# MultiCare Good Samaritan Hospital Kitchen

**07.21.2025**
**PW PROJECT #162433.000**

## 401 15th Ave SE, Puyallup, WA 98372

# PHASE 1 PERMIT CORRECTIONS

| FACILITY | OWNER | ARCHITECT | FOOD SERVICE | STRUCTURAL | CIVIL | CONTRACTOR | PLUMBING | MECHANICAL | ELECTRICAL | PROJECT MNGR | Municipality Puyallup |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MultiCare Good Samaritan Hospital<br>401 15th Ave SE, Puyallup, WA 98372<br>(253) 697-4000 (TEL) | MultiCare Health System<br>315 Martin Luther King, Jr. Way, Tacoma, WA 98405<br>(253) 403-1000 (TEL) | Perkins & Will<br>1301 5th Ave #2300, Seattle, WA 98101<br>(206) 381-6000 (TEL) | Inman Food Service Group<br>3807 Charlotte Avenue, Nashville, Tennessee 37209<br>615-321-5591 (TEL) | PCS<br>1011 Western Avenue, Suite 810<br>Seattle WA 98104<br>206.292.5076 (TEL) | AHBL<br>1200 6th Ave #1620, Seattle, WA 98101<br>(206) 267-2425 (TEL) | Abbott Construction<br>3408 1st Ave S, Seattle, WA 98134<br>(206) 467-8500 (TEL) | MacDonald Miller<br>1004 Madison St, Seattle, WA 98104<br>(206) 763-9400 | MacDonald Miller<br>1004 Madison St, Seattle, WA 98104<br>(206) 763-9400 (TEL) | EBD SERVICES<br>14900 Interurban Ave S. #143<br>Seattle, WA 98168<br>(206) 413-6095 (TEL) | TURNER & TOWNSEND<br>920 Fifth Avenue, Seattle, WA, 98104<br>206 470 9001 (TEL) | Puyallup<br>Puyallup City Hall 333 S. Meridian Puyallup, WA 98371<br>253-841-4321 (TEL) |

Deferred Submittal Required

Please see IBC section 107, including but not limited to:
Phase specific.
Project specifications,
Structural calculations,
107.2.9 related to nonstructural components like the grease interceptors proposed, and similar equipment. .
Submit deferred or separate submittal required per 107.3.4.1
G00-00

Deferred Submittal Required
Details for fire resistant penetration, including electrical, plumbing, mechanical, etc.
Please provide penetration type and listed assembly details.
G05.01

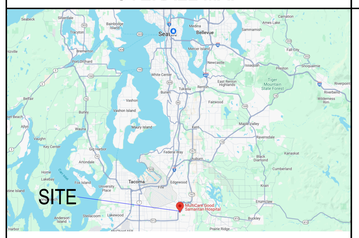
## SHEET INDEX - PHASE 1

| SHEET NUMBER | SHEET NAME | PHASE 1 04.24.2025 | PHASE 1 CORRECTIONS 07.11.2025 |
|---|---|---|---|
| 01-GENERAL | | | |
| G00-00 | COVER | | • |
| G01-01 | CODE COMPLIANCE EGRESS PLAN - PHASE 1 | | |
| G05-01 | FIRE RESISTANCE DETAILS AND DIAGRAMS | • | • |
| G06-01 | PHASING DIAGRAMS | • | • |
| 04-ARCHITECTURAL | | | |
| A00-01 | REFERENCE SHEET | • | • |
| A01-01 | OVERALL EXISTING FLOOR PLAN LEVEL 01 | • | |
| A04-01 | DEMOLITION PLAN LEVEL 01 | • | |
| A04-05 | PARTIAL DEMOLITION PLANS | • | |
| A05-01 | DEMOLITION REFLECTED CEILING PLANS | • | |
| A06-01 | DEMOLITION SECTIONS | • | |
| A10-01 | OVERALL FLOOR PLAN LEVEL 01 | • | |
| A10-02 | OVERALL FLOOR PLAN LEVEL 02 | • | |
| A11-01 | PARTIAL FLOOR PLAN LEVEL 01 | • | |
| A11-02 | PARTIAL FLOOR PLAN LEVEL 02 | • | |
| A12-01 | REFLECTED CEILING PLAN LEVEL 01 | • | |
| A12-02 | PARTIAL REFLECTED CEILING PLAN LEVEL 02 | • | |
| A13-01 | FINISH PLAN LEVEL 01 | • | |
| A13-02 | PARTIAL FINISH PLAN LEVEL 02 | • | |
| A21-01 | BUILDING SECTIONS | • | • |
| A31-01 | WALL SECTIONS | • | |
| A44-01 | ENLARGED ELEVATION - LEVEL 01 | • | |
| A45-01 | CASEWORK PLANS AND ELEVATIONS | • | |
| A51-01 | CEILING DETAILS | • | |
| A51-10 | TYPICAL SUSPENDED CEILING DETAILS | • | • |
| A61-01 | PARTITION TYPE CHARTS & DETAILS | • | |
| A62-01 | DOOR SCHEDULE | • | |
| A64-01 | FINISH SCHEDULE AND LEGEND | • | |
| 05-STRUCTURAL | | | |
| S01-01 | GENERAL NOTES | • | |
| S01-02 | GENERAL NOTES | • | |
| S01-03 | GENERAL NOTES | • | • |
| S01-04 | GENERAL NOTES | • | • |
| S11-01 | FRAMING PLAN - LEVEL 01 | • | • |
| S11-02 | FRAMING PLAN - LEVEL 02 | • | |
| S11-03 | FRAMING PLAN - LEVEL 03 | • | |
| S11-04 | FRAMING PLAN - LEVEL 04 | • | |
| S11-05 | FRAMING PLAN - LEVEL 05 | • | |
| S21-01 | STEEL DETAILS | • | |
| S21-02 | STEEL DETAILS | • | |
| S21-03 | STEEL DETAILS | • | |
| S21-10 | COLD FORMED STEEL FRAMING DETAILS | • | |
| S21-11 | COLD FORMED STEEL FRAMING DETAILS | • | |
| S21-12 | NON-BEARING COLD FORMED STEEL DETAILS | • | |
| 06-FOOD SERVICE | | | |
| FS01-00 | PHASE 1 OVERALL | • | |
| FS01-000 | OVERALL COMPLETE | • | |
| FS01-A.1 | PHASE 1 (AREA - A) EQUIPMENT PLAN AND SCHEDULE | • | |
| FS01-A.2 | PHASE 1 (AREA - A) PLUMBING PLAN AND SCHEDULE | • | |
| FS01-A.3 | PHASE 1 (AREA - A) ELECTRICAL PLAN AND SCHEDULE | • | |
| FS01-A.4 | PHASE 1 (AREA - A) SLAB BLOCK OUT - SLAB CONDITIONS PLAN | • | |
| FS01-A.5 | PHASE 1 (AREA - A) SPECIAL CONDITIONS PLAN | • | |
| FS01-A.6 | PHASE 1 (AREA - A) REFRIGERATION PLAN AND SCHEDULE | • | |
| FS01-A.7 | DETAILS AND WALL BACKING DETAILS | • | |
| FS01-B.1 | PHASE 1 (AREA - B) FINAL EQUIPMENT PLAN AND SCHEDULE | • | |
| FS01-B.1.1 | PHASE 1 (AREA - B) STEP 1 EQUIPMENT PLAN AND SCHEDULE | • | |
| FS01-B.1.2 | PHASE 1 (AREA - B) STEP 2 EQUIPMENT PLAN AND SCHEDULE | • | |
| FS01-B.2 | PHASE 1 (AREA - B) FINAL PLUMBING PLAN AND SCHEDULE | • | |
| FS01-B.2.1 | PHASE 1 (AREA - B) STEP 1 PLUMBING PLAN AND SCHEDULE | • | |
| FS01-B.2.2 | PHASE 1 (AREA - B) STEP 2 PLUMBING PLAN AND SCHEDULE | • | |
| FS01-B.3 | PHASE 1 (AREA - B) FINAL ELECTRICAL PLAN AND SCHEDULE | • | |
| FS01-B.3.1 | PHASE 1 (AREA - B) STEP 1 ELECTRICAL PLAN AND SCHEDULE | • | |
| FS01-B.3.2 | PHASE 1 (AREA - B) STEP 2 ELECTRICAL PLAN AND SCHEDULE | • | |
| FS01-B.4 | PHASE 1 (AREA - B) SLAB BLOCK OUT PLAN | • | |
| FS01-B.5 | PHASE 1 (AREA - B) FINAL SPECIAL CONDITIONS PLAN | • | |
| FS01-B.5.1 | PHASE 1 (AREA - B) STEP 1 SPECIAL CONDITIONS PLAN | • | |

## SHEET INDEX - PHASE 1

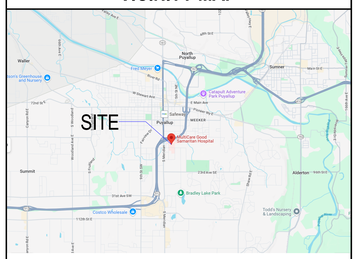
| SHEET NUMBER | SHEET NAME | PHASE 1 04.24.2025 | PHASE 1 CORRECTIONS 07.11.2025 |
|---|---|---|---|
| FS01-B.5.2 | PHASE 1 (AREA - B) STEP 2 SPECIAL CONDITIONS PLAN | • | • |
| FS01-B.6 | PHASE 1 (AREA - B) HOOD DETAILS 1 OF 3 HALTON DOCUMENTS | • | • |
| FS01-B.6.1 | PHASE 1 (AREA - B) DEMAND CONTROL DETAILS 2 OF 3 HALTON DOCUMENTS | • | • |
| FS01-B.6.2 | PHASE 1 (AREA - B) HOOD DETAILS 3 O3 HALTON DOCUMENTS | • | • |
| FS01-B.7 | DETAILS AND WALL BACKING DETAILS | • | • |
| FS04-A.1 | PHASE 1 ROOF EQUIPMENT AND ELECTRICAL PLANS | • | • |
| FS04-A.2 | PHASE 1 ROOF SPECIAL CONDITIONS AND REFRIGERATION PLAN | • | • |
| 07-MECHANICAL | | | |
| TM0.01 | SCHEDULES - MECHANICAL | • | • |
| TM0.02 | SCHEDULES - MECHANICAL | • | • |
| DM2.01 | LEVEL 01 OVERALL DEMOLITION FLOOR PLAN - MECHANICAL | • | • |
| DM2.01A | LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - MECHANICAL | • | • |
| DM2.01B | LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA B - MECHANICAL | • | • |
| DF2.01A | LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - FITTING | • | • |
| DF2.01B | LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA B - FITTING | • | • |
| TM2.01 | LEVEL 01 OVERALL FLOOR PLAN - MECHANICAL | • | • |
| TM2.01A | LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - MECHANICAL | • | • |
| TM2.01B | LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - MECHANICAL | • | • |
| TF2.01A | LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - FITTING | • | • |
| TF2.01B | LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - FITTING | • | • |
| TM2.02 | LEVEL 02 FLOOR PLAN - PHASE 1 - MECHANICAL | • | • |
| TM2.03 | LEVEL 03 FLOOR PLAN - PHASE 1 - MECHANICAL | • | • |
| TM2.04 | LEVEL 04 FLOOR PLAN - PHASE 1 - MECHANICAL | • | • |
| TM3.01 | LEVEL 01 SMOKE CONTROL FLOOR PLAN - MECHANICAL | • | • |
| TM4.01 | AIRFLOW DIAGRAMS - PHASE 1 - MECHANICAL | • | • |
| TM4.02 | AIRFLOW DIAGRAMS - PHASE 2 - MECHANICAL | • | • |
| TM6.01 | DETAILS - MECHANICAL | • | • |
| 08-ELECTRICAL | | | |
| E00-00 | SYMBOLS AND ABBREVIATIONS | • | • |
| E10-00 | OVERALL PHASING PLAN | • | • |
| E10-10 | PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 01 | • | • |
| E10-11 | PHASE 1 - LIGHTING DEMOLITION PLAN - LEVEL 01 | • | • |
| E10-12 | PHASE 1 - POWER DEMOLITION PLAN - LEVEL 01 | • | • |
| E10-20 | PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 02 | • | • |
| E10-21 | PHASE 1 - POWER AND LIGHTING DEMOLITION PLAN - LEVEL 02 | • | • |
| E11-10 | PHASE 1 - OVERALL FLOOR PLAN - LEVEL 01 | • | • |
| E11-11 | PHASE 1 - LIGHTING RCP - LEVEL 01 | • | • |
| E11-12A | PHASE 1 - STEP 1 - POWER PLAN - LEVEL 01 | • | • |
| E11-12B | PHASE 1 - STEP 2 - POWER PLAN - LEVEL 01 | • | • |
| E11-12C | PHASE 1 - FINAL - POWER PLAN - LEVEL 01 | • | • |
| E11-20 | PHASE 1 - OVERALL FLOOR PLAN - LEVEL 02 | • | • |
| E11-21 | PHASE 1 - POWER AND LIGHTING PLAN - LEVEL 02 | • | • |
| E11-22 | PHASE 1 - ROOF POWER PLAN - LEVEL 03 | • | • |
| E11-23 | PHASE 1 - ROOF POWER PLAN - LEVEL 04 | • | • |
| E50-00 | ONE-LINE DIAGRAM - EXISTING 12.47kV | • | • |
| E50-03-1 | PHASE 1 - ONE-LINE DIAGRAM - D & T WING | • | • |
| E50-04-1 | PHASE 1 - ONE-LINE DIAGRAM - NORTH CENTRAL & SOUTH WINGS | • | • |
| E80-00 | PHASE 1 - EQUIPMENT COORDINATION SCHEDULES | • | • |
| E80-01 | PHASE 1 - EQUIPMENT COORDINATION SCHEDULES | • | • |
| E80-03 | PHASE 1 - PANEL SCHEDULES | • | • |
| 09-PLUMBING | | | |
| TP0.01 | SCHEDULES - PLUMBING | • | • |
| TP0.03 | SCHEDULES - PLUMBING | • | • |
| DP2.01 | LEVEL 01 DEMOLITION OVRALL FLOOR PLAN - PLUMBING | • | • |
| TP0.02 | SCHEDULES - PLUMBING | • | • |
| TP2.00 | LEVEL 01 OVERALL UNDERGROUND PLAN - PLUMBING | • | • |
| TP2.01 | LEVEL 01 OVERALL FLOOR PLAN - PLUMBING | • | • |
| TP6.01 | PLUMBING DETAILS | • | • |
| DP2.01A | LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - PLUMBING | • | • |
| TP2.00A | LEVEL 01 UNDERGROUND PLAN - PHASE 1 AREA A - PLUMBING | • | • |
| TP2.00B | LEVEL 01 UNDERGROUND PLAN - PHASE 1 AREA B - PLUMBING | • | • |
| TP2.01A | LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - PLUMBING | • | • |
| TP2.01B | LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - PLUMBING | • | • |
| TP4.01A | DOMESTIC WATER RISER | • | • |
| TP4.02A | WASTE-VENT-GREASE RISER | • | • |
| TP4.03A | NATURAL GAS RISER | • | • |
| TP5.01 | ENLARGED FLOOR PLAN - STEP 2 AREA B - PLUMBING | • | • |

## OVERALL MAP




Map data © 2024 Google

## VICINITY MAP




Map data © 2024 Google

## SITE MAP




Map data © 2024 Google

## PROJECT INFORMATION

**PROJECT DESCRIPTION**

THIS TENANT IMPROVEMENT ON LEVEL 1 OF THE GOOD SAMARITAN HOSPITAL CAMPUS WILL EXPAND THE EXISTING NUTRITION DEPARTMENT IN ORDER TO SUPPORT THE FUTURE PATIENT CARE TOWER EXPANSION (WA DOH CERTIFICATE OF NEED 1980). PROJECT WILL BE REVIEWED BY WA DOH UNDER CRS# 61682265. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES IN ORDER TO MAINTAIN FOOD SERVICE AND DINING OPERATIONS ACROSS THE HOSPITAL.

**PHASING SCOPE AND PURPOSE**

**PHASE 0** CONSISTS OF CONSTRUCTING A TEMPORARY DRY GOODS STORAGE AREA IN A PORTION OF THE EXISTING CAFETERIA SPACE. THE EXISTING CAFE IS CURRENTLY AN ACCESSORY SPACE TO THE EXISTING B OCCUPANCY CLASSIFICATION WHICH IS SEPARATED FROM THE ADJOINING I-2 CONDITION 2 HOSPITAL BY A 2-HOUR FIRE BARRIER. THE TEMPORARY STORAGE SPACE WOULD BE CONSIDERED AN S-2 OCCUPANCY CLASSIFICATION AND ALSO AN ACCESSORY SPACE TO THE MAIN B OCCUPANCY. ADDITIONAL WORK IN PHASE 0 IS LIMITED TO MINOR CONSTRUCTION TO THE EXISTING LINEN ROOM, CONDENSATE RECEIVER TANK AND SMALL STORAGE ROOM.

THE SCOPE OF WORK IN **PHASE 1** CREATES:
- NEW DRY STORAGE SPACE
- WALK-IN COOLERS
- WALK-IN FREEZERS
- WAREWASH SPACE
- FOOD PRODUCTION AND TEMPORARY TRAY MAKEUP AREAS
- ENVIRONMENTAL SERVICES DEPARTMENT STAFF BREAK ROOM AND OFFICES
- NUTRITION DEPARTMENT OFFICES
- REVISED PALLIATIVE CARE AND SECURITY OFFICES ON LEVEL 2 (DUE TO NEW DUCTWORK)

THE SCOPE OF WORK IN **PHASE 2** CREATES:
- PERMANENT TRAY MAKE UP AREAS
- FOUR COOKING PODS
- TWO KITCHEN SUPERVISOR OFFICES

THROUGHOUT ALL PHASES, SCOPE ALSO INCLUDES NEW INFRASTRUCTURE NEEDED TO SUPPORT THIS ADDED CAPACITY.

**ACCESS PATHS FOR HOSPITAL STAFF WILL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. REFER TO PROJECT DESCRIPTION ON G00-00 FOR ADDITIONAL INFORMATION ON PHASES.**

**APPLICABLE CODES**

**PIERCE COUNTY:**

**CITY OF PUYALLUP:**
2021 INTERNATIONAL BUILDING CODE (IBC)
2021 INTERNATIONAL MECHANICAL CODE (IMC)
2021 FUEL GAS CODE
2021 UNIFORM PLUMBING CODE (UPC) WITH WA. STATE AMENDMENTS
2021 INTERNATIONAL FIRE CODE (IFC)
2021 WASHINGTON STATE ENERGY CODES
2023 NFPA 70 NATIONAL ELECTRICAL CODE
2017 A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

**STATE OF WASHINGTON:**
2022 FGI GUIDELINES FOR DESIGN AND CONSTRUCTION - HOSPITALS

**FEDERAL:**
2012 NFPA 101 - LIFE SAFETY CODE

**OCCUPANCY CLASSIFICATION**
B OCCUPANCY - BUSINESS
I-2 CONDITION 2 OCCUPANCY - INSTITUTIONAL

**CONSTRUCTION TYPE**
TYPE I-A

**FIRE RESISTANCE RATINGS (IN HOURS)**

| | |
|---|---|
| PRIMARY STRUCTURAL FRAME | 3 |
| BEARING WALLS (EXTERIOR) | 3 |
| BEARING WALLS (INTERIOR) | 3 |
| NONBEARING WALLS (EXTERIOR) | 0 |
| FLOOR CONSTRUCTION | 2 |
| ROOF CONSTRUCTION | 1.5 |

**PARCEL NUMBER:** 9810000016

**WA DEPT. OF HEALTH CRS NUMBER:** 61682265

**CITY OF PUYALLUP PERMIT NUMBER:** Phase 0 PRCTI2025 / Phase 1 PRCTI2025

City of Puyallup Planning Division APPROVED
See permit conditions.
CBeale
05/29/2025
9:36:14 AM

**SPECIAL INSPECTIONS**
THE FOLLOWING SPECIAL INSPECTIONS ARE REQUIRED FOR
- FIRE-RESISTANT PENETRATIONS & JOINT MATERIA
- NON-STRUCTURAL STEEL CONSTRUCTION

**DEFERRED SUBMITTALS**
THE FOLLOWING SCOPES WILL BE SUBMITTED FOR AHJ REV SUBMITTALS
- FIRE ALARM SYSTEMS (OVERALL AND PER PHASE)
- FIRE SPRINKLER SYSTEM (OVERALL AND PER PHA
- KITCHEN HOOD SUPPRESSION SYSTEMS

City of Puyallup Development Engineering APPROVED
See permit conditions.
AHunt
08/29/2025
3:48:17 PM

City of Puyallup Development & Permitting Services ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

City of Puyallup Building REVIEWED FOR COMPLIANCE
RayC
08/29/2025
1:34:33 PM

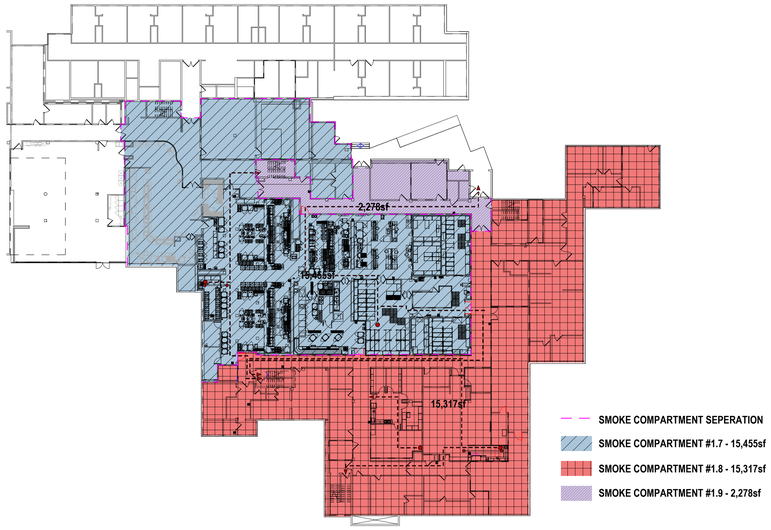
Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

The approved construction plans, documents, and all engineering must be posted on the job at all inspections in a visible and readily accessible location.

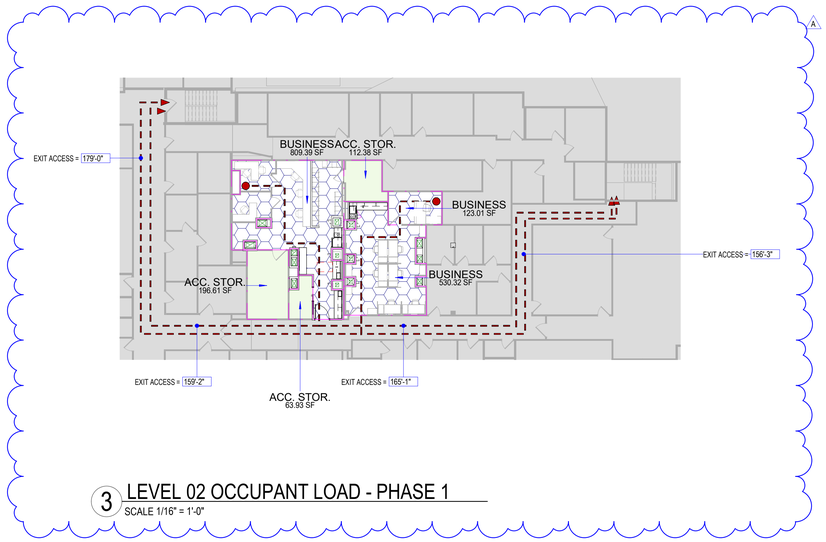
Full sized legible color plans are required to be provided by the permitee on site for inspection.

**SPECIAL INSPECTIONS**
THE FOLLOWING SPECIAL INSPECTIONS ARE REQUIRED FOR THIS PROJECT:
- FIRE-RESISTANT PENETRATIONS & JOINT MATERIALS
- NON-STRUCTURAL STEEL CONSTRUCTION

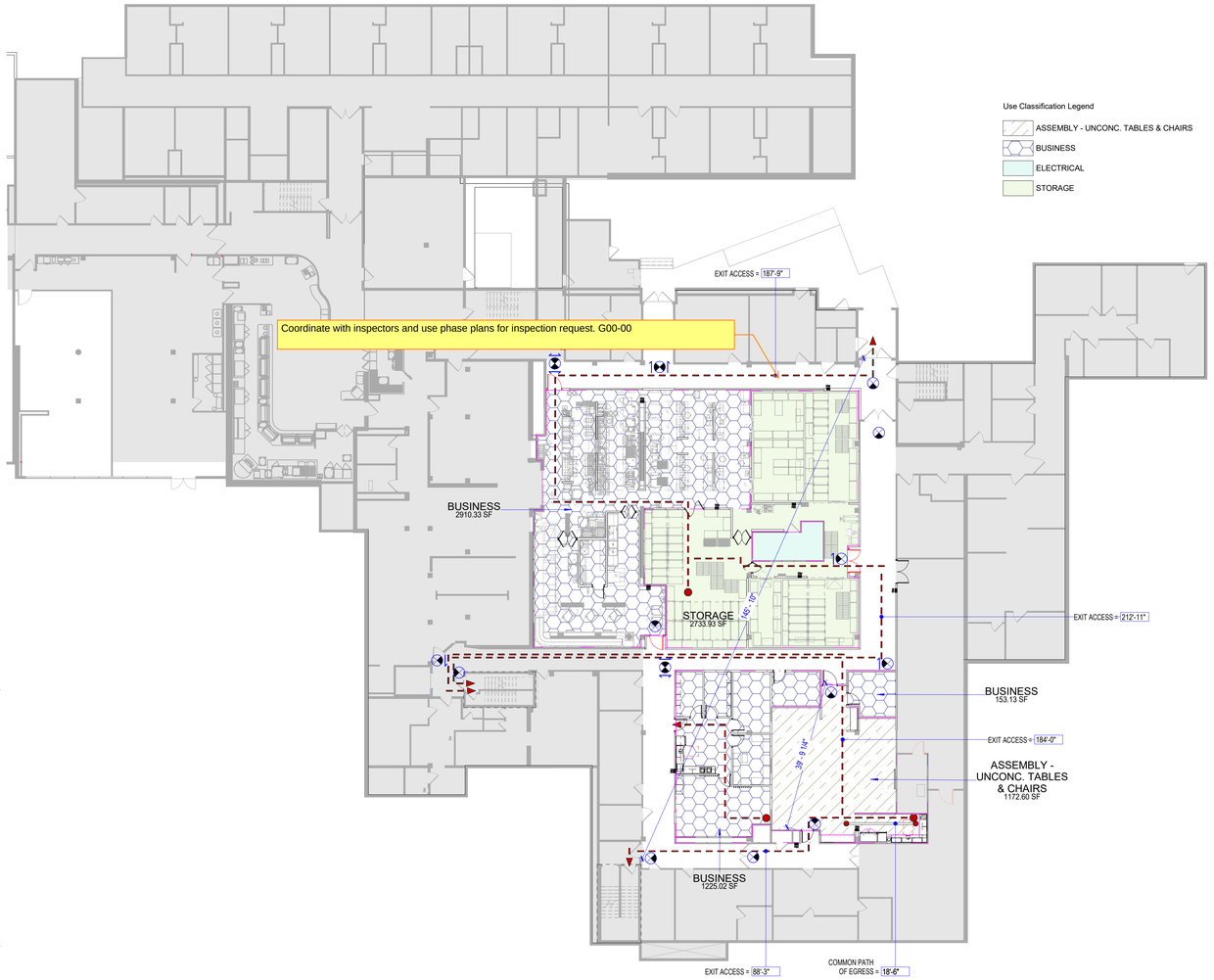
**DEFERRED SUBMITTALS**
THE FOLLOWING SCOPES WILL BE SUBMITTED FOR AHJ REVIEW A




2 LEVEL 01 SMOKE COMPARTMENT DIAGRAM
SCALE 1" = 30'-0"




3 LEVEL 02 OCCUPANT LOAD - PHASE 1
SCALE 1/16" = 1'-0"




1 LEVEL 01 OCCUPANT LOAD - PHASE 1
SCALE 1/16" = 1'-0"

Use Classification Legend

- ASSEMBLY - UNCONC. TABLES & CHAIRS
- BUSINESS
- ELECTRICAL
- STORAGE

## PRIMARY USE CLASSIFICATION BY LEVEL - PHASE 1

| AREA | USE CLASSIFICATION | % OF LEVEL |
|---|---|---|
| LEVEL 01 | | |
| 2910.33 SF | A-2 | 35% |
| 1172.60 SF | A-2 | 14% |
| A-2: 2 | | |
| 1225.02 SF | B | 15% |
| 153.13 SF | B | 2% |
| B: 2 | | |
| 2733.93 SF | S-1 | 33% |
| S-1: 1 | | |
| 164.27 SF | S-2 | 2% |
| S-2: 7 | | |
| LEVEL 01: 6 | | |
| LEVEL 02 | | |
| 530.32 SF | B | 29% |
| 123.01 SF | B | 7% |
| 809.39 SF | B | 44% |
| B: 3 | | |
| 112.38 SF | S-2 | 6% |
| 196.61 SF | S-2 | 11% |
| 63.93 SF | S-2 | 3% |
| S-2: 3 | | |
| LEVEL 02: 6 | | |

## OCCUPANT LOAD CALCULATIONS - PHASE 1

| NAME | AREA (SF) | OCC LOAD FACTOR | OCCUPANT LOAD |
|---|---|---|---|
| LEVEL 01 | | | |
| ASSEMBLY - UNCONC. TABLES & CHAIRS | 1172.60 SF | 15.00 SF | 79 |
| BUSINESS | 2910.33 SF | 150.00 SF | 20 |
| BUSINESS | 1225.02 SF | 100.00 SF | 13 |
| BUSINESS | 153.13 SF | 100.00 SF | 2 |
| ELECTRICAL | 164.27 SF | 300.00 SF | 1 |
| STORAGE | 2733.93 SF | 300.00 SF | 10 |
| LEVEL 02 | | | |
| ACC. STOR. | 196.61 SF | 300.00 SF | 1 |
| ACC. STOR. | 112.38 SF | 300.00 SF | 1 |
| ACC. STOR. | 63.93 SF | 300.00 SF | 1 |
| BUSINESS | 809.39 SF | 100.00 SF | 9 |
| BUSINESS | 530.32 SF | 100.00 SF | 6 |
| BUSINESS | 123.01 SF | 100.00 SF | 2 |
| Grand total | | | 145 |

## CODE COMPLIANCE PLAN GENERAL NOTES

1. ALL WORK IS TO BE DONE IN ACCORDANCE WITH APPLICABLE CODES.
2. FINAL LOCATIONS OF ALL LIFE SAFETY DEVICES AND FIXTURES ARE SUBJECT TO APPROVAL BY THE AUTHORITY HAVING JURISDICTION.

## EGRESS COMPONENTS

- NOT IN CONTRACT

EGRESS COMPONENTS - PATH OF TRAVEL

- EXIT ACCESS = 999'-11"
- EXIT SEPARATION = 999'-11"
- LONGEST DIAGONAL = 999'-11" / REQUIRED SEPARATION = X'-X"
- COMMON PATH OF EGRESS = 999'-11"
- ACCESSIBLE ROUTE

- FEC FIRE EXTINGUISHER & CABINET (HALFTONE IF EXISTING)
- FE FIRE EXTINGUISHER (HALFTONE IF EXISTING)
- FEC FIRE EXTINGUISHER & CABINET SURFACE MOUNTED (HALFTONE IF EXISTING)
- EXIT SIGN

- CR CARD READER
- PB PUSH BUTTON
- ML ELECTROMAGNETIC LOCK
- RX REQUEST TO EXIT SENSOR
- DE DELAYED EGRESS

X 3 — # OF IDENTICAL ITEMS TAGGED - OPTIONAL

| EXIT A | STAIR A |
|---|---|
| 96" ACT | 48" ACT |
| 276 OCC | 120 OCC |
| 55.2" REQ | 44" REQ |

EGRESS COMPONENT AND OPTIONAL GROUP
ACTUAL WIDTH PROVIDED
OCCUPANT LOAD
REQUIRED WIDTH FOR OCCUPANT LOAD

AREA TAG
ASSEMBLY - UNCONC. TABLES & CHAIRS
150 SF
### OCC
### OCC

- FUNCTION OF SPACE
- AREA
- OCCUPANT LOAD FACTOR
- OCCUPANTS

## LEGEND

- RATED DOOR (RED)
- NON-RATED DOOR
- EXISTING DOOR


Perkins&Will
1301 5th Ave
#2300, Seattle,
WA 98101
t +1206816000
www.perkinswill.com


PRCTI20250548

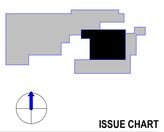
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE

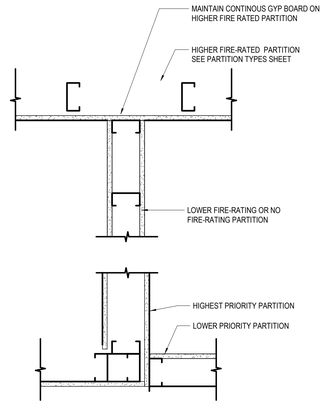
CODE COMPLIANCE EGRESS PLAN - PHASE 1

SHEET NUMBER

G01-01

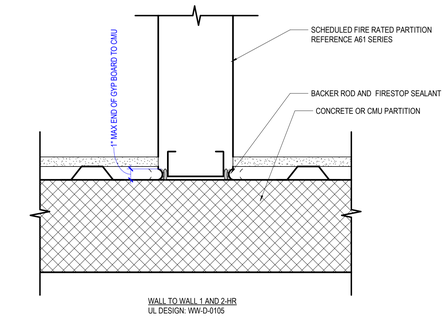
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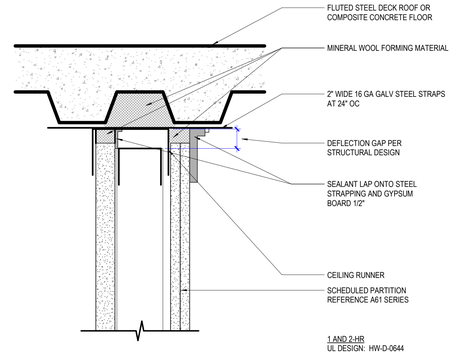



| WALL PRIORITY LEGEND | |
|---|---|
| 2 HOUR FIRE AND SMOKE PARTITION | PRIORITY 1 |
| 2 HOUR FIRE PARTITION | PRIORITY 2 |
| 2 HOUR SHAFTWALL | PRIORITY 3 |
| 1 HOUR FIRE AND SMOKE PARTITION | PRIORITY 4 |
| 1 HOUR FIRE PARTITION | PRIORITY 5 |
| NON-RATED PARTITION | |

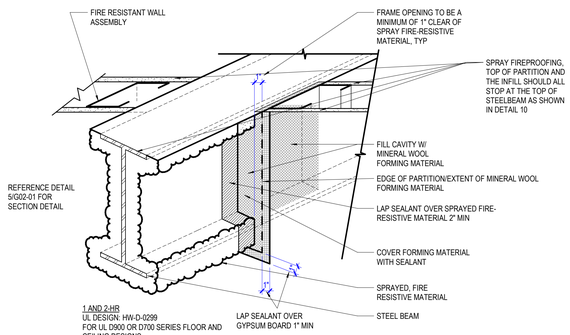
## 16 PARTITION PRIORITY DIGRAM
SCALE 1 1/2" = 1'-0"



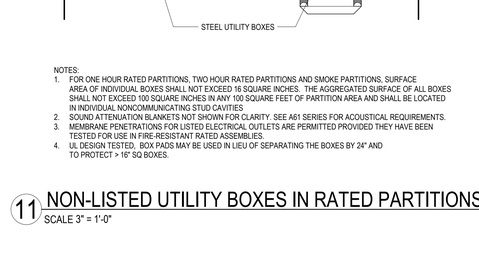

## 15 INTERSECTION OF RATED PARTITION AND CONCRETE OR CMU PARTITION
3" = 1'-0" |




## 14 TYPICAL 1HR/2HR SHAFT WALL HEAD
3" = 1'-0" | METAL DECK PARALLEL TO PARTITION

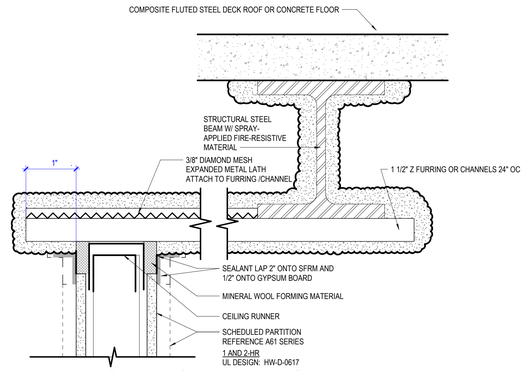



## 13 TYPICAL 1HR/2HR PARTITION HEAD AT STEEL BEAM INTERSECTION
1 1/2" = 1'-0" |

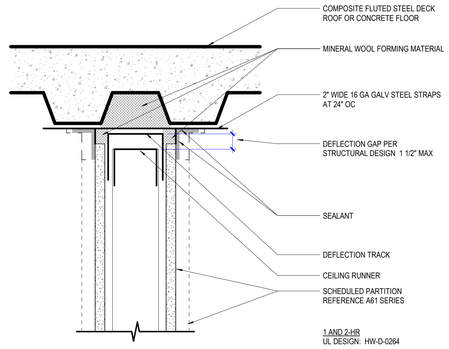



NOTES:
1. FOR ONE HOUR RATED PARTITIONS, TWO HOUR RATED PARTITIONS AND SMOKE PARTITIONS, SURFACE AREA OF INDIVIDUAL BOXES SHALL NOT EXCEED 16 SQUARE INCHES. THE AGGREGATED SURFACE OF ALL BOXES SHALL NOT EXCEED 100 SQUARE INCHES IN ANY 100 SQUARE FEET OF PARTITION AREA AND SHALL BE LOCATED IN INDIVIDUAL NONCOMMUNICATING STUD CAVITIES
2. SOUND ATTENUATION BLANKETS NOT SHOWN FOR CLARITY. SEE A61 SERIES FOR ACOUSTICAL REQUIREMENTS.
3. MEMBRANE PENETRATIONS FOR LISTED ELECTRICAL OUTLETS ARE PERMITTED PROVIDED THEY HAVE BEEN TESTED FOR USE IN FIRE-RESISTANT RATED ASSEMBLIES.
4. UL DESIGN TESTED. BOX PADS MAY BE USED IN LIEU OF SEPARATING THE BOXES BY 24" AND TO PROTECT > 16" SQ BOXES.

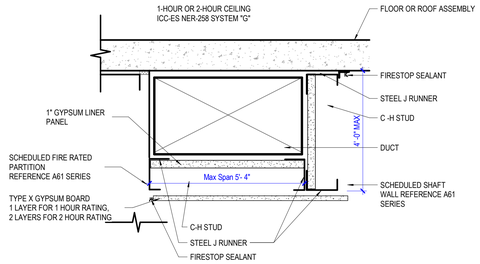
## 11 NON-LISTED UTILITY BOXES IN RATED PARTITIONS
SCALE 3" = 1'-0"



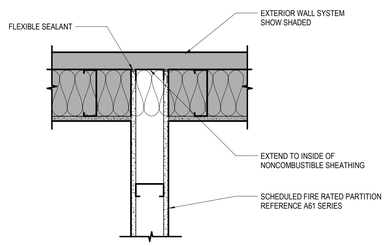

## 10 TYPICAL 1HR/2HR PARTITION HEAD AT STEEL BEAM
3" = 1'-0" | PARTITION 8" MAX FROM BEAM FLANGE



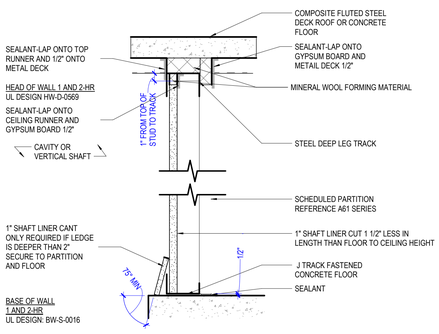

## 9 TYPICAL 1HR/2HR PARTITION HEAD
3" = 1'-0" | METAL DECK PARALLEL TO PARTITION



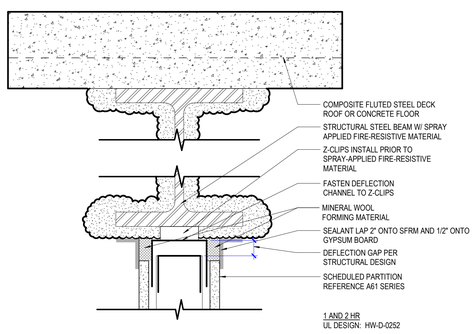

## 12 HORIZONTAL DUCT PROTECTION
SCALE 1 1/2" = 1'-0"



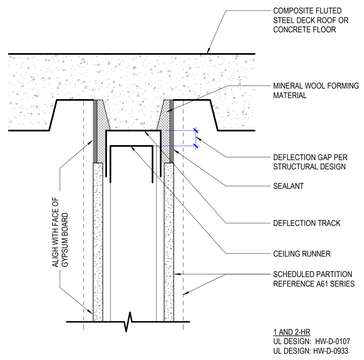

## 8 PARTITION PRIORITY @ EXTERIOR WALL
SCALE 1 1/2" = 1'-0"



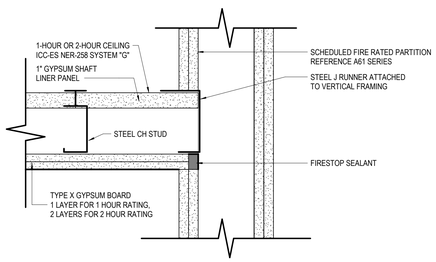

## 7 TYPICAL 1HR/2HR SHAFT WALL BASE AND HEAD
1 1/2" = 1'-0" | METAL DECK PERPENDICULAR TO PARTITION



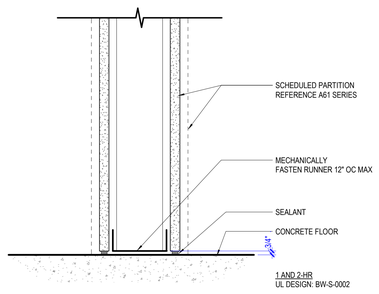

## 6 TYPICAL 1HR/2HR PARTITION HEAD AT STEEL BEAM
3" = 1'-0" | WALL CENTERED ON STEEL BEAM



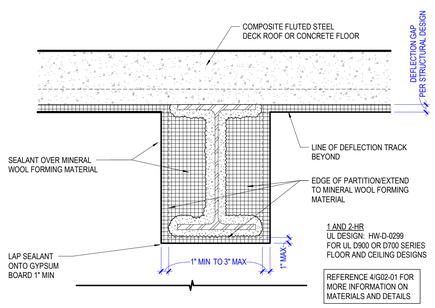

## 5 TYPICAL 1HR/2HR PARTITION HEAD
3" = 1'-0" | METAL DECK PARALLEL TO PARTITION



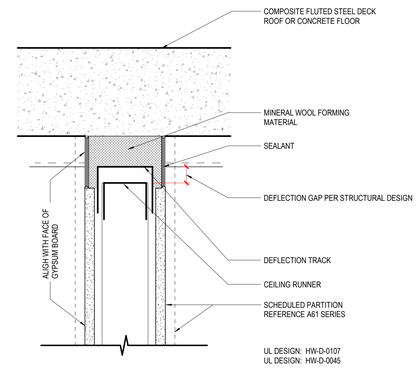

## 4 HORIZONTAL SHAFTWALL CEILING SYSTEM
SCALE 3" = 1'-0"




## 3 TYPICAL 1HR/2HR BASE OF PARTITION
3" = 1'-0" |




## 2 TYPICAL 1HR/2HR PARTITION HEAD AT STEEL BEAM INTERSECTION
1 1/2" = 1'-0" | METAL DECK PERPENDICULAR TO PARTITION




## 1 TYPICAL 1HR/2HR PARTITION HEAD
3" = 1'-0" | METAL DECK PERPENDICULAR TO PARTITION


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PROJECT MNGR
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920 Fifth Avenue, Seattle, WA, 98104

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**MULTICARE**

**KEY PLAN**

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**Job Number** 162433.000

**TITLE**

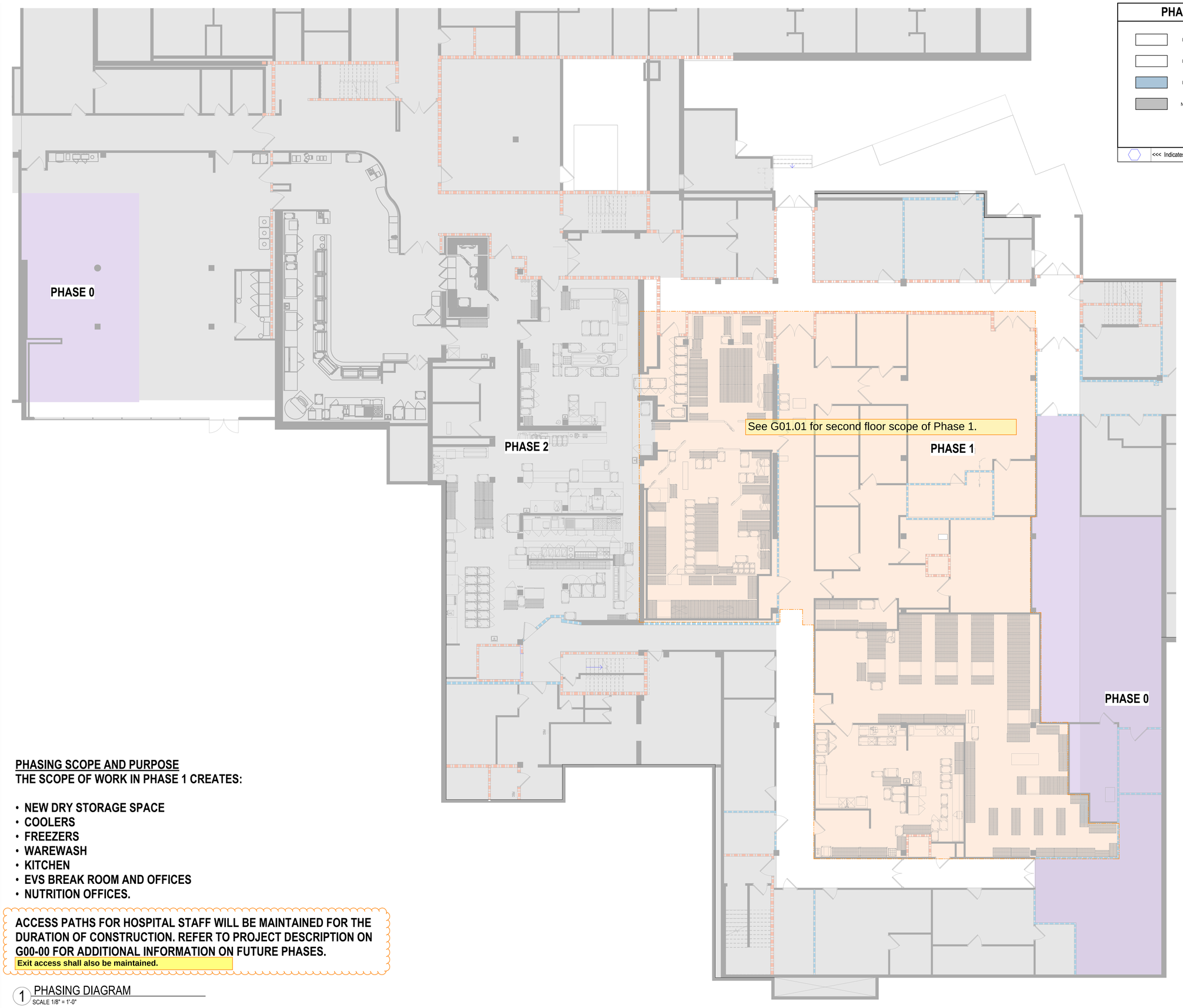
**FIRE RESISTANCE DETAILS AND DIAGRAMS**

**SHEET NUMBER**

**G05-01**

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7/25/2025 3:57:41 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/ARCH-MultiCare-Kitchen-R25.rvt




## PHASING LEGEND

- PHASE 0
- PHASE 1
- PHASE 2
- NOT IN CONTRACT

<<< Indicates Sheet Keynote on Plan

**PHASING SCOPE AND PURPOSE**
**THE SCOPE OF WORK IN PHASE 1 CREATES:**

- NEW DRY STORAGE SPACE
- COOLERS
- FREEZERS
- WAREWASH
- KITCHEN
- EVS BREAK ROOM AND OFFICES
- NUTRITION OFFICES.

**ACCESS PATHS FOR HOSPITAL STAFF WILL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION. REFER TO PROJECT DESCRIPTION ON G00-00 FOR ADDITIONAL INFORMATION ON FUTURE PHASES.**
**Exit access shall also be maintained.**

1 PHASING DIAGRAM
SCALE 1/8" = 1'-0"


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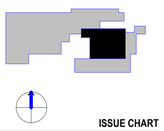
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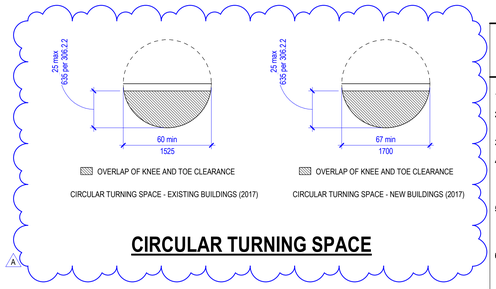
PHASING DIAGRAMS

SHEET NUMBER

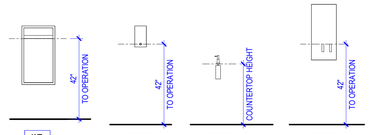
G06-01

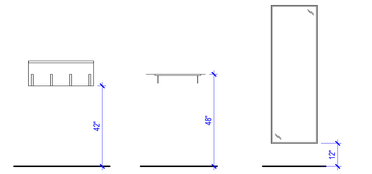
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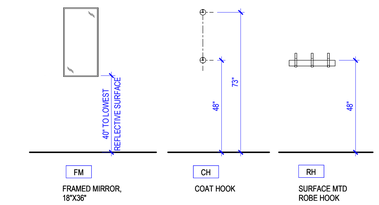
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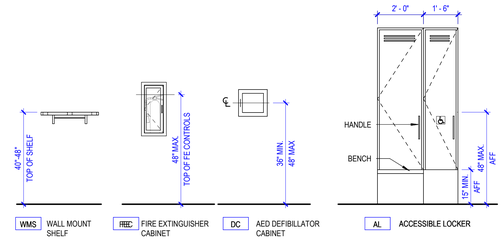


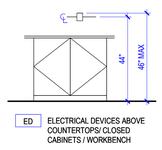

## CIRCULAR TURNING SPACE

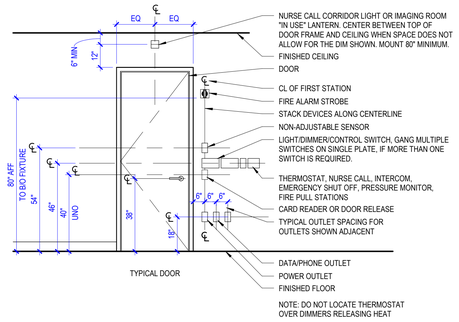



## ACCESSIBILITY GENERAL NOTES

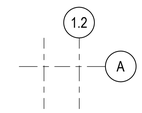
1. THESE PICTOGRAPHS DO NOT DESCRIBE ALL CONDITIONS WHICH MAY BE ENCOUNTERED IN THE FIELD. VERIFY QUESTIONS WITH ARCHITECT
2. INFORMATION IN THESE DRAWINGS IS COMPLEMENTARY TO THE PLANS, SECTIONS, ELEVATIONS AND DETAILS, AND SHALL BE USED IN CONJUNCTION WITH THEM
3. PROVIDE WORK SHOWN OR REFERRED TO HEREIN AS THOUGH SHOWN ON ALL OTHER ARCHITECTURAL DRAWINGS
4. INFORMATION REGARDING THE LOCATION OF MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS IS PROVIDED AS DESIGN CRITERIA FOR THE CONVENIENCE OF THOSE DESIGNERS OF RECORD WHO SHALL BEAR RESPONSIBILITY FOR COMPLIANCE WITH THE APPLICABLE CODE STANDARDS ILLUSTRATED AND CITED HEREIN
5. PROVIDE REINFORMENT, AS ILLUSTRATED HEREIN, AT TOILET AND SHOWER SEAT LOCATIONS. DASHED GRAB BARS DELINEATE REQUIRED REINFORCEMENT FOR FUTURE GRAB BARS. WHERE REINFORCEMENT IS NOT NOTED 32" MAX AFF AND 38" MIN AFF, UNO AND WHERE BLOCKING IS USED, A SINGLE 2X6 IS NOT ADEQUATE. GAPS IN REINFORCEMENT MUST BE 1/4" MAX.
6. IN LIEU OF REINFORCEMENT IN WALLS SURROUNDING SHOWERS, FIBERGLASS SHOWER SURROUNDINGS CAN BE REINFORCED TO ALLOW GRAB BARS TO BE ATTACHED TO SHOWER. ALLOWABLE STRESSES SHALL BE DESIGNED TO RESIST A VERTICAL OR HORIZONTAL FORCE OF 250 LBS APPLIED AT ANY POINT ON THE GRAB BAR, FASTNER MOUNTING DEVICE, OR SUPPORTING STRUCTURE.
7. PROVIDE GRAB BARS, AS ILLUSTRATED HEREIN, WITHIN PUBLIC AND COMMON SPACES, CODE MINIMUM AND MAXIMUM HEIGHTS ARE NOTED. SPECIFIC HEIGHT MAY BE CALLED OUT ON INTERIOR ELEVATIONS FOR COORDINATION WITH ACCESSORIES ABOVE GRAB BARS.
8. COMPLY WITH MOUTING HEIGHTS INDICATED HEREIN FOR WALL-MOUNTED ITEMS. MOUNTING HEIGHTS APPLY TO ALL ITEMS IN ACCESSIBLE AND TYPE A UNITS SAME AS PUBLIC/COMMON AREAS.
9. COMPLY WITH GENERAL BUILDING CLEARANCE REQUIREMENTS AS INDICATED HEREIN. CLEAR FLOOR SPACE REQUIREMENTS SHOWN DASHED. REFERENCE "TYPICAL SYMBOLS LEGEND" WITHIN ACCESSIBLE AND TYPE A MOBILITY UNITS, ALL DOORS FOR USER SHALL HAVE DOOR MANEUVERING CLEARANCES SAME AS IN PUBLIC AND COMMON AREAS. ALL TURNING SPACE, FLOOR LEVEL CHANGES AND REACH RANGES FROM PREVIOUS SHEET APPLY IN UNITS SAME AS IN PUBLIC AND COMMON AREAS.
10. ENCROACHMENT INTO FLOOR CLEARANCE AREAS AT DOORS, CASEWORK, OR EQUIPMENT IS NOT ALLOWED UNLESS OTHERWISE NOTED.
11. NOTIFY THE ARCHITECT IMMEDIATELY IF CONFLICTS ARE DISCOVERED BETWEEN THE REQUIREMENTS ILLUSTRATED HEREIN AND THOSE ON OTHER DRAWINGS.
12. OPERABLE PARTS IN PUBLIC, COMMON, ACCESSIBLE UNITS, TYPE A UNITS SHALL BE OPERATED WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5.0 POUNDS (22.2 N) MAXIMUM.
13. FOR SHOWERS REQUIRED TO COMPLY WITH DETAILS ON THESE SHEETS, FOLLOW INFORMATION PROVIDED IN DETAILS. FOR NON-ACCESSIBLE SHOWERS AND WHERE NOT NOTED HERE, FIXED SHOWER HEAD TO BE MOUNTED AT 80" FROM FLOOR TO CENTER. SHOWER CURTAIN ROD FOR TUB/ SHOWERS SHALL BE MOUNTED AT 77" TO CENTER FOR TYPE B UNIT AND NON-ACCESSIBLE SHOWER WITH CURB, AND 74" FOR ALL OTHER SHOWERS.
14. ALL DIMENSIONS ON THIS SHEET ARE MEASURED TO FINISH FLOOR EXCEPT FOR ITEMS WITHIN IN STAND-ALONE SHOWER ARE NOTED TO FLOOR SURFACE OF SHOWER BELOW ITEM.
15. PROVIDE A HAND SHOWER WITH A HOSE 59" MIN IN LENGTH THAT CAN BE USED AS BOTH FIXED SHOWER HEAD AND AS A HAND SHOWER. THE HAND SHOWER SHALL HAVE A CONTROL WITH NON-POSITIVE SHUT-OFF FEATURE. AN ADJUSTABLE HEIGHT HAND SHOWER MOUNTED ON A VERTICAL BAR SHALL BE INSTALLED SO AS NOT TO OBSTRUCT THE USE OF GRAB BARS. HAND SHOWER MOUNTED AT 45° MAX TO BOTTOM OF SLIDE BAR.
16. MAXIMUM 2'-10" (AFF) TO TOP OF COUNTER TOP AT ACCESSIBLE LAVATORY WITH UNDER MOUNT SINKS - 2'-10" (AFF) TO TOP OF FLOW RING AT DROP-IN SINK.

## ABBREVIATIONS

| | |
|---|---|
| APC | ACOUSTICAL PANEL CEILING |
| AFF | ABOVE FINISHED FLOOR |
| AHU | AIR HANDLING UNIT |
| ALT | ALTERNATE |
| ALUM | ALUMINUM |
| APPROX | APPROXIMATE |
| ARCH | ARCHITECT(URAL), ARCHITECT |
| BLDG | BUILDING |
| CF/CI | CONTRACTOR FURNISHED, CONTRACTOR INSTALLED |
| CF/OI | CONTRACTOR FURNISHED, OWNER INSTALLED |
| CFMF | COLD-FORMED METAL FRAMING |
| CG | CORNER GUARD |
| CIP | CAST-IN-PLACE |
| CJ | CONTROL JOINT |
| CL | CENTER LINE |
| CLG | CEILING |
| CLR | CLEAR |
| cm | CENTIMETER |
| CMU | CONCRETE MASONRY UNIT |
| COL | COLUMN |
| CONC | CONCRETE |
| COORD | COORDINATE |
| DBL | DOUBLE |
| DEG | DEGREE |
| DEMO | DEMOLISH, DEMOLITION |
| DIA | DIAMETER |
| DIM | DIMENSION |
| DISP | DISPENSER |
| DS | DOWNSPOUT |
| DWG | DRAWING |
| E | EAST |
| EA | EACH |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELEC | ELECTRIC(AL) |
| ELEV | ELEVATOR |
| EOS | EDGE OF SLAB |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| EW | EACH WAY |
| EXIST | EXISTING |
| EXT | EXTERIOR |
| FD | FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FE | FIRE EXTINGUISHER |
| FEC | FIRE EXTINGUISHER CABINET |
| FF | FINISH FACE |
| FHC | FIRE HOSE CABINET |
| FIN | FINISH(ED) |
| FLR | FLOOR |
| FP | FIRE PROTECTION/ FIREPROOF |
| FRTW | FIRE RETARDANT TREATED WOOD |
| FT | FOOT (FEET) |
| FTG | FOOTING |
| FURN | FURNISH, FURNITURE |
| GA | GAGE |
| GALV | GALVANIZED |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GFRG | GLASS FIBER REINFORCED GYPSUM |
| GL | GLASS |
| GLU LAM | GLUED LAMINATED WOOD |
| GYP BD | GYPSUM BOARD |
| GYP PLAS | GYPSUM PLASTER |
| H | HIGH |
| HM | HOLLOW METAL |
| HORIZ | HORIZONTAL |
| HP | HIGH POINT |
| HT | HEIGHT |
| HVAC | HEATING, VENTILATION, AIR CONDITIONING |
| ID | INSIDE DIAMETER |
| INSUL | INSULATION |
| INT | INTERIOR |
| L | LONG, LENGTH |
| LAM | LAMINATE(D) |
| LF | LINEAR FOOT, (FEET) |
| LP | LOW POINT |
| LVR | LOUVER |
| m | METER |
| MAX | MAXIMUM |
| MECH | MECHANICAL |
| MEP | MECHANICAL, ELECTRICAL, PLUMBING |
| MFR | MANUFACTURER |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| mm | MILLIMETER |
| MO | MASONRY OPENING |
| MTL | METAL |
| N | NORTH |
| NIC | NOT IN CONTRACT |
| NOM | NOMINAL |
| NTS | NOT TO SCALE |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| OF/CI | OWNER FURNISHED, CONTRACTOR INSTALLED |
| OF/OI | OWNER FURNISHED, OWNER INSTALLED |
| OPH | OPPOSITE HAND |
| PCC | PRE-CAST CONCRETE |
| PERF | PERFORATED |
| PLAM | PLASTIC LAMINATE |
| PLBG | PLUMBING |
| PNT | PAINT |
| PREFAB | PREFABRICATE(D) |
| PROJ | PROJECT |
| PROP | PROPERTY |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| QTY | QUANTITY |
| R | RADIUS, RISER |
| RCP | REFLECTED CEILING PLAN |
| RD | ROOF DRAIN |
| REINF | REINFORCE, REINFORCING |
| REQ(D) | REQUIRE, REQUIRED |
| REV | REVISION |
| RM | ROOM |
| RO | ROUGH OPENING |
| S | SOUTH |
| SCHED | SCHEDULE |
| SECT | SECTION |
| SF | SQUARE FOOT(FEET) |
| SIM | SIMILAR |
| SPEC | SPECIFICATION |
| SST | STAINLESS STEEL |
| STC | SOUND TRANSMISSION CLASS |
| STD | STANDARD |
| STRUCT | STRUCTURAL |
| T | TREAD |
| T/ | TOP OF |
| T&G | TONGUE & GROOVE |
| TEMP | TEMPORARY |
| THK | THICK |
| TYP | TYPICAL |
| U | HEAT TRANSFER COEFFICIENT |
| UL | UNDERWRITERS LABORATORIES |
| UNO | UNLESS NOTED OTHERWISE |
| VERT | VERTICAL |
| VIF | VERIFY IN FIELD |
| W | WEST |
| W/ | WITH |
| W/O | WITHOUT |
| WD | WOOD |
| WWF | WELDED WIRE FABRIC |
| WWM | WELDED WIRE MESH |
| X | BY |

## SYMBOLS LEGEND

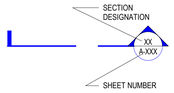
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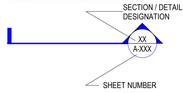

### SHEET KEYNOTE TAGS



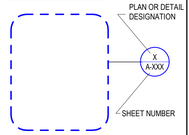

### BUILDING SECTION TAG



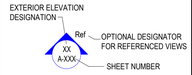

### WALL / DETAIL SECTION TAGS




### ENLARGED PLAN TAG

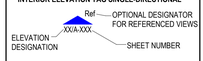



### EXTERIOR ELEVATION TAG




### INTERIOR ELEVATION TAGS

**INTERIOR ELEVATION TAG SINGLE-DIRECTIONAL**




### DOOR IDENTIFICATION TAG



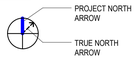

### EQUIPMENT DESIGNATION

XXXXX — EQUIPMENT TAG
REFER TO A66 SERIES FOR INFORMATION

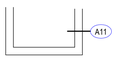
### TOILET ACCESSORY TAG

TA-1 — TOILET ACCESSORY TAG. REFER TO THIS SHEET FOR LEGEND AND MOUNTING HEIGHTS

### NORTH ARROW




### PARTITION TAG




REFER TO A61 SERIES FOR PARTITION TYPES

### GLAZING TAG

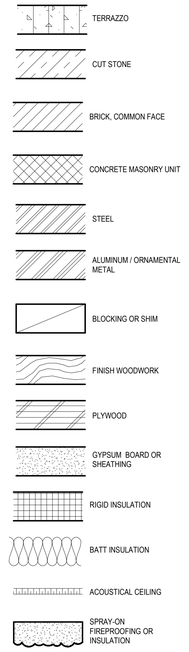
A — EXTERIOR GLAZING SYSTEM TAG. REFER TO A33 SERIES FOR SCHEDULE

1 — INTERIOR GLAZING SYSTEM TAG. REFER TO A63 SERIES FOR SCHEDULE

## GENERAL PROJECT NOTES

1. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
2. DO NOT SCALE THE DRAWINGS. IF DIMENSIONS ARE IN QUESTION OBTAIN CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING.
3. DIMENSIONS SHOWN ON THE FLOOR PLANS FOR NEW CONSTRUCTION ARE TO THE FACE OF GYPSUM BOARD FOR PARTITIONS, TO CENTER LINE OF COLUMNS AND TO FACE OF CONCRETE OR MASONRY WALLS UNLESS OTHERWISE INDICATED. DIMENSIONS IN RENOVATED AREAS ARE FROM FINISH FACE OF EXISTING WALLS AND TO FINISH FACE OF GYPSUM BOARD FOR NEW PARTITIONS UNLESS OTHERWISE INDICATED.
4. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS. COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION OF OFCI EQUIPMENT. MINIMUM REQUIRED OPENINGS AND ACCESSIBLE ROUTES TO THE INSTALLATION AREA SHALL BE COORDINATED WITH THE SUPPLIER.
5. FINISH FLOOR ELEVATIONS ARE TO TOP OF STRUCTURAL FLOOR UNLESS OTHERWISE NOTED.
6. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE.
7. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A PARTITION ARE TO BE CONSISTENT FOR THE LENGTH AND HEIGHT OF A PARTITION.
8. OPENINGS IN A RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH A FIRE RESISTANT JOINT SYSTEMS OR PROTECTED WITH A FIRE RATED CHASE.
9. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
10. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
11. COORDINATE LOCATION OF SEALANT AND COMPATIBILITY OF SEALANTS WITH ADJACENT WORK, INCLUDING MATERIALS AND OTHER CONTIGUOUS SEALANTS.
12. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES.
13. DO NOT HANG (SUPPORT) ANY ITEMS FROM METAL ROOF DECK. IT IS ACCEPTABLE TO ATTACH CEILING SYSTEM WIRE HANGERS FROM JOISTS OR BEAMS. IF NO JOIST OR BEAM IS AVAILABLE, PROVIDE SUPPLEMENTAL STEEL SUPPORTS

## MATERIALS AT LARGE SCALES





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PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
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MultiCare Good Samaritan Hospital

**MULTICARE**

**KEY PLAN**

**ISSUE CHART**

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

**TITLE**

**REFERENCE SHEET**

**SHEET NUMBER**

**A00-01**

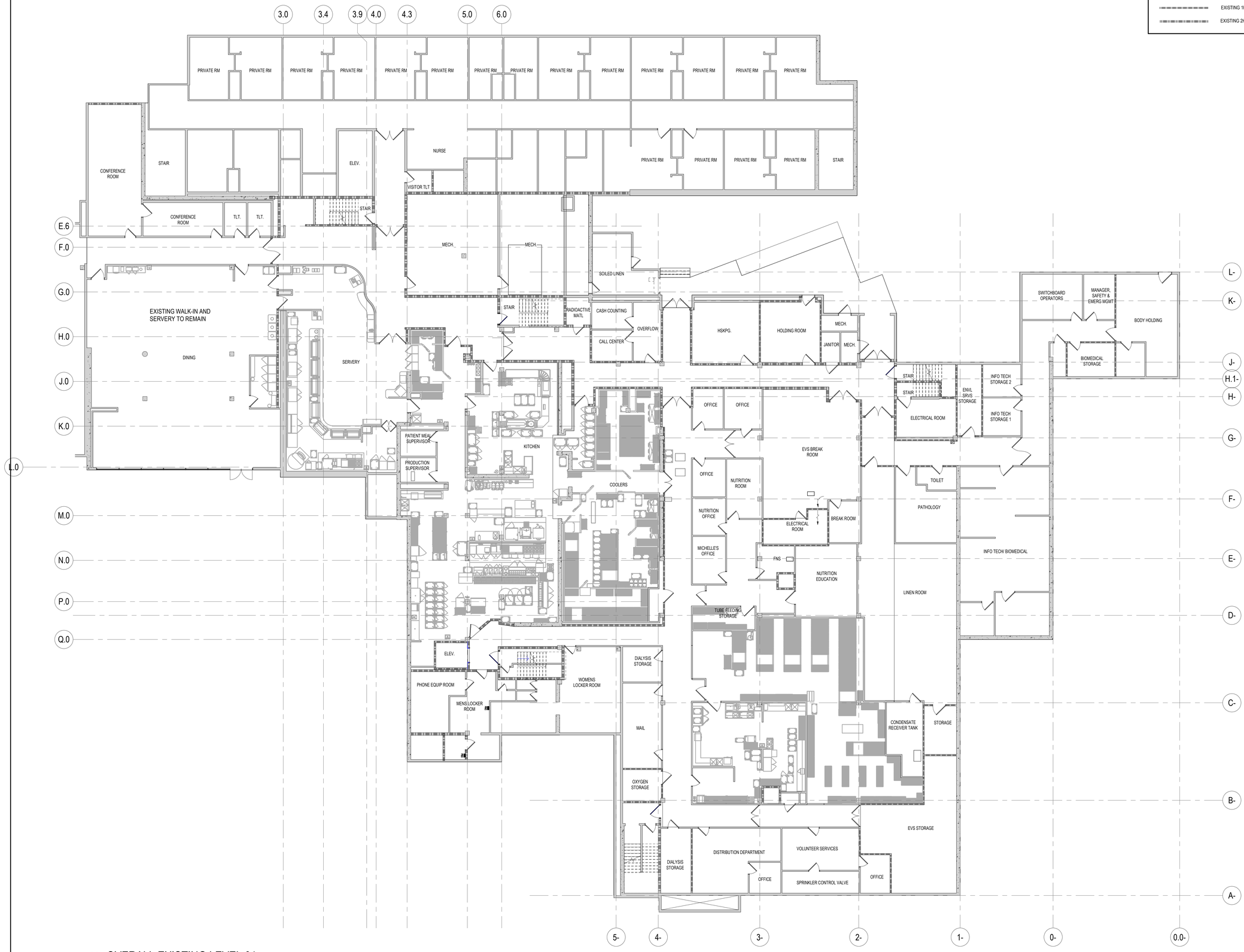
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FOR INFORMATION ONLY

## FIRE AND SMOKE RATING LEGEND

- NOT IN CONTRACT
- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER




1 OVERALL EXISTING LEVEL 01
SCALE 3/32" = 1'-0"


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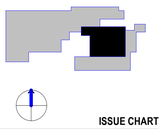
PHASE 1 PERMIT CORRECTIONS 07.21.2025

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KEY PLAN



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**Job Number** 162433.000

TITLE

**OVERALL EXISTING FLOOR PLAN LEVEL 01**

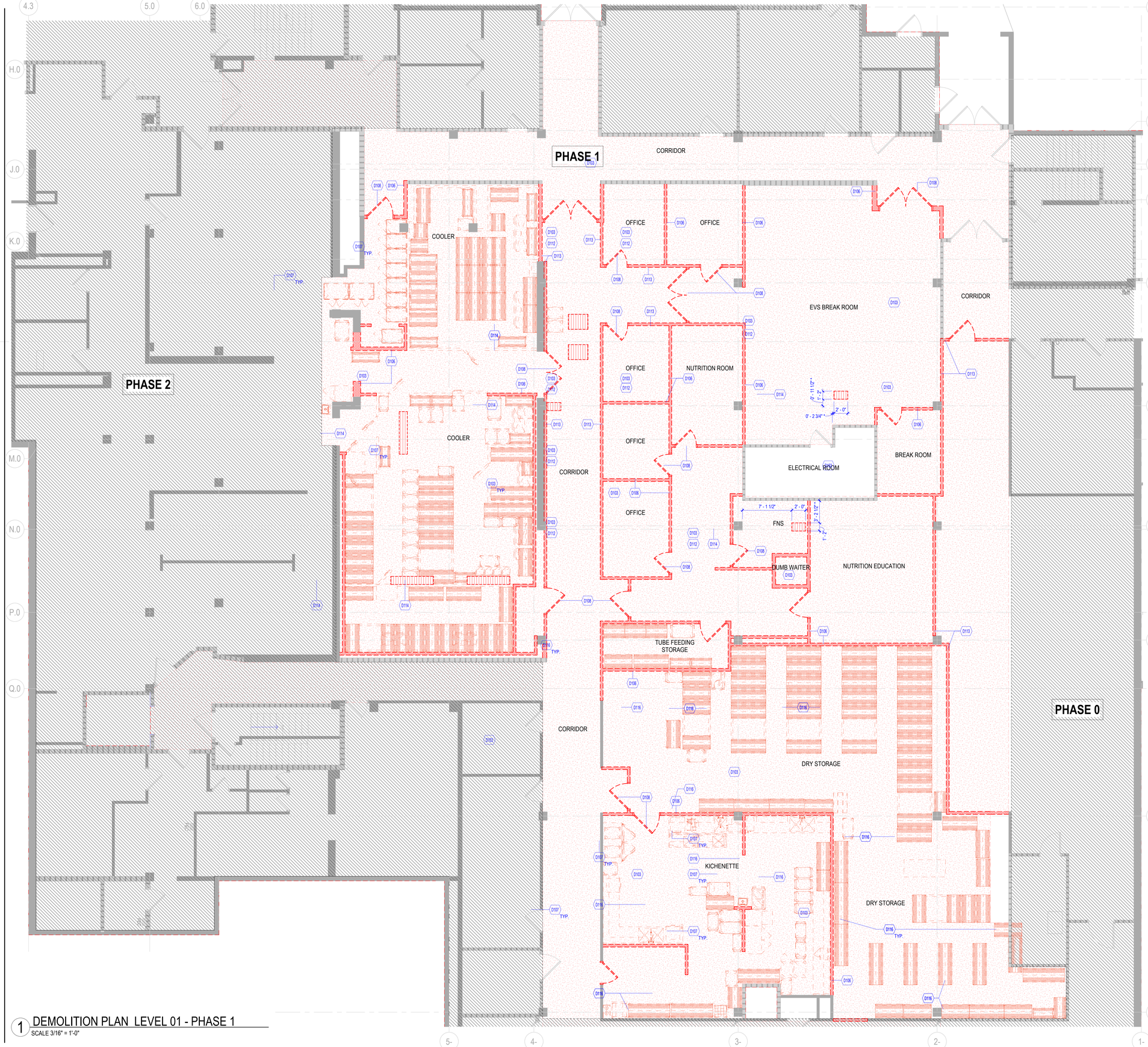
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1 DEMOLITION PLAN LEVEL 01 - PHASE 1
SCALE 3/16" = 1'-0"

# DEMOLITION PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD SURVEY THE SITE OF PROPOSED WORK TO DETERMINE THE EXTENT AND NATURE OF THE DEMOLITION WORK. REFER TO ALL CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND SCOPE OF DEMOLITION WORK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. CONTRACTOR TO SCAN OR X-RAY FLOOR PRIOR TO CUTTING OPENINGS FOR FLOOR PENETRATIONS.
3. PROTECTION SHALL BE PROVIDED FOR BASE BUILDING CONSTRUCTION AND ALL EXISTING CONSTRUCTION TO REMAIN.
4. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, ELECTRICAL COMMUNICATION, AND LIFE SAFETY DEVICES WITH THE LANDLORD AND OWNER PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD AND OWNER.
5. COORDINATE WITH OWNER TO VERIFY THAT OWNER HAS REMOVED ALL ITEMS SCHEDULED OR PLANNED TO BE REMOVED BY OWNER.
6. WHERE PARTITIONS ARE BEING REMOVED, ALL ELECTRICAL OUTLETS AND SWITCHES SHALL BE DISCONNECTED AT SUPPLY JUNCTION BOXES, UNO.
7. WHERE PLUMBING, WATER LINES, WASTES, AND VENTS ARE REMOVED, THEY SHALL BE DISCONNECTED AND CAPPED AT THE TAP SOURCE; ADEQUATELY RECESS TO ACCOMMODATE PATCHING AND FINISH OF THE FINISH SURFACE.
8. WHERE TACKLESS CARPET AND/OR PAD ARE BEING REMOVED, REMOVE MECHANICAL ATTACHMENTS TO THE FLOOR.
9. WHERE GLUE DOWN CARPET, RESILIENT FLOORING OR OTHER GLUED FLOOR INSTALLATIONS ARE TO BE REMOVED, REMOVE ALL ADHESIVE TO LEAVE THE FLOOR WITH A SMOOTH, FINISH.
10. REMOVE ALL LOW VOLTAGE CABLING AND CONNECTORS THAT ARE NOT REQUIRED FOR THE OPERATION OF THE FINAL LOW VOLTAGE SYSTEM.
11. ALL EMPTY CONDUITS TO BE REMOVED.
12. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO OWNER OR ARCHITECT. IMMEDIATELY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.
13. IF SALVAGED DOORS FOR FUTURE USE ARE NOT NEEDED TO BE RATED REMOVE RATED MARKINGS

# LEGEND

| | |
|---|---|
| X' - X" | REFER STRUCTURE FOR DIMENSION |
| | CONSTRUCTION TO BE REMOVED |
| | NOT IN CONTRACT |
| | AREA OUT OF ARCHITECTURAL SCOPE FOR CURRENT PHASE (BUT REFER TO OTHER DISCIPLINE DEMOLITION DOCUMENTS FOR ADDITIONAL WORK) |
| | FLOOR SLAB TO BE REMOVED WITHIN AREA INDICATED. REFER MECHANICAL, PLUMBING AND STRUCTURE. |
| | WALL TO BE REMOVED WITHIN AREA INDICATED |
| | FLOOR FINISH TO BE REMOVED WITHIN AREA INDICATED |
| EX | EXISTING TO REMAIN |
| ED | EXISTING TO BE DEMOLISHED |
| ES | EXISTING TO BE SALVAGED |
| | EXISTING CONSTRUCTION TO REMAIN |
| | NEW NON-RATED CONSTRUCTION |
| | EXISTING 1HR FIRE BARRIER |
| | EXISTING 2HR FIRE BARRIER |
| | EXTENT OF PHASE-I |

| | |
|---|---|
| <<< | Indicates Sheet Keynote on Plan |
| D103 | DEMOLISH EXISTING FLOOR FINISH AND BASE. |
| D106 | NOT USED |
| D107 | EXISTING COUNTERS, EQUIPMENT AND PLUMBING FIXTURES TO BE REMOVED. |
| D108 | EXISTING DOOR, FRAME AND HARDWARE TO BE DEMOLISHED. |
| D112 | EXISTING OFFICE FURNITURE TO BE SALVAGED AND REUSED. DETAILS TO BE COORDINATED WITH OWNER. |
| D113 | EXISTING INTERIOR PARTITION, WALL MOUNTED FIXTURES AND WALL PROTECTION ALONG CORRIDOR TO BE DEMOLISHED. |
| D114 | SLAB TO BE DEMOLISHED WITHIN AREA INDICATED. REFER TO STRUCTURAL AND FOOD SERVICE DRAWINGS FOR SIZING AND LOCATION. |
| D116 | EXISTING DRY STORAGE EQUIPMENT TO BE REMOVED AND SALVAGED. DETAILS TO BE COORDINATED WITH OWNER. |

# DEMOLITION PLAN KEYNOTES


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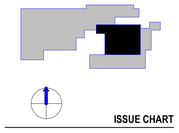
PHASE 1 PERMIT CORRECTIONS 07.21.2025

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MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
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Job Number 162433.000

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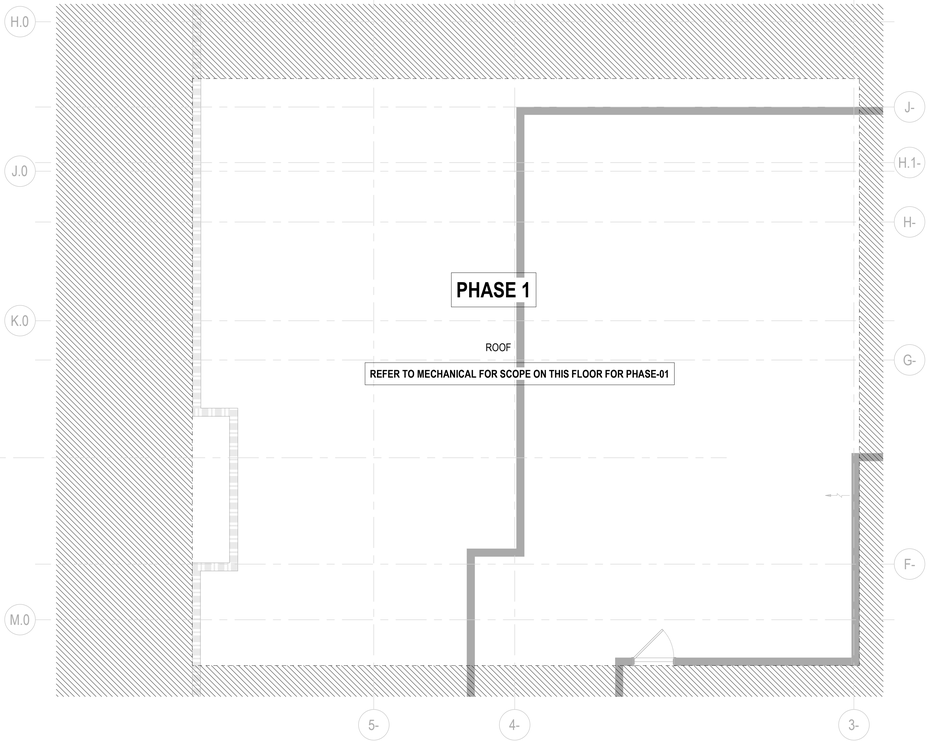
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SHEET NUMBER

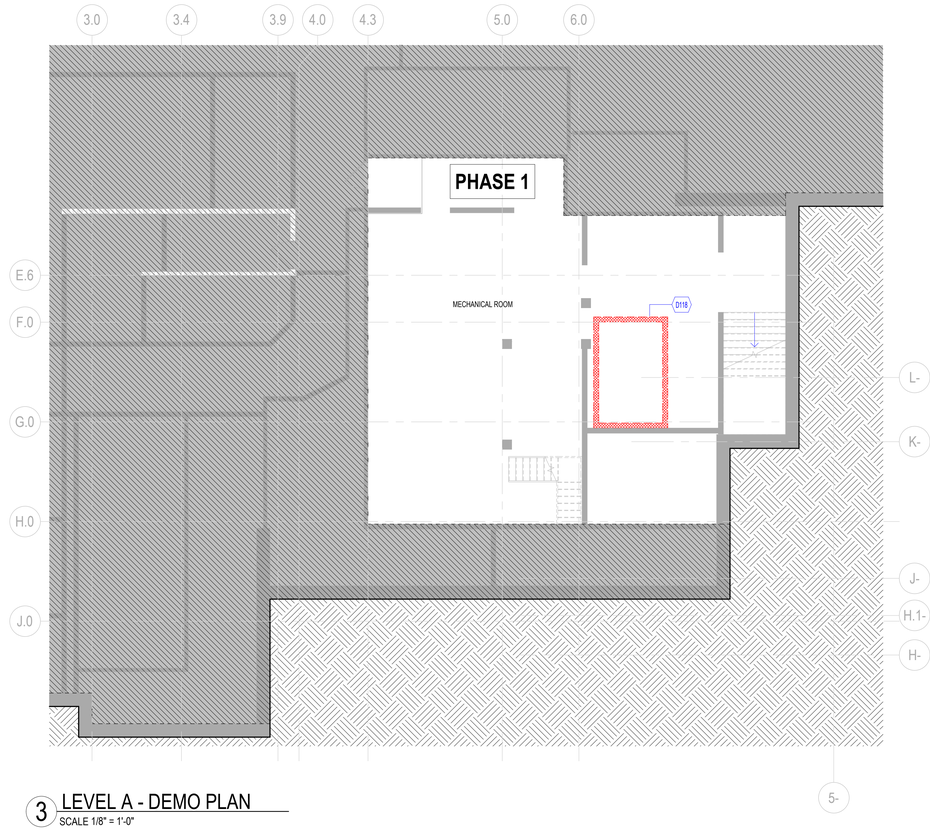
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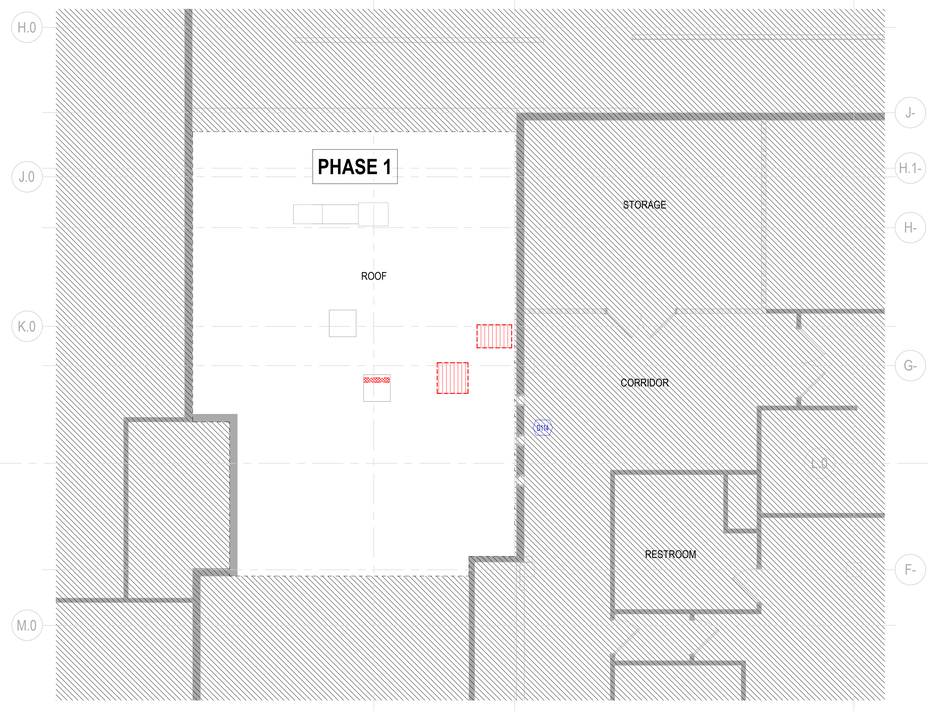
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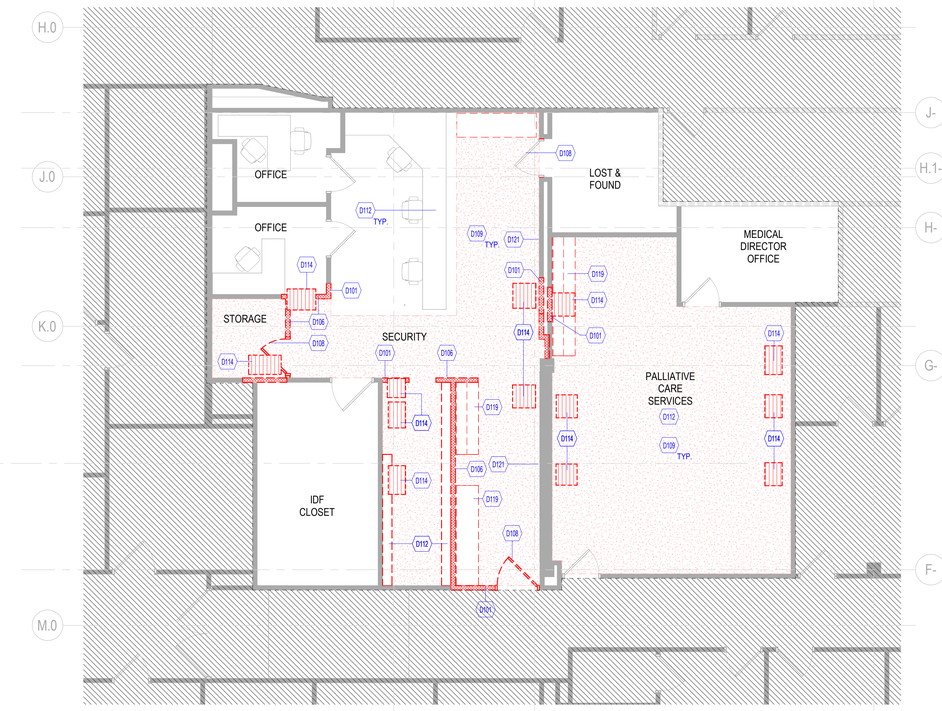

2 LEVEL 04 - DEMO PLAN
SCALE 3/16" = 1'-0"




3 LEVEL A - DEMO PLAN
SCALE 1/8" = 1'-0"




1 LEVEL 03 - DEMO PLAN
SCALE 3/16" = 1'-0"




4 LEVEL 02 - DEMO PLAN
SCALE 3/16" = 1'-0"

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## LEGEND

| | |
|---|---|
| X' - X'' | REFER STRUCTURE FOR DIMENSION |
| ========= | CONSTRUCTION TO BE REMOVED |
| | NOT IN CONTRACT |
| | AREA OUT OF ARCHITECTURAL SCOPE FOR CURRENT PHASE (BUT REFER TO OTHER DISCIPLINE DEMOLITION DOCUMENTS FOR ADDITIONAL WORK) |
| | FLOOR SLAB TO BE REMOVED WITHIN AREA INDICATED. REFER MECHANICAL, PLUMBING AND STRUCTURE. |
| | WALL TO BE REMOVED WITHIN AREA INDICATED |
| | FLOOR FINISH TO BE REMOVED WITHIN AREA INDICATED |
| EX | EXISTING TO REMAIN |
| ED | EXISTING TO BE DEMOLISHED |
| ES | EXISTING TO BE SALVAGED |
| | EXISTING CONSTRUCTION TO REMAIN |
| | NEW NON-RATED CONSTRUCTION |
| | EXISTING 1HR FIRE BARRIER |
| | EXISTING 2HR FIRE BARRIER |
| | EXTENT OF PHASE-I |

<<< Indicates Sheet Keynote on Plan

| | |
|---|---|
| D101 | DEMOLISH PORTION OF EXISTING PARTITION. |
| D106 | NOT USED |
| D108 | EXISTING DOOR, FRAME AND HARDWARE TO BE DEMOLISHED. |
| D109 | NOT USED |
| D112 | EXISTING OFFICE FURNITURE TO BE SALVAGED AND REUSED. DETAILS TO BE COORDINATED WITH OWNER. |
| D114 | SLAB TO BE DEMOLISHED WITHIN AREA INDICATED. REFER TO STRUCTURAL AND FOOD SERVICE DRAWINGS FOR SIZING AND LOCATION. |
| D118 | EXISTING CMU WALL AND DECK TO BE DEMOLISHED. REFER STRUCTURE |
| D119 | EXISTING CASEWORK TO BE REMOVED. PLUMBING FIXTURES AND APPLIANCES TO BE SALVAGED AND REUSED. |
| D121 | EXISTING WALL DEVICES TO BE SALVAGED AND RELOCATED. |

## DEMOLITION PLAN KEYNOTES


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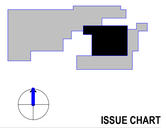
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PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
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MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

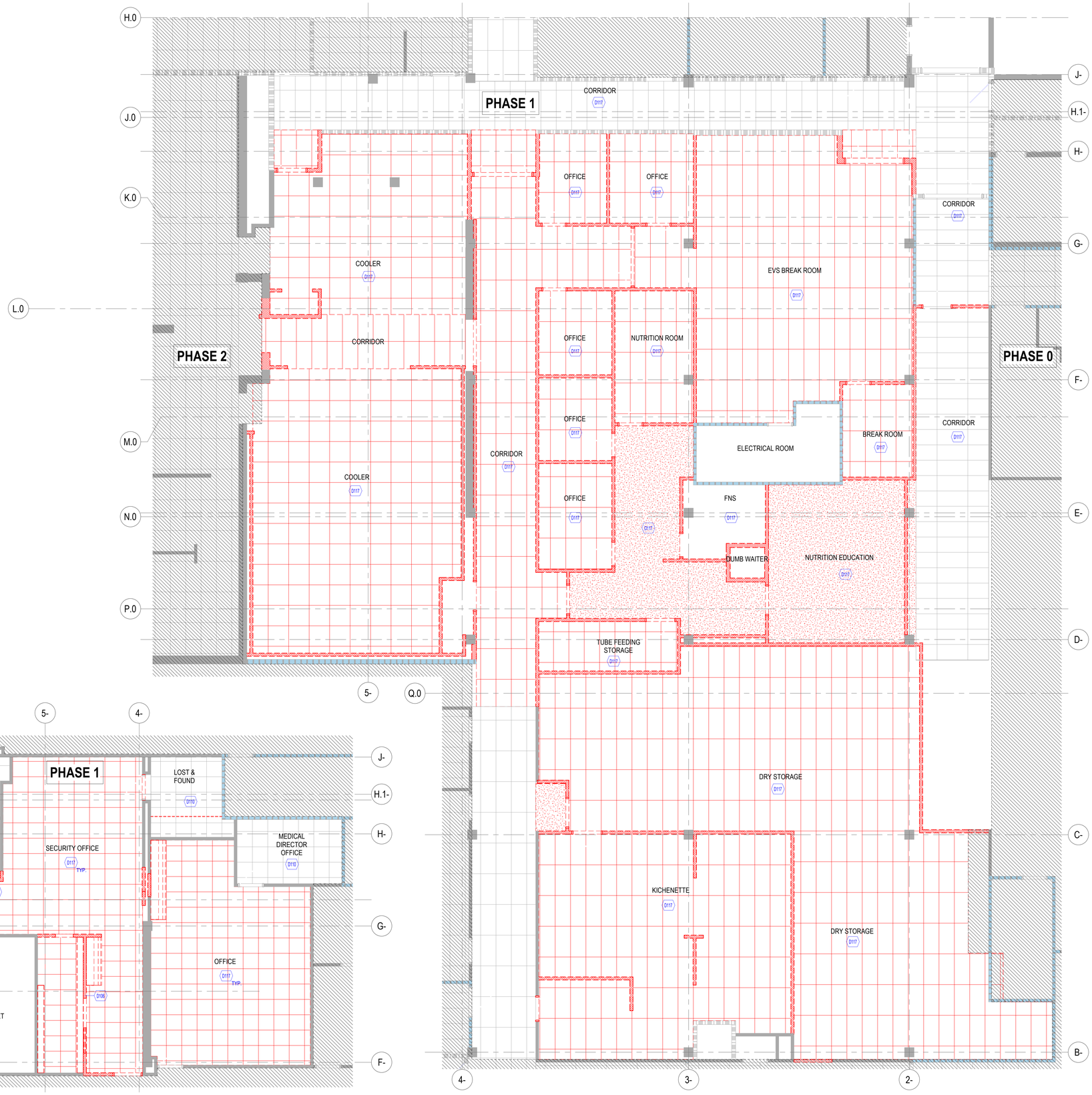
**PARTIAL DEMOLITION PLANS**

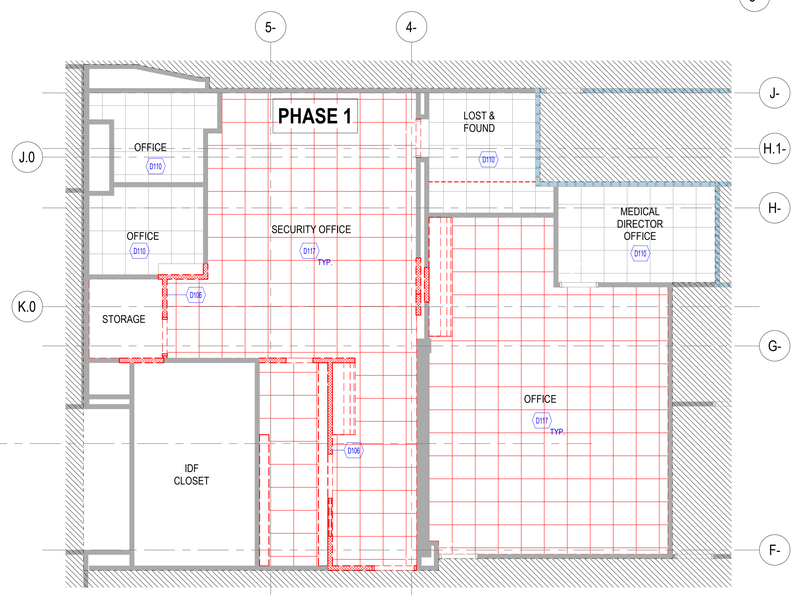
SHEET NUMBER

**A04-05**

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2 PARTIAL DEMOLITION RCP - LEVEL 02
SCALE 3/16" = 1'-0"

1 REFLECTED CEILING DEMOLITION PLAN LEVEL 01
SCALE 3/16" = 1'-0"

## DEMOLITION CEILING PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD SURVEY THE SITE OF PROPOSED WORK TO DETERMINE THE EXTENT AND NATURE OF THE DEMOLITION WORK. REFER TO ALL CONTRACT DOCUMENTS FOR ADDITIONAL REQUIREMENTS AND SCOPE OF DEMOLITION WORK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
2. CONTRACTOR TO SCAN OR X-RAY FLOOR PRIOR TO CUTTING OPENINGS FOR FLOOR PENETRATIONS.
3. PROTECTION SHALL BE PROVIDED FOR BASE BUILDING CONSTRUCTION AND ALL EXISTING CONSTRUCTION TO REMAIN.
4. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDUIT, WIRING, JUNCTION BOXES, ELECTRICAL COMMUNICATION, AND LIFE SAFETY DEVICES WITH THE LANDLORD AND OWNER PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION WORK. ALL EXISTING ITEMS TO REMAIN SHALL BE PROPERLY MARKED AT THE PROJECT SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LANDLORD AND OWNER.
5. COORDINATE WITH OWNER TO VERIFY THAT OWNER HAS REMOVED ALL ITEMS SCHEDULED OR PLANNED TO BE REMOVED BY OWNER.
6. WHERE PLUMBING, WATER LINES, WASTES, AND VENTS ARE REMOVED, THEY SHALL BE DISCONNECTED AND CAPPED AT THE TAP CONNECTION; ADEQUATELY RECESS TO ACCOMMODATE PATCHING AND FINISH OF THE FINISH SURFACE.
7. REMOVE ALL LOW VOLTAGE CABLING AND CONNECTORS THAT ARE NOT REQUIRED FOR THE OPERATION OF THE FINAL LOW VOLTAGE SYSTEM.
8. ALL EMPTY CONDUITS TO BE REMOVED.
9. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED AT NO COST TO OWNER OR ARCHITECT. IMMEDIATELY REPAIR ANY DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION OPERATIONS.

## LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE DEMOLISHED
- EXISTING ACOUSTICAL TILE CEILING SYSTEM TO BE DEMOLISHED
- EXISTING METAL CEILING SYSTEM ABOVE COOLERS TO BE DEMOLISHED
- EXISTING GYB BD CEILING AND SOFFIT TO BE DEMOLISHED
- EX — FIXTURE TO REMAIN
- ED — FIXTURE TO BE DEMOLISHED
- ES — FIXTURE TO BE SALVAGED

## DEMOLITION CEILING PLAN KEYNOTES

<<< Indicates Sheet Keynote on Plan

| | |
|---|---|
| D106 | NOT USED |
| D110 | EXISTING CEILING AND CEILING MOUNTED FIXTURES TO REMAIN. |
| D117 | EXISTING CEILING SYSTEM AND CEILING MOUNTED FIXTURES TO BE REMOVED. |


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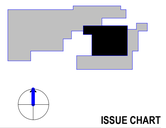
PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
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MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE

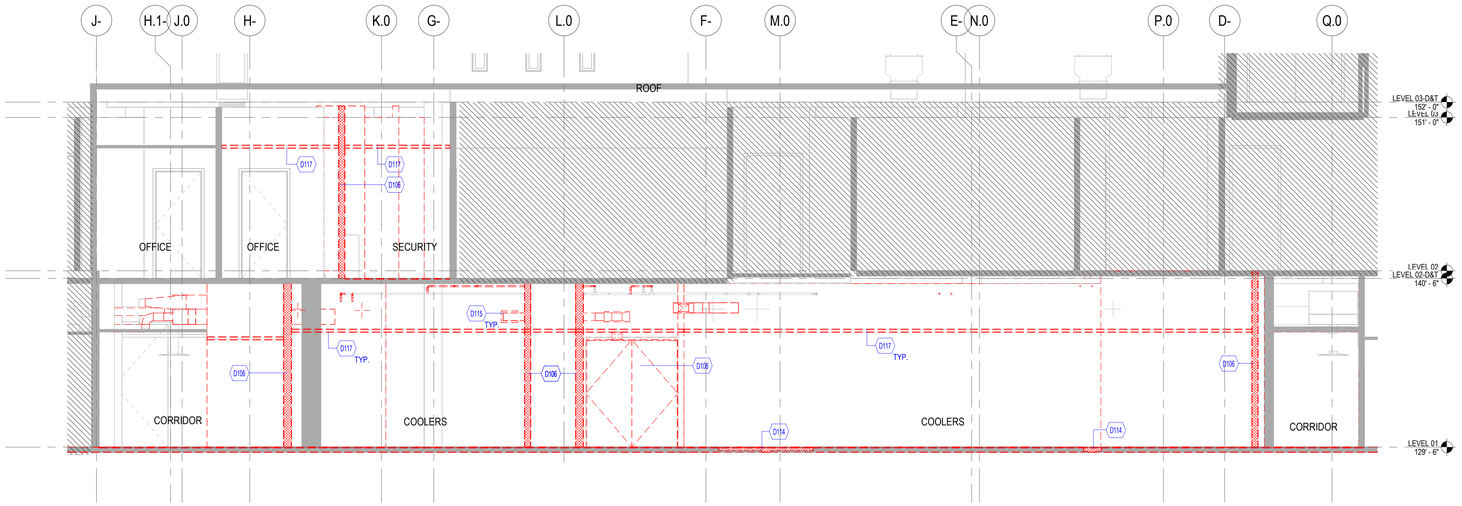
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SHEET NUMBER

**A05-01**

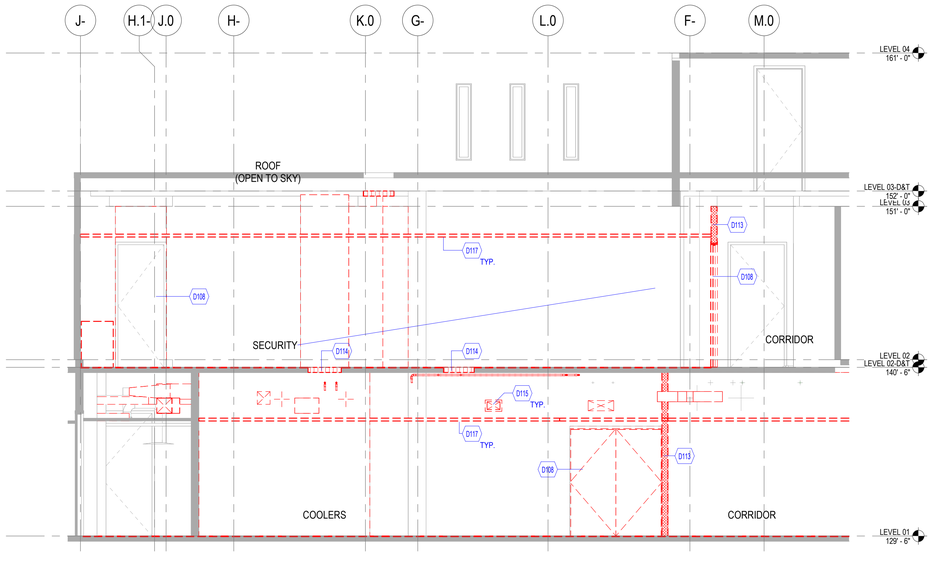
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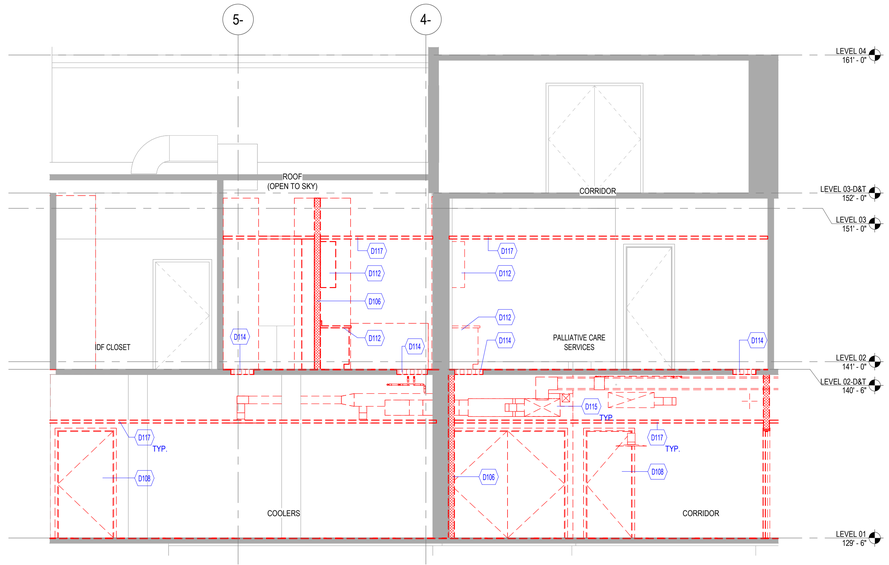

## 3 DEMO SECTION - THROUGH SS TROUGH

SCALE 1/4" = 1'-0"




## 2 DEMO SECTION - NEW DUCT PENETRATION AT L.3 ROOF

SCALE 1/4" = 1'-0"




## 1 DEMO SECTION - THROUGH NEW SHAFT PENETRATIONS AT L.02

SCALE 1/4" = 1'-0"

# GENERAL NOTES

1. REFER TO SHEET A00-01 FOR GENERAL PROJECT NOTES.
2. MATERIAL SYMBOLS ON ELEVATIONS ARE TO DISPLAY THE EXTENT OF THE MATERIAL ONLY. THEY ARE NOT TO SCALE.

# LEGEND

| | |
|---|---|
| X' - X"* | REFER STRUCTURE FOR DIMENSION |
| | CONSTRUCTION TO BE REMOVED |
| | NOT IN CONTRACT |
| | AREA OUT OF ARCHITECTURAL SCOPE FOR CURRENT PHASE. (BUT REFER TO OTHER DISCIPLINE DEMOLITION DOCUMENTS FOR ADDITIONAL WORK) |
| | FLOOR SLAB TO BE REMOVED WITHIN AREA INDICATED. REFER MECHANICAL, PLUMBING AND STRUCTURE. |
| | WALL TO BE REMOVED WITHIN AREA INDICATED |
| | FLOOR FINISH TO BE REMOVED WITHIN AREA INDICATED |
| EX | EXISTING TO REMAIN |
| ED | EXISTING TO BE DEMOLISHED |
| ES | EXISTING TO BE SALVAGED |
| | EXISTING CONSTRUCTION TO REMAIN |
| | NEW NON-RATED CONSTRUCTION |
| | EXISTING 1HR FIRE BARRIER |
| | EXISTING 2HR FIRE BARRIER |

| | |
|---|---|
| <<< | Indicates Sheet Keynote on Plan |
| D106 | NOT USED |
| D108 | EXISTING DOOR, FRAME AND HARDWARE TO BE DEMOLISHED. |
| D112 | EXISTING OFFICE FURNITURE TO BE SALVAGED AND REUSED. DETAILS TO BE COORDINATED WITH OWNER. |
| D113 | EXISTING INTERIOR PARTITION, WALL MOUNTED FIXTURES AND WALL PROTECTION ALONG CORRIDOR TO BE DEMOLISHED. |
| D114 | SLAB TO BE DEMOLISHED WITHIN AREA INDICATED. REFER TO STRUCTURAL AND FOOD SERVICE DRAWINGS FOR SIZING AND LOCATION. |
| D115 | REFER TO MECHANICAL/ELECTRICAL AND PLUMBING DRAWINGS FOR DEMOLITION SCOPE WITHIN PLENUM |
| D117 | EXISTING CEILING SYSTEM AND CEILING MOUNTED FIXTURES TO BE REMOVED. |


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PHASE 1 PERMIT CORRECTIONS 07.21.2025

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MULTICARE

KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE

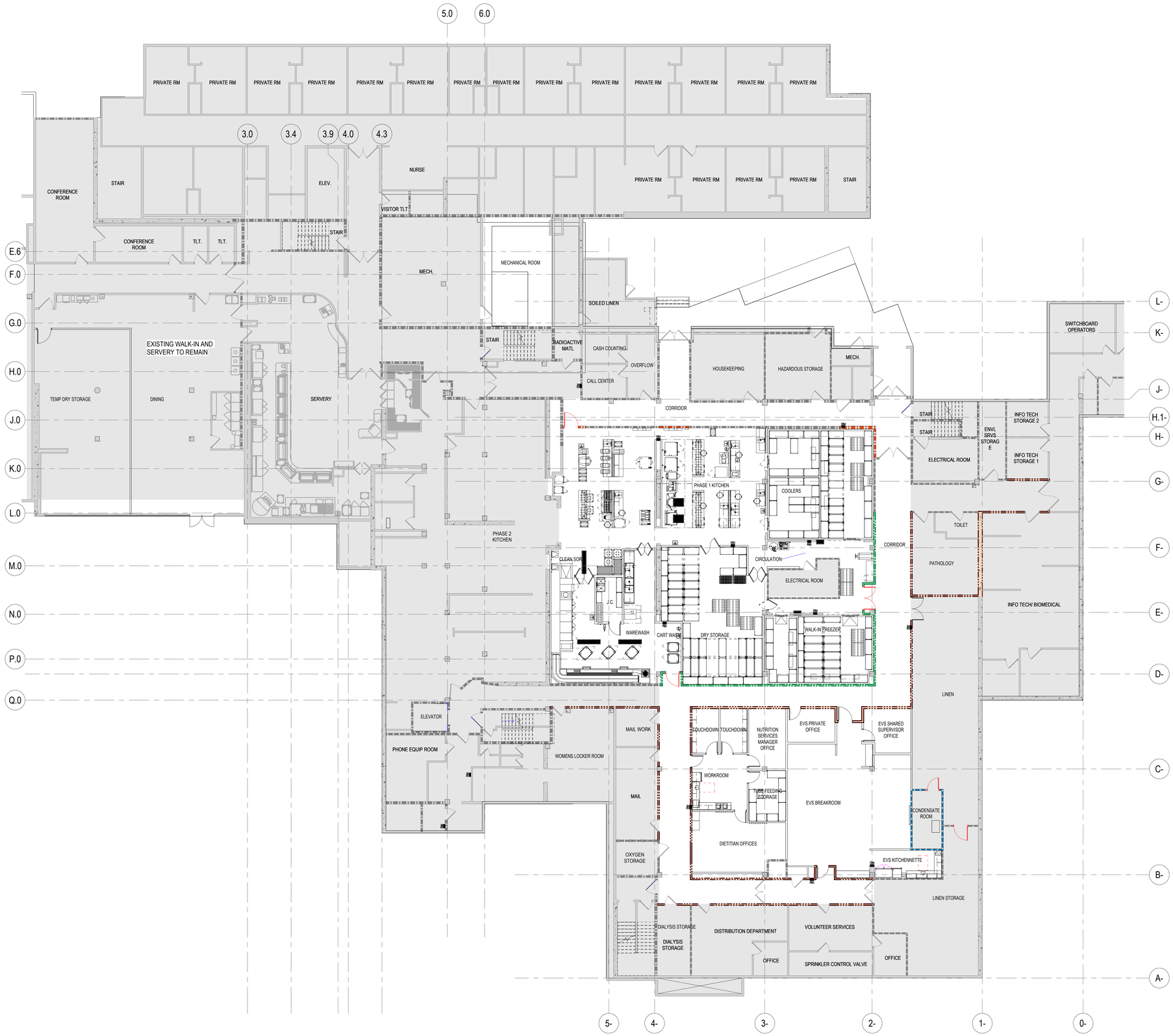
**DEMOLITION SECTIONS**

SHEET NUMBER

**A06-01**

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1 OVERALL LEVEL 01 - PHASE 1
SCALE 3/32" = 1'-0"

## FLOOR PLAN GENERAL NOTES

1. SEE THE A61 SERIES FOR PARTITION TYPES.
2. ADDITION TO OR INFILL OF EXISTING WALLS ARE TO MATCH ASSEMBLY, WIDTH AND FIRE RATING IF REQUIRED.
3. ALL PARTITIONS ARE TYPE * A42 * UNLESS NOTED OTHERWISE.
4. ALL SHAFT WALLS ARE TYPE "K40" UNLESS NOTES OTHERWISE. ALL SHAFT WALLS TO BE INSTALLED TIGHT TO DUCTS UNLESS DIMENSION PROVIDED.
5. ALL PARTITION TYPE A33 TO BE 5' 6", UNLESS NOTED OTHERWISE.
6. DOOR DIMENSIONS ARE TO EDGE OF DOOR LEAF UNLESS NOTED OTHERWISE.
7. FOR SWINGING DOORS, THE HINGE SIDE OF THE DOOR JAMB SHALL BE LOCATED 4" FROM THE ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
8. ROOM NUMBERS ARE FOR CONSTRUCTION ONLY.
9. EXISTING DOORS ARE TO BE SALVAGED FOR REINSTALLATION AT CORRESPONDING DOOR TAG LOCATIONS WHERE NOTED.
10. IF SALVAGED DOORS FOR FUTURE USE ARE NOT NEEDED TO BE RATED REMOVE RATED MARKINGS.
11. PARTITION DIMENSIONS ARE TO FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
12. FURNITURE IS SHOW FOR REFERENCE AND COORDINATION PURPOSES ONLY. ALL FURNITURE IS EXISTING TO BE RELOCATED, UNLESS NOTES OTHERWISE.
13. ALL COLUMNS TO RECEIVE WALL PROTECTION AND CORNER GUARDS, UNLESS NOTES OTHERWISE. REFER TO FINISH PLANS.

## FLOOR PLAN LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION (CONTRACTOR TO VERIFY AND LOCATE ALL EXISTING AND NEW FIRE PARTITIONS PRIOR TO CONSTRUCTION. FIRE RATED PARTITIONS ARE NOT SHOWN ON THIS PLAN FOR CLARITY. REFERENCE SHEETS 10-01 AND 12-01 FOR FIRE RATED PARTITION LOCATIONS)
- 1-X-301.1 — DOOR TAG REF A 62 SERIES FOR DOOR SCHEDULE
- A11 — PARTITION TAG REF A61 SERIES FOR CHARTS
- FEC — FIRE EXTINGUISHER CABINET, REFER TO A61-01 SHEET FOR INSTALLATION DETAIL
- CR — CARD READER EX DENOTES EXISTING TO REMAIN
- TC — TIME CLOCK EX DENOTES EXISTING TO REMAIN
- AO — AUTO OPERATOR EX DENOTES EXISTING TO REMAIN

## FLOOR PLAN KEYNOTES

## FIRE & SMOKE RATING LEGEND

- 90 — DOOR FIRE RATING
- PARTITION FIRE RATING
- PARTITION SMOKE REQUIREMENT
- EXISTING CONSTRUCTION TO REMAIN
- NEW NON-RATED CONSTRUCTION
- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION
- RATED DOOR (RED)
- NON-RATED DOOR
- EXISTING DOOR


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KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

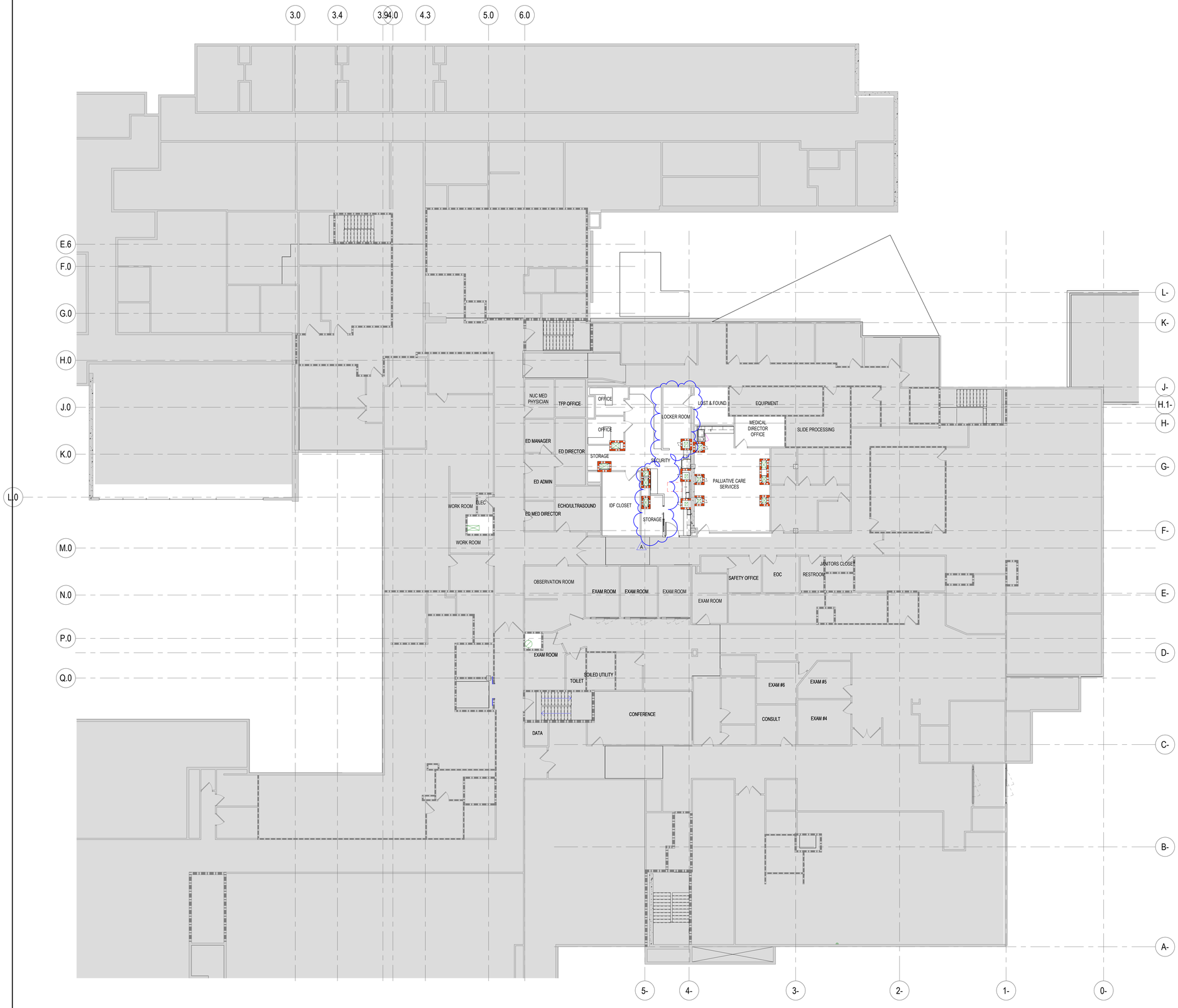
**OVERALL FLOOR PLAN LEVEL 01**

SHEET NUMBER

**A10-01**

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1 OVERALL FLOOR PLAN LEVEL 02
SCALE 3/32" = 1'-0"

## FLOOR PLAN GENERAL NOTES

1. SEE THE A61 SERIES FOR PARTITION TYPES.
2. ADDITION TO OR INFILL OF EXISTING WALLS ARE TO MATCH ASSEMBLY, WIDTH AND FIRE RATING IF REQUIRED.
3. ALL PARTITIONS ARE TYPE * A42 * UNLESS NOTED OTHERWISE.
4. ALL SHAFT WALLS ARE TYPE "K40" UNLESS NOTES OTHERWISE. ALL SHAFT WALLS TO BE INSTALLED TIGHT TO DUCTS UNLESS DIMENSION PROVIDED.
5. ALL PARTITION TYPE A33 TO BE 5' 6", UNLESS NOTED OTHERWISE.
6. DOOR DIMENSIONS ARE TO EDGE OF DOOR LEAF UNLESS NOTED OTHERWISE.
7. FOR SWINGING DOORS, THE HINGE SIDE OF THE DOOR JAMB SHALL BE LOCATED 4" FROM THE ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
8. ROOM NUMBERS ARE FOR CONSTRUCTION ONLY.
9. EXISTING DOORS ARE TO BE SALVAGED FOR REINSTALLATION AT CORRESPONDING DOOR TAG LOCATIONS WHERE NOTED.
10. IF SALVAGED DOORS FOR FUTURE USE ARE NOT NEEDED TO BE RATED REMOVE RATED MARKINGS.
11. PARTITION DIMENSIONS ARE TO FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
12. FURNITURE IS SHOW FOR REFERENCE AND COORDINATION PURPOSES ONLY. ALL FURNITURE IS EXISTING TO BE RELOCATED, UNLESS NOTES OTHERWISE.
13. ALL COLUMNS TO RECEIVE WALL PROTECTION AND CORNER GUARDS, UNLESS NOTES OTHERWISE. REFER TO FINISH PLANS.

NOTE:
REFER TO MECHANICAL/ PLUMBING SHEETS FOR SCOPE ON LEVELS 03/04 AND 05

## FLOOR PLAN LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION (CONTRACTOR TO VERIFY AND LOCATE ALL EXISTING AND NEW FIRE PARTITIONS PRIOR TO CONSTRUCTION. FIRE RATED PARTITIONS ARE NOT SHOWN ON THIS PLAN FOR CLARITY. REFERENCE SHEETS 10-01 AND 12-01 FOR FIRE RATED PARTITION LOCATIONS)
- 1-X-301.1 — DOOR TAG REF A 62 SERIES FOR DOOR SCHEDULE
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- FEC — FIRE EXTINGUISHER CABINET, REFER TO A61-01 SHEET FOR INSTALLATION DETAIL
- CR — CARD READER EX DENOTES EXISTING TO REMAIN
- TC — TIME CLOCK EX DENOTES EXISTING TO REMAIN
- AO — AUTO OPERATOR EX DENOTES EXISTING TO REMAIN

## FLOOR PLAN KEYNOTES

## FIRE & SMOKE RATING LEGEND

- 90 — DOOR FIRE RATING
- PARTITION FIRE RATING
- PARTITION SMOKE REQUIREMENT
- EXISTING CONSTRUCTION TO REMAIN
- NEW NON-RATED CONSTRUCTION
- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION
- RATED DOOR (RED)
- NON-RATED DOOR
- EXISTING DOOR


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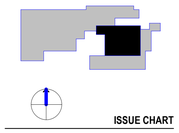

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MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

**OVERALL FLOOR PLAN LEVEL 02**

SHEET NUMBER

**A10-02**

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1 FLOOR PLAN LEVEL 01 - PHASE 1
SCALE 3/16" = 1'-0"

## FLOOR PLAN GENERAL NOTES

1. SEE THE A61 SERIES FOR PARTITION TYPES.
2. ADDITION TO OR INFILL OF EXISTING WALLS ARE TO MATCH ASSEMBLY, WIDTH AND FIRE RATING IF REQUIRED.
3. ALL PARTITIONS ARE TYPE * A42 * UNLESS NOTED OTHERWISE.
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5. ALL PARTITION TYPE A33 TO BE 5' 6", UNLESS NOTED OTHERWISE.
6. DOOR DIMENSIONS ARE TO EDGE OF DOOR LEAF UNLESS NOTED OTHERWISE.
7. FOR SWINGING DOORS, THE HINGE SIDE OF THE DOOR JAMB SHALL BE LOCATED 4" FROM THE ADJACENT PERPENDICULAR WALL, UNLESS NOTED OTHERWISE.
8. ROOM NUMBERS ARE FOR CONSTRUCTION ONLY.
9. EXISTING DOORS ARE TO BE SALVAGED FOR REINSTALLATION AT CORRESPONDING DOOR TAG LOCATIONS WHERE NOTED.
10. IF SALVAGED DOORS FOR FUTURE USE ARE NOT NEEDED TO BE RATED REMOVE RATED MARKINGS.
11. PARTITION DIMENSIONS ARE TO FACE OF GYPSUM BOARD UNLESS NOTED OTHERWISE.
12. FURNITURE IS SHOW FOR REFERENCE AND COORDINATION PURPOSES ONLY. ALL FURNITURE IS EXISTING TO BE RELOCATED, UNLESS NOTES OTHERWISE.
13. ALL COLUMNS TO RECEIVE WALL PROTECTION AND CORNER GUARDS, UNLESS NOTES OTHERWISE. REFER TO FINISH PLANS.

## FLOOR PLAN LEGEND

- NOT IN CONTRACT
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION (CONTRACTOR TO VERIFY AND LOCATE ALL EXISTING AND NEW FIRE PARTITIONS PRIOR TO CONSTRUCTION. FIRE RATED PARTITIONS ARE NOT SHOWN ON THIS PLAN FOR CLARITY. REFERENCE SHEETS 10-01 AND 12-01 FOR FIRE RATED PARTITION LOCATIONS)
- 1-X-301.1 — DOOR TAG REF A 62 SERIES FOR DOOR SCHEDULE
- A11 — PARTITION TAG REF A61 SERIES FOR CHARTS
- FEC — FIRE EXTINGUISHER CABINET, REFER TO A61-01 SHEET FOR INSTALLATION DETAIL
- CR — CARD READER EX DENOTES EXISTING TO REMAIN
- TC — TIME CLOCK EX DENOTES EXISTING TO REMAIN
- AO — AUTO OPERATOR EX DENOTES EXISTING TO REMAIN

## FLOOR PLAN KEYNOTES

## FIRE & SMOKE RATING LEGEND

- 90 — DOOR FIRE RATING
- PARTITION FIRE RATING
- PARTITION SMOKE REQUIREMENT
- EXISTING CONSTRUCTION TO REMAIN
- NEW NON-RATED CONSTRUCTION
- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
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- NEW SMOKE PARTITION
- RATED DOOR (RED)
- NON-RATED DOOR
- EXISTING DOOR


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PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE

**PARTIAL FLOOR PLAN LEVEL 01**

SHEET NUMBER

**A11-01**

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1 PARTIAL FLOOR PLAN LEVEL 02
SCALE 1/4" = 1'-0"

## FLOOR PLAN GENERAL NOTES

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## FLOOR PLAN KEYNOTES

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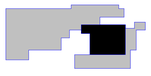
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MultiCare Good Samaritan Hospital
MULTICARE

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ISSUE CHART

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| B | CRS CORRECTIONS | 07.11.2025 |
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**Job Number** 162433.000

TITLE

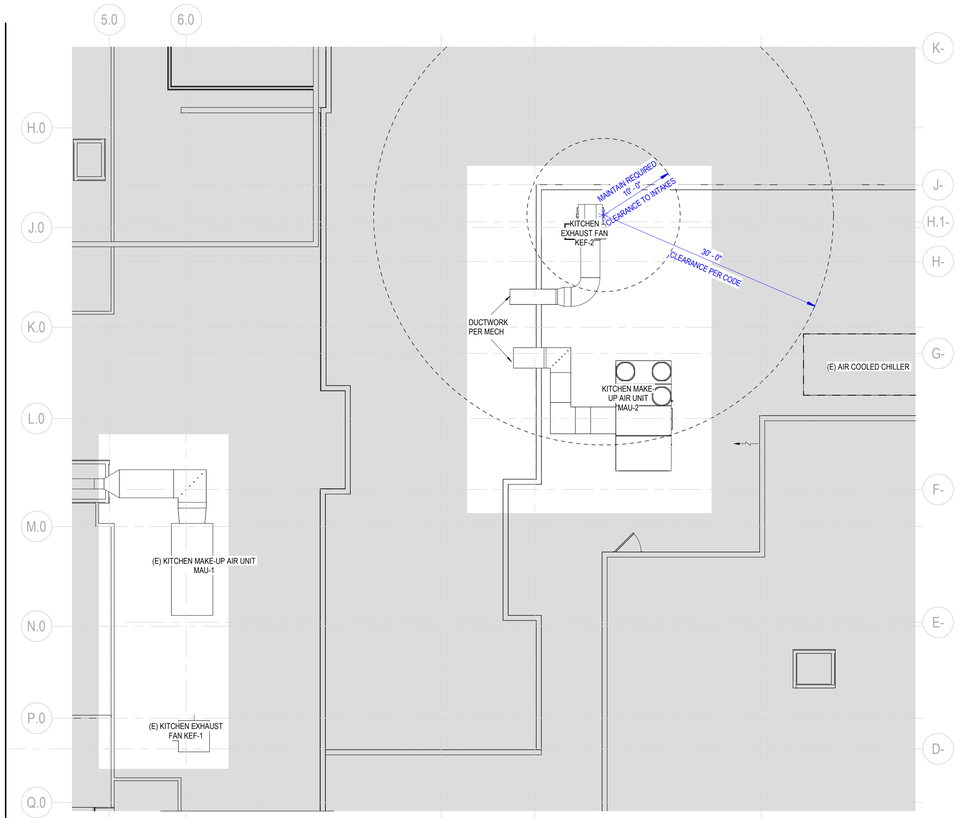
**PARTIAL FLOOR PLAN LEVEL 02**

SHEET NUMBER

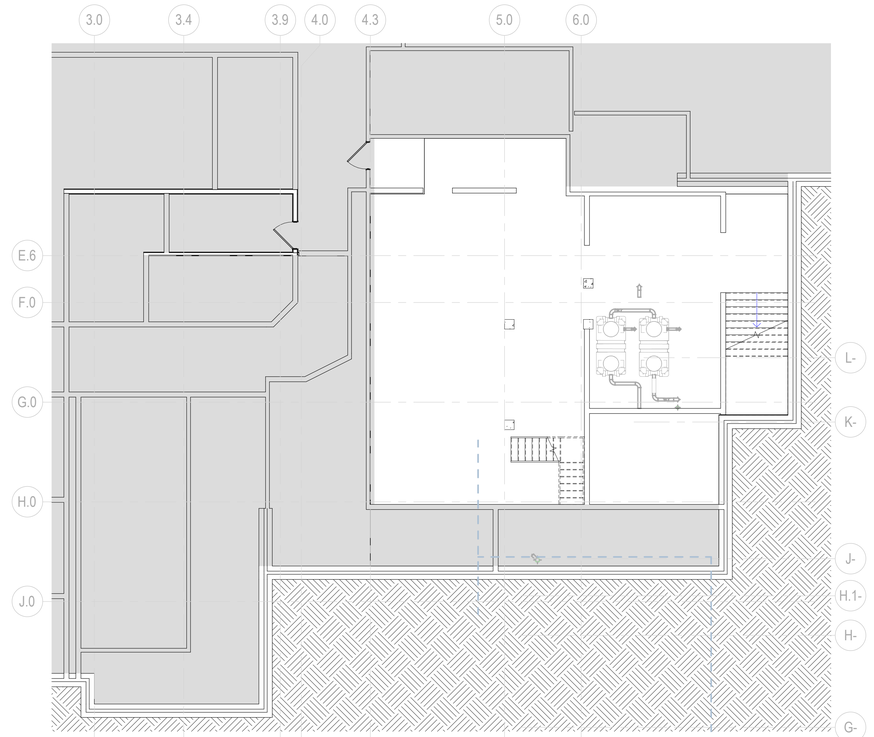
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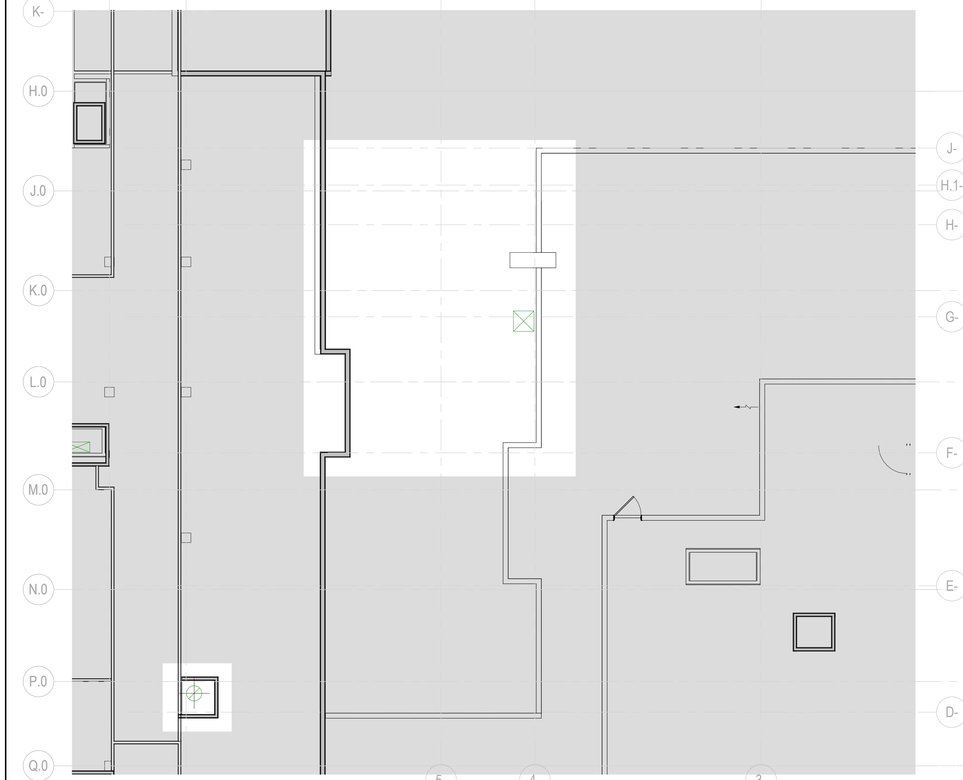
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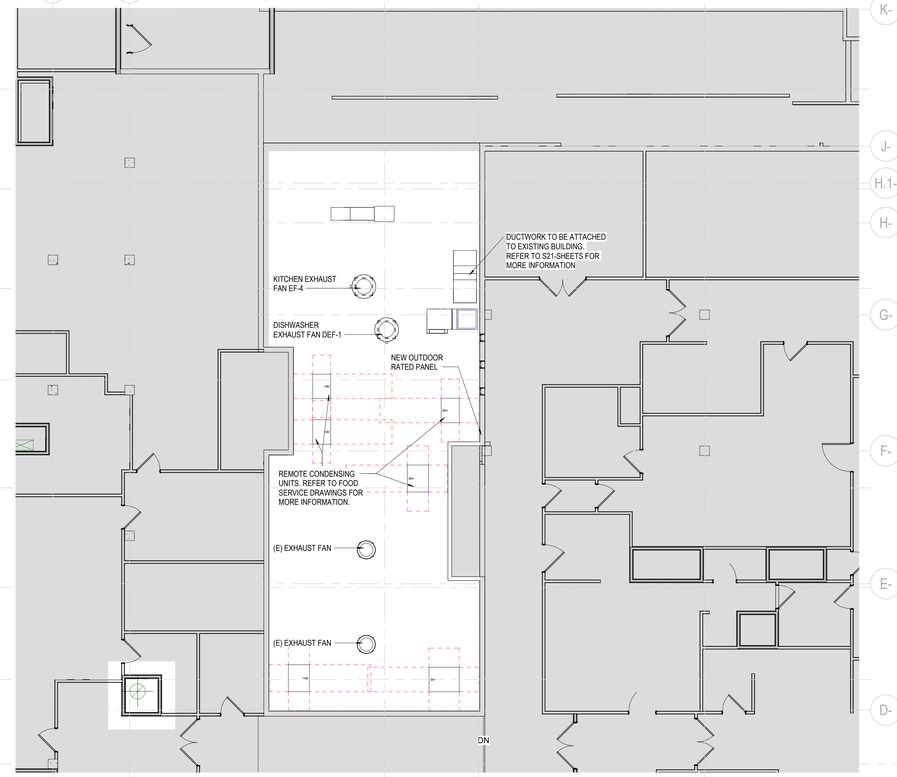

3 LEVEL 05 - PARTIAL FLOOR PLAN
SCALE 1/8" = 1'-0"



4 LEVEL A - PARTIAL FLOOR PLAN
SCALE 1/8" = 1'-0"



2 LEVEL 04 - PARTIAL FLOOR PLAN
SCALE 1/8" = 1'-0"




1 LEVEL 03 - PARTIAL FLOOR PLAN
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- NEW 1HR RATED SMOKE BARRIER
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- RATED DOOR (RED)
- NON-RATED DOOR
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## FLOOR PLAN KEYNOTES

<<< Indicates Sheet Keynote on Plan


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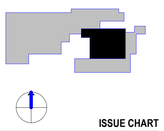

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MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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Job Number 162433.000

TITLE
PARTIAL FLOOR PLANS

SHEET NUMBER
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A

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Please install acoustical ceiling for code compliance; not limited to wire ties,
perimeter wires, boarders, seismic pods, seismic joints, diffuser anchorage/support, fixture anchorage/support, and other manufactures installation requirements. Typical.

## 1 REFLECTED CEILING PLAN LEVEL 01 RCP - PHASE 1

SCALE 1/8" = 1'-0"

## REFLECTED CEILING PLAN GENERAL NOTES

1. ALL CEILING HEIGHTS TO BE 8'-0", UNO.
2. ALL CEILINGS TO BE TYPE ACT-1, UNO.
3. GYPSUM BOARD CEILINGS AND SOFFITS TO BE PAINTED WITH P-2, UNO.
4. OPEN-TO-STRUCTURE AREAS (NO CEILING), INCLUDING OVERHEAD MEPFP SYSTEMS, SHALL BE PAINTED WITH P-2, UNO.
5. CENTER FIXTURES, DEVICES AND OTHER ELEMENTS IN ACOUSTIC PANEL(S) IN BOTH DIRECTIONS, UNLESS OTHERWISE NOTED.
6. LIGHTING FIXTURES ARE DIMENSIONED TO CENTER OF FIXTURE, UNLESS NOTED OTHERWISE.
7. CEILING DEVICES SHOWN IN THESE PLANS ARE TO BE USED FOR COORDINATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURE SCHEDULE NOTING TYPE, QUANTITY AND CIRCUITING OF DEVICES IN CEILINGS, AND TO MECHANICAL DRAWINGS FOR AIR TERMINALS INFORMATION. NOTIFY ARCHITECT/ENGINEER OF OMISSIONS AND INCONSISTENCIES.
8. SMALLER ELECTRICAL FIXTURES INCLUDING BUT NOT LIMITED TO: CEILING MOUNTED SMOKE DETECTORS, SPEAKER, EXIT SIGNAGE, FIRE ALARM DEVISES, STROBES, HORNS AND WIFI ANTENNAE, TRANSMITTERS OR RECEIVERS ARE NOT SHOWN ON THESE DRAWINGS. SEE ELECTRICAL AND TELECOM DRAWINGS FOR THE LOCATION OF THESE ITEMS.
9. LAY DIRECTIONAL PATTERN CEILING PANEL OR TILE ONE WAY WITH PATTERN AS INDICATED BY ARCHITECT UNLESS OTHERWISE NOTED.
10. LOCATE ACCESS PANELS AS INDICATED ON THE DRAWINGS. FOR ACCESS PANELS NOT SHOWN BUT REQUIRED BY PROVISIONS OF THE CONTRACT DOCUMENTS, LOCATE IN ACCORDANCE WITH APPLICABLE CODES. FIELD VERIFY LOCATION OF ACCESS PANELS, AND MARK ON SLAB FOR ARCHITECT'S REVIEW. ENSURE ALL ABOVE-CEILING MEPFP DEVICES WHICH MAY REQUIRE SERVICE OR MAINTENANCE ARE ACCESSIBLE.
11. ALL VISIBLE SURFACES, DEVICES AND EQUIPMENT INSIDE DUCTWORK OR SUPPLY/RETURN REGISTERS SHALL BE PAINTED NON-SPECULAR BLACK.
12. CEILING SUPPORT SYSTEMS ARE NOT DESIGNED OR INTENDED TO SUPPORT THE WEIGHT OF ADDITIONAL EQUIPMENT, CABLE, CONDUIT, LIGHTS, MECHANICAL EQUIPMENT OR OTHER CONSTRUCTION. SUPPORT THESE ITEMS INDEPENDENTLY FROM THE STRUCTURE ABOVE.
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## LEGEND

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- EXIT SIGN
  - SHADED SIDE(S) INDICATE(S) LIT SIGN FACE
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- XXX-X / 1' - 0" AFF — CEILING MATERIAL CODE (REFER TO FINISH SCHEDULES); CEILING HEIGHT
- EX — EXISTING FIXTURE TO REMAIN
- ETR — EXISTING TO REMAIN
- ER — EXISTING FIXTURE TO BE RELOCATED
- WT#.# — WINDOW TREATMENT - REFER TO FINISH SCHEDULE AND LEGEND
- CJ — GYPSUM BOARD CONTROL JOINT

## REFLECTED CEILING PLAN KEYNOTES

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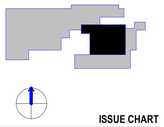
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REFLECTED CEILING PLAN LEVEL 01

SHEET NUMBER

A12-01

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1 PARTIAL RCP LEVEL 02
SCALE 1/4" = 1'-0"

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- ETR — EXISTING TO REMAIN
- ER — EXISTING FIXTURE TO BE RELOCATED
- WT#.# — WINDOW TREATMENT - REFER TO FINISH SCHEDULE AND LEGEND
- CJ — GYPSUM BOARD CONTROL JOINT

# REFLECTED CEILING PLAN KEYNOTES

<<< Indicates Sheet Keynote on Plan

# FIRE & SMOKE RATING LEGEND

- 90 — DOOR FIRE RATING
- PARTITION FIRE RATING
- PARTITION SMOKE REQUIREMENT
- EXISTING CONSTRUCTION TO REMAIN
- NEW NON-RATED CONSTRUCTION
- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION
- RATED DOOR (RED)
- NON-RATED DOOR
- EXISTING DOOR


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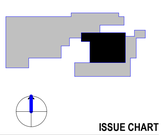
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MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE

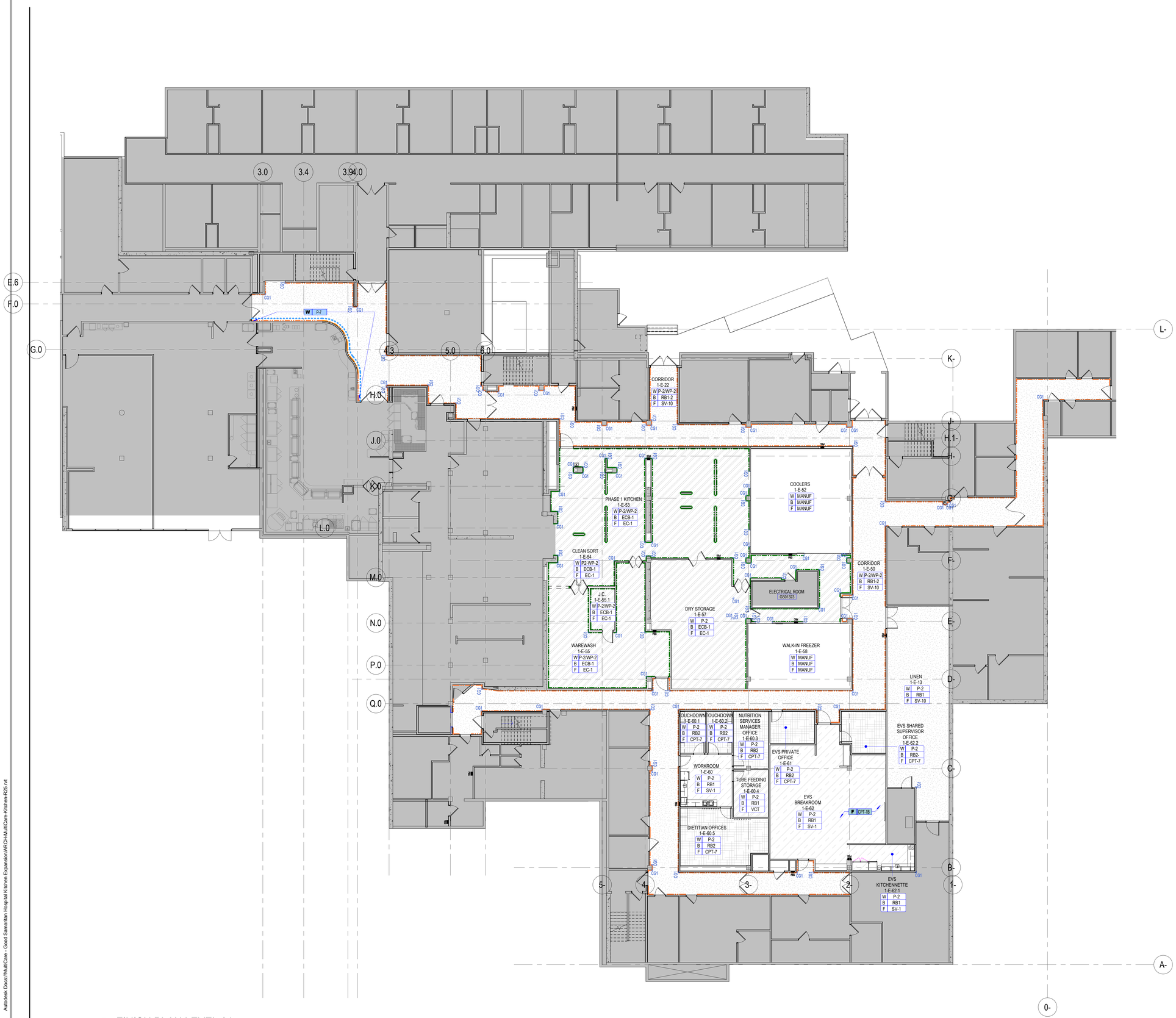
**PARTIAL REFLECTED CEILING PLAN LEVEL 02**

SHEET NUMBER

**A12-02**

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1 FINISH PLAN LEVEL 01
SCALE 3/32" = 1'-0"

# INTERIOR FINISH PLAN GENERAL NOTES

1. REFER TO INTERIOR FINISH LEGEND IN A64-01 SHEET FOR INFORMATION.
2. SEE A50 SERIES FOR CASEWORK INFORMATION.
3. ALL FINISHES INSIDE COAT AND STORAGE CLOSETS SHALL BE CONSISTENT WITH THE ADJACENT ROOM FINISHES, UNO. FLOOR COVERINGS SHALL CONTINUE FROM ADJACENT ROOM INTO CLOSETS
4. PROVIDE A FINISH AT ALL AREAS THAT ARE EXPOSED BEHIND MILLWORK, FILE CABINETS, PANELING, ETC. DUE TO REVEALS, JOINTS, END CONDITIONS, ETC.
5. SEE ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.

**BASE:**

6. NEW WALL BASE SHALL BE INSTALLED ON ALL NEW, EXISTING WALLS AND COLUMNS, EXPOSED CONCRETE COLUMNS, UNO.
7. RESILIENT WALL BASE AT ALL CARPETED AREAS SHALL BE STRAIGHT BASE, UNO. RESILIENT WALL BASE AT ALL HARD SURFACE FLOORS SHALL BE COVED BASE, UNO. ACCENT PAINT TO RECEIVE MATCHING BASE COLOR.

**PAINT:**

8. PAINT REVEALS AND FILER PANELS TO MATCH ADJACENT FINISHES, UNO.
9. PAINT EXPOSED ELECTRICAL RACEWAYS TO MATCH THE ADJACENT WALL SURFACE.
10. PROVIDE A PRIME PAINT COAT IN UNEXPOSED AREAS COVERED BY MILLWORK, PANELING, AND OTHER FIXED ARCHITECTURAL ELEMENTS UNO.
11. DOORS TO RECEIVE PAINT SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE, UNO.
12. HOLLOW METAL FRAMES SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE, UNO.
13. VISION LITE FRAMES SHALL BE PAINTED TO MATCH THE ADJACENT WALL SURFACE, UNO.
14. FIRE EXTINGUISHER CABINETS SHALL BE STANDARD WHITE COLOR, UNO.
15. ACCESS PANELS SHALL BE STANDARD WHITE COLOR, UNO. ACCESS PANELS AT ACCENT WALLS TO BE PAINTED TO MATCH ADJACENT WALL.
16. GYPSUM BOARD SOFFITS ABUTTING A WALL SHALL BE PAINTED TO MATCH THE WALL. GYPSUM BOARD SOFFITS NOT ABUTTING A WALL SHALL BE PAINTED TO MATCH ADJACENT GYPSUM BOARD CEILING, IF APPLICABLE. GYPSUM BOARD SOFFITS ADJACENT TO ONLY ACOUSTICAL PANEL CEILINGS SHALL BE PAINTED P-2.

**FLOORING:**

17. FLOORING TRANSITIONS AT DOORWAYS SHALL BE ALIGNED WITH THE FACE OF THE FRAME'S STOP FACING THE DOOR.
18. REFER TO SHEET A64-01 SHEET FOR ADDITIONAL INFORMATION ON FLOORING TRANSITIONS.

# LEGEND

- DENOTES AREA "NOT IN CONTRACT"
- MILLWORK
- WALL PROTECTION

**ROOM FINISH TAG**

Name
101
W XXX — WALL FINISH
B XXX — WALL BASE FINISH
F XXX — FLOOR FINISH
ACCENT — ACCENT FINISH PRESENT

**FINISH TAG LEGEND**

W PNT1 — MATERIAL APPLICATION / FINISH KEY

| | | | |
|---|---|---|---|
| W | WALL | M | MILLWORK |
| B | BASE | WI | WINDOW |
| F | FLOOR | P | PARTITION |
| C | CEILING (RCP ONLY) | EX | EXISTING TO REMAIN |

**ACCENT FINISHES**

- ACCENT PAINT
- WALL PROTECTION 52" AFF
- WALL PROTECTION FULL HEIGHT

**FINISH SYMBOLS**

- FLOOR FINISH TRANSITION
- CO1 — CORNER GUARD TAG. REFER TO A64 SERIES FOR INFORMATION.
- CO2 — END WALL PROTECTOR TAG. REFER TO A64 SERIES FOR INFORMATION.
- CR1/CR2 — CRASH RAIL TAG, INSTALLED AT 36" AFF AND 52" AFF, REFER TO A64 SERIES FOR INFORMATION.
- MATERIAL PATTERN DIRECTION
- PATTERN START POINT

# FINISH PLAN KEYNOTES

<<< Indicates Sheet Keynote on Plan


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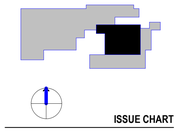
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KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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| A | PERMIT CORRECTIONS | 07.11.2025 |

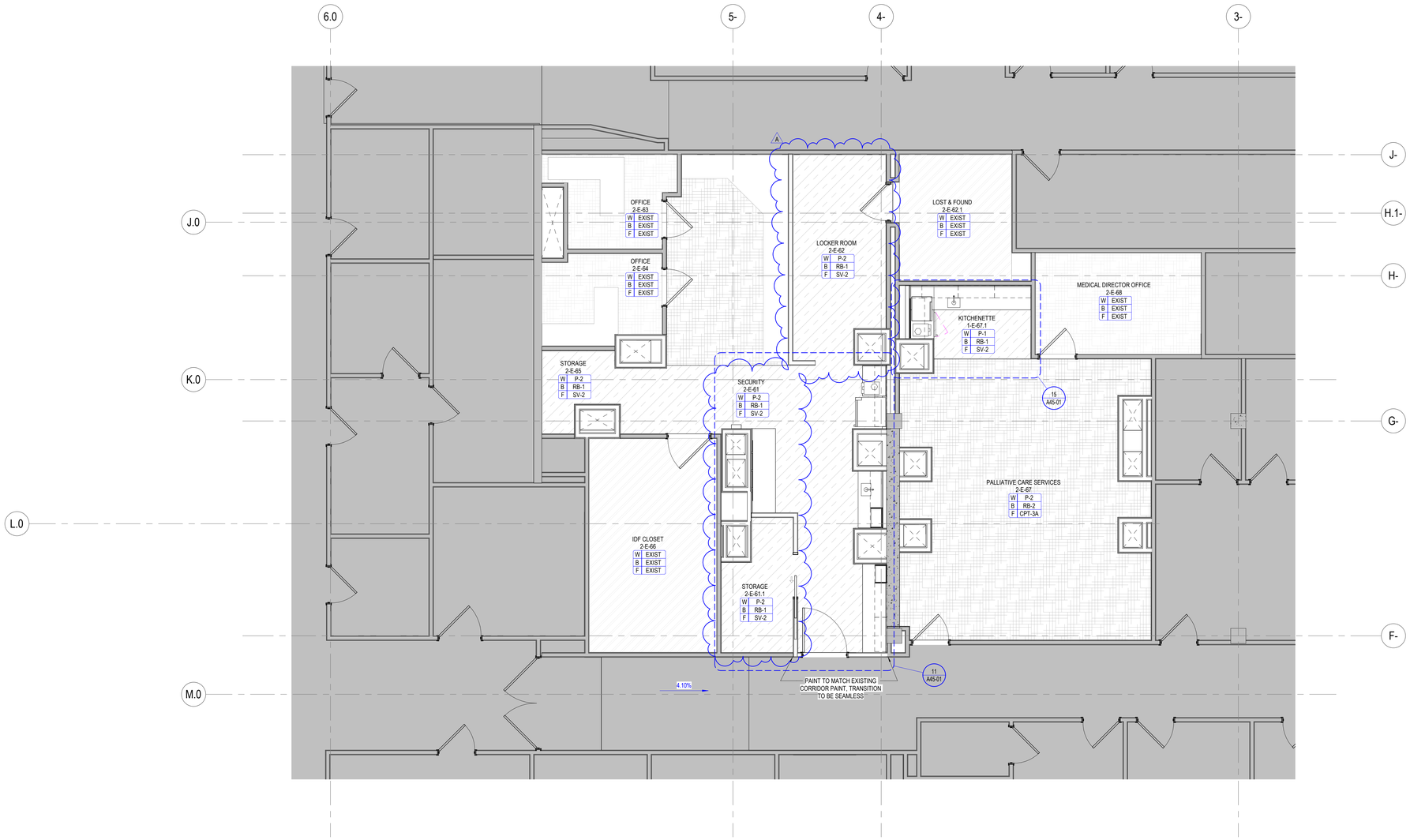
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TITLE
FINISH PLAN LEVEL 01

SHEET NUMBER
A13-01

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1 PARTIAL FINISH PLAN LEVEL 02
SCALE 1/4" = 1'-0"

# INTERIOR FINISH PLAN GENERAL NOTES

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# LEGEND

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- MILLWORK
- WALL PROTECTION

**ROOM FINISH TAG**

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**FINISH TAG LEGEND**

W PNT1 — MATERIAL APPLICATION / FINISH KEY

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| W | WALL | M | MILLWORK |
| B | BASE | WI | WINDOW |
| F | FLOOR | P | PARTITION |
| C | CEILING (RCP ONLY) | EX | EXISTING TO REMAIN |

**ACCENT FINISHES**

- ACCENT PAINT
- WALL PROTECTION 52" AFF
- WALL PROTECTION FULL HEIGHT

**FINISH SYMBOLS**

- FLOOR FINISH TRANSITION
- CG1 — CORNER GUARD TAG. REFER TO A64 SERIES FOR INFORMATION.
- CG2 — END WALL PROTECTOR TAG. REFER TO A64 SERIES FOR INFORMATION.
- CR1/CR2 — CRASH RAIL TAG, INSTALLED AT 36" AFF AND 52" AFF, REFER TO A64 SERIES FOR INFORMATION.
- MATERIAL PATTERN DIRECTION
- PATTERN START POINT

# FINISH PLAN KEYNOTES


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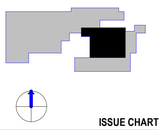
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ISSUE CHART

| MARK | ISSUE | DATE |
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| B | CRS CORRECTIONS | 07.11.2025 |
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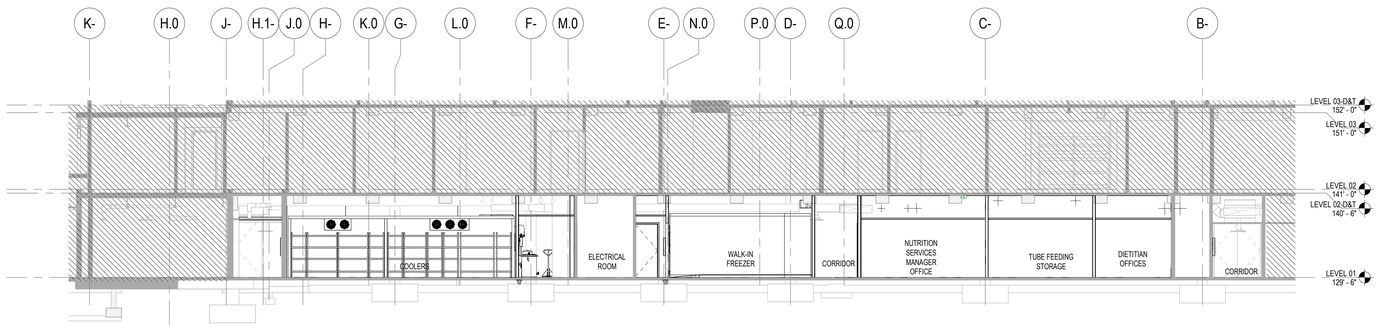
**PARTIAL FINISH PLAN LEVEL 02**

SHEET NUMBER

**A13-02**

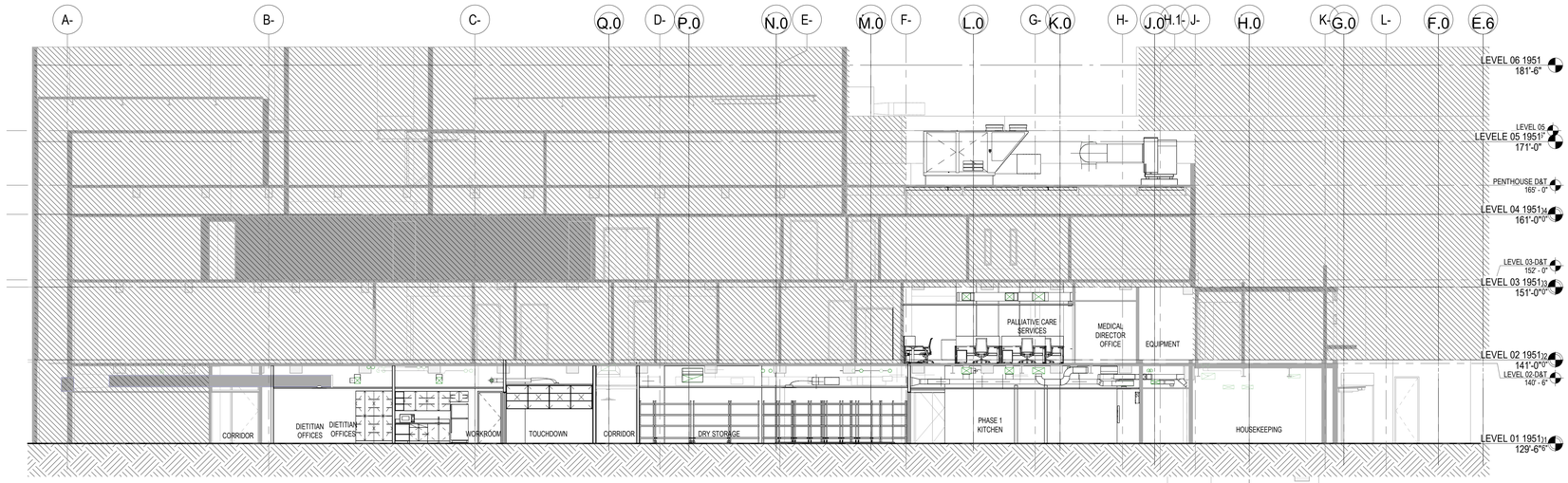
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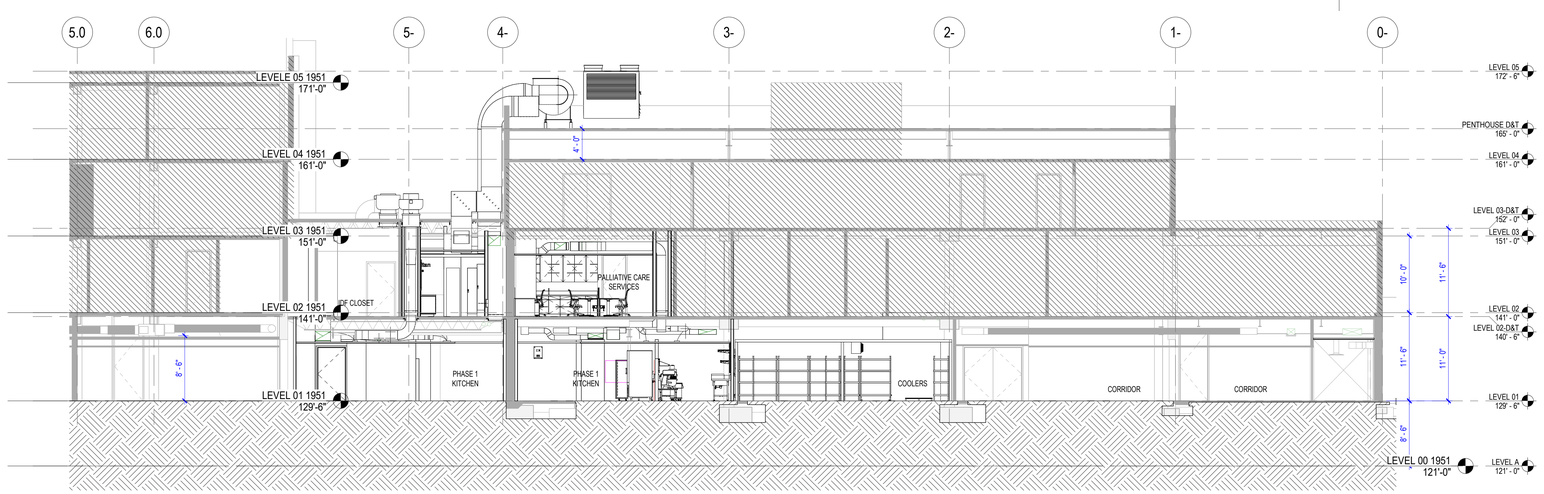

3 BUILDING SECTION N-S - 2

SCALE 1/8" = 1'-0"




2 BUILDING SECTION N-S

SCALE 1/8" = 1'-0"




1 SITE SECTION E-W

SCALE 1/8" = 1'-0"

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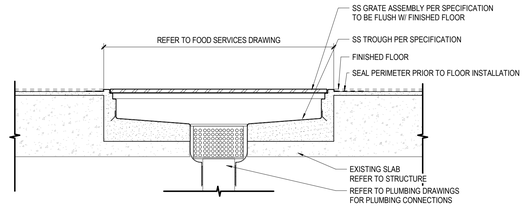
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**BUILDING SECTIONS**

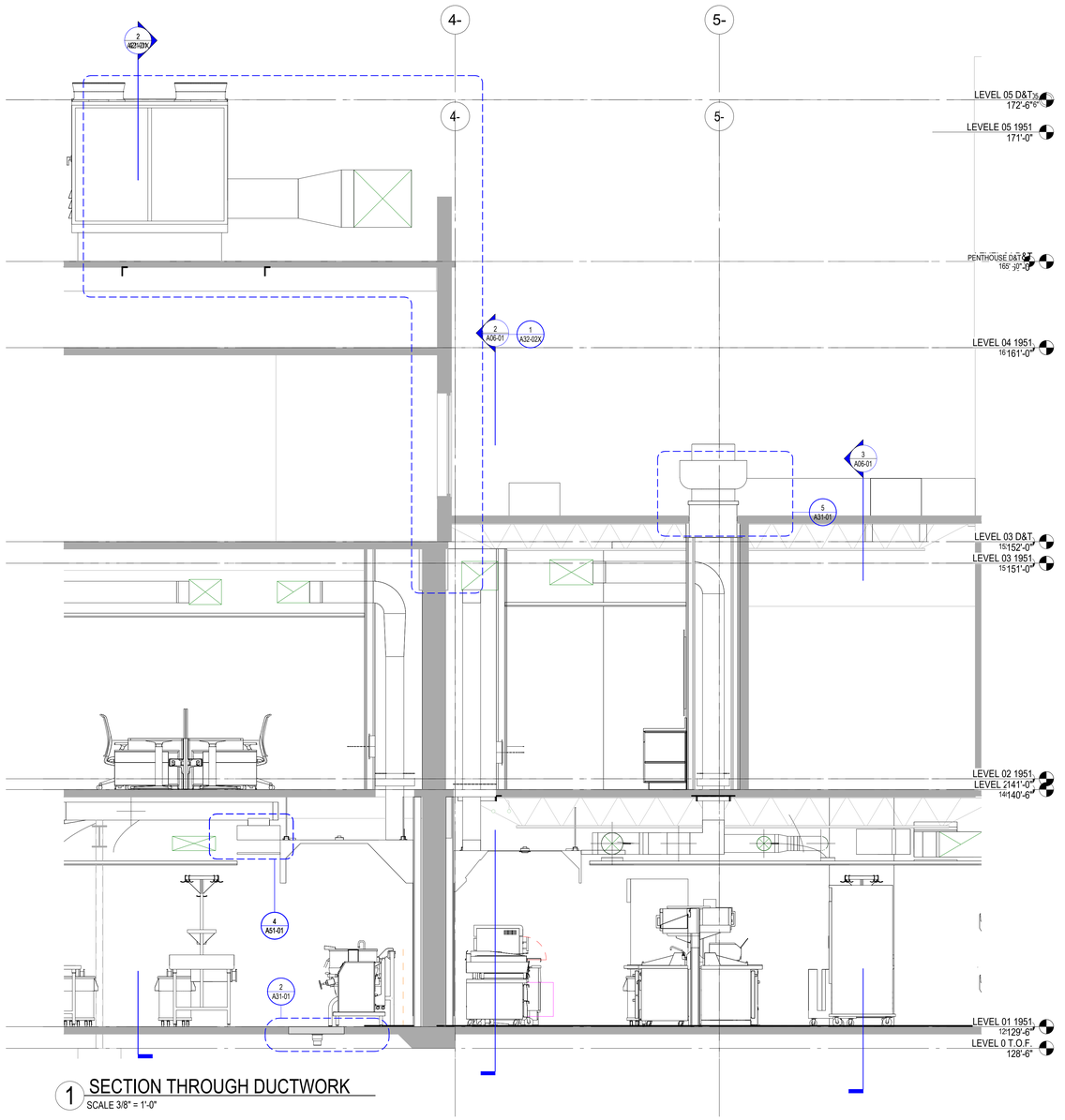
SHEET NUMBER

**A21-01**

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2 TYPICAL KITCHEN FLOOR TROUGH DETAIL
SCALE 1 1/2" = 1'-0"




1 SECTION THROUGH DUCTWORK
SCALE 3/8" = 1'-0"


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WALL SECTIONS

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A31-01

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1 NORTH WALL - ANSUL PANELS
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**ENLARGED ELEVATION - LEVEL 01**

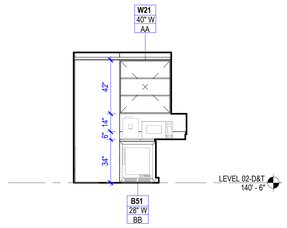
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**A44-01**


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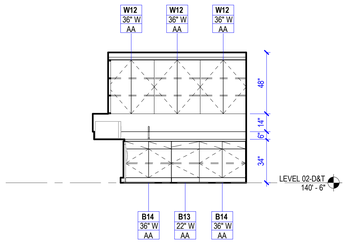


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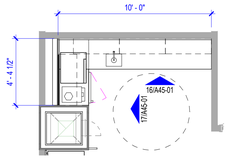

CASEWORK ELEVATION - PALLIATIVE CARE - WEST

11 1/4" = 1'-0" |



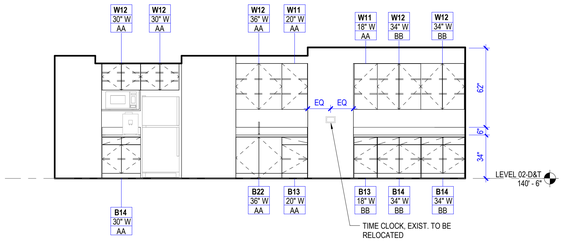

CASEWORK ELEVATION - PALLIATIVE CARE - NORTH

10 1/4" = 1'-0" |



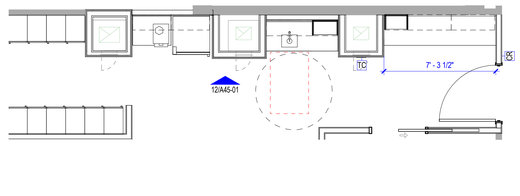

CASEWORK PLAN - PALLIATIVE CARE

6 1/4" = 1'-0" |




CASEWORK ELEVATION - SECURITY OFFICE KITCHENETTE - EAST

9 1/4" = 1'-0" |



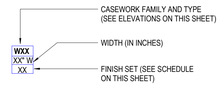

CASEWORK PLAN - SECURITY OFFICE KITCHENETTE

5 1/4" = 1'-0" |

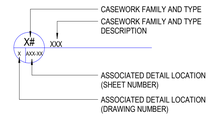
## CASEWORK GENERAL NOTES

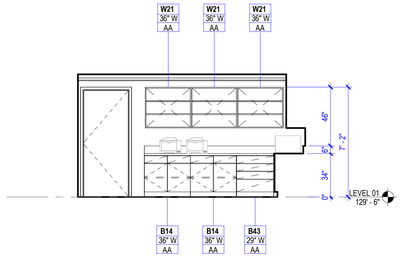
1. THE CASEWORK TYPES SHOWN ON THIS SHEET REPRESENT THE STANDARD TYPES WHICH FREQUENTLY OCCUR IN PROJECTS OF THIS NATURE. SOME TYPES MAY NOT BE USED.
2. REFER TO A50-00 FOR TYPICAL CASEWORK SECTIONS.
3. THE 'CASEWORK TAG' SYMBOLS SPECIFYING THE PARTICULAR MODULES ARE SHOWN ON THE INTERIOR ELEVATIONS.
4. FOR SPECIAL CASEWORK CONFIGURATIONS AND/ OR COMPONENTS REFER TO THE INTERIOR ELEVATIONS.
5. REFER TO THE 'CASEWORK TAG' SHOWN IN THE INTERIOR ELEVATIONS FOR SCHEDULED FINISH MATERIALS.
6. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION.
7. PROVIDE NECESSARY BACKING, BLOCKING AND OTHER STRUCTURAL SUPPORT.
8. AT END UNITS WITH EXPOSED SIDES PROVIDE FINISH EQUAL TO OTHER EXPOSED SURFACES.
9. AT END UNITS WITH ADDITIONAL SPACE BETWEEN CABINET AND WALL PROVIDE FINISH FILLER PANELS TO MATCH OTHER EXPOSED SURFACES.
10. CABINET HEIGHTS ARE TO BE AS SHOWN ON THIS SHEETS UNLESS INDICATED OTHERWISE IN THE CONTRACT DOCUMENTS.
11. WALL TYPES AND WALL FIRE RATING ARE SHOWN ON A10 AND A11 SERIES.

## CASEWORK TAG



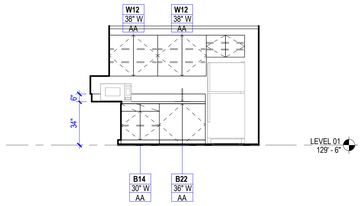

## LEGEND



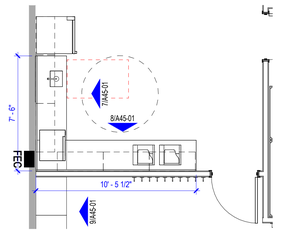

CASEWORK ELEVATION - NUTRITION OFFICE - SOUTH

8 1/4" = 1'-0" |



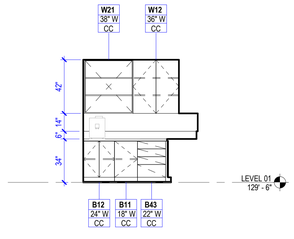

CASEWORK ELEVATION - NUTRITION OFFICE - WEST

7 1/4" = 1'-0" |



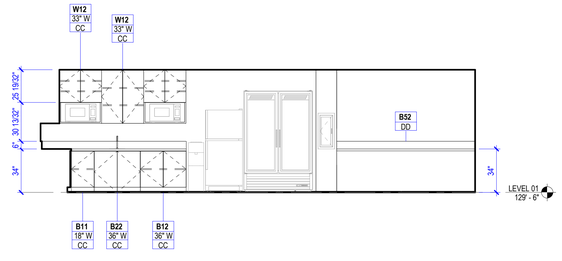

CASEWORK PLAN - NUTRITION OFFICE

4 1/4" = 1'-0" |



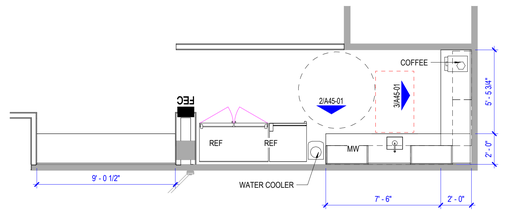

ELEVATION - EVS KITCHENETTE- EAST

3 1/4" = 1'-0" |




ELEVATION - EVS KITCHENETTE- SOUTH

1 1/4" = 1'-0" |




CASEWORK PLAN - EVS KITCHENETTE

2 1/4" = 1'-0" |


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1011 Western Avenue, Suite 810
Seattle WA 98104

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PROJECT MNGR
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PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MULTICARE

KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

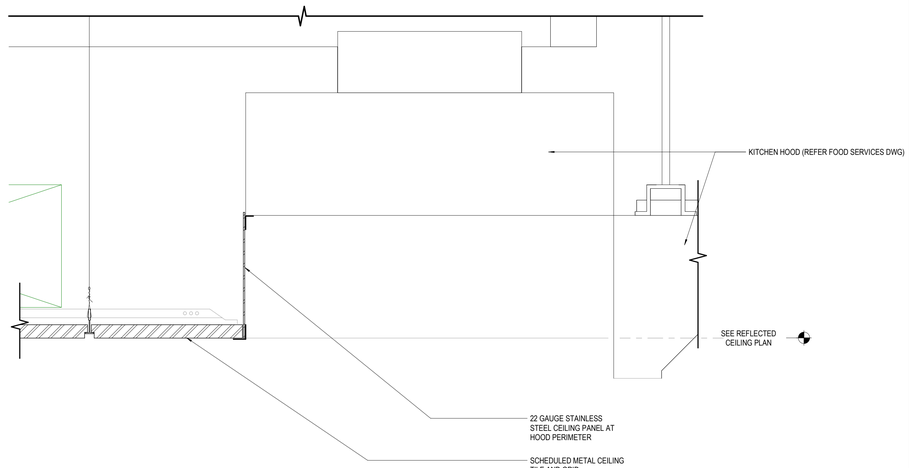
**CASEWORK PLANS AND ELEVATIONS**

SHEET NUMBER

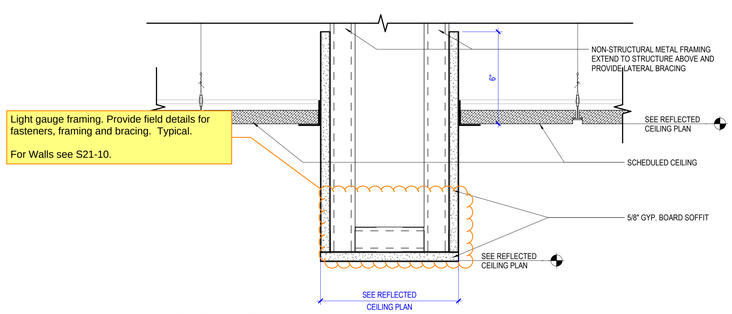
**A45-01**

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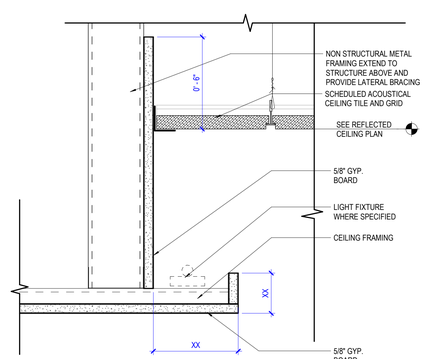
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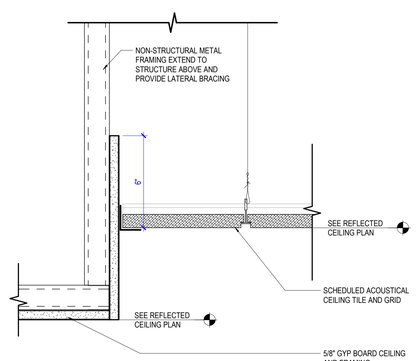

4 KITCHEN HOOD TRANSITION TO ACT
SCALE 3" = 1'-0"




3 SECTION DETAIL
SCALE 3" = 1'-0"




2 COVE DETAIL
SCALE 3" = 1'-0"




1 GYP. BOARD SOFFIT
SCALE 3" = 1'-0"

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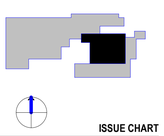
PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

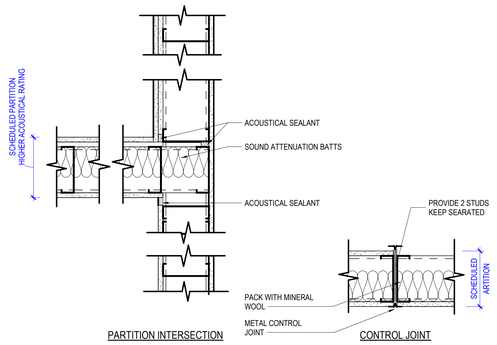
**CEILING DETAILS**

SHEET NUMBER

**A51-01**

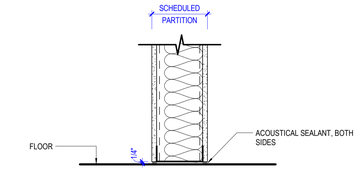
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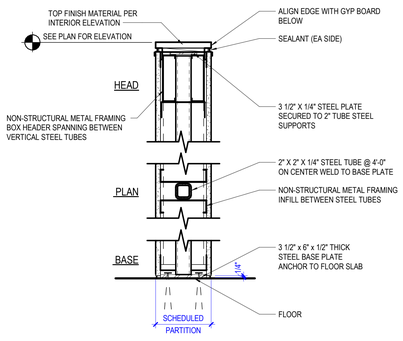

## 7 ACOUSTICAL PARTITION PLAN DETAILS

SCALE 1 1/2" = 1'-0"



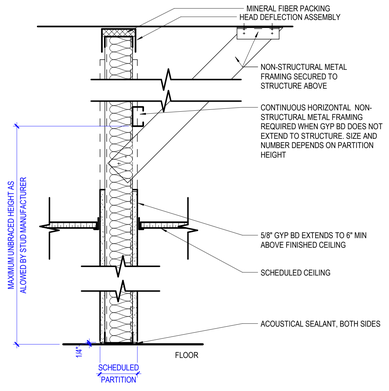

## 4 ACOUSTICAL PARTITION @ FLOOR

SCALE 1 1/2" = 1'-0"



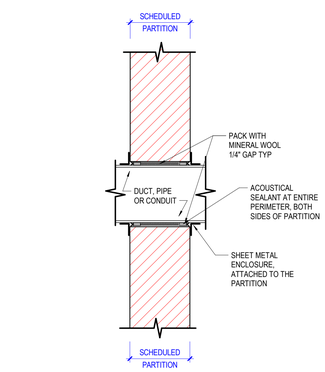

## 3 PARTIAL HEIGHT PARTITION SECTION

SCALE 1 1/2" = 1'-0"



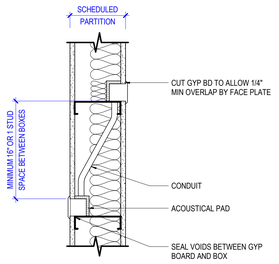

## 6 PARTITION SECTION

SCALE 1 1/2" = 1'-0"



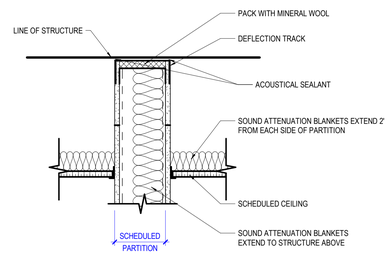

## 2 ACOUSTICAL SLEEVE SECTION

SCALE 1 1/2" = 1'-0"




## 5 ACOUSTICAL PARTITION PLAN DETAIL

SCALE 1 1/2" = 1'-0"




## 1 ACOUSTICAL PARTITION @ CEILING

SCALE 1 1/2" = 1'-0"

# INTERIOR PARTITION CHARTS GENERAL NOTES

**PARTITION TYPE GENERAL NOTES**

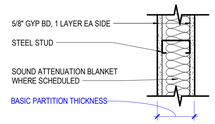
1. NOT ALL PARTITION TYPES SHOWN ARE UTILIZED.
2. PARTITION TYPE, FIRE-RESISTANCE RATING AND STC RATING INDICATED FOR A GIVEN PARTITION ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF THAT PARTITION UNLESS OTHERWISE NOTED.
3. CONSTRUCT FIRE-RESISTANCE RATED PARTITIONS BEFORE NON-RATED. ABUT NON-RATED PARTITIONS INTO RATED PARTITIONS.
4. ISOLATE NON-LOAD-BEARING FRAMING FROM STRUCTURAL ELEMENTS TO PREVENT THE TRANSFER OF LOAD TO PARTITION FRAMING. UNLESS OTHERWISE NOTED, STOP VERTICAL STUDS ¼" BELOW TOP OF CEILING RUNNER (TOP TRACK) TO ALLOW FOR VERTICAL DEFLECTION. DO NOT ATTACH STUDS OR GYPSUM BOARD TO CEILING RUNNER (TOP TRACK). THIS MAY ALSO BE ACHIEVED BY UTILIZING PROPRIETARY SYSTEMS DESCRIBED IN THE SPECIFICATIONS.
5. PROVIDE DOUBLE-STUD FRAMING AT JAMBS OF ALL PARTITION OPENINGS.
6. WHERE CONTROL JOINTS ARE REQUIRED BASED UPON SPECIFIED FREQUENCY, AND ARE NOT SHOWN ON INTERIOR ELEVATIONS, LOCATE CONTROL JOINTS ON BOTH STRIKE AND HINGE SIDES OF DOORS. WHEN PROVIDING CONTROL JOINTS AT DOORS DOES NOT MEET THE SPECIFIED FREQUENCY, PROVIDE DOUBLE-STUD CONTROL JOINT CONSTRUCTION AND VERIFY LOCATION WITH THE ARCHITECT PRIOR TO PROCEEDING.
7. PROVIDE SHEET METAL BLOCKING/BACKING FOR WALL MOUNTED ITEMS SPECIFIED OR SHOWN IN THE DRAWINGS..

**FIRE-RESISTANCE RATED PARTITIONS** (THE FOLLOWING NOTES APPLY TO ALL PARTITIONS INDICATED TO HAVE A FIRE-RESISTANCE RATING.)

1. PROVIDE PERMANENTLY STENCILED IDENTIFICATION ABOVE THE CEILING WITHIN 15 FEET OF EACH END OF THE PARTITION AND AT INTERVALS NOT EXCEEDING 30 FEET HORIZONTALLY ALONG THE LENGTH OF THE PARTITION. THE IDENTIFICATION TEXT SHALL BE A MINIMUM 3" HIGH WITH A MINIMUM OF 3/8" STROKE IN A CONTRASTING COLOR AND READ AS FOLLOWS: "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS.
2. FIRE-RESISTANCE RATED PARTITIONS SHALL BE CONSTRUCTED FROM THE TOP OF NON-FINISHED FLOOR TO THE UNDERSIDE OF THE FLOOR OR ROOF STRUCTURE ABOVE.
3. THROUGH-PENETRATIONS IN FIRE-RESISTANCE RATED PARTITIONS SHALL BE SEALED WITH MATERIALS AND ASSEMBLIES NECESSARY TO MAINTAIN THE REQUIRED FIRE-RESISTANCE RATING.

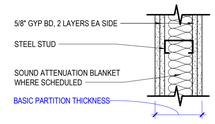
**ACOUSTICAL PARTITIONS** (THE FOLLOWING NOTES APPLY TO ALL PARTITIONS DESIGNATED TO HAVE EITHER SOUND ATTENUATION BLANKETS OR A SOUND TRANSMISSION CLASS (STC) RATING.)

1. SEAL PARTITIONS AT ENTIRE PERIMETER WITH NON-HARDENING ACOUSTICAL SEALANT.
2. SOUND ATTENUATION BLANKETS ARE TO FILL THE DEPTH OF THE FRAMING CAVITY UNLESS OTHERWISE NOTED.
3. DO NOT COMPRESS SOUND ATTENUATION BLANKETS AT BLOCKING OR RECESSED ITEMS.
4. SEAL ALL WALL INTERSECTIONS AND CONTROL JOINTS WITH NON-HARDENING ACOUSTICAL SEALANT.
5. SEAL ALL CONDUIT, STRUCTURAL, DUCT AND PIPE PENETRATIONS WITH NON-HARDENING ACOUSTICAL SEALANT.
6. PROVIDE ACOUSTICAL PADS AROUND ANY ITEMS PENETRATING THE FACE OF PARTITION, INCLUDING ELECTRICAL AND TECHNOLOGY JUNCTION OR DEVICE BOXES.
7. ELECTRICAL/TECHNOLOGY BOXES ON OPPOSITE SIDES OF A PARTITION ARE TO BE SEPARATED BY A MINIMUM OF 1 STUD SPACE.



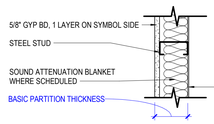

## A

| | A1_ | STC | A2_ | STC | A3_ | STC | A4_ | STC | A5_ | STC | A6_ | STC | A7_ | STC | A8_ | STC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-HR RATED WITH GYP BD TO STRUCTURE ABOVE | | | A20 | 47 | A30 | 40 | A40 | 47 | A50 | | A60 | | A70 | | A80 | 49 |
| NON-RATED WITH GYP BD TO STRUCTURE ABOVE | A11 | | A21 | 47 | A31 | 40 | A41 | 47 | A51 | | A61 | | A71 | | A81 | 49 |
| NON-RATED WITH GYP BD TO 6" ABOVE CEILING | A12 | | A22 | | A32 | | A42 | | A52 | | A62 | | A72 | | A82 | |
| NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING | A13 | | A23 | | A33 | | A43 | | A53 | | A63 | | A73 | | A83 | |
| STUD SIZE | 2 1/2" | | 2 1/2" | | 3 5/8" | | 3 5/8" | | 4" | | 4" | | 6" | | 6" | |
| BASIC PARTITION THICKNESS | 3 3/4" | | 3 3/4" | | 4 7/8" | | 4 7/8" | | 5 1/4" | | 5 1/4" | | 7 1/4" | | 7 1/4" | |
| ACOUSTICAL INSULATION | - | | YES | | - | | YES | | - | | YES | | - | | YES | |
| FIRE TEST NUMBER | - | | UL DES U494 | | UL DES U465 | | UL DES U465 | | UL DES U465 | | UL DES U465 | | UL DES U465 | | UL DES U465 | |



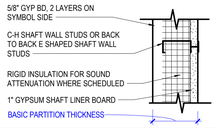

## C

| | C1_ | STC | C2_ | STC | C3_ | STC | C4_ | STC | C5_ | STC | C6_ | STC | C7_ | STC | C8_ | STC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-HR RATED WITH GYP BD TO STRUCTURE ABOVE | C10 | | C20 | 55 | C30 | 48 | C40 | 56 | C50 | | C60 | | C70 | | C80 | 57 |
| NON-RATED WITH GYP BD TO STRUCTURE ABOVE | C11 | | C21 | 55 | C31 | 48 | C41 | 56 | C51 | | C61 | | C71 | | C81 | 57 |
| STUD SIZE | 2 1/2" | | 2 1/2" | | 3 5/8" | | 3 5/8" | | 4" | | 4" | | 6" | | 6" | |
| BASIC PARTITION THICKNESS | 5" | | 5" | | 6 1/8" | | 6 1/8" | | 6 1/2" | | 6 1/2" | | 8 1/2" | | 8 1/2" | |
| ACOUSTICAL INSULATION | - | | YES | | - | | YES | | - | | YES | | - | | YES | |
| FIRE TEST NUMBER | UL DES U411 | | UL DES U411 | | UL DES U411 | | UL DES U411 | | UL DES U411 | | UL DES U411 | | UL DES U411 | | UL DES U411 | |




## D

| | D1_ | STC | D2_ | STC | D3_ | STC | D4_ | STC | D5_ | STC | D6_ | STC | D7_ | STC | D8_ | STC | D9_ | STC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NON-RATED WITH GYP BD TO STRUCTURE ABOVE | D11 | | D21 | | D31 | | D41 | 34 | D51 | | D61 | | D71 | | D81 | 37 | D91 | |
| NON-RATED WITH GYP BD TO 6" ABOVE CEILING | D12 | | D22 | | D32 | | D42 | | D52 | | D62 | | D72 | | D82 | | D92 | |
| NON-RATED WITH STUDS & GYP BD TO FINISHED CEILING | D13 | | D23 | | D33 | | D43 | | D53 | | D63 | | D73 | | D83 | | D93 | |
| STUD SIZE | 2 1/2" | | 2 1/2" | | 3 5/8" | | 3 5/8" | | 4" | | 4" | | 6" | | 6" | | 1 1/2" | |
| BASIC PARTITION THICKNESS | 3 1/8" | | 3 1/8" | | 4 1/4" | | 4 1/4" | | 4 5/8" | | 4 5/8" | | 6 5/8" | | 6 5/8" | | 2 1/8" | |
| ACOUSTICAL INSULATION | - | | YES | | - | | YES | | - | | YES | | - | | YES | | YES | |




## K

| | K1_ | STC | K2_ | STC | K3_ | STC | K4_ | STC | K5_ | STC | K6_ | STC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-HR RATED SHAFT WALL | K10 | 39 | K20 | 46 | K30 | 43 | K40 | 50 | K50 | | K60 | |
| STUD SIZE | 2 1/2" | | 2 1/2" | | 4" | | 4" | | 6" | | 6" | |
| BASIC PARTITION | 3 3/4" | | 3 3/4" | | 5 1/4" | | 5 1/4" | | 7 1/4" | | 7 1/4" | |
| ACOUSTICAL INSULATION | - | | YES | | - | | YES | | - | | YES | |
| FIRE TEST NUMBER | UL DES U415 (B) | | UL DES U415 (B) | | UL DES U415 (B) | | UL DES U415 (B) | | UL DES U415 (B) | | UL DES U415 (B) | |


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PROJECT MNGR
TURNER & TOWNSEND
920 Fifth Avenue, Seattle, WA 98104


PRCTI20250548

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

**KEY PLAN**

**ISSUE CHART**

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

**TITLE**

**PARTITION TYPE CHARTS & DETAILS**

**SHEET NUMBER**

**A61-01**

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7/25/2025 3:58:38 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/ARCH-MultiCare-Kitchen-R25.rvt

# DOOR HARDWARE SETS

**SET # 00**
DOORS 1-E-54 1-E-54 1-E-59

1 EA HARDWARE BY DOOR/FRAME MANUFACTURER

**SET # 00.1**
DOORS 1-C-31 1-C-32 1-E-13.1 1-E-13.2

1 EA EXISTING HARDWARE TO REMAIN

**SET # 00.2**
DOORS 1-E-57 1-E-58

1 EA HARDWARE BY DOOR/FRAME MANUFACTURER

**SET # 02W**
DOORS 1-C-1 / 1-C-16 / 1-E-56 / 1-E-62

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 EA | ACTUATOR, TOUCH | 8310-856T | 630 | LCN |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

AUTOMATIC OPERATOR - PROVIDED BY DIVISION 28
POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE AND ENABLE ACTUATORS. ACTUATOR WILL ACTIVATE AUTOMATIC OPERATOR. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. ELECTRIC STRIKE WILL LOCK UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

**SET # 03**
DOORS 1-E-13

| | | | | |
|---|---|---|---|---|
| 6 EA | HINGE | 5BB1HW 4.5 X 4.5 | 652 | IVE |
| 1 EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 EA | AUTO FLUSH BOLT | FB31T | 630 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE FOR PR DOORS | 6224 FSE | 630 | VON |
| 1 EA | COORDINATOR | COR X FL X MB AS REQUIRED | 628 | IVE |
| 2 EA | ACTUATOR, TOUCH | 8310-856T | 630 | LCN |
| 2 EA | ARMOR PLATE | 8400 34" X 1" LDW B-CS | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

AUTOMATIC OPERATOR - PROVIDED BY DIVISION 28
POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE AND ENABLE ACTUATORS. ACTUATOR WILL ACTIVATE AUTOMATIC OPERATOR. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. ELECTRIC STRIKE WILL LOCK UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES

**SET # 03A**
DOORS 1-E-51

| | | | | |
|---|---|---|---|---|
| 6 EA | HINGE | 5BB1HW 4.5 X 4.5 | 652 | IVE |
| 1 EA | POWER TRANSFER | EPT10 | 689 | VON |
| 1 EA | AUTO FLUSH BOLT | FB31T | 630 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE FOR PR DOORS | 6224 FSE | 630 | VON |
| 1 EA | COORDINATOR | COR X FL X MB AS REQUIRED | 628 | IVE |
| 2 EA | ACTUATOR, TOUCH | 8310-856T | 630 | LCN |
| 2 EA | ARMOR PLATE | 8400 34" X 1" LDW B-CS | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |
| 2 EA | WALL STOP | WS406/407CCV | 630 | IVE |

AUTOMATIC OPERATOR - PROVIDED BY DIVISION 28
POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE AND ENABLE ACTUATORS. ACTUATOR WILL ACTIVATE AUTOMATIC OPERATOR. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. ELECTRIC STRIKE WILL LOCK UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES

**SET # 04**
DOORS 1-E-55.1

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 4.5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 EA | SURFACE CLOSER | 4111 DEL SCUSH | 689 | LCN |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE. STRIKE WILL LOCK UPON LOSS OF POWER. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. FREE EGRESS AT ALL TIMES

**SET # 04A**
DOORS 1-E-60.4 / 1-E-60

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 4.5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 EA | SURFACE CLOSER | 4040XP REG | 689 | LCN |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE. STRIKE WILL LOCK UPON LOSS OF POWER. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. FREE EGRESS AT ALL TIMES.

**SET # 04AW**
DOORS 2-E-61

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | | BES |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 EA | SURFACE CLOSER | 4040XP REG | 689 | LCN |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE. STRIKE WILL LOCK UPON LOSS OF POWER. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. FREE EGRESS AT ALL TIMES.

**SET # 04B**
DOORS 1-E-62.1

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 4.5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | BES | |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ELECTRIC STRIKE | 6400 FSE | 630 | VON |
| 1 EA | SURFACE CLOSER | 4040XP REG | 689 | LCN |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

POWER SUPPLY - PROVIDED BY DIVISION 28
CARD READER - PROVIDED BY DIVISION 28
DOOR CONTACT - PROVIDED BY DIVISION 28

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL UNLOCK ELECTRIC STRIKE. STRIKE WILL LOCK UPON LOSS OF POWER. DOOR CONTACT (DC) WILL SIGNAL MONITORING SYSTEM. FREE EGRESS AT ALL TIMES.

**SET # 05**
DOORS 1-E-60.1 / 1-E-60.2 / 1-E-60.3 / 1-E-60.5 / 1-E-61 / 1-E-62.2

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 4.5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | BES | |
| 1 EA | ENTRANCE/OFFICE LOCK | ND50JD TLR | 626 | SCH |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

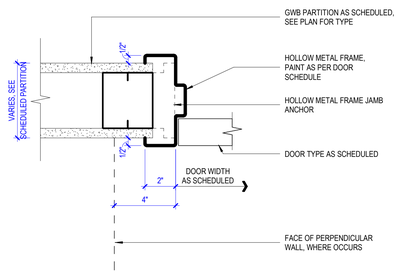
**SET # 06W**
DOORS 1-W-005.2

| | | | | |
|---|---|---|---|---|
| 3 EA | HINGE | 5BB1HW 4.5 X 4.5 NRP | 652 | IVE |
| 1 EA | BEST SFIC | BEST SFIC CYLINDER & CORE PROVIDED BY OWNER | BES | |
| 1 EA | STOREROOM LOCK | ND80JD TLR | 626 | SCH |
| 1 EA | ARMOR PLATE | 8400 34" X 2" LDW B-CS | 630 | IVE |
| 1 EA | WALL STOP | WS406/407CCV | 630 | IVE |
| 1 EA | GASKETING | 488SBK PSA | BK | ZER |

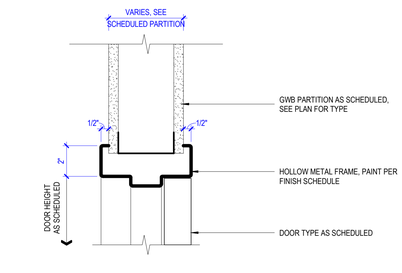
# DOOR SCHEDULE - PHASE 1

| LEVEL | DOOR NO | ROOM NAME | SIZE W | SIZE HT | SIZE THK | DOOR TYPE | DOOR MATERIAL | DOOR FINISH | FRAME TYPE | FRAME MATERIAL | FRAME FINISH | DETAILS HEAD | DETAILS JAMB | FIRE RATING | HARDWARE SET NUMBER | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LEVEL 01 | 1-C-1 | PHASE 1 KITCHEN | 3' - 8" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | 90 | 02W | PROVIDE RATING LABEL ON HINGE SIDE, CR, AUTO OPERATOR: NABCO GT8500 |
| LEVEL 01 | 1-E-13 | LINEN | 6' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 03 | CR, AUTO OPERATOR: NABCO GT8500 |
| LEVEL 01 | 1-E-51 | CIRCULATION | 6' - 0" | 7' - 0" | 0' - 1 3/4" | NLNL | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | 20 | 03A | PROVIDE RATING LABEL ON HINGE SIDE, CR, AUTO OPERATOR: NABCO GT8500 |
| LEVEL 01 | 1-E-54 | CLEAN SORT | 4' - 10" | 7' - 0" | 0' - 1 3/4" | FSFS | PVC | CLEAR | 2 | SS | CG-2 | | | | 00 | CURTRON POLAR-PRO SWINGING IMPACT DOOR IN FLEXIBLE PVC |
| LEVEL 01 | 1-E-55 | WAREWASH | 3' - 10" | 7' - 0" | 0' - 1 3/4" | FSFS | PVC | CLEAR | 2 | SS | CG-2 | | | | 00 | CURTRON POLAR-PRO SWINGING IMPACT DOOR IN FLEXIBLE PVC |
| LEVEL 01 | 1-E-55.1 | J.C. | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 04 | CR |
| LEVEL 01 | 1-E-56 | CORRIDOR | 3' - 6" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | 20 | 02W | PROVIDE RATING LABEL ON HINGE SIDE, CR, AUTO OPERATOR: NABCO GT8500 |
| LEVEL 01 | 1-E-57 | DRY STORAGE | 4' - 10" | 7' - 0" | 0' - 1 3/4" | FSFS | PVC | CLEAR | 2 | SS | CG-2 | | | | 00.2 | CURTRON POLAR-PRO SWINGING IMPACT DOOR IN FLEXIBLE PVC |
| LEVEL 01 | 1-E-58 | DRY STORAGE | 4' - 6" | 7' - 0" | 0' - 1 3/4" | FSFS | PVC | CLEAR | 2 | SS | CG-2 | | | | 00.2 | CURTRON POLAR-PRO SWINGING IMPACT DOOR IN FLEXIBLE PVC |
| LEVEL 01 | 1-E-59 | DRY STORAGE | 2' - 8" | 7' - 0" | 0' - 1 3/4" | S | PVC | CLEAR | 2 | SS | CG-2 | | | | 00 | CURTRON POLAR-PRO M SERIES STRIP DOOR IN FLEXIBLE PVC |
| LEVEL 01 | 1-E-60 | WORKROOM | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 04A | CR |
| LEVEL 01 | 1-E-60.1 | TOUCHDOWN | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 01 | 1-E-60.2 | TOUCHDOWN | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 01 | 1-E-60.3 | NUTRITION SERVICES MANAGER OFFICE | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 01 | 1-E-60.4 | TUBE FEEDING STORAGE | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 04A | CR |
| LEVEL 01 | 1-E-60.5 | DIETITIAN OFFICES | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 01 | 1-E-61 | EVS PRIVATE OFFICE | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 01 | 1-E-62 | EVS BREAKROOM | 3' - 8" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 02W | CR, AUTO OPERATOR: NABCO GT8500 |
| LEVEL 01 | 1-E-62.1 | EVS BREAKROOM | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 04B | CR |
| LEVEL 01 | 1-E-62.2 | EVS SHARED SUPERVISOR OFFICE | 3' - 0" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 05 | OFFICE LOCK |
| LEVEL 02 | 2-E-61 | SECURITY | 3' - 8" | 7' - 0" | 0' - 1 3/4" | F | HM | P-2 | 1 | HM | P-2 | 1/A62-01 | 2/A62-01 | | 04AW | CR |
| LEVEL 02 | 2-E-61.1 | STORAGE | 3' - 6" | 8' - 0" | 0' - 1 3/4" | F | HM | P-2 | 3 | HM | P-2 | | | | 00 | |

# DOOR DETAILS




2 HM - JAMB DETAIL
SCALE 3" = 1'-0"

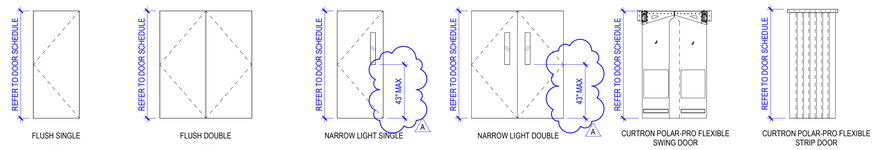



1 HM - HEAD DETAIL
SCALE 3" = 1'-0"

# DOOR SCHEDULE GENERAL NOTES

1. GLAZING IN FIRE RESISTANCE RATED DOORS SHALL MATCH THE FIRE RESISTANCE RATING OF THE DOOR.
2. ALL DOORS TO HAVE BOXED HEADERS UNLESS STEEL CHANNELS ARE INDICATED IN THE REMARKS COLUMN OF THE DOOR SCHEDULE OR UNLESS OTHERWISE INDICATED BY HEAD DETAIL.
3. GLAZING IN DOORS SHALL BE CLEAR TEMPERED UNLESS NOTED OTHERWISE.

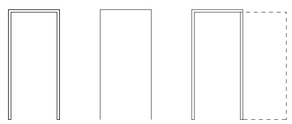
# DOOR TYPES




# DOOR SCHEDULE REMARKS

1. PROVIDE FIRE LABEL ON HINGE SIDE OF DOOR AND FRAME
2. CARD READER ACCESS DOOR
3. AUTO OPENER WITH CARD READER AND PUSH BUTTON ACTIVATION
4. CURTRON POLAR-PRO SWINGING IMPACT DOOR IN FLEXIBLE PVC (OR EQ) PROVIDE GYP CASED OPENING WITH 60° EDGE GUARD EACH JAMB
5. RELOCATED EXISTING DOOR - SEE DOOR TAG FOR NEW LOCATION
6. EXISTING DOOR AND FRAME - REPAIR ANY DAMAGE AND PAINT AS SPECIFIED - DO NOT PAINT OVER FIRE LABELS WHERE APPLICABLE
7. 20-MINUTE SMOKE BARRIER DOOR
8. 90-MINUTE FIRE BARRIER DOOR

# DOOR FRAME TYPES




# DOOR SCHEDULE ABBREVIATIONS

| | |
|---|---|
| FACT | FACTORY FINISHED |
| GL-1 | TEMPERED GLASS PANEL |
| HM | HOLLOW METAL |
| P-2 | PAINTED FINISH (REF. FINISH SCHEDULE) |
| SR | SMOKE RESISTANT |


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Seattle, WA 98134

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MACDONALD MILLER
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Seattle, WA 98104

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PRCTI20250548

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE
DOOR SCHEDULE

SHEET NUMBER
A62-01

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## FINISH LEGEND

| TAG | LOCATION | TYPE | MFR | STYLE | COLOR/FINISH | SIZE | COMMENTS |
|---|---|---|---|---|---|---|---|
| CARPET | | | | | | | |
| CPT-1A | | CARPET | MOHAWK GROUP | FORWARD VISION GT135 | 936 TECHNIQUE | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-1B | | CARPET | MOHAWK GROUP | BRAIN POWER GT136 | 936 TECHNIQUE | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-2A | | CARPET | MOHAWK GROUP | FORWARD VISION GT135 | 138 CRAFTINESS | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-2B | | CARPET | MOHAWK GROUP | BRAIN POWER GT136 | 138 CRAFTINESS | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-3A | PALLIATIVE CARE | CARPET | MOHAWK GROUP | FORWARD VISION GT135 | 659 WORKMANSHIP | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-3B | | CARPET | MOHAWK GROUP | BRAIN POWER GT136 | 659 WORKMANSHIP | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-4A | | CARPET | MOHAWK GROUP | FORWARD VISION GT135 | 989 SKILL | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-4B | | CARPET | MOHAWK GROUP | BRAIN POWER GT136 | 989 SKILL | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-5 | SECURITY | CARPET | SHAW CONTRACT | SPACE WORX PRIMARY TILE 5T123 | BROWN BARK 17500 | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-6 | | CARPET | SHAW CONTRACT | SPACE WORX PRIMARY TILE 5T123 | KHAKI 17761 | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-7 | LEVEL 01 STAFF AREAS | CARPET | SHAW CONTRACT | SPACE WORX PRIMARY TILE 5T123 | STORM CLOUD 17597 | 24" X 24" | ASHLAR INSTALL PATTERN |
| CPT-8 | | CARPET | SHAW CONTRACT | SPACE WORX PRIMARY TILE 5T123 | DOVE GREY 17557 | 24" X 24" | ASHLAR INSTALL PATTERN |
| EPOXY COATING | | | | | | | |
| EC-1 | KITCHEN | EPOXY COATING | DUR-A-FLEX | POLY-CRETE SLB | GREY | | |
| ECB-1 | KITCHEN | EPOXY COATING | DUR-A-FLEX | POLY-CRETE SLB | GREY | 6" | INTEGRAL COVE BASE |
| PAINT | | | | | | | |
| P-1 | GENERAL WALL | PAINT | RODDA | CUSTOM MATCH | BARRISTER WHITE #19-05-909 | | |
| P-2 | GENERAL WALL, CEILING, SOFFITS | PAINT | RODDA | CUSTOM MATCH | BM OC-65 CHANTILLY LACE | | LATEX PAINT TYPICAL, EPOXY PAINT AT KITCHEN |
| P-3 | SECONDARY WALL | PAINT | RODDA | | POLISHE MARBLE 0274 | | |
| P-4 | GENERAL CEILING WITH P-1 AT WALL | PAINT | RODDA | | BUNNY CAKE 0012 | | |
| P-5 | ACCENT | PAINT | RODDA | | DREAMING OF THE DAY 0470 | | |
| P-6 | ACCENT | PAINT | RODDA | | NORTH BEACH BLUE 0485 | | |
| P-7 | ACCENT | PAINT | RODDA | | GATES OF GOLD 0997 | | |
| P-8 | ACCENT | PAINT | RODDA | | PERKY YELLOW 0926 | | |
| P-9 | ACCENT | PAINT | RODDA | | NEW FOLIAGE 0400 | | |
| P-10 | ACCENT | PAINT | RODDA | | SHARK FIN 0574 | | |
| P-11 | ACCENT | PAINT | RODDA | | GREYSTOKE 0575 | | |
| P-12 | ACCENT | PAINT | RODDA | | DEEP LAGOON 0507 | | |
| P-13 | ACCENT | PAINT | RODDA | | DOWAGER 0442 | | |
| P-14 | ACCENT | PAINT | RODDA | | FLICKERING FLAME 1005 | | |
| P-15 | ACCENT | PAINT | RODDA | | SUNRISE HEAT 0920 | | |
| P-16 | ACCENT | PAINT | RODDA | | FERN GULLY 0436 | | |
| P-17 | ACCENT | PAINT | RODDA | | SANDY SHOES 0199 | | |
| P-18 | ACCENT | PAINT | RODDA | | RIVER GOD 0450 | | |
| PLASTIC LAMINATE | | | | | | | |
| PLAM-1 | | PLASTIC LAMINATE | FORMICA | | PENCIL WOOD 7747-58 | | |
| PLAM-2 | | PLASTIC LAMINATE | FORMICA | | PECAN WOODLINE 5883-58 | | |
| PLAM-3 | | PLASTIC LAMINATE | FORMICA | | AMBER CHERRY 7919 | | |
| PLAM-4 | | PLASTIC LAMINATE | FORMICA | | THERMO WALNUT 6402-58 | | |
| PLAM-5 | | PLASTIC LAMINATE | FORMICA | | WALNUT RIFTWOOD 9283-NG | | |
| PLAM-6 | | PLASTIC LAMINATE | WILSONART | | SLATE GREY D91-60 | | |
| PLAM-7 | | PLASTIC LAMINATE | WILSONART | | CRISP LINEN 4942-38 | | |
| PLAM-8 | | PLASTIC LAMINATE | WILSONART | | CLASSIC LINEN 4943-38 | | |
| PLAM-9 | | PLASTIC LAMINATE | WILSONART | | FLAX LINEN 4990-38 | | |
| PLAM-10 | | PLASTIC LAMINATE | WILSONART | | CASUAL LINEN 4944-38 | | |
| RUBBER BASE | | | | | | | |
| RB-1 | GENERAL WALL BASE AT RESILIENT FLOORING | RUBBER BASE | JOHNSONITE | COVE BASE | TO MATCH ADJACENT WALL COLOR | 4" | |
| RB-2 | GENERAL WALL BASE AT CARPET | RUBBER BASE | JOHNSONITE | STRAIGHT BASE | TO MATCH ADJACENT WALL COLOR | 4" | |
| SHEET VINYL | | | | | | | |
| SV-1 | LEVEL 01 STAFF AREAS | SHEET VINYL | TEKNOFLOR | FORESTSCAPES HPD | 88060 LIGHT FAWN | | |
| SV-2 | LEVEL 02 STAFF AREAS | SHEET VINYL | TEKNOFLOR | FORESTSCAPES HPD | 88061 TANNED | | |
| SV-3 | | SHEET VINYL | TEKNOFLOR | FORESTSCAPES HPD | 88063 DAWN | | |
| SV-4 | | SHEET VINYL | TEKNOFLOR | FORESTSCAPES HPD | 88057 BUCK | | |
| SV-5 | | SHEET VINYL | TEKNOFLOR | CLASSIC CUT HPD | MINK MUFFS CC43108 | | |
| SV-6 | | SHEET VINYL | TEKNOFLOR | CLASSIC CUT HPD | CANDIED WALNUT CC43104 | | |
| SV-7 | | SHEET VINYL | TEKNOFLOR | CLASSIC CUT HPD | TWEEDY CC43105 | | |
| SV-8 | | SHEET VINYL | TEKNOFLOR | CLASSIC CUT HPD | SMARTY PANTS CC43106 | | |
| SV-9 | | SHEET VINYL | BARE NAKED/TEKNOFLOR | CS COLLECTION | LATTE CS5507 | | |
| SV-10 | BACK OF HOUSE | SHEET VINYL | BARE NAKED/TEKNOFLOR | CS COLLECTION | FRESH MACAROON CS5511 | | |
| SV-11 | | SHEET VINYL | BARE NAKED/TEKNOFLOR | CS COLLECTION | MOCHA CS5512 | | |
| SV-12 | | SHEET VINYL | MANNINGTON | BIOSPEC ARMOR | NORTHSTAR | | |
| SV-13 | | SHEET VINYL | MANNINGTON | BIOSPEC ARMOR | FROSTWORK | | |
| SV-14 | | SHEET VINYL | MANNINGTON | BIOSPEC ARMOR | GOLDEN HARVEST | | |
| SOLID SURFACE | | | | | | | |
| SSF-1 | | SOLID SURFACE | CORIAN | | <varies> | | <varies> |
| SSF-2 | | SOLID SURFACE | CORIAN | | BISQUE | | |
| SSF-3 | EVS | SOLID SURFACE | CORIAN | | SAVANNAH | | |
| SSF-4 | | SOLID SURFACE | CORIAN | | RAFFIA | | |
| SSF-5 | TYPICAL | SOLID SURFACE | CORIAN | | DOVE | | |
| SSF-6 | | SOLID SURFACE | CORIAN | | FAWN | | INTEGRAL SINKS ONLY |
| SSF-7 | | SOLID SURFACE | CORIAN | | DEEP MINK | | INTEGRAL SINKS ONLY |
| WALL PROTECTION | | | | | | | |
| CG-1 | PER PLAN | WALL PROTECTION | INPRO | CORNER GUARD | STAINLESS STEEL | 3-1/2"x3-1/2"x7' | |
| CG-2 | PER PLAN | WALL PROTECTION | INPRO | END WALL PROTECTION | STAINLESS STEEL | 3-1/2"x3-1/2"x7' | |
| CR-1 | CORRIDOR | WALL PROTECTION | ACROVYN | CRASH RAIL BG-10 | 162 CHARCOAL | 4" | INSTALLED AT 36" AFF |
| CR-2 | CORRIDOR | WALL PROTECTION | ACROVYN | CRASH RAIL BG-30 | 162 CHARCOAL | 2-3/4" | INSTALLED AT 52" AFF |
| WP-1 | | WALL PROTECTION | INPRO | SUEDE TEXTURE | ANTIQUE WHITE 0104 | | |
| WP-2 | PER PLAN | WALL PROTECTION | INPRO | SUEDE TEXTURE | FEATHER 0238 | 8' OR 4' | REFER TO FINISH PLANS FOR EXTENT |
| WP-3 | | WALL PROTECTION | INPRO | SUEDE TEXTURE | CHAMOIS 0234 | | |

PAINT & WALL COVERING NOTES

1. GYPSUM BOARD WALLS SHALL HAVE EGGSHELL FINISH, UNLESS NOTED OTHERWISE.
2. GYPSUM BOARD CEILINGS SHALL HAVE FLAT FINISH, UNLESS NOTED OTHERWISE.
3. ALL DOORS AND FRAMES SCHEDULED TO RECEIVE PAINT SHALL HAVE SEMI-GLOSS FINISH, UNLESS NOTED OTHERWISE.

## CEILING SYSTEMS

| TAG | TYPE | MFR | STYLE | COLOR / FINISH | COMMENT |
|---|---|---|---|---|---|
| ACT-1 | 2'x4' ACOUSTIC CEILING TILE SYSTEM | ARMSTRONG | ULTIMA, BEVELED TEGULAR, PRELUDE 15/16 | WHITE/ BLIZZARD WHITE | ACT-1 |
| ACT-2 | 2'x4' ACOUSTIC CEILING TILE SYSTEM | ARMSTRONG | KITCHEN ZONE, LAY-IN | WHITE/ BLIZZARD WHITE | STEEL SUSPENSION SYSTEM |
| ACT-3 | 2'x2' ACOUSTIC CEILING TILE SYSTEM | ARMSTRONG | ULTIMA, BEVELED TEGULAR, PRELUDE 15/16 | | ACT-3 |
| GYP BD | GYPSUM BOARD CEILING | | PAINTED | P-2, UNO | ETR |
| SST-1 | STAINLESS STEEL CEILING CLOSURE PANELS | | REFER TO KITCHEN DRAWINGS | | AT KITCHEN HOODS |

## FLOORING TRANSITION MATRIX

| | CARPET | EPOXY FLOORING | RESILIENT FLOORING | CONCRETE |
|---|---|---|---|---|
| CARPET | ABUT FINISHES | SCHLUTER VINPRO-S | SCHLUTER VINPRO-S | - |
| EPOXY FLOORING | SCHLUTER VINPRO-S | ABUT FINISHES | SCHLUTER VINPRO-T | - |
| RESILIENT FLOORING | SCHLUTER VINPRO-S | SCHLUTER VINPRO T | ABUT FINISHES | SCHLUTER RENO-U |
| CONCRETE | - | - | SCHLUTER RENO-U | ABUT FINISHES |

FLOORING TRANSITION NOTES:

1. METAL FLOORING TRANSITIONS SHALL BE **CLEAR ANODIZED ALUMINUM OR SATIN STAINLESS** FINISH.
2. COORDINATE HEIGHT OF FLOORING TRANSITION PRODUCTS WITH THICKNESSES OF CORRESPONDING FLOORING ASSEMBLIES.
3. REFER TO FINISH NOTES & PLAN ON A13 SERIES DRAWINGS FOR MORE INFORMATION.


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City of Puyallup
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PRCTI20250548

PHASE 1 PERMIT CORRECTIONS 07.21.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

**Job Number** 162433.000

TITLE

**FINISH SCHEDULE AND LEGEND**

SHEET NUMBER

**A64-01**

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7/25/2025 3:58:43 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/ARCH-MultiCare-Kitchen-R25.rvt

## GENERAL NOTES

THESE GENERAL NOTES ARE TO BE USED AS A SUPPLEMENT TO THE SPECIFICATIONS. ANY DISCREPANCIES FOUND AMONG THE DRAWINGS, THE SPECIFICATIONS, THESE GENERAL NOTES AND THE SITE CONDITIONS SHALL BE REPORTED TO THE ARCHITECT, WHO SHALL CORRECT SUCH DISCREPANCY IN WRITING. ANY WORK DONE BY THE GENERAL CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE GENERAL CONTRACTOR'S RISK. THE GENERAL CONTRACTOR SHALL VERIFY AND COORDINATE DIMENSIONS AMONG ALL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION. THE STRUCTURE HAS BEEN DESIGNED TO RESIST CODE SPECIFIED VERTICAL AND LATERAL FORCES AFTER THE CONSTRUCTION OF ALL STRUCTURAL ELEMENTS HAS BEEN COMPLETED. STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS THE SOLE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THIS RESPONSIBILITY INCLUDES BUT IS NOT LIMITED TO JOB SITE SAFETY; ERECTION MEANS, METHODS, AND SEQUENCES; TEMPORARY SHORING, FORMWORK, BRACING; USE OF EQUIPMENT AND CONSTRUCTION PROCEDURES. PROVIDE ADEQUATE RESISTANCE TO LOADS ON THE STRUCTURES DURING CONSTRUCTION PER SEI/ASCE STANDARD NO. 37-14 "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."

CONSTRUCTION OBSERVATION BY THE STRUCTURAL ENGINEER IS FOR GENERAL CONFORMANCE WITH DESIGN ASPECTS ONLY AND IS NOT INTENDED IN ANY WAY TO REVIEW THE CONTRACTOR'S CONSTRUCTION PROCEDURES.

STANDARDS
ALL METHODS, MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE 2021 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION.

CONTRACT DRAWINGS / DIMENSIONS

ARCHITECTURAL DRAWINGS ARE THE PRIME CONTRACT DRAWINGS. CONSULTANT DRAWINGS BY OTHER DISCIPLINES ARE SUPPLEMENTARY TO ARCHITECTURAL DRAWINGS. REPORT DIMENSIONAL OMISSIONS OR DISCREPANCIES BETWEEN ARCHITECTURAL DRAWINGS AND STRUCTURAL, MECHANICAL, ELECTRICAL OR CIVIL DRAWINGS TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS. PRIMARY STRUCTURAL ELEMENTS ARE DIMENSIONED ON STRUCTURAL PLANS AND DETAILS AND OVERALL LAYOUT OF STRUCTURAL PORTION OF WORK. SOME SECONDARY ELEMENTS ARE NOT DIMENSIONED, SUCH AS WALL CONFIGURATIONS, INCLUDING EXACT DOOR AND WINDOW LOCATIONS, ALCOVES, SLAB SLOPES AND DEPRESSIONS, CURBS, ETC. VERTICAL DIMENSIONAL CONTROL IS DEFINED BY ARCHITECTURAL WALL SECTIONS AND BUILDING SECTIONS. STRUCTURAL DETAILS SHOW DIMENSIONAL RELATIONSHIPS TO CONTROL DIMENSIONS DEFINED BY ARCHITECTURAL DRAWINGS. DETAILING AND SHOP DRAWING PRODUCTION FOR STRUCTURAL ELEMENTS WILL REQUIRE DIMENSIONAL INFORMATION CONTAINED IN **BOTH** ARCHITECTURAL AND STRUCTURAL DRAWINGS.

## DESIGN CRITERIA

VERTICAL LOADS

| AREA | DESIGN DEAD LOAD | LIVE LOAD (1) | PARTITION LOAD | CONCENTRATED LOADS |
|---|---|---|---|---|
| | | | | |
| ROOF | 20 PSF | 25 PSF | | 300# |
| OPERATING ROOMS AND LABORATORIES | 90 PSF | 60 PSF | | |
| PATIENT ROOMS | 90 PSF | 40 PSF | 20 PSF | |
| OFFICE | 90 PSF | 50 PSF | +15 PSF | 2,000# |
| CORRIDORS (ABOVE 1ST FLR) | 90 PSF | 80 PSF | | 2,000# |
| CORRIDORS (1ST FLR) | 90 PSF | 100 PSF | | 2,000# |
| STAIRS | 50 PSF | 100 PSF | | 300# |

(1) LIVE LOADS EXCEPT SNOW LOADS ARE REDUCED PER IBC SECTION 1607.12.

SNOW: (MINIMUM ROOF SNOW LOAD = 25 PSF)

Pg = 20 PSF = GROUND SNOW LOAD
Pf = 0.7CeCtIsPg = FLAT ROOF SNOW LOAD
Ps = CsPf = SLOPED ROOF SNOW LOAD
I s = 1.2 Ce = 1.0, Ct = 1.0, Cs = VARIES

LATERAL FORCES

WIND:

THE BUILDING MEETS THE CRITERIA TO USE THE "ENCLOSED, PARTIALLY ENCLOSED, AND OPEN BUILDING OF ALL HEIGHTS PROCEDURE" PER ASCE 7-16.

- EXPOSURE CATEGORY = B
- BASIC WIND SPEED, (3 SEC. GUST), $V_{ULT}$ = 108 MPH
- RISK CATEGORY PER IBC TABLE 1604.5 = IV
- TOPOGRAPHIC FACTOR $K_{ZT}$ = 1.0
- INTERNAL PRESSURE COEFFICIENT (ENCLOSED) = ± 0.18

SEISMIC: (ASCE 7-16)

THIS IS A LIMITED SCOPE REMODEL IN WHICH THE EXISTING LATERAL SYSTEM IS NOT BEING MODIFIED. SEISMIC PARAMETERS ARE LISTED FOR USE IN DETERMINING THE DEMANDS ON NON-STRUCTURAL COMPONENTS IN ACCORDANCE WITH CHAPTER 13 OF ASCE 7.

DESIGN SPECTRAL RESPONSE ACCELERATIONS $S_{DS}$ = 1.014

PIPES, DUCTS AND MECHANICAL EQUIPMENT SUPPORTED OR BRACED FROM STRUCTURE SHALL CONFORM TO SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC. PUBLICATION "SEISMIC RESTRAINT MANUAL: GUIDELINES FOR MECHANICAL SYSTEMS". SPRINKLER LINE ATTACHMENTS SHALL CONFORM TO NFPA PAMPHLET 13.

FOUNDATION DESIGN CRITERIA

ALLOWABLE SOIL BEARING PRESSURE: 1500 PSF (ASSUMED)*

ACTIVE PRESSURE - RESTRAINED: 50 PCF +14H SEISMIC SURCHARGE (ASSUMED)
ACTIVE PRESSURE - UNRESTRAINED: 35 PCF +6H SEISMIC SURCHARGE (ASSUMED)
PASSIVE RESISTANCE: 200 PCF (INCLUDES F.O.S. ≥ 1.5) (ASSUMED)
COEFFICIENT OF FRICTION: .35 (INCLUDES F.O.S. ≥ 1.5) (ASSUMED)
*1/3 INCREASE ALLOWED FOR SEISMIC OR WIND LOADING

ALL FOOTINGS SHALL BEAR ON FIRM, UNDISTURBED EARTH OR "STRUCTURAL BACKFILL". NATIVE EARTH BEARING SHALL BE SURFACE COMPACTED. AREAS OVER-EXCAVATED SHALL BE BACKFILLED WITH LEAN CONCRETE (f'c= 2000 PSI) OR "STRUCTURAL BACKFILL". AREAS DESIGNATED "STRUCTURAL BACKFILL" SHALL BE FILLED WITH APPROVED WELL-GRADED BANKRUN MATERIAL. MAXIMUM SIZE OF ROCK 4". FROZEN SOIL, ORGANIC MATERIAL AND DELETERIOUS MATTER NOT ALLOWED. COMPACT TO AT LEAST 95% OF ITS MAXIMUM DENSITY AS DETERMINED BY ASTM D1557. CONTRACTOR SHALL EXERCISE EXTREME CARE DURING EXCAVATION TO AVOID DAMAGE TO BURIED LINES, TANKS, AND OTHER CONCEALED ITEMS. UPON DISCOVERY, DO NOT PROCEED WITH WORK UNTIL RECEIVING WRITTEN INSTRUCTIONS FROM ARCHITECT. A COMPETENT REPRESENTATIVE OF THE OWNER SHALL INSPECT ALL FOOTING EXCAVATIONS FOR SUITABILITY OF BEARING SURFACES PRIOR TO PLACEMENT OF REINFORCING STEEL. PROVIDE DRAINAGE AND DEWATERING AROUND ALL WORK TO AVOID WATER-SOFTENED FOOTINGS.

FREE DRAINING BACKFILL MATERIAL FOR RETAINING & BASEMENT WALLS

A CLEAN, FREE DRAINING, WELL GRADED GRANULAR MATERIAL CONFORMING TO ASTM D2487 GW OR SW WHOSE MAXIMUM PARTICLE SIZE DOES NOT EXCEED 3/4" AND WHOSE FINES CONTENT (MATERIAL PASSING THE NO. 200 SIEVE) DOES NOT EXCEED 5%,

WITH A MAXIMUM DUST RATIO $\frac{\%\text{ PASSING U.S. NO. 200 SIEVE}}{\%\text{ PASSING U.S. NO. 40 SIEVE}}$ = 2/3 MAX.

## CONCRETE

CAST-IN-PLACE CONCRETE

CODES, SPECIFICATIONS, AND STANDARDS. CONCRETE WORK SHALL CONFORM TO THE FOLLOWING CODES, SPECIFICATIONS, AND STANDARDS, AND THE STANDARDS AND SPECIFICATIONS THEY REFERENCE. THE CONTRACTOR SHALL OBTAIN AND HAVE READILY AVAILABLE ON SITE THE LATEST VERSION OF THE "ACI MANUAL OF CONCRETE PRACTICE":

ACI:
1. ACI-117 'SPECIFICATIONS FOR TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS AND COMMENTARY'.
2. ACI-301 'SPECIFICATIONS FOR CONCRETE CONSTRUCTION'.
3. ACI-302.1 'GUIDE TO CONCRETE FLOOR AND SLAB CONSTRUCTION'.
4. ACI-304 'GUIDE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE'.
5. ACI-305.1 'SPECIFICATIONS FOR HOT WEATHER CONCRETING'.
6. ACI-306.1 'STANDARD SPECIFICATION FOR COLD WEATHER CONCRETING'.
7. ACI-308.1 'STANDARD SPECIFICATION FOR CURING CONCRETE'.
8. ACI-309 'GUIDE FOR CONSOLIDATION OF CONCRETE'.
9. ACI-311.4 'GUIDE FOR CONCRETE INSPECTION'.
10. ACI-315 'GUIDE TO PRESENTING REINFORCING STEEL DESIGN DETAILS'.
11. ACI-318 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE'.
12. ACI-506.2 'SPECIFICATION FOR SHOTCRETE'.
13. ACI 347 'GUIDE TO FORMWORK FOR CONCRETE'.
14. ACI 303 'GUIDE TO CAST-IN-PLACE ARCHITECTURAL CONCRETE PRACTICE'.

ASTM:
1. ASTM C33 'STANDARD SPECIFICATION FOR CONCRETE AGGREGATES'.
2. ASTM C94 'STANDARD SPECIFICATION FOR READY-MIX CONCRETE'.
3. ASTM C150 'STANDARD SPECIFICATION FOR PORTLAND CEMENT'.
4. ASTM C260 'STANDARD SPECIFICATION FOR AIR-ENTRAINED ADMIXTURES FOR CONCRETE'.
5. ASTM C309 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS FOR CURING CONCRETE'.
6. ASTM C494 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR CONCRETE'.
7. ASTM C595 'STANDARD SPECIFICATION FOR BLENDED HYDRAULIC CEMENTS'.
8. ASTM C618 'STANDARD SPECIFICATION FOR ... COAL-ASH...'.
9. ASTM C989 'STANDARD SPECIFICATION FOR SLAG...'.
10. ASTM C1017 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR USE IN PRODUCING FLOWING CONCRETE'.
11. ASTM C1116 'STANDARD SPECIFICATION FOR FIBER-REINFORCED CONCRETE'.
12. ASTM C1218 'STANDARD TEST METHOD FOR WATER-SOLUBLE CHLORIDE IN MORTAR AND CONCRETE'.
13. ASTM C1315 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING CONCRETE'

MIX DESIGNS: THE CONTRACTOR SHALL DESIGN CONCRETE MIXES THAT MEET OR EXCEED THE REQUIREMENTS OF THE CONCRETE MIX TABLE. ALL CONCRETE MIXES SHALL BE NORMAL WEIGHT, UNLESS NOTED OTHERWISE. THE MIX DESIGNS SHALL FACILITATE ANTICIPATED PLACEMENT METHODS, WEATHER, REBAR CONGESTION, ARCHITECTURAL FINISHES, CONSTRUCTION SEQUENCING, STRUCTURAL DETAILS, AND ALL OTHER FACTORS REQUIRED TO PROVIDE A STRUCTURALLY SOUND, AESTHETICALLY ACCEPTABLE FINISHED PRODUCT. WATER REDUCING ADMIXTURES WILL LIKELY BE REQUIRED TO MEET THESE REQUIREMENTS. CONCRETE MIX DESIGNS SHALL CLEARLY INDICATE THE TARGET SLUMP. SLUMP TOLERANCE SHALL BE ± 1-1/2 INCHES.

LIGHTWEIGHT CONCRETE: SHALL CONFORM TO ASTM C330 AND ACI 211.2. LIGHTWEIGHT CONCRETE SHALL HAVE MAXIMUM DRY DENSITY OF 116 PCF AND A MINIMUM OF 90 PCF AT PLACEMENT.

AGGREGATE: COARSE AND FINE AGGREGATE SHALL CONFORM TO ASTM C33

CEMENT: CEMENT SHALL CONFORM TO ASTM C150, TYPE II PORTLAND CEMENT OR ASTM C595 - TYPE IL PORTLAND LIMESTONE CEMENT, UNLESS NOTED OTHERWISE. CEMENT IN CONCRETE EXPOSED TO EARTH SHALL BE TYPE II OR TYPE IL-MS.

FLYASH: SHALL CONFORM TO ASTM C618 CLASS C OR F, MAXIMUM LOSS OF IGNITION SHALL BE 1.0%.

SLAG: GROUND GRANULATED BLAST-FURNACE (GGBF) SLAG SHALL CONFORM TO ASTM C989 GRADE 100 OR 120.

ALTERNATE MIX DESIGNS: VARIATIONS TO THE MIX DESIGN PROPORTIONS MAY BE ACCEPTED IF SUBSTANTIATED IN ACCORDANCE WITH ACI 318, CHAPTER 19. PROVIDE SUBMITTALS A MINIMUM OF TWO WEEKS PRIOR TO BID FOR DETERMINATION OF ACCEPTABILITY.

ADMIXTURES: ADMIXTURES SHALL BE BY MASTER BUILDERS, W.R. GRACE, OR PRE-APPROVED EQUAL. ALL MANUFACTURER'S RECOMMENDATIONS SHALL BE FOLLOWED.

WATER: SHALL BE CLEAN AND POTABLE.

MAXIMUM CHLORIDE CONTENT: THE MAXIMUM WATER SOLUBLE CHLORIDE CONTENT SHALL NOT EXCEED 0.15% BY WEIGHT OF CEMENTITIOUS MATERIAL UNLESS NOTED OTHERWISE.

CONCRETE EXPOSED TO WEATHER: PROVIDE 5.0% TOTAL AIR CONTENT FOR ALL CONCRETE EXPOSED TO WEATHER. TOTAL AIR CONTENT IS THE SUM OF ENTRAINED AIR PROVIDED BY ADMIXTURES AND NATURALLY OCCURRING ENTRAPPED AIR. AIR CONTENT SHALL BE TESTED PRIOR TO BEING PLACED IN THE PUMP HOPPER OR BUCKET; IT IS NOT REQUIRED TO BE TESTED AT THE DISCHARGE END OF THE PUMP HOSE. THE TOLERANCE ON ENTRAPPED AIR SHALL BE +2.0% AND -1.5% WITH THE AVERAGE OF ALL TESTS NOT LESS THAN THE SPECIFIED AMOUNT.

SHOTCRETE: SHALL CONFORM TO IBC SECTION 1908.

TOTAL CEMENTITIOUS MATERIAL: THE SUM OF ALL CEMENT PLUS FLYASH AND SLAG. AT THE CONTRACTORS OPTION FLYASH OR SLAG MAY BE SUBSTITUTED FOR CEMENT BUT SHALL NOT EXCEED 25% BY WEIGHT OF TOTAL CEMENTITIOUS MATERIAL. IN NO CASE SHALL THE AMOUNT OF FLYASH OR SLAG BE LESS THAN REQUIRED BY THE CONCRETE MIX DESIGN TABLE. FOOTING MIXES SHALL CONTAIN NOT LESS THAN **5 SACKS** OF CEMENTITIOUS MATERIAL PER CUBIC YARD, ALL OTHER MIXES SHALL CONTAIN NOT LESS THAN **5-1/2 SACKS** OF CEMENTITIOUS MATERIAL PER CUBIC YARD, UNLESS NOTED OTHERWISE.

| ITEM | DESIGN f'c (PSI) (AT 28 DAYS U.N.O.) | MAX. W/C RATIO | MIN. FLYASH OR SLAG (PCY) | AGGREGATE GRADING ASTM AASHTO | NOTES |
|---|---|---|---|---|---|
| SLABS ON GRADE - UNO | 4000 | 0.45 | 100 | 57 OR 67 | |
| FOUNDATIONS - UNO | 3000 | 0.50 | -- | 57 OR 67 | |
| STEM WALLS AND OTHER WALLS EXPOSED TO EARTH OR WEATHER | 4500 | 0.45 | 100 | 57 OR 67 | |
| CONTROLLED DENSITY FILL (CDF) | 200 | -- | -- | SAND | 1 |
| ALL OTHER CONCRETE | 4000 | 0.50 | -- | 57 OR 67 | |

CONCRETE MIX NOTES:

1. SAND - CEMENT CONCRETE GROUT.

CONCRETE PLACEMENT

PLACE CONCRETE FOLLOWING ALL APPLICABLE ACI RECOMMENDATIONS. CONCRETE SHALL BE PROPERLY CONSOLIDATED PER ACI 309 USING INTERIOR MECHANICAL VIBRATORS, DO NOT OVER-VIBRATE. CONCRETE SHALL BE POURED MONOLITHICALLY BETWEEN CONSTRUCTION OR EXPANSION JOINTS. IF CONCRETE IS PLACED BY THE PUMP METHOD, HORSES SHALL BE PROVIDED TO SUPPORT THE HOSE, THE HOSE SHALL NOT BE ALLOWED TO RIDE ON THE REINFORCING. WEATHER FORECASTS SHALL BE MONITORED AND ACI RECOMMENDATIONS FOR HOT AND COLD WEATHER CONCRETING SHALL BE FOLLOWED AS REQUIRED. CONCRETE SHALL NOT FREE FALL MORE THAN 5 FEET DURING PLACEMENT WITHOUT WRITTEN APPROVAL OF STRUCTURAL ENGINEER.

COLD WEATHER PLACEMENT:

1. COLD WEATHER IS DEFINED BY ACI 306 AS "A PERIOD WHEN FOR MORE THAN 3 SUCCESSIVE DAYS THE MEAN DAILY TEMPERATURE DROPS BELOW 40° F."
2. NO CONCRETE SHALL BE PLACED ON FROZEN OR PARTIALLY FROZEN GROUND. THAWING THE GROUND WITH HEATERS IS PERMISSIBLE.
3. CONCRETE MIX TEMPERATURES SHALL BE AS SHOWN BELOW. HEATING OF WATER AND/OR AGGREGATES MAY BE REQUIRED TO ATTAIN THESE TEMPERATURES.
4. THE CONCRETE MAY REQUIRE PROTECTION FOR 4-7 DAYS AFTER POURING. IF TEMPERATURES REMAIN BELOW FREEZING, INSULATING BLANKET COVERAGE IS REQUIRED. IF TEMPERATURES ARE SLIGHTLY BELOW FREEZING (30° F MIN.) AT NIGHT AND ABOVE FREEZING DURING THE DAY, KRAFT PAPER WITH COMPLETE COVERAGE MAY BE USED IN LIEU OF INSULATED BLANKETS.
5. NO ADDITIVES CONTAINING CHLORIDES SHALL BE USED. USE "POZZUTEC 20+" BY MASTER BUILDERS OR "POLARSET" BY W.R. GRACE OR PRE-APPROVED EQUAL.

| CONDITION OF PLACEMENT AND CURING | | WALLS & SLABS | FOOTINGS |
|---|---|---|---|
| MIN. TEMP. FRESH CONCRETE AS MIXED FOR WEATHER INDICATED, DEGREES F. | ABOVE 30° F. | 60° | 55° |
| | 0° TO 30° F. | 65° | 60° |
| | BELOW 0° F. | 70° | 65° |
| MIN. TEMP. FRESH CONCRETE AS PLACED AND MAINTAINED, DEGREES F. | | 55° | 50° |
| MAX. ALLOWABLE GRADUAL DROP IN TEMP. THROUGHOUT FIRST 24 HOURS AFTER END OF PROTECTION, DEGREES F. | | 50° | 40° |

HOT OR WINDY WEATHER PLACEMENT

HOT WEATHER IS DEFINED BY ACI 305 AS "ANY COMBINATION OF HIGH AIR TEMPERATURE, LOW RELATIVE HUMIDITY, AND WIND VELOCITY, TENDING TO IMPAIR THE QUALITY OF FRESH HARDENED CONCRETE. ACI 305 FIGURE 2.1.5 SHALL BE USED BY THE CONTRACTOR TO ESTIMATE THE RATE OF EVAPORATION. WHEN THE ESTIMATED RATE OF EVAPORATION IS GREATER THAN O.2 PSF/HOUR THE PLACEMENT SHALL BE CONSIDERED A HOT WEATHER PLACEMENT. PRECAUTIONS AGAINST PLASTIC SHRINKAGE CRACKING ARE NECESSARY. PRECAUTIONS TAKEN BY THE CONTRACTOR VARY DEPENDING UPON THE FACTORS ASSOCIATED WITH WATER EVAPORATION AND INCLUDE BUT ARE NOT LIMITED TO:

1. LIMITING CONCRETE TEMPERATURE TO 100°F AT TIME OF PLACEMENT.
2. APPLICATION OF AN EVAPORATION RETARDER.
3. USE OF FOG SPRAY.
4. REDUCTION OF POUR SIZE.
5. PLACING CONCRETE AT NIGHT.

CONTROL AND CONSTRUCTION JOINTS

CONSTRUCTION JOINTS SHALL MEET THE REQUIREMENTS OF ACI 301 SECTIONS 2.2.2.5 AND 5.3.2.6. SPECIAL BONDING METHODS PER SECTION 5.3.2.6 SHALL BE SATISFIED BY ITEM 6 BELOW UNLESS OTHERWISE DETAILED ON THE STRUCTURAL DRAWINGS. WHERE CONSTRUCTION JOINTS ARE NOT SHOWN ON PLAN OR ADDITIONAL CONSTRUCTION JOINTS ARE REQUIRED SUBMIT PROPOSED JOINTING FOR STRUCTURAL ENGINEERS APPROVAL. PROVIDE CONSTRUCTION JOINTS AS INDICATED BELOW UNLESS NOTED OTHERWISE ON THE PLANS:

1. SLABS ON GRADE: PROVIDE CONSTRUCTION AND/OR CONTROL JOINTS AT 16 FEET O.C. MAXIMUM FOR UNEXPOSED SLABS ON GRADE AND 12 FEET O.C. FOR EXPOSED SLABS ON GRADE. COORDINATE JOINTS WITH ARCHITECTURAL DRAWINGS.
2. BONDING AGENT: WHERE BONDING AGENT IS SPECIFICALLY CALLED OUT ON THE STRUCTURAL DRAWINGS USE "WELD CRETE" BY LARSEN PRODUCTS CORPORATION OR PRE-APPROVED EQUAL. FOLLOW ALL MANUFACTURERS RECOMMENDATIONS.
3. ATTACHMENT OF NEW CONCRETE TO EXISTING: WHERE SHOWN, ROUGHEN CONCRETE TO A MINIMUM AMPLITUDE OF 1/4" USING IMPACT HAMMER. REMOVE ALL LOOSE OR DAMAGED CONCRETE, THOROUGHLY FLUSH ALL SURFACES WITH POTABLE WATER, AIR BLAST WITH OIL FREE COMPRESSED AIR TO REMOVE ALL WATER.

EMBEDDED ITEMS

1. NO ALUMINUM ITEMS SHALL BE EMBEDDED IN ANY CONCRETE.
2. ALL EMBED PLATES SHALL BE SECURELY FASTENED IN PLACE.
3. ALL EMBEDDED STEEL ITEMS EXPOSED TO EARTH SHALL BE GALVANIZED.
4. ALL EMBEDDED STEEL ITEMS EXPOSED TO WEATHER SHALL BE PAINTED UNLESS NOTED AS GALVANIZED. SEE DRAWINGS AND SPECIFICATIONS FOR PAINT, PRIMER, AND GALVANIZING REQUIREMENTS.

CONCRETE CURING AND SEALING

CURING PROCEDURES SHALL COMMENCE IMMEDIATELY AFTER FINISHING CONCRETE TO MAINTAIN CONCRETE IN A MOIST CONDITION. VERIFY CURING AND/OR SEALING PRODUCTS ARE COMPATIBLE WITH FLOOR COVERINGS SHOWN ON THE ARCHITECTURAL DRAWINGS. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS. SLABS ARE DEFINED AS SLABS ON GRADE, CONCRETE ON METAL DECK, ELEVATED POST-TENSIONED OR MILD REINFORCED DECKS, AND TOPPING SLABS.

| ITEM | CONCRETE CURING NOTES |
|---|---|
| ALL OTHER SLABS | 1, (3 OR 4 OR 5) |
| FORMED SURFACES EXCLUDING FOUNDATIONS | 2 |
| SHOTCRETE WALLS | 4 |
| ALL OTHER CONCRETE | NONE |

CONCRETE CURING NOTES:

1. WHEN THE ESTIMATED EVAPORATION RATE IS GREATER THAN 0.2 PSF/HOUR PROVIDE A SPRAY APPLIED EVAPORATION RETARDER IMMEDIATELY AFTER CONCRETE PLACEMENT. THE EVAPORATION RATE MAY BE CALCULATED PER ACI 305 FIGURE 2.1.5.
2. APPLY A LIQUID MEMBRANE FORMING CURING COMPOUND, CONFORMING TO ASTM C309 TYPE 1 CLASS B SPECIFICATIONS, PER MANUFACTURER'S RECOMMENDATIONS TO ALL FORMED SURFACES IMMEDIATELY AFTER FINAL FORM REMOVAL. NOT REQUIRED IF FORMWORK REMAINS IN PLACE FOR MORE THAN 7 DAYS.
3. PROVIDE PRE-APPROVED CONTINUOUS WET CURE METHOD FOR A MINIMUM OF 14 DAYS.
4. APPLY A LIQUID MEMBRANE FORMING CURING COMPOUND, CONFORMING TO ASTM C309 TYPE 1 CLASS B SPECIFICATIONS OR ASTM C1315 TYPE 1 CLASS A SPECIFICATIONS, PER MANUFACTURER'S RECOMMENDATIONS IMMEDIATELY AFTER FINAL FINISHING. CURING COMPOUND SHALL BE COMPATIBLE WITH ARCHITECTURAL FLOOR COVERINGS AND SEALERS.
5. PROVIDE "ULTRACURE DOT" MOISTURE RETAINING COVER BY MCTECH GROUP, OR APPROVED EQUAL, FOR A MINIMUM OF 14 DAYS.
6. APPLY A SILANE SEALER WITH MINIMUM SOLIDS CONTENT OF 40% PER MANUFACTURER'S RECOMMENDATIONS.

GROUT

NON-SHRINK GROUT: MASTER BUILDERS "MASTERFLOW 928" OR PRE-APPROVED EQUAL. GROUT SHALL CONFORM TO CRD-C621 AND ASTM C1107 WHEN TESTED AT A FLUID CONSISTENCY PER CRD-C611-85 FOR 30 MINUTES. GROUT MAY BE PLACED FROM A 25 SECOND FLOW TO A STIFF PACKING CONSISTENCY. FILL OR PACK ENTIRE SPACE UNDER PLATES OR SHAPES. FOLLOW MANUFACTURER'S RECOMMENDATIONS FOR PREPARATION, INSTALLATION, AND CURING. 28-DAY MINIMUM STRENGTH SHALL BE 7,500 PSI MINIMUM

## REINFORCING STEEL

REINFORCING STEEL SHALL CONFORM TO:

ASTM A615, GRADE 60 TYPICAL UNLESS NOTED OTHERWISE.

ASTM A615 GRADE 75 WHERE NOTED AS Fy = 75 ON DRAWINGS.

ASTM A615 GRADE 80 WHERE NOTED AS Fy = 80 ON DRAWINGS.

ASTM A615 GRADE 40 WHERE NOTED AS Fy = 40 ON DRAWINGS, HIGHER GRADES MAY NOT BE SUBSTITUTED.

ASTM A706 GRADE 60 FOR ALL MOMENT FRAME HORIZONTAL BEAM BARS, MOMENT FRAME VERTICAL COLUMN BARS, VERTICAL SHEAR WALL BARS, ALL COUPLING BEAM BARS (EXCEPT TIES), AND ALL ANCHORAGE REINFORCING AT BASE PLATES OF STEEL COLUMNS PART OF MOMENT FRAME/BRACED FRAME. PER ACI 318, ASTM A615 GRADE 60 MAY BE SUBSTITUTED FOR THESE MEMBERS IF THE ACTUAL YIELD STRENGTH BASED ON MILL TESTS DOES NOT EXCEED THE SPECIFIED YIELD STRENGTH BY MORE THAN 18 KSI, THE RATIO OF ACTUAL ULTIMATE TENSILE STRENGTH TO ACTUAL YIELD STRENGTH IS NOT LESS THAN 1.25, AND IF THE ELONGATION OVER AN 8" GAGE LENGTH MEETS THE FOLLOWING:

| BAR SIZE | MINIMUM ELONGATION |
|---|---|
| #3 - #6 | 14% ≥ |
| #7 - #11 | 12% ≥ |
| #14, #18 | 10% ≥ |

ASTM A706 GRADE 60 FOR ALL WELDED BARS.

DETAIL FABRICATE AND PLACE PER ACI 315 AND ACI 318.

WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A1064. LAP ONE FULL MESH ON SIDES AND ENDS BUT NOT LESS THAN 8 INCHES. WELDED WIRE REINFORCING SHALL BE SUPPORTED TO WITHSTAND CONCRETE PLACEMENT. PULLING OF MESH INTO PLACE AFTER PLACEMENT IS NOT ALLOWED.

| REINFORCING SPLICE AND DEVELOPMENT LENGTH SCHEDULE, Fy=60 KSI (UNLESS NOTED OTHERWISE) | | | | | |
|---|---|---|---|---|---|
| BAR SIZE | MINIMUM LAP SPLICE LENGTHS ("Ls") | | MINIMUM DEVELOPMENT LENGTHS ("Ld") | | MINIMUM EMBEDMENT LENGTH FOR STANDARD END HOOKS ("Ldh") |
| | TOP BARS (1) | OTHER BARS | TOP BARS (1) | OTHER BARS | |
| #3 | 2'-0" | 1'-6" | 1'-6" | 1'-3" | 0'-6" |
| #4 | 2'-8" | 2'-0" | 2'-0" | 1'-7" | 0'-6" |
| #5 | 3'-4" | 2'-7" | 2'-7" | 2'-0" | 0'-8" |
| #6 | 4'-0" | 3'-1" | 3'-1" | 2'-4" | 0'-10" |
| #7 | 5'-10" | 4'-6" | 4'-6" | 3'-6" | 1'-0" |
| #8 | 6'-8" | 5'-2" | 5'-2" | 3'-11" | 1'-3" |
| #9 | 7'-6" | 5'-10" | 5'-10" | 4'-6" | 1'-6" |
| #10 | 8'-6" | 6'-6" | 6'-6" | 5'-0" | 1'-9" |
| #11 | 9'-5" | 7'-3" | 7'-3" | 5'-7" | 2'-1" |
| #14 | MECHANICAL SPLICE REQUIRED | | 8'-8" | 6'-8" | 5'-6" |
| #18 | MECHANICAL SPLICE REQUIRED | | 11'-7" | 8'-11" | 8'-5" |

SPLICE TABLE NOTES:

1. "TOP BARS" ARE HORIZONTAL BARS WITH MORE THAN 12" DEPTH OF CONCRETE CAST BELOW THEM.

MECHANICAL COUPLERS: "LENTON" BY NVENT, "CADWELD" BY NVENT, "BAR-LOCK" BY DAYTON SUPERIOR L-SERIES, OR PRE-APPROVED EQUAL. COUPLERS SHALL BE TYPE 2 PER ACI 318 SECTION 18.2.7.1.

WELDED HALF COUPLERS: "LENTON" BY NVENT WELDABLE HALF COUPLERS TYPE C2/C3J OR APPROVED EQUAL.

TERMINATORS: "LENTON" BY NVENT THREADED TERMINATORS TYPE D6 OR APPROVED EQUAL.

FORM SAVERS: "LENTON" BY NVENT THREADED FORM SAVERS TYPE FS OR APPROVED EQUAL.

REINFORCING STEEL COVER

PROVIDE CONCRETE COVER OVER REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:

CONCRETE CAST AGAINST EARTH ---------- 3"
EXPOSED TO WEATHER OR EARTH ---------- 2"
TIES ON BEAMS AND COLUMNS ---------- 1-1/2"
WALLS AND SLABS NOT EXPOSED TO WEATHER---- 3/4"

## GENERAL REQUIREMENTS

REPAIR MORTAR: SIKA "QUICK VOH" OR PRE-APPROVED EQUAL. TREAT ALL REBAR IN PATCH AREA WITH SIKA "ZINC-RICH 1 PRIMER" OR PRE-APPROVED EQUAL. FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS.

## POST-INSTALLED ANCHORS

POST-INSTALLED ANCHORS: SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. CARE SHALL BE TAKEN IN PLACING POST-INSTALLED ANCHORS TO AVOID CONFLICTS WITH REBAR. INSTALL IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. INSTALLER SHALL BE QUALIFIED AND TRAINED BY THE MANUFACTURER. HOLES SHALL BE HAMMER DRILLED ONLY (ROTARY DRILLED ONLY AT UNREINFORCED MASONRY - NO HAMMER TOOLS).

SUBSTITUTION REQUESTS, FOR PRODUCTS OTHER THAN THOSE SPECIFIED BELOW, SHALL BE SUBMITTED FOR APPROVAL A MINIMUM OF 2 WEEKS PRIOR TO BID, ALONG WITH CALCULATIONS THAT SHALL BE STAMPED BY A PROFESSIONAL ENGINEER (LICENSED IN THE STATE OF THE PROJECT) DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE VALUES (MINIMUM) OF THE SPECIFIED PRODUCT USING THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.

CONCRETE ANCHORS:
- ADHESIVE ANCHORS: HILTI HIT-HY 200 V3 (ICC-ESR-4868), HILTI HIT-RE 500 V3 (ICC-ESR-3814), DEWALT PURE 110+ (ICC-ESR-3298) OR SIMPSON SET-3G (ICC-ESR-4057) OR PRE-APPROVED EQUAL.
  - *CONCRETE SHALL BE A MINIMUM OF 21 DAYS OLD AT TIME OF INSTALLATION.
  - *CONCRETE SHALL BE IN THE TEMPERATURE RANGE AS REQUIRED BY THE CONCRETE MANUFACTURER.
  - *HOLE SHALL BY HAMMER-DRILLED ONLY.
  - *DO NOT INSTALL IN WATER-FILLED HOLES.
  - *INSTALLER OF HORIZONTAL OR UPWARDLY INCLINED (ANY POSITION EXCEPT DIRECTLY DOWNWAR

NON-AISC CERTIFIED STEEL FABRICATORS SHALL HAVE FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

STEEL ERECTORS

ALL STEEL ERECTION SHALL BE PERFORMED BY AN ERECTOR CERTIFIED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. THE ERECTOR SHALL BE DESIGNATED AN AISC CERTIFIED ERECTOR, CATEGORY CSE AT THE TIME OF BID AND SHALL MAINTAIN THIS CERTIFICATION FOR THE DURATION OF THE PROJECT.

NON-AISC CERTIFIED STEEL ERECTORS MAY BE ACCEPTABLE PROVIDED THEY HAVE A MINIMUM OF (5) YEARS EXPERIENCE ON PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TO STRUCTURAL ENGINEER (2) WEEKS PRIOR TO BID.

STEEL DETAILERS

ALL STEEL DETAILING SHALL BE PERFORMED BY A DETAILER WITH FIVE YEARS MINIMUM EXPERIENCE ON SIMILAR PROJECTS OF EQUAL OR LARGER COMPLEXITY AND SCOPE. QUALIFICATIONS SHALL BE SUBMITTED TWO WEEKS PRIOR TO BID.

MATERIAL PROPERTIES

WIDE FLANGE SECTIONS: ASTM A992 (Fy = 50 KSI)

OTHER SHAPES AND PLATES: ASTM A36 (Fy = 36 KSI) TYP. U.N.O.; ASTM A572 (Fy = 50 KSI) WHERE INDICATED

HOLLOW STRUCTURAL SECTIONS: RECTANGULAR & SQUARE - ASTM A500, GRADE C (Fy = 50 KSI) ROUND - ASTM A500, GRADE C (Fy = 46 KSI)

STRUCTURAL STEEL PIPES: ASTM A53, GRADE B, TYPE E OR S (Fy = 35 KSI)

MACHINE BOLTS (M.B.): ASTM A307, GRADE A

HIGH-STRENGTH BOLTS: ASTM 3125, GRADE F1852, UNLESS NOTED OTHERWISE, ASTM 3125, GRADE F2280 WHERE INDICATED

ANCHOR BOLTS (A.B.): ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE, ASTM F1554, GRADE 105 WHERE INDICATED.

WIDE FLANGE STRUCTURAL MEMBERS WHICH ARE ASTM A6 GROUP 3 SHAPES WITH FLANGE THICKNESS 1-1/2" THICK AND THICKER, AND ALL ASTM A6 GROUP 4 AND 5 SHAPES AND PLATE THAT IS 1-1/2" THICK OR THICKER SHALL HAVE A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LBS @ 70 DEG F.

## WELDING

STRUCTURAL STEEL: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE" AWS D1.1.

LATERAL FORCE-RESISTING SYSTEM: WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE SEISMIC SUPPLEMENT" AWS D1.8.

REINFORCING STEEL: WELD IN ACCORDANCE WITH "REINFORCING STEEL WELDING CODE" AWS D1.4. WELD ONLY WITH SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER. IN NO CASE SHALL A WELD BE MADE WITHIN 6 BAR DIAMETERS OF A "COLD BEND".

CERTIFICATION: ALL WELDING SHALL BE PERFORMED BY WABO CERTIFIED WELDERS. WELDERS SHALL BE PREQUALIFIED FOR EACH POSITION AND WELD TYPE WHICH THE WELDER WILL BE PERFORMING.

WELD TABS (ALSO KNOWN AS WELD "EXTENSION" TABS OR "RUN OFF" TABS) SHALL BE USED. AFTER THE WELD HAS BEEN COMPLETED THE WELD TABS SHALL BE REMOVED AND THE WELD END GROUND TO A SMOOTH CONTOUR. WELD "DAMS" OR "END DAMS" SHALL NOT BE USED.

THE PROCESS CONSUMABLES FOR ALL WELD FILLER METAL INCLUDING TACK WELDS, ROOT PASS AND SUBSEQUENT PASSES DEPOSITED IN A JOINT SHALL BE COMPATIBLE.

ALL WELD FILLER METAL AND WELD PROCESS SHALL PROVIDE THE TENSILE STRENGTH AND CHARPY V-NOTCH RATINGS AS FOLLOWS:

GRAVITY FRAME

| WELD TYPE | FILLER METAL TENSILE STRENGTH | CHARPY V-NOTCH (CVN) RATING |
|---|---|---|
| FILLET | 70 KSI | ----- |
| PARTIAL PENETRATION | 70 KSI | ----- |
| COMPLETE PENETRATION | 70 KSI | 20 FT-LBS @ 40 DEG F |

LATERAL FORCE-RESISTING SYSTEM

| WELD TYPE | FILLER METAL TENSILE STRENGTH | CHARPY V-NOTCH (CVN) RATING |
|---|---|---|
| FILLET | 70 KSI | 20 FT-LBS @ 0 DEG F |
| PARTIAL PENETRATION | 70 KSI | 20 FT-LBS @ 0 DEG F |
| COMPLETE PENETRATION | 70 KSI | 20 FT-LBS @ 0 DEG F |
| FILLET (1) | 70 KSI | 40 FT-LBS @ 70 DEG F |
| PARTIAL PENETRATION (1) | 70 KSI | 40 FT-LBS @ 70 DEG F |
| COMPLETE PENETRATION (1) | 70 KSI | 40 FT-LBS @ 70 DEG F |

(1) DCW LOCATIONS ARE INDICATED IN THE DETAILS.

WELDED CONNECTIONS INSPECTION:

1. ALL WELDING SHALL BE CHECKED BY VISUAL MEANS AND BY OTHER METHODS DEEMED NECESSARY BY THE WELDING INSPECTOR.

2. ALL FULL PENETRATION WELDS TO MEMBERS WHICH FORM A PORTION OF THE LATERAL FORCE-RESISTING SYSTEM SHALL BE CHECKED 100 PERCENT BY ULTRASONIC TESTING.

3. THE CONTRACTOR SHALL SUBMIT A WRITTEN WELDING PROCEDURE SPECIFICATION FOR SHOP AND FIELD WELDING OF ALL LATERAL FORCE-RESISTING SYSTEM CONNECTIONS FOR APPROVAL TO THE STRUCTURAL ENGINEER OF RECORD PRIOR TO FABRICATION.

THE STANDARDS OF ACCEPTANCE FOR WELDS TESTED BY ULTRASONIC METHODS SHALL CONFORM TO AWS D1.1.

ALL WELDS FOUND TO BE DEFECTIVE SHALL BE REPAIRED AND REINSPECTED BY THE SAME METHODS ORIGINALLY USED, AND THIS REPAIR AND REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR

## GENERAL REQUIREMENTS

HIGH-STRENGTH BOLTS: ALL A325 HIGH-STRENGTH BOLTS (HSB) INDICATED AS A325 IN THE DRAWINGS SHALL BE ASTM F3125, GRADE F1852, UNLESS OTHERWISE INDICATED AS A490. ALL HSB INDICATED AS A490 SHALL BE ASTM F3125, GRADE F2280. ALL HSB SHALL BE BY "LEJEUNE BOLT COMPANY" OR PRE-APPROVED EQUAL AND SHALL BE INSTALLED PER SECTION 8.2 OF THE "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS", JUNE 2020 BY THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC SPECIFICATION). ALL BOLT HOLES SHALL BE STANDARD ROUND HOLES UNLESS NOTED OTHERWISE. THE FAYING SURFACES OF ALL PLIES WITHIN THE GRIP OF SLIP-CRITICAL BOLTS (A325SC OR A490SC) SHALL MEET THE REQUIREMENTS FOR A CLASS A SURFACE PER SECTION 3.2 OF THE RCSC SPECIFICATION.

BOLTED CONNECTIONS INSPECTION: CONNECTIONS MADE WITH BEARING TYPE BOLTS SHALL BE INSPECTED PER SECTION 9.1 AND CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL BE INSPECTED PER SECTION 9.3 OF RCSC SPECIFICATION.

ADHESIVE ANCHOR RODS: FULLY THREADED ASTM F1554, GRADE 36 UNLESS NOTED OTHERWISE.

FINISH: STRUCTURAL STEEL SHALL BE UNPAINTED, UNLESS NOTED OTHERWISE, AND SHALL BE CLEAN OF LOOSE RUST, LOOSE MILL SCALE, OIL, GREASE AND OTHER FOREIGN SUBSTANCES AND SHALL MEET THE REQUIREMENTS OF SSPC-SP1. WHERE STRUCTURAL STEEL IS NOTED TO BE PAINTED, ALL AREAS COMPRISING THE FAYING SURFACES OF BOLTED CONNECTIONS MADE WITH SLIP-CRITICAL TYPE BOLTS (A325SC OR A490SC) SHALL COMPLY WITH THE REQUIREMENTS OF THE RCSC SPECIFICATION. WHERE STRUCTURAL STEEL IS NOTED TO BE GALVANIZED, IT SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH ASTM A123, A384, AND A385. ALL SURFACES WITHIN TWO INCHES OF ANY FIELD WELD LOCATION SHALL BE FREE OF MATERIALS THAT WOULD PREVENT PROPER WELDING OR PRODUCE OBJECTIONABLE FUMES. FIELD TOUCH-UP OF PRIMED, PAINTED, AND GALVANIZED SURFACES SHALL BE PERFORMED TO REPAIR COATING ABRASIONS, AS WELL AS TO PROTECT ALL AREAS AT CONNECTIONS.

## COLD-FORMED STEEL FRAMING CONSTRUCTION:

THE DESIGN, INSTALLATION AND CONSTRUCTION OF COLD-FORMED CARBON OR LOW-ALLOY STEEL, STRUCTURAL AND NON-STRUCTURAL STEEL FRAMING, SHALL BE IN ACCORDANCE WITH IBC SECTION 2211 AND AMERICAN IRON AND STEEL INSTITUTE (AISI) STANDARD S100-16 AND S240-20 AND SHALL BE MANUFACTURED BY A MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), CERTIFIED STEEL STUD ASSOCIATION (CSSA), STEEL FRAMING INDUSTRY ASSOCIATION (SFIA), OR PRE-APPROVED EQUAL, IN ACCORDANCE WITH A CURRENT ICC EVALUATION SERVICE REPORT, AISI S202-20 AND S240-20. ALL 54 MIL AND HEAVIER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 50, CLASS 1, FY= 50 KSI. ALL 43 MIL AND LIGHTER GALVANIZED MEMBERS SHALL BE FORMED FROM STEEL THAT MEETS THE REQUIREMENTS OF ASTM A653, QUALITY SQ, GRADE 33, FY=33 KSI. BRIDGING PER MANUFACTURER'S REQUIREMENTS AND AS SHOWN IN THE STRUCTURAL DRAWINGS SHALL BE IN PLACE PRIOR TO PLACING OF ANY CONSTRUCTION LOADS. ALL RUNS SHALL BE RIGIDLY ANCHORED TO END WALLS.

INTERIOR NON-BEARING WALL, CEILING, SOFFIT, AND OTHER MISC. COLD-FORMED STEEL FRAMING: COLD-FORMED STEEL FRAMING MEMBERS SHALL MEET THE TYPE, SIZE, AND THICKNESS AS INDICATED IN THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS, AND SHALL CONFORM TO THE MINIMUM PERSCRIPTIVE REQUIREMENTS OF THE GYPSUM CONSTRUCTION HANDBOOK BY CGC, INC. FRAMING CONDITIONS THAT EXCEED THE WEIGHT, SPAN OR HEIGHT LIMITATIONS SHALL BE CONSTRUCTED USING APPLICABLE DETAILS ON THE STRUCTURAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF ALL COLD-FORMED FRAMING NOT SPECIFICALLY DETAILED IN THE GYPSUM CONSTRUCTION HANDBOOK OR ON THE STRUCTURAL DRAWINGS. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

COLD-FORMED STEEL FRAMING SUBSTITUTION: AT THE CONTRACTOR'S OPTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, DETAILING, FABRICATION AND ERECTION OF THE INTERIOR NON-BEARING COLD-FORMED STEEL FRAMING, NOT OCCURING AT BRICK VENEER, AND THE CONNECTION OF THE COLD-FORMED STEEL FRAMING TO THE STRUCTURE. THE DESIGN AND DETAILING OF THE COLD-FORMED STEEL FRAMING AND CONNECTION TO THE STRUCTURE SHALL BE PREPARED UNDER THE DIRECTION OF AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT AND SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO CONSTRUCTION.

POWDER ACTUATED FASTENERS: SHALL BE X-U UNIVERSAL KNURLED SHANK FASTENER BY HILTI OR PRE-APPROVED EQUAL. INSTALL PER ALL MANUFACTURER'S PUBLISHED RECOMMENDATIONS. COLD-FORMED STEEL TO STRUCTURAL STEEL: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - FASTENER TIP SHALL PENETRATE STRUCTURAL STEEL. COLD-FORMED STEEL TO CONCRETE: UNLESS NOTED OTHERWISE, PROVIDE 0.157" SHANK DIAMETER X-U LOW-VELOCITY FASTENER - EMBED 1-1/2" MINIMUM INTO CONCRETE, UNLESS NOTED OTHERWISE.

## MISCELLANEOUS:

PRE-APPROVED SUBSTITUTIONS: SUBSTITUTIONS MAY BE ALLOWED ONLY IF THEY MEET THE REQUIREMENTS OF THESE GENERAL NOTES AND THE SPECIFICATIONS, AND IF COMPLETE WRITTEN ENGINEERING DATA FOR EACH CONDITION REQUIRED FOR THIS PROJECT IS PROVIDED TO THE STRUCTURAL ENGINEER TWO WEEKS PRIOR TO BID DATE AND APPROVED IN WRITTEN ADDENDA BY THE ARCHITECT. DATA IS TO INDICATE CODE BASIS BY YEAR, AUTHORITY FOR STRESSES AND STRESS INCREASES, IF ANY, AND AMOUNT OF EXPECTED DEFLECTION FOR FLEXURAL MEMBERS UNDER (1) TOTAL LOAD AND (2) LIVE LOAD ONLY. ALL INCREASED COSTS IN MECHANICAL, SPRINKLER, ELECTRICAL OR GENERAL INSTALLATION AND ANY ARCHITECTURAL OR STRUCTURAL REDESIGN RESULTING FROM SUBSTITUTION SHALL BE BORNE BY THE GENERAL CONTRACTOR.

SHOP DRAWINGS/SUBMITTALS

THE FOLLOWING SHOP DRAWINGS/SUBMITTALS SHALL BE PROVIDED FOR REVIEW AND APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO FABRICATION OR DELIVERY.

| | | STRUCTURAL ENGR. | BLDG. DEPT. |
|---|---|---|---|
| 1. | CONCRETE MIX DESIGNS | X | X |
| 2. | REINFORCING STEEL SHOP DRAWINGS | X | |
| 3. | STRUCTURAL STEEL | X | X |
| 4. | COLD-FORMED STEEL FRAMING | X | X |
| 5. | MISCELLANEOUS STEEL | X | X |
| 6. | CONTRACTOR'S STATEMENT OF RESPONSIBILITY | X | X |

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING LABORATORY PER THE REQUIREMENTS OF IBC CHAPTER 17 AND THE LOCAL BUILDING OFFICIAL OR APPLICABLE JURISDICTION AND THE CONTRACT DOCUMENTS. THE SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS AND A FINAL SIGNED REPORT TO THE BUILDING OFFICIAL FOR THE ITEMS LISTED IN THE QUALITY ASSURANCE/SPECIAL INSPECTION SECTION:


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REED PAUL JACOBSEN — STATE OF WASHINGTON — 46277 — REGISTERED PROFESSIONAL ENGINEER

**MultiCare Good Samaritan Hospital Kitchen**

401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

**PHASE 1 PERMIT SET 24/04/2025**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building — Planning
Engineering — Public Works
Fire — Traffic

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

TITLE

**GENERAL NOTES**

SHEET NUMBER

**S01-02**


4/17/2025 3:05:21 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRUM-MultiCare-Kitchen-R25.rvt

## STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION: SPECIAL INSPECTION SHALL BE PROVIDED PER THE REQUIREMENTS OF IBC SECTION 1704 AND 1705 AND AS NOTED HEREIN.

| STRUCTURAL SYSTEM | VERIFICATION AND INSPECTION | CONTINUOUS | PERIODIC | COMMENTS | REFERENCES |
|---|---|---|---|---|---|
| SOILS | VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY | | X | | IBC 1705.6 |
| | VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL | | X | | |
| | PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS | | X | | |
| | DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL. | X | | | |
| | PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY | | X | | |

| STEEL CONSTRUCTION | INSPECTION TASKS | OBSERVE | PERFORM | COMMENTS | REFERENCES |
|---|---|---|---|---|---|
| | **PRIOR TO WELDING:** | | | SPECIAL INSPECTIONS IN THIS SECTION **MAY BE** WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A WABO CERTIFIED FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5 **AND WITH THE APPROVAL OF THE BUILDING OFFICIAL.** | AISC 360, TABLE N5.4-1<br>AISC 341, TABLE J6.1 |
| | WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS | X | | | |
| | WELDING PROCEDURE SPECIFICATIONS | | X | | |
| | MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE | | X | | |
| | MATERIAL IDENTIFICATION (TYPE/GRADE) | X | | | |
| | WELDER IDENTIFICATION SYSTEM | X | | | |
| | FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)<br>• JOINT PREPARATIONS<br>• DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>• CLEANLINESS (CONDITION OF STEEL SURFACES)<br>• TACKING (TACK WELD QUALITY AND LOCATION)<br>• BACKING TYPE AND FIT (IF APPLICABLE) | X | | | |
| | FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K—JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)<br>• JOINT PREPARATIONS<br>• DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>• CLEANLINESS (CONDITION OF STEEL SURFACES)<br>• TACKING (TACK WELD QUALITY AND LOCATION) | X | | | |
| | CONFIGURATION AND FINISH OF ACCESS HOLES | X | | | |
| | FIT-UP OF FILLET WELDS<br>• DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>• CLEANLINESS (CONDITION OF STEEL SURFACES)<br>• TACKING (TACK WELD QUALITY AND LOCATION) | X | | | |
| | **DURING WELDING:** | | | | AISC 360, TABLE N5.4-2<br>AISC 341, TABLE J6.2 |
| | CONTROL AND HANDLING OF WELDING CONSUMABLES<br>• PACKAGING<br>• EXPOSURE CONTROL | X | | | |
| | NO WELDING OVER CRACKED TACK WELDS | X | | | |
| | ENVIRONMENTAL CONDITIONS<br>• WIND SPEED WITHIN LIMITS<br>• PRECIPITATION AND TEMPERATURE | X | | | |
| | WELDING PROCEDURE SPECIFICATIONS FOLLOWED<br>• SETTINGS ON WELDING EQUIPMENT<br>• TRAVEL SPEED<br>• SELECTED WELDING MATERIALS<br>• SHIELDING GAS TYPE/FLOW RATE<br>• PREHEAT APPLIED<br>• INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)<br>• PROPER POSITION (F, V, H, OH)<br>• INTERMIX OF FILLER METALS AVOIDED UNLESS APPROVED (LATERAL CONNECTIONS ONLY) | X | | | |
| | WELDING TECHNIQUES<br>• INTERPASS AND FINAL CLEANING<br>• EACH PASS WITHIN PROFILE LIMITATIONS<br>• EACH PASS MEETS QUALITY REQUIREMENTS | X | | | |
| | USE OF QUALIFIED WELDERS (FOR LATERAL CONNECTIONS) | X | | | |
| | PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS | | X | | |
| | **AFTER WELDING:** | | | | AISC 360, TABLE N5.4-3<br>AISC 341, TABLE J6.3 |
| | WELDS CLEANED | X | | | |
| | SIZE, LENGTH, AND LOCATION OF WELDS | | X | | |
| | WELDS MEET VISUAL ACCEPTANCE CRITERIA<br>• CRACK PROHIBITION<br>• WELD/BASE-METAL FUSION<br>• CRATER CROSS SECTION<br>• WELD PROFILES<br>• WELD SIZE<br>• UNDERCUT<br>• POROSITY | | X | | |
| | ARC STRIKES | | X | | |
| | k-AREA | | X | | |
| | WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES | | X | | |

| STEEL CONSTRUCTION (CONTINUED) | INSPECTION TASKS | OBSERVE | PERFORM | COMMENTS | REFERENCES |
|---|---|---|---|---|---|
| | BACKING REMOVED AND WELD TABLES REMOVED (IF REQUIRED) | | X | | |
| | REPAIR ACTIVITIES | | X | | |
| | DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER | | X | | |
| | NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT APPROVAL OF THE STRUCTURAL ENGINEER | X | | | |
| | PLACEMENT OF REINFORCING OR CONTOURING FILLET WELDS AS REQUIRED (LATERAL CONNECTIONS ONLY) | | X | | |
| | **PRIOR TO BOLTING:** | | | | AISC 360, TABLE N5.6-1<br>AISC 641, TABLE J7.1 |
| | MANUFACTURER'S CERTIFICATIONS FOR FASTENER MATERIALS | X | | | |
| | PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL | X | | | |
| | CONNECTING ELEMENTS INCLUDING FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS | X | | | |
| | PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED FOR FASTENER ASSEMBLIES AND METHODS USED | X | | | |
| | PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS | X | | | |
| | **DURING BOLTING:** | | | | AISC 360, TABLE N5.6-2<br>AISC 341, TABLE J7.2 |
| | FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED | X | | | |
| | JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION | X | | | |
| | FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING | X | | | |
| | FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC *SPECIFICATION*, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES | X | | | |
| | **AFTER BOLTING:** | | | | AISC 360, TABLE N5.6-3<br>AISC 341, TABLE J7.3 |
| | DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS | | X | | |
| | **OTHER INSPECTION TASKS:** | | | | |
| | PLACEMENT OF ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS | | X | | AISC 360 SECTION N5.8 |
| | FABRICATED STEEL OR ERECTED STEEL FRAME, AS APPLICABLE, TO VERIFY COMPLIANCE WITH THE DETAILS SHOWN ON THE CONSTRUCTION DOCUMENTS | | X | | |
| | REDUCED BEAM SECTION REQUIREMENTS, IF APPLICABLE<br>• CONTOUR AND FINISH<br>• DIMENSIONAL TOLERANCE | | X | | AISC 341 TABLE J8.1 |
| | PROTECTED ZONE – NO HOLES AND UNAPPROVED ATTACHMENTS MADE BY FABRICATOR OR ERECTOR, AS APPLICABLE | | X | | |
| | **NONDESTRUCTIVE TESTING OF WELDED JOINTS:** | | | SPECIAL INSPECTIONS IN THIS SECTION **MAY BE** WAIVED WHERE FABRICATION IS PERFORMED ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED IN ACCORDANCE WITH IBC SECTION 1704.2.5 **AND WITH THE APPROVAL OF THE BUILDING OFFICIAL.** SEE AISC 360 SECTION N5 FOR ULTRASONIC TESTING RATE | AISC 360 SECTION N5 |
| | FOR RISK CATEGORY III AND IV STRUCTURES ALL COMPLETE-JOINT-PENETRATION WELDS, T- AND CORNER JOINTS, IN MATERIAL 5/16" OR GREATER | | X | | |
| | FOR RISK CATEGORY II STRUCTURES 10% OF ALL COMPLETE-JOINT-PENETRATION WELDS, T- AND CORNER JOINTS, IN MATERIAL 5/16" OR GREATER | | X | | |
| | **COMPOSITE STRUCTURES PRIOR TO CONCRETE PLACEMENT:** | | | | AISC 341 TABLE J9.1 |
| | MATERIAL IDENTIFICATION OF REINFORCEMENT STEEL (TYPE/GRADE) | X | | | |
| | DETERMINATION OF CARBON EQUIVALENT FOR REINFORCING STEEL OTHER THAN ASTM A706/A706M | X | | | |
| | PROPER REINFORCING STEEL SIZE, SPACING AND ORIENTATION | X | | | |
| | REINFORCING STEEL HAS NOT BEEN REBENT IN THE FIELD | X | | | |
| | REINFORCING STEEL HAS BEEN TIED AND SUPPORTED AS REQUIRED | X | | | |
| | REQUIRED REINFORCING STEEL CLEARANCES HAVE BEEN PROVIDED | X | | | |
| | COMPOSITE MEMBER HAS REQUIRED SIZE | X | | | |
| | **COMPOSITE STRUCTURES DURING CONCRETE PLACEMENT:** | | | | AISC 341 TABLE J9.2 |
| | CONCRETE: MATERIAL IDENTIFICATION (MIX DESIGN, COMPRESSIVE STRENGTH, MAXIMUM LARGE AGGREGATE SIZE, MAXIMUM SLUMP) | X | | | |
| | LIMITS ON WATER ADDED AT THE TRUCK OR PUMP | X | | | |
| | PROPER PLACEMENT TECHNIQUES TO LIMIT SEGREGATION | X | | | |
| | **COMPOSITE STRUCTURES AFTER CONCRETE PLACEMENT:** | | | | AISC 341 TABLE J9.3 |
| | ACHIEVEMENT OF MINIMUM SPECIFIED CONCRETE COMPRESSIVE STRENGTH AT SPECIFIED AGE | | X | | |
| | **H-PILES:** | | | | AISC 341 TABLE J10.1 |
| | PROTECTED ZONE – NO HOLES AND UNAPPROVED ATTACHMENTS MADE by THE RESPONSIBLE CONTRACTOR, AS APPLICABLE | | X | | |

| STRUCTURAL SYSTEM | VERIFICATION AND INSPECTION | CONTINUOUS | PERIODIC | COMMENTS | REFERENCES |
|---|---|---|---|---|---|
| STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL | MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK:<br>A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS<br>B. MANUFACTURER'S CERTIFIED TEST REPORTS | | X<br>X | | APPLICABLE ASTM MATERIAL STANDARDS & IBC 2210.1.1 |
| | INSPECTION OF WELDING<br>A. COLD-FORM STEEL DECK WELDS<br>B. OPEN WEB STEEL JOISTS & JOIST GIRDERS<br>1. END CONNECTIONS - WELDING OR BOLTED<br>2. BRIDGING - HORIZONTAL OR DIAGONAL<br>a. STANDARD BRIDGING<br>b. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1 | X | X<br>X<br>X<br>X | | AWS D1.3<br>AWS D1.4<br>IBC 1705.2.3<br>SJI SPECIFICATIONS LISTED IN SECTION 2207.1<br>SJI SPECIFICATIONS LISTED IN SECTION 2207.1 |


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MultiCare Good Samaritan Hospital

**MULTICARE**

PHASE 1 CORRECTIONS 07.11.2025

**KEY PLAN**

**ISSUE CHART**

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|
| 1 | PHASE 1 PERMIT REVIEW COMMENTS | 07.11.2025 |

**Job Number** 24127

**TITLE**

**GENERAL NOTES**

**SHEET NUMBER**

**S01-03**


7/10/2025 7:40:27 AM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt

| STRUCTURAL SYSTEM | VERIFICATION AND INSPECTION | CONTINUOUS | PERIODIC | COMMENTS | REFERENCES |
|---|---|---|---|---|---|
| CONCRETE | INSPECT REINFORCEMENT, INCLUDING PRE-STRESSING TENDONS, AND VERIFY PLACEMENT | | X | SPECIAL INSPECTIONS NOT REQUIRED FOR THE FOLLOWING CONDITIONS: | ACI 318: CH 20, 25.2, 25.3, 26.6-1 TO 26.6-3, IBC 1908 |
| | ANCHORS CAST IN CONCRETE-PRIOR TO AND DURING PLACEMENT OF CONCRETE | | X | NON-STRUCTURAL SLAB ON GRADE | ACI 318: 26.7<br>AISC 360 SECTION N7 |
| | VERIFY USE OF REQUIRED DESIGN MIX | | X | CONCRETE FOUNDATION WALLS WITH F'c ≤ 2500 PSI | ACI 318, CH 19 |
| | PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE | X | | ISOLATED SPREAD FOOTINGS FOR BUILDINGS THREE-STORIES AND LESS ABOVE GRADE PLANE | ASTM C172, C31<br>ACI 318: 26.4, 26.12 |
| | CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION | X | | CONTINUOUS FOOTINGS SUPPORTING WALLS OF THREE-STORIES AND LESS ABOVE GRADE PLANE WHERE WALLS ARE LIGHT-FRAME CONSTRUCTION AND STRUCTURAL DESIGN IS BASED ON F'c ≤ 2500 PSI | ACI 318: 26.5 |
| | MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES | | X | | ACI 318: 26.5.3 TO 26.5.5 |
| | ANCHORS POST-INSTALLED IN HARDENED CONCRETE (MECHANICAL ANCHORS INSTALLED IN ANY DIRECTION AND ADHESIVE ANCHORS INSTALLED DOWNWARD) | | X | PERIODIC INSPECTION TO INCLUDE A QUANTITY OF 10% WITH A MINIMUM OF (5) ANCHORS INSPECTED PER INSTALLER ON A DAILY BASIS. | ACI 318: 26.7<br>MFR EVAL REPORT<br>MFR PUBLISHED INSTALLATION INSTRUCTIONS |
| | ANCHORS POST-INSTALLED IN HARDENED CONCRETE (ADHESIVE ANCHORS INSTALLED HORIZONTAL OR UPWARDLY INCLINED) | X | | | ACI 318: 26.7<br>MFR EVAL REPORT<br>MFR PUBLISHED INSTALLATION INSTRUCTIONS |
| | INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED | | X | | ACI 318: 26.11.1.2(b) |
| | MATERIAL VERIFICATION OF REINFORCEMENT STEEL FOR ASTM A615 REINFORCING | | X | MANUFACTURER SHALL PROVIDE MILL TEST REPORTS. CONTINUOUS INSPECTION FOR ALL WELDS GREATER THAN 5/16" FILLET. PERIODIC INSPECTION FOR FILLET WELD 5/16" AND SMALLER | ACI 318: 26.6.4<br>AWS D1.4<br>IBC 1705.3.1 |
| | TESTING OF MATERIALS | | X | | IBC 1705.3.2 |
| | INSPECTION OF WELDING FOR REINFORCING STEEL<br><br>A. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706<br>B. REINFORCING STEEL IN MOMENT FRAMES AND BOUNDARY ELEMENTS<br>C. SHEAR REINFORCEMENT<br>D. OTHER REINFORCING STEEL | <br><br><br>X<br><br>X<br>X | X | | AWS D1.3<br>AWS D1.4<br>ACI 318 SECTION 26.6.4 |
| SUSPENDED CEILINGS | ANCHORAGE AND SEISMIC BRACING | | X | | |
| STORAGE RACKS | MATERIALS USED, TO VERIFY COMPLIANCE WITH ONE OR MORE OF THE MATERIAL TEST REPORTS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS | | X | SPECIAL INSPECTION NOT REQUIRED FOR STORAGE RACKS < 8 FT. HIGH | IBC 1705.13.7 |
| | FABRICATED STORAGE RACK ELEMENTS | | X | | IBC 1704.2.5 |
| | STORAGE RACK ANCHORAGE INSTALLATION | | X | | ANSI/MH16.1, SECTION 7.3.2 |
| | COMPLETED STORAGE RACK SYSTEM, TO INDICATE COMPLIANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS | | X | | |
| MECHANICAL AND ELECTRICAL SYSTEMS | MINIMUM CLEARANCE TO SPRINKLER PIPING OF 3" | | X | | IBC 1705.13.6 |
| | TESTING FOR SMOKE CONTROL | | X | | IBC 1705.19 |
| FIRE-RESISTANT MATERIALS | SPRAYED FIRE-RESISTANT MATERIALS | | X | | IBC 1705.15 |
| | MASTIC AND INTUMESCENT COATINGS | | X | | IBC 1705.16 |
| | FIRE RESISTANT PENETRATIONS AND JOINTS | | X | | IBC 1705.18 |

1

TESTING AND SPECIAL INSPECTION REPORTS SHALL BE PREPARED FOR EACH INSPECTION ITEM ON A DAILY BASIS WHENEVER WORK IS PERFORMED ON THAT ITEM. REPORTS SHALL BE DISTRIBUTED TO OWNER, CONTRACTOR, BUILDING OFFICIAL, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD.

STRUCTURAL OBSERVATIONS SHALL BE PERFORMED BY THE STRUCTURAL ENGINEER OF RECORD OR DESIGNATED REPRESENTATIVE IN ACCORDANCE WITH IBC 1704.6. STRUCTURAL OBSERVATION SHALL BE PERFORMED AS FOLLOWS:

- PERIODIC VISUAL OBSERVATION OF STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS AT SIGNIFICANT CONSTRUCTION STAGES.
- REVIEW OF TESTING AND INSPECTION REPORTS.
- REPORTS SHALL BE PREPARED FOR EACH SITE VISIT AND SHALL BE DISTRIBUTED TO ARCHITECT.

GENERAL CONTRACTOR SHALL SUBMIT A WRITTEN CONTRACTOR'S STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND OWNER PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL INCLUDE ACKNOWLEDGMENT OF AWARENESS OF THE SPECIAL INSPECTION REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.

Contractor please see IBC Chapter 17 for details of the statement of responsibility.

| ABBREVIATION LIST | | | |
|---|---|---|---|
| @ | AT | HDR | HEADER |
| A.B. | ANCHOR BOLT | HGR | HANGER |
| ADD'L | ADDITIONAL | HORIZ. | HORIZONTAL |
| A.F.F. | ABOVE FINISH FLOOR | HSS | HOLLOW STRUCTURAL SECTION |
| ALT. | ALTERNATE | HT | HEIGHT |
| ARCH. | ARCHITECTURAL | INT. | INTERIOR |
| BLD'G | BUILDING | JST | JOIST |
| BLK'G | BLOCKING | JT | JOINT |
| BM | BEAM | L | ANGLE |
| B.O.F. | BOTTOM OF FOOTING | L.F.R.S. | LATERAL FORCE-RESISTING SYSTEM |
| BOT. | BOTTOM | L.L. | LIVE LOAD |
| BRB | BUCKLING RESTRAINED BRACE | LLH | LONG LEG HORIZONTAL |
| BRG | BEARING | LLV | LONG LEG VERTICAL |
| BTWN | BETWEEN | LOC. | LOCATION |
| B.U. | BUILT UP | LSL | LAMINATED STRAND LUMBER |
| (C= ) | CAMBER | LVL | LAMINATED VENEER LUMBER |
| CANT. | CANTILEVER | MAX. | MAXIMUM |
| CFS | COLD-FORMED STEEL | M.B. | MACHINE BOLT |
| C.J. | CONTROL/CONSTRUCTION JOINT | MECH. | MECHANICAL |
| ℄ | CENTERLINE | MEZZ. | MEZZANINE |
| CLR. | CLEARANCE | MFR | MANUFACTURER |
| CLT | CROSS-LAMINATED TIMBER | MIN. | MINIMUM |
| CMU | CONCRETE MASONRY UNIT | MISC. | MISCELLANEOUS |
| COL. | COLUMN | MTL | METAL |
| CONC. | CONCRETE | MT SCREW | MASS TIMBER SCREW |
| CONN. | CONNECTION | N.F. | NEAR FACE |
| CONST. | CONSTRUCTION | N.S. | NEAR SIDE |
| CONT. | CONTINUOUS | NTS | NOT TO SCALE |
| CONTR. | CONTRACTOR | O.C. | ON CENTER |
| COORD. | COORDINATE | OPN'G | OPENING |
| C.P. | COMPLETE PENETRATION | OPP. | OPPOSITE |
| CTR'D | CENTERED | P.A.F. | POWDER ACTUATED FASTENER |
| C.Y. | CUBIC YARD | PERP. | PERPENDICULAR |
| DBL. | DOUBLE | PL | PLATE |
| DCW | DEMAND CRITICAL WELD | P.P. | PARTIAL PENETRATION |
| D.F. | DOUGLAS FIR | P.P.T. | PRESERVATIVE PRESSURE TREATED |
| DIA. OR ⌀ | DIAMETER | P.S.F. | POUNDS PER SQUARE FOOT |
| DIAG. | DIAGONAL | PSL | PARALLAM |
| DIM. | DIMENSION | P.T. | POST TENSION |
| D.L. | DEAD LOAD | PWL | PLYWOOD |
| DLT | DOWEL-LAMINATED TIMBER | REINF. | REINFORCEMENT |
| DWG | DRAWING | REQ'D | REQUIRED |
| DWL | DOWEL | SCHED. | SCHEDULE |
| (E) | EXISTING | SCL | STRUCTURAL COMPOSITE LUMBER |
| EA. | EACH | SHT'G | SHEATHING |
| E.F. | EACH FACE | SIM. | SIMILAR |
| EL. | ELEVATION | S.O.G. | SLAB ON GRADE |
| ELEV. | ELEVATOR | SQ. | SQUARE |
| ENGR | ENGINEER | STD | STANDARD |
| EQ. | EQUAL | STIFF. | STIFFENER |
| E.W. | EACH WAY | STL | STEEL |
| EXP. | EXPANSION | STRUCT. | STRUCTURAL |
| EXT. | EXTERIOR | T&B | TOP & BOTTOM |
| FDN | FOUNDATION | T&G | TONGUE AND GROOVE |
| F.F. | FAR FACE | THR'D | THREADED |
| FLR | FLOOR | T.O.F. | TOP OF FOOTING |
| F.O.M. | FACE OF MASONRY | T.O.S. | TOP OF STEEL |
| F.O.S. | FACE OF STUD | TRT'D | TREATED |
| FRMG | FRAMING | TYP. | TYPICAL |
| F.R.T. | FIRE RETARDANT TREATED | U.N.O. | UNLESS NOTED OTHERWISE |
| F.S. | FAR SIDE | U.T. | ULTRASONIC TESTED |
| FTG | FOOTING | VERT. | VERTICAL |
| GA. | GAGE/GAUGE | W | WITH |
| GALV. | GALVANIZED | WP. | WORK POINT |
| GL. | GLULAM | WT | WEIGHT |
| GR. | GRADE | W.W.R. | WELDED WIRE REINFORCING |
| GWB | GYPSUM WALL BOARD | | |


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MultiCare Good Samaritan Hospital

**MULTICARE**

**PHASE 1 CORRECTIONS 07.11.2025**

**KEY PLAN**

**ISSUE CHART**

| MARK | ISSUE | DATE |
|---|---|---|
| 1 | PHASE 1 PERMIT REVIEW COMMENTS | 07.11.2025 |

**Job Number** 24127

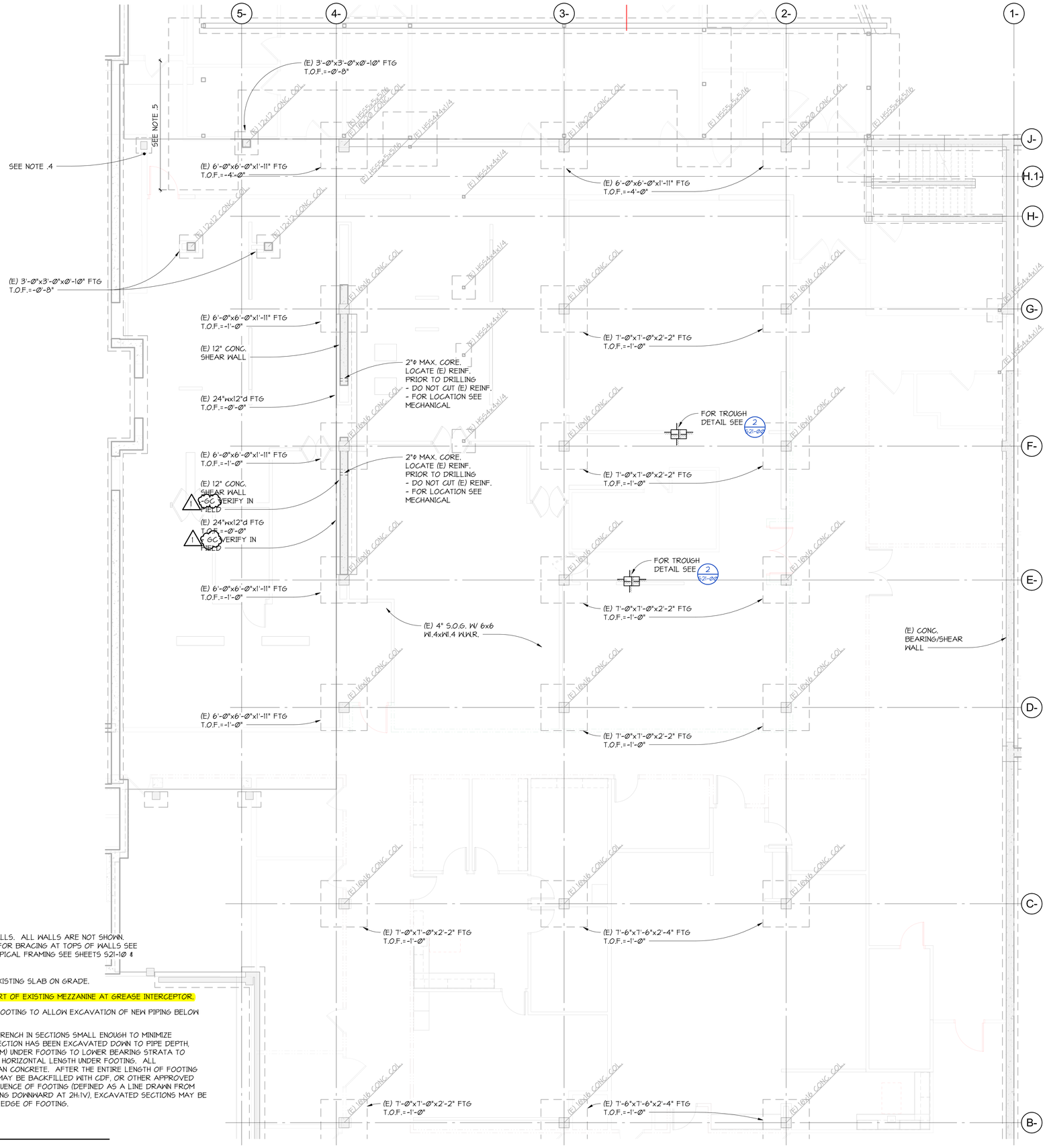
**TITLE**

**GENERAL NOTES**

**SHEET NUMBER**

**S01-04**


7/10/2025 7:40:30 AM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt




FOUNDATION AND GRADE LEVEL FRAMING PLAN NOTES:

1. INDICATES NON-STRUCTURAL STUD WALLS. ALL WALLS ARE NOT SHOWN. FOR LOCATION SEE ARCHITECTURAL FOR BRACING AT TOPS OF WALLS SEE SHEET S21.12. FOR SCHEDULE AND TYPICAL FRAMING SEE SHEETS S21-10 & S21-11.
2. SEE DETAIL 1/S21-00 FOR CUTTING AND PATCHING EXISTING SLAB ON GRADE.
3. SEE DETAILS 1/S21-03 AND 2/S21-03 FOR RE-SUPPORT OF EXISTING MEZZANINE AT GREASE INTERCEPTOR.
4. PROVIDE SHORING SUCH AS PIN PILES AT EXISTING FOOTING TO ALLOW EXCAVATION OF NEW PIPING BELOW EXISTING FOOTING.
5. UNDERPIN EDGE OF EXISTING FOOTING. EXCAVATE TRENCH IN SECTIONS SMALL ENOUGH TO MINIMIZE UNDERMINING OF EXISTING FOOTING. AFTER EACH SECTION HAS BEEN EXCAVATED DOWN TO PIPE DEPTH, FORM AND PLACE CONCRETE (f'c. = 3,000 psi MINIMUM) UNDER FOOTING TO LOWER BEARING STRATA TO BOTTOM OF TRENCH. UNDERPINNING SHALL HAVE 12" HORIZONTAL LENGTH UNDER FOOTING. ALL OVEREXCAVATED AREAS SHALL BE FILLED WITH LEAN CONCRETE. AFTER THE ENTIRE LENGTH OF FOOTING HAS BEEN UNDERPINNED AS NOTED ABOVE, TRENCH MAY BE BACKFILLED WITH CDF, OR OTHER APPROVED BACKFILL MATERIAL. IF PIPE IS ABOVE LINE OF INFLUENCE OF FOOTING (DEFINED AS A LINE DRAWN FROM THE BOTTOM CORNER OF THE FOOTING AND EXTENDING DOWNWARD AT 2H:1V), EXCAVATED SECTIONS MAY BE FILLED WITH CDF AND NEED NOT BE FORMED UNDER EDGE OF FOOTING.

1 / S11-01 FRAMING PLAN - LEVEL 01
3/16" = 1'-0"


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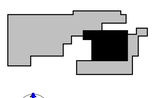
PHASE 1 CORRECTIONS 07.11.2025

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KEY PLAN



ISSUE CHART

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| Engineering | Public Works |
| Fire | Traffic |

| MARK | ISSUE | DATE |
|---|---|---|
| 1 | PHASE 1 PERMIT REVIEW COMMENTS | 07.11.2025 |

Job Number 24127

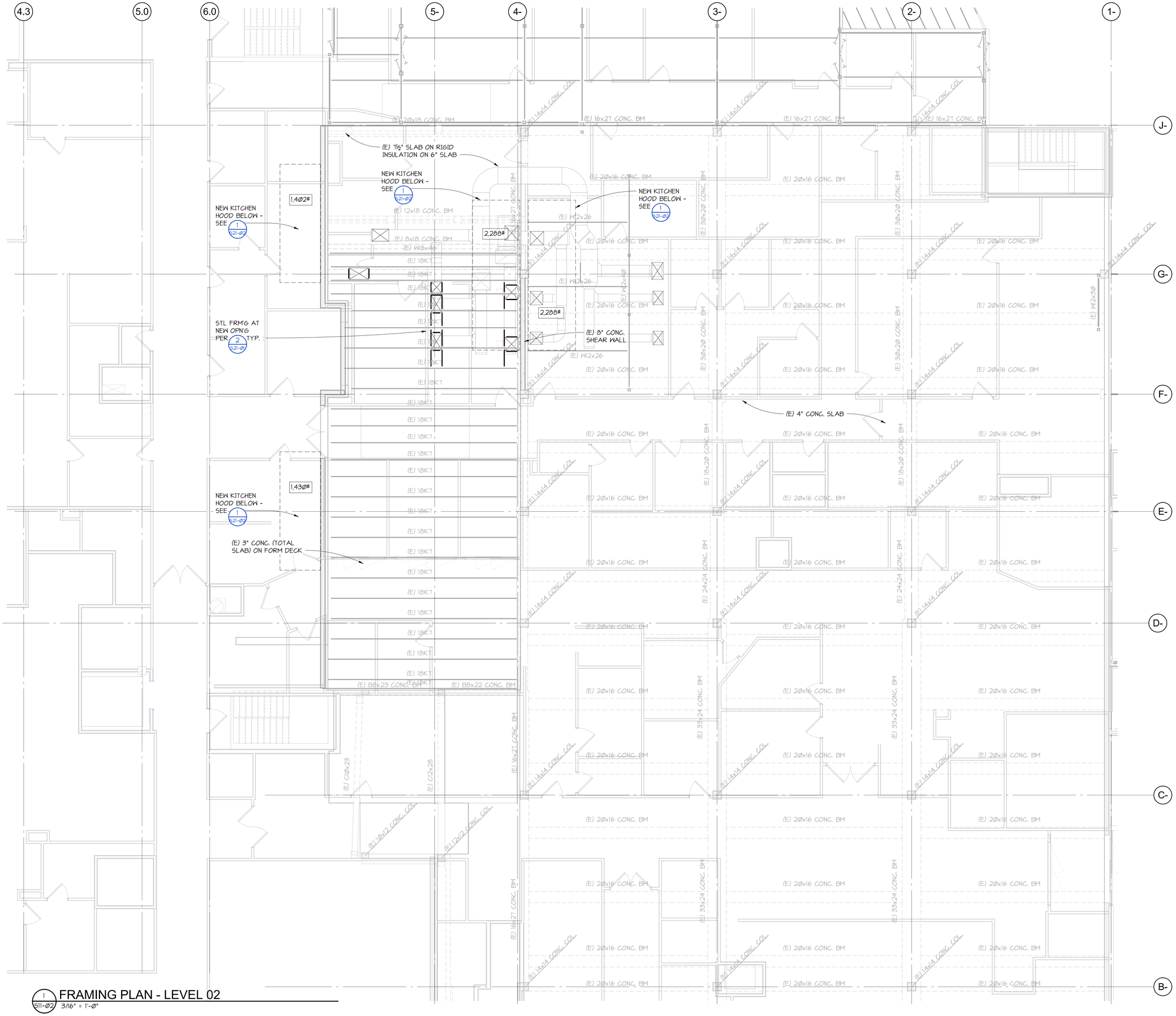
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**FRAMING PLAN - LEVEL 01 - PHASE 1**

SHEET NUMBER

**S11-01**


7/10/2025 7:40:33 AM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt




1 FRAMING PLAN - LEVEL 02
S11-02 3/16" = 1'-0"


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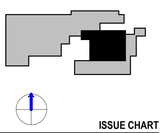
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PHASE 1 PERMIT SET 24/04/2025

KEY PLAN



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| Building | Planning |
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**FRAMING PLAN - LEVEL 02**

SHEET NUMBER

**S11-02**


4/17/2025 3:05:32 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRUMultiCare-Kitchen-R25.rvt




1 S11-03 FRAMING PLAN - LEVEL 03
3/16" = 1'-0"


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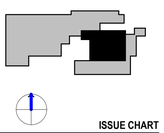
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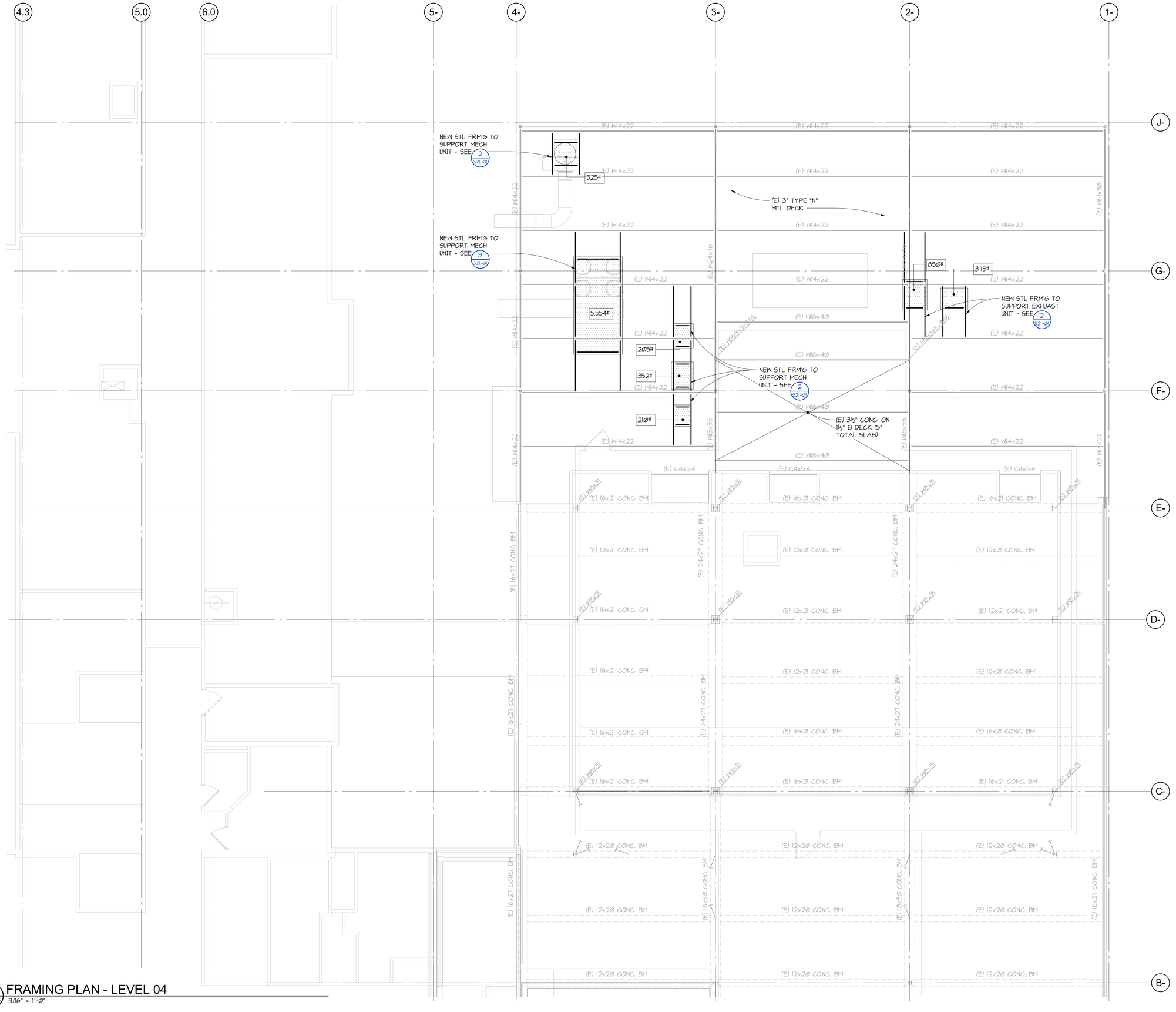
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FRAMING PLAN - LEVEL 03

SHEET NUMBER

S11-03


4/17/2025 3:05:35 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRUMultiCare-Kitchen-R25.rvt




1 S11-Ø4 FRAMING PLAN - LEVEL 04
3/16" = 1'-Ø"


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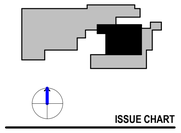
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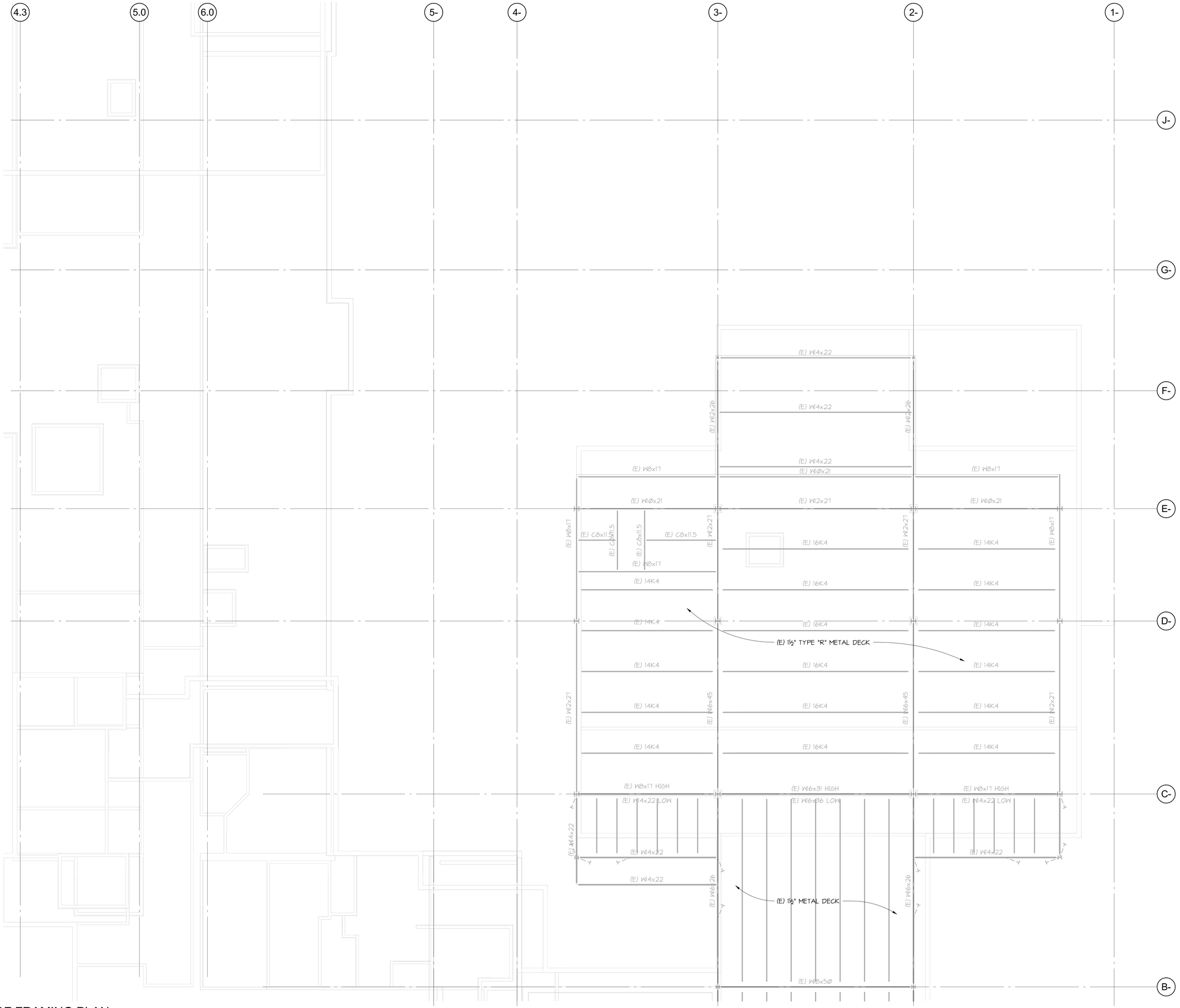
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**FRAMING PLAN - LEVEL 04**

SHEET NUMBER

**S11-04**


4/17/2025 3:05:38 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt




1 S11-05 ROOF FRAMING PLAN
3/16" = 1'-0"


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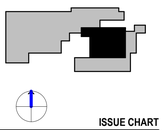
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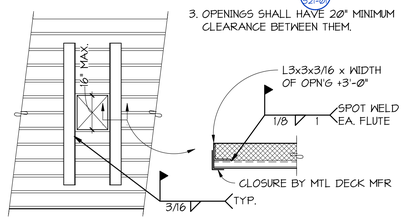
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**FRAMING PLAN - LEVEL 05**

SHEET NUMBER

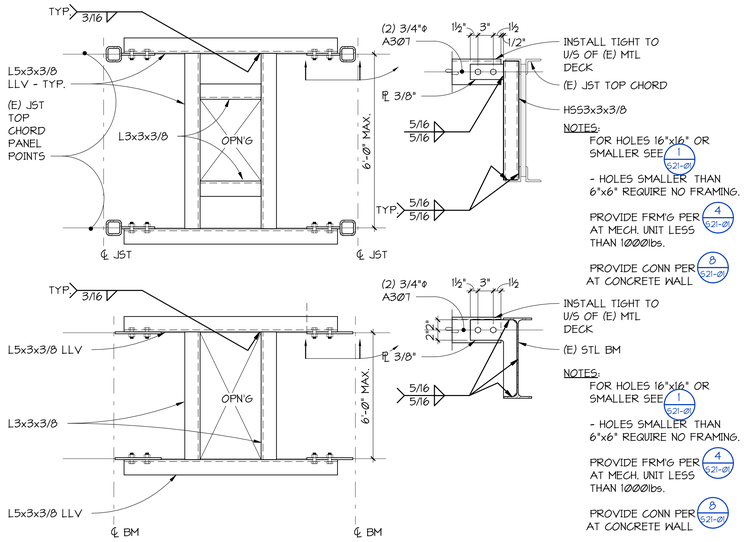
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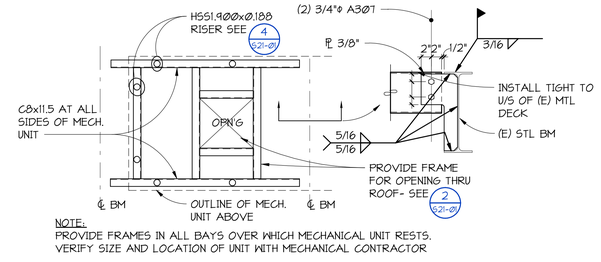

TYPICAL AT ISOLATED OPENINGS IN NON-COMPOSITE METAL DECK LESS THAN 16 INCH SQUARE

1 S21-01 **DETAIL**
NO SCALE



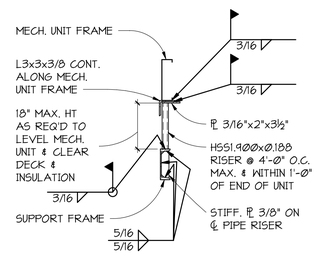

TYPICAL FRAMING AT OPENINGS IN METAL ROOF DECK (MAXIMUM LOAD = 1000 POUNDS)

2 S21-01 **DETAIL**
NO SCALE




TYPICAL MECHANICAL UNIT SUPPORT FRAME (MAX. WT = 6000#)

3 S21-01 **DETAIL**
NO SCALE




RISER SUPPORT FOR MECHANICAL UNIT FRAME

4 S21-01 **DETAIL**
NO SCALE




① HANG WITHIN 3" OF ANY UPPER PANEL POINT FOR "K" SERIES JOIST, 6" FOR "LH" SERIES.
② HANG WITHIN 3" OF ANY LOWER PANEL POINT FOR "K" SERIES JOIST, 6" FOR "LH" SERIES.
③ TRAPEZE BETWEEN ANY PANEL POINTS.
④ REINFORCE TOP CHORD AS REQUIRED BY JOIST MANUFACTURER.
⑤ REINFORCE BETWEEN LOAD LOCATION AND LOWER CHORD PANEL POINT AS REQUIRED BY JOIST MANUFACTURER.

NOTES:
1. SINGLE LOADS LESS THAN 100# MAY BE ADDED ANYWHERE ALONG THE UPPER CHORD (NOT JUST AT PANEL POINTS) WITHOUT ADDING AN ANGLE TO STIFFEN THE JOIST.
2. DO NOT CUT OR DRILL THROUGH ANY JOIST MEMBER.
3. THIS DETAIL IS APPLICABLE TO HANGING MECHANICAL EQUIPMENT, SPRINKLER PIPES, ETC.

ALLOWABLE METHODS AND LOCATIONS FOR HANGING LOADS FROM STEEL JOIST

5 S21-01 **DETAIL**
NO SCALE




TYPICAL BRIDGING INTERRUPTED BY DUCT OR UNIT

6 S21-01 **DETAIL**
NO SCALE




7 S21-01 **SECTION**
1" = 1'-0"




8 S21-01 **SECTION**
1" = 1'-0"


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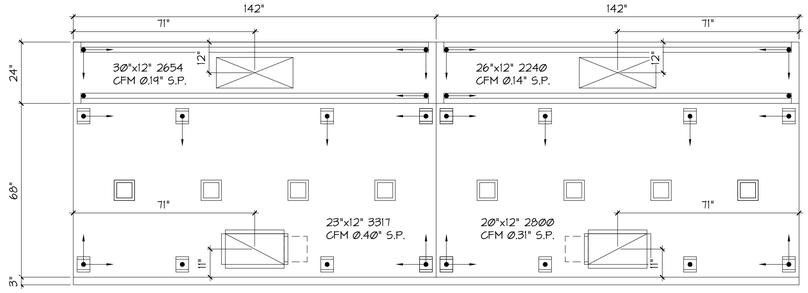
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**STEEL DETAILS**

SHEET NUMBER

**S21-01**

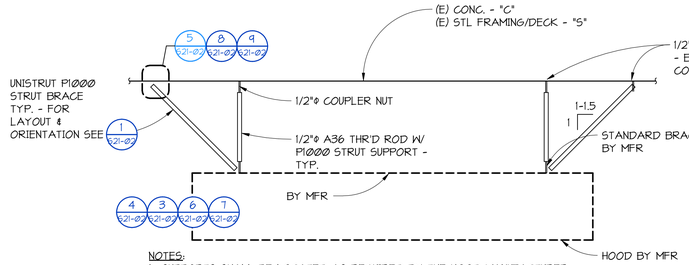

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FRAMING NOTES:

1. ●—— INDICATES 1/2" DIAMETER ALL THREAD ROD WITH P1000 STRUT SUPPORT AND P1000 BRACE UP TO STRUCTURE. ARROW END OF BRACE INDICATES THE END WHICH CONNECTS TO STRUCTURE. SEE DETAIL 2/S21-02 FOR TYPICAL CONNECTION INFORMATION.
2. ● INDICATES 1/2" DIAMETER ALL THREAD ROD WITH P1000 STRUT SUPPORT. SEE DETAIL 2/S21-02 FOR TYPICAL CONNECTION INFORMATION.

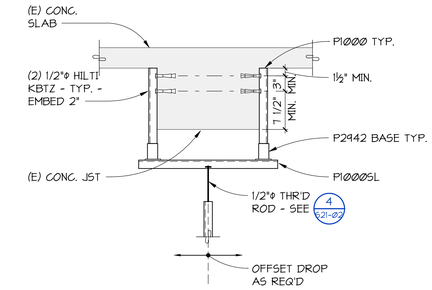
1 / S21-02 **PLAN**
1/2" = 1'-0"




NOTES:
1. SUPPORTS SHALL BE LOCATED AS REQUIRED BY THE HOOD MANUFACTURER. SUPPORT AND BRACING DETAILS VARY BASED ON LOCATIONS.
2. EACH HOOD SHALL HAVE BRACES WITH OPPOSING ORIENTATION AS SHOWN ON 1/21-01.
3. PROVIDE 1/2"ø BOLTS AND CHANNEL NUTS AT ALL STRUT CONNECTIONS UNLESS NOTED OTHERWISE. PROVIDE ADDITIONAL HARDWARE AT CONNECTIONS AS REQUIRED BY MANUFACTURER. INSTALL PER PUBLISHED RECOMENDATIONS.
4. ALL PXXXX STRUTS AND STRUT HARDWARE BY UNISTRUT OR PRE-APPROVED EQUAL.

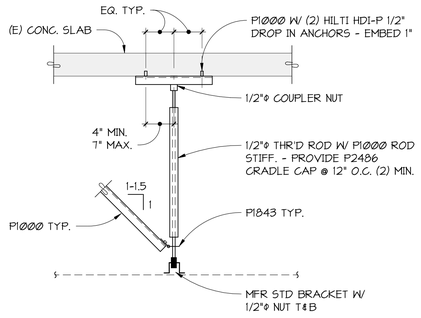
LIFT SUPPORT AT EXISTING FRAMING

2 / S21-02 **SECTION**
NO SCALE



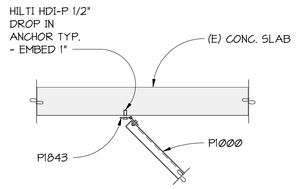

ALTERNATE DROP DETAIL AT CONCRETE JOIST AS REQUIRED

3 / S21-02 **SECTION**
NO SCALE



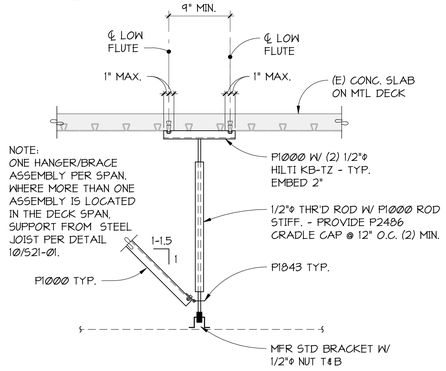

TYPICAL SUPPORT AT SLAB

4 / S21-02 **DETAIL**
NO SCALE



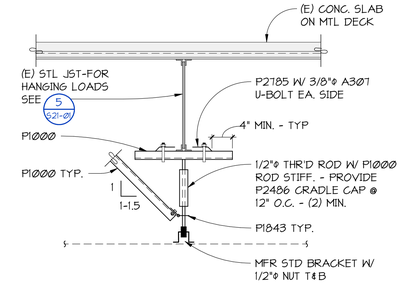

TYPICAL BRACE AT SLAB

5 / S21-02 **DETAIL**
NO SCALE



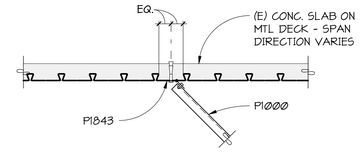

TYPICAL SUPPORT AT SLAB ON METAL DECK

6 / S21-02 **DETAIL**
NO SCALE



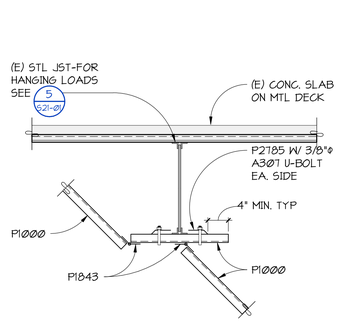

TYPICAL SUPPORT AT STEEL BEAM

7 / S21-02 **DETAIL**
NO SCALE



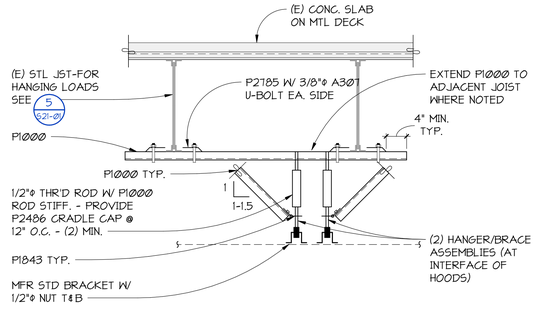

TYPICAL BRACE AT SLAB ON METAL DECK

8 / S21-02 **DETAIL**
NO SCALE




TYPICAL BRACE AT BOTTOM OF STEEL BEAM

9 / S21-02 **DETAIL**
NO SCALE




TYPICAL BRACE AT WEB OF STEEL BEAM

10 / S21-02 **DETAIL**
NO SCALE


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STATE OF WASHINGTON
ROBERT PAUL LADOUCEUR
48275
REGISTERED PROFESSIONAL ENGINEER

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

PHASE 1 PERMIT SET 24/04/2025

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

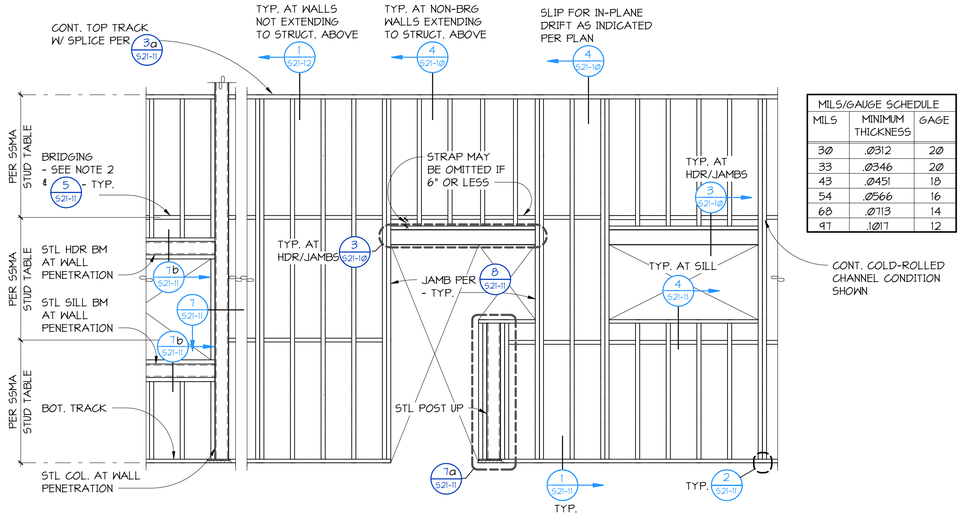
TITLE

**STEEL DETAILS**

SHEET NUMBER

**S21-02**

4/17/2025 3:05:16 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt




| MILS/GAUGE SCHEDULE | | |
|---|---|---|
| MILS | MINIMUM THICKNESS | GAGE |
| 30 | .0312 | 20 |
| 33 | .0346 | 20 |
| 43 | .0451 | 18 |
| 54 | .0566 | 16 |
| 68 | .0713 | 14 |
| 97 | .1017 | 12 |

COLD FORMED STEEL STUD WALL FRAMING NOTES:

1. ALL NON-BEARING WALL STUDS SHALL BE PER 2/S21-10 UNLESS NOTED OTHERWISE. FOR WALL TYPE AND PROPER LOCATION SEE ARCHITECTURAL DRAWINGS.
2. PROVIDE BRIDGING AT ALL NON-BEARING WALLS WITHOUT FULL HEIGHT QUALIFIED SHEATHING EITHER SIDE OF STUD PER 5/SLGM3 NOTE #1.
3. FOR TYPICAL COLD-FORMED STEEL JOIST CEILING FRAMING SCHEDULE AND DETAIL - SEE 4/S21-12.
4. ALL WELDS SHALL BE 1/8" FILLET MAXIMUM. FOR MATERIALS THINNER THAN Ø.15", EFFECTIVE THROAT SHALL NOT BE LESS THAN THINNEST MATERIAL. WELD IN ACCORDANCE WITH "STRUCTURAL WELDING CODE -- SHEET METAL" AWS D1.3.
5. STUD PUNCHOUTS SHALL NOT BE SPACED LESS THAN 24" ON CENTER, NOR WITHIN 10" CLEAR OF MEMBER END AT STUDS, HEADERS, BEAMS, JOISTS, ETC. FOR TYPICAL ALLOWABLE PUNCHOUT DETAIL - SEE 6/S21-11.
6. SCREWS SHALL BE THREAD-FORMING OR THREAD-CUTTING, WITH OR WITHOUT A SELF DRILLING POINT. SCREWS SHALL BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION. MINIMUM SPACING IS THREE SCREW DIAMETERS. A MINIMUM OF (3) THREADS SHALL BE ENGAGED.
7. FOR TYPICAL COLD-FORMED STEEL WALL CORNER REQUIREMENTS - SEE 3b/S21-11.
8. FOR POWER ACTUATED FASTENER REQUIREMENTS - SEE GENERAL NOTES.

TYPICAL NON-BEARING COLD-FORMED STEEL STUD WALL FRAMING

## 1/S21-10 ELEVATION
NO SCALE

EXTERIOR NON-BEARING COLD-FORMED STEEL WALL STUDS WITH MASONRY VENEER
15 PSF (ASD) WIND LOAD, L/600 DEFLECTION LIMIT

| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | | | |
|---|---|---|---|---|---|
| | | 33 MIL | 43 MIL | 54 MIL | 68 MIL |
| | | STUDS SPACED @ 16" O.C. MAXIMUM | | | |
| | | MAXIMUM STUD HEIGHT ALLOWED | | | |
| 1 ØR 2 OR 3 | 4ØØ5137 | SEE NOTE #3 | 11'-4" | 12'-1" | 21'-11" |
| | 4ØØ5162 | | 11'-1Ø" | 12'-8" | 13'-7" |
| | 4ØØ5200 | | 12'-6" | 13'-5" | 14'-4" |
| | 6ØØ5137 | | 15'-7" | 16'-9" | 17'-11" |
| | 6ØØ5162 | | 16'-3" | 17'-6" | 18'-9" |
| | 6ØØ5200 | | 17'-1" | 18'-4" | 19'-8" |
| 1 ØR 3 | 8ØØ5137 | | 19'-6" | 21'-Ø" | 22'-9" |
| | 8ØØ5162 | | 2Ø'-4" | 21'-1Ø" | 23'-7" |
| | 8ØØ5200 | | 21'-6" | 23'-1" | 24'-9" |

EXTERIOR NON-BEARING COLD-FORMED STEEL WALL STUDS
15 PSF (ASD) LOAD, 1/360 DEFLECTION LIMIT

| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | | | |
|---|---|---|---|---|---|
| | | 33 MIL | 43 MIL | 54 MIL | 68 MIL |
| | | STUDS SPACED @ 16" O.C. MAXIMUM | | | |
| | | MAXIMUM STUD HEIGHT ALLOWED | | | |
| 1 ØR 2 OR 3 | 4ØØ5137 | 12'-4" | 13'-5" | 14'-4" | 15'-4" |
| | 4ØØ5162 | 12'-11" | 14'-Ø" | 15'-1" | 16'-1" |
| | 4ØØ5200 | 13'-7" | 14'-1Ø" | 15'-11" | 17'-Ø" |
| | 6ØØ5137 | 16'-6" | 18'-6" | 19'-1Ø" | 21'-3" |
| | 6ØØ5162 | 17'-9" | 19'-4" | 2Ø'-9" | 22'-3" |
| | 6ØØ5200 | 18'-7" | 2Ø'-3" | 21'-9" | 23'-4" |
| 1 ØR 3 | 8ØØ5137 | 18'-1Ø" | 22'-1Ø" | 24'-11" | 26'-11" |
| | 8ØØ5162 | 2Ø'-6" | 24'-1" | 25'-11" | 28'-Ø" |
| | 8ØØ5200 | 22'-Ø" | 25'-5" | 27'-3" | 29'-4" |

EXTERIOR NON-BEARING COLD-FORMED STEEL WALL STUDS WITH MASONRY VENEER
2Ø PSF (ASD) WIND LOAD, 1/600 DEFLECTION LIMIT

| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | | | |
|---|---|---|---|---|---|
| | | 33 MIL | 43 MIL | 54 MIL | 68 MIL |
| | | STUDS SPACED @ 16" O.C. MAXIMUM | | | |
| | | MAXIMUM STUD HEIGHT ALLOWED | | | |
| 1 ØR 2 OR 3 | 4ØØ5137 | SEE NOTE #3 | 1Ø'-3" | 11'-Ø" | 11'-9" |
| | 4ØØ5162 | | 1Ø'-9" | 11'-6" | 12'-4" |
| | 4ØØ5200 | | 11'-4" | 12'-2" | 13'-Ø" |
| | 6ØØ5137 | | 14'-2" | 15'-2" | 16'-3" |
| | 6ØØ5162 | | 14'-9" | 15'-1Ø" | 17'-Ø" |
| | 6ØØ5200 | | 15'-6" | 16'-8" | 17'-11" |
| 1 ØR 3 | 8ØØ5137 | | 17'-4" | 19'-1" | 2Ø'-8" |
| | 8ØØ5162 | | 18'-5" | 19'-1Ø" | 21'-6" |
| | 8ØØ5200 | | 19'-6" | 2Ø'-11" | 22'-6" |

EXTERIOR NON-BEARING COLD-FORMED STEEL WALL STUDS
2Ø PSF (ASD) LOAD, 1/360 DEFLECTION LIMIT

| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | | | |
|---|---|---|---|---|---|
| | | 33 MIL | 43 MIL | 54 MIL | 68 MIL |
| | | STUDS SPACED @ 16" O.C. MAXIMUM | | | |
| | | MAXIMUM STUD HEIGHT ALLOWED | | | |
| 1 ØR 2 OR 3 | 4ØØ5137 | 1Ø'-11" | 11'-11" | 12'-9" | 13'-7" |
| | 4ØØ5162 | 11'-5" | 12'-5" | 13'-4" | 14'-3" |
| | 4ØØ5200 | 12'-Ø" | 13'-2" | 14'-1" | 15'-1" |
| | 6ØØ5137 | 15'-1" | 16'-5" | 17'-7" | 18'-1Ø" |
| | 6ØØ5162 | 15'-9" | 17'-2" | 18'-5" | 19'-8" |
| | 6ØØ5200 | 16'-6" | 18'-Ø" | 19'-4" | 2Ø'-4" |
| 1 ØR 3 | 8ØØ5137 | - | 2Ø'-9" | 22'-4" | 23'-11" |
| | 8ØØ5162 | - | 21'-7" | 23'-2" | 24'-11" |
| | 8ØØ5200 | - | 22'-1" | 24'-3" | 26'-1" |

INTERIOR NON-BEARING COLD-FORMED STEEL WALL STUDS
5 PSF (ASD) LIVE LOAD, 1/360 DEFLECTION LIMIT

| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | |
|---|---|---|---|
| | | 18 MIL | 33 MIL |
| | | STUD SPACING | |
| | | 16" O.C. | 16" O.C. |
| | | MAXIMUM STUD HEIGHT ALLOWED | |
| 4 | 1625125 | 8'-2" | 8'-5" |
| | 2505125 | 9'-1Ø" | 11'-2" |
| | 3625125 | 12'-4" | 14'-3" |
| | 4005125 | 13'-4" | 15'-11" |
| | 6005125 | 17'-11" | 21'-4" |
| REQUIRED BRIDGING TYPE | STUD SIZE | STUD MIL | |
| | | 43 MIL | 54 MIL |
| | | STUD SPACING | |
| | | 16" O.C. | 16" O.C. |
| | | MAXIMUM STUD HEIGHT ALLOWED | |
| 1 ØR 2 OR 3 OR 4 | 4ØØ5137 | 17'-2" | 18'-5" |
| | 4ØØ5162 | 18'-Ø" | 19'-3" |
| | 4ØØ5200 | 19'-Ø" | 2Ø'-4" |
| | 6ØØ5137 | 23'-8" | 25'-5" |
| | 6ØØ5162 | 24'-9" | 26'-6" |
| | 6ØØ5200 | 26'-Ø" | 27'-11" |
| 1 ØR 3 OR 4 | 8ØØ5137 | 3Ø'-Ø" | 32'-2" |
| | 8ØØ5162 | 31'-2" | 33'-6" |
| | 8ØØ5200 | 32'-7" | 35'-Ø" |

NOTES:
1. FOR TYPICAL COLD-FORMED STEEL WALL STUD BRIDGING DETAIL SEE 5/SLGM3.
2. INFORMATION SHOWN FOR S125 STUDS TAKEN FROM THE GYPSUM CONSTRUCTION HAND BOOK BY CGC INC. - INFORMATION SHOWN FOR ALL OTHER STUDS TAKEN FROM ICC ES LEGACY REPORT ER-4943P*.
3. 43 MIL MINIMUM REQUIRED AT MASONRY VENEER.

## 2/S21-10 SCHEDULE
NO SCALE

EXTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 15 PSF (ASD) WIND LOAD

| STUD SIZE AND MIL | MAXIMUM PENETRATION (FEET) | MINIMUM NUMBER STUD(S) AT JAMB (1) | | (2) | | (3) | | (4) | |
|---|---|---|---|---|---|---|---|---|---|
| | | HORIZONTAL DEFLECTION LIMIT OF WALL HEIGHT | | | | | | | |
| | | L / 360 | L / 600 | L / 360 | L / 600 | L / 360 | L / 600 | L / 360 | L / 600 |
| | | MAXIMUM JAMB HEIGHT (FEET) | | | | | | | |
| 4ØØ5137-33 | 4 | 1Ø | 9 | 13 | 11 | 15 | 13 | 16 | - |
| | 8 | - | - | 1Ø | 9 | 12 | 1Ø | 13 | 11 |
| 6ØØ5137-33 | 4 | 13 | 12 | 16 | 15 | 16 | 16 | 16 | 16 |
| | 8 | - | - | 1Ø | 1Ø | 15 | 14 | 16 | 15 |
| | 12 | - | - | - | - | 1Ø | 1Ø | 13 | 13 |
| 8ØØ5162-43 | 4 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 8 | 14 | 14 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 12 | 11 | 11 | 13 | 13 | 16 | 16 | 16 | 16 |

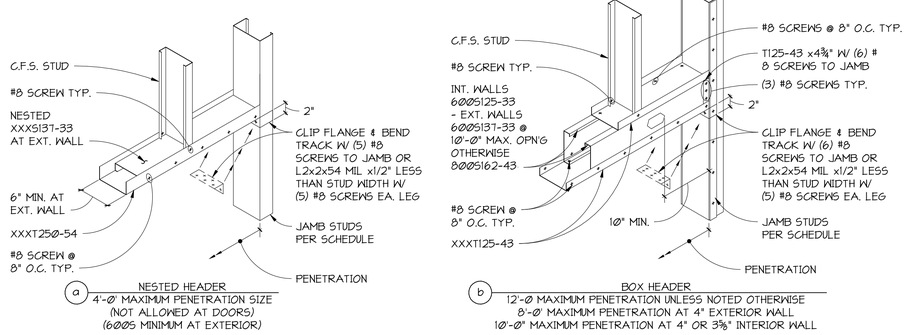
EXTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 2Ø PSF (ASD) WIND LOAD

| STUD SIZE AND MIL | MAXIMUM PENETRATION (FEET) | MINIMUM NUMBER STUD(S) AT JAMB (1) | | (2) | | (3) | | (4) | |
|---|---|---|---|---|---|---|---|---|---|
| | | HORIZONTAL DEFLECTION LIMIT OF WALL HEIGHT | | | | | | | |
| | | L / 360 | L / 600 | L / 360 | L / 600 | L / 360 | L / 600 | L / 360 | L / 600 |
| | | MAXIMUM JAMB HEIGHT (FEET) | | | | | | | |
| 4ØØ5137-33 | 4 | 9 | - | 12 | 1Ø | 14 | 11 | 15 | 13 |
| | 8 | - | - | - | - | 11 | 9 | 12 | 1Ø |
| 6ØØ5137-33 | 4 | 11 | 11 | 15 | 14 | 16 | 16 | 16 | 16 |
| | 8 | - | - | - | - | 11 | 11 | 15 | 14 |
| | 12 | - | - | - | - | - | - | 1Ø | 1Ø |
| 8ØØ5162-43 | 4 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 8 | 12 | 12 | 16 | 16 | 16 | 16 | 16 | 16 |
| | 12 | 9 | 9 | 11 | 11 | 12 | 12 | 16 | 16 |

INTERIOR NON-BEARING COLD FORMED STEEL STUD WALL PENETRATION JAMB SCHEDULE 5 POUNDS PER SQUARE FOOT (ASD) LIVE LOAD - L/360

| STUD SIZE AND MIL | MAXIMUM PENETRATION (FEET) | MINIMUM NUMBER OF BUILT-UP STUDS AT JAMB (2) | (3) | (4) | STUD DEPTH | STUD WIDTH AND MIL | MAXIMUM PENETRATION WIDTH (FEET) WITH SINGLE JAMB STUD (4) | (8) | (12) |
|---|---|---|---|---|---|---|---|---|---|
| | | MAXIMUM JAMB HEIGHT (FEET) | | | | | MAXIMUM JAMB HEIGHT (FEET) | | |
| 3625125-33 OR 4005125-33 | 4 | 12 | 15 | - | 3625 OR 4005 | 125-33 | 1Ø | - | - |
| | | | | | | 137-43 | 12 | - | - |
| | | | | | | 162-54 | 13 | 11 | - |
| | 8 | 1Ø | 12 | 14 | | 2ØØ-54 | 14 | 12 | 1Ø |
| 6005125-33 | 4 | 16 | - | - | 6005 | 125-33 | 11 | - | - |
| | | | | | | 137-43 | 14 | - | - |
| | 8 | 13 | 16 | - | | 162-54 | - | 15 | - |
| | | | | | | 2ØØ-54 | - | - | 15 |
| | 12 | 9 | 14 | 16 | | | | | |

NOTES:
1. BOXED JAMB STUDS SHOWN. BACK-TO-BACK JAMB STUDS PERMITTED AT CONTRACTOR'S OPTION. FOR DETAIL SEE 8/SLGM3.
2. FOR CONNECTION TO STRUCTURE ABOVE - SEE 4/SLGM2 & 1/SLGM4.
3. FOR CONNECTION TO STRUCTURE BELOW - SEE 1/SLGM3.
4. HEADER AND STUDS SHALL BE CONTINUOUS - NO SPLICES ALLOWED.
5. 1/600 APPLIES TO WALLS WITH MASONRY VENEER - COORDINATE WITH ARCH WALL TYPES.

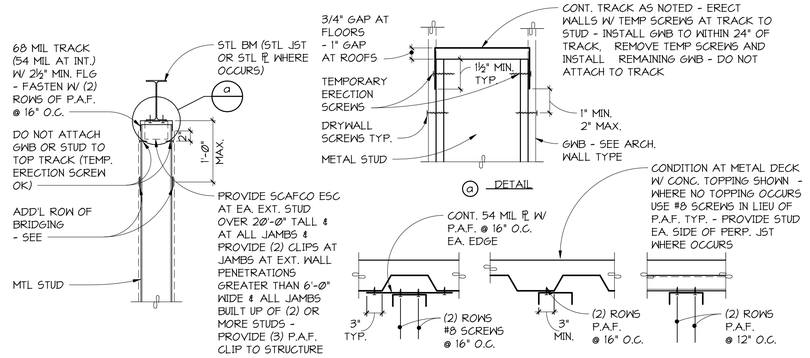



a NESTED HEADER
4'-Ø" MAXIMUM PENETRATION SIZE (NOT ALLOWED AT DOORS) (6ØØ5 MINIMUM AT EXTERIOR)

b BOX HEADER
12'-Ø MAXIMUM PENETRATION UNLESS NOTED OTHERWISE
8'-Ø" MAXIMUM PENETRATION AT 4" EXTERIOR WALL
1Ø'-Ø" MAXIMUM PENETRATION AT 4" OR 3⅝" INTERIOR WALL

TYPICAL NON-BEARING COLD-FORMED STEEL WALL PENETRATION AT 16'-Ø" MAXIMUM STUD HEIGHT - JAMB STUD SCHEDULE

## 3/S21-10 DETAIL
NO SCALE




TYPICAL NON-BEARING CFS WALL EXTENDING TO STRUCTURE ABOVE

## 4/S21-10 SECTION
NO SCALE


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MACDONALD MILLER
1004 Madison St. Seattle, WA 98104

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PHASE 1 PERMIT SET 24/04/2025

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**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | | 24127 |

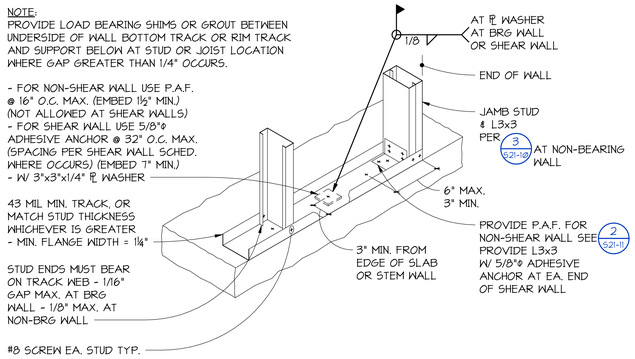
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**COLD FORMED STEEL FRAMING DETAILS**

SHEET NUMBER

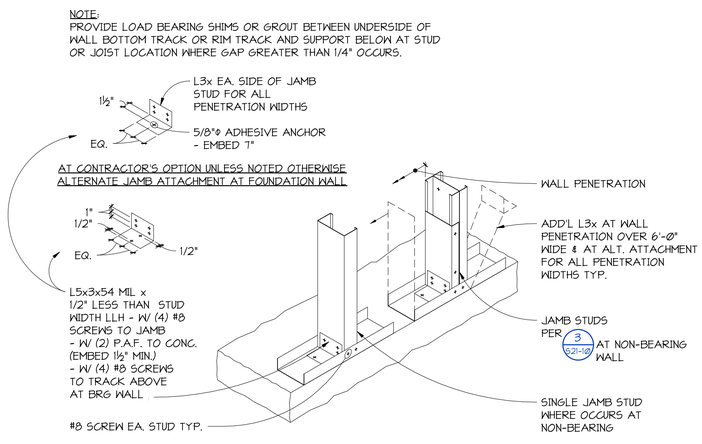
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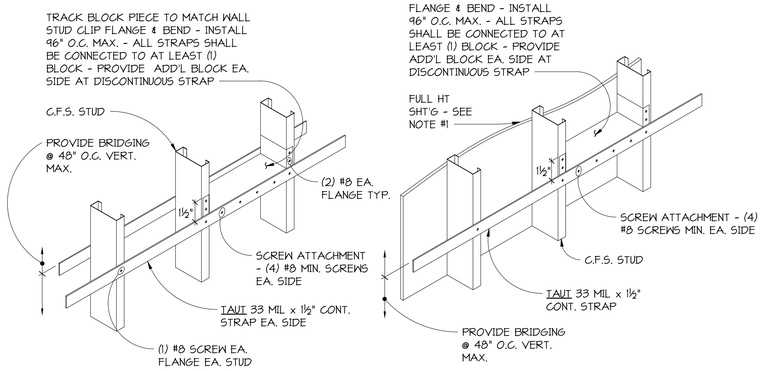

TYPICAL COLD-FORMED STEEL STUD AND TRACK ATTACHMENT

1 S21-11 **DETAIL** NO SCALE



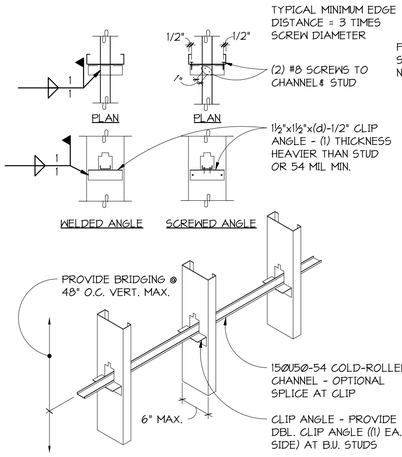

TYPICAL COLD-FORMED STEEL JAMB STUD ATTACHMENT

2 S21-11 **DETAIL** NO SCALE

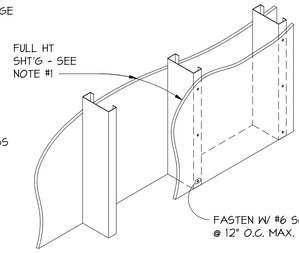



OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE




OPTION 2: BRIDGING CONSISTS OF COLD-ROLLED CHANNEL WITH CLIP ANGLE (6" MAXIMUM STUD SIZE)



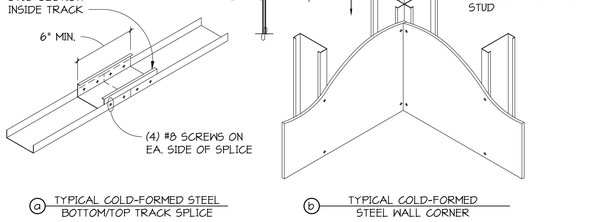

OPTION 4: FULL HEIGHT SHEATHING EACH FACE

NOTES:

1. QUALIFIED SHEATHING SHALL BE GYPSUM WALL BOARD, GYPSHEATHING, PLYWOOD, OR ORIENTED STRAND BOARD ONLY AND SHALL OCCUR FULL HEIGHT OF WALL.
2. OPTIONS 3 & 4 ARE NOT ALLOWED FOR STUD BRACING AT LOAD BEARING WALL CONDITION.

TYPICAL BRIDGING AT COLD-FORMED STEEL WALL

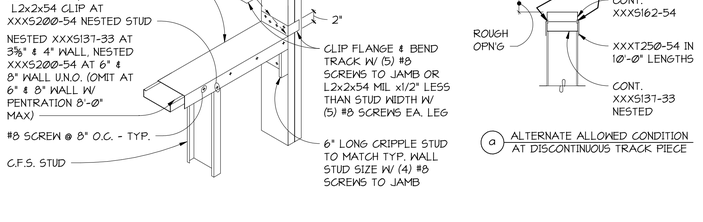
5 S21-11 **DETAIL** NO SCALE




ⓐ TYPICAL COLD-FORMED STEEL BOTTOM/TOP TRACK SPLICE

ⓑ TYPICAL COLD-FORMED STEEL WALL CORNER

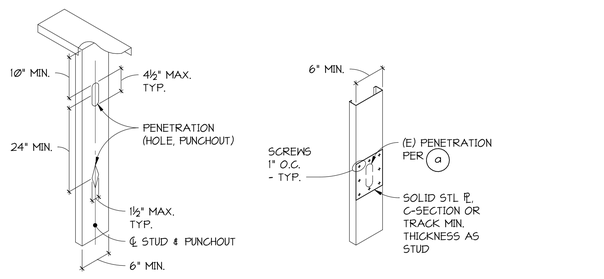
3 S21-11 **DETAIL** NO SCALE




ⓐ ALTERNATE ALLOWED CONDITION AT DISCONTINUOUS TRACK PIECE

TYPICAL SILL AT COLD-FORMED STEEL WALL PENETRATION AT 16'-ø" MAXIMUM STUD HEIGHT

4 S21-11 **DETAIL** NO SCALE

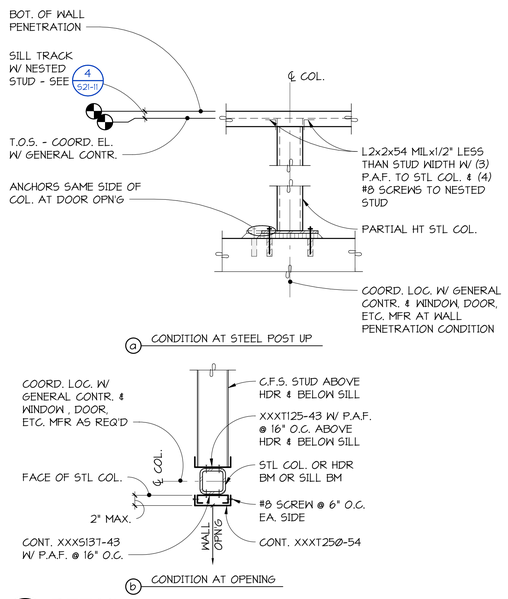



ⓐ TYPICAL ALLOWABLE COLD-FORMED STEEL STUD PUNCHOUT

ⓑ TYPICAL INFILL OF FACTORY COLD-FORMED STEEL STUD PUNCHOUT

ⓒ TYPICAL ALLOWABLE COLD-FORMED STEEL JOIST PUNCHOUT

6 S21-11 **DETAIL** NO SCALE

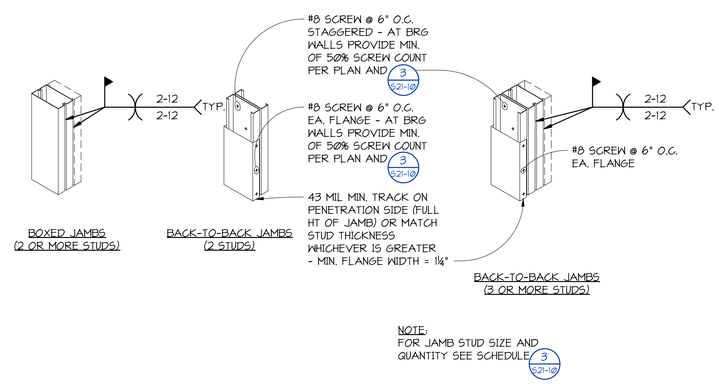



ⓐ CONDITION AT STEEL POST UP




ⓑ CONDITION AT OPENING

7 S21-11 **DETAIL** NO SCALE




NOTE:
FOR JAMB STUD SIZE AND QUANTITY SEE SCHEDULE 3 S21-10

TYPICAL JAMB STUD CONFIGURATIONS AT BEARING WALLS

8 S21-11 **DETAIL** NO SCALE


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REGISTERED PROFESSIONAL ENGINEER
REED PAUL LARSEN
STATE OF WASHINGTON
49277

PHASE 1 PERMIT SET 24/04/2025

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City of Puyallup
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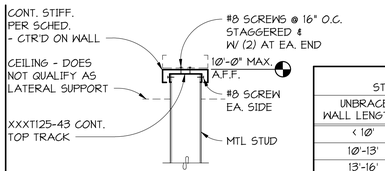
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**COLD FORMED STEEL FRAMING DETAILS**

SHEET NUMBER

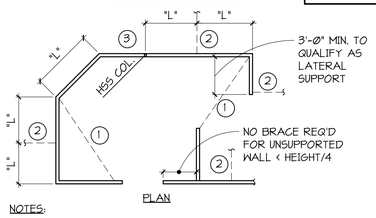
**S21-11**

4/17/2025 3:05:11 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU-MultiCare-Kitchen-R25.rvt




TOP OF WALL STIFFENER

| TOP OF WALL STIFFENER SCHEDULE | |
|---|---|
| UNBRACED WALL LENGTH "L" | STIFFENER MEMBER CONTINUOUS |
| < 10' | NONE REQ'D |
| 10'-13' | 600S137-33 |
| 13'-16' | (2) 600S137-33 |
| 16'-24' | (2) 800S162-43 |



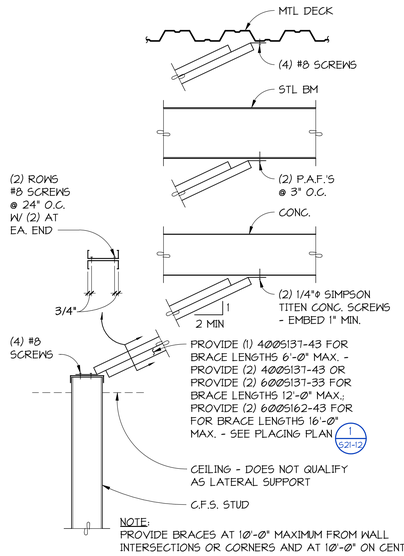

PLAN

NOTES:

1. THIS PLAN IS AN EXAMPLE ONLY. IT DOES NOT REPRESENT A SPECIFIC WALL.
2. "L" INDICATES UNBRACED LENGTH OF WALLS - SEE SCHEDULE FOR TOP OF WALL STIFFENER SIZE.
3. AT CONTRACTORS OPTION, IN LIEU OF TOP OF WALL STIFFENER:
   - (1) INDICATES HORIZONTAL BRACE EXTENDING TO ADJACENT CORNER - SEE 3/S21-12.
   - (2) INDICATES BRACE UP TO STRUCTURE - SEE 2/S21-12.
   - (3) INDICATES WALL BRACED AT HOLLOW STRUCTURAL SECTION COLUMN - PROVIDE L2"x2"x1/2" LESS THAN STUD WIDTH x54MIL. WITH (4) #8 SCREWS TO TOP TRACK. - WELD CONNECTION ANGLE TO HOLLOW STRUCTURAL SECTION COLUMN OR PROVIDE (4) POWER ACTUATED FASTENERS AT CONTRACTOR'S OPTION.
4. ALL TOP TRACK SPLICES SHALL BE AT BRACE LOCATIONS.

TYPICAL LATERAL SUPPORT FOR COLD-FORMED STEEL STUD WALLS NOT EXTENDING TO STRUCTURE ABOVE

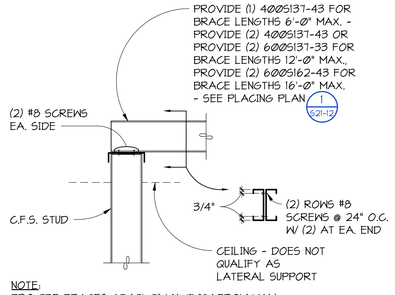
1 S21-12 DETAIL
NO SCALE




NOTE:
PROVIDE BRACES AT 10'-0" MAXIMUM FROM WALL INTERSECTIONS OR CORNERS AND AT 10'-0" ON CENTER.

TYPICAL COLD-FORMED STEEL STUD WALL BRACE UP TO STRUCTURE

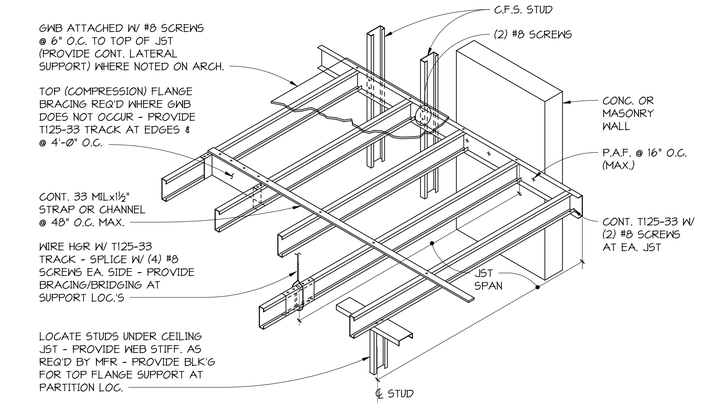
2 S21-12 DETAIL
NO SCALE




NOTE:
PROVIDE BRACES AT 10'-0" MAXIMUM FROM WALL INTERSECTIONS OR CORNERS AND AT 10'-0" ON CENTER.

TYPICAL COLD-FORMED STEEL STUD WALL HORIZONTAL BRACE

3 S21-12 DETAIL
NO SCALE




TYPICAL COLD-FORMED STEEL CEILING FRAMING DETAIL

| COLD-FORMED STEEL JOIST CEILING FRAMING SCHEDULE 10 POUNDS PER SQUARE FOOT (ASD) LIVE LOAD, 1/240 DEFLECTION LIMIT, (2) LAYERS MAXIMUM OF 5/8" GYPSUM WALL BOARD | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JOIST SIZE | STUD MIL | | | | | | | | | | | |
| | 18 MIL | | | | | | 33 MIL | | | | | |
| | JOIST SPACING | | | | | | | | | | | |
| | 12" O.C. | | 16" O.C. | | 24" O.C. | | 12" O.C. | | 16" O.C. | | 24" O.C. | |
| | NUMBER OF CONTINUOUS SPANS | | | | | | | | | | | |
| | ONE | TWO+ | ONE | TWO+ | ONE | TWO+ | ONE | TWO+ | ONE | TWO+ | ONE | TWO+ |
| | MAXIMUM JOIST SPAN ALLOWED | | | | | | | | | | | |
| 250S | 6'-9" | 6'-11 | 5'-4" | 5'-9" | - | 4'-4" | 8'-3" | 10'-0" | 7'-6" | 8'-9" | 6'-4" | 7'-1" |
| 362S | 7'-3" | 6'-8" | 5'-5" | 5'-3" | - | - | 11'-0" | 13'-3" | 10'-0" | 11'-6" | 8'-4" | 9'-4" |
| 400S | 9'-0" | 6'-3" | 7'-6" | 4'-10" | 5'-0" | - | 11'-11" | 14'-3" | 10'-10" | 12'-4" | 9'-0" | 9'-9" |
| 600S | - | - | - | - | - | - | 16'-6" | 16'-10" | 14'-9" | 13'-10" | 12'-0" | 10'-2" |

NOTES:
1. BRACE TOP FLANGE AT 48" ON CENTER MAXIMUM.
2. INFORMATION SHOWN TAKEN FROM THE GYPSUM CONSTRUCTION HAND BOOK BY CGC INCORPORATED.
3. SEE ARCHITECTURAL DRAWING FOR LATERAL SUPPORT OF SUSPENDED FRAMING.

4 S21-12 DETAIL
NO SCALE


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PHASE 1 PERMIT SET 24/04/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MULTICARE

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

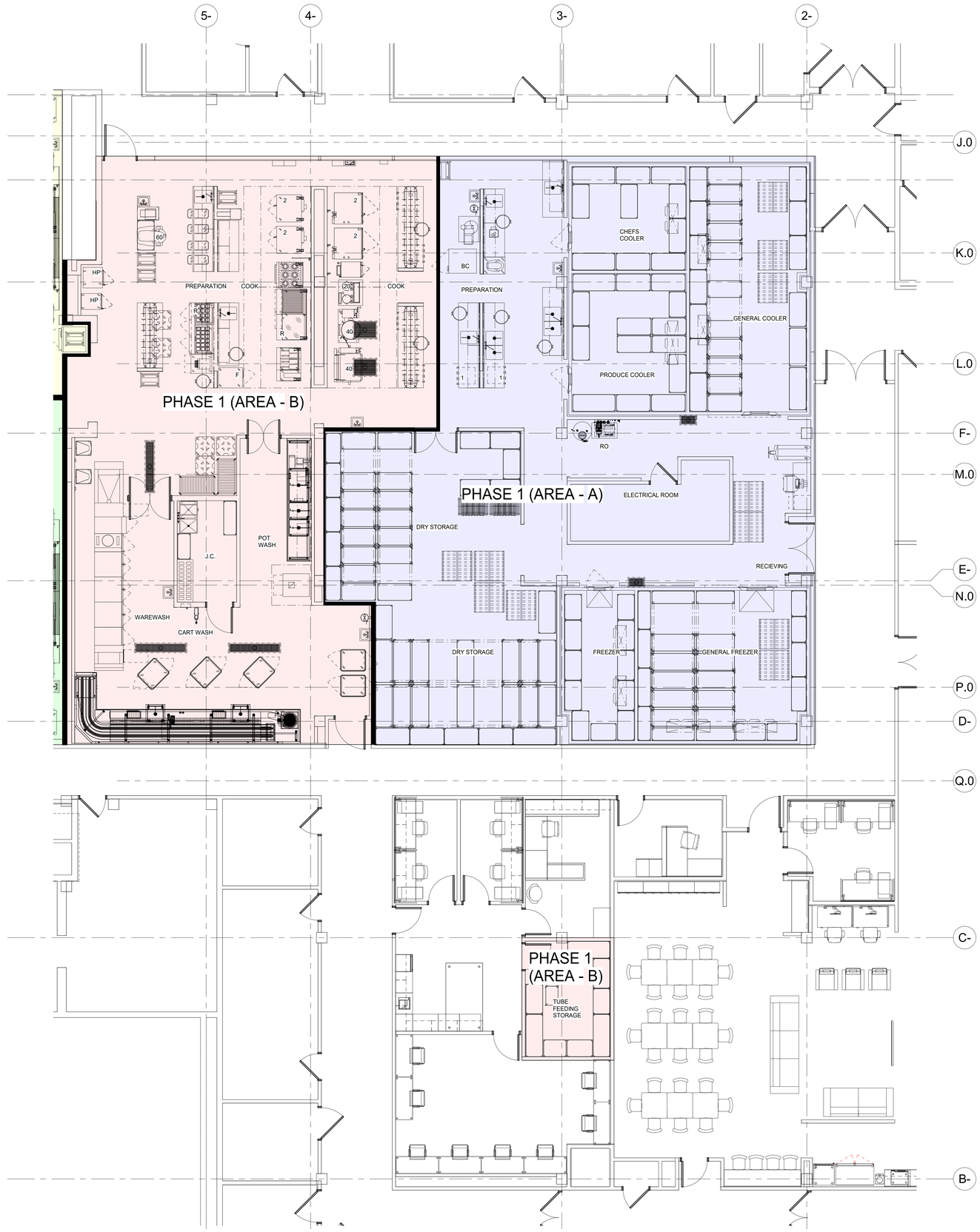
TITLE

**NON-BEARING COLD FORMED STEEL DETAILS**

SHEET NUMBER

**S21-12**


4/17/2025 3:05:13 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/STRU/MultiCare-Kitchen-R25.rvt




1 PHASE 1 OVERALL
3/16" = 1'-0"

4/18/2025 3:45:05 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-MultiCare-Kitchen-Basic-R25.rvt

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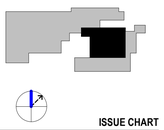
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

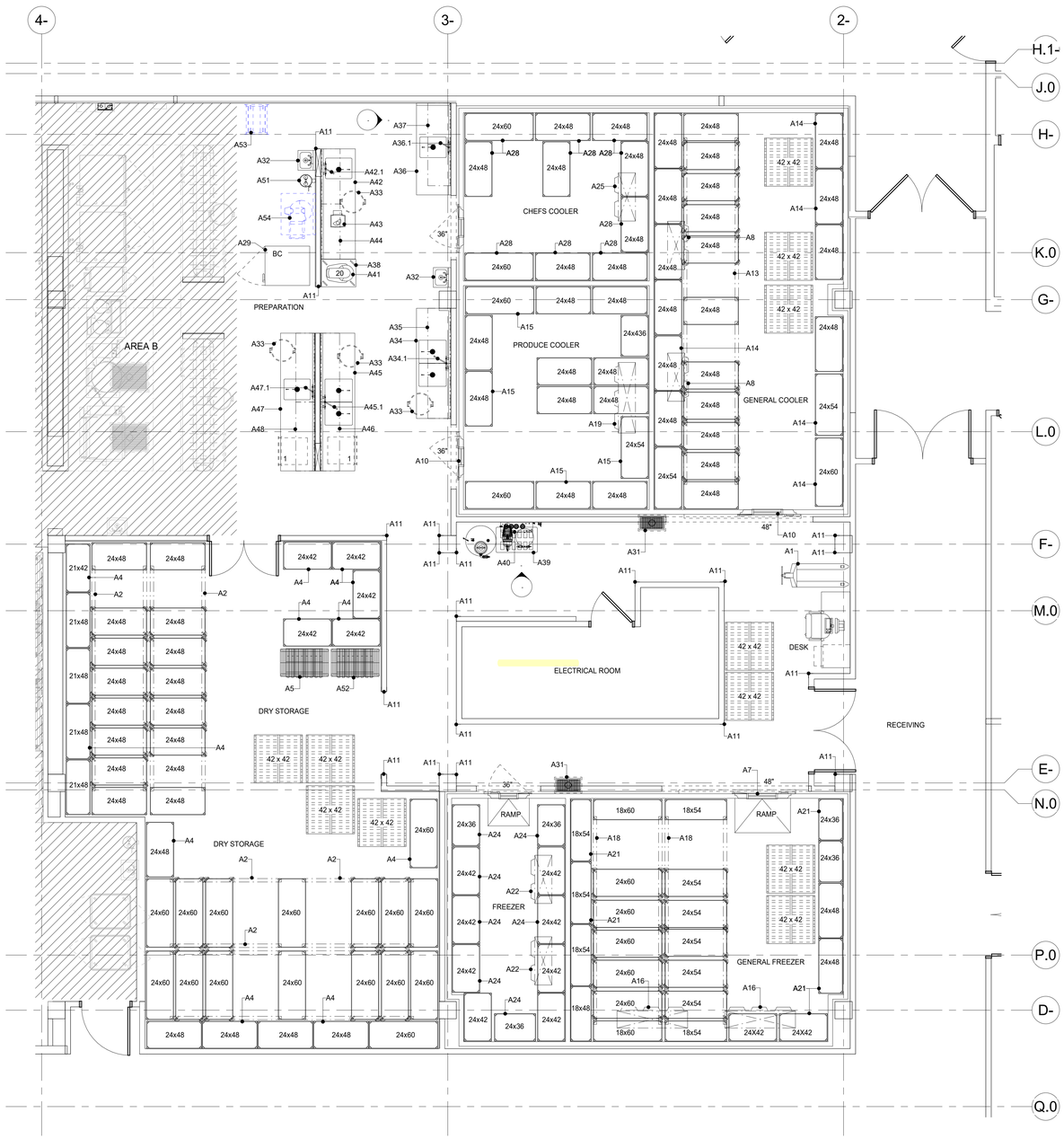
Job Number 24127

TITLE

**PHASE 1 OVERALL**

SHEET NUMBER

**FS01-00**




1 PHASE 1 (AREA - A) EQUIPMENT PLAN
1/4" = 1'-0"

# PHASE 1 (AREA - A) SCHEDULE OF EQUIPMENT

| ITEM | QTY. | DESCRIPTION | MANUFACTURER | MODEL NUMBER | REMARKS |
|---|---|---|---|---|---|
| A1 | 1 | PALLET JACK | - | - | BY OWNER |
| A2 | LOT | DRY STORAGE QUICK TRAK SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A3 | - | SPARE NUMBER | - | - | - |
| A4 | LOT | DRY STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A5 | 1 | CAN RACK | METRO | CR4 | - |
| A6 | - | SPARE NUMBER | - | - | - |
| A7 | 1 | WALK-IN FREEZER ASSEMBLY | IMPERIAL BROWN | CUSTOM | - |
| A8 | 2 | BLOWER COIL + 35° | IMPERIAL BROWN | CUSTOM | FOR GENERAL COOLER |
| A9 | 1 | REMOTE CONDENSING UNIT | IMPERIAL BROWN | CUSTOM | FOR GENERAL COOLER SEE FS04-A.1 |
| A10 | 1 | WALK-IN COOLER ASSEMBLY | IMPERIAL BROWN | CUSTOM | - |
| A11 | LOT | S/S CORNER GUARD | FABRICATOR | CUSTOM | - |
| A12 | 5 | CONDENSING UNIT STAND | - | - | BY GENERAL CONTRACTOR |
| A13 | LOT | GENERAL COOLER QUICK TRAK SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A14 | LOT | GENERAL COOLER STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A15 | LOT | PRODUCE COOLER STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A16 | 2 | BLOWER COIL - 10° | IMPERIAL BROWN | CUSTOM | FOR GENERAL FREEZER |
| A17 | 1 | REMOTE CONDENSING UNIT | IMPERIAL BROWN | CUSTOM | FOR GENERAL FREEZER SEE FS04-A.1 |
| A18 | LOT | GENERAL FREEZER QUICK TRAK SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A19 | 1 | BLOWER COIL + 35° | IMPERIAL BROWN | CUSTOM | FOR PRODUCE COOLER |
| A20 | 1 | REMOTE CONDENSING UNIT | IMPERIAL BROWN | CUSTOM | FOR PRODUCE COOLER SEE FS04-A.A |
| A21 | LOT | GENERAL FREEZER STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A22 | 2 | BLOWER COIL -10° | IMPERIAL BROWN | CUSTOM | FOR FREEZER |
| A23 | 1 | REMOTE CONDENSING UNIT | IMPERIAL BROWN | CUSTOM | FOR FREEZER SEE FS04-A.1 |
| A24 | LOT | FREEZER STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A25 | 1 | BLOWER COIL +35° | IMPERIAL BROWN | CUSTOM | FOR CHEFS COOLER |
| A26 | 1 | REMOTE CONDENSING UNIT | IMPERIAL BROWN | CUSTOM | FOR CHEFS COOLER SEE FS04-A.A |
| A27 | - | SPARE NUMBER | - | - | - |
| A28 | LOT | CHEFS COOLER STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| A29 | 1 | BLAST CHILLER / SHOCK FREEZER | IRINOX | EASYFRESH NEXT LL | - |
| A30 | - | SPARE NUMBER | - | - | - |
| A31 | 2 | S/S STANDARD FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| A32 | 2 | HAND SINK W/ SIDE SPLASHES | ADVANCE TABCO | 7-PS-66W | - |
| A33 | 4 | MOBILE TRASH RECEPTACLE W/ DOLLY / LID | - | - | BY OWNER |
| A34 | 1 | PREPARATION TABLE W/ SINKS | FABRICATOR | CUSTOM | - |
| A34.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT | - |
| A35 | 1 | SMART WALL G3 (TALL WALL) | METRO | CUSTOM | GREY |
| A36 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| A36.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| A37 | 1 | SMART WALL G3 (TALL WALL) | METRO | CUSTOM | GREY |
| A38 | 1 | MOBILE MIXER STAND | FABRICATOR | CUSTOM | W/ UTILITY TREE |
| A39 | 1 | DUNNAGE RACK | METRO | HP2236PDMB | - |
| A40 | 1 | REVERSE OSMOSIS SYSTEM | EVERPURE | BWS1500/50 HF | W/ EBV EV999998 BYPASS VALVE |
| A41 | 1 | 20 QT. MIXER | HOBART | HL200 | - |
| A42 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| A42.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| A43 | 1 | FOOD PROCESSOR | ROBOT COUPE | R502 | - |
| A44 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| A45 | 1 | PREPARATION TABLE W/ SINKS | FABRICATOR | CUSTOM | - |
| A45.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT | - |
| A46 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| A47 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| A47.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| A48 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| A49 | - | SPARE NUMBER | - | - | - |
| A50 | - | SPARE NUMBER | - | - | - |
| A51 | 1 | EYE WASH STATION | T&S BRASS | EW-7360B-TMV | - |
| A52 | 1 | CAN RACK | NEW AGE | - | EXISTING / RE-LOCATED |
| A53 | 3 | MOBILE PAN RACK | - | - | EXISTING / RE-LOCATED |
| A54 | 1 | BUFFALO CHOPPER W/ STAND | HOBART | 84181 | EXISTING / RE-LOCATED |

## GENERAL NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

DIMENSION SHOWN ARE DESIGN PURPOSES ONLY & ARE TO BE CONSIDERED FROM FINISHED WALLS. ALL DIMENSIONS GIVEN MUST BE FIELD VERIFIED BEFORE FINAL PLANS ARE SUBMITTED.

THESE DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTIONS W/THE WRITTEN FOODSERVICE EQUIPMENT SPECIFICATIONS AS WRITTEN BY INMAN FOODSERVICES GROUP & IN COORDINATION W/ARCHITECTURAL/ENGINEERING DRAWINGS AS AN AID TO ALL CONTRACTORS INVOLVED W/FOODSERVICE EQUIPMENT.

INDICATED MECHANICAL, ELECTRICAL & PLUMBING INFORMATION & OUTLETS HAVE BEEN LOCATED AS ACCURATELY AS CAN BE DETERMINED & ARE INTENDED TO SUIT REQUIREMENTS OF FIXTURES & EQUIPMENT AS SPECIFIED IN THIS CONTRACT DOCUMENT SET. INMAN FOODSERVICES GROUP SHALL NOT BE RESPONSIBLE FOR ANY DISCREPANCIES WHICH MAY DEVELOP BETWEEN LOCATIONS OF CONNECTIONS SHOWN & ACTUAL LOCATIONS OF CONNECTIONS OF FIXTURE FURNISHED.

CONNECTIONS SHOWN ON THESE PLANS ARE APPROXIMATE LOCATIONS ON FIXTURES, EXCEPT WHERE OTHERWISE NOTED & ALLOWANCES MUST BE MADE FOR TRAPS, VALVES, SWITCHES OR OTHER CONNECTIONS REQUIREMENTS SO AS NOT TO INTERFERE W/OPERATIONS OF ITEMS OF FOODSERVICE EQUIPMENT.

KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH THE DIMENSIONED EQUIPMENT LAYOUT PLAN & MECHANICAL, ELECTRICAL & PLUMBING ROUGH-IN DRAWINGS AS PER THE WRITTEN SPECIFICATIONS AS DETAILED UNDER 1.22 SUBMITTALS REQUIREMENTS & APPROVALS.

THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE CONNECTIONS SHOWN HEREIN & THOSE REQUIRED FOR THE ACTUAL EQUIPMENT FURNISHED AS A RESULT OF SUBSTITUTIONS OR CHANGES INITIATED BY THE KITCHEN EQUIPMENT CONTRACTOR. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY & ALL RE-ENGINEERED OR REDESIGN COST INCURRED BY SAID SUBSTITIONS OR CHANGES.

CONNECTIONS, LOADS & CONSUMPTION SHOWN ON UTILITY CONNECTIONS PLANS ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS MULTIPLY BY NUMBER IN EQUIPMENT SPECIFICATIONS.

CONSUMPTION RATES SHOWN ON CONNECTION PLANS ARE MAXIMUM RATES ONLY. ACTUAL CONSUMPTION WILL DEPEND UPON THE TOTAL HOURS THE VARIOUS EQUIPMENT ITEMS ARE OPERATED.


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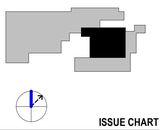
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 24127

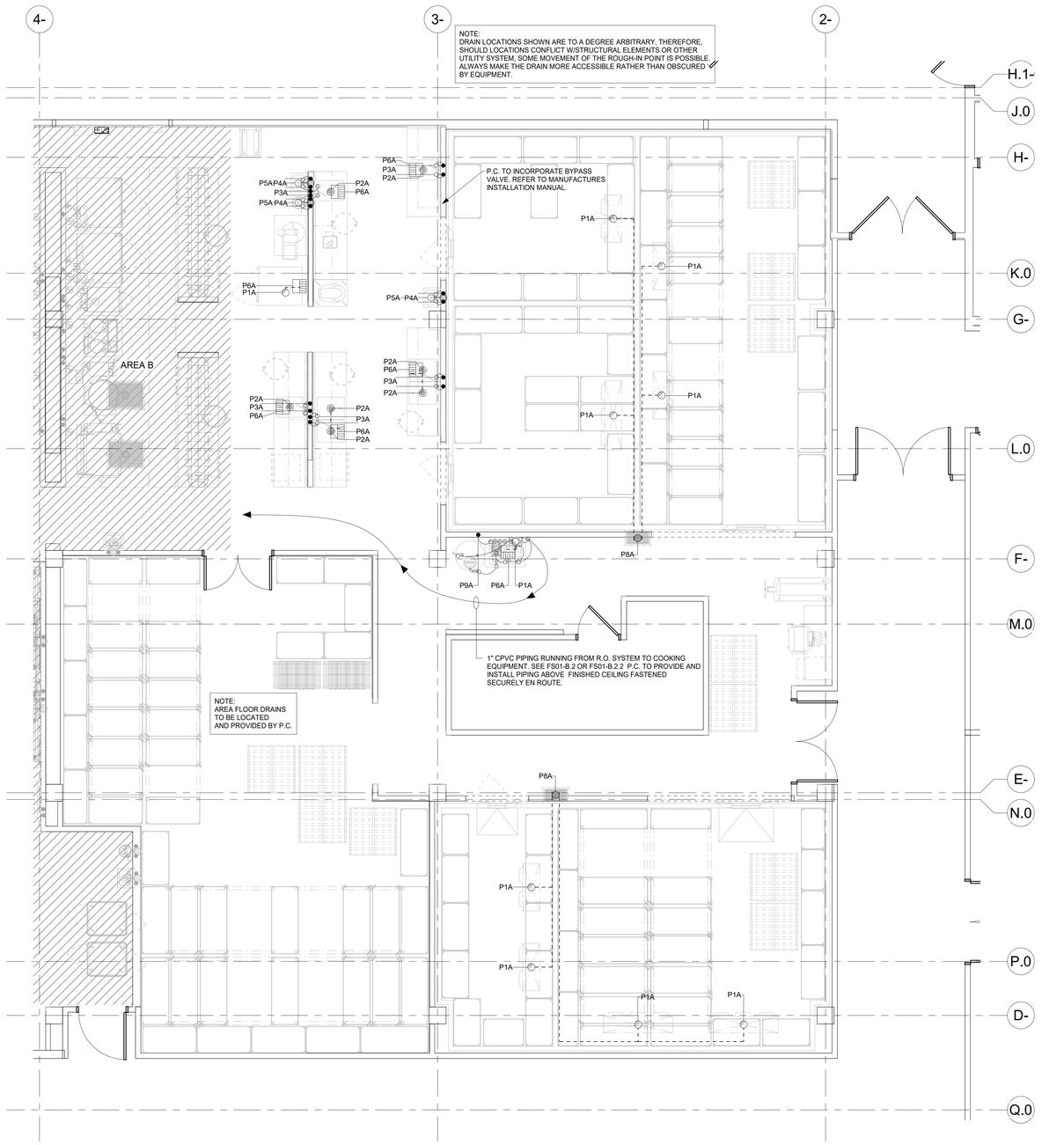
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**PHASE 1 (AREA - A) EQUIPMENT PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-A.1**


4/22/2025 11:03:28 AM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-A-R25.rvt




1 PHASE 1 (AREA - A) PLUMBING PLAN
1/4" = 1'-0"

## PHASE 1 (AREA - A) PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P1A | 1" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P2A | 2" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P3A | 1/2" | HOT & COLD WATER | WALL | 18" | SUPPLY | - | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P4A | 1/2" | HOT & COLD WATER | WALL | 20" | HAND SINK / EYE WASH | A32 / A51 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P5A | 1-1/2" | DIRECT WASTE | WALL | 22" | HAND SINK / EYE WASH | A32 / A51 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P6A | - | FLOOR SINK | - | - | - | - | - |
| P7A | - | SPARE NUMBER | - | - | - | - | - |
| P8A | 4" | DIRECT WASTE | FLOOR | STUB | FLOOR TROUGH | A31 | - |
| P9A | 1/2" | COLD WATER | WALL | 60" | REVERSE OSMOSIS SYSTEM | A40 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |

## PLUMBING NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

ALL DIMENSIONS ARE FROM FINISHED WALLS, FLOORS, CEILINGS &/OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS OF FOODSERVICE EQUIPMENT ONLY & ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL PLUMBING UTILITIES WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ ENGINEER.

PLUMBING PLAN SHOWS OUTLET & CONNECTIONS LOCATIONS W/CAPACITIES. FOR ACTUAL ROUGH-IN LOCATIONS, REFER TO DIMENSIONED DRAWINGS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL PLUMBING CONNECTIONS INCLUDING MOUNTING OF DRAINS, FAUCETS & PIPING FROM POINT-OF-CONNECTIONS ON EQUIPMENT TO BUILDING PLUMBING SYSTEM & INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL PROVIDE FINAL INTERCONNECTIONS BETWEEN EQUIPMENT & UTILITY DISTRIBUTION SYSTEM. QUICK DISCONNECT HOSES SHALL BE FURNISHED LOOSE BY THE KITCHEN EQUIPMENT CONTRACTOR.

ALL PLUMBING MATERIALS, INCLUDING PIPE, TRAPS, STOPS, VALVES, FITTINGS, SHUT-OFFS, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, GAUGES, UNIONS & INSULATION SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL INSTALL ALL FAUCETS & PLUMBING ACCESSORIES PROVIDED LOOSE BY KITCHEN EQUIPMENT CONTRACTOR.

UTILITIES (GAS, WATER & STEAM) SHALL BE CONCEALED IN WALLS & STUBBED-OUT OF FINISHED WALLS. 6" PIPING STUBBED OUT OF THE FLOOR OR WALL & RUN EXPOSED SHALL NOT BE ACCEPTABLE & IS IN VIOLATION OF HEALTH DEPARTMENT CODES. ALL PENETRATIONS SHALL BE SEALED & WATER TIGHT.

ALL EXPOSED PIPING SHALL BE CHROME PLATED TO SATISFY LOCAL HEALTH DEPARTMENT.

PLUMBING COMPONENTS, PROVIDED BY PLUMBING CONTRACTOR INCLUDING VALVES, TRAPS, SHUT-OFFS, GAUGES AND CONNECTIONS SHALL NOT INTERFERE IN ANY WAY W/THE OPERATION OF ITEMS OF FOODSERVICE.

WATER PRESSURE IN EQUIPMENT AREA SHOULD NOT EXCEED 50 PSI IN BOTH HOT & COLD WATER SUPPLY LINES. THE WATER PRESSURE TO DISHWASHERS, GLASSWASHERS & BOOSTER HEATERS SHOULD NOT EXCEED 25 PSI. PRESSURE REDUCING VALVES PROVIDED BY PLUMBING CONTRACTOR MUST MEET EQUIPMENT MANUFACTURER'S FLOOR RECOMMENDATIONS.

FLOOR SINKS SHALL BE INSTALLED FLUSH W/FINISHED FLOOR W/OR WITHOUT GRATE COVER AS INDICATED ON PLAN.

ALL LINES SHALL BE FLUSHED FREE OF FOREIGN MATTER & LINE STRAINERS & FAUCET AERATORS CLEANED PRIOR TO MAKE-UP OF FINAL UTILITY CONNECTIONS BY PLUMBING CONTRACTOR.

GREASE TRAPS SHALL BE PROVIDED BY PLUMBING CONTRACTOR & SHALL BE RECESS-MOUNTED, FLUSH W/TOP OF FINISHED FLOOR. GREASE TRAPS SHALL NOT BE LOCATED BENEATH ANY ITEM OF FOODSERVICE EQUIPMENT & THE REMOVAL OF COVER SHALL NOT INTERFERE W/THE OPERATIONS OF ANY FOODSERVICE EQUIPMENT ITEMS.

ALL DRAIN LINES FOR DISPOSERS SHALL BY-PASS GREASE TRAPS.

HOT WATER TEMPERATURE TO BOOSTER HEATER, DISHMACHINE & GLASSWASHER MUST BE 110F. HOT WATER LINE FROM BOOSTER HEATER TO GLASSWASHER/DISHMACHINE SHALL BE PROVIDED W/WATER HAMMER ARRESTOR (ASSE-1010 STD) @ CONNECTION TO DISHWASHER & SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

DRAIN LINES FROM EVAPORATOR COILS (QUICK-FALL TYPE) SHALL BE TRAPPED OUTSIDE OF WALK-IN FREEZER/COOLER ASSEMBLIES & EXTENDED OVER BUILDING DRAIN BY PLUMBING CONTRACTOR. ALL PENETRATIONS IN WALK-IN FREEZER/COOLER ASSEMBLIES SHALL BE MADE BY KITCHEN EQUIPMENT CONTRACTOR. REFER TO EVAPORATOR COIL DETAIL.

TRENCH-TYPE DRAIN TROUGH SHALL BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR TO THE G.C. FOR INSTALLATION. PLUMBING CONTRACTOR SHALL PROVIDE DRAIN CONNECTIONS AS SHOWN ON DETAILS.

GAS MAIN SHALL BE PROVIDED W/A READILY ACCESSIBLE MANUAL SHUT-OFF VALVE BY PLUMBING CONTRACTOR. LOCATION OF VALVE TO BE COORDINATED W/FOODSERVICE CONSULTANT. A LOOPED GAS SERVICE IS RECOMMENDED TO PROVIDE FOR BALANCED FUEL DISTRIBUTION. SIZE OF GAS LINE TO BE DETERMINED BY ARCHITECT/ENGINEER. SEE PLUMBING SCHEDULE FOR BTU/HOUR REQUIREMENTS.

PLUMBING CONTRACTOR SHALL PROVIDE MANUAL GAS SHUT-OFF DEVICES @ EACH INDIVIDUAL PIECE OF EQUIPMENT NOT BATTERED TOGETHER. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. GAS PRESSURE REDUCING VALVES REQUIRED FOR EACH INDIVIDUAL PIECE OF COOKING EQUIPMENT SHALL BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR FOR INSTALLATION BY PLUMBING CONTRACTOR.

FOR VENTILATION FIRE SUPPRESSION SYSTEM W/GAS HEATED COOKING EQUIPMENT, PLUMBING CONTRACTOR SHALL INSTALL MECHANICAL FUEL SHUT-OFF VALVE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR IN GAS LINES SERVING COOKING EQUIPMENT. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE REMOTE MANUAL PULL STATION, & MICRO-SWITCH. GAS SHUT-OFF VALVE SHALL BE MECHANICALLY ACTIVATED IN CASE OF FIRE BY MECHANICAL/PNEUMATIC MECHANISM. ANY & ALL ELECTRICAL INTERCONNECTING REQUIRED FOR FAN CONTROL &/OR ALARM SYSTEMS SHALL BE BY ELECTRICAL CONTRACTOR.

DISPOSER &/OR WASTE PULPER DRAIN LINES SHALL BE PROVIDED W/ADEQUATE CLEANOUT FITTINGS.

INTERPIPING BETWEEN DISPOSER SOLENOID VALVE, DISPOSER & TROUGH &/OR SINK INLETS SHALL BE PROVIDED BY PLUMBING CONTRACTOR. SEE DETAILS FOR ADDITIONAL INFORMATION.

PLUMBING CONTRACTOR SHALL FURNISH & INSTALL ALL BELOW GRADE 6" BEVERAGE CONDUITS AS INDICATED W/24" MINIMUM SWEEPING BENDS, CUT OFF CONDUIT 6" A.F.F. & CAP OFF CONDUIT MUST BE WATER TIGHT & MATERIAL MUST MEET ALL LOCAL & STATE CODES.

## PLUMBING SYMBOLS

| | | |
|---|---|---|
| COLD WATER | CW | ● |
| HOT WATER | HW | ● |
| COOLING TOWER WATER | CTW | ● |
| COOLING TOWER WATER RETURN | CTWR | ● |
| WASTE | W | ◎ |
| INDIRECT WASTE | IW | ◔ |
| HUB DRAIN/AIR GAP DRAIN | HD/AGD | ○ |
| FLOOR DRAIN | FD | ▣ |
| FUNNEL-TYPE FLOOR DRAIN | FFD | ▣ |
| FLOOR SINK - 1/2 GRATE | FS | ▦ |
| STEAM SUPPLY | SS | ⊘ |
| CONDENSATE RETURN | CR | ◎ |
| GAS SUPPLY | G | ⊕ |
| POINT OF CONNECTION | | ◠ |


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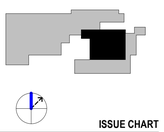
PHASE 1 PERMIT SET 04/24/2025

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MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

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Job Number 24127

TITLE

**PHASE 1 (AREA - A) PLUMBING PLAN AND SCHEDULE**

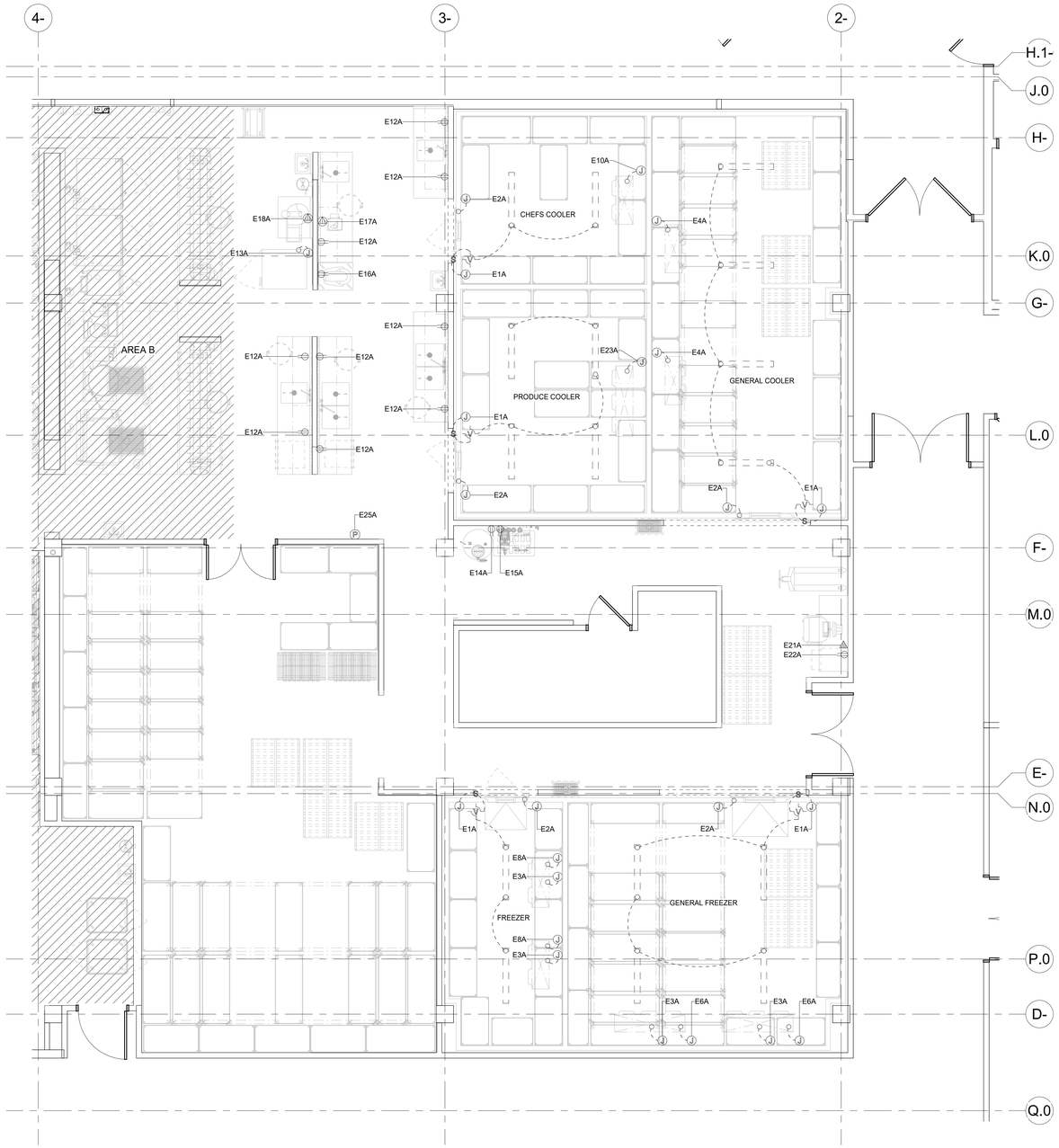
SHEET NUMBER

**FS01-A.2**


4/18/2025 2:45:05 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-A-R25.rvt

# PHASE 1 (AREA - A) ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E1A | JUNCT. BOX | LIGHTS | A7 | - | - | 5.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E2A | JUNCT. BOX | DOOR HEATER / ALARM | A7 | - | - | 5.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E3A | JUNCT. BOX | HEAT TAPE | A16 / A22 | - | - | 15.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E4A | JUNCT. BOX | BLOWER COIL (GENERAL COOLER) | A8 | - | - | 20.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E5A | JUNCT. BOX | CONDENSING UNIT (GENERAL COOLER) | A9 | - | - | 25.0 | 208 | 3 | ROOF | ROOF | E.C. TO BRANCH TO CONNECTION AS REQUIRED SEE FS04-A.1 |
| E6A | JUNCT. BOX | BLOWER COIL (GENERAL FREEZER) | A16 | - | - | 20.0 | 208 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E7A | JUNCT. BOX | CONDENSING UNT (GENERAL FREEZER) | A9 | - | - | 60.0 | 208 | 3 | ROOF | ROOF | E.C. TO BRANCH TO CONNECTION AS REQUIRED SEE FS04-A.1 |
| E8A | JUNCT. BOX | BLOWER COIL (FREEZER) | A22 | - | - | 20.0 | 208 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E9A | JUNCT. BOX | CONDENSING UNT (FREEZER) | A23 | - | - | 30.0 | 208 | 3 | ROOF | ROOF | E.C. TO BRANCH TO CONNECTION AS REQUIRED SEE FS04-A.1 |
| E10A | JUNCT. BOX | BLOWER COIL (CHEFS COOLER) | A25 | - | - | 20.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E11A | JUNCT. BOX | CONDENSING UNT (CHEFS COOLER) | A26 | - | - | 20.0 | 208 | 3 | ROOF | ROOF | E.C. TO BRANCH TO CONNECTION AS REQUIRED SEE FS04-A.1 |
| E12A | DUPLEX | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | WALL | 50" | - |
| E13A | JUNCT. BOX | BLAST CHILLER | A29 | - | 4.7 | 12.0 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E14A | DUPLEX | R.O. SYSTEM WATER PROCESSOR | A40 | - | - | 6.0 | 120 | 1 | WALL | 66" | - |
| E15A | DUPLEX | R.O. SYSTEM REPRESSURIZATION PUMP | A40 | - | - | 10.0 | 120 | 1 | WALL | 24" | - |
| E16A | DUPLEX | 20 QT. MIXER | A41 | - | - | 15.0 | 120 | 1 | WALL | 24" | - |
| E17A | SINGLE | FOOD PROCESSOR | A43 | 1.2 | - | 3.8 | 208 | 3 | - | 50" | - |
| E18A | SINGLE | BUFFALO CHOPPER | A54 | - | - | 6.0 | 208 | 1 | WALL | 50" | E.C. TO VERIFY LOADS OF EXISTING RELOCATED EQUIPMENT W/ OWNER |
| E19A | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E20A | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E21A | COMMUNICATION DATA PORT | - | - | - | - | - | - | - | WALL | 18" | COORDINATE W/OWNER/OPERATOR |
| E22A | DUPLEX | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | WALL | 18" | - |
| E23A | JUNCT. BOX | BLOWER COIL (PRODUCE COOLER) | A19 | - | - | 20.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E24A | JUNCT. BOX | CONDENSING UNT (PRODUCE COOLER) | A20 | - | - | 20.0 | 208 | 3 | ROOF | ROOF | E.C. TO BRANCH TO CONNECTION AS REQUIRED SEE FS04-A.1 |
| E25A | - | EMPTY OCTAGON BOX FOR REMOTE PULL STATION | - | - | - | - | - | - | WALL | 48" | PER LOCAL CODES |




1 PHASE 1 (AREA - A) ELECTRICAL PLAN
1/4" = 1'-0"

## ELECTRICAL NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

ELECTRICAL SYSTEM IS DESIGNED FOR 120/208/3 VOLT, 3 PHASE, 60 HERTZ SYSTEM.

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILING &/OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS FOR FOODSERVICE EQUIPMENT ONLY & ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL ELECTRICAL UTILITIES (CONVENIENCE RECEPTACLES, TELEPHONE JACKS, INTERCOM JACKS, ETC.) WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ENGINEER.

ELECTRICAL PLAN SHOWS OUTLETS & CONNECTIONS W/CAPACITIES FOR ACTUAL ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWINGS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL ELECTRICAL CONNECTIONS INCLUDING WIRING FROM POINT-OF CONNECTION ON EQUIPMENT TO BUILDING ELECTRICAL SYSTEM & INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL E PROVIDED BY ELECTRICAL CONTRACTOR.

ALL ELECTRICAL MATERIALS, INCLUDING WIRE, CONDUIT, OVERLOAD PROTECTION, MAIN SWITCHES, SAFETY CUT-OUTS, FUSE BOXES, SHUNT-TRIP BREAKERS, DISCONNECT SWITCHES, & CONTROLS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

UTILITIES SHALL BE CONCEALED IN WALLS & STUBBED-OUT OF WALLS. WIRING STUBBED OUT OF FLOOR & RUN EXPOSED ON THE FACE OF THE WALL SHALL NOT BE ACCEPTABLE.

ELECTRICAL COMPONENTS, INCLUDING MAIN SWITCHES, FUSE BOXES, TERMINAL PANELS, DISCONNECT SWITCHES CONDUIT & CONNECTIONS SHALL NOT INTERFERE IN ANY WAY W/THE OPERATION OF ITEMS OF FOODSERVICE EQUIPMENT.

AMPERAGES INDICATED PER TOTAL FOR EACH UNIT & NOT IN ADDITION TO ANY HP &/OR KW RATINGS SHOWN.

WHERE CALLED FOR, KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH CORDS & PLUGS FOR INSTALLATION BY ELECTRICAL CONTRACTOR. NEMA NUMBERS SHOWN INDICATE THE CONFIGURATION TO BE PROVIDED FOR THE EQUIPMENT. ANY DIRECT CONNECTIONS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

ALL LIGHT FIXTURES IN FOOD STORAGE, PREPARATION, SERVICE OR DISPLAY FACILITIES, AS WELL AS UTENSIL CLEANING & STORAGE AREAS SHALL HAVE SHIELDING OVER BULBS.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE WALK-IN FREEZER/COOLER ASSEMBLIES COMPLETE W/OUTLET BOXES, DOOR HEATERS & ALL SYSTEM COMPONENTS PRE-WIRED TO A SINGLE POINT OF CONNECTION, ELECTRICAL CONTRACTOR SHALL PROVIDE INTERCONNECTION CONDUIT & WIRING & MAKE FINAL CONNECTIONS.

ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRICAL POWER TO & INTERCONNECTION BETWEEN EVAPORATOR COIL, TIME CLOCK, TEMPERATURE CONTROL DEVICE, & CONDENSING UNITS, FOR WALK-IN FREEZER/COOLER ASSEMBLIES FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

DRAIN LINE FROM FREEZER COIL SHALL BE WRAPPED W/HEAT CABLE, TAPED & INSULATED TO PREVENT FREEZING OF CONDENSATE IN THE LINE, BY ELECTRICAL CONTRACTOR.

WALK-IN FREEZER/COOLER VAPOR-PROOF LIGHT FIXTURES ARE SHIPPED LOOSE BY KITCHEN EQUIPMENT CONTRACTOR FOR FIELD INSTALLATION & INTERWIRING AS REQUIRED BY ELECTRICAL CONTRACTOR.

ALL PENETRATIONS INTO WALK-IN FREEZER/COOLERS SHALL BE MADE BY THE KITCHEN EQUIPMENT CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL SEAL ALL PENETRATIONS MADE INTO WALK-IN FREEZER/ COOLER ASSEMBLIES, REFRIGERATORS, EXHAUST VENTILATORS W/METHODS & MATERIALS AS APPROVED BY EQUIPMENT MANUFACTURER.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE EXHAUST VENTILATOR ASSEMBLIES COMPLETE W/CONTROL PANEL, WASH-DOWN PANEL, LIGHTS, & FIRE SUPPRESSION SYSTEM. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER TO & INTERCONNECTIONS BETWEEN VENTILATOR, CONTROL PANEL, WASH-DOWN PANEL, LIGHTS, EXHAUST & SUPPLY FAN, MAGNETIC STARTERS, & ALL MISCELLANEOUS COMPONENTS. SEE PLAN & VENTILATOR SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

FOR VENTILATOR FIRE SUPPRESSION SYSTEM W/ELECTRICALLY HEATED COOKING EQUIPMENT, KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE REMOTE MANUAL PULL STATION, & MICRO-SWITCH. ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL ELECTRICAL CONTACTOR &/OR SHUNT-TRIP BREAKERS & ALL INTERCONNECTION CONDUIT & WIRING FOR SHUT-OFF OF ALL ELECTRICALLY HEATED COOKING EQUIPMENT. CONTACTOR FOR SHUNT-TRIP RELAYS SHALL BE ACTIVATED IN CASE OF FIRE BY MICRO-SWITCH AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

FIRE PROTECTION SYSTEM REMOTE CABLE PULL BOX SHALL BE RECESS MOUNTED OCTAGONAL J-BOX & CENTERED @ 48" A.F.F. W/1/2" EMT CONDUIT OUT OF TOP, CONCEALED IN WALL TO 6" ABOVE FINISHED CEILING, BY ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL PROVIDE AN EMPTY CONDUIT BETWEEN WASTE PULPING UNIT & WASTE EXTRACTOR UNIT FOR LOW VOLTAGE CONTROL WIRING.

ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY CONDUIT W/J-BOXES FOR INSTALLATION OF OWNER SUPPLIED CASH REGISTER SYSTEM. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIER.

ELECTRICAL CONTRACTOR SHALL PROVIDE COMPUTER GRADE, ISOLATED GROUND ELECTRICAL SERVICE FOR ELECTRICAL CASH REGISTER EQUIPMENT. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIES.

ELECTRICAL RECEPTACLES SHALL BE INSTALLED W/THEIR LONG DIMENSIONS RUN HORIZONTALLY.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT RACEWAY SYSTEM, FOR REMOTE REFRIGERATION LINES AS INDICATED ON REFRIGERATION PLAN & DETAILS. CONDUIT SHALL HAVE 24" MINIMUM RADIUS BENDS.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT & POWER & CONTROL WIRING BETWEEN REMOTE LOW TEMPERATURE EVAPORATORS & REMOTE COMPRESSOR RACK. REFER TO DRAWINGS FOR DETAILS.

## ELECTRICAL SYMBOLS

| | | |
|---|---|---|
| SINGLE RECEPTACLE, NEMA 5-20R | SR | |
| DUPLEX RECEPTACLE, NEMA 5-15R | DR | |
| SINGLE RECEPTACLE, 208V OR 480V | SR | |
| FLOOR RECEPTACLE | FR | |
| JUNCTION BOX | JB | J |
| DROP CORD OR CONDUIT | DC | D |
| CONDUIT STUB | C | • |
| SWITCH | S | S |
| INCANDESCENT LIGHT | | |
| L.E.D. LIGHT | | |
| POINT OF CONNECTION ON EQUIPMENT | | |
| COMMUNICATIONS OUTLET | | |
| VAPOR-PROOF LIGHTS | | |
| PULL BOX-FIRE SUPRESSION | | P |
| GREASE SENSOR | GS | |

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MECHANICAL
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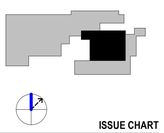

PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
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MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

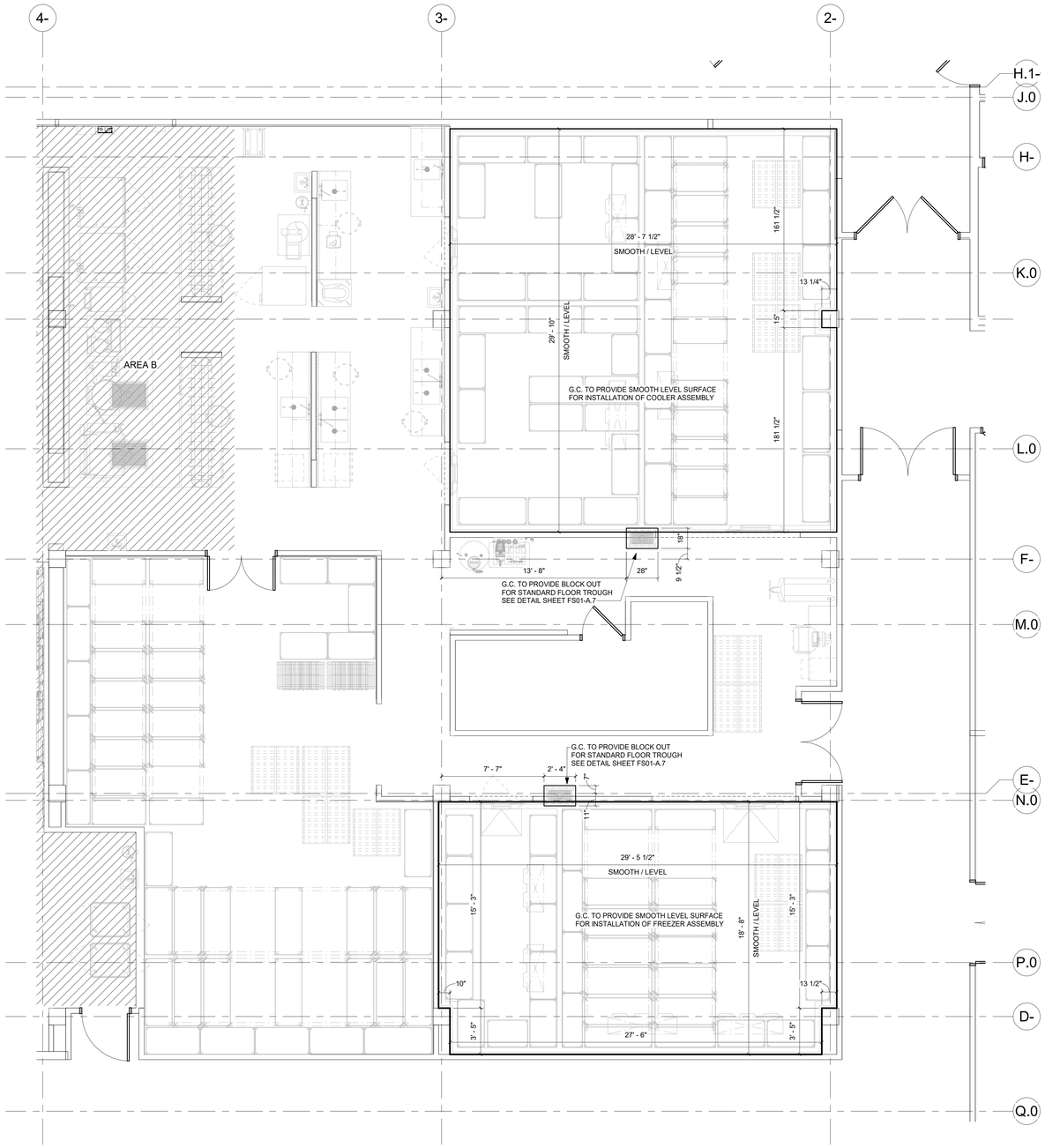
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**PHASE 1 (AREA - A) ELECTRICAL PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-A.3**


4/18/2025 2:45:07 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-A-R25.rvt




1 PHASE 1 (AREA - A) SLAB BLOCK OUT / SLAB CONDITIONS PLAN
1/4" = 1'-0"

## SLAB BLOCK OUT AND CONDITIONS NOTES

DIMENSIONS SHOWN FOR BLOCK OUTS ARE FROM CENTER LINE OF STRUCTURAL COLUMNS. DIMENSIONS FOR SMOOTH LEVEL ARE FROM WALL LOCATIONS. DIMENSIONS TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR AND ALL TRADES UTILIZING THIS PLAN

SMOOTH TRANSIENT LEVEL SURFACE REQUIRED FOR COOLER FREEZER ASSEMBLY. MANUFACTURE DOES ALLOW FOR MAXIMUM SLOPE OF 3/16" PER 10' IF TRUE LEVEL CANNOT BE ACHIEVED.

REFER TO DEATIL SHEET FOR BLOCK OUT DETAILS

## SLAB BLOCK OUT SYMBOL

BLOCKOUT


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**Hospital Kitchen**
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KEY PLAN

ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

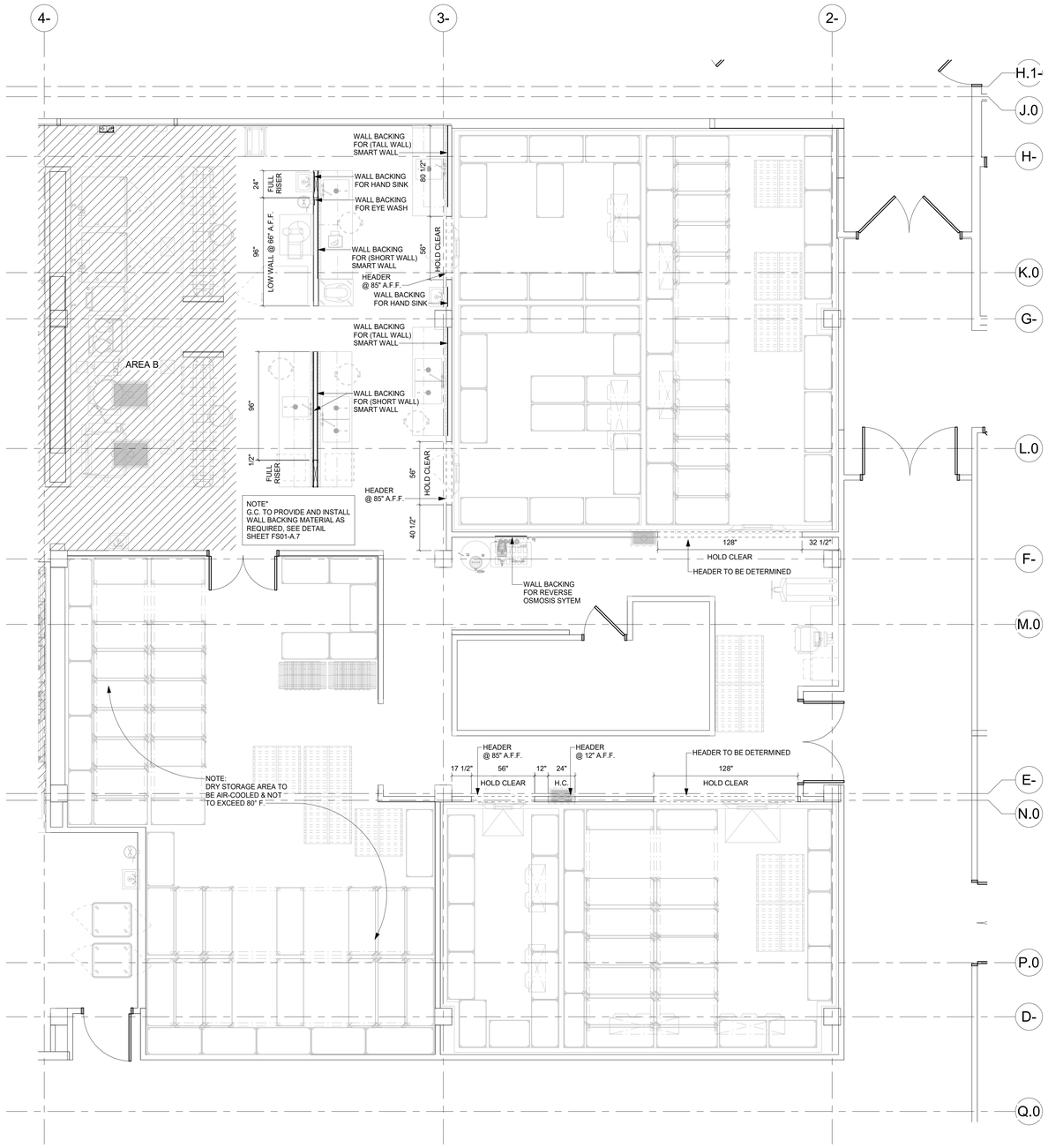
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**PHASE 1 (AREA - A)**
**SLAB BLOCK OUT /**
**SLAB CONDITIONS PLAN**

SHEET NUMBER

**FS01-A.4**


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1 PHASE 1 (AREA - A) SPECIAL CONDITIONS PLAN
1/4" = 1'-0"

## SPECIAL CONDITIONS NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILINGS &/OR FROM CENTER LINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

REFER TO ARCHITECTURAL/ENGINEERING DRAWINGS FOR ACTUAL CONSTRUCTION DIMENSIONS, LOCATION, THICKNESS & FINISH OF PARTITIONS, FURRING & FLOOR SIZES & LOCATIONS NOT INDICATED ON THE SPECIAL CONDITIONS PLAN..

CEILING SHALL BE SMOOTH, NON-ABSORBENT, WASHABLE & LIGHT COLORED, BY GENERAL CONTRACTOR.

GENERAL CONTRACTOR TO FURNISH & INSTALL ANGLE IRON TO UNDERSIDE OF BUILDING STRUCTURE ABOVE TO SUPPORT EXHAUST VENTILATOR. COORDINATE INSTALLATION W/THE KITCHEN EQUIPMENT CONTRACTOR.

DEPRESSION FOR WALK-IN FREEZER/COOLER ASSEMBLIES &/OR FLOOR TROUGHS SHALL BE SMOOTH & TRANSIT-LEVEL. REFER TO PLAN FOR SIZES, DEPTHS & ADDITIONAL INFORMATION.

CONCRETE & MASONRY BASES & CURBS SHALL BE SMOOTH & TRANSIT-LEVEL. ALL EXPOSED SURFACES SHALL BE FINISHED THE SAME AS FINISHED FLOOR. REFER TO PLAN FOR SIZES & ADDITIONAL INFORMATION.

ALL BACKING MATERIALS SUITABLE FOR WALL-MOUNTED EQUIPMENT SHALL BE PROVIDED BY GENERAL CONTRACTOR AS DETAILED.

ALL STRUCTURE SUPPORT MATERIALS & BRACING SUITABLE FOR CEILING HUNG EQUIPMENT SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. COORDINATE INSTALLATION W/THE KITCHEN EQUIPMENT CONTRACTOR.

ALL RACKS &/OR PLATFORMS FOR ROOF-MOUNTED EQUIPMENT & COMPRESSOR RACKS SHALL BE PROVIDED BY GENERAL CONTRACTOR.

ALL WALL, FLOOR &/OR ROOF SLEEVES SHALL BE PROVIDED BY GENERAL CONTRACTOR.

KITCHEN EQUIPMENT CONTRACTOR SHALL UNDER NO CONDITIONS SET-IN-PLACE OR INSTALL ANY PIECE OF EQUIPMENT PRIOR TO TILE FLOORS BEING ACID WASHED & RINSED.

WHERE QUARRY TILE FLOORS ARE EXTENDED INTO WALK-IN FREEZER/COOLER ASSEMBLIES, GENERAL CONTRACTOR SHALL PROTECT ALL EXPOSED METAL SURFACES & REMOTE DOORS PRIOR TO ACID WASHING OF FLOORS & PROVIDE POWER VENTILATION TO REMOVE FUMES.

GENERAL CONTRACTOR SHALL PROVIDE WALL OPENINGS TO ACCOMMODATE ITEMS OF PASS-THRU & CONVEYOR EQUIPMENT AS DETAILED ON PLAN. REFER TO PLAN FOR ADDITIONAL INFORMATION.

BEVERAGE SYSTEM CONDUIT SHALL BE 6" MINIMUM DIAMETER W/24" MINIMUM RADIUS EASY-SWEEP BENDS @ ALL TURNS & FLOOR PENETRATIONS. CONDUITS SHALL BE RUN BELOW FLOOR SLAB WHERE EVER POSSIBLE & SHALL BE ROUTED TO PROVIDE THE SHORTEST RUNS POSSIBLE. RUNS SHOULD NOT EXCEED 75'0" W/O PULL BOX. ALL PULL BOXES SHALL BE STAINLESS STEEL WHERE EXPOSED & SHALL BE LOCATED IN ACCESSIBLE AREAS. FOR ABOVE SLAB INSTALLATIONS OR WHERE CONDUIT PASSES THROUGH RETURN AIR PLENUMS. PROVIDE 6" EMT CONDUIT(PVC WILL NOT BE PERMITTED). CONDUIT MUST BE PROVIDED BY GENERAL CONTRACTOR.

16GA. STAINLESS STEEL CORNER GUARDS SHALL BE FURNISHED & INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR AS PER PLANS & DETAILS.

## SPECIAL CONDITIONS SYMBOLS

SLEEVE

RAISED CURB

WALL BACKING


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PHASE 1 PERMIT SET 04/24/2025

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**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

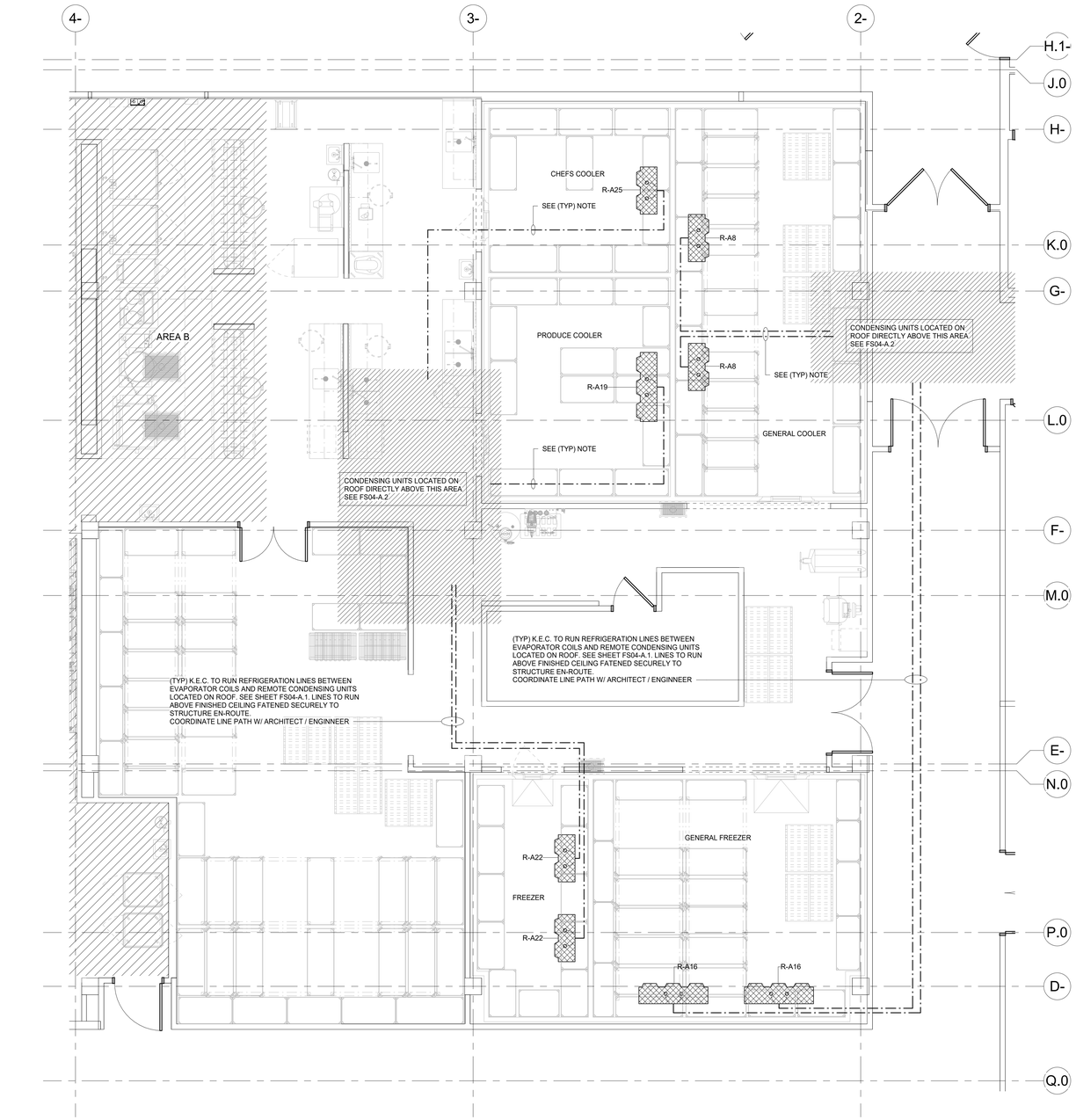
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**PHASE 1 (AREA - A) SPECIAL CONDITIONS PLAN**

SHEET NUMBER

**FS01-A.5**


4/18/2025 2:45:09 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-A-R25.rvt




1 PHASE 1 (AREA - A) REFRIGERATION PLAN
1/4" = 1'-0"

## PHASE 1 (AREA - A) REFRIGERATION CONNECTIONS SCHEDULE

| ITEM | DESCRIPTION | TEMP. RANGE | REMARKS |
|---|---|---|---|
| R-A8 | BLOWER COIL | -10° | FOR GENERAL COOLER |
| R-A16 | BLOWER COIL | -10° | FOR GENERAL FREEZER |
| R-A19 | BLOWER COIL | +35° | FOR PRODUCE COOLER |
| R-A22 | BLOWER COIL | -10° | FOR FREEZER |
| R-A25 | BLOWER COIL | +35° | FOR CHEFS COOLER |

## REFRIGERATION NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

ALL MATERIALS & INSTALLATION SHALL BE IN ACCORDANCE W/ALL LOCAL CODES & JURISDICTIONAL AUTHORITIES.

SLEEVES & CONDUIT RUNS SHOWN ON THIS PLAN ARE SCHEMATIC ONLY & FURNISHED AS A GUIDE. IT WILL BE NECESSARY TO COPE W/FIELD & CONSTRUCTION CONDITIONS. CONDUIT SYSTEM SHALL BE PROVIDED BY THE GENERAL CONTRACTOR & SHALL BE ROUTED TO PROVIDE THE SHORTEST RUNS POSSIBLE.

ALL REFRIGERATOR COPPER SHALL BE REFRIGERATION GRADE TUBING ONLY. (ALL REFRIGERATION DRAIN PIPING SHALL BE GRADE ACR OR TYPE "L" SEAMLESS). JOINTS FOR ALL HARD COPPER & SOFT COPPER TO BE SWEAT-TYPE FITTINGS. FOR STEEL TO COPPER CONNECTION USE SILVER SOLDER; COPPER TO COPPER USE SILVER BEARING ALLOY SOLDER SUCH AS EASY-FLO 45.

SUCTION LINES SHALL BE INSULATED W/APPROVED INSULATING MATERIAL. LIQUID & SUCTION LINES SHALL NOT BE CLAMPED OR SOLDERED TOGETHER DUE TO EXPANSION

MECHANICAL BENDS IN TUBING SHALL NOT BE ACCEPTABLE.

ALL SUCTION LINES WITH A VERTICAL RISE OF EIGHT FEET OR MORE SHALL HAVE A P-TRAP FOR OIL RETURN.

REFRIGERATION LINES TO WALK-IN/COOLER ASSEMBLIES SHALL BE RUN ABOVE CEILING & DROPPED @ POINT OF CONNECTION TO EVAPORATOR COIL.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE & INSTALL ALL REFRIGERATION SUCTION & LIQUID LINES FROM REMOTE CONDENSING UNITS TO UNIT EVAPORATORS, LINE HANGERS, ESCUTCHEON PLATES, VALVES, SIGHT GLASSES, PRESSURE CONTROLS, FILTER DRYERS, & HAND VALVES.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE FACTORY MOUNTED EXPANSION VALVESAND TEMPERATURE CONTROLS FOR EACH SYSTEM AS SPECIFIED.

AFTER REFRIGERANT CONNECTIONS HAVE BEEN COMPLETED. THE BALANCE OF THE SYSTEM SHALL BE LEAK TESTED W/ALL VALVES OPEN.

ALL COMPLETED REFRIGERATION SYSTEMS MUST BE EVACUATED TO 300 MICRONS OR LESS W/VACUUM PUMP.

## REFRIGERATION SYMBOLS

COMPRESSOR OR COIL

REFRIGERATION LINE & CONNECTION

REFRIGERATION LINE SLEEVE WALL OR CEILING


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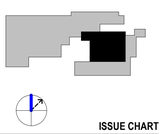
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
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KEY PLAN



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| MARK | ISSUE | DATE |
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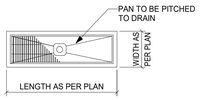
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**PHASE 1 (AREA - A) REFRIGERATION PLAN AND SCHEDULE**

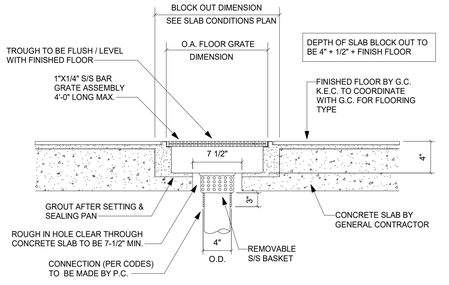
SHEET NUMBER

**FS01-A.6**


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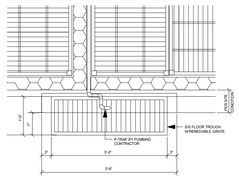



PLAN VIEW

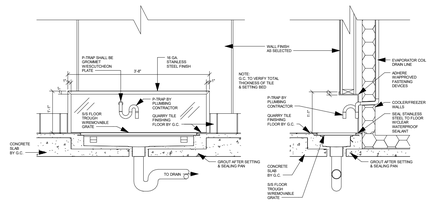



NOTE: STAINLESS STEEL FLOOR TROUGH WITH PAN AND GRATE TO BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR (K.E.C.). ASSEMBLY TO BE INSTALLED BY THE GENERAL CONTRACTOR (G.C.) AND HOOKED UP BY THE PLUMBING CONTRACTOR (P.C.) IN ACCORDANCE WITH ALL LOCAL AND STATE CODES.

STANDARD FLOOR TROUGH DETAIL

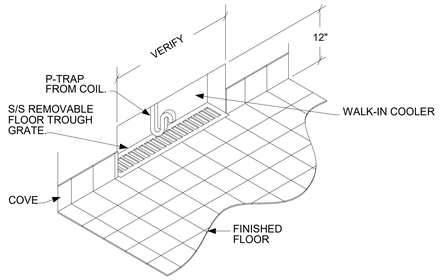



PLAN VIEW

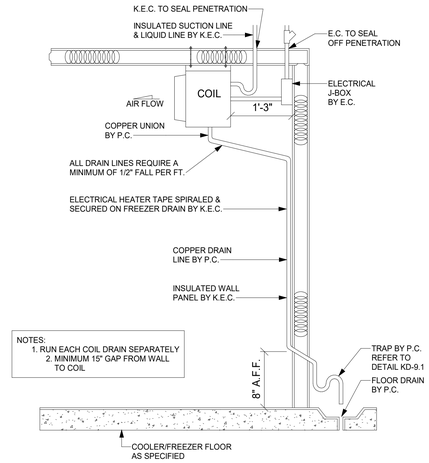



ELEVATION SECTION

COOLER/FREEZER FLOOR TROUGH DETAIL




WALL OPENING FOR FLOOR TROUGH IN WALL IN FRONT OF COOLER FREEZER




EVAPORATOR COIL INSTALLATION DETAIL




HAND SINK WALL BACKING DETAIL




(SHORT WALL) SMART WALL WALL BACKING DETAIL




(TALL WALL) SMART WALL WALL BACKING DETAIL




EYE WASH WALL BACKING DETAIL




REVERSE OSMOSIS WALL BACKING DETAIL


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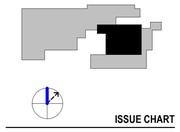
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PHASE 1 PERMIT SET 04/24/2025

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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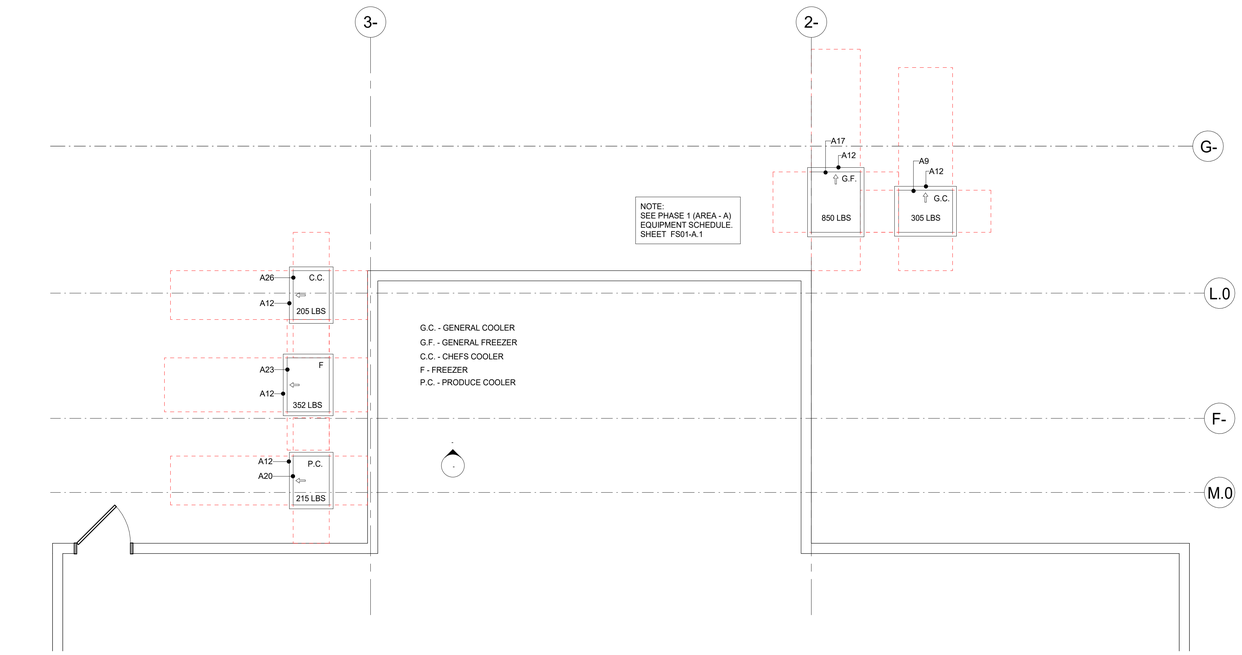
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**DETAILS AND WALL BACKING DETAILS**

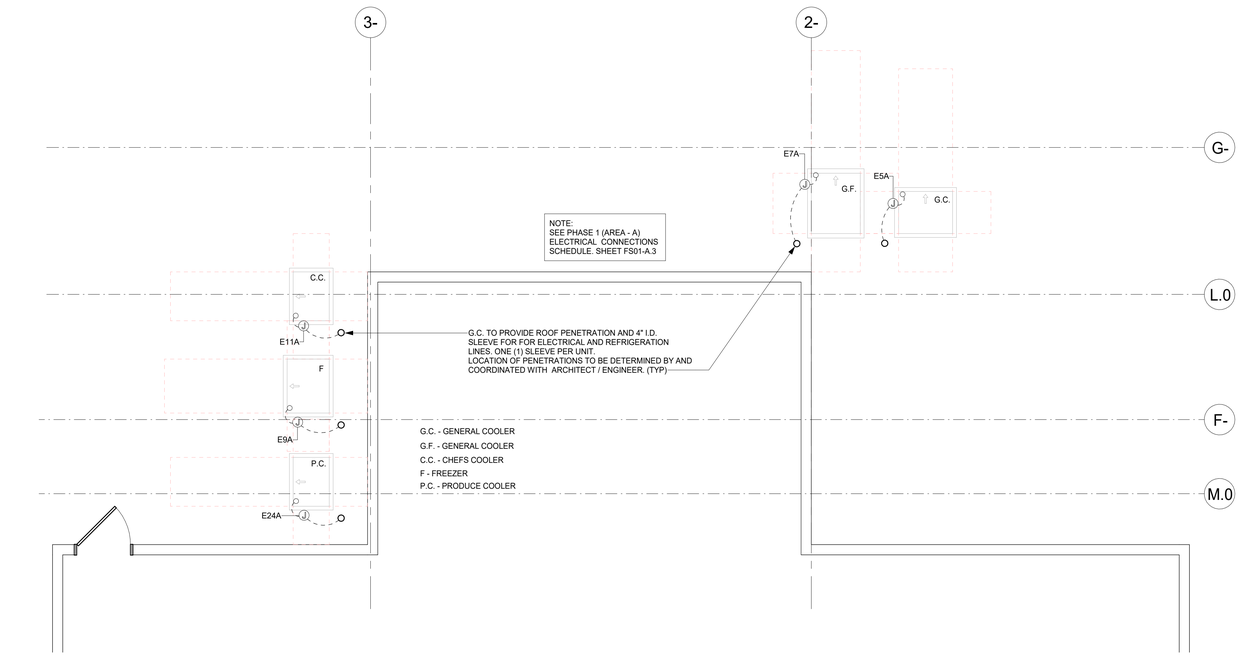
SHEET NUMBER

**FS01-A.7**

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1 ROOF PHASE A EQUIPMENT PLAN
1/4" = 1'-0"




2 PHASE 1 ROOF ELECTRICAL PLAN
1/4" = 1'-0"


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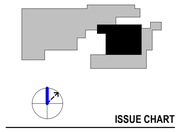
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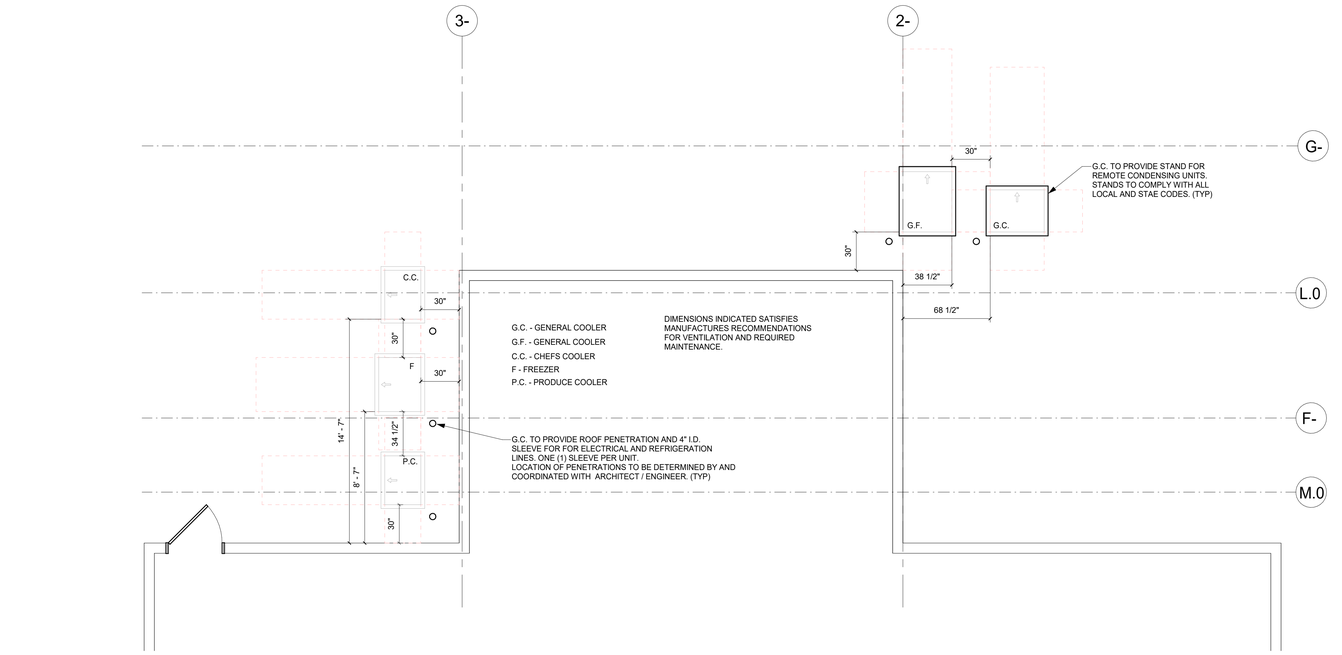
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**PHASE 1 ROOF EQUIPMENT AND ELECTRICAL PLANS**

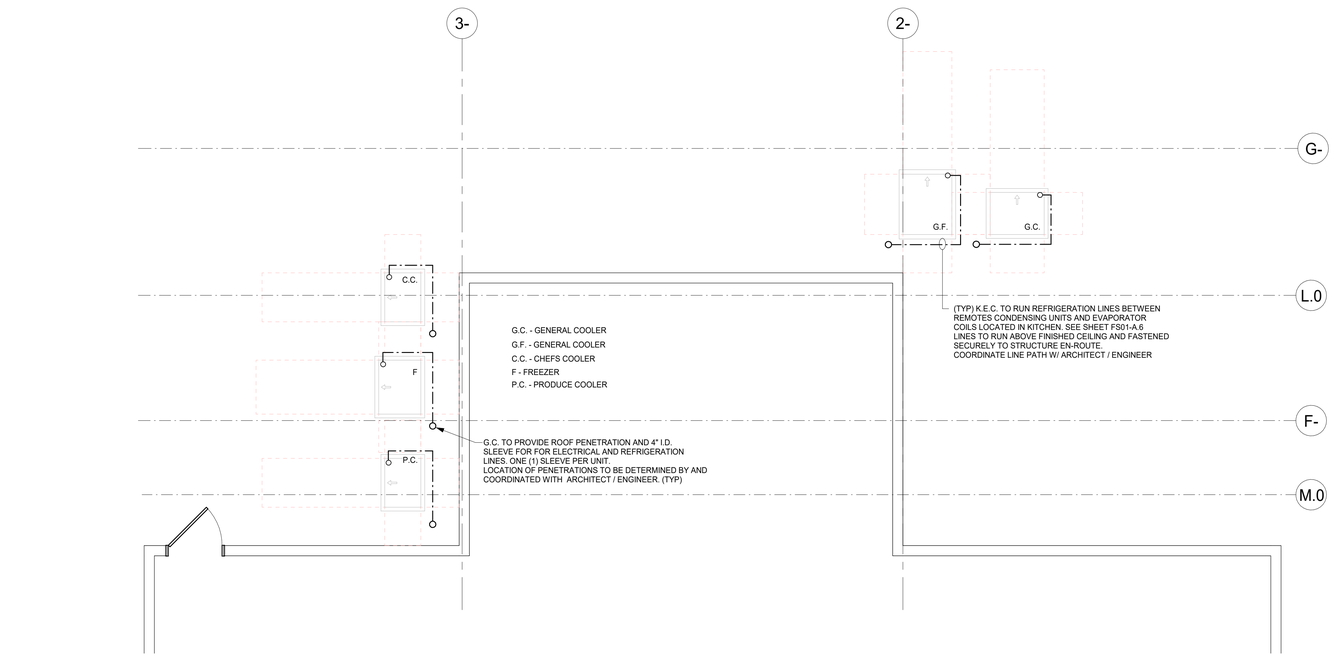
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**FS04-A.1**


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1 PHASE 1 ROOF SPECIAL CONDITIONS PLAN
1/4" = 1'-0"




2 PHASE 1 ROOF REFRIGERATION PLAN
1/4" = 1'-0"


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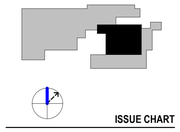
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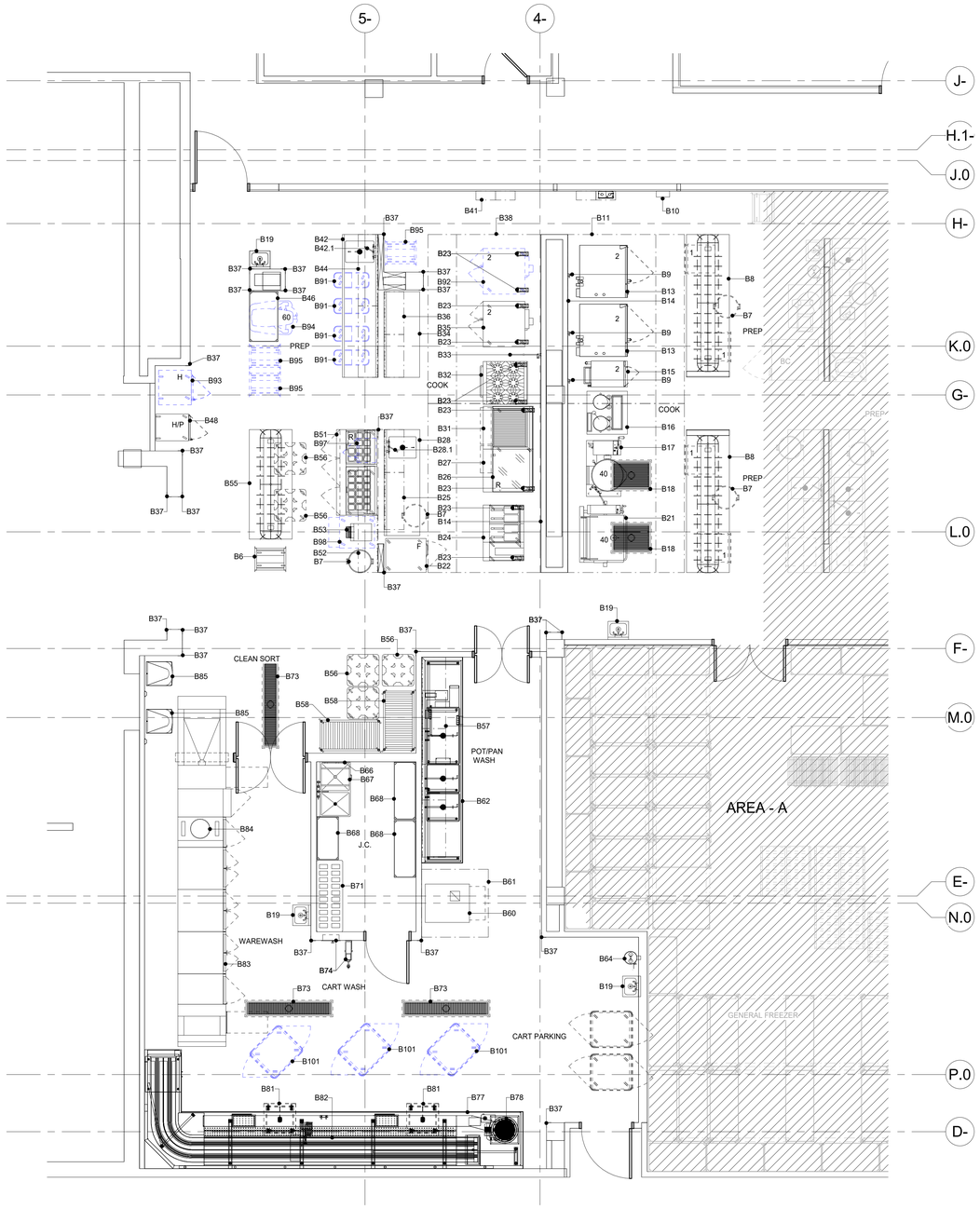
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**PHASE 1 ROOF SPECIAL CONDITIONS AND REFRIGERATION PLAN**

SHEET NUMBER

**FS04-A.2**


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1 PHASE 1 (AREA - B) FINAL EQUIPMENT PLAN
1/4" = 1'-0"

PHASE 1 (AREA - B) WILL BE COMPLETED IN TWO STEPS.

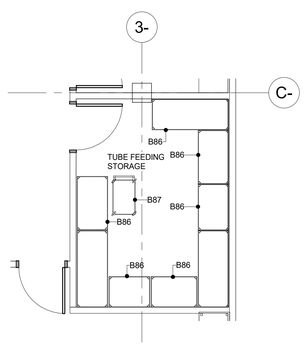
(STEP 1) THE MAJORITY OF THE EQUIPMENT WILL BE INSTALLED INCLUDING EQUIPMENT REQUIRED FOR A TEMPORARY POD / TRAY ASSEMBLY SYSTEM. REFER TO FS01-B.1.1

(STEP 2) AFTER PHASE 2 (AREA - C) EQUIPMENT IS INSTALLED AND FULLY OPERATIONAL, THE TEMPORARY POD EQUIPMENT WILL BE REMOVED. THE EQUIPMENT REQUIRED TO COMPLETE THE FINAL DESIGN FOR PHASE 1 (AREA - B) WILL THEN BE INSTALLED. REFER TO FS01-B.1.2

NOTE:
EXCEPT FOR FABRICATED PIECES, ALL EQUIPMENT USED FOR THE TEMPORARY POD / TRAY ASSEMBLY SYSTEM WILL BE RE-LOCATED AND USED IN PHASE 2 (AREA - D) REFER TO REMARKS IN THE TEMPORARY POD SCHEDULE OF EQUIPMENT ON SHEET FS01-B.1.1 AND PHASE 2 (AREA - D) SCHEDULE OF EQUIPMENT ON SHEET FS01-D.1

# PHASE 1 (AREA - B) SCHEDULE OF EQUIPMENT

| ITEM | QTY. | DESCRIPTION | MANUFACTURER | MODEL NUMBER | REMARKS |
|---|---|---|---|---|---|
| B1 | - | SPARE NUMBER | - | - | - |
| B2 | - | SPARE NUMBER | - | - | - |
| B3 | - | SPARE NUMBER | - | - | - |
| B4 | - | SPARE NUMBER | - | - | - |
| B5 | - | SPARE NUMBER | - | - | - |
| B6 | 1 | MOBILE PAN RACK | METRO | RF3N | - |
| B7 | 4 | MOBILE TRASH RECEPTACLE W/ DOLLY / LID | - | - | BY OWNER |
| B8 | 2 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B9 | 3 | DUAL COMBI OVEN CONNECTION MANIFOLD | EVERPURE | 164-89912 | - |
| B10 | 1 | M.A.R.V.E.L. CONTROL PANEL | HALTON | CUSTOM | - |
| B11 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B12 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | EXHAUST HOOD - ITEM #B11 |
| B13 | 2 | DOUBLE COMBI OVEN | ALTO-SHAAM | 7-20G PRO OVER 7-20G PRO | W /STACKING KIT |
| B14 | LOT | S/S WALL FLASHING | FABRICATOR | CUSTOM | - |
| B15 | 1 | DOUBLE STEAMER | GROEN | (2)GSSP-BL-5GS | W/ DRAIN TEMPERING KIT |
| B16 | 1 | DUAL TRUNNION KETTLE | GROEN | (2)CTDC/3-20-SG | W/ DOUBLE PANTRY FAUCET |
| B17 | 1 | 40 GAL. TILTING KETTLE | GROEN | DH-40A | W/ DOUBLE PANTRY FAUCET |
| B18 | 2 | S/S ANTI SPILL FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B19 | 4 | HAND SINK W/ SIDE SPLASHES | ADVANCE TABCO | 7-PS-66W | - |
| B20 | - | SPARE NUMBER | - | - | - |
| B21 | 1 | 40 GAL. TILTING BRAISING PAN | GROEN | BPM-40GA | W/ DOUBLE PANTRY FAUCET |
| B22 | 1 | FREEZER | CONTINENTAL | DL1FENSS | W/ CASTERS |
| B23 | (5) SETS | WHEEL POSITION DEVICE | T&S BRASS | POSI-SET | - |
| B24 | 1 | DOUBLE FRYER/FILTER ASSEMBLY | PITCO | SE14S-2FD | W/ CASTERS |
| B25 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B26 | 1 | REFRIGERATED EQUIPMENT STAND | CONTINENTAL | D72GN | W/ CASTERS / EXPANSION VALVE |
| B27 | 1 | COUNTER TOP GRIDDLE W/ THERMOSTAT | MONTAGUE | C36-8T | W/ 8" PLATE SHELF |
| B28 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| B28.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B29 | - | SPARE NUMBER | - | - | - |
| B30 | - | SPARE NUMBER | - | - | - |
| B31 | 1 | COUNTER TOP CHAR BROILER | MONTAGUE | UFLC-36R | W/ 8" PLATE SHELF |
| B32 | 1 | 6 - BURNER RANGE W/ CONVECTION OVEN | MONTAGUE | V136-5 | W/ CASTERS |
| B33 | 1 | POT FILLER | T&S BRASS | B-0594-CR | - |
| B34 | 1 | PREPARATION TABLE | FABRICATOR | CUSTOM | - |
| B35 | 1 | DOUBLE CONVECTION OVEN | MONTAGUE | HX2-63A | W/ CASTERS |
| B36 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B37 | LOT | S/S CORNER GUARD | FABRICATOR | CUSTOM | - |
| B38 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B39 | - | SPARE NUMBER | - | - | - |
| B40 | - | SPARE NUMBER | - | - | - |
| B41 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | FOR EXHAUST HOOD - ITEM #B38 |
| B42 | 1 | BAKER'S TABLE W /SINK | FABRICATOR | CUSTOM | - |
| B42.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B43 | - | SPARE NUMBER | - | - | - |
| B44 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B45 | - | SPARE NUMBER | - | - | - |
| B46 | 1 | MIXER ACCESSORY RACK | METRO | CUSTOM | - |
| B47 | - | SPARE NUMBER | - | - | - |
| B48 | 1 | MOBILE HEATER PROOFER | ALTO-SHAAM | 1000-UP/P | - |
| B49 | - | SPARE NUMBER | - | - | - |
| B50 | - | SPARE NUMBER | - | - | - |
| B51 | 1 | REFRIGERATED SANDWICH PREPARATION UNIT | CONTINENTAL | D72N30M-FB | W/ CASTERS / EXPANSION VALVE |
| B52 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B53 | 1 | CONVEYOR TOASTER | HATCO | TQ-10 | - |
| B54 | - | SPARE NUMBER | - | - | - |
| B55 | 1 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B56 | 5 | MOBILE POKER CHIP DISH DOLLY | METRO | PCD11A | - |
| B57 | 1 | SMART WALL G3 (TALL WALL) | METRO | CUSTOM | GREY |
| B58 | 2 | MOBILE POT/PAN RACK | METRO | PR48VX3 | - |
| B59 | - | SPARE NUMBER | - | - | - |
| B60 | 1 | POT WASH MACHINE W/ BOOSTER HEATER | HOBART | PW10-1 | W/ DRAIN TEMPERING KIT |
| B61 | 1 | CONDENSATE HOOD | HALTON | CUSTOM | - |
| B62 | 1 | ULTRAWASH-3 COMPARTMENT SINK | AEROWERKS | CUSTOM | - |
| B63 | - | SPARE NUMBER | - | - | - |
| B64 | 1 | EYE WASH STATION | T&S BRASS | EW-7360B-TMV | W/ THERMOSTATIC MIXING VALVE |
| B65 | - | SPARE NUMBER | - | - | - |
| B66 | 1 | MOP/BROOM RACK | ADVANCE TABCO | K242 | - |
| B67 | 1 | MOP SINK/CAN WASH | IMC TEDDY | DL-20-1 | - |
| B68 | LOT | CHEMICAL STORAGE SHELVING | METRO | MAX Q | - |
| B69 | - | SPARE NUMBER | - | - | - |
| B70 | - | SPARE NUMBER | - | - | - |
| B71 | 1 | DUNNAGE RACK | METRO | BOW TIE | - |
| B72 | - | SPARE NUMBER | - | - | - |
| B73 | 3 | S/S STANDARD FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B74 | 1 | WALL MOUNTED HOSE REEL W/ MIXING CABINET | T&S BRASS | B-2339 | - |
| B75 | - | SPARE NUMBER | - | - | - |
| B76 | - | SPARE NUMBER | - | - | - |
| B77 | 1 | SOILED DISH TABLE W/ TROUGH / CONVEYOR | AEROWERKS | CUSTOM | - |
| B78 | 1 | TROUGH COLLECTOR | AEROWERKS | WCRT | - |
| B79 | - | SPARE NUMBER | - | - | - |
| B80 | - | SPARE NUMBER | - | - | - |
| B81 | 2 | MOBILE SOAK SINK | AEROWERKS | CUSTOM | - |
| B82 | 1 | RACK SHELF W/ STORAGE | AEROWERKS | CUSTOM | - |
| B83 | 1 | FLIGHT-TYPE DISH MACHINE W/ BOOSTER HEATER | HOBART | FT1023e-ASRERBD L-R | W/ DRAIN TEMPERING KIT |
| B84 | 1 | EXHAUST DUCT | FABRICATOR | CUSTOM | - |
| B85 | 2 | WATER SOFTENER | HOBART | WS-80 | - |
| B86 | LOT | TUBE FEEDING STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| B87 | 1 | MOBILE UTILITY CART | METRO | MY1627-34 | - |
| B88 | - | SPARE NUMBER | - | - | - |
| B89 | - | SPARE NUMBER | - | - | - |
| B90 | - | SPARE NUMBER | - | - | - |
| B91 | 4 | MOBILE INGREDIENT BIN | RUBBERMAID | - | EXISTING RE-LOCATED |
| B92 | 1 | DOUBLE CONVECTION OVEN | BLODGETT | DFG-200-ES-DBL | EXISTING / RE-LOCATED W/ CASTERS |
| B93 | 1 | MOBILE HEATED CABINET | WITTCO | 1826-13-BC-IS | EXISTING / RE-LOCATED |
| B94 | 1 | 60 QT. MIXER | HOBART | H-600T | EXISTING / RE-LOCATED |
| B95 | 3 | MOBILE PAN RACK | - | - | EXISTING / RE-LOCATED |
| B96 | - | SPARE NUMBER | - | - | - |
| B97 | 1 | MICROWAVE OVEN | AMANA | RMS10DS | EXISTING / RE-LOCATED |
| B98 | 1 | UNDER COUNTER REFRIGERATOR / FREEZER | RANDELL | FX-1UC | EXISTING / RE-LOCATED |
| B99 | - | SPARE NUMBER | - | - | - |
| B100 | - | SPARE NUMBER | - | - | - |
| B101 | LOT | PATIENT TRAY CART | DINEX | - | EXISTING / RE-LOCATED |




2 PHASE 1 (AREA - B) TUBE FEEDING STORAGE EQUIPMENT PLAN.
1/4" = 1'-0"

## GENERAL NOTES

PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT

DIMENSION SHOWN ARE DESIGN PURPOSES ONLY & ARE TO BE CONSIDERED FROM FINISHED WALLS. ALL DIMENSIONS GIVEN MUST BE FIELD VERIFIED BEFORE FINAL PLANS ARE SUBMITTED.

THESE DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTIONS W/THE WRITTEN FOODSERVICE EQUIPMENT SPECIFICATIONS AS WRITTEN BY INMAN FOODSERVICES GROUP & IN COORDINATION W/ARCHITECTURAL/ENGINEERING DRAWINGS AS AN AID TO ALL CONTRACTORS INVOLVED W/FOODSERVICE EQUIPMENT.

INDICATED MECHANICAL, ELECTRICAL & PLUMBING INFORMATION & OUTLETS HAVE BEEN LOCATED AS ACCURATELY AS CAN BE DETERMINED & ARE INTENDED TO SUIT REQUIREMENTS OF FIXTURES & EQUIPMENT AS SPECIFIED IN THIS CONTRACT DOCUMENT SET. INMAN FOODSERVICES GROUP SHALL NOT BE RESPONSIBLE FOR ANY DISCREPANCIES WHICH MAY DEVELOP BETWEEN LOCATIONS OF CONNECTIONS SHOWN & ACTUAL LOCATIONS OF CONNECTIONS OF FIXTURE FURNISHED.

CONNECTIONS SHOWN ON THESE PLANS ARE APPROXIMATE LOCATIONS ON FIXTURES, EXCEPT WHERE OTHERWISE NOTED & ALLOWANCES MUST BE MADE FOR TRAPS, VALVES, SWITCHES OR OTHER CONNECTIONS REQUIREMENTS SO AS NOT TO INTERFERE W/OPERATIONS OF ITEMS OF FOODSERVICE EQUIPMENT.

KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH THE DIMENSIONED EQUIPMENT LAYOUT PLAN & MECHANICAL, ELECTRICAL & PLUMBING ROUGH-IN DRAWINGS AS PER THE WRITTEN SPECIFICATIONS AS DETAILED UNDER 1.22 SUBMITTALS REQUIREMENTS & APPROVALS.

THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE CONNECTIONS SHOWN HEREIN & THOSE REQUIRED FOR THE ACTUAL EQUIPMENT FURNISHED AS A RESULT OF SUBSTITUTIONS OR CHANGES INITIATED BY THE KITCHEN EQUIPMENT CONTRACTOR. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY & ALL RE-ENGINEERED OR REDESIGN COST INCURRED BY SAID SUBSTITIONS OR CHANGES.

CONNECTIONS, LOADS & CONSUMPTION SHOWN ON UTILITY CONNECTIONS PLANS ARE FOR ONE UNIT. TO DETERMINE TOTAL REQUIREMENTS MULTIPLY BY NUMBER IN EQUIPMENT SPECIFICATIONS.

CONSUMPTION RATES SHOWN ON CONNECTION PLANS ARE MAXIMUM RATES ONLY. ACTUAL CONSUMPTION WILL DEPEND UPON THE TOTAL HOURS THE VARIOUS EQUIPMENT ITEMS ARE OPERATED.


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Development & Permitting Services
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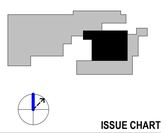
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | | 24127 |

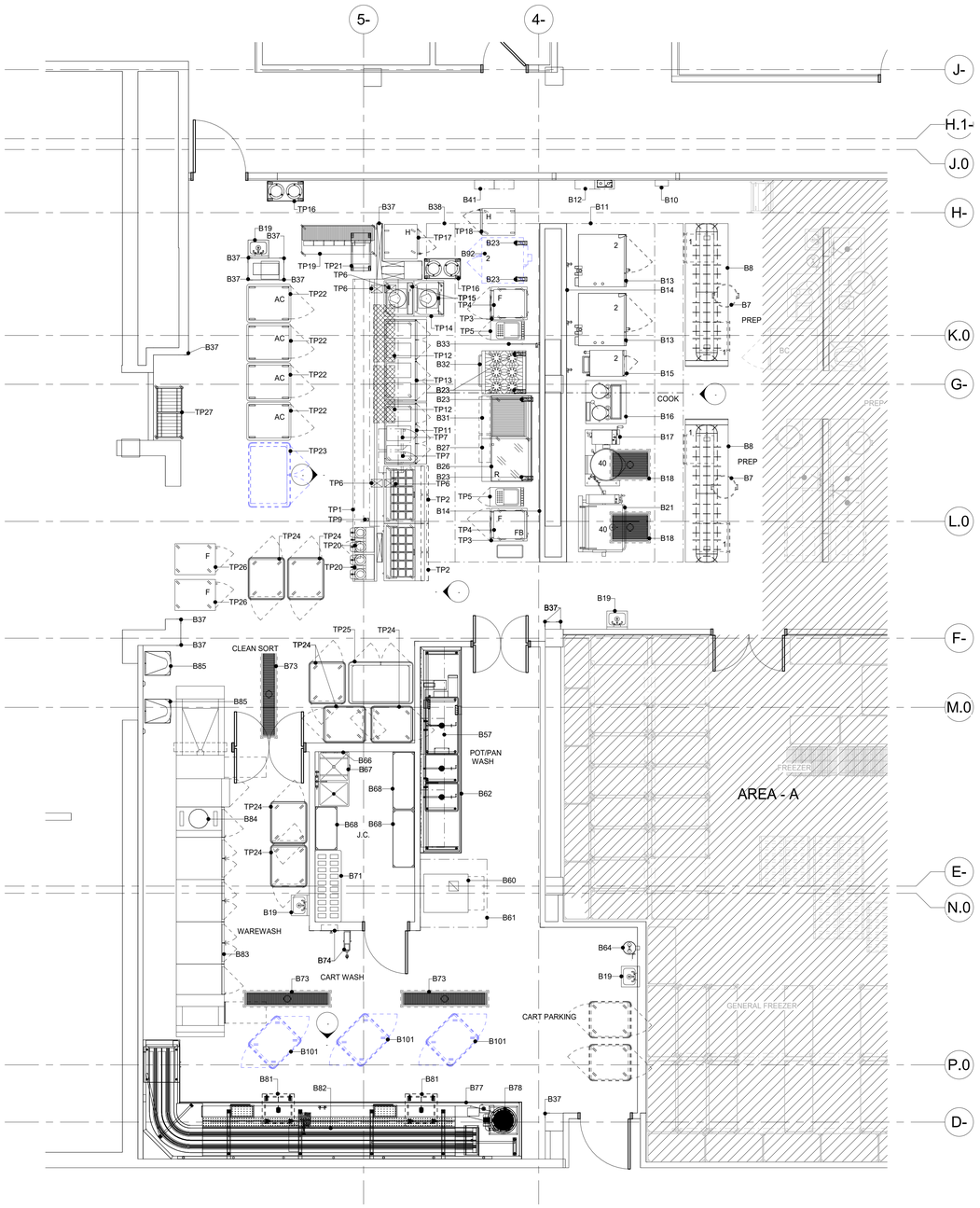
TITLE

PHASE 1 (AREA - B) FINAL EQUIPMENT PLAN AND SCHEDULE

SHEET NUMBER

FS01-B.1

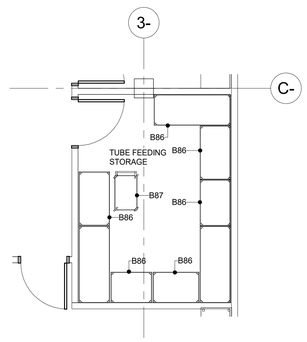
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1 PHASE 1 (AREA - B) STEP 1 EQUIPMENT PLAN
1/4" = 1'-0"

# PHASE 1 (AREA - B) SCHEDULE OF EQUIPMENT

| ITEM | QTY. | DESCRIPTION | MANUFACTURER | MODEL NUMBER | REMARKS |
|---|---|---|---|---|---|
| B1 | - | SPARE NUMBER | - | - | - |
| B2 | - | SPARE NUMBER | - | - | - |
| B3 | - | SPARE NUMBER | - | - | - |
| B4 | - | SPARE NUMBER | - | - | - |
| B5 | - | SPARE NUMBER | - | - | - |
| B6 | 1 | MOBILE PAN RACK | METRO | RF3N | - |
| B7 | 4 | MOBILE TRASH RECEPTACLE W/ DOLLY / LID | | | BY OWNER |
| B8 | 2 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B9 | 3 | DUAL COMBI OVEN CONNECTION MANIFOLD | EVERPURE | 164-89912 | - |
| B10 | 1 | M.A.R.V.E.L. CONTROL PANEL | HALTON | CUSTOM | - |
| B11 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B12 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | EXHAUST HOOD - ITEM #B11 |
| B13 | 2 | DOUBLE COMBI OVEN | ALTO-SHAAM | 7-20G PRO OVER 7-20G PRO | W /STACKING KIT |
| B14 | LOT | S/S WALL FLASHING | FABRICATOR | CUSTOM | - |
| B15 | 1 | DOUBLE STEAMER | GROEN | (2)GSSP-BL-5GS | W/ DRAIN TEMPERING KIT |
| B16 | 1 | DUAL TRUNNION KETTLE | GROEN | (2)CTDC/3-20-SG | W/ DOUBLE PANTRY FAUCET |
| B17 | 1 | 40 GAL. TILTING KETTLE | GROEN | DH-40A | W/ DOUBLE PANTRY FAUCET |
| B18 | 2 | S/S ANTI SPILL FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B19 | 4 | HAND SINK W/ SIDE SPLASHES | ADVANCE TABCO | 7-PS-66W | - |
| B20 | - | SPARE NUMBER | - | - | - |
| B21 | 1 | 40 GAL. TILTING BRAISING PAN | GROEN | BPM-40GA | W/ DOUBLE PANTRY FAUCET |
| B22 | 1 | FREEZER | CONTINENTAL | DL1FENSS | W/ CASTERS |
| B23 | (5) SETS | WHEEL POSITION DEVICE | T&S BRASS | POSI-SET | - |
| B24 | 1 | DOUBLE FRYER/FILTER ASSEMBLY | PITCO | SE14S-2FD | W/ CASTERS |
| B25 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B26 | 1 | REFRIGERATED EQUIPMENT STAND | CONTINENTAL | D72GN | W/ CASTERS / EXPANSION VALVE |
| B27 | 1 | COUNTER TOP GRIDDLE W/ THERMOSTAT | MONTAGUE | C36-8T | W/ 6" PLATE SHELF |
| B28 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| B28.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B29 | - | SPARE NUMBER | - | - | - |
| B30 | - | SPARE NUMBER | - | - | - |
| B31 | 1 | COUNTER TOP CHAR BROILER | MONTAGUE | UFLC-36R | W/ 8" PLATE SHELF |
| B32 | 1 | 6 - BURNER RANGE W/ CONVECTION OVEN | MONTAGUE | V136-5 | W/ CASTERS |
| B33 | 1 | POT FILLER | T&S BRASS | B-0594-CR | - |
| B34 | 1 | PREPARATION TABLE | FABRICATOR | CUSTOM | - |
| B35 | 1 | DOUBLE CONVECTION OVEN | MONTAGUE | HX2-63A | W/ CASTERS |
| B36 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B37 | LOT | S/S CORNER GUARD | FABRICATOR | CUSTOM | - |
| B38 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B39 | - | SPARE NUMBER | - | - | - |
| B40 | - | SPARE NUMBER | - | - | - |
| B41 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | FOR EXHAUST HOOD - ITEM #B38 |
| B42 | 1 | BAKER'S TABLE W /SINK | FABRICATOR | CUSTOM | - |
| B42.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B43 | - | SPARE NUMBER | - | - | - |
| B44 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B45 | - | SPARE NUMBER | - | - | - |
| B46 | 1 | MIXER ACCESSORY RACK | METRO | CUSTOM | - |
| B47 | - | SPARE NUMBER | - | - | - |
| B48 | 1 | MOBILE HEATER PROOFER | ALTO-SHAAM | 1000-UP/P | - |
| B49 | - | SPARE NUMBER | - | - | - |
| B50 | - | SPARE NUMBER | - | - | - |
| B51 | 1 | REFRIGERATED SANDWICH PREPARATION UNIT | CONTINENTAL | D72N30M-FB | W/ CASTERS / EXPANSION VALVE |
| B52 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B53 | 1 | CONVEYOR TOASTER | HATCO | TQ-10 | - |
| B54 | - | SPARE NUMBER | - | - | - |
| B55 | 1 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B56 | 5 | MOBILE POKER CHIP DISH DOLLY | METRO | PCD11A | - |
| B57 | 1 | SMART WALL G3 (TALL WALL) | METRO | CUSTOM | GREY |
| B58 | 2 | MOBILE POT/PAN RACK | METRO | PR48VX3 | - |
| B59 | - | SPARE NUMBER | - | - | - |
| B60 | 1 | POT WASH MACHINE W/ BOOSTER HEATER | HOBART | PW10-1 | W/ DRAIN TEMPERING KIT |
| B61 | 1 | CONDENSATE HOOD | HALTON | CUSTOM | - |
| B62 | 1 | ULTRAWASH-3 COMPARTMENT SINK | AEROWERKS | CUSTOM | - |
| B63 | - | SPARE NUMBER | - | - | - |
| B64 | 1 | EYE WASH STATION | T&S BRASS | EW-7360B-TMV | W/ THERMOSTATIC MIXING VALVE |
| B65 | - | SPARE NUMBER | - | - | - |
| B66 | 1 | MOP/BROOM RACK | ADVANCE TABCO | K242 | - |
| B67 | 1 | MOP SINK/CAN WASH | IMC TEDDY | DL-20-1 | - |
| B68 | LOT | CHEMICAL STORAGE SHELVING | METRO | MAX Q | - |
| B69 | - | SPARE NUMBER | - | - | - |
| B70 | - | SPARE NUMBER | - | - | - |
| B71 | 1 | DUNNAGE RACK | METRO | BOW TIE | - |
| B72 | - | SPARE NUMBER | - | - | - |
| B73 | 3 | S/S STANDARD FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B74 | 1 | WALL MOUNTED HOSE REEL W/ MIXING CABINET | T&S BRASS | B-2339 | - |
| B75 | - | SPARE NUMBER | - | - | - |
| B76 | - | SPARE NUMBER | - | - | - |
| B77 | 1 | SOILED DISH TABLE W/ TROUGH / CONVEYOR | AEROWERKS | CUSTOM | - |
| B78 | 1 | TROUGH COLLECTOR | AEROWERKS | WCRT | - |
| B79 | - | SPARE NUMBER | - | - | - |
| B80 | - | SPARE NUMBER | - | - | - |
| B81 | 2 | MOBILE SOAK SINK | AEROWERKS | CUSTOM | - |
| B82 | 1 | RACK SHELF W/ STORAGE | AEROWERKS | CUSTOM | - |
| B83 | 1 | FLIGHT-TYPE DISH MACHINE W/ BOOSTER HEATER | HOBART | FT1023e-ASREBD L-R | W/ DRAIN TEMPERING KIT |
| B84 | 1 | EXHAUST DUCT | FABRICATOR | CUSTOM | - |
| B85 | 2 | WATER SOFTENER | HOBART | WS-80 | - |
| B86 | LOT | TUBE FEEDING STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| B87 | 1 | MOBILE UTILITY CART | METRO | MY1627-34 | - |
| B88 | - | SPARE NUMBER | - | - | - |
| B89 | - | SPARE NUMBER | - | - | - |
| B90 | - | SPARE NUMBER | - | - | - |
| B91 | 4 | MOBILE INGREDIENT BIN | RUBBERMAID | - | EXISTING RE-LOCATED |
| B92 | 1 | DOUBLE CONVECTION OVEN | BLODGETT | DFG-200-ES-DBL | EXISTING / RE-LOCATED W/ CASTERS |
| B93 | 1 | MOBILE HEATED CABINET | WITTCO | 1826-13-BC-IS | EXISTING / RE-LOCATED |
| B94 | 1 | 60 QT. MIXER | HOBART | H-600T | EXISTING / RE-LOCATED |
| B95 | 3 | MOBILE PAN RACK | - | - | EXISTING / RE-LOCATED |
| B96 | - | SPARE NUMBER | - | - | - |
| B97 | 1 | MICROWAVE OVEN | AMANA | RMS10DS | EXISTING / RE-LOCATED |
| B98 | 1 | UNDER COUNTER REFRIGERATOR / FREEZER | RANDELL | FX-1UC | EXISTING / RE-LOCATED |
| B99 | - | SPARE NUMBER | - | - | - |
| B100 | - | SPARE NUMBER | - | - | - |
| B101 | LOT | PATIENT TRAY CART | DINEX | - | EXISTING / RE-LOCATED |




2 PHASE 1 (AREA - B) TUBE FEEDING STORAGE EQUIPMENT PLAN
1/4" = 1'-0"

# PHASE 1 (AREA - B) TEMPORARY POD SCHEDULE OF EQUIPMENT

| ITEM | QTY. | DESCRIPTION | MANUFACTURER | MODEL NUMBER | REMARKS |
|---|---|---|---|---|---|
| TP1 | 1 | SERVING COUNTER W/ DOUBLE OVER SHELF / W LOAD CENTER | FABRICATOR | CUSTOM | PIPE BASE W/ STORAGE SHELVES ON TRAY MAKE UP SIDE / TEMPORARY ITEM, WILL NOT BE RE-USED IN PHASE 2 |
| TP2 | 2 | REFRIGERATED SANDWICH PREPARATION UNIT | CONTINENTAL | D48N18M-FB-D | W/ CASTERS / RE-LOCATED AS ITEM# D24 IN PHASE 2 (AREA - D) |
| TP3 | 2 | WORKTOP FREEZER W/ S/S INTERIOR | CONTINENTAL | SWF27N | W/ CASTERS / EXPANSION VALVE / RELOCATED AS ITEM #D13 IN PHASE 2 (AREA - D) |
| TP4 | 2 | FLASH BAKE OVEN | TURBOCHEF | i3 | RE-LOCATED AS ITEM #D14 IN PHASE 2 (AREA - D) |
| TP5 | 2 | PASTA COOKER | ARCOBALENO | APCE28 | RELOCTED AS ITEM #D17 IN PHASE 2 (AREA - D) |
| TP6 | 4 | PRINTER | - | - | BY OWNER / RE-LOCATED AS ITEM #D3 IN PHASE 2 (AREA - D) |
| TP7 | 2 | MICROWAVE OVEN | SHARP | R-CD2200M | RE-LOCATED AS ITEM #D26 IN PHASE 2 (AREA - D) |
| TP8 | - | SPARE NUMBER | - | - | - |
| TP9 | 1 | SCANNER | - | - | BY OWNER |
| TP10 | - | SPARE NUMBER | - | - | - |
| TP11 | 1 | 3-WELL MOBILE HEATED CABINET | FWE | HLC-3W6-7H-21-HWR | W/ 3-1/2" CASTERS / 8" PLATE SHELF / RE-LOCATED AS ITEM #D6 IN PHASE 2 (AREA - D) |
| TP12 | 2 | HEAT LAMP | HATCO | GRAL-48D | RE-LOCATED AS ITEM #D8 IN PHASE 2 (AREA - D) |
| TP13 | 1 | 4-WELL MOBILE HEATED CABINET | FWE | HLC-4W6-7H-28-HWR | W/ 3-1/2" CASTERS / 8" PLATE SHELF / RE-LOCATED AS ITEM #D16 IN PHASE 2 (AREA - D) |
| TP14 | 1 | BI-LEVEL MOBILE BASE ACTIVATOR STAND | FABRICATOR | CUSTOM | TEMPORARY ITEM, WILL NOT BE RE-USED IN PHASE 2 |
| TP15 | 2 | BASE ACTIVATOR | ALADDIN | ADV700 | RE-LOCATED AS ITEM #D2 IN PHASE 2 (AREA - D) |
| TP16 | 2 | MOBILE HEATED DISH DISPENSER | CADDY | CM-S-302-H | RE-LOCATED AS ITEM #D5 IN PHASE 2 (AREA - D) |
| TP17 | 1 | MOBILE HEATED CABINET | WITTCO | 1826-13-BC-IS | EXISTING RE-LOCATED / RE-LOCATED AS ITEM# B93 IN PHASE 1 (AREA - B) STEP 2 |
| TP18 | 1 | MOBILE HEATER PROOFER | ALTO-SHAAM | 1000-UP/P | RE-LOCATED AS ITEM #B48 PHASE 1 (AREA - B) STEP 2 |
| TP19 | 1 | TRAY STARTER STATION | METRO | INM-STARTER 2460FS | RE-LOCATED AS ITEM #D34 IN PHASE 2 (AREA - D) |
| TP20 | 2 | COFFEE BREWER W/ URNS | - | - | BY VENDOR RE-LOCATED AS ITEM # D46 IN PHASE 2 (AREA - D) |
| TP21 | 1 | MOBILE TRAY LOWERATOR | CADDY | CM-2015-C | RE-LOCATED AS ITEM #D35 IN PHASE 2 (AREA - D) |
| TP22 | 4 | AIR-CURTAIN REFRIGERATOR | F.W.E. | ASU-10 | W/ CASTERS / RE-LOCATED AS ITEM #D37 IN PHASE 2 (AREA - D) |
| TP23 | 1 | PATIENT TRAY CART | ALADDIN | - | EXISTING RELOCATED / RE-LOCATED AS ITEM #D76 IN PHASE 2 (AREA - D) |
| TP24 | 7 | PATIENT TRAY CART | F.W.E. | ETC-1520-12p IM-*1025 | RE-LOCATED AS ITEM #D53 IN PHASE 2 (AREA - D) |
| TP25 | 1 | PATIENT TRAY CART | F.W.E. | ETC-1520-24p IM-*1025 | RE-LOCATED AS ITEM #D51 IN PHASE 2 (AREA - D) |
| TP26 | 2 | FREEZER | CONTINENTAL | D1FNSSGD | W/ CASTERS / EXPANSION VALVE / RE-LOCATED AS ITEM #D41 IN PHASE 2 (AREA - D) |
| TP27 | 1 | MOBILE BASE STORAGE RACK | ALADDIN | SR100 | RE-LOCATED AS ITEM #D38 IN PHASE 2 (AREA - D) |

NOTE: SEE REMARKS IN TEMPORARY POD SCHEDULE OF EQUIPMENT FOR ITEM RE-LOCATION TO PHASE 2 (AREA - D)

# GENERAL NOTES

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KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH THE DIMENSIONED EQUIPMENT LAYOUT PLAN & MECHANICAL, ELECTRICAL & PLUMBING ROUGH-IN DRAWINGS AS PER THE WRITTEN SPECIFICATIONS AS DETAILED UNDER 1.22 SUBMITTALS REQUIREMENTS & APPROVALS.

THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES BETWEEN THE CONNECTIONS SHOWN HEREIN & THOSE REQUIRED FOR THE ACTUAL EQUIPMENT FURNISHED AS A RESULT OF SUBSTITUTIONS OR CHANGES INITIATED BY THE KITCHEN EQUIPMENT CONTRACTOR. THE KITCHEN EQUIPMENT CONTRACTOR SHALL BE RESPONSIBLE FOR ANY & ALL RE-ENGINEERED OR REDESIGN COST INCURRED BY SAID SUBSTITIONS OR CHANGES.

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CONSUMPTION RATES SHOWN ON CONNECTION PLANS ARE MAXIMUM RATES ONLY. ACTUAL CONSUMPTION WILL DEPEND UPON THE TOTAL HOURS THE VARIOUS EQUIPMENT ITEMS ARE OPERATED.


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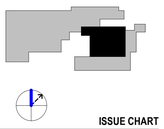
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

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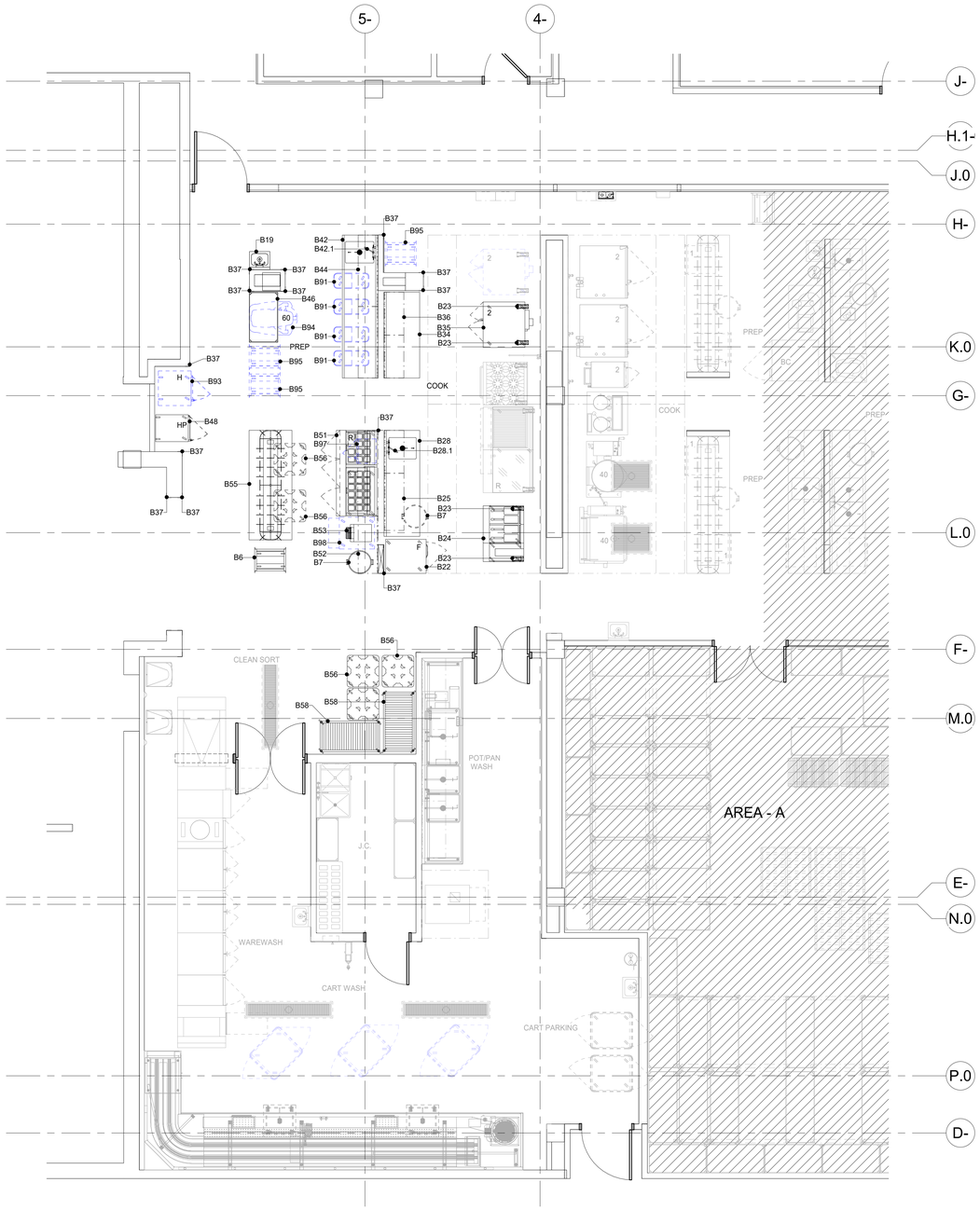
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PHASE 1 (AREA - B)
STEP 1 EQUIPMENT
PLAN AND SCHEDULE

SHEET NUMBER

FS01-B.1.1


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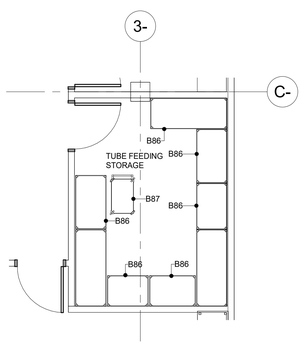



1 PHASE 1 (AREA - B) STEP 2 EQUIPMENT PLAN
1/4" = 1'-0"

NOTE:
IN THIS STEP THE TEMPORARY POD / TRAY ASSEMBLY EQUIPMENT IS REMOVED AND THE EQUIPMENT REQUIRED TO COMPLETE THE FINAL DESIGN IS INSTALLED.

# PHASE 1 (AREA - B) SCHEDULE OF EQUIPMENT

| ITEM | QTY. | DESCRIPTION | MANUFACTURER | MODEL NUMBER | REMARKS |
|---|---|---|---|---|---|
| B1 | - | SPARE NUMBER | - | - | - |
| B2 | - | SPARE NUMBER | - | - | - |
| B3 | - | SPARE NUMBER | - | - | - |
| B4 | - | SPARE NUMBER | - | - | - |
| B5 | - | SPARE NUMBER | - | - | - |
| B6 | 1 | MOBILE PAN RACK | METRO | RF3N | - |
| B7 | 4 | MOBILE TRASH RECEPTACLE W/ DOLLY / LID | - | - | BY OWNER |
| B8 | 2 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B9 | 3 | DUAL COMBI OVEN CONNECTION MANIFOLD | EVERPURE | 164-89912 | - |
| B10 | 1 | M.A.R.V.E.L. CONTROL PANEL | HALTON | CUSTOM | - |
| B11 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B12 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | EXHAUST HOOD - ITEM #B11 |
| B13 | 2 | DOUBLE COMBI OVEN | ALTO-SHAAM | 7-20G PRO OVER 7-20G PRO | W /STACKING KIT |
| B14 | LOT | S/S WALL FLASHING | FABRICATOR | CUSTOM | - |
| B15 | 1 | DOUBLE STEAMER | GROEN | (2)GSSP-BL-5GS | W/ DRAIN TEMPERING KIT |
| B16 | 1 | DUAL TRUNNION KETTLE | GROEN | (2)CTDC/3-20-SG | W/ DOUBLE PANTRY FAUCET |
| B17 | 1 | 40 GAL. TILTING KETTLE | GROEN | DH-40A | W/ DOUBLE PANTRY FAUCET |
| B18 | 2 | S/S ANTI SPILL FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B19 | 4 | HAND SINK W/ SIDE SPLASHES | ADVANCE TABCO | 7-PS-66W | - |
| B20 | - | SPARE NUMBER | - | - | - |
| B21 | 1 | 40 GAL. TILTING BRAISING PAN | GROEN | BPM-40GA | W/ DOUBLE PANTRY FAUCET |
| B22 | 1 | FREEZER | CONTINENTAL | DL1FENSS | W/ CASTERS |
| B23 | (5) SETS | WHEEL POSITION DEVICE | T&S BRASS | POSI-SET | - |
| B24 | 1 | DOUBLE FRYER/FILTER ASSEMBLY | PITCO | SE14S-2FD | W/ CASTERS |
| B25 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B26 | 1 | REFRIGERATED EQUIPMENT STAND | CONTINENTAL | D72GN | W/ CASTERS / EXPANSION VALVE |
| B27 | 1 | COUNTER TOP GRIDDLE W/ THERMOSTAT | MONTAGUE | C36-8T | W/ 8" PLATE SHELF |
| B28 | 1 | PREPARATION TABLE W/ SINK | FABRICATOR | CUSTOM | - |
| B28.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B29 | - | SPARE NUMBER | - | - | - |
| B30 | - | SPARE NUMBER | - | - | - |
| B31 | 1 | COUNTER TOP CHAR BROILER | MONTAGUE | UFLC-36R | W/ 8" PLATE SHELF |
| B32 | 1 | 6 - BURNER RANGE W/ CONVECTION OVEN | MONTAGUE | V136-5 | W/ CASTERS |
| B33 | 1 | POT FILLER | T&S BRASS | B-0594-CR | - |
| B34 | 1 | PREPARATION TABLE | FABRICATOR | CUSTOM | - |
| B35 | 1 | DOUBLE CONVECTION OVEN | MONTAGUE | HX2-63A | W/ CASTERS |
| B36 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B37 | LOT | S/S CORNER GUARD | FABRICATOR | CUSTOM | - |
| B38 | 1 | EXHAUST HOOD | HALTON | KVE | - |
| B39 | - | SPARE NUMBER | - | - | - |
| B40 | - | SPARE NUMBER | - | - | - |
| B41 | 1 | FIRE SUPPRESSION SYSTEM | ANSUL | R-102 | FOR EXHAUST HOOD - ITEM #B38 |
| B42 | 1 | BAKER'S TABLE W /SINK | FABRICATOR | CUSTOM | - |
| B42.1 | 1 | SPLASH MOUNT FAUCET | T&S BRASS | B-0231-CR-KIT MOD 060X | - |
| B43 | - | SPARE NUMBER | - | - | - |
| B44 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B45 | - | SPARE NUMBER | - | - | - |
| B46 | 1 | MIXER ACCESSORY RACK | METRO | CUSTOM | - |
| B47 | - | SPARE NUMBER | - | - | - |
| B48 | 1 | MOBILE HEATER PROOFER | ALTO-SHAAM | 1000-UP/P | - |
| B49 | - | SPARE NUMBER | - | - | - |
| B50 | - | SPARE NUMBER | - | - | - |
| B51 | 1 | REFRIGERATED SANDWICH PREPARATION UNIT | CONTINENTAL | D72N30M-FB | W/ CASTERS / EXPANSION VALVE |
| B52 | 1 | SMART WALL G3 (SHORT WALL) | METRO | CUSTOM | GREY |
| B53 | 1 | CONVEYOR TOASTER | HATCO | TQ-10 | - |
| B54 | - | SPARE NUMBER | - | - | - |
| B55 | 1 | LANDING TABLE W/ OVERSHELF | FABRICATOR | CUSTOM | W/ UTENSIL RACK / TOMBSTONE ELECTRICAL OUTLETS |
| B56 | 5 | MOBILE POKER CHIP DISH DOLLY | METRO | PCD11A | - |
| B57 | 1 | SMART WALL G3 (TALL WALL) | METRO | CUSTOM | GREY |
| B58 | 2 | MOBILE POT/PAN RACK | METRO | PR48VX3 | - |
| B59 | - | SPARE NUMBER | - | - | - |
| B60 | 1 | POT WASH MACHINE W/ BOOSTER HEATER | HOBART | PW10-1 | W/ DRAIN TEMPERING KIT |
| B61 | 1 | CONDENSATE HOOD | HALTON | CUSTOM | - |
| B62 | 1 | ULTRAWASH-3 COMPARTMENT SINK | AEROWERKS | CUSTOM | - |
| B63 | - | SPARE NUMBER | - | - | - |
| B64 | 1 | EYE WASH STATION | T&S BRASS | EW-7360B-TMV | W/ THERMOSTATIC MIXING VALVE |
| B65 | - | SPARE NUMBER | - | - | - |
| B66 | 1 | MOP/BROOM RACK | ADVANCE TABCO | K242 | - |
| B67 | 1 | MOP SINK/CAN WASH | IMC TEDDY | DL-20-1 | - |
| B68 | LOT | CHEMICAL STORAGE SHELVING | METRO | MAX Q | - |
| B69 | - | SPARE NUMBER | - | - | - |
| B70 | - | SPARE NUMBER | - | - | - |
| B71 | 1 | DUNNAGE RACK | METRO | BOW TIE | - |
| B72 | - | SPARE NUMBER | - | - | - |
| B73 | 3 | S/S STANDARD FLOOR TROUGH W/ GRATE | IMC TEDDY | CUSTOM | SIZE AS SHOWN PER PLAN |
| B74 | 1 | WALL MOUNTED HOSE REEL W/ MIXING CABINET | T&S BRASS | B-2339 | - |
| B75 | - | SPARE NUMBER | - | - | - |
| B76 | - | SPARE NUMBER | - | - | - |
| B77 | 1 | SOILED DISH TABLE W/ TROUGH / CONVEYOR | AEROWERKS | CUSTOM | - |
| B78 | 1 | TROUGH COLLECTOR | AEROWERKS | WCRT | - |
| B79 | - | SPARE NUMBER | - | - | - |
| B80 | - | SPARE NUMBER | - | - | - |
| B81 | 2 | MOBILE SOAK SINK | AEROWERKS | CUSTOM | - |
| B82 | 1 | RACK SHELF W/ STORAGE | AEROWERKS | CUSTOM | - |
| B83 | 1 | FLIGHT-TYPE DISH MACHINE W/ BOOSTER HEATER | HOBART | FT1023e-ASRERBD L-R | W/ DRAIN TEMPERING KIT |
| B84 | 1 | EXHAUST DUCT | FABRICATOR | CUSTOM | - |
| B85 | 2 | WATER SOFTENER | HOBART | WS-80 | - |
| B86 | LOT | TUBE FEEDING STORAGE SHELVING | METRO | MAX Q | W/ SOLID BOTTOM SHELF |
| B87 | 1 | MOBILE UTILITY CART | METRO | MY1627-34 | - |
| B88 | - | SPARE NUMBER | - | - | - |
| B89 | - | SPARE NUMBER | - | - | - |
| B90 | - | SPARE NUMBER | - | - | - |
| B91 | 4 | MOBILE INGREDIENT BIN | RUBBERMAID | - | EXISTING RE-LOCATED |
| B92 | 1 | DOUBLE CONVECTION OVEN | BLODGETT | DFG-200-ES-DBL | EXISTING / RE-LOCATED W/ CASTERS |
| B93 | 1 | MOBILE HEATED CABINET | WITTCO | 1826-13-BC-IS | EXISTING / RE-LOCATED |
| B94 | 1 | 60 QT. MIXER | HOBART | H-600T | EXISTING / RE-LOCATED |
| B95 | 3 | MOBILE PAN RACK | - | - | EXISTING / RE-LOCATED |
| B96 | - | SPARE NUMBER | - | - | - |
| B97 | 1 | MICROWAVE OVEN | AMANA | RMS10DS | EXISTING / RE-LOCATED |
| B98 | 1 | UNDER COUNTER REFRIGERATOR / FREEZER | RANDELL | FX-1UC | EXISTING / RE-LOCATED |
| B99 | - | SPARE NUMBER | - | - | - |
| B100 | - | SPARE NUMBER | - | - | - |
| B101 | LOT | PATIENT TRAY CART | DINEX | - | EXISTING / RE-LOCATED |




2 PHASE 1 (AREA - B) TUBE FEEDING STORAGE EQUIPMENT PLAN..
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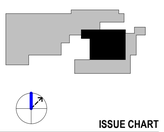
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

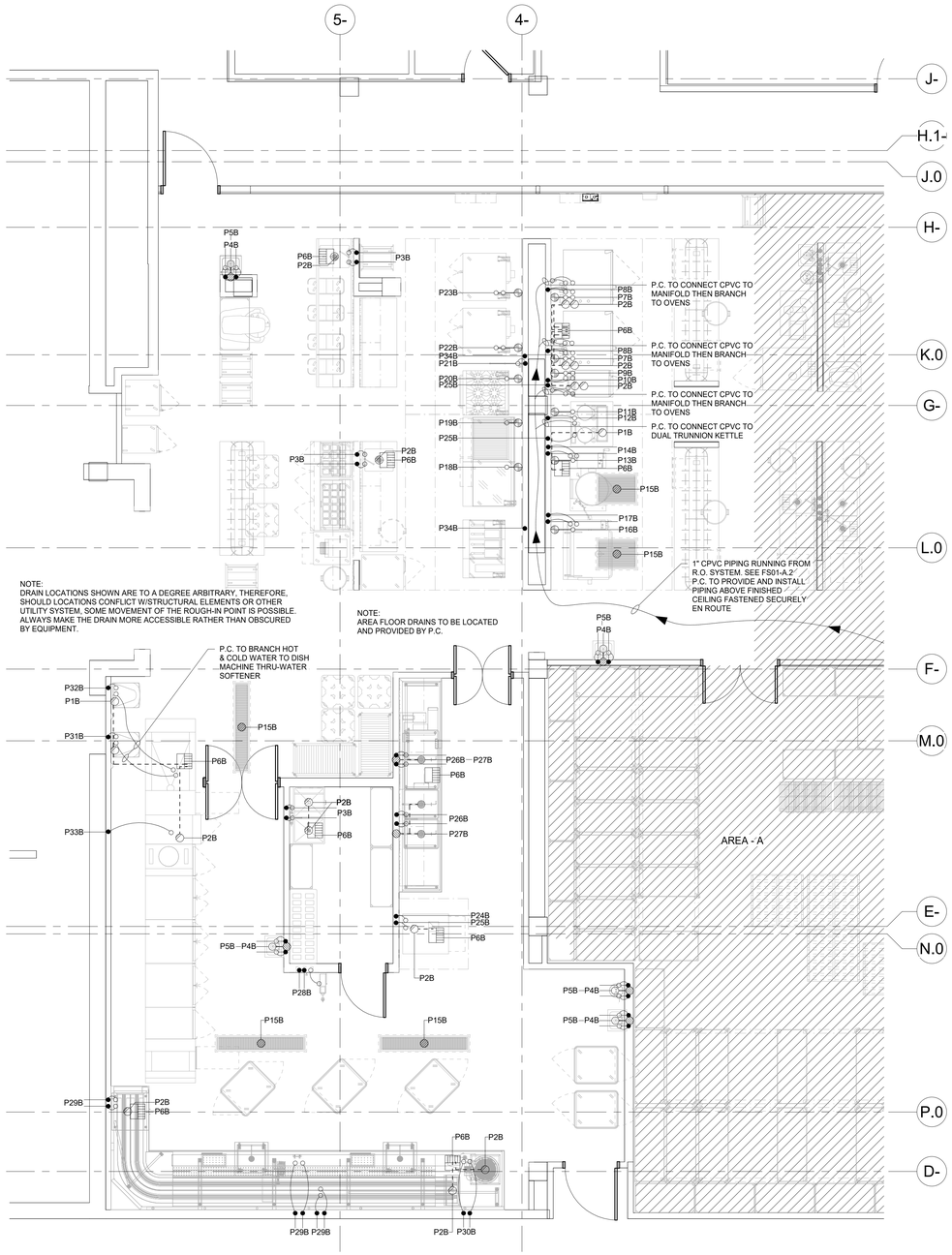
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**PHASE 1 (AREA - B) STEP 2 EQUIPMENT PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-B.1.2**


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1 PHASE 1 (AREA - B) FINAL PLUMBING PLAN
1/4" = 1'-0"

PHASE 1 (AREA - B) WILL BE COMPLETED IN TWO STEPS.

(STEP 1) ALL PLUMBING FIXTURES WILL BE INSTALLED BUT ONLY SPECIFIC EQUIPMENT (INCLUDING) TEMPORARY POD EQUIPMENT WILL BE CONNECTED. REFER TO SHEET FS01-B.2.1

(STEP 2) TEMPORARY POD EQUIPMENT WILL BE REMOVED. EQUIPMENT REQUIRED TO COMPLETE FINAL DESIGN WILL BE INSTALLED. PLUMBING CONNECTIONS TO THAT EQUIPMENT WILL THEN BE MADE, REFER TO SHEET FS01-B.2.2

## PHASE 1 (AREA - B) TEMPORARY POD PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P34B | 3/4" | COLD WATER | WALL | 18" | PASTA COOKER | TP5 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / SUPPLY TO BE CAPPED IN STEP 2 |

## PHASE 1 (AREA - B) PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P1B | 1" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P2B | 2" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P3B | 1/2" | HOT & COLD WATER | WALL | 18" | SUPPLY | | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P4B | 1/2" | HOT & COLD WATER | WALL | 20" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P5B | 1-1/2" | DIRECT WASTE | WALL | 22" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P6B | - | FLOOR SINK | - | - | - | - | - |
| P7B | 3/4" | GAS @ 98,000 B.T.U.(PER OVEN) | WALL | 18" / 36" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P8B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P9B | 1/2" | GAS @ 58,000 MIN. BTU. (PER OVEN) | WALL | 18" / 36" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P10B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P11B | 1/2" | GAS @ 120,000 B.T.U. | WALL | 18" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P12B | 1/2" | HOT WATER | WALL | 12" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P13B | 1/2" | GAS @ 100,000 B.T.U. | WALL | 18" | 40 GAL. TILTING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P14B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILTING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P15B | 4" | DIRECT WASTE | FLOOR | STUB | FLOOR TROUGH | B18 / B73 | - |
| P16B | 1/2" | GAS @ 144,000 B.T.U. | WALL | 18" | 40 GAL. TILTING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P17B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILTING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P18B | 1/2" | GAS @ 80,000 B.T.U. | WALL | 18" | COUNTER TOP GRIDDLE | B27 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P19B | 1/2" | GAS @ 114,000 B.T.U. | WALL | 18" | COUNTER TOP CHAR BROILER | B31 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P20B | 1/2" | GAS @ 220,000 B.T.U. | WALL | 18" | 6-BURNER RANGE W/ CONVECTION OVEN | B32 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P21B | 1/2" | COLD WATER | WALL | 48" | POT FILLER | B33 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P22B | 1/2" | GAS @ 63,000 B.T.U. (PER OVEN) | WALL | 18" / 36" | DOUBLE CONVECTION OVEN | B35 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P23B | 3/4" | GAS @ 50,000 B.T.U. (PER OVEN) | WALL | 18" / 36" | (EXISTING) DOUBLE CONVECTION OVEN | B92 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P24B | 1/2" | HOT WATER @ 110° MIN. | WALL | 12" | POT WASH MACHINE W/ BOOSTER HEATER | B60 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P25B | 1/2" | COLD WATER | WALL | 12" | DRAIN TEMPERING KIT | B15 / B16 / B60 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P26B | 3/4" | HOT & COLD WATER | WALL | 20" | ULTRAWASH 3 COMPARTMENT SINK | B62 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P27B | 2" | DIRECT WASTE | WALL | 6" | ULTRAWASH 3 COMPARTMENT SINK | B62 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P28B | 1/2" | HOT & COLD WATER | WALL | 60" | WALL MOUNTED HOSE REEL W/ MIXING CABINET | B74 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P29B | 1/2" | HOT & COLD WATER | WALL | 6" | SOILED DISH TABLE | B77 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P30B | 1/2" | HOT & COLD WATER | WALL | 6" | WASTE COLLECTOR | B78 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P31B | 1" | HOT WATER @110° MIN. | WALL | 6" | HIGH TEMP. DISH MACHINE W/ BOOSTER HEATER | B83 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P32B | 1" | COLD WATER | WALL | 6" | HIGH TEMP. DISH MACHINE W/ BOOSTER HEATER | B83 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
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## PLUMBING NOTES

PLEASE DISREGARDS NOTES THAT DO NOT APPLY TO THIS PROJECT

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ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS OF FOODSERVICE EQUIPMENT ONLY & ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL PLUMBING UTILITIES WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ ENGINEER.

PLUMBING PLAN SHOWS OUTLET & CONNECTIONS LOCATIONS W/CAPACITIES. FOR ACTUAL ROUGH-IN LOCATIONS, REFER TO DIMENSIONED DRAWINGS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL PLUMBING CONNECTIONS INCLUDING MOUNTING OF DRAINS, FAUCETS & PIPING FROM POINT-OF-CONNECTIONS ON EQUIPMENT TO BUILDING PLUMBING SYSTEM & INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL PROVIDE FINAL INTERCONNECTIONS BETWEEN EQUIPMENT & UTILITY DISTRIBUTION SYSTEM. QUICK DISCONNECT HOSES SHALL BE FURNISHED LOOSE BY THE KITCHEN EQUIPMENT CONTRACTOR.

ALL PLUMBING MATERIALS, INCLUDING PIPE, TRAPS, STOPS, VALVES, FITTINGS, SHUT-OFFS, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, GAUGES, UNIONS & INSULATION SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL INSTALL ALL FAUCETS & PLUMBING ACCESSORIES PROVIDED LOOSE BY KITCHEN EQUIPMENT CONTRACTOR.

UTILITIES (GAS, WATER & STEAM) SHALL BE CONCEALED IN WALLS & STUBBED-OUT OF FINISHED WALLS. 6" PIPING STUBBED OUT OF THE FLOOR OR WALL & RUN EXPOSED SHALL NOT BE ACCEPTABLE & IS IN VIOLATION OF HEALTH DEPARTMENT CODES. ALL PENETRATIONS SHALL BE SEALED & WATER TIGHT.

ALL EXPOSED PIPING SHALL BE CHROME PLATED TO SATISFY LOCAL HEALTH DEPARTMENT.

PLUMBING COMPONENTS, PROVIDED BY PLUMBING CONTRACTOR INCLUDING VALVES, TRAPS, SHUT-OFFS, GAUGES AND CONNECTIONS SHALL NOT INTERFERE IN ANY WAY W/THE OPERATION OF ITEMS OF FOODSERVICE.

WATER PRESSURE IN EQUIPMENT AREA SHOULD NOT EXCEED 50 PSI IN BOTH HOT & COLD WATER SUPPLY LINES. THE WATER PRESSURE TO DISHWASHERS, GLASSWASHERS & BOOSTER HEATERS SHOULD NOT EXCEED 25 PSI. PRESSURE REDUCING VALVES PROVIDED BY PLUMBING CONTRACTOR MUST MEET EQUIPMENT MANUFACTURER'S FLOOR RECOMMENDATIONS.

FLOOR SINKS SHALL BE INSTALLED FLUSH W/FINISHED FLOOR W/OR WITHOUT GRATE COVER AS INDICATED ON PLAN.

ALL LINES SHALL BE FLUSHED FREE OF FOREIGN MATTER & LINE STRAINERS & FAUCET AERATORS CLEANED PRIOR TO MAKE-UP OF FINAL UTILITY CONNECTIONS BY PLUMBING CONTRACTOR.

GREASE TRAPS SHALL BE PROVIDED BY PLUMBING CONTRACTOR & SHALL BE RECESS-MOUNTED, FLUSH W/TOP OF FINISHED FLOOR. GREASE TRAPS SHALL NOT BE LOCATED BENEATH ANY ITEM OF FOODSERVICE EQUIPMENT & THE REMOVAL OF COVER SHALL NOT INTERFERE W/THE OPERATIONS OF ANY FOODSERVICE EQUIPMENT ITEMS.

ALL DRAIN LINES FOR DISPOSERS SHALL BY-PASS GREASE TRAPS.

HOT WATER TEMPERATURE TO BOOSTER HEATER, DISHMACHINE & GLASSWASHER MUST BE 110F. HOT WATER LINE FROM BOOSTER HEATER TO GLASSWASHER/DISHMACHINE SHALL BE PROVIDED W/WATER HAMMER ARRESTOR (ASSE-1010 STD) @ CONNECTION TO DISHWASHER & SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

DRAIN LINES FROM EVAPORATOR COILS (QUICK-FALL TYPE) SHALL BE TRAPPED OUTSIDE OF WALK-IN FREEZER/COOLER ASSEMBLIES & EXTENDED OVER BUILDING DRAIN BY PLUMBING CONTRACTOR. ALL PENETRATIONS IN WALK-IN FREEZER/COOLER ASSEMBLIES SHALL BE MADE BY KITCHEN EQUIPMENT CONTRACTOR. REFER TO EVAPORATOR COIL DETAIL.

TRENCH-TYPE DRAIN TROUGH SHALL BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR TO THE G.C. FOR INSTALLATION. PLUMBING CONTRACTOR SHALL PROVIDE DRAIN CONNECTIONS AS SHOWN ON DETAILS.

GAS MAIN SHALL BE PROVIDED W/A READILY ACCESSIBLE MANUAL SHUT-OFF VALVE BY PLUMBING CONTRACTOR. LOCATION OF VALVE TO BE COORDINATED W/FOODSERVICE CONSULTANT. A LOOPED GAS SERVICE IS RECOMMENDED TO PROVIDE FOR BALANCED FUEL DISTRIBUTION. SIZE OF GAS LINE TO BE DETERMINED BY ARCHITECT/ENGINEER. SEE PLUMBING SCHEDULE FOR BTU/HOUR REQUIREMENTS.

PLUMBING CONTRACTOR SHALL PROVIDE MANUAL GAS SHUT-OFF DEVICES @ EACH INDIVIDUAL PIECE OF EQUIPMENT NOT BATTERED TOGETHER. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. GAS PRESSURE REDUCING VALVES REQUIRED FOR EACH INDIVIDUAL PIECE OF COOKING EQUIPMENT SHALL BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR FOR INSTALLATION BY PLUMBING CONTRACTOR.

FOR VENTILATION FIRE SUPPRESSION SYSTEM W/GAS HEATED COOKING EQUIPMENT, PLUMBING CONTRACTOR SHALL INSTALL MECHANICAL FUEL SHUT-OFF VALVE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR IN GAS LINES SERVING COOKING EQUIPMENT. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE REMOTE MANUAL PULL STATION, & MICRO-SWITCH. GAS SHUT-OFF VALVE SHALL BE MECHANICALLY ACTIVATED IN CASE OF FIRE BY MECHANICAL/PNEUMATIC MECHANISM. ANY & ALL ELECTRICAL INTERCONNECTING REQUIRED FOR FAN CONTROL &/OR ALARM SYSTEMS SHALL BE BY ELECTRICAL CONTRACTOR.

DISPOSER &/OR WASTE PULPER DRAIN LINES SHALL BE PROVIDED W/ADEQUATE CLEANOUT FITTINGS.

INTERPIPING BETWEEN DISPOSER SOLENOID VALVE, DISPOSER & TROUGH &/OR SINK INLETS SHALL BE PROVIDED BY PLUMBING CONTRACTOR. SEE DETAILS FOR ADDITIONAL INFORMATION.

PLUMBING CONTRACTOR SHALL FURNISH & INSTALL ALL BELOW GRADE 6" BEVERAGE CONDUITS AS INDICATED W/24" MINIMUM SWEEPING BENDS, CUT OFF CONDUIT 6" A.F.F. & CAP OFF CONDUIT MUST BE WATER TIGHT & MATERIAL MUST MEET ALL LOCAL & STATE CODES.

## PLUMBING SYMBOLS

| | | |
|---|---|---|
| COLD WATER | CW | ● |
| HOT WATER | HW | ● |
| COOLING TOWER WATER | CTW | ● |
| COOLING TOWER WATER RETURN | CTWR | ● |
| WASTE | W | ◎ |
| INDIRECT WASTE | IW | ◔ |
| HUB DRAIN/AIR GAP DRAIN | HD/AGD | ○ |
| FLOOR DRAIN | FD | ◎ |
| FUNNEL-TYPE FLOOR DRAIN | FFD | ◎ |
| FLOOR SINK - 1/2 GRATE | FS | ▦ |
| STEAM SUPPLY | SS | ◎ |
| CONDENSATE RETURN | CR | ◎ |
| GAS SUPPLY | G | ⊕ |
| POINT OF CONNECTION | | ◠ |


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Seattle, WA 98101

PRCTI20250548

STRUCTURAL
PCS
1011 Western Avenue, Suite 810
Seattle WA 98104

CONTRACTOR
SELLEN
227 Westlake Ave,
Seattle, WA 98109

PLUMBING
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

MECHANICAL
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104


City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

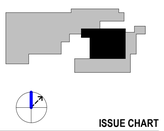
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

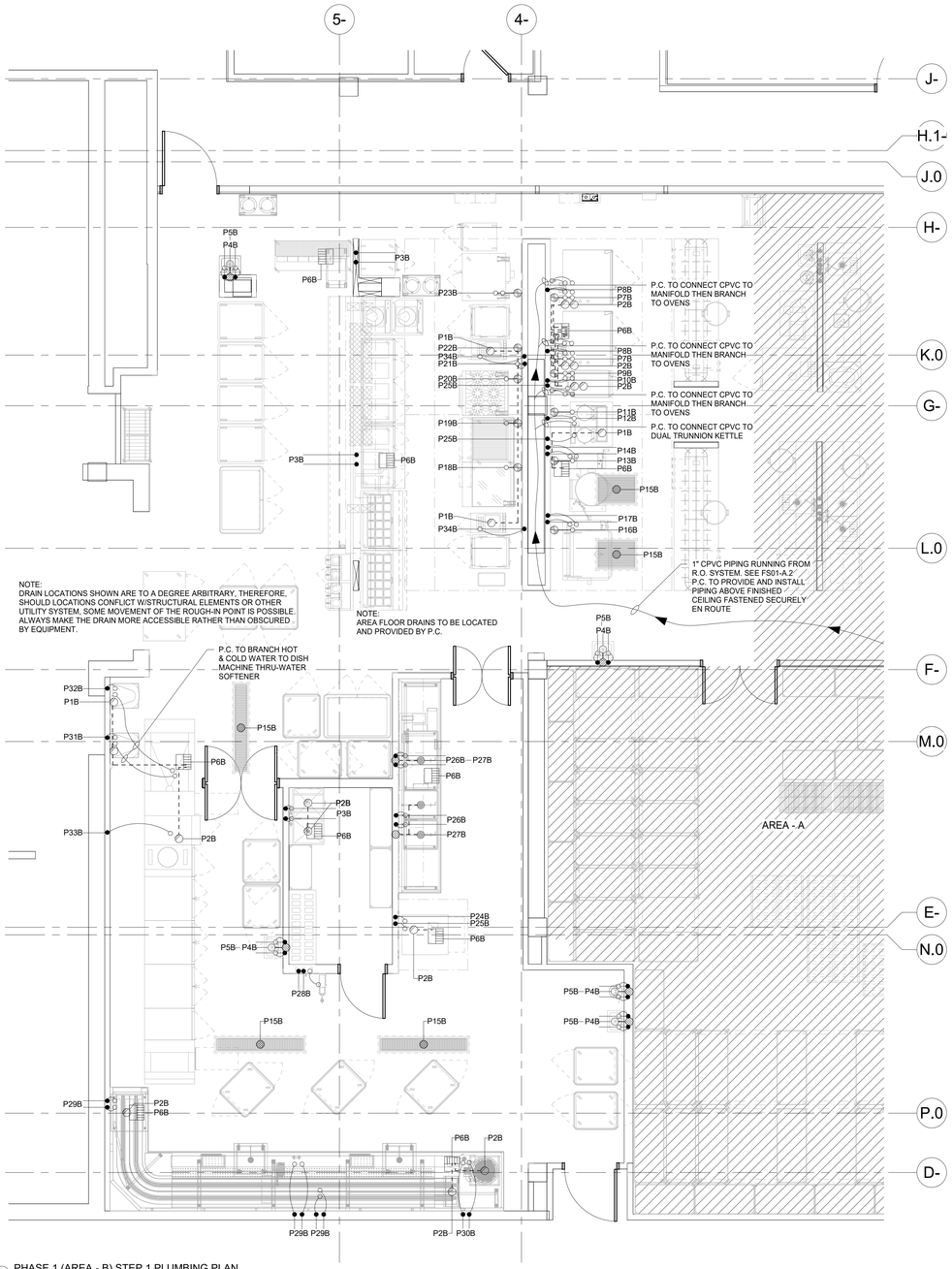
TITLE

**PHASE 1 (AREA - B) FINAL PLUMBING PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-B.2**


4/22/2025 2:04:58 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt




1 PHASE 1 (AREA - B) STEP 1 PLUMBING PLAN
1/4" = 1'-0"

## PHASE 1 (AREA - B) PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P1B | 1" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P2B | 2" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P3B | 1/2" | HOT & COLD WATER | WALL | 18" | SUPPLY | - | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P4B | 1/2" | HOT & COLD WATER | WALL | 20" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P5B | 1-1/2" | DIRECT WASTE | WALL | 22" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P6B | - | FLOOR SINK | - | - | - | - | - |
| P7B | 3/4" | GAS @ 98,000 B.T.U.(PER OVEN) | WALL | 18" / 36" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P8B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P9B | 1/2" | GAS @ 58,000 MIN. BTU. (PER OVEN) | WALL | 18" / 36" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P10B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P11B | 1/2" | GAS @ 120,000 B.T.U. | WALL | 18" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P12B | 1/2" | HOT WATER | WALL | 12" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P13B | 1/2" | GAS @ 100,000 B.T.U. | WALL | 18" | 40 GAL. TILTING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P14B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILITING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P15B | 4" | DIRECT WASTE | FLOOR | STUB | FLOOR TROUGH | B18 / B73 | - |
| P16B | 1/2" | GAS @ 144,000 B.T.U. | WALL | 18" | 40 GAL. TILTING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P17B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILITING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
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HOT WATER TEMPERATURE TO BOOSTER HEATER, DISHMACHINE & GLASSWASHER MUST BE 110F. HOT WATER LINE FROM BOOSTER HEATER TO GLASSWASHER/DISHMACHINE SHALL BE PROVIDED W/WATER HAMMER ARRESTOR (ASSE-1010 STD) @ CONNECTION TO DISHWASHER & SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

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| HOT WATER | HW | ● |
| COOLING TOWER WATER | CTW | ● |
| COOLING TOWER WATER RETURN | CTWR | ● |
| WASTE | W | ◎ |
| INDIRECT WASTE | IW | ◎ |
| HUB DRAIN/AIR GAP DRAIN | HD/AGD | ○ |
| FLOOR DRAIN | FD | ▣ |
| FUNNEL-TYPE FLOOR DRAIN | FFD | ▣ |
| FLOOR SINK - 1/2 GRATE | FS | ▦ |
| STEAM SUPPLY | SS | ◎ |
| CONDENSATE RETURN | CR | ◎ |
| GAS SUPPLY | G | ◎ |
| POINT OF CONNECTION | | ⌒ |

## PHASE 1 (AREA - B) TEMPORARY POD PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P34B | 3/4" | COLD WATER | WALL | 18" | PASTA COOKER | TP5 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / SUPPLY TO BE CAPPED IN STEP 2 |


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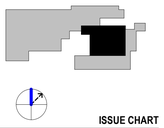
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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Job Number 24127

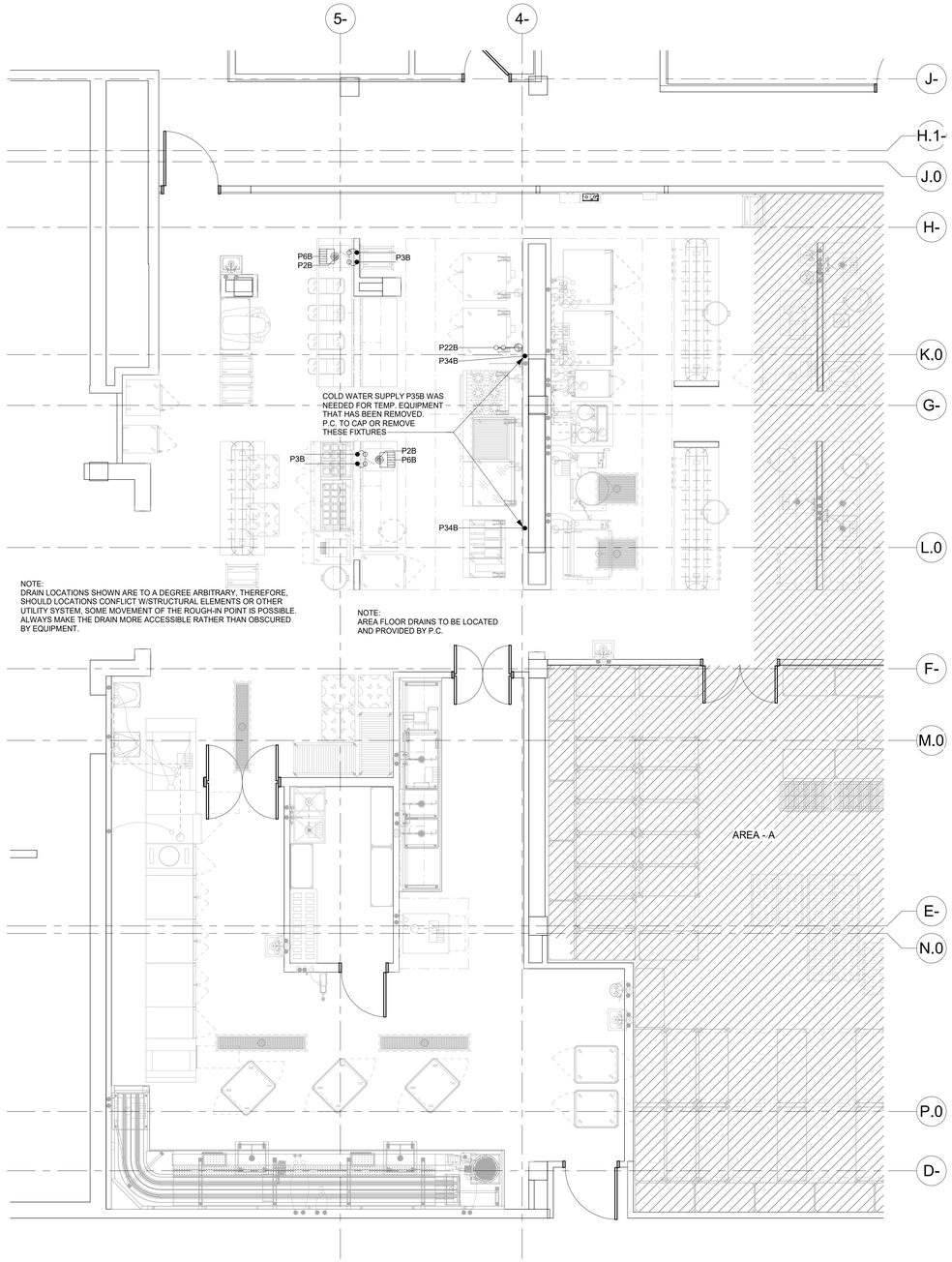
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**PHASE 1 (AREA - B) STEP 1 PLUMBING PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-B.2.1**


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1 PHASE 1 (AREA - B) STEP 2 PLUMBING PLAN
1/4" = 1'-0"

## PHASE 1 (AREA - B) PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P1B | 1" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P2B | 2" | INDIRECT WASTE | - | - | AIR GAP DRAIN | - | - |
| P3B | 1/2" | HOT & COLD WATER | WALL | 18" | SUPPLY | - | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P4B | 1/2" | HOT & COLD WATER | WALL | 20" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P5B | 1-1/2" | DIRECT WASTE | WALL | 22" | HAND SINK / EYE WASH | B19 / B64 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P6B | - | FLOOR SINK | - | - | - | - | - |
| P7B | 3/4" | GAS @ 98,000 B.T.U (PER OVEN) | WALL | 18" / 36" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P8B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE COMBI OVEN | B13 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P9B | 1/2" | GAS @ 58,000 MIN. BTU. (PER OVEN) | WALL | 18" / 36" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P10B | 1/2" | COLD WATER (2 CONNECTIONS) | WALL | 12" / 24" | DOUBLE STEAMER | B15 | P.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY 2) |
| P11B | 1/2" | GAS @ 120,000 B.T.U. | WALL | 18" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P12B | 1/2" | HOT WATER | WALL | 12" | TRUNNION KETTLE | B16 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P13B | 1/2" | GAS @ 100,000 B.T.U. | WALL | 18" | 40 GAL. TILTING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P14B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILITING KETTLE | B17 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P15B | 4" | DIRECT WASTE | FLOOR | STUB | FLOOR TROUGH | B18 / B73 | - |
| P16B | 1/2" | GAS @ 144,000 B.T.U. | WALL | 18" | 40 GAL. TILTING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P17B | 1/2" | HOT & COLD WATER | WALL | 12" | 40 GAL. TILITING BRAISING PAN | B21 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P18B | 1/2" | GAS @ 80,000 B.T.U. | WALL | 18" | COUNTER TOP GRIDDLE | B27 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P19B | 1/2" | GAS @ 114,000 B.T.U. | WALL | 18" | COUNTER TOP CHAR BROILER | B31 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P20B | 1/2" | GAS @ 220,000 B.T.U. | WALL | 18" | 6-BURNER RANGE W/ CONVECTION OVEN | B32 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT |
| P21B | 1/2" | COLD WATER | WALL | 48" | POT FILLER | B33 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P22B | 1/2" | GAS @ 63,000 B.T.U. (PER OVEN) | WALL | 18" / 36" | DOUBLE CONVECTION OVEN | B35 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P23B | 3/4" | GAS @ 50,000 B.T.U. (PER OVEN) | WALL | 18" / 36" | (EXISTING) DOUBLE CONVECTION OVEN | B92 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / PROVIDE QUICK DISCONNECT (QTY 2) |
| P24B | 1/2" | HOT WATER @ 110° MIN. | WALL | 12" | POT WASH MACHINE W/ BOOSTER HEATER | B60 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P25B | 1/2" | COLD WATER | WALL | 12" | DRAIN TEMPERING KIT | B15 / B16 / B60 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P26B | 3/4" | HOT & COLD WATER | WALL | 20" | ULTRAWASH 3 COMPARTMENT SINK | B62 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P27B | 2" | DIRECT WASTE | WALL | 6" | ULTRAWASH 3 COMPARTMENT SINK | B62 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P28B | 1/2" | HOT & COLD WATER | WALL | 60" | WALL MOUNTED HOSE REEL W/ MIXING CABINET | B74 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P29B | 1/2" | HOT & COLD WATER | WALL | 6" | SOILED DISH TABLE | B77 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P30B | 1/2" | HOT & COLD WATER | WALL | 6" | WASTE COLLECTOR | B78 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P31B | 1" | HOT WATER @110° MIN. | WALL | 6" | HIGH TEMP. DISH MACHINE W/ BOOSTER HEATER | B83 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P32B | 1" | COLD WATER | WALL | 6" | HIGH TEMP. DISH MACHINE W/ BOOSTER HEATER | B83 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |
| P33B | 1" | COLD WATER | WALL | 6" | DRAIN TEMPERING KIT | B83 | P.C. TO BRANCH TO CONNECTION AS REQUIRED |

## PLUMBING NOTES

PLEASE DISREGARDS NOTES THAT DO NOT APPLY TO THIS PROJECT

ALL DIMENSIONS ARE FROM FINISHED WALLS, FLOORS, CEILINGS &/OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS OF FOODSERVICE EQUIPMENT ONLY & ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL PLUMBING UTILITIES WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ ENGINEER.

PLUMBING PLAN SHOWS OUTLET & CONNECTIONS LOCATIONS W/CAPACITIES. FOR ACTUAL ROUGH-IN LOCATIONS, REFER TO DIMENSIONED DRAWINGS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL PLUMBING CONNECTIONS INCLUDING MOUNTING OF DRAINS, FAUCETS & PIPING FROM POINT-OF-CONNECTIONS ON EQUIPMENT TO BUILDING PLUMBING SYSTEM & INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL PROVIDE FINAL INTERCONNECTIONS BETWEEN EQUIPMENT & UTILITY DISTRIBUTION SYSTEM. QUICK DISCONNECT HOSES SHALL BE FURNISHED LOOSE BY THE KITCHEN EQUIPMENT CONTRACTOR.

ALL PLUMBING MATERIALS, INCLUDING PIPE, TRAPS, STOPS, VALVES, FITTINGS, SHUT-OFFS, WATER HAMMER ARRESTORS, PRESSURE REDUCING VALVES, GAUGES, UNIONS & INSULATION SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

PLUMBING CONTRACTOR SHALL INSTALL ALL FAUCETS & PLUMBING ACCESSORIES PROVIDED LOOSE BY KITCHEN EQUIPMENT CONTRACTOR.

UTILITIES (GAS, WATER & STEAM) SHALL BE CONCEALED IN WALLS & STUBBED-OUT OF FINISHED WALLS. 6" PIPING STUBBED OUT OF THE FLOOR OR WALL & RUN EXPOSED SHALL NOT BE ACCEPTABLE & IS IN VIOLATION OF HEALTH DEPARTMENT CODES. ALL PENETRATIONS SHALL BE SEALED & WATER TIGHT.

ALL EXPOSED PIPING SHALL BE CHROME PLATED TO SATISFY LOCAL HEALTH DEPARTMENT.

PLUMBING COMPONENTS, PROVIDED BY PLUMBING CONTRACTOR INCLUDING VALVES, TRAPS, SHUT-OFFS, GAUGES AND CONNECTIONS SHALL NOT INTERFERE IN ANY WAY W/THE OPERATION OF ITEMS OF FOODSERVICE.

WATER PRESSURE IN EQUIPMENT AREA SHOULD NOT EXCEED 50 PSI IN BOTH HOT & COLD WATER SUPPLY LINES. THE WATER PRESSURE TO DISHWASHERS, GLASSWASHERS & BOOSTER HEATERS SHOULD NOT EXCEED 25 PSI. PRESSURE REDUCING VALVES PROVIDED BY PLUMBING CONTRACTOR MUST MEET EQUIPMENT MANUFACTURER'S FLOOR RECOMMENDATIONS.

FLOOR SINKS SHALL BE INSTALLED FLUSH W/FINISHED FLOOR W/OR WITHOUT GRATE COVER AS INDICATED ON PLAN.

ALL LINES SHALL BE FLUSHED FREE OF FOREIGN MATTER & LINE STRAINERS & FAUCET AERATORS CLEANED PRIOR TO MAKE-UP OF FINAL UTILITY CONNECTIONS BY PLUMBING CONTRACTOR.

GREASE TRAPS SHALL BE PROVIDED BY PLUMBING CONTRACTOR & SHALL BE RECESS-MOUNTED, FLUSH W/TOP OF FINISHED FLOOR. GREASE TRAPS SHALL NOT BE LOCATED BENEATH ANY ITEM OF FOODSERVICE EQUIPMENT & THE REMOVAL OF COVER SHALL NOT INTERFERE W/THE OPERATIONS OF ANY FOODSERVICE EQUIPMENT ITEMS.

ALL DRAIN LINES FOR DISPOSERS SHALL BY-PASS GREASE TRAPS.

HOT WATER TEMPERATURE TO BOOSTER HEATER, DISHMACHINE & GLASSWASHER MUST BE 110F. HOT WATER LINE FROM BOOSTER HEATER TO GLASSWASHER/DISHMACHINE SHALL BE PROVIDED W/WATER HAMMER ARRESTOR (ASSE-1010 STD) @ CONNECTION TO DISHWASHER & SHALL BE PROVIDED BY PLUMBING CONTRACTOR.

DRAIN LINES FROM EVAPORATOR COILS (QUICK-FALL TYPE) SHALL BE TRAPPED OUTSIDE OF WALK-IN FREEZER/COOLER ASSEMBLIES & EXTENDED OVER BUILDING DRAIN BY PLUMBING CONTRACTOR. ALL PENETRATIONS IN WALK-IN FREEZER/COOLER ASSEMBLIES SHALL BE MADE BY KITCHEN EQUIPMENT CONTRACTOR. REFER TO EVAPORATOR COIL DETAIL.

TRENCH-TYPE DRAIN TROUGH SHALL BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR TO THE G.C. FOR INSTALLATION. PLUMBING CONTRACTOR SHALL PROVIDE DRAIN CONNECTIONS AS SHOWN ON DETAILS.

GAS MAIN SHALL BE PROVIDED W/A READILY ACCESSIBLE MANUAL SHUT-OFF VALVE BY PLUMBING CONTRACTOR. LOCATION OF VALVE TO BE COORDINATED W/FOODSERVICE CONSULTANT. A LOOPED GAS SERVICE IS RECOMMENDED TO PROVIDE FOR BALANCED FUEL DISTRIBUTION. SIZE OF GAS LINE TO BE DETERMINED BY ARCHITECT/ENGINEER. SEE PLUMBING SCHEDULE FOR BTU/HOUR REQUIREMENTS.

PLUMBING CONTRACTOR SHALL PROVIDE MANUAL GAS SHUT-OFF DEVICES @ EACH INDIVIDUAL PIECE OF EQUIPMENT NOT BATTERED TOGETHER. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. GAS PRESSURE REDUCING VALVES REQUIRED FOR EACH INDIVIDUAL PIECE OF COOKING EQUIPMENT SHALL BE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR FOR INSTALLATION BY PLUMBING CONTRACTOR.

FOR VENTILATION FIRE SUPPRESSION SYSTEM W/GAS HEATED COOKING EQUIPMENT, PLUMBING CONTRACTOR SHALL INSTALL MECHANICAL FUEL SHUT-OFF VALVE FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR IN GAS LINES SERVING COOKING EQUIPMENT. LOCATION OF FUEL SHUT-OFF VALVES TO BE COORDINATED W/FOODSERVICE CONSULTANT. KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE REMOTE MANUAL PULL STATION, & MICRO-SWITCH. GAS SHUT-OFF VALVE SHALL BE MECHANICALLY ACTIVATED IN CASE OF FIRE BY MECHANICAL/PNEUMATIC MECHANISM. ANY & ALL ELECTRICAL INTERCONNECTING REQUIRED FOR FAN CONTROL &/OR ALARM SYSTEMS SHALL BE BY ELECTRICAL CONTRACTOR.

DISPOSER &/OR WASTE PULPER DRAIN LINES SHALL BE PROVIDED W/ADEQUATE CLEANOUT FITTINGS.

INTERPIPING BETWEEN DISPOSER SOLENOID VALVE, DISPOSER & TROUGH &/OR SINK INLETS SHALL BE PROVIDED BY PLUMBING CONTRACTOR. SEE DETAILS FOR ADDITIONAL INFORMATION.

PLUMBING CONTRACTOR SHALL FURNISH & INSTALL ALL BELOW GRADE 6" BEVERAGE CONDUITS AS INDICATED W/24" MINIMUM SWEEPING BENDS, CUT OFF CONDUIT 6" A.F.F. & CAP OFF CONDUIT MUST BE WATER TIGHT & MATERIAL MUST MEET ALL LOCAL & STATE CODES.

## PLUMBING SYMBOLS

| | | |
|---|---|---|
| COLD WATER | CW | ● |
| HOT WATER | HW | ● |
| COOLING TOWER WATER | CTW | ● |
| COOLING TOWER WATER RETURN | CTWR | ● |
| WASTE | W | ◎ |
| INDIRECT WASTE | IW | ◎ |
| HUB DRAIN/AIR GAP DRAIN | HD/AGD | ○ |
| FLOOR DRAIN | FD | ◎ |
| FUNNEL-TYPE FLOOR DRAIN | FFD | ◎ |
| FLOOR SINK - 1/2 GRATE | FS | ▦ |
| STEAM SUPPLY | SS | ◎ |
| CONDENSATE RETURN | CR | ◎ |
| GAS SUPPLY | G | ⊕ |
| POINT OF CONNECTION | | ⌒● |

## PHASE 1 (AREA - B) TEMPORARY POD PLUMBING CONNECTIONS SCHEDULE

| NUMBER | SIZE | DESCRIPTION | LOCATION | A.F.F. | SERVICE TO | ITEM NO. | REMARKS |
|---|---|---|---|---|---|---|---|
| P34B | 3/4" | COLD WATER | WALL | 18" | PASTA COOKER | TP5 | P.C. TO BRANCH TO CONNECTION AS REQUIRED / SUPPLY TO BE CAPPED IN STEP 2 |

NOTE:
IN THIS STEP THE TEMPORARY POD / TRAY ASSEMBLY EQUIPMENT HAS BEEN REMOVED.
THE EQUIPMENT REQUIRED TO COMPLETE THE FINAL DESIGN HAS BEEN INSTALLED.
FINAL PLUMBING CONNECTION ARE NOW MADE


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PHASE 1 PERMIT SET 04/24/2025

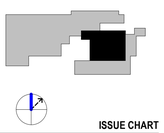
# MultiCare Good Samaritan Hospital Kitchen

401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

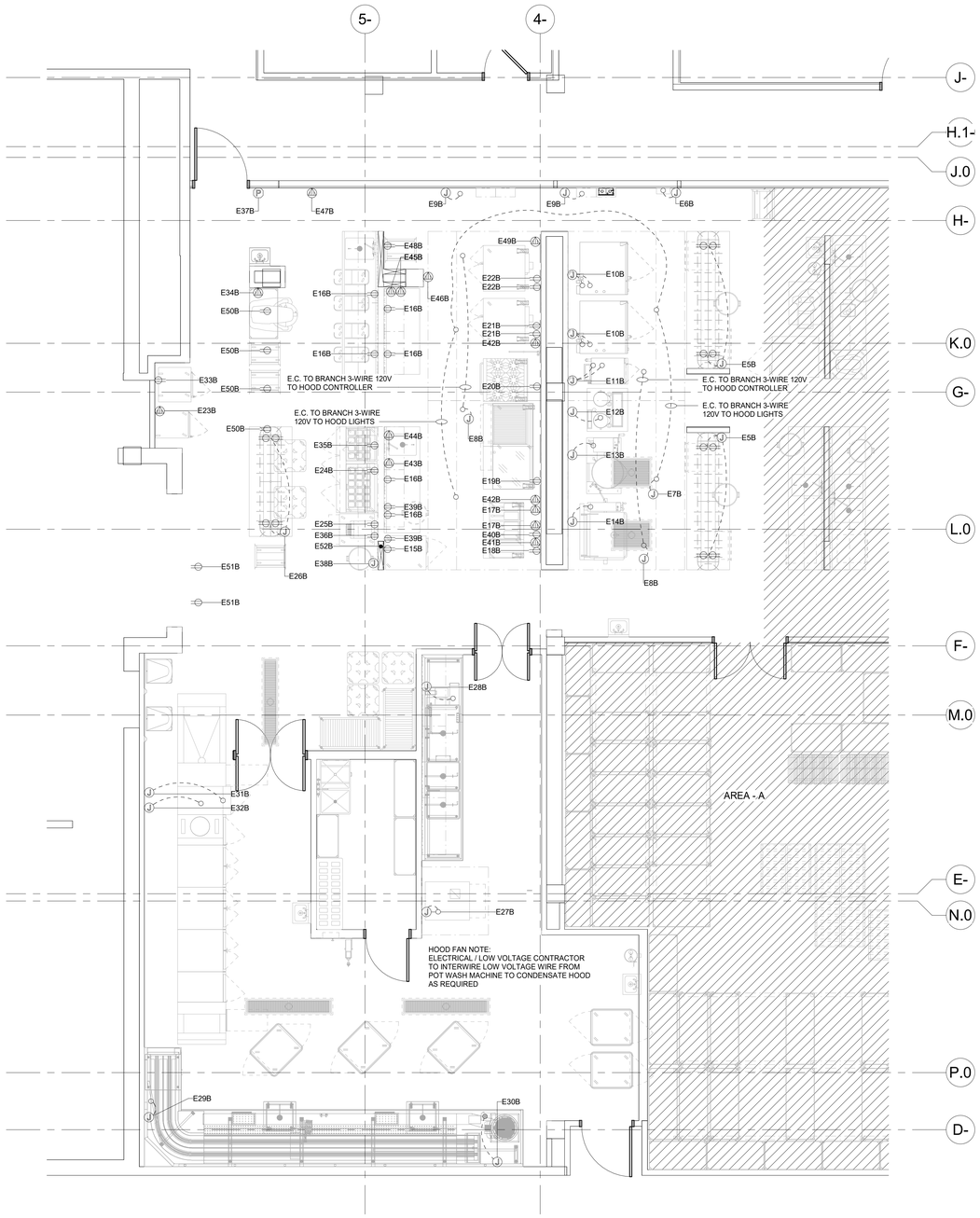
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PHASE 1 (AREA - B)
STEP 2 PLUMBING PLAN
AND SCHEDULE

SHEET NUMBER

FS01-B.2.2


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1 PHASE 1 (AREA - B) FINAL ELECTRICAL PLAN
1/4" = 1'-0"

# PHASE 1 (AREA - B) ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E1B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E2B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E3B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E4B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E5B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B8 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E6B | JUNCT. BOX | M.A.R.V.E.L. CONTROL PANEL | B10 | - | - | 15.0 | 120 | 1 | WALL | 76" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E7B | JUNCT. BOX | HOOD LIGHTS | B11 / B38 | - | - | 15.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E8B | JUNCT. BOX | HOOD CONTROLLER | B11 / B38 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E9B | JUNCT. BOX | FIRE SUPPRESSION SYSTEM | B12 / B41 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E10B | JUNCT. BOX | DOUBLE COMBI OVEN (2 CONNECTIONS) | B13 | - | 1.0 | 4.8 (PER OVEN) | 208 | 3 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E11B | JUNCT. BOX | DOUBLE STEAMER (2 CONNECTIONS) | B15 | - | - | 1.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E12B | JUNCT. BOX | DUAL TRUNNION KETTLE | B16 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E13B | JUNCT. BOX | 40 GAL. TILTING KETTLE | B17 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E14B | JUNCT. BOX | 40 GAL. TILTING BRAISING PAN | B21 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E15B | DUPLEX | FREEZER | B22 | 1/2 | - | 6.5 | 120 | 1 | WALL | 76" | - |
| E16B | DUPLEX | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | WALL | 50" | - |
| E17B | SINGLE | DOUBLE FRYER | B24 | - | - | 51.3 | 208 | 3 | WALL | 18" | - |
| E18B | DUPLEX | HEAT LAMP | B24 | - | - | 6.3 | 120 | 1 | WALL | 18" | - |
| E19B | DUPLEX | REFRIGERATED EQUIPMENT STAND | B26 | 1/4 | - | 4.2 | 120 | 1 | WALL | 18" | - |
| E20B | DUPLEX | 6-BURNER RANGE W/ CONVECTION OVEN | B32 | - | - | 3.4 | 120 | 1 | WALL | 18" | - |
| E21B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B35 | - | - | 7.2 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | - |
| E22B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B92 | 3/4 | - | 8.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E23B | SINGLE | MOBILE HEATER PROOFER | B48 | - | - | 7.0 | 208 | 1 | WALL | 72" | - |
| E24B | DUPLEX | REFRIGERATED SANDWICH PREPARATION UNIT | B51 | 1/3 | - | 6.0 | 120 | 1 | WALL | 18" | - |
| E25B | DUPLEX | CONVEYOR TOASTER | B53 | 1/2 | - | 15.0 | 120 | 1 | WALL | 50" | - |
| E26B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B55 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E27B | JUNCT. BOX | POT WASH MACHINE W/ BOOSTER HEATER | B60 | - | - | 47.6 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E28B | JUNCT. BOX | ULTRAWASH 3-COMPARTMENT SINK | B62 | - | - | 20.0 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E29B | JUNCT. BOX | SOILED DISH TABLE W/ TROUGH / CONVEYOR | B77 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E30B | JUNCT. BOX | TROUGH COLLECTOR | B78 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E31B | JUNCT. BOX | FLIGHT TYPE DISH MACHINE W/ BOOSTER HEATER | B83 | - | - | 139.0 | 208 | 3 | WALL | 80" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E32B | JUNCT. BOX | FLIGHT TYPE DISH MACHINE W/ BOOSTER HEATER | B83 | - | - | 95.6 | 208 | 3 | WALL | 80" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E33B | DUPLEX | MOBILE HEATED CABINET | B93 | - | - | 10.0 | 120 | 1 | WALL | 76" | E.C. TO VERIFY LOADS OF EXISTNG EQUIPMENT W/ OWNER |
| E34B | SINGLE | 60 QT. MIXER | B94 | 2.0 | - | 10.9 | 208 | 1 | WALL | 18" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E35B | DUPLEX | MICROWAVE OVEN | B97 | - | - | 13.0 | 120 | 1 | WALL | 58" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E36B | DUPLEX | UNDER COUNTER REFRIGERATOR / FREEZER | B98 | 1/4 | - | 1.7 | 120 | 1 | WALL | 18" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E37B | - | EMPTY OCTAGON BOX FOR REMOTE PULL STATION | - | - | - | - | - | - | WALL | 48" | PER LOCAL CODES |

# ELECTRICAL NOTES

PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT

ELECTRICAL SYSTEM IS DESIGNED FOR 120/208/3 VOLT, 3 PHASE, 60 HERTZ SYSTEM.

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILING &/OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

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ELECTRICAL PLAN SHOWS OUTLETS & CONNECTIONS W/CAPACITIES FOR ACTUAL ROUGH-IN LOCATIONS, REFER TO DIMENSIONED DRAWINGS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.

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AMPERAGES INDICATED PER TOTAL FOR EACH UNIT & NOT IN ADDITION TO ANY HP &/OR KW RATINGS SHOWN.

WHERE CALLED FOR, KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH CORDS & PLUGS FOR INSTALLATION BY ELECTRICAL CONTRACTOR. NEMA NUMBERS SHOWN INDICATE THE CONFIGURATION TO BE PROVIDED FOR THE EQUIPMENT. ANY DIRECT CONNECTIONS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

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ELECTRICAL CONTRACTOR SHALL PROVIDE AN EMPTY CONDUIT BETWEEN WASTE PULPING UNIT & WASTE EXTRACTOR UNIT FOR LOW VOLTAGE CONTROL WIRING.

ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY CONDUIT W/J-BOXES FOR INSTALLATION OF OWNER SUPPLIED CASH REGISTER SYSTEM. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIER.

ELECTRICAL CONTRACTOR SHALL PROVIDE COMPUTER GRADE, ISOLATED GROUND ELECTRICAL SERVICE FOR ELECTRICAL CASH REGISTER EQUIPMENT. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIES.

ELECTRICAL RECEPTACLES SHALL BE INSTALLED W/THEIR LONG DIMENSIONS RUN HORIZONTALLY.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT RACEWAY SYSTEM, FOR REMOTE REFRIGERATION LINES AS INDICATED ON REFRIGERATION PLAN & DETAILS. CONDUIT SHALL HAVE 24" MINIMUM RADIUS BENDS.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT & POWER & CONTROL WIRING BETWEEN REMOTE LOW TEMPERATURE EVAPORATORS & REMOTE COMPRESSOR RACK. REFER TO DRAWINGS FOR DETAILS.

# ELECTRICAL SYMBOLS

| | | |
|---|---|---|
| SINGLE RECEPTACLE, NEMA 5-20R | SR | |
| DUPLEX RECEPTACLE, NEMA 5-15R | DR | |
| SINGLE RECEPTACLE, 208V OR 480V | SR | |
| FLOOR RECEPTACLE | FR | |
| JUNCTION BOX | JB | |
| DROP CORD OR CONDUIT | DC | |
| CONDUIT STUB | C | |
| SWITCH | S | |
| INCANDESCENT LIGHT | | |
| L.E.D. LIGHT | | |
| POINT OF CONNECTION ON EQUIPMENT | | |
| COMMUNICATIONS OUTLET | | |
| VAPOR-PROOF LIGHTS | | |
| PULL BOX-FIRE SUPRESSION | | |
| GREASE SENSOR | GS | |

# PHASE 1 (AREA - B) TEMPORARY POD ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E38B | JUNCT. BOX | SERVING COUNTER W/ DOUBLE OVERSHELF | TP1 | - | - | - | 120/208 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED / REFER TO E38B LOAD CENTER SCHEDULE |
| E39B | DUPLEX | REFRIGERATED SANDWICH PREPARATION UNIT | TP2 | 1/4 | - | 4.8 | 120 | 1 | WALL | 18" | - |
| E40B | DUPLEX | WORK TOP FREEZER | TP3 | 1/4 | - | 4.8 | 120 | 1 | WALL | 18" | - |
| E41B | SINGLE | FLASH BAKE OVEN | TP4 | - | 8.3 | 40.0 | 208 | 1 | WALL | 50" | - |
| E42B | SINGLE | PASTA COOKER | TP5 | - | 7.8 | 19.5 | 208 | 3 | WALL | 18" | - |
| E43B | SINGLE | 3-WELL MOBILE HEATED CABINET | TP11 | - | 4.641 | 19.3 | 208 | 1 | WALL | 18" | - |
| E44B | SINGLE | 4-WELL MOBILE HEATED CABINET | TP13 | - | 6.188 | 25.8 | 208 | 1 | WALL | 18" | - |
| E45B | SINGLE | BASE ACTIVATOR | TP15 | - | - | 23.5 | 208 | 3 | WALL | 40" | - |
| E46B | SINGLE | MOBILE HEATED PLATE DISPENSER | TP16 | - | .950 | 4.6 | 208 | 1 | WALL | 38" | - |
| E47B | SINGLE | MOBILE HEATED PLATE DISPENSER | TP16 | - | .950 | 4.6 | 208 | 1 | WALL | 18" | - |
| E48B | DUPLEX | MOBILE HEATED CABINET | TP17 | - | - | 10.0 | 120 | 1 | WALL | 72" | - |
| E49B | SINGLE | MOBILE HEATER PROOFER | TP18 | - | - | 7.0 | 208 | 1 | WALL | 72" | - |
| E50B | DC / DUPLEX | AIR CURTAIN REFRIGERATOR | TP22 | - | 1.020 | 8.5 | 120 | 1 | FA | CLG | E.C. TO PROVIDE DROP CORD AS REQUIRED |
| E51B | DC / DUPLEX | FREEZER | TP26 | 1/2 | - | 7.1 | 120 | 1 | FA | CLG | E.C. TO PROVIDE DROP CORD AS REQUIRED |
| E52B | - | EMPTY CONDUIT FOR EDP/POS SYSTEMS & PRINTERS | - | - | - | - | - | - | FLOOR | STUB | E.C. TO BRANCH TO E53B COMMUNICATION DATA PORT VERIFY REQUIREMENTS W/OWNER/OPERATOR EDP/POS PLANS |
| E53B | COMMUNICATION DATA PORT | PRINTERS / SCANNER | - | - | - | - | - | - | - | - | - |

PHASE 1 (AREA - B) WILL BE COMPLETED IN (2) STEPS.

(STEP 1) ALL ELECTRICAL FIXTURES WILL BE INSTALLED BUT ONLY SPECIFIC EQUIPMENT (INCLUDING) TEMPORARY POD EQUIPMENT WILL BE CONNECTED. REFER TO SHEET FS01-B.3.1

(STEP 2) TEMPORARY POD EQUIPMENT WILL BE REMOVED. EQUIPMENT REQUIRED TO COMPLETE FINAL DESIGN WILL BE INSTALLED. ELECTRICAL CONNECTIONS TO THAT EQUIPMENT WILL THEN BE MADE, REFER TO SHEET FS01-B.3.2


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Seattle, WA 98109

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MECHANICAL
MACDONALD MILLER
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Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104


City of Puyallup
Development & Permitting Services
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Building | Planning | Engineering | Public Works | Fire | Traffic

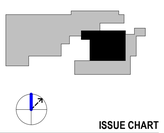
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

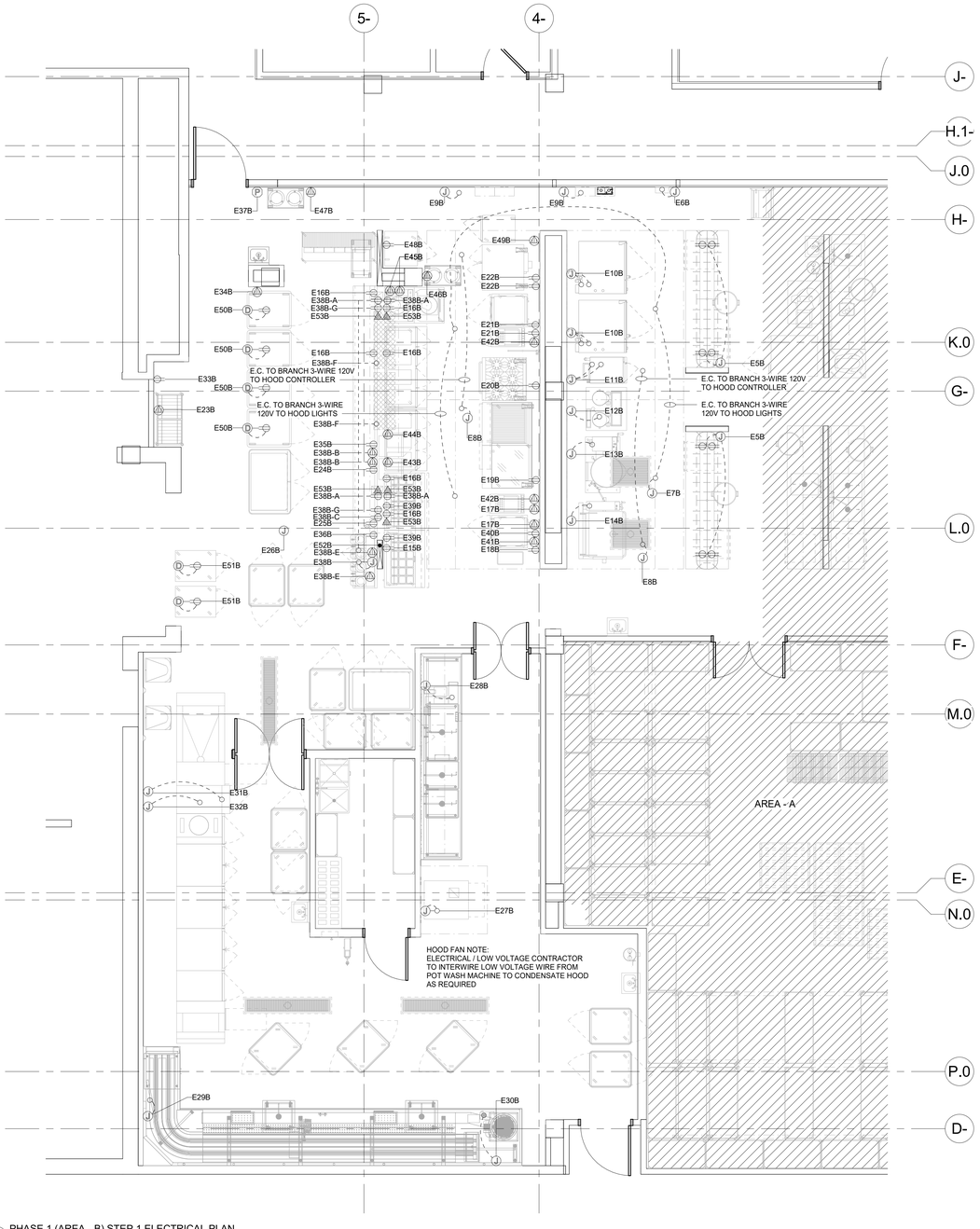
TITLE

**PHASE 1 (AREA - B) FINAL ELECTRICAL PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-B.3**


4/22/2025 2:05:08 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt




1 PHASE 1 (AREA - B) STEP 1 ELECTRICAL PLAN
1/4" = 1'-0"

## PHASE 1 (AREA - B) ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E1B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E2B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E3B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E4B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E5B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B8 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E6B | JUNCT. BOX | M.A.R.V.E.L. CONTROL PANEL | B10 | - | - | 15.0 | 120 | 1 | WALL | 76" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E7B | JUNCT. BOX | HOOD LIGHTS | B11 / B38 | - | - | 15.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E8B | JUNCT. BOX | HOOD CONTROLLER | B11 / B38 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E9B | JUNCT. BOX | FIRE SUPPRESSION SYSTEM | B12 / B41 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E10B | JUNCT. BOX | DOUBLE COMBI OVEN (2 CONNECTIONS) | B13 | - | 1.0 | 4.8 (PER OVEN) | 208 | 3 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E11B | JUNCT. BOX | DOUBLE STEAMER (2 CONNECTIONS) | B15 | - | - | 1.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E12B | JUNCT. BOX | DUAL TRUNNION KETTLE | B16 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E13B | JUNCT. BOX | 40 GAL. TILTING KETTLE | B17 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E14B | JUNCT. BOX | 40 GAL. TILTING BRAISING PAN | B21 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E15B | DUPLEX | FREEZER | B22 | 1/2 | - | 6.5 | 120 | 1 | WALL | 76" | - |
| E16B | DUPLEX | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | WALL | 50" | - |
| E17B | SINGLE | DOUBLE FRYER | B24 | - | - | 51.3 | 208 | 3 | WALL | 18" | - |
| E18B | DUPLEX | HEAT LAMP | B24 | - | - | 6.3 | 120 | 1 | WALL | 18" | - |
| E19B | DUPLEX | REFRIGERATED EQUIPMENT STAND | B26 | 1/4 | - | 4.2 | 120 | 1 | WALL | 18" | - |
| E20B | DUPLEX | 6-BURNER RANGE W/ CONVECTION OVEN | B32 | - | - | 3.4 | 120 | 1 | WALL | 18" | - |
| E21B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B35 | - | - | 7.2 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | - |
| E22B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B92 | 3/4 | - | 8.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E23B | SINGLE | MOBILE HEATER PROOFER | B48 | - | - | 7.0 | 208 | 1 | WALL | 72" | - |
| E24B | DUPLEX | REFRIGERATED SANDWICH PREPARATION UNIT | B51 | 1/3 | - | 6.0 | 120 | 1 | WALL | 18" | - |
| E25B | DUPLEX | CONVEYOR TOASTER | B53 | 1/2 | - | 15.0 | 120 | 1 | WALL | 50" | - |
| E26B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B55 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E27B | JUNCT. BOX | POT WASH MACHINE W/ BOOSTER HEATER | B60 | - | - | 47.6 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E28B | JUNCT. BOX | ULTRAWASH 3-COMPARTMENT SINK | B62 | - | - | 20.0 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E29B | JUNCT. BOX | SOILED DISH TABLE W/ TROUGH / CONVEYOR | B77 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E30B | JUNCT. BOX | TROUGH COLLECTOR | B78 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
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FIRE PROTECTION SYSTEM REMOTE CABLE PULL BOX SHALL BE RECESS MOUNTED OCTAGONAL J-BOX & CENTERED @ 48" A.F.F. W/1/2" EMT CONDUIT OUT OF TOP, CONCEALED IN WALL TO 6" ABOVE FINISHED CEILING, BY ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL PROVIDE AN EMPTY CONDUIT BETWEEN WASTE PULPING UNIT & WASTE EXTRACTOR UNIT FOR LOW VOLTAGE CONTROL WIRING.

ELECTRICAL CONTRACTOR SHALL PROVIDE EMPTY CONDUIT W/J-BOXES FOR INSTALLATION OF OWNER SUPPLIED CASH REGISTER SYSTEM. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIER.

ELECTRICAL CONTRACTOR SHALL PROVIDE COMPUTER GRADE, ISOLATED GROUND ELECTRICAL SERVICE FOR ELECTRICAL CASH REGISTER EQUIPMENT. VERIFY EXACT REQUIREMENTS W/EQUIPMENT SUPPLIES.

ELECTRICAL RECEPTACLES SHALL BE INSTALLED W/THEIR LONG DIMENSIONS RUN HORIZONTALLY.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT RACEWAY SYSTEM, FOR REMOTE REFRIGERATION LINES AS INDICATED ON REFRIGERATION PLAN & DETAILS. CONDUIT SHALL HAVE 24" MINIMUM RADIUS BENDS.

ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT & POWER & CONTROL WIRING BETWEEN REMOTE LOW TEMPERATURE EVAPORATORS & REMOTE COMPRESSOR RACK. REFER TO DRAWINGS FOR DETAILS.

## ELECTRICAL SYMBOLS

| | | |
|---|---|---|
| SINGLE RECEPTACLE, NEMA 5-20R | SR | |
| DUPLEX RECEPTACLE, NEMA 5-15R | DR | |
| SINGLE RECEPTACLE, 208V OR 480V | SR | |
| FLOOR RECEPTACLE | FR | |
| JUNCTION BOX | JB | J |
| DROP CORD OR CONDUIT | DC | D |
| CONDUIT STUB | C | • |
| SWITCH | S | S |
| INCANDESCENT LIGHT | | |
| L.E.D. LIGHT | | |
| POINT OF CONNECTION ON EQUIPMENT | | |
| COMMUNICATIONS OUTLET | | |
| VAPOR-PROOF LIGHTS | | |
| PULL BOX-FIRE SUPRESSION | | P |
| GREASE SENSOR | GS | |

## PHASE 1 (AREA - B) TEMPORARY POD ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E38B | JUNCT. BOX | SERVING COUNTER W/ DOUBLE OVERSHELF | TP1 | - | - | - | 120/208 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED / REFER TO E38B LOAD CENTER SCHEDULE |
| E39B | DUPLEX | REFRIGERATED SANDWICH PREPARATION UNIT | TP2 | 1/4 | - | 4.8 | 120 | 1 | WALL | 18" | - |
| E40B | DUPLEX | WORK TOP FREEZER | TP3 | 1/4 | - | 4.8 | 120 | 1 | WALL | 18" | - |
| E41B | SINGLE | FLASH BAKE OVEN | TP4 | - | 8.3 | 40.0 | 208 | 1 | WALL | 50" | - |
| E42B | SINGLE | PASTA COOKER | TP5 | - | 7.8 | 19.5 | 208 | 3 | WALL | 18" | - |
| E43B | SINGLE | 3-WELL MOBILE HEATED CABINET | TP11 | - | 4.641 | 19.3 | 208 | 1 | WALL | 18" | - |
| E44B | SINGLE | 4-WELL MOBILE HEATED CABINET | TP13 | - | 6.188 | 25.8 | 208 | 1 | WALL | 18" | - |
| E45B | SINGLE | BASE ACTIVATOR | TP15 | - | - | 23.5 | 208 | 3 | WALL | 40" | - |
| E46B | SINGLE | MOBILE HEATED PLATE DISPENSER | TP16 | - | .950 | 4.6 | 208 | 1 | WALL | 38" | - |
| E47B | SINGLE | MOBILE HEATED PLATE DISPENSER | TP16 | - | .950 | 4.6 | 208 | 1 | WALL | 18" | - |
| E48B | DUPLEX | MOBILE HEATED CABINET | TP17 | - | - | 10.0 | 120 | 1 | WALL | 72" | - |
| E49B | SINGLE | MOBILE HEATER PROOFER | TP18 | - | - | 7.0 | 208 | 1 | WALL | 72" | - |
| E50B | DC / DUPLEX | AIR CURTAIN REFRIGERATOR | TP22 | - | 1.020 | 8.5 | 120 | 1 | FA | CLG | E.C. TO PROVIDE DROP CORD AS REQUIRED |
| E51B | DC / DUPLEX | FREEZER | TP26 | 1/2 | - | 7.1 | 120 | 1 | FA | CLG | E.C. TO PROVIDE DROP CORD AS REQUIRED |
| E52B | - | EMPTY CONDUIT FOR EDP/POS SYSTEMS & PRINTERS | - | - | - | - | - | - | FLOOR | STUB | E.C. TO BRANCH TO E53B COMMUNICATION DATA PORT VERIFY REQUIREMENTS W/OWNER/OPERATOR EDP/POS PLANS |
| E53B | COMMUNICATION DATA PORT | PRINTERS / SCANNER | - | - | - | - | - | - | - | - | - |

## PHASE 1 E38B LOAD CENTER ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | QTY. | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|
| E38B-A | DUPLEX | 4 | PRINTER | TP6 | - | - | 15.0 | 120 | 1 | DEDICATED CURCUIT |
| E38B-B | SINGLE | 2 | MICROWAVE OVEN | TP7 | - | 3.2 | 14.0 | 208 | 1 | - |
| E38B-C | DUPLEX | 1 | SCANNER | TP9 | - | - | 10.0 | 120 | 1 | DEDICATED CURCUIT |
| E38B-E | SINGLE | 2 | COFFEE BREWER | TP20 | - | - | 30.0 | 208 | 1 | - |
| E38B-F | JUNCT. BOX | 2 | HEAT LAMP | TP12 | - | 1.840 | 9.7 | 120/208 | 1 | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E38B-G | DUPLEX | 2 | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | - |


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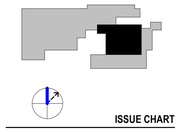

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PHASE 1 PERMIT SET 04/24/2025

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MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

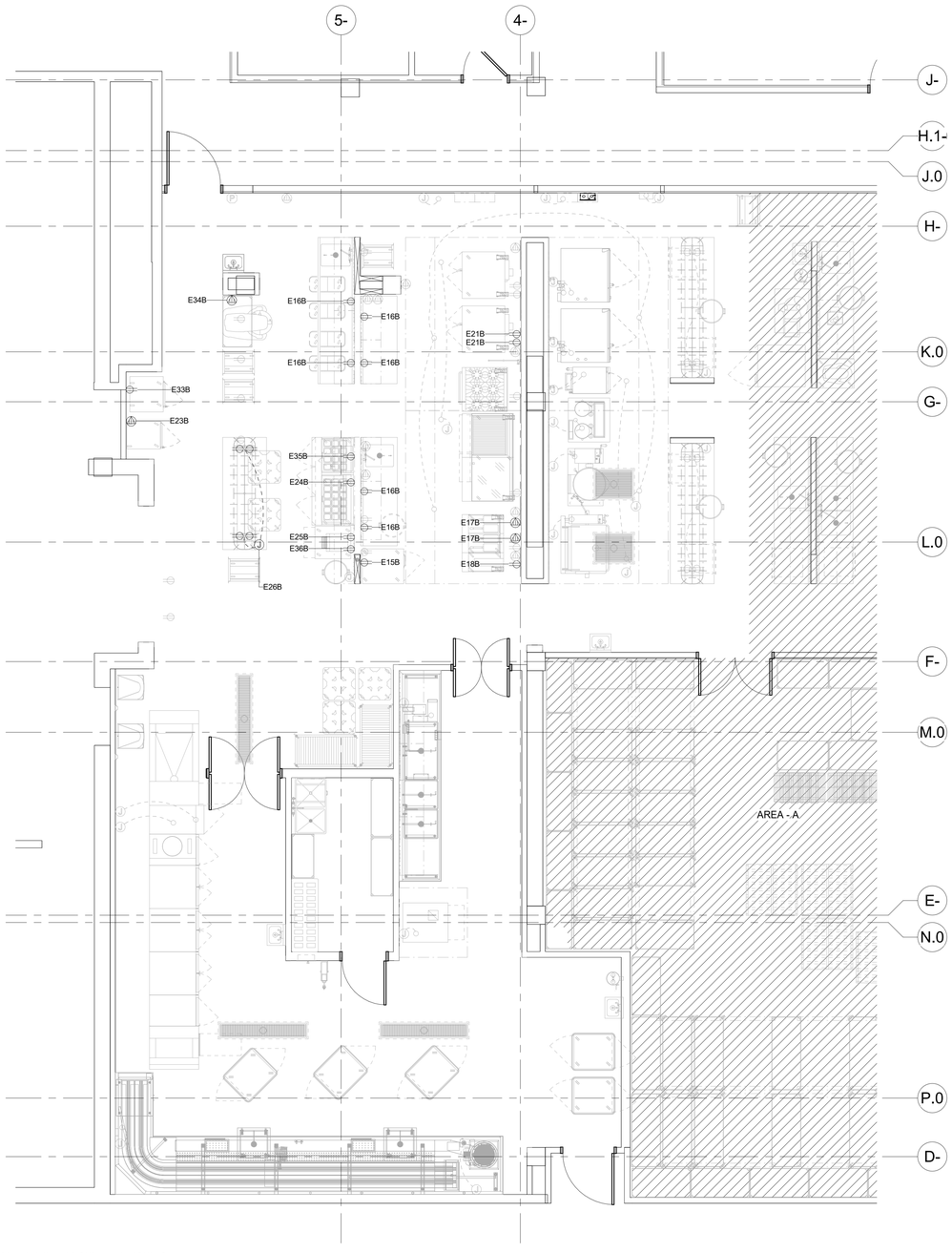
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Job Number 24127

TITLE
PHASE 1 (AREA - B)
STEP 1 ELECTRICAL
PLAN AND SCHEDULE

SHEET NUMBER
FS01-B.3.1


4/22/2025 2:05:11 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt




1 PHASE 1 (AREA - B) STEP 2 ELECTRICAL PLAN
1/4" = 1'-0"

NOTE:
IN THIS STEP THE TEMPORARY POD / TRAY ASSEMBLY EQUIPMENT HAS BEEN REMOVED.
THE EQUIPMENT REQUIRED TO COMPLETE THE FINAL DESIGN HAS BEEN INSTALLED.
FINAL ELECTRICAL CONNECTION ARE NOW MADE

# PHASE 1 (AREA - B) ELECTRICAL CONNECTIONS SCHEDULE

| NUMBER | CONNECTION | SERVICE TO | ITEM NO. | HP | KW | AMPS | VOLT | PHASE | LOCATION | A.F.F. | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E1B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E2B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E3B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E4B | - | SPARE NUMBER | - | - | - | - | - | - | - | - | - |
| E5B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B8 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E6B | JUNCT. BOX | M.A.R.V.E.L. CONTROL PANEL | B10 | - | - | 15.0 | 120 | 1 | WALL | 76" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E7B | JUNCT. BOX | HOOD LIGHTS | B11 / B38 | - | - | 15.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E8B | JUNCT. BOX | HOOD CONTROLLER | B11 / B38 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E9B | JUNCT. BOX | FIRE SUPPRESSION SYSTEM | B12 / B41 | - | - | 10.0 | 120 | 1 | FA | CLG | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E10B | JUNCT. BOX | DOUBLE COMBI OVEN (2 CONNECTIONS) | B13 | - | 1.0 | 4.8 (PER OVEN) | 208 | 3 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E11B | JUNCT. BOX | DOUBLE STEAMER (2 CONNECTIONS) | B15 | - | - | 1.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO BRANCH TO CONNECTION AS REQUIRED (QTY. 2) |
| E12B | JUNCT. BOX | DUAL TRUNNION KETTLE | B16 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E13B | JUNCT. BOX | 40 GAL. TILTING KETTLE | B17 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E14B | JUNCT. BOX | 40 GAL. TILTING BRAISING PAN | B21 | - | - | 5.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E15B | DUPLEX | FREEZER | B22 | 1/2 | - | 6.5 | 120 | 1 | WALL | 76" | - |
| E16B | DUPLEX | CONVENIENCE OUTLET | - | - | - | 16.0 | 120 | 1 | WALL | 50" | - |
| E17B | SINGLE | DOUBLE FRYER | B24 | - | - | 51.3 | 208 | 3 | WALL | 18" | - |
| E18B | DUPLEX | HEAT LAMP | B24 | - | - | 6.3 | 120 | 1 | WALL | 18" | - |
| E19B | DUPLEX | REFRIGERATED EQUIPMENT STAND | B26 | 1/4 | - | 4.2 | 120 | 1 | WALL | 18" | - |
| E20B | DUPLEX | 6-BURNER RANGE W/ CONVECTION OVEN | B32 | - | - | 3.4 | 120 | 1 | WALL | 18" | - |
| E21B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B35 | - | - | 7.2 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | |
| E22B | DUPLEX | DOUBLE CONVECTION OVEN (2 CONNECTIONS) | B92 | 3/4 | - | 8.0 (PER OVEN) | 120 | 1 | WALL | 18" / 48" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E23B | SINGLE | MOBILE HEATER PROOFER | B48 | - | - | 7.0 | 208 | 1 | WALL | 72" | - |
| E24B | DUPLEX | REFRIGERATED SANDWICH PREPARATION UNIT | B51 | 1/3 | - | 6.0 | 120 | 1 | WALL | 18" | - |
| E25B | DUPLEX | CONVEYOR TOASTER | B53 | 1/2 | - | 15.0 | 120 | 1 | WALL | 50" | - |
| E26B | JUNCT. BOX / DUPLEX | CONVIENENCE OUTLETS | B55 | - | - | 15.0 | 120 | 1 | WALL | 18" | E.C. TO BRANCH TO EQUIPMENT MOUNTED DUPLEXES |
| E27B | JUNCT. BOX | POT WASH MACHINE W/ BOOSTER HEATER | B60 | - | - | 47.6 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E28B | JUNCT. BOX | ULTRAWASH 3-COMPARTMENT SINK | B62 | - | - | 20.0 | 208 | 3 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E29B | JUNCT. BOX | SOILED DISH TABLE W/ TROUGH / CONVEYOR | B77 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E30B | JUNCT. BOX | TROUGH COLLECTOR | B78 | - | - | 15.0 | 208 | 1 | WALL | 12" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E31B | JUNCT. BOX | FLIGHT TYPE DISH MACHINE W/ BOOSTER HEATER | B83 | - | - | 139.0 | 208 | 3 | WALL | 80" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E32B | JUNCT. BOX | FLIGHT TYPE DISH MACHINE W/ BOOSTER HEATER | B83 | - | - | 95.6 | 208 | 3 | WALL | 80" | E.C. TO BRANCH TO CONNECTION AS REQUIRED |
| E33B | DUPLEX | MOBILE HEATED CABINET | B93 | - | - | 10.0 | 120 | 1 | WALL | 76" | E.C. TO VERIFY LOADS OF EXISTNG EQUIPMENT W/ OWNER |
| E34B | SINGLE | 60 QT. MIXER | B94 | 2.0 | - | 10.9 | 208 | 1 | WALL | 18" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E35B | DUPLEX | MICROWAVE OVEN | B97 | - | - | 13.0 | 120 | 1 | WALL | 58" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E36B | DUPLEX | UNDER COUNTER REFRIGERATOR / FREEZER | B98 | 1/4 | - | 1.7 | 120 | 1 | WALL | 18" | E.C. TO VERIFY LOADS OF EXISTING EQUIPMENT W/ OWNER |
| E37B | - | EMPTY OCTAGON BOX FOR REMOTE PULL STATION | - | - | - | - | - | - | WALL | 48" | PER LOCAL CODES |

# ELECTRICAL NOTES

PLEASE DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT

ELECTRICAL SYSTEM IS DESIGNED FOR 120/208/3 VOLT, 3 PHASE, 60 HERTZ SYSTEM.

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILING &OR FROM CENTERLINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO FINISH" UNLESS OTHERWISE NOTED.

UTILITIES SHOWN ARE FOR ITEMS FOR FOODSERVICE EQUIPMENT ONLY & ARE THE MINIMUM REQUIRED TO OPERATE EQUIPMENT. LOCATIONS OF ANY ADDITIONAL ELECTRICAL UTILITIES (CONVENIENCE RECEPTACLES, TELEPHONE JACKS, INTERCOM JACKS, ETC.) WHICH MAY BE REQUIRED SHALL BE DETERMINED BY THE ARCHITECT/ENGINEER.

ELECTRICAL PLAN SHOWS OUTLETS & CONNECTIONS W/CAPACITIES FOR ACTUAL ROUGH-IN LOCATIONS. REFER TO DIMENSIONED DRAWINGS PROVIDED BY KITCHEN EQUIPMENT CONTRACTOR.

FINAL ELECTRICAL CONNECTIONS INCLUDING WIRING FROM POINT-OF CONNECTION ON EQUIPMENT TO BUILDING ELECTRICAL SYSTEM & INTERCONNECTIONS BETWEEN EQUIPMENT COMPONENTS SHALL E PROVIDED BY ELECTRICAL CONTRACTOR.

ALL ELECTRICAL MATERIALS, INCLUDING WIRE, CONDUIT, OVERLOAD PROTECTION, MAIN SWITCHES, SAFETY CUT-OUTS, FUSE BOXES, SHUNT-TRIP BREAKERS, DISCONNECT SWITCHES, & CONTROLS SHALL BE PROVIDED BY ELECTRICAL CONTRACTOR.

UTILITIES SHALL BE CONCEALED IN WALLS & STUBBED-OUT OF WALLS. WIRING STUBBED OUT OF FLOOR & RUN EXPOSED ON THE FACE OF THE WALL SHALL NOT BE ACCEPTABLE.

ELECTRICAL COMPONENTS, INCLUDING MAIN SWITCHES, FUSE BOXES, TERMINAL PANELS, DISCONNECT SWITCHES CONDUIT & CONNECTIONS SHALL NOT INTERFERE IN ANY WAY W/THE OPERATION OF ITEMS OF FOODSERVICE EQUIPMENT.

AMPERAGES INDICATED PER TOTAL FOR EACH UNIT & NOT IN ADDITION TO ANY HP &/OR KW RATINGS SHOWN.

WHERE CALLED FOR, KITCHEN EQUIPMENT CONTRACTOR SHALL FURNISH CORDS & PLUGS FOR INSTALLATION BY ELECTRICAL CONTRACTOR. NEMA NUMBERS SHOWN INDICATE THE CONFIGURATION TO BE PROVIDED FOR THE EQUIPMENT. ANY DIRECT CONNECTIONS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.

ALL LIGHT FIXTURES IN FOOD STORAGE, PREPARATION, SERVICE OR DISPLAY FACILITIES, AS WELL AS UTENSIL CLEANING & STORAGE AREAS SHALL HAVE SHIELDING OVER BULBS.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE WALK-IN FREEZER/COOLER ASSEMBLIES COMPLETE W/OUTLET BOXES, DOOR HEATERS & ALL SYSTEM COMPONENTS PRE-WIRED TO A SINGLE POINT OF CONNECTION, ELECTRICAL CONTRACTOR SHALL PROVIDE INTERCONNECTION CONDUIT & WIRING & MAKE FINAL CONNECTIONS.

ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRICAL POWER TO & INTERCONNECTION BETWEEN EVAPORATOR COIL, TIME CLOCK, TEMPERATURE CONTROL DEVICE, & CONDENSING UNITS, FOR WALK-IN FREEZER/COOLER ASSEMBLIES FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

DRAIN LINE FROM FREEZER COIL SHALL BE WRAPPED W/HEAT CABLE, TAPED & INSULATED TO PREVENT FREEZING OF CONDENSATE IN THE LINE, BY ELECTRICAL CONTRACTOR.

WALK-IN FREEZER/COOLER VAPOR-PROOF LIGHT FIXTURES ARE SHIPPED LOOSE BY KITCHEN EQUIPMENT CONTRACTOR FOR FIELD INSTALLATION & INTERWIRING AS REQUIRED BY ELECTRICAL CONTRACTOR.

ALL PENETRATIONS INTO WALK-IN FREEZER/COOLERS SHALL BE MADE BY THE KITCHEN EQUIPMENT CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL SEAL ALL PENETRATIONS MADE INTO WALK-IN FREEZER/ COOLER ASSEMBLIES, REFRIGERATORS, EXHAUST VENTILATORS W/METHODS & MATERIALS AS APPROVED BY EQUIPMENT MANUFACTURER.

KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE EXHAUST VENTILATOR ASSEMBLIES COMPLETE W/CONTROL PANEL, WASH-DOWN PANEL, LIGHTS, & FIRE SUPPRESSION SYSTEM. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL POWER TO & INTERCONNECTIONS BETWEEN VENTILATOR, CONTROL PANEL, WASH-DOWN PANEL LIGHTS, EXHAUST & SUPPLY FAN, MAGNETIC STARTERS, & ALL MISCELLANEOUS COMPONENTS. SEE PLAN & VENTILATOR SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

FOR VENTILATOR FIRE SUPPRESSION SYSTEM W/ELECTRICALLY HEATED COOKING EQUIPMENT, KITCHEN EQUIPMENT CONTRACTOR SHALL PROVIDE REMOTE MANUAL PULL STATION, & MICRO-SWITCH. ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL ELECTRICAL CONTACTOR &/OR SHUNT-TRIP BREAKERS & ALL INTERCONNECTION CONDUIT & WIRING FOR SHUT-OFF OF ALL ELECTRICALLY HEATED COOKING EQUIPMENT. CONTACTOR FOR SHUNT-TRIP RELAYS SHALL BE ACTIVATED IN CASE OF FIRE BY MICRO-SWITCH AS FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR.

FIRE PROTECTION SYSTEM REMOTE CABLE PULL BOX SHALL BE RECESS MOUNTED OCTAGONAL J-BOX & CENTERED @ 48" A.F.F. W/1/2" EMT CONDUIT OUT OF TOP. CONCEALED IN WALL TO 6" ABOVE FINISHED CEILING, BY ELECTRICAL CONTRACTOR.

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ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT & POWER & CONTROL WIRING BETWEEN REMOTE LOW TEMPERATURE EVAPORATORS & REMOTE COMPRESSOR RACK. REFER TO DRAWINGS FOR DETAILS.

# ELECTRICAL SYMBOLS

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|---|---|---|
| SINGLE RECEPTACLE, NEMA 5-20R | SR | |
| DUPLEX RECEPTACLE, NEMA 5-15R | DR | |
| SINGLE RECEPTACLE, 208V OR 480V | SR | |
| FLOOR RECEPTACLE | FR | |
| JUNCTION BOX | JB | |
| DROP CORD OR CONDUIT | DC | |
| CONDUIT STUB | C | |
| SWITCH | S | |
| INCANDESCENT LIGHT | | |
| L.E.D. LIGHT | | |
| POINT OF CONNECTION ON EQUIPMENT | | |
| COMMUNICATIONS OUTLET | | |
| VAPOR-PROOF LIGHTS | | |
| PULL BOX-FIRE SUPRESSION | | |
| GREASE SENSOR | GS | |


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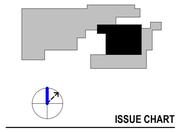
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**MultiCare**
**Good Samaritan**
**Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 24127

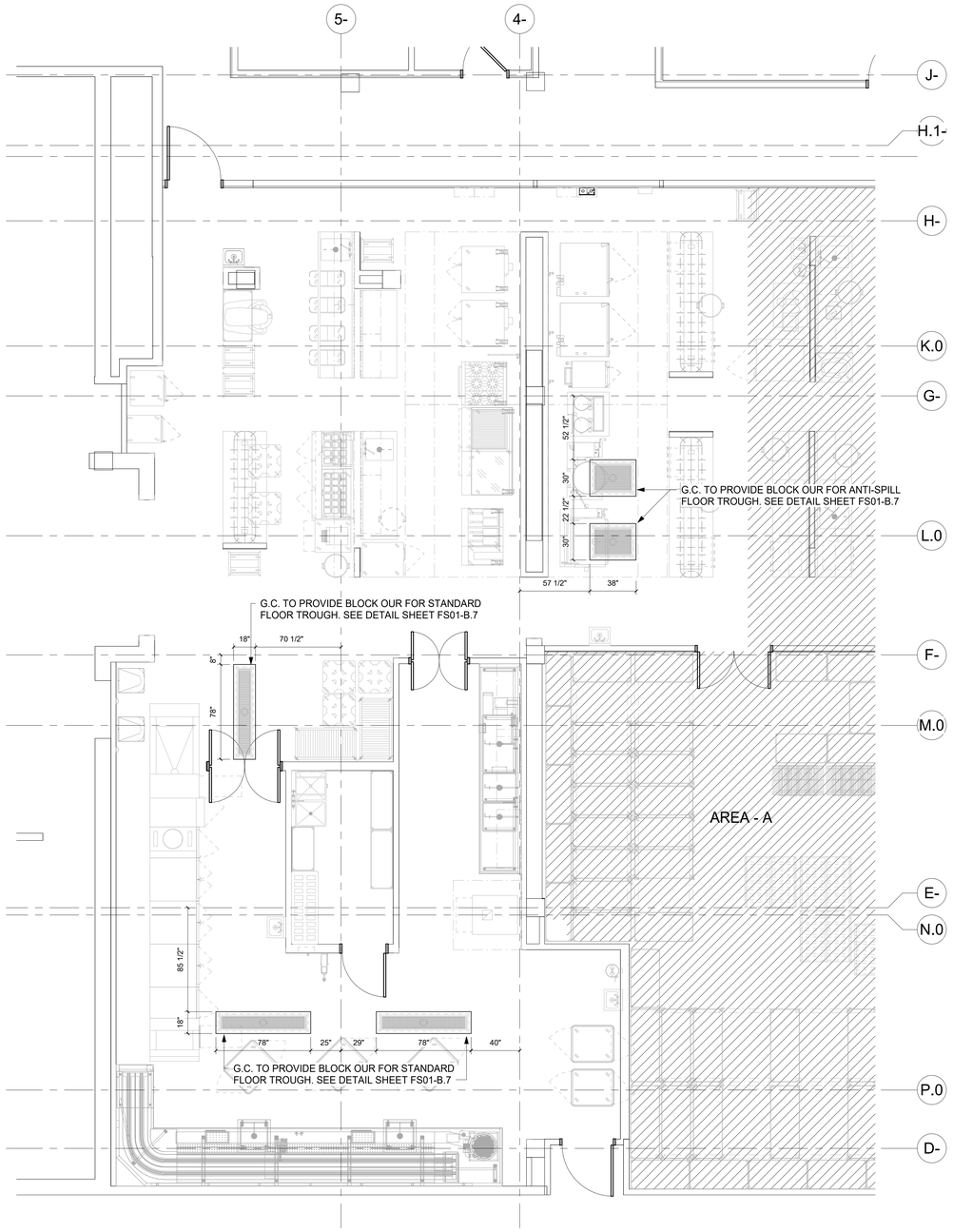
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**PHASE 1 (AREA - B) STEP 2 ELECTRICAL PLAN AND SCHEDULE**

SHEET NUMBER

**FS01-B.3.2**


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1 PHASE 1 (AREA - B) SLAB BLOCK OUT PLAN
1/4" = 1'-0"

## SLAB BLOCK OUT NOTES

DIMENSIONS SHOWN FOR BLOCK OUTS ARE FROM CENTER LINE OF STRUCTURAL COLUMNS. DIMENSIONS TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR AND ALL TRADES UTILIZING THIS PLAN

REFER TO DEATIL SHEET FOR BLOCK OUT DETAILS

## SLAB BLOCK OUT SYMBOL

BLOCKOUT


Perkins&Will

1301 5th Ave
#2300, Seattle,
WA 98101
t +12063816000
www.perkinswill.com

**CONSULTANTS**

FOOD SERVICE
INMAN FOOD SERVICES
3807 Charlotte Avenue,
Nashville, Tennessee 37209

CIVIL
PRCTI20250548
AHBL
1200 6th Ave #1620,
Seattle, WA 98101

STRUCTURAL
PCS
1011 Western Avenue, Suite 810
Seattle WA 98104

CONTRACTOR
SELLEN
227 Westlake Ave,
Seattle, WA 98109

PLUMBING
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

MECHANICAL
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104


City of Puyallup
Development & Permitting Services
ISSUED PERMIT

| | |
|---|---|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |

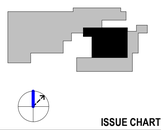
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

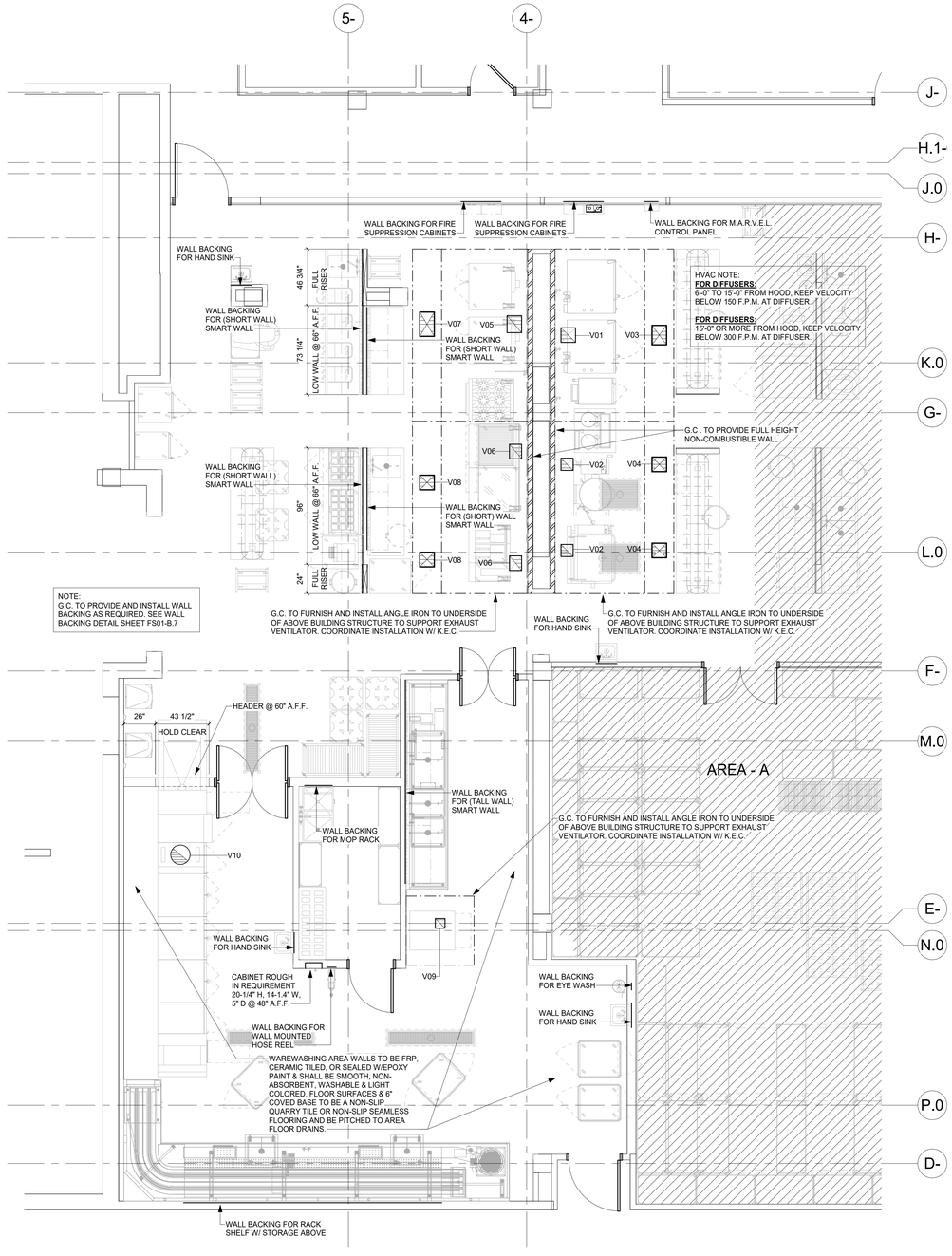
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**PHASE 1 (AREA - B) SLAB BLOCK OUT PLAN**

SHEET NUMBER

**FS01-B.4**


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1 PHASE 1 (AREA - B) FINAL SPECIAL CONDITIONS PLAN
1/4" = 1'-0"

PHASE 1 (AREA - B) WILL BE COMPLETED IN TWO STEPS.

(STEP 1) THE MAJORITY OF SPECIAL CONDITIONS WORK WILL BE COMPLETED INCLUDING A LOW WALL CONDITION REQUIRED FOR THE TEMPORARY POD / TRAY ASSEMBLY SYSTEM. REFER TO SHEET FS01-B.5.1

(STEP 2) FOR THE FINAL EQUIPMENT TO BE INSTALLED, THE LOW WALL CONDITION REQUIRED DURING STEP 1 DIFFERS FROM WHAT IS REQUIRED IN STEP 2. REFER TO SHEET FS01-B.5.2

## SPECIAL CONDITIONS NOTES

PLEASE DISREGARD ANY NOTES THAT DO NOT APPLY TO THIS PROJECT

ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS, FLOORS, CEILINGS &/OR FROM CENTER LINE OF STRUCTURAL COLUMNS. DIMENSIONS ARE TO BE VERIFIED BY THE KITCHEN EQUIPMENT CONTRACTOR & ALL TRADES UTILIZING THESE PLANS.

ANY "HOLD" DIMENSIONS ARE CLEAR "FINISH-TO-FINISH" UNLESS OTHERWISE NOTED.

REFER TO ARCHITECTURAL/ENGINEERING DRAWINGS FOR ACTUAL CONSTRUCTION DIMENSIONS, LOCATION, THICKNESS & FINISH OF PARTITIONS, FURRING & FLOOR SIZES & LOCATIONS NOT INDICATED ON THE SPECIAL CONDITIONS PLAN.

CEILING SHALL BE SMOOTH, NON-ABSORBENT, WASHABLE & LIGHT COLORED, BY GENERAL CONTRACTOR.

GENERAL CONTRACTOR TO FURNISH & INSTALL ANGLE IRON TO UNDERSIDE OF BUILDING STRUCTURE ABOVE TO SUPPORT EXHAUST VENTILATOR. COORDINATE INSTALLATION W/THE KITCHEN EQUIPMENT CONTRACTOR.

DEPRESSION FOR WALK-IN FREEZER/COOLER ASSEMBLIES &/OR FLOOR TROUGHS SHALL BE SMOOTH & TRANSIT-LEVEL. REFER TO PLAN FOR SIZES, DEPTHS & ADDITIONAL INFORMATION.

CONCRETE & MASONRY BASES & CURBS SHALL BE SMOOTH & TRANSIT-LEVEL. ALL EXPOSED SURFACES SHALL BE FINISHED THE SAME AS FINISHED FLOOR. REFER TO PLAN FOR SIZES & ADDITIONAL INFORMATION.

ALL BACKING MATERIALS SUITABLE FOR WALL-MOUNTED EQUIPMENT SHALL BE PROVIDED BY GENERAL CONTRACTOR AS DETAILED.

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ALL RACKS &/OR PLATFORMS FOR ROOF-MOUNTED EQUIPMENT & COMPRESSOR RACKS SHALL BE PROVIDED BY GENERAL CONTRACTOR.

ALL WALL, FLOOR &/OR ROOF SLEEVES SHALL BE PROVIDED BY GENERAL CONTRACTOR.

KITCHEN EQUIPMENT CONTRACTOR SHALL UNDER NO CONDITIONS SET-IN-PLACE OR INSTALL ANY PIECE OF EQUIPMENT PRIOR TO TILE FLOORS BEING ACID WASHED & RINSED.

WHERE QUARRY TILE FLOORS ARE EXTENDED INTO WALK-IN FREEZER/COOLER ASSEMBLIES, GENERAL CONTRACTOR SHALL PROTECT ALL EXPOSED METAL SURFACES & REMOTE DOORS PRIOR TO ACID WASHING OF FLOORS & PROVIDE POWER VENTILATION TO REMOVE FUMES.

GENERAL CONTRACTOR SHALL PROVIDE WALL OPENINGS TO ACCOMMODATE ITEMS OF PASS-THRU & CONVEYOR EQUIPMENT AS DETAILED ON PLAN. REFER TO PLAN FOR ADDITIONAL INFORMATION.

BEVERAGE SYSTEM CONDUIT SHALL BE 6" MINIMUM DIAMETER W/24" MINIMUM RADIUS EASY-SWEEP BENDS @ ALL TURNS & FLOOR PENETRATIONS. CONDUITS SHALL BE RUN BELOW FLOOR SLAB WHERE EVER POSSIBLE & SHALL BE ROUTED TO PROVIDE THE SHORTEST RUNS POSSIBLE. RUNS SHOULD NOT EXCEED 75'0" W/O PULL BOX. ALL PULL BOXES SHALL BE STAINLESS STEEL WHERE EXPOSED & SHALL BE LOCATED IN ACCESSIBLE AREAS. FOR ABOVE SLAB INSTALLATIONS OR WHERE CONDUIT PASSES THROUGH RETURN AIR PLENUMS. PROVIDE 6" EMT CONDUIT(PVC WILL NOT BE PERMITTED). CONDUIT MUST BE PROVIDED BY GENERAL CONTRACTOR.

16GA. STAINLESS STEEL CORNER GUARDS SHALL BE FURNISHED & INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR AS PER PLANS & DETAILS.

## SPECIAL CONDITIONS SYMBOLS

| | |
|---|---|
| SLEEVE | ○ |
| SLAB DEPRESSION | |
| BLOCKOUT | |
| RAISED CURB | |
| WALL BACKING | |

## PHASE 1 (AREA - B) VENTILATION SCHEDULE

| ITEM | QTY. | SIZE | CONNECTION | C.F.M. | S.P. | REMARKS |
|---|---|---|---|---|---|---|
| V01 | 1 | 12" X 12" | EXHAUST | 1656 | 0.21" | FOR HOOD #B11 |
| V02 | 2 | 10" X 10" | EXHAUST | 772 | 0.16" | FOR HOOD #B11 |
| V03 | 1 | 16" X 12" | SUPPLY | 1325 | 0.25" | FOR HOOD #B11 |
| V04 | 2 | 12" X 12" | SUPPLY | 617.5 | 0.04" | FOR HOOD #B11 |
| V05 | 1 | 14" X 12" | EXHAUST | 2062 | 0.29" | FOR HOOD #B38 |
| V06 | 2 | 12" X 10" | EXHAUST | 1332 | 0.25" | FOR HOOD #B38 |
| V07 | 1 | 20" X 12" | SUPPLY | 1650 | 0.25" | FOR HOOD #B38 |
| V08 | 2 | 12" X 12" | SUPPLY | 1065.5 | 0.25" | FOR HOOD #B38 |
| V09 | 1 | 8" X 8" | EXHAUST | 475 | 0.37" | FOR HOOD #B61 |
| V10 | 1 | 16" DIAMETER | EXHAUST | 750 | 0.75" | FOR DISH MACHINE/ ITEM #B83 |

## VENTILATION NOTES

VENTILATION DUCTWORK, EXHAUST FANS, SUPPLY FANS, INTERLOCKS, MOTOR STARTERS, DISCONNECT SWITCHES, FAN CONTROL, SWITCHES, INTERCONNECTING WIRING, CONDUIT, & FINAL CONNECTIONS (TO & FROM) VENTILATORS &/OR DISHWASHER CONDENSATE HOODS SHALL BE BY H.V.A.C./MECHANICAL CONTRACTOR.

DISHWASHER CONDENSATE DUCT & EXHAUST VENTILATOR SUPPLY & EXHAUST, DUCT SIZES & ALL OTHER VENTILATION SPECIFICATIONS FROM THE DUCT COLLAR ON SHALL BE DETERMINED BY ARCHITECT/ENGINEER & ALL NECESSARY MATERIAL & LABOR PROVIDED BY H.V.A.C./MECHANICAL CONTRACTOR.

VENTILATION CFM, STATIC PRESSURE & DUCT SIZES INDICATED ON THESE PLANS ARE THE SPECIFIED EQUIPMENT MINIMUM REQUIREMENTS.

THE FOLLOWING MINIMUM GENERAL FOODSERVICE VENTILATION REQUIREMENTS ARE RECOMMENDED:

A. COOKING, PREPARATION, POTWASHING & DISHWASHING AREAS: REFER TO ASHRAE RECOMMENDATIONS FOR AIR CHANGES PER HOUR.

B. STORAGE AREAS: 2-3 AIR CHANGES PER HOUR, 70D FAHRENHEIT MAXIMUM AMBIENT TEMPERATURE.

C. OFFICES AREAS: 4 AIR CHANGES PER HOUR.

D. AIR-COOLED REFRIGERATION CONDENSING UNITS, 1000 CFM PER HORSEPOWER SUPPLY & EXHAUST, 90D FAHRENHEIT MAXIMUM AMBIENT TEMPERATURE. ALL AREAS MUST BE VENTILATED AS REQUIRED BY APPLICABLE GOVERNING CODES.

MAKE-UP AIR SYSTEM SHALL BE DESIGNED TO PROVIDE A 10% TO 20% NEGATIVE AIR PRESSURE IN KITCHEN AREAS TO CONTAIN SMOKE & ODORS.

ADEQUATE VENTILATION (24 HOURS) IS REQUIRED FOR SELF-CONTAINED REFRIGERATION UNITS IN ENCLOSED AREAS, SUCH AS, ICE MAKERS, WALK-IN COOLER ASSEMBLIES, & BEVERAGE SYSTEMS, TO PREVENT OVERHEATING & COMPRESSOR FAILURE.

## VENTILATION SYMBOLS

| | |
|---|---|
| EXHAUST DUCT | |
| SUPPLY DUCT | |
| STATIC PRESSURE, WATER GAUGE | SPWG |
| CUBIC FEET/MINUTE | CFM |


Perkins&Will

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920 Fifth Avenue,
Seattle, WA, 98104


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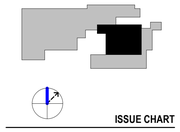
PHASE 1 PERMIT SET 04/24/2025

MultiCare
Good Samaritan
Hospital Kitchen
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

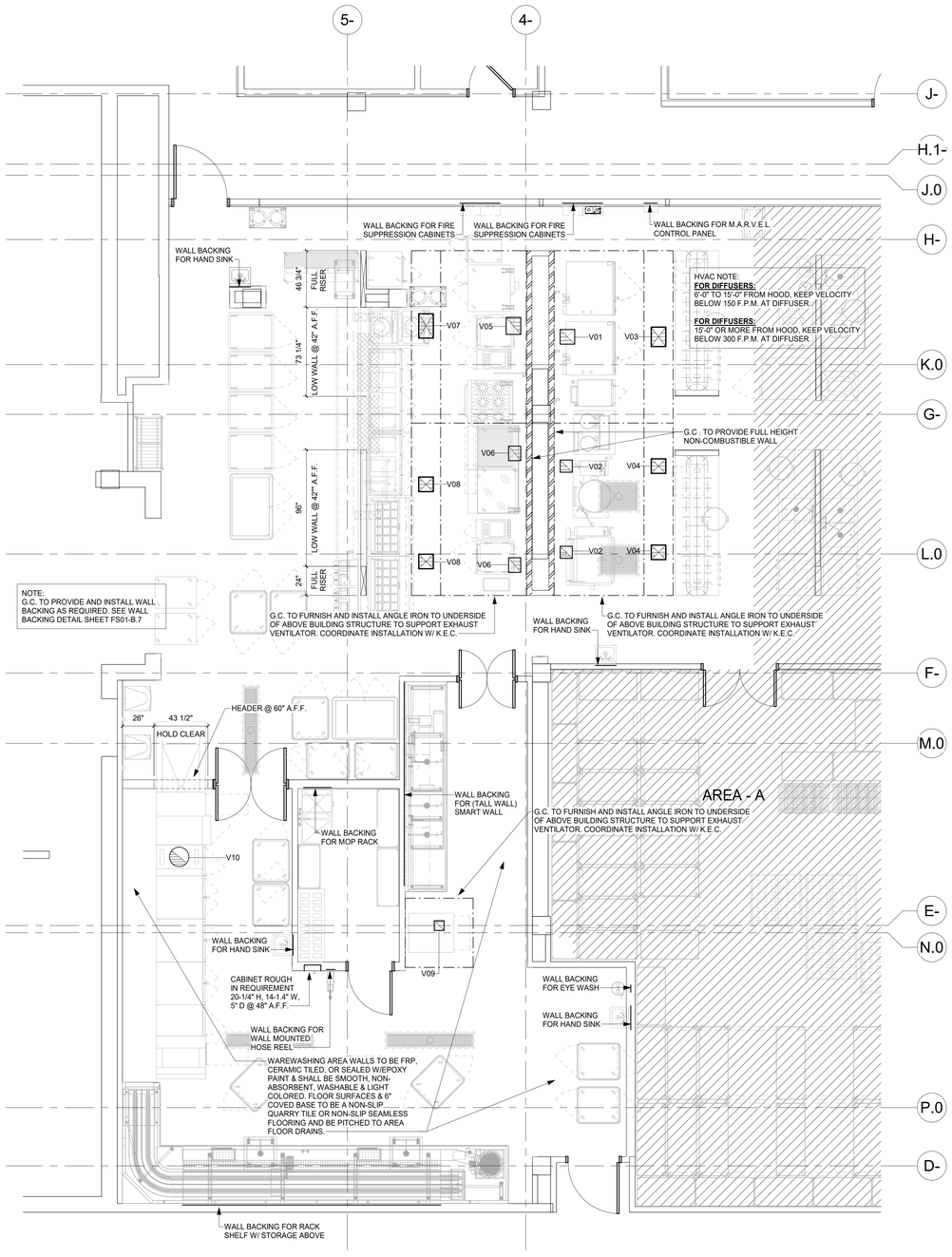
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PHASE 1 (AREA - B)
FINAL SPECIAL
CONDITIONS PLAN

SHEET NUMBER

FS01-B.5


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1 PHASE 1 (AREA - B) STEP 1 SPECIAL CONDITIONS PLAN
1/4" = 1'-0"

NOTE:
IN THIS STEP ALL SPECIAL CONDITIONS WORK WILL BE PERFORMED INCLUDING THE LOW WALL RUNNING PARALLEL TO GRID 5-
NOTE THE HEIGHT REQUIRED IS @ 42" A.F.F. THE CONDITIONS OF THAT LOW WALL WILL CHANGE IN STEP 2. REFER TO SHEET FS01-5.2
ALL OTHER WORK WILL BE COMPLETE.

## SPECIAL CONDITIONS NOTES

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## SPECIAL CONDITIONS SYMBOLS

| | |
|---|---|
| SLEEVE | ○ |
| SLAB DEPRESSION | |
| BLOCKOUT | |
| RAISED CURB | |
| WALL BACKING | |

## PHASE 1 (AREA - B) VENTILATION SCHEDULE

| ITEM | QTY. | SIZE | CONNECTION | C.F.M. | S.P. | REMARKS |
|---|---|---|---|---|---|---|
| V01 | 1 | 12" X 12" | EXHAUST | 1656 | 0.21" | FOR HOOD #B11 |
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| V03 | 1 | 16" X 12" | SUPPLY | 1325 | 0.25" | FOR HOOD #B11 |
| V04 | 2 | 12" X 12" | SUPPLY | 617.5 | 0.04" | FOR HOOD #B11 |
| V05 | 1 | 14" X 12" | EXHAUST | 2062 | 0.29" | FOR HOOD #B38 |
| V06 | 2 | 12" X 10" | EXHAUST | 1332 | 0.25" | FOR HOOD #B38 |
| V07 | 1 | 20" X 12" | SUPPLY | 1650 | 0.25" | FOR HOOD #B38 |
| V08 | 2 | 12" X 12" | SUPPLY | 1065.5 | 0.25" | FOR HOOD #B38 |
| V09 | 1 | 8" X 8" | EXHAUST | 475 | 0.37" | FOR HOOD #B61 |
| V10 | 1 | 16" DIAMETER | EXHAUST | 750 | 0.75" | FOR DISH MACHINE/ ITEM #B83 |

## VENTILATION NOTES

VENTILATION DUCTWORK, EXHAUST FANS, SUPPLY FANS, INTERLOCKS, MOTOR STARTERS, DISCONNECT SWITCHES, FAN CONTROL, SWITCHES, INTERCONNECTING WIRING, CONDUIT, & FINAL CONNECTIONS (TO & FROM) VENTILATORS &/OR DISHWASHER CONDENSATE HOODS SHALL BE BY H.V.A.C./MECHANICAL CONTRACTOR.

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D. AIR-COOLED REFRIGERATION CONDENSING UNITS, 1000 CFM PER HORSEPOWER SUPPLY & EXHAUST, 90D FAHRENHEIT MAXIMUM AMBIENT TEMPERATURE. ALL AREAS MUST BE VENTILATED AS REQUIRED BY APPLICABLE GOVERNING CODES.

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## VENTILATION SYMBOLS

| | |
|---|---|
| EXHAUST DUCT | |
| SUPPLY DUCT | |
| STATIC PRESSURE, WATER GAUGE | SPWG |
| CUBIC FEET/MINUTE | CFM |


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**CONSULTANTS**

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City of Puyallup
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Fire | Traffic

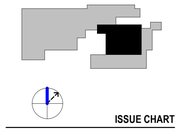
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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Job Number 24127

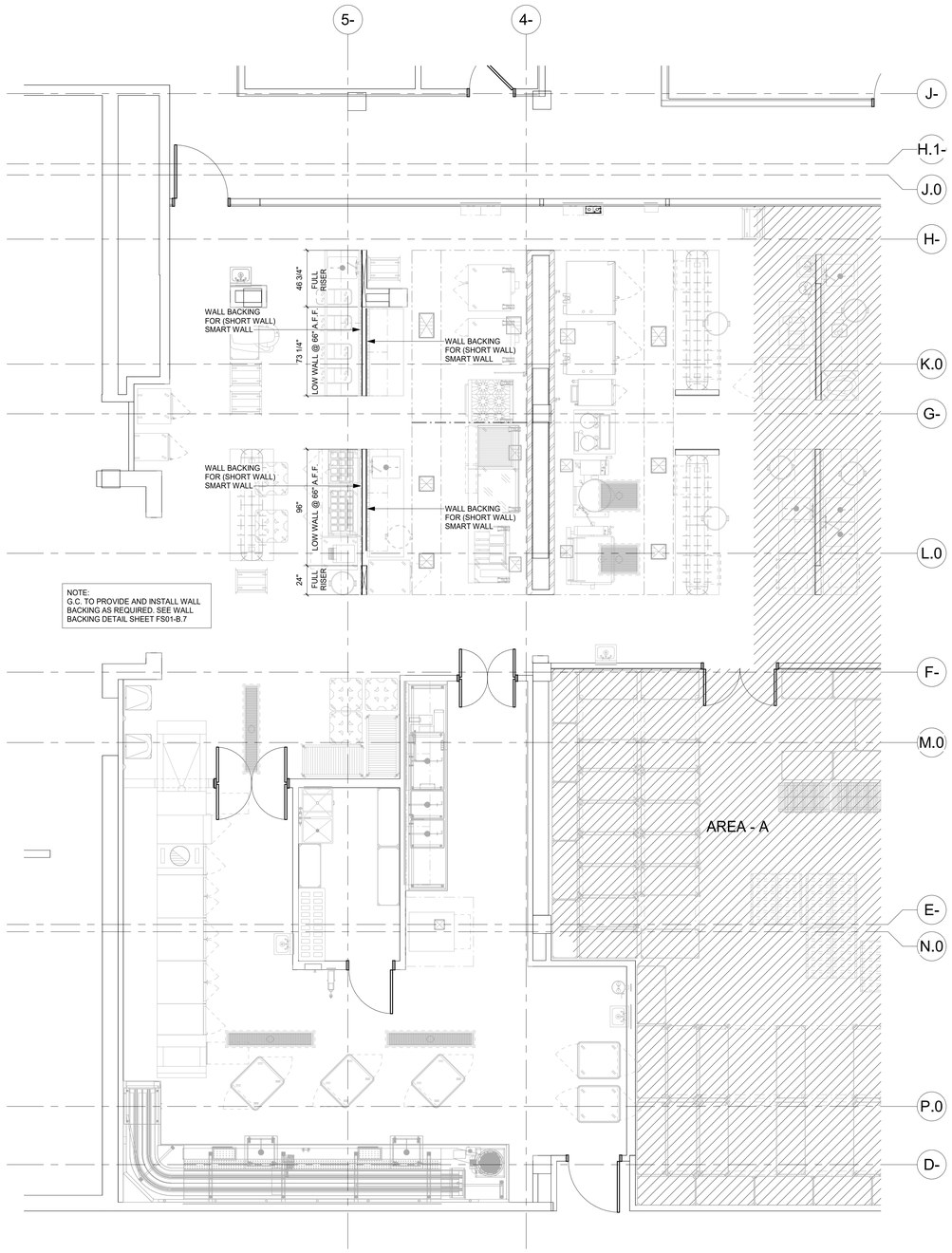
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**PHASE 1 (AREA - B) STEP 1 SPECIAL CONDITIONS PLAN**

SHEET NUMBER

**FS01-B.5.1**


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1 PHASE 1 (AREA - B) STEP 2 SPECIAL CONDITIONS PLAN
1/4" = 1'-0"

NOTE:
IN THIS STEP, IN ORDER FOR THE FINAL EQUIPMENT TO BE PLACED, THE CONDITION OF THE LOW WALL RUNNING PARALLEL TO GRID 5- CHANGES. NOTE THE REQUIRED HEIGHT @ 66" A.F.F.

# SPECIAL CONDITIONS NOTES

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CONCRETE & MASONRY BASES & CURBS SHALL BE SMOOTH & TRANSIT-LEVEL. ALL EXPOSED SURFACES SHALL BE FINISHED THE SAME AS FINISHED FLOOR. REFER TO PLAN FOR SIZES & ADDITIONAL INFORMATION.

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WHERE QUARRY TILE FLOORS ARE EXTENDED INTO WALK-IN FREEZER/COOLER ASSEMBLIES, GENERAL CONTRACTOR SHALL PROTECT ALL EXPOSED METAL SURFACES & REMOTE DOORS PRIOR TO ACID WASHING OF FLOORS & PROVIDE POWER VENTILATION TO REMOVE FUMES.

GENERAL CONTRACTOR SHALL PROVIDE WALL OPENINGS TO ACCOMMODATE ITEMS OF PASS-THRU & CONVEYOR EQUIPMENT AS DETAILED ON PLAN. REFER TO PLAN FOR ADDITIONAL INFORMATION.

BEVERAGE SYSTEM CONDUIT SHALL BE 6" MINIMUM DIAMETER W/24" MINIMUM RADIUS EASY-SWEEP BENDS @ ALL TURNS & FLOOR PENETRATIONS. CONDUITS SHALL BE RUN BELOW FLOOR SLAB WHERE EVER POSSIBLE & SHALL BE ROUTED TO PROVIDE THE SHORTEST RUNS POSSIBLE. RUNS SHOULD NOT EXCEED 75'0" W/O PULL BOX. ALL PULL BOXES SHALL BE STAINLESS STEEL WHERE EXPOSED & SHALL BE LOCATED IN ACCESSIBLE AREAS. FOR ABOVE SLAB INSTALLATIONS OR WHERE CONDUIT PASSES THROUGH RETURN AIR PLENUMS, PROVIDE 6" EMT CONDUIT(PVC WILL NOT BE PERMITTED). CONDUIT MUST BE PROVIDED BY GENERAL CONTRACTOR.

16GA. STAINLESS STEEL CORNER GUARDS SHALL BE FURNISHED & INSTALLED BY KITCHEN EQUIPMENT CONTRACTOR AS PER PLANS & DETAILS.

# SPECIAL CONDITIONS SYMBOLS

| | |
|---|---|
| SLEEVE | ○ |
| SLAB DEPRESSION | ▨ |
| BLOCKOUT | ▭ |
| RAISED CURB | ▦ |
| WALL BACKING | ——— |


Perkins&Will

1301 5th Ave
#2300, Seattle,
WA 98101
t +12063816000
www.perkinswill.com

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INMAN FOOD SERVICES
3807 Charlotte Avenue,
Nashville, Tennessee 37209

CIVIL
PRCTI20250548
AHBL
1200 6th Ave #1620,
Seattle, WA 98101

STRUCTURAL
PCS
1011 Western Avenue, Suite 810
Seattle WA 98104

CONTRACTOR
SELLEN
227 Westlake Ave,
Seattle, WA 98109

PLUMBING
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

MECHANICAL
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104


City of Puyallup
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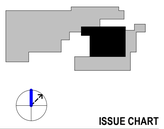
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 24127

TITLE

**PHASE 1 (AREA - B) STEP 2 SPECIAL CONDITIONS PLAN**

SHEET NUMBER

**FS01-B.5.2**


4/22/2025 2:05:19 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt

## HOOD INFORMATION TABLE

| HOOD NUMBER | HOOD MODEL | EXHAUST AIR FLOW REQUIREMENTS | | | | | | GREASE EXTRACTOR | | | | HOOD CONSTRUCTION | HOOD WEIGHT (LBS) | SUPPLY AIR REQUIREMENTS | | | | | PLENUM WEIGHT (LBS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EXHAUST CFM | TOTAL HOOD STATIC PRESSURE | T.A.B. PORT STATIC PRESSURE | EXHAUST COLLAR | | | QTY. | SIZE | | TYPE | | | SUPPLY CFM | SUPPLY STATIC PRESSURE | SUPPLY COLLAR | | | |
| | | | | | QTY. | LENGTH | WIDTH | | L | H | | | | | | QTY. | LENGTH | WIDTH | |
| B11L | KVE | 1544 | 0.16" | 0.11" | 2 | 10" | 10" | 7 | 20" | 13" | KSA | ALL 18 GA. 304 S.S. | 1120 | 1235 | 0.04" | 2 | 12" | 12" | 237 |
| | | | | | | | | - | 11" | 13" | | | | | | | | | |
| B11R | KVE | 1656 | 0.21" | 0.11" | 1 | 12" | 12" | 7 | 20" | 13" | KSA | ALL 18 GA. 304 S.S. | 1120 | 1325 | 0.25" | 1 | 16" | 12" | 237 |
| | | | | | | | | - | 11" | 13" | | | | | | | | | |
| B38L | KVE | 2062 | 0.29" | 0.17" | 1 | 14" | 12" | 7 | 20" | 13" | KSA | ALL 18 GA. 304 S.S. | 1091 | 1650 | 0.25" | 1 | 20" | 12" | 237 |
| | | | | | | | | - | 11" | 13" | | | | | | | | | |
| B38R | KVE | 2664 | 0.25" | 0.19" | 2 | 12" | 10" | 7 | 20" | 13" | KSA | ALL 18 GA. 304 S.S. | 1091 | 2131 | 0.25" | 2 | 12" | 12" | 237 |
| | | | | | | | | - | 11" | 13" | | | | | | | | | |

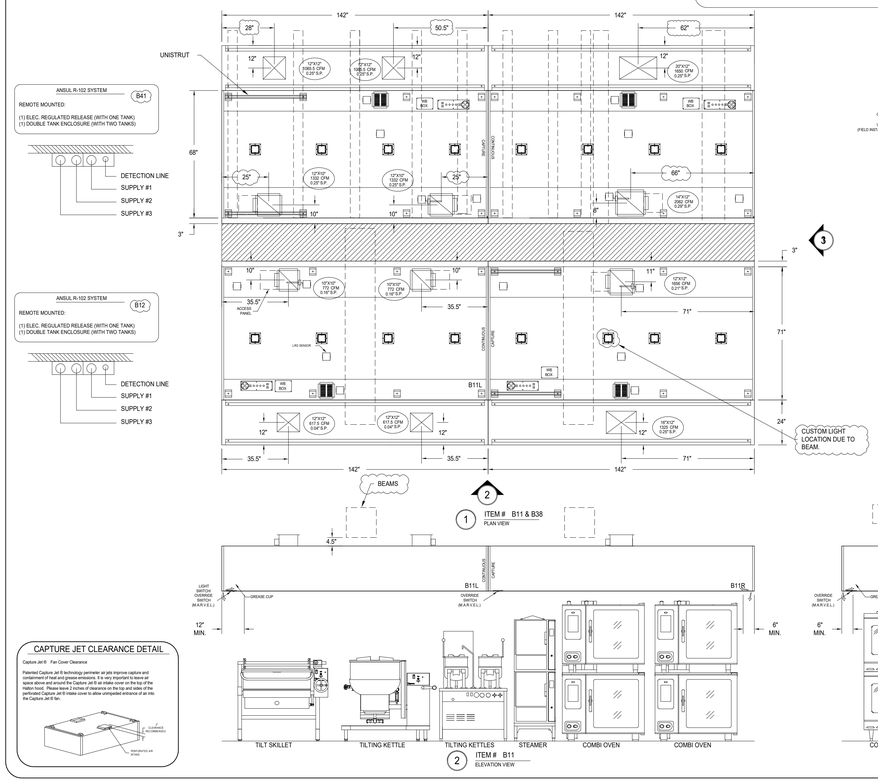
TOTAL EXH. CFM = 7926 TOTAL SUPPLY CFM = 6341

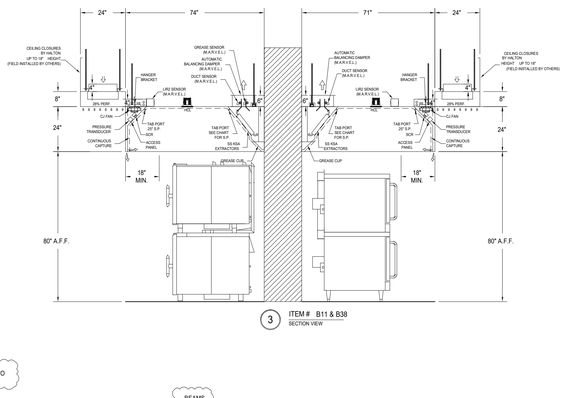
# PHASE 1 AREA B

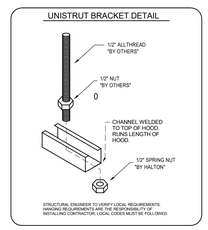
MAKE UP AIR GUIDELINES

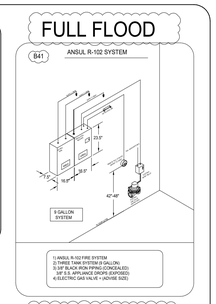
- VELOCITY MEASURED AT THE LOWER FRONT LIP OF THE HOOD SHALL NOT EXCEED 75 FPM.
- TRANSFER AIR FROM PARTS OF THE BUILDING OTHER THAN THE KITCHEN SHALL NOT EXCEED 50 FPM VELOCITY.
- NO SLOT, 2-WAY, 3-WAY OR 4-WAY CEILING DIFFUSER SHALL PROVIDE AIRFLOW DIRECTED AT HOOD. MUST INSTALL DIFFUSERS MINIMUM OF 48 " [1219 MM] AWAY FROM ALL OPEN SIDES OF HOODS*.

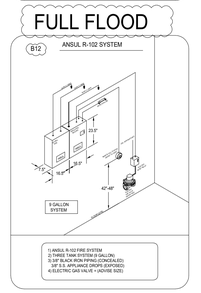
*EXCEPTION-HALTON KCDs MAY BE PLACED 24" [610 MM] AWAY FROM ALL OPEN SIDES OF HOODS.

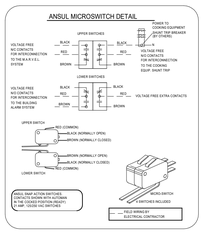



## GENERAL SPECIFICATIONS

1- HOOD CONSTRUCTION AND DESIGN MEETS NFPA 96, IMC SECTION 507 AND UL 710 STANDARD.

2- HOOD IS NSF AND ETL LISTED UNDER THE FOLLOWING FILE NUMBER: ETL #1031432/NFPRT-001

3- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

4- THE INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96, REMOVAL OF SMOKE AND GREASE LADEN VAPORS FROM COMMERCIAL COOKING EQUIPMENT.

5- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

6- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

7- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

## INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON MANUAL EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

6- IF HALTON MODEL KVL BACKSHELF STYLE HOODS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THE INSTALLATION OF THE CAPTURE-JET FAN.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

## ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES= .12 AMP EA.

LED LIGHT FIXTURES= .30 AMP EA

CAPTURE JET FAN= .72 AMP EA

**ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP**

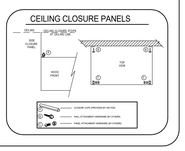
*"LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS"*

100W EQUIVALENT CFL OR LED BULBS ARE ACCEPTABLE FOR USE IN THE INCANDESCENT FIXTURE HOUSINGS

## CEILING HEIGHT NOTE

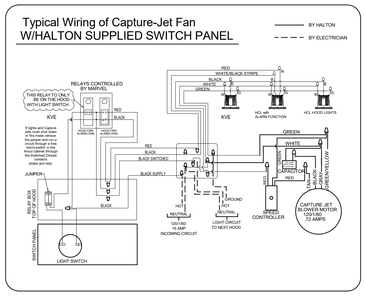
IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

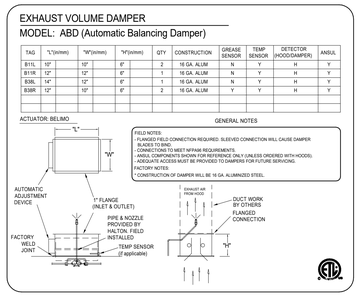
FINISHED CEILING HEIGHT A.F.F.: _____





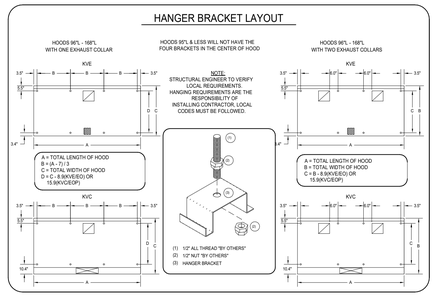


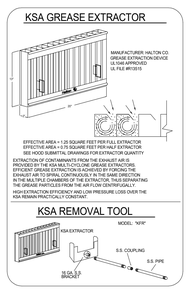



| TAG | "L"(inches) | "W"(inches) | "H"(inches) | QTY | CONSTRUCTION | GREASE SENSOR | TEMP. SENSOR | DETECTOR (HOOD/DAMPER) | ANSUL |
|---|---|---|---|---|---|---|---|---|---|
| B11L | 10" | 10" | 6" | 2 | 16 GA. ALUM. | N | Y | H | Y |
| B11R | 12" | 12" | 6" | 1 | 16 GA. ALUM. | N | Y | H | Y |
| B38L | 14" | 12" | 6" | 1 | 16 GA. ALUM. | N | Y | H | Y |
| B38R | 12" | 10" | 6" | 2 | 16 GA. ALUM. | N | Y | H | Y |

ACTUATOR: BELIMO




## PERFORMANCE CRITERIA

OTHER MANUFACTURERS WISHING TO OFFER AN ALTERNATE TO THE SPECIFIED MANUFACTURER MUST APPLY FOR PERMISSION TO DO SO IN WRITING FROM THE OFFICE OF THE SPECIFYING CONSULTANT. APPLICATION MUST BE RECEIVED BY THE CONSULTANT AT LEAST TEN WORKING DAYS PRIOR TO THE BID DATE. ANY ALTERNATE SYSTEM MUST MEET CONSTRUCTION AND PERFORMANCE REQUIREMENTS AND EFFICIENCIES AS OUTLINED IN THIS SPECIFICATION.

REQUESTS FOR APPROVAL MUST INCLUDE GREASE FILTRATION PERFORMANCE DATA (MICRON SIZE VS. EXTRACTION EFFICIENCY) AND MANUFACTURERS OWN EXHAUST AIR FLOW CALCULATIONS BASED ON THE CONVECTIVE HEAT LOAD OF COOKING EQUIPMENT BENEATH THE HOOD.

EFFICIENCY COMPARISON DATA TO BE PERFORMED IN ACCORDANCE WITH THE MOST CURRENT ASTM STANDARD F1704 AND INCLUDE RESULTS FOR THE REQUIRED CAPTURE AND CONTAINMENT EXHAUST AIR FLOW IN ACCORDANCE WITH THE "TEST METHOD TO DETERMINE THE THRESHOLD OF CAPTURE AND CONTAINMENT." DATA MUST INCLUDE THERMAL IMAGING RESULTS VALIDATING CONFORMANCE TO ASTM F1704 AND SUPPLY AIR TEMPERATURE REQUIREMENT OF 74°F.

MAKE UP AIR WILL BE CALCULATED SO THAT THE SAME AMOUNT OF AIR WILL BE TAKEN FROM THE ZONE AS IS REQUIRED BY THE SPECIFIED SYSTEM. AN ADDITIONAL LOAD CANNOT BE PLACED ON THE KITCHEN HVAC SYSTEM.

MANUFACTURER MUST PROVIDE A WRITTEN GUARANTEE OF PERFORMANCE, ENSURING THE SPECIFYING ENGINEER THAT THE SYSTEM WILL PERFORM TO THE ENGINEER'S SATISFACTION WHEN INSTALLED AND BALANCED ACCORDING TO DESIGN AIR FLOWS AND RESULTS OF ASTM STANDARD F1704 TEST. (AS DETERMINED BY TAB PORTS AND PRESSURE VS. AIR FLOW CURVES.) CONSULTANT RESERVES THE RIGHT TO REJECT ANY SYSTEM WHICH, WHEN INSTALLED, DOES NOT PROVIDE CAPTURE AND CONTAINMENT AT THE THRESHOLD FLOW RATE DETERMINED
IN ASTM F1704. REJECTED SYSTEM MUST BE REPLACED WITH SPECIFIED SYSTEM, WITH ALL REPLACEMENT COSTS PAID BY MANUFACTURER OF REJECTED SYSTEM.

ANY CHANGES IN THE SPECIFIED SIZING OF POWER WIRING, FAN SIZE, HORSEPOWER REQUIREMENTS, OR GAS LINES DUE TO THE USE OF ANY SYSTEM OTHER THAN THAT WHICH IS SPECIFIED IS THE RESPONSIBILITY OF THE ALTERNATE HOOD MANUFACTURER, AND MUST BE COORDINATED BY THE HOOD MANUFACTURER AND CONTRACTORS INVOLVED.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:

1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS AND CLEARANCES
2. AND CONFIRM TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER:
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT POSITION MAY AFFECT EXHAUST AIRFLOW. HALTON MUST BE NOTIFIED IF ANY OF THESE CHANGES ARE MADE. FAILURE TO DO SO MAY VOID WARRANTY AND SYSTEM MAY BE REJECTED.

APPROVED FOR FABRICATION ☐ WITH CHANGES AS NOTED
☐ WITH NO CHANGES ☐ REVISE AND RESUBMIT

APPROVED BY DATE

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:
HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301

| REV. | REVISION DESCRIPTION | BY | DATE |
|---|---|---|---|
| 1 | RESIZED AND MOVED COLLARS AROUND DUE TO BEAMS | CT | 02.07.25 |
| 2 | ADDED PLENUMS | RTC | 02.10.25 |
| 3 | NO CHANGE | KB | 03.05.25 |
| 4 | CORRECTED COLLARS & AIRFLOWS | RTC | 04.04.25 |

PROJECT: 24127 GOOD SAMARITAN MULTICARE - PHASE B
LOCATION:
DRAWN BY: RTC
SCALE: NOT TO SCALE
CONSULTANT:
DATE: 12.13.24

DRAWING TITLE: HOOD DETAILS

DRAWING No.: U24-977

REV. NO.: 4 SHEET NO.: 1 of 3

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5900
WEBSITE: www.halton.com

Halton

City of Puyallup
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Perkins&Will
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#2300, Seattle,
WA 98101
t +1206381600
www.perkinswill.com


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INMAN FOOD SERVICES
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CIVIL
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1011 Western Avenue, Suite 810
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CONTRACTOR
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227 Westlake Ave,
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PLUMBING
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ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104

PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | | 24127 |

TITLE
PHASE 1 (AREA - B)
HOOD DETAILS 1 OF 3
HALTON DOCUMENTS

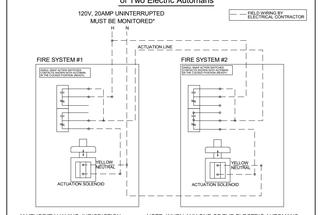
SHEET NUMBER
FS01-B.6


4/18/2025 3:14:09 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt

# PHASE 1 AREA B

## ANSUL DETAILS

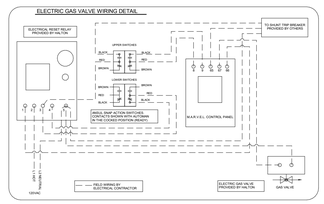
Wiring Diagram for Simultaneous Actuation of Two Electric Automans

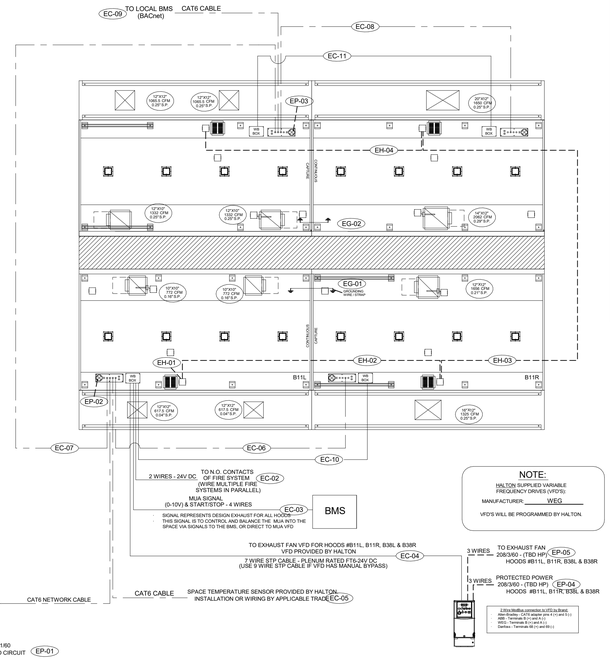



*AUTHORITY HAVING JURISDICTION (AHJ) MAY WAIVE THIS REQUIREMENT, AS THE ANSUL SYSTEMS INCLUDE MECHANICAL DETECTION AND ACTUATION AS A BACKUP DETECTION SYSTEM.

NOTE: WHEN ANY ONE OF THE ELECTRIC AUTOMANS IS ACTIVATED, THE MICROSWITCH WILL TRANSFER TO THE N.O. POSITION COMPLETING THE CIRCUIT TO THE SOLENOID IN THE OTHER ELECTRIC AUTOMAN. THIS WILL ACTIVATE THE AUTOMAN SOLENOID FIRING THE AUTOMAN.

ELECTRIC GAS VALVE WIRING DETAIL




NOTE:
HALTON SUPPLIED VARIABLE FREQUENCY DRIVES (VFD'S)
MANUFACTURER: WEG
VFD'S WILL BE PROGRAMMED BY HALTON.

### ELECTRICAL CONNECTION SCHEDULE

| CONNECTION # | CONNECTION DESCRIPTION | TYPE | FROM | TO |
|---|---|---|---|---|
| | HOOD CONNECTIONS (EH) | | | |
| EH-01 | HOOD LIGHT & CAPTURE JET POWER | 3-WIRE, 120V, 15A | BUILDING SOURCE | HOOD B11L |
| EH-02 | HOOD TO HOOD - FIELD CONNECTION | 3-WIRE, 120V | HOOD B11L | HOOD B11R |
| EH-03 | HOOD TO HOOD - FIELD CONNECTION | 3-WIRE, 120V | HOOD B11R | HOOD B38L |
| EH-04 | HOOD TO HOOD - FIELD CONNECTION | 3-WIRE, 120V | HOOD B38L | HOOD B38R |
| | CONTROLS POWER CONNECTIONS (EP) | | | |
| EP-01 | CONTROL PANEL POWER | 3-WIRE, 120V, 15A | BUILDING SOURCE | TOUCH SCREEN |
| EP-02 | HOOD CONTROLLER POWER | 3-WIRE, 120V, 15A | BUILDING SOURCE | HOOD B11L |
| EP-03 | HOOD CONTROLLER POWER | 3-WIRE, 120V, 15A | BUILDING SOURCE | HOOD B38R |
| EP-04 | VFD POWER (HIGH VOLTAGE) | 3-WIRE, TBD/3/60, TBD HP | BUILDING SOURCE | EXH FAN VFD |
| EP-05 | EXH FAN POWER (HIGH VOLTAGE) | 3-WIRE, TBD/3/60, TBD HP | EXH FAN VFD | EXH FAN MOTOR |
| | CONTROLS CONNECTIONS (EC) | | | |
| EC-01 | NETWORK CABLE - PANEL TO HOODS | CAT6 | TOUCH SCREEN | HOOD B11L |
| EC-02 | FIRE MODE SIGNAL | 2-WIRE, 24V | HOOD B11L | FIRE SYSTEM |
| EC-03 | MUA SIGNAL - START/STOP, DEMAND LEVEL (0-10V) | 4-WIRE, 24V | HOOD B11L | BMS |
| EC-04 | VFD CONTROL WIRING | 7-WIRE, 24V, PLEMUM RATED | HOOD B11L | EXH FAN VFD |
| EC-05 | SPACE TEMP SENSOR - FIELD CONNECTION | CAT6 | HOOD B11L | TEMP SENSOR |
| EC-06 | NETWORK CABLE - HOOD PAIR - PRIMARY TO SECONDARY | CAT6 | HOOD B11L | HOOD B11R |
| EC-07 | NETWORK CABLE - HOOD CONTROLLER TO HOOD CONTROLLER | CAT6 | HOOD B11L | HOOD B38R |
| EC-08 | NETWORK CABLE - HOOD PAIR - PRIMARY TO SECONDARY | CAT6 | HOOD B38R | HOOD B38L |
| EC-09 | BMS(BACNET) CONNECTION | CAT6 | HOOD B38R | BMS |
| EC-10 | 24V POWER - 2 WIRES | 2-WIRE, 24V | HOOD B11L | HOOD B11R |
| EC-11 | 24V POWER - 2 WIRES | 2-WIRE, 24V | HOOD B38R | HOOD B38L |
| | GROUND CONNECTIONS (EG) | | | |
| EG-01 | GROUNDING WIRE / STRAP - HOOD PAIR | GROUNDIGN WIRE / STRAP | HOOD B11L | HOOD B11R |
| EG-02 | GROUNDING WIRE / STRAP - HOOD PAIR | GROUNDIGN WIRE / STRAP | HOOD B38R | HOOD B38L |

### HOOD GROUPINGS

| PRIMARY | SECONDARY |
|---|---|
| B11L | B11R |
| B38R | B38L |

### M.A.R.V.E.L. BASIC SEQUENCE OF OPERATIONS

- [x] M.A.R.V.E.L.

START UP & SHUTDOWN
- OFF
- IDLE
- COOKING OR ACTIVE MODE

MAKE UP AIR
- START/STOP
- 0-10V OUTPUT TOTAL MUA DEMAND

FIRE MODE SEQUENCE

STANDARD OVERRIDE FEATURE - HMI
- [x] ABDS - INDIVIDUAL HOOD CONTROL
- [ ] MBDS - GROUP HOOD CONTROL
- [ ] NO BALANCING DAMPERS

- [x] HALTON CONNECT (EDGE)
- [x] ROOM TEMP SENSOR

### COMMUNICATION WIRING NOTE:

MAXIMUM LENGTH OF CABLES BETWEEN ANY THREE CONTROLLERS (CONTROL PANELS, HOODS, ETC) IN SERIES IS 328 FEET (100 METERS). THIS ALLOWS CONTINUED COMMUNICATION THROUGH A FAILED CONTROLLER. IF GREATER CABLE LENGTH IS NEEDED BETWEEN CONTROLLERS, AN INLINE ETHERNET BOOSTER MUST BE SPECIFIED AND USED.

### NOTES:

ALL FIELD WIRING AND CONNECTION POINTS ARE SUBJECT TO CHANGE DUE TO ELECTRICAL COMPONENT(S) UPDATE OR OBSOLESCENCE. HALTON WILL NOT BE LIABLE FOR ANY CHANGE ORDERS BASED ON DRAWINGS CREATED ONE OR MORE YEARS PRIOR TO PRODUCTION. WHEN RELEASED AN UPDATED SET OF ELECTRICAL DIAGRAMS(S) WILL BE SUPPLIED.

### CONNECTIVITY NOTES:

IF COMMUNICATION WITH BUILDING MANAGEMENT SYSTEM (BMS) IS VIA BACNET, THE COMMUNICATION PROTOCOL DEFAULT IS BACNET IP.

## M.A.R.V.E.L. SCOPE OF WORK

RESPONSIBILITY TO BE SELECTED BY GENERAL CONTRACTOR

DEFINITIONS FOR REFERENCE:

M.A.R.V.E.L. I SYSTEMS = 1 EXHAUST FAN SERVING 1 KITCHEN HOOD

M.A.R.V.E.L. II SYSTEMS = 1 EXHAUST FAN SERVING MULTIPLE KITCHEN HOODS

VFD = VARIABLE FREQUENCY DRIVES

CONNECTION LOCATIONS WILL VARY PER SYSTEM, REFER TO HALTON M.A.R.V.E.L. DIAGRAMS FOR SPECIFICS

1. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE M.A.R.V.E.L. CONTROL PANEL. LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN SAME SPACE AS THE KITCHEN HOODS BEING SERVED BY PANEL. (M.A.R.V.E.L. I HOOD SYSTEMS WILL NOT HAVE SUCH PANEL)
2. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT M.A.R.V.E.L. CONTROL PANEL
3. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL RJ45 CAT6 CABLE CONNECTION AT M.A.R.V.E.L. CONTROL PANEL FOR M.A.R.V.E.L. II SYSTEMS OR AT KITCHEN HOOD FOR M.A.R.V.E.L. I SYSTEMS FOR I.P. ADDRESS.
4. APPLICABLE CONTRACTOR TO INSTALL SPACE TEMP SENSOR (SUPPLIED BY HALTON) IN SAME SPACE AS KITCHEN HOOD SYSTEM AND 48"-54" A.F.F. NEAREST MUA T-STAT.
5. APPLICABLE CONTRACTOR SHALL SUPPLY AND RUN RJ45 CAT6 CABLE CONNECTION FROM SPACE TEMP SENSOR TO M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR TO KITCHEN HOOD (M.A.R.V.E.L. I)
6. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 2 WIRE 24V DC WIRING FROM ANSUL FIRE SYSTEM EITHER TO M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR TO KITCHEN HOOD (M.A.R.V.E.L. I).
7. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM HOOD TO HOOD AND TO PANEL AS SHOWN IN HALTON M.A.R.V.E.L. DIAGRAM.
8. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 4 WIRE MUA SIGNAL (0-10V & START/STOP) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO BMS OR DDC.
9. APPLICABLE CONTRACTOR TO SUPPLY AND RUN 7 WIRE STP PLENUM RATED CABLE (9 WIRE STP CABLE IF VFD IS PROVIDED WITH BYPASS) FROM M.A.R.V.E.L. CONTROL PANEL (M.A.R.V.E.L. II) OR FROM KITCHEN HOOD (M.A.R.V.E.L. I) TO EXHAUST FAN VFD(S) (VFD'S AND CABINET SUPPLIED BY HALTON UNLESS OTHERWISE NOTED)
10. APPLICABLE CONTRACTOR TO SUPPLY AND RUN RJ45 CAT6 CABLE FROM CONTROL PANEL TO VFD, FOR MODBUS COMMUNICATION.
11. APPLICABLE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE VFD(S). LOCATION TO BE DETERMINED BY GC AND SHALL BE WITHIN 150 FEET MAX DISTANCE FROM EXHAUST FAN(S).
12. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FEED FROM CIRCUIT BREAKER(S) TO VFD(S). APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL THREE PHASE OR SINGLE PHASE POWER FROM VFD(S) TO EXHAUST / MUA (IF APPLICABLE) MOTORS. ALL TO BE RAN IN SEPARATE CONDUIT.
13. APPLICABLE CONTRACTOR SHALL INSTALL GREASE SENSOR(S), IF PROVIDED, IN MAIN EXHAUST TRUNK, AND WIRE THE SENSOR BACK TO THE DESIGNATED LOCATION.
14. APPLICABLE CONTRACTOR TO SUPPLY AND INSTALL 115V (15AMP) DEDICATED CIRCUIT AT EACH KITCHEN HOOD. (IF HOODS ARE UV, A SECOND 115V DEDICATED CIRCUIT IS REQUIRED.)
15. INSTALLING CONTRACTOR TO BE RESPONSIBLE FOR PROVIDING ADEQUATE ACCESS TO ALL COMPONENTS LOCATED ABOVE HOOD.
16. HALTON REPRESENTATIVE TO PERFORM FINAL FIELD COMMISSIONING ONCE ALL RESPONSIBILITIES ARE COMPLETED ABOVE.

### NOTES:

ALL WIRING AND CABLING TO BE PROVIDED BY ELECTRICAL CONTRACTOR UNLESS STATED OTHERWISE

### NOTES:

ALL FAN MOTORS MUST BE COMPATIBLE WITH VARIABLE FREQUENCY DRIVES (VFD'S). ALL MOTORS MUST BE CONNECTED TO THREE PHASE POWER. ELECTRONICALLY COMMUTATED MOTORS (ECM) ARE ALSO ACCEPTABLE IF SINGLE PHASE POWER IS TO BE USED. (24V POWER SUPPLY TO THE ECM IS BY OTHERS)

### NOTES:

ALL VARIABLE FREQUENCY DRIVES (VFD'S) MUST BE INSTALLED WITHIN 150' OF THE EXHAUST FAN.

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS
2. THE LOCATION AND TYPE OF COOKING EQUIPMENT.

NOTE TO APPROVER
ONCE APPROVED, ANY CHANGE TO EQUIPMENT SIZE, AS SUPERSEDED ENERGY SAVING EQUIPMENT WITH SAME POSITION MAY AFFECT EXHAUST AIRFLOW. HALTON MUST BE NOTIFIED IF ANY OF THESE CHANGES OCCUR. A RECALCULATION EXHAUST AIRFLOW MAY BE REQUIRED.

☐ REVISE AND RESUBMIT

APPROVED FOR FABRICATION
☐ WITH NO CHANGES
☐ WITH CHANGES AS NOTED

APPROVED BY _____ DATE _____

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0301

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5600

WEBSITE: www.halton.com

| REV. | REVISION DESCRIPTION | BY | DATE |
|---|---|---|---|
| 1 | REVISED HOOD AND CONNECTIONS | CT | 02.07.25 |
| 2 | REVISED HOODS | RTC | 02.10.25 |
| 3 | NO CHANGE | KB | 03.05.25 |
| 4 | REVISED COLLAR BUBBLES | RTC | 04.04.25 |

PROJECT: 24127 GOOD SAMARITAN MULTICARE - PHASE B
LOCATION:
DRAWN BY: RTC
DATE: 12.13.24
SCALE: NOT TO SCALE
CONSULTANT: INMAN

DRAWING TITLE: DEMAND CONTROL DETAILS
DRAWING No.: U24-977
REV. NO.: 4
SHEET NO.: 2 of 3

Halton

### FAN CONFIGURATION DATA FOR M.A.R.V.E.L.

Exhaust Data:

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____ ____ / ___ / ___
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____ ____ / ___ / ___
Hood Item #'s connected to this fan: _____

EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____ ____ / ___ / ___
Hood Item #'s connected to this fan: _____

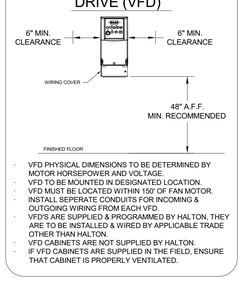
EF Item #: _____ Voltage/Phase/Hertz: _____
EF HP: _____ ____ / ___ / ___
Hood Item #'s connected to this fan: _____

Make Up Air Data:

Quantity of MUA "Zones": _____
Hood Item #'s located in Zone 1: _____
Hood Item #'s located in Zone 2: _____

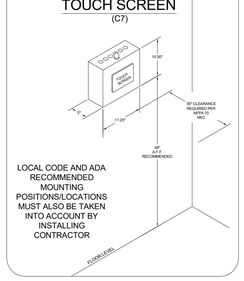
NOTE: Above information must be completed in full prior to project being released for production. If more than four exhaust fans or two MUA zones are being used, please provide this data as well.

### VARIABLE FREQUENCY DRIVE (VFD)



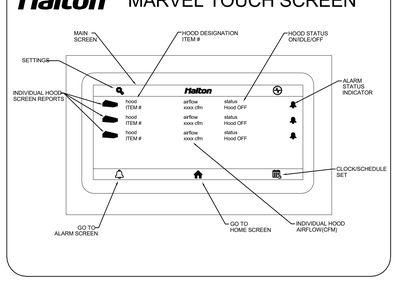

- VFD PHYSICAL DIMENSIONS TO BE DETERMINED BY MOTOR HORSEPOWER AND VOLTAGE.
- VFD TO BE MOUNTED IN DESIGNATED LOCATION.
- VFD MUST BE LOCATED WITHIN 150' OF FAN MOTOR.
- INSTALL SEPERATE CONDUITS FOR INCOMING & OUTGOING WIRING FROM EACH VFD.
- VFD'S ARE SUPPLIED & PROGRAMMED BY HALTON, THEY ARE TO BE INSTALLED & WIRED BY APPLICABLE TRADE OTHER THAN HALTON.
- VFD CABINETS ARE NOT SUPPLIED BY HALTON.
- IF VFD CABINETS ARE SUPPLIED IN THE FIELD, ENSURE THAT CABINET IS PROPERLY VENTILATED.

### M.A.R.V.E.L. TOUCH SCREEN (C7)




LOCAL CODE AND ADA RECOMMENDED MOUNTING POSITIONS/LOCATIONS MUST ALSO BE TAKEN INTO ACCOUNT BY INSTALLING CONTRACTOR

### Halton MARVEL TOUCH SCREEN




### M.A.R.V.E.L. SYSTEM

#### M.A.R.V.E.L. EQUIPMENT CONNECTED LOADS

M.A.R.V.E.L. CONTROL PANEL= 10 AMPS EA.

M.A.R.V.E.L. PLC AT EACH HOOD SECTION= 4 AMPS EA. (MAXIMUM 3 M.A.R.V.E.L. HOOD PLCS PER 15A CIRCUIT)

**ALL CIRCUITS ARE NOT TO EXCEED 15 AMP**

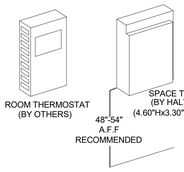
#### NOTES:

- FIELD WIRING (BY E.C.) - 120V - 12AWG MIN.-10AWG MAX.
- FIELD WIRING (BY E.C.) - 24V - 22AWG MIN.-16AWG MAX.
- FIELD WIRING (BY E.C.) - 24V - CAT6

(FIG 1-1)

### SPACE TEMPERATURE SENSOR

CAT6 COMMUNICATION CABLE TO M.A.R.V.E.L. CONTROL PANEL BY ELECTRICAL CONTRACTOR




TEMPERATURE SENSOR TO BE MOUNTED AWAY FROM VARYING SOURCES OF HEAT. USUALLY IN CLOSE PROXIMITY TO THE ROOM THERMOSTAT. SENSOR TO BE LOCATED IN SAME "ZONE" AS HOODS THEY SERVE, BY NO CLOSER THAN 10'-12' FROM THE EXHAUST HOOD OR ANY OTHER UNHOODED APPLIANCES.


Perkins&Will
1301 5th Ave
#2300, Seattle,
WA 98101
t +12063816000
www.perkinswill.com


**CONSULTANTS**

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Nashville, Tennessee 37209

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AHBL
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Seattle, WA 98101

PRCTI20250548

STRUCTURAL
PCS
1011 Western Avenue, Suite 810
Seattle WA 98104

CONTRACTOR
SELLEN
227 Westlake Ave,
Seattle, WA 98109

PLUMBING
MACDONALD MILLER
1004 Madison St.
Seattle, WA 98104

MECHANICAL
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104

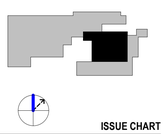
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | | 24127 |

TITLE
PHASE 1 (AREA - B)
DEMAND CONTROL DETAILS 2 OF 3 HALTON DOCUMENTS

SHEET NUMBER
FS01-B.6.1

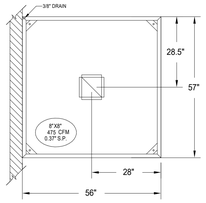

4/18/2025 3:14:10 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD/Multicare-Kitchen-Phase-B-R25.rvt

## HOOD INFORMATION TABLE

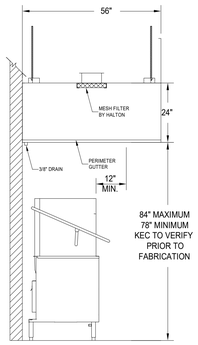
| HOOD NUMBER | HOOD MODEL | EXHAUST AIR FLOW REQUIREMENTS | | | | | | GREASE EXTRACTOR | | | | HOOD CONSTRUCTION | HOOD WEIGHT (LBS) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | EXHAUST CFM | TOTAL HOOD STATIC PRESSURE | T.A.B. PORT STATIC PRESSURE | EXHAUST COLLAR | | | QTY. | SIZE | | TYPE | | |
| | | | | | QTY. | LENGTH | WIDTH | | L | H | | | |
| B61 | CH | 475 | 0.37" | - | 1 | 8" | 8" | 1 | 12" | 12" | MESH | ALL 18 GA. 304 S.S. | 221 |

TOTAL EXH. CFM = 475

# PHASE 1 AREA B

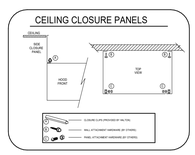



2 ITEM # B61
PLAN VIEW




2 ITEM # B61
SECTION VIEW

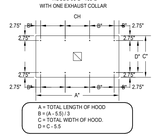
## CEILING CLOSURE PANELS



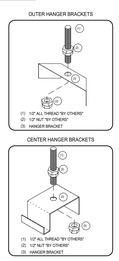

## HANGER BRACKET LAYOUT

NOTE:
STRUCTURAL ENGINEER TO VERIFY LOCAL REQUIREMENTS HANGING ARE THE RESPONSIBILITY OF INSTALLING CONTRACTORS. LOCAL CODES MUST BE FOLLOWED.

HOODS 96"L - 168"L
WITH ONE EXHAUST COLLAR




HOODS 95"L & LESS WILL NOT HAVE THE FOUR BRACKETS IN THE CENTER OF HOOD




## GENERAL SPECIFICATIONS

1- HOOD IS NSF LISTED.

2- ALL INSTALLATION WORK IS TO BE PERFORMED BY QUALIFIED PERSONS AND IN ACCORDANCE WITH STATE AND LOCAL BUILDING CODE REQUIREMENTS.

3- ALL EXHAUST DUCTWORK AND TRANSITIONS ARE TO BE PROVIDED BY THE HVAC CONTRACTOR.

4- CLEARANCE FROM HOOD AND DUCTS TO COMBUSTIBLE MATERIAL SHALL BE PER APPLICABLE BUILDING CODES.

5- FOR PROPER OPERATION OF THE HOOD SYSTEM, IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO HAVE THE HOOD BALANCED AND TESTED TO ENSURE THAT THE EXHAUST AND SUPPLY REQUIREMENTS OF THE HOOD ARE MET.

## INSTALLATION REQUIREMENTS

KITCHEN EQUIPMENT CONTRACTOR'S REQUIREMENTS

1- PROVIDE DRAWINGS TO APPROPRIATE TRADES REFERENCING UTILITY SERVICE AND COORDINATE FINAL CONNECTION.

2- DELIVER, ASSEMBLE AND INSTALL HALTON SYSTEM PER DRAWING.

3- FURNISH WIRING AND PLUMBING DIAGRAMS TO END USER.

4- THE K.E.C MUST INFORM HALTON OF ANY CHANGES IN EQUIPMENT OR BUILDING STRUCTURE. FIELD MODIFICATIONS ARE THE RESPONSIBILITY OF THE K.E.C.

5- IF HALTON EXHAUST VOLUME DAMPERS ARE PROVIDED, THE K.E.C. IS RESPONSIBLE FOR THEIR INSTALLATION OR TO MAKE ARRANGEMENTS WITH OTHER TRADES FOR THEIR INSTALLATION.

ELECTRICAL CONTRACTOR'S REQUIREMENTS

1- PROVIDE AND CONNECT ALL REQUIRED VOLTAGES, CONNECTORS, WIRING, CONDUIT, ETC., PER NEC AND ALL APPLICABLE LOCAL CODES.

## ELECTRICAL EQUIPMENT REQUIREMENTS

FLUORESCENT LIGHT FIXTURE
40 WATT MAX BULB= .67 AMP EA.

RECESSED INCANDESCENT LIGHT FIXTURE
150 WATT MAX BULB= 1.25 AMP EA.

GLOBE INCANDESCENT LIGHT FIXTURE
100 WATT MAX BULB= .83 AMP EA.

HCL LIGHT FIXTURES=. 12 AMP EA.

LED LIGHT FIXTURES=. 30 AMP EA.

**ALL HOOD CIRCUITS ARE NOT TO EXCEED 15 AMP**

**LIGHT BULBS, IF REQUIRED, ARE TO BE PROVIDED BY OTHERS**
100W EQUIVALENT CFL OR LED BULBS ARE ACCEPTABLE FOR USE IN THE INCANDESCENT FIXTURE HOUSINGS

## CEILING HEIGHT NOTE

IF HALTON COMPANY IS TO PROVIDE CEILING CLOSURE PANELS, THE EXACT DIMENSION OF THE FINISHED CEILING HEIGHT MUST BE PROVIDED PRIOR TO RELEASE.

FINISHED CEILING HEIGHT A.F.F.: _____

THIS DRAWING MUST BE CHECKED, SIGNED AND RETURNED TO THE APPROPRIATE FACTORY. PLEASE VERIFY THE FOLLOWING:
1. ALL DIMENSIONAL INFORMATION, MOUNTING POSITIONS AND CLEARANCES
2. THE CORRECT TYPE OF COOKING EQUIPMENT.
NOTE TO APPROVER:
ANY CHANGES IN COOKING EQUIPMENT SUCH AS INCREASED ENERGY INPUTS OR EQUIPMENT POSITIONS MAY AFFECT EXHAUST AIRFLOW. HALTON MUST BE NOTIFIED IF ANY OF THESE CHANGES ARE MADE AFTER HOOD DRAWINGS ARE APPROVED.

REVISE AND RESUBMIT
APPROVED FOR FABRICATION — WITH CHANGES AS NOTED
WITH NO CHANGES

APPROVED BY _____ DATE _____

NSF

WEBSITE: www.halton.com

HALTON CO. (USA)
101 INDUSTRIAL DRIVE
SCOTTSVILLE, KY 42164
1-270-237-5900

MAIL APPROVED DRAWINGS TO APPROPRIATE FACTORY BELOW:

HALTON CO. (CANADA)
1021 BREVIK PLACE
MISSISSAUGA, ON L4W 3R7
1-905-624-0260

| REV. | REVISION DESCRIPTION | DATE | BY |
|---|---|---|---|
| 1 | ADDED SHEET | 02.07.25 | CT |
| 2 | NO CHANGE | 02.10.25 | RTC |
| 3 | NO CHANGE | 03.05.25 | KB |
| 4 | NO CHANGE | 04.04.25 | RTC |
| 5 | | | |
| 6 | | | |
| 7 | | | |

PROJECT: 24127 GOOD SAMARITAN MULTICARE - PHASE B
LOCATION:
DRAWN BY: CT
SCALE: NOT TO SCALE
DATE: 02.07.25
CONSULTANT:

Halton

DRAWING TITLE: HOOD DETAILS

DRAWING No.: U24-997

REV. NO.: 4

SHEET NO.: 3 of 3

4/18/2025 3:14:11 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt

Perkins&Will


1301 5th Ave
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**CONSULTANTS**

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CIVIL
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AHBL
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Seattle, WA 98101

STRUCTURAL
PCS
1011 Western Avenue, Suite 810
Seattle WA 98104

CONTRACTOR
SELLEN
227 Westlake Ave,
Seattle, WA 98109

PLUMBING
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

MECHANICAL
MACDONALD MILLER
1004 Madison St,
Seattle, WA 98104

ELECTRICAL
EBD SERVICES
14900 Interurban Ave S, #143
Seattle, WA 98168

PROJECT MANAGER
TURNER & TOWNSEND
920 Fifth Avenue,
Seattle, WA, 98104

City of Puyallup
Development & Permitting Services
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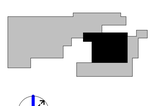
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

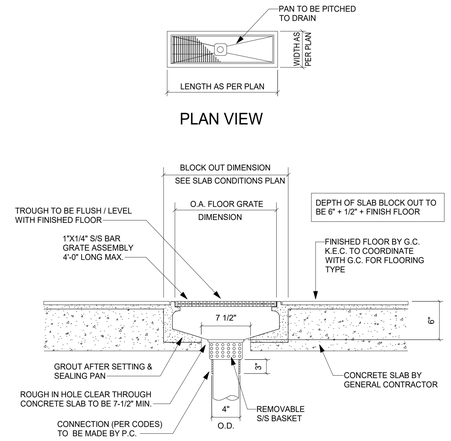


ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 24127 | |

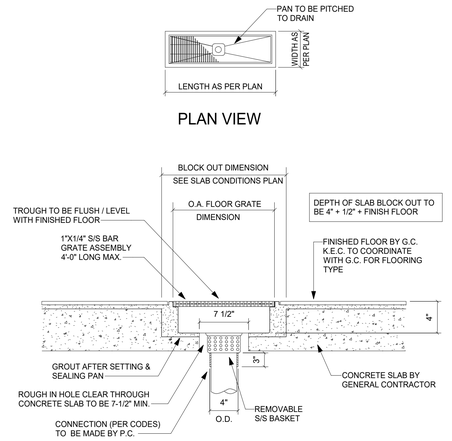
TITLE
PHASE 1 (AREA - B)
HOOD DETAILS 3 O3
HALTON DOCUMENTS

SHEET NUMBER
FS01-B.6.2



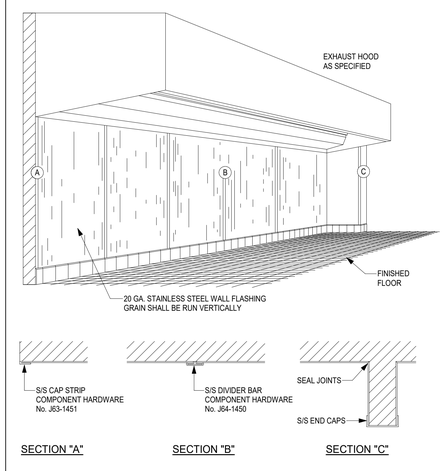

NOTE: STAINLESS STEEL FLOOR TROUGH WITH PAN AND GRATE TO BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR (K.E.C.). ASSEMBLY TO BE INSTALLED BY THE GENERAL CONTRACTOR (G.C.) AND HOOKED UP BY THE PLUMBING CONTRACTOR (P.C.) IN ACCORDANCE WITH ALL LOCAL AND STATE CODES.

ANTI-SPILL FLOOR TROUGH DETAIL



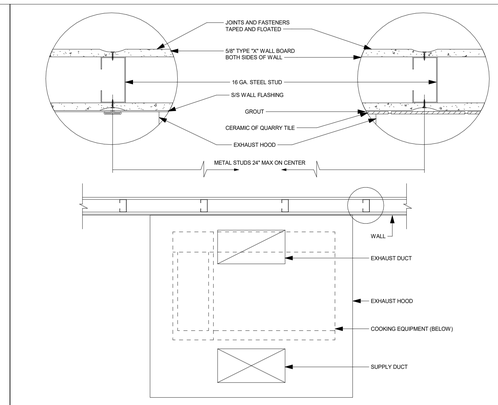

NOTE: STAINLESS STEEL FLOOR TROUGH WITH PAN AND GRATE TO BE FURNISHED BY THE KITCHEN EQUIPMENT CONTRACTOR (K.E.C.). ASSEMBLY TO BE INSTALLED BY THE GENERAL CONTRACTOR (G.C.) AND HOOKED UP BY THE PLUMBING CONTRACTOR (P.C.) IN ACCORDANCE WITH ALL LOCAL AND STATE CODES.

STANDARD FLOOR TROUGH DETAIL




NOTE: SECURE FLASHING TO WALL WITH HEAT RESISTANT MASTIC

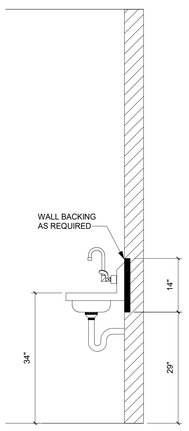
S/S WALL FLASHING DETAIL



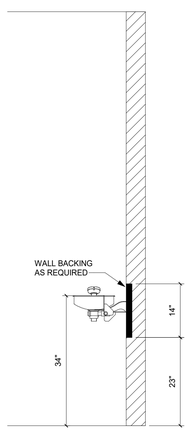

NOTE:
THE FOLLOWING CONDITIONS MUST BE MET IN ORDER TO QUALIFY THIS TYPE OF WALL CONSTRUCTION AS NON-COMBUSTABLE:

1. THE DRY WALL IS TYPE "X" FIRE RATED 5/8" THICK ON BOTH SIDES OF THE WALL.
2. THE TILE IS EITHER CERAMIC OR QUARRY WITH APPROPRIATE GROUT
3. THE STUDS ARE METAL 16 GA. MINIMUM AT 24" CENTERS
4. THE JOINTS AND FASTENERS OF THE GYPSUM BOARD ARE TAPED AND SPACKLED.
5. THE SURFACE OF THE GYPSUM BOARD IS SEALED BY THE TILE AND GROUT. (NO FLAMABLE ADHESIVES MAY BE USED TO BOND THE TILE TO THE WALL.)

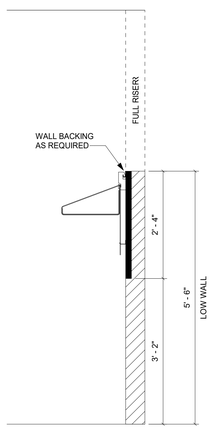
NON-COMBUSTABLE WALL



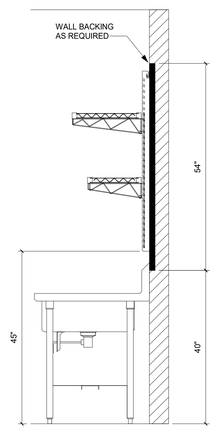

HAND SINK WALL BACKING DETAIL



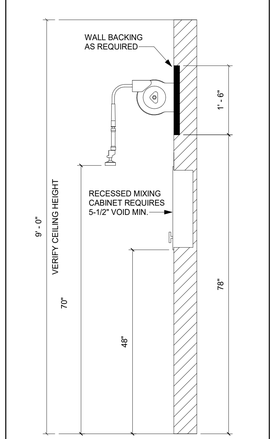

EYE WASH WALL BACKING DETAIL



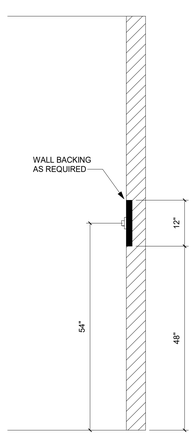

(SHORT WALL) SMART WALL WALL BACKING DETAIL



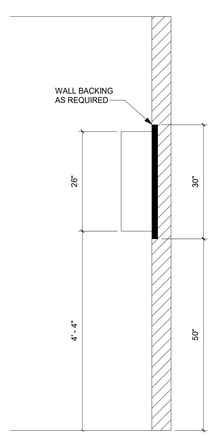

(TALL WALL) SMART WALL WALL BACKING DETAIL



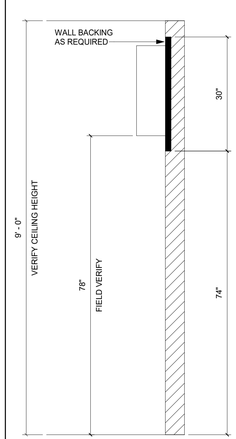

WALL MOUNTED HOSE REEL WALL BACKING DETAIL



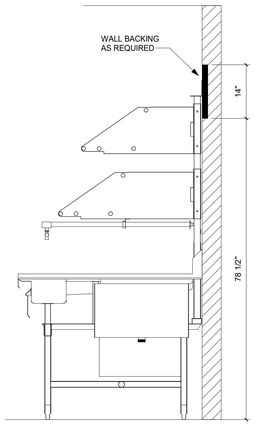

MOP/BROOM RACK WALL BACKING DETAIL




M.A.R.V.E.L. CONTROL PANEL WALL BACKING DETAIL




FIRE SUPPRESSION CABINET WALL BACKING DETAIL




RACK SHELF W/ STORAGE ABOVE WALL BACKING DETAIL


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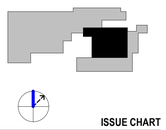
**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

**PHASE 1 PERMIT SET 04/24/2025**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 24127 | |

TITLE

**DETAILS AND WALL BACKING DETAILS**

SHEET NUMBER

**FS01-B.7**


4/18/2025 3:14:12 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/FOOD-Multicare-Kitchen-Phase-B-R25.rvt

## DAMPER SCHEDULE & LEGEND

| TAG | DESCRIPTION | NOTES |
|---|---|---|
| FD-1 (1 1/2) | 1 1/2 HOUR DYNAMIC FIRE DAMPER: CURTAIN STYLE, VERTICAL OR HORIZONTAL, 165°F FUSABLE LINK, BLADE IN AIR STREAM. 4000 FPM UP TO 24X24 VERTICAL, 2000 FPM ALL OTHERS, UL555, GREENHECK DFD 150 TYPE A OR EQUAL. | |
| BDD (BD) | BACKDRAFT DAMPER: GREENHECK WD 330 (VERT) OR WD-100 (HORIZONTAL) OR EQUAL. | |
| | VOLUME DAMPER: SHOP FABRICATED, W/LOCKING QUADRANT. | |
| RD-1 (RD) | REMOTE OPERATED VOLUME DAMPER: 2000 FPM, UP TO 1" WG, 9V ACTUATOR TO RJ11 REMOTE CONNECTION, GREENHECK RBDR-50 | |
| RD-2 (RD) | REMOTE OPERATED VOLUME DAMPER: 2000 FPM, UP TO 1" WG, 9V ACTUATOR TO RJ11 REMOTE CONNECTION, GREENHECK RBD-10 | |

| TAG | DESCRIPTION | NOTES |
|---|---|---|
| SD (S) | SMOKE DAMPER. SEE MOTORIZED DAMPER SCHEDULE. | |
| MD (M) | MOTORIZED CONTROL DAMPER. SEE MOTORIZED DAMPER SCHEDULE. | |
| FSD-1 (1 1/2) | 1 1/2 HOUR FIRE/SMOKE DAMPER. SEE MOTORIZED DAMPER SCHEDULE. | |
| FSD-2 (3) | 3 HOUR RATED FIRE SMOKE DAMPER. SEE MOTORIZED DAMPER SCHEDULE. | |

NOTES

## MOTORIZED DAMPER SCHEDULE

| UNIT NO. | MFR. & MODEL NO. | MOUNTING POSITION | FIRE RATING | LEAKAGE CLASS | ACTUATOR FAIL | ACTUATOR VOLT/PH | CONTROL TYPE | CONTROL BY | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| SD-1 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| SD-2 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| SD-3 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| NOT USED | - | - | - | - | - | - | - | - | - |
| SD-5 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| SD-6 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| SD-7 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| SD-8 | GREENHECK SMD-201 | VERT | - | - | CLOSE | 120V/1 | 2 POSITION | EC | 1 |
| MD-1 | GREENHECK VCD-23 | VERT | - | - | IN-PLACE | 24V | 2 POSITION | CC | 2 |

NOTES:
1. LIFE-SAFETY MOTORIZED DAMPER
   - TWO POSITION WITH SPRING RETURN
   - OPEN WHEN BLDG IN FIRE ALARM MODE (BY FIRE ALARM CONTRACTOR), NORMALLY (SPRING) OPEN/POWERED CLOSED
   - 120V DAMPER ACTUATOR, MODEL BASED ON TORQUE REQ'S FOR DAMPER SIZE & LOCATED EXTERNAL TO DAMPER SLEEVE (UNO)
   - INTERLOCK WITH FIRE ALARM SYSTEM BY FIRE ALARM CONTRACTOR
   - PROVIDED WITH OPEN/CLOSED INDICATOR
   - EMERGENCY POWER REQUIRED.
   - UL 555S LISTED
2. MOTORIZED CONTROL DAMPER
   - 24V DAMPER ACTUATOR BY CONTROLS CONTRACTOR, LOCATED EXTERNAL TO DAMPER SLEEVE (UNO)

## DIFFUSER/GRILLE SCHEDULE

| SYMBOL | MANUFACTURER & MODEL NUMBER | SIZE | TYPE | NOTES |
|---|---|---|---|---|
| A SIZE CFM | TITUS MCD-3 | AS NOTED | T-BAR MOUNT MODULAR CORE DIFFUSER | BORDER TYPE 3, WHITE FINISH |
| B SIZE CFM | TITUS MCD-1 | AS NOTED | SURFACE MOUNT MOD CORE DIFFUSER | BORDER TYPE 1, WHITE FINISH |
| C SIZE CFM | TITUS 350RL | AS NOTED | SURFACE MOUNT RET/EXH GRILLE | BORDER TYPE 1, WHITE FINISH |
| D SIZE CFM | TITUS 50F | AS NOTED | T-BAR LAY-IN EGGCRATE (RETURN/EXH) | BORDER TYPE 3, WHITE FINISH |
| E SIZE CFM | HALTON KCD | AS NOTED | T-BAR MOUNT KITCHEN CEILING DIFFUSER | |

## DUCTWORK SCHEDULE

| SERVICE / USAGE | LOCATION | MATERIAL | WORKING PRESSURE (IN. WC) | SMACNA PRESSURE CLASS (IN. WC) | SMACNA SEAL CLASS | NOTES |
|---|---|---|---|---|---|---|
| MEDIUM PRESSURE SUPPLY AIR | BETWEEN AHU AND TERMINAL UNITS | GALV. STEEL | 2.5 | 4 | A | 1 |
| LOW PRESSURE SUPPLY AIR | FROM TERMINAL/FAN COILS UNITS TO GRD'S | GALV. STEEL | 1 | 2 | B | 1 |
| FLEXIBLE DUCT | CONN TO GRD'S | PREINSUL. FLEX | 0.5 | RATED +6", -1" | NA | 2 |
| RETURN AIR | FROM GRD'S TO AHU & FCU'S | GALV. STEEL | 1 | 2 | B | 1 |
| TRANSFER AIR | FROM GRD TO GRD | GALV. STEEL | 0.05 | 1 | B | 1 |
| GENERAL EXHAUST | FROM GRD TO FAN AND AMBIENT | GALV. STEEL | -1 | -2 | B | 1 |
| GREASE EXHAUST | FROM HOOD TO FAN | 16 GA WELDED STL | -2 | -4 | A | 4,5 |
| DISHWASHER & POTWASH EXHAUST | FROM HOOD TO FAN | STAINLESS STEEL | -1 | -2 | A | 5,6 |

## DUCTWORK INSULATION SCHEDULE

| SERVICE | LOCATION | INSULATION TYPE | THICKNESS | R-VALUE | NOTES |
|---|---|---|---|---|---|
| OUTDOOR AIR ≥ 2800 CFM | CONDITIONED SPACE AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER | WRAP | 6" | R-16 | 9 |
| OUTDOOR AIR ≥ 2800 CFM | CONDITIONED SPACE AND DOWNSTREAM OF AUTOMATIC SHUTOFF DAMPER | WRAP | 3" | R-8 | 9 |
| OUTDOOR AIR < 2800 CFM | CONDITIONED SPACE | WRAP | 3" | R-7 | 9 |
| SUPPLY OR RETURN AIR | OUTSIDE OF THE BUILDING | LINING | 2" | R-8 | 10,11 |
| SUPPLY OR RETURN AIR | UNCONDITIONED SPACE OUTSIDE OF THE CONDITIONED BUILDING ENVELOPE | LINING OR WRAP | 2" | R-6 | 10 |
| SUPPLY OR RETURN AIR | UNCONDITIONED SPACE AND CONVEYING AIR WITHIN 15 DEG F OF SPACE TEMPERATURE (I.E. SUPPLY OR RETURN AIR PLENUMS) | WRAP | 1" | R-3.3 | 9 |
| SUPPLY AIR | CONDITIONED SPACE AND CONVEYING AIR LESS THAN 55F OR GREATER THAN 105F | WRAP | 1" | R-3.3 | 9 |
| SUPPLY AIR | CONDITIONED SPACE AND CONVEYING AIR BETWEEN 55F AND 105F | NONE | NONE | NONE | |
| RETURN, RELIEF OR EXHAUST AIR | CONDITIONED SPACE, DOWNSTREAM OF ENERGY RECOVERY AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER | WRAP | 3" | R-8 | 9 |
| RETURN, RELIEF OR EXHAUST AIR | CONDITIONED SPACE, DOWNSTREAM OF AUTOMATIC SHUTOFF DAMPER | WRAP | 6" | R-16 | 9 |
| EXHAUST AIR | CONDITIONED SPACE, UPSTREAM OF ENERGY RECOVERY DEVICE OR AUTOMATIC SHUTOFF DAMPER | NONE | NONE | NONE | |
| EXHAUST AIR | UNCONDITIONED SPACE OUTSIDE OF THE CONDITIONED BUILDING ENVELOPE, UPSTREAM OF ENERGY RECOVERY DEVICE | LINING OR WRAP | 2" | R-6 | 10 |
| EXHAUST AIR | OUTSIDE OF THE BUILDING, UPSTREAM OF ENERGY RECOVERY DEVICE | LINING | 2" | R-8 | 10,11 |

NOTES:
1. SHEET METAL GAUGES AND FITTINGS PER SMACNA. AND MACDONALD-MILLER DUCT CONSTRUCTION STANDARDS.
2. THERMAFLEX "GKM" OR EQUAL, WITH 12 FOOT MAXIMUM LENGTH.
3. INSTALL PER MFG. GUIDELINES AND INSTRUCTIONS.
4. UL 300 HOOD TO BE PROVIDED IN KITCHEN BY KITCHEN CONSULTANT. DUCTWORK SPRINKLERS NOT REQUIRED.
5. SLOPE AT 1/4" PER FOOT BACK TO SOURCE.
6. SEAMS TO BE CAULKED OR WELDED TO PREVENT CONDENSATION FROM LEAKING THROUGH.
7. INSULATE ONLY SINGLE WALL METALIC DUCT IN ACCESSIBLE LOCATIONS UP TO 7' AFF.
8. DUCT SYSTEMS GREATER THAN 3" WC SHALL BE LEAK TESTED IN ACCORDANCE WITH WSEC C403.10.2.3
9. WRAP INSULATION WEIGHT = 0.75 PCF
10. WRAP INSULATION WEIGHT = 1 PCF
11. INSULATION EXPOSED TO WEATHER SHALL BE PROTECTED FROM DAMAGE INCLUDING THAT DUE TO SUNLIGHT, MOISTURE, EQUIPMENT MAINTENANCE AND WIND, AND SHALL PROVIDE SHIELDING FROM SOLAR RADIATION THAT CAN CAUSE DEGRADATION OF THE MATERIAL.

GENERAL NOTES:

- INSULATION THICKNESS SHOWN ABOVE IS EQUAL TO TOTAL MINIMUM REQUIRED R-VALUE. ALTERNATE INSULATION WITH EQUAL R-VALUE IS ALLOWED.

- All CONCEALED DUCTWORK TO BE PER MMFS EXPOSURE 0 (SEALANT, LABELS AND OTHER ITEMS VISIBLE ON OUTSIDE OF DUCTWORK, MAY HAVE SCRATCHES AND MINOR DENTS).
- All INTERIOR EXPOSED DUCTWORK WITHIN OCCUPIED AREAS TO BE PER MMFS EXPOSURE 1 (NO VISIBLE SEALANT, LABELS, DENTS OR WRITING. EXTERIOR WELDS CLEANED AND PAINTED).

## MECHANICAL GENERAL ABBREVIATIONS

| ABBR | FULL NAME | ABBR | FULL NAME | ABBR | FULL NAME |
|---|---|---|---|---|---|
| AC | AIR CONDITIONING UNIT | EWT | ENTERING WATER TEMPERATURE | NO | NORMALLY OPEN |
| AFF | ABOVE FINISHED FLOOR | FCU | FAN COIL UNIT | NOM | NOMINAL |
| AHU | AIR HANDLING UNIT | FD | FIRE DAMPER | NTS | NOT TO SCALE |
| AL | ALUMINUM | FLA | FULL LOAD AMPS | OBD | OPPOSED BLADE DAMPER |
| BAS | BUILDING AUTOMATION SYSTEM | FOB | FLAT ON BOTTOM | OD | OUTSIDE DIMENSION |
| BDD | BACK DRAFT DAMPER | FOT | FLAT ON TOP | POC | POINT OF CONNECTION |
| BI | BLACK IRON | FSD | FIRE SMOKE DAMPER | PRV | PRESSURE REDUCING VALVE |
| BOD | BOTTOM OF DUCT | GALV | GALVANIZED | PVC | POLYVINYL CHLORIDE |
| BOD | BOTTOM OF DUCT | GALV | GALVANIZED | PVC | POLYVINYL CHLORIDE |
| BOTT | BOTTOM | GC | GENERAL CONTRACTOR | REQ'D | REQUIRED |
| BTU | BRITISH THERMAL UNITS | GENX | GENERATOR EXHAUST | RPBA | REDUCED PRESSURE BACKFLOW ASSY |
| BTUH | BRITISH THERMAL UNITS PER HOUR | GLVNL | GALVANNEAL | RTU | ROOFTOP UNIT |
| CAT1 | CATEGORY ONE VENT | GPM | GALLONS PER MINUTE | SA | SUPPLY AIR |
| CAT4 | CATEGORY FOUR VENT | GREASE | GREASE DUCT | SD | SMOKE DAMPER |
| CFM | CUBIC FEET PER MINUTE | GWB | GYPSUM WALL BOARD | SL | SOUND LINED |
| CPVC | CPVC MATERIAL | HP | HORSE POWER, HEAT PUMP | SM | SHEET METAL |
| DB | DUCTBOARD | HVAC | HEATING, VENTILATION AND AIR COND. | SP | STATIC PRESSURE |
| DDC | DIRECT DIGITAL CONTROLS | HX | HEAT EXCHANGER | SS | STAINLESS STEEL |
| DEMO | DEMOLISH | ID | INSIDE DIMENSION | SUSP | SUSPENDED |
| DP | DIFFERENTIAL PRESSURE | LAT | LEAVING AIR TEMPERATURE | T | THERMOSTAT |
| DPM | DIFFERENTIAL PRESSURE MONITOR | LBS | POUNDS | TOD | TOP OF DUCT |
| DIFF | DIFFUSER | LWT | LEAVING WATER TEMPERATURE | TV | TURNING VANES |
| DMPR | DAMPER | MAT | MIXED AIR TEMPERATURE | TYP | TYPICAL |
| DN | DOWN | MBH | ONE THOUSAND BTUH | UNO | UNLESS NOTED OTHERWISE |
| E | EXISTING | MCA | MINIMUM CIRCUIT AMPACITY | VAV | VARIABLE AIR VOLUME |
| EAT | ENTERING AIR TEMPERATURE | MD | MOTORIZED DAMPER | VD | VOLUME DAMPER |
| EC | EGGCRATE | MIN | MINIMUM | VFD | VARIABLE FREQUENCY DRIVE |
| EER | ENERGY EFFICIENCY RATIO | MFR | MANUFACTURER | W | DUCT INSULATION WRAP |
| EF | EXHAUST FAN | M-M | MACDONALD-MILLER | W/ | WITH |
| ELEV | ELEVATION | NC | NORMALLY CLOSED | WELD | WELDED |
| ESP | EXTERNAL STATIC PRESSURE | NIC | NOT IN CONTRACT | Ø | VOLTAGE PHASE & DUCT DIAMETER |

## PIPING SYSTEM ABBREVIATIONS

| ABBR | FULL NAME | ABBR | FULL NAME | ABBR | FULL NAME |
|---|---|---|---|---|---|
| C | CONDENSATE INDIRECT DRAIN | GLWR | GLYCOL WATER RETURN | NGV | NATURAL GAS VENT |
| CA | AIR COMPRESSED | GLWS | GLYCOL WATER SUPPLY | PA | AIR PNEUMATIC |
| CDWR | CONDENSER WATER RETURN | HWWR | HEATING HOT WATER RETURN | PC | CONDENSATE PUMPED |
| CDWS | CONDENSER WATER SUPPLY | HWWS | HEATING HOT WATER SUPPLY | PCHR | CHILLED WATER (PROCESS) RETURN |
| CHRV | CHILLER RELIEF VENT | HPC | STEAM CONDENSATE HIGH PRESS | PCHS | CHILLED WATER (PROCESS) SUPPLY |
| CHWR | CHILLED WATER RETURN | HPS | STEAM HIGH PRESS | RGAS | REFRIGERANT HOT GAS |
| CHWS | CHILLED WATER SUPPLY | HRR | HEAT RECOVERY RETURN | RLIQ | REFRIGERANT LIQUID |
| CLN STM | STEAM CLEAN | HRS | HEAT RECOVERY SUPPLY | RSUC | REFRIGERANT SUCTION |
| CLR | CLOSED LOOP WATER RETURN | LPC | STEAM CONDENSATE LOW PRESS | SCHR | CHILLED WATER (SECONDARY) RETURN |
| CLS | CLOSED LOOP WATER SUPPLY | LPG | LIQUID PROPANE | SCHS | CHILLED WATER (SECONDARY) SUPPLY |
| COMB-PVC | AIR COMBUSTION PVC | LPS | STEAM LOW PRESS | SCV | STEAM CONDENSATE VENT |
| CRVV | CRYO VENT | LTCR | CHILLED WATER (LOW TEMP) RETURN | SPC | STEAM CONDENSATE PUMPED |
| DTWS | DUAL TEMP WATER SUPPLY | LTCS | CHILLED WATER (LOW TEMP) SUPPLY | SV | STEAM VENT |
| DTWR | DUAL TEMP WATER RETURN | MPC | STEAM CONDENSATE MEDIUM PRESS | VAC | VACUUM |
| FOC | FUEL OIL SECONDARY CONTAINMENT | MPS | STEAM MEDIUM PRESS | VAC-E | VACUUM EXHAUST |
| FOF | FUEL OIL FILL | MUW | MAKE-UP WATER | VRFG | VRF HOT GAS |
| FOR | FUEL OIL RETURN | NG-CONDUIT | NATURAL GAS CONDUIT | VRFL | VRF HIGH PRESS LIQUID |
| FOS | FUEL OIL SUPPLY | NG-H | NATURAL GAS HIGH PRESS | VRFS | VRF LOW PRESS SUCTION |
| FOV | FUEL OIL VENTS | NG-L | NATURAL GAS LOW PRESS | | |
| GENX | GENERATOR EXHAUST | NG-M | NATURAL GAS MEDIUM PRESS | | |

## HVAC SYSTEM ABBREVIATIONS

| ABBR | FULL NAME | ABBR | FULL NAME | ABBR | FULL NAME |
|---|---|---|---|---|---|
| COMB-GALV | COMBUSTION AIR | EA AL | EXHAUST ALUMINUM | OA | OUTSIDE AIR |
| SA | SUPPLY AIR LP | EA SS | EXHAUST SS 304 | OA-KOOL | OUTSIDE AIR KOOLDUCT |
| SA-KOOL | SUPPLY AIR LP KOOLDUCT | EA AL WELD | EXHAUST ALUMINUM WELDED | RLF | RELIEF AIR |
| SA AL | SUPPLY AIR LP ALUMINUM | EA GALV WELD | EXHAUST GALV WELDED | RA | RETURN AIR |
| SA SS | SUPPLY AIR LP SS 304 2B | EA GLVNL WELD | EXHAUST GALVANNEAL WELDED | DB | DUCTBOARD |
| SA AL WELD | SUPPLY AIR LP ALUMINUM WELDED | EA SS WELD | EXHAUST SS 304 WELDED | FLU-CAT1 | FLUE VENT - CATEGORY 1 |
| SA GALV WELD | SUPPLY AIR MP GALV WELDED | EA BI GREASE | EXHAUST GREASE BLACK IRON WELD | FLU-CAT4 | FLUE VENT - CATEGORY 4 |
| SA GLVNL WELD | SUPPLY AIR MP GALVANNEAL WELD | EA GALV GREASE | EXHAUST GREASE GALV WELDED | FLU-CPVC | FLUE VENT - CPVC MATERIAL |
| SA SS WELD | WELDED SUPPLY AIR LP SS 304 2B | EA GALV SS GREASE | EXHAUST GREASE SS 304 WELDED | FLU-SS | FLUE VENT - SHOP BUILT SS 304 |
| EA | EXHAUST AIR | MUA | MAKE-UP AIR | FLU-GALV | FLUE VENT - SHOP BUILT GALV |

## PIPING SYMBOL LEGEND

| SYMBOL | FULL NAME | ABBR | SYMBOL | FULL NAME | ABBR |
|---|---|---|---|---|---|
| | VALVE TWO-WAY CONTROL | 2WAY | BTU | METER BTU | BTU MTR |
| | VALVE THREE-WAY CONTROL | 3WAY | M | SUB-METER WATER FLOW | MTR |
| AF | VALVE AUTOMATIC FLOW CONTROL | AF | | PRESSURE / TEMPERATURE PORT | P&T |
| | VALVE BALANCING | BALV | DP | SENSOR PRESSURE DIFFERENTIAL | DP |
| | VALVE BALANCING AUTOMATIC | ABALV | | STRAINER | STRN |
| | VALVE BALL - FULL PORTED | BV | | SUCTION DIFFUSER | SUC DIFF |
| | VALVE BALL - W/ 3/4" HOSE ADAPTOR | BV W/ HA | | UNION | UNION |
| | VALVE BUTTERFLY | BFV | | HOSE BIBB | HB |
| | VALVE BUTTERFLY - W/ MEMORY STOP | BFVM | | PIPE BREAK - PIG TAIL | |
| | VALVE CHECK | CV | | POINT OF CONNECTION | POC |
| | VALVE CIRCUIT SETTER | CS | | CONCENTRIC REDUCER | CR |
| | VALVE GAS COCK | GC | | ECCENTRIC REDUCER | ER |
| | VALVE GATE | GV | 6" CHWS | PIPE - EXISTING | |
| | VALVE GLOBE | GLV | | PIPE - DEMO | |
| | VALVE PRESSURE REDUCING | PRV | 6" CHWS | PIPE - NEW | |
| | VALVE PRESSURE RELIEF | RV | 6" CHWS | PIPE - FUTURE | |
| | VALVE SOLENOID | SV | 6" CHWS | PIPE - SIZE & ABBREVIATION | |
| | AUTOMATIC AIR VENT | AV | 6" CHWS-S/W | PIPE - SIZE & ABBREVIATION WITH INSULATION | |
| | MANUAL AIR VENT | MAV | | THERMAL EXPANSION DEVICE | EXP |
| | WATER HAMMER ARRESTOR | WHA | | FLEXIBLE CONNECTION | |
| | DOUBLE CHECK BACKFLOW PREVENTER | DCBP | | FLEXIBLE PIPE | |
| | REDUCED PRESS. BACKFLOW PREVENTER | RPBP | | PIPE - HEAT TRACE | |
| | BULB WELL | BW | | PUMP | |
| | FLOW DIRECTION ARROW | | | AIR SEPARATOR | AIR SEP |
| P | PRESSURE INDICATOR | PRESS | | CHEMICAL POT FEEDER | CPOT |
| S | SENSOR | SNSR | | HEAT EXCHANGER | HTX |
| T | TEMPERATURE INDICATOR | THERM | | EXPANSION TANK | ET |

## HVAC SYMBOL LEGEND

| SYMBOL | DESCRIPTION | SYMBOL | DESCRIPTION |
|---|---|---|---|
| 14x12 SA | BARE RECTANGULAR SHEETMETAL | | RECTANGULAR SIDE-WALL GRILLE WITH / WITHOUT OBD |
| 14x12 SA-SL | SOUNDLINE SHEETMETAL (GENERAL NOTES) | | SUPPLY DUCT UP/DOWN |
| 14x12 SA-W | SHEETMETAL W/ INSULATION (GENERAL NOTES) | | EXHAUST DUCT UP/DOWN |
| 12ø SA | BARE ROUND SHEETMETAL | | RETURN DUCT UP/DOWN |
| 12ø SA-W | ROUND SHEETMETAL W/ INSULATION (GENERAL NOTES) | | SUPPLY AIR TERMINAL RECTANGULAR AND SQUARE |
| 14x12ø SA | OVAL SHEETMETAL W/ INSULATION (GENERAL NOTES) | | RETURN AIR TERMINAL RECTANGULAR AND SQUARE |
| 14x12ø SA-W | EXAMPLE OF EXISTING | | EXHAUST AIR TERMINAL RECTANGULAR AND SQUARE |
| 14x12 SA | EXAMPLE OF EXISTING | | SUPPLY AIR SLOT DIFFUSER |
| | EXAMPLE OF DEMO | | RETURN AIR SLOT DIFFUSER |
| 14x12 SA | EXAMPLE OF NEW | | EXHAUST AIR SLOT DIFFUSER |
| 14x12 SA | EXAMPLE OF FUTURE (NIC) | | POINT OF CONNECTION |
| 14x12 SA-Q | EXPOSED QUALITY SHEETMETAL | | CENTER LINE |
| 14x12 SA-C | CLEANROOM QUALITY DUCTWORK | T | THERMOSTAT |
| 14x12 SA-DB | DUCTBOARD (1" FIBERGLASS) | CO | CARBON MONOXIDE SENSOR |
| | CONTINUATION OF ROUND DUCT | NO2 | NITROGEN DIOXIDE SENSOR |
| | CONTINUATION OF RECTANGULAR DUCT | H | HUMIDITY SENSOR |
| | AIR FLOW IN SYMBOL | $ | OTHER SENSOR |
| | AIR FLOW OUT SYMBOL | SD | SMOKE DETECTOR |
| AHU-001 | MECHANICAL EQUIPMENT TAG | $ | ELECTRICAL SWITCH |
| 1 | KEYED NOTE | | MITERED ELBOW WITH TURNING VANES |
| | ACCESS DOORS | - - | DOUBLE NEGATIVE PRESSSURE |
| | RATED ENCLOSURE | + + | DOUBLE POSITIVE PRESSSURE |
| 14ø 16ø | FLEX DUCT | NEUT | NEUTRAL PRESSSURE |
| 24ø | EQUIPMENT FLEX ROUND CONNECTOR | - | SINGLE NEGATIVE PRESSSURE |
| 24x24 | EQUIPMENT FLEX RECTANGULAR CONNECTOR | + | SINGLE POSITIVE PRESSSURE |
| | VOLUME DAMPER / REMOTE DAMPER | DPM | DIFFERENTIAL PRESSURE MONITOR |
| | RADIAL AIR TERMINAL | | DPM SENSOR SYMBOL |
| | T-BAR LAY-IN METAL EGGCRATE (RETURN/EXH) | | ROOM AIRFLOW ARROW |

## HVAC GENERAL NOTES - 2021 WSEC

1. THESE PLANS ARE SCHEMATIC AND DO NOT SHOW EXACT ROUTING OR EVERY OFFSET WHICH MAY BE REQUIRED. THE HVAC CONTRACTOR IS TO COORDINATE WITH ALL OTHER TRADES AND IS TO VERIFY ALL CLEARANCES BEFORE COMMENCING WORK.
2. MATERIALS, METHODS, AND INSTALLATION SHALL COMPLY WITH THE PROVISIONS OF THE 2021 EDITIONS OF THE INTERNATIONAL MECHANICAL CODE, INTERNATIONAL BUILDING CODE, INTERNATIONAL FIRE CODE 2021 WSEC, AND LOCAL CODES AND ORDINANCES.
3. ALL DUCT SIZE ANNOTATIONS REPRESENT ACTUAL OUTSIDE DIMENSIONS OF THE SHEET METAL (UNO). IF APPLICABLE, INTERIOR INSULATION WILL NEED TO BE ACOUNTED FOR WHEN DETERMINING ACTUAL DUCT FREE AREA. SEE DUCTWORK INSULATION SCHEDULE FOR ADDITIONAL SPACE REQUIRED FOR EXTERIOR (WRAP) INSULATION.
4. DUCT CONSTRUCTION AND HANGING SHALL COMPLY WITH CHAPTER 6 OF THE 2021 IMC AND WITH CURRENT SMACNA STANDARDS. EARTHQUAKE BRACE ALL DUCTS 28" DIA AND LARGER WHICH ARE SUSPENDED MORE THAN 12" BELOW STRUCTURAL SYSTEM.
5. JOINTS OF MEDIUM AND HIGH VELOCITY DUCT SYSTEMS SHALL BE SEALED WITH GASKETS OR LISTED MASTIC TYPE DUCT SEALANT.
6. DUCTS SHALL BE INSULATED AS INDICATED ON PLANS, PER 2021 WASHINGTON STATE ENERGY CODE, COMMERCIAL PROVISIONS. SEE DUCTWORK INSULATION SCHEDULE.

   - ACOUSTICAL SOUND LINING, WHERE INDICATED, SHALL BE 1" FIBER-FREE DUCT LINING.
7. FLEX DUCTS SHALL CONSIST OF A REINFORCED VAPOR BARRIER, 1 1/2" FIBERGLASS INSULATION, AND NON-PERFORATED INTERIOR LINER WITH WIRE HELIX. DUCT SHALL BE A UL 181 LISTED CLASS 1 AIR DUCT. FLEX DUCTS SHALL ONLY BE USED WHERE SHOWN AND SHALL NOT EXCEED 12' IN LENGTH UNLESS NOTED OTHERWISE.
8. PROVIDE EARTHQUAKE RESTRAINT FOR HVAC EQUIPMENT IN ACCORDANCE WITH SECTION 1613 OF THE 2021 IBC.
9. PROVIDE FIRE DAMPERS, SMOKE DAMPERS AND FIRE/SMOKE DAMPERS WHERE INDICATED ON PLANS AND AS REQUIRED BY SECTION 717.5 OF THE 2021 IBC AND SECTION 607.5 OF THE 2021 IMC. PROVIDE CEILING FIRE DAMPERS WHERE INDICATED ON PLANS AND AS REQUIRED BY SECTION 717.6 OF THE 2021 IBC AND SECTION 607.6 OF THE 2021 IMC. INSTALL FIRE DAMPERS SMOKE DAMPERS AND FIRE/SMOKE DAMPERS IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS, THE TERMS OF THEIR LISTING, AND THE REQUIREMENTS OF THE CODE.
10. PIPING PENETRATIONS OF FIRE RATED WALLS OR FLOORS SHALL BE SLEEVED AND FIRE STOPPED WITH LISTED MATERIALS SO AS TO MAINTAIN THE INTEGRITY AND RATING OF THE FLOOR OR WALL.
11. PROVIDE RETURN DUCT SMOKE DETECTOR AUTOMATIC SHUT DOWN OF ALL NEW HEATING, COOLING, OR VENTILATION EQUIPMENT MOVING IN EXCESS OF 2000 CFM IN ACCORDANCE WITH SECTION 606 OF THE 2021 IMC. POWER AND INTERLOCK WIRING WITH THE BUILDING FIRE ALARM SYSTEM IS BY THE ELECTRICAL CONTRACTOR. BAS TO MONITOR FIRE ALARM CONTROL PANEL AND SHUT DOWN ALL FAN TERMINAL UNITS DURING ANY BUILDING FIRE ALARM EVENT, IN ACCORDANCE WITH 2021 IMC 606.2.2.
12. HVAC EQUIPMENT, VALVES AND DAMPERS SHALL BE LOCATED IN EASILY ACCESSIBLE LOCATIONS. UNLESS SHOWN ON ARCHITECTURAL DRAWINGS, REQUIRED ACCESS PANELS SHALL BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR. MINIMUM ACCESS DOOR SIZE FOR VALVES AND DAMPERS TO BE 18" X 18".
13. MOTORS STARTERS NOT LISTED AS BEING PROVIDED IN THE HVAC EQUIPMENT SCHEDULES ARE TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.
14. WITHIN 90 DAYS AFTER THE DATE OF SYSTEM ACCEPTANCE, RECORD DRAWINGS OF THE ACTUAL INSTALLATION TO BE PROVIDED TO THE BUILDING OWNER. RECORD DRAWINGS SHALL INCLUDE AS A MINIMUM THE LOCATION AND PERFORMANCE DATA ON EACH PIECE OF EQUIPMENT, GENERAL CONFIGURATION OF DUCT AND PIPE DISTRIBUTION SYSTEM, INCLUDING SIZES, AND THE TERMINAL AIR AND WATER DESIGN FLOW RATES.
15. OPERATING AND MAINTENANCE MANUALS TO BE PROVIDED TO THE BUILDING OWNER THAT INCLUDE: SUBMITTAL DATA, NAMES AND ADDRESSES OF AT LEAST ONE SERVICE AGENCY, HVAC CONTROLS SYSTEM MAINTENANCE AND CALIBRATION INFORMATION AND A COMPLETE OPERATIONAL NARRATIVE FOR EACH SYSTEM.
16. COMMISSIONING IS REQUIRED ON THIS PROJECT IN ACCORD WITH 2021 WASHINGTON STATE ENERGY CODE (WSEC), COMMERCIAL PROVISIONS AND SECTION C408. SEE SCHEDULED COMMISSIONING AND BALANCING SCHEDULE FOR FURTHER DETAIL.
17. A COMPLETE REPORT OF TEST PROCEDURES AND RESULTS SHALL BE PREPARED AND FILED WITH THE OWNER
18. DAMPERS USED FOR OUTDOOR AIR INTAKE, EXHAUST, OR RELIEF SHALL HAVE THE FOLLOWING MAXIMUM LEAKAGE RATES AT 1" W.G. (PER AMCA STANDARD 500D): MOTORIZED DAMPERS: 4 CFM/S.F. GRAVITY DAMPERS: 20 CFM/S.F. (40 CFM/S.F. FOR DAMPERS SMALLER THAN 24" IN EITHER DIMENSION) PER 2021 WSEC C403.7.8.3.
19. OUTSIDE AIR INTAKE, EXHAUST, AND RELIEF DAMPERS SERVING CONDITIONED SPACES MUST BE MOTORIZED (FAIL CLOSED) PER 2021 WSEC SECTION C403.7.8. EXCEPT AS ALLOWED BY WSEC.
20. MATERIALS WITHIN PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL BE LISTED AND LABELED AS HAVING A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723, EXCEPT AS NOTED IN SECTION 602.2.1 OF THE 2021 IMC.
21. ALL MECHANICAL WORK SHOWN ON DRAWINGS INTENDED TO BE INSTALLED SOLELY BY MACDONALD -MILLER FACILITY SOLUTIONS. MACDONALD-MILLER FACILITY SOLUTIONS SHALL NOT BE HELD ACCOUNTABLE FOR ANY DESIGN OR CONSTRUCTION DEFICIENCIES IF WORK IS PERFORMED BY AN OUTSIDE PARTY.

## LEGAL DESCRIPTION

PARCEL NUMBER: 9810000015

LEGAL DESCRIPTION:

Section 34 Township 20 Range 04 Quarter 23 WOODS 1ST CANNOT BE SOLD OR SUBD WITHOUT 001-4 & 001-6 LOT 1 OF BLA 2010-06-15-5001 DESC AS BEG AT A PT 30 FT E & 151.05 FT N OF INTER OF 15TH AV SE & 3RD ST SE TH N 322.08 FT TH N 305.27 FT TH E 692.45 FT TH S 78 DEG 58 MIN 52 SEC E 0.44 FT TH S 49.97 FT TH E 40.98 FT TH S 43.29 FT TH N 41.04 FT TH S 181.78 FT TH W 30 FT TH S 196.6 FT TO BEG CURVE CONCAVE TO NW HAVING A RAD OF 19.5 FT & C/A OF 59 DEG 50 MIN 20 SEC & BEING SUBTENDED BY A CHORD WHICH BEARS S 56 DEG 53 MIN 06 SEC W 19.45 FT TH SWLY & WLY ALG SD CURVE 20.37 FT TO PT OF REVERSE CURV TH WLY & SWLY & SLY 90.9 FT CONCAVE TO SE HAVING A RAD OF 60.5 FT & C/A OF 86 DEG 05 MIN 15 SEC TH S 3.26 FT TH SLY, SWLY & WLY 14.92 FT ALG CURVE CONCAVE TO NW HAVING A RAD OF 9.5 FT & C/A OF 89 DEG 59 MIN 59 SEC TH W 107.24 FT TO BEG OF CURVE CONCAVE TO NW HAVING A RAD OF 55.98 FT & C/A OF 81 DEG 57 MIN 04 SEC & BEING SUBTENDED BY CHORD WHICH BEARS S 49 DEG 34 MIN 17 SEC W 73.42 FT TH SLY, SWLY & WLY ALG SD CURVE 80.07 FT TH W 6.43 FT TH S 131.8 FT TH SLY & SELY 14.27 FT ALG SD CURVE CONCAVE TO E HAVING A RAD OF 25 FT & C/A OF 32 DEG 42 MIN 11 SEC TH N 88 DEG 06 MIN 01 SEC W 77.46 FT TO BEG OF CURVE CONCAVE TO N HAVING A RAD OF 40 FT & A C/A OF 43 DEG 31 MIN 52 SEC & BEING SUBTENDED BY CHORD WHICH BEARS S 70 DEG 08 MIN 03 SEC W 29.66 FT TH SWLY & WLY ALG SD CURVE 30.39 FT TH N 88 DEG 06 MIN 01 SEC W 238.87 FT TO BEG OF A CURVE CONCAVE TO NE HAVING A RAD OF 63 FT & A C/A OF 65 DEG 47 MIN 29 SEC & BEING SUBTENDED BY CHORD WHICH BEARS N 48 DEG 11 MIN 19 SEC W 68.43 FT TH WLY, NWLY & NLY ALG SD CURVE 72.34 FT TH N 12 DEG 28 MIN 32 SEC W 81.31 FT TO POB EX

## ROOM CONDITIONING SCHEDULE

| ROOM DATA | | | | | ASHRAE 170 REQUIREMENTS | | | | | | DESIGN | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NAME | CODE SIMILAR | FLOOR AREA (SF) | HEIGHT (FT) | ROOM VOLUME (CUFT) | PRESSURE TO ADJACENT SPACE | MIN OUTSIDE ACH | MIN TOTAL ACH | 100% EXHAUST | HUMIDITY (%RH) | ROOM TEMP (°F) | PRESSURE TO ADJACENT SPACE | OUTSIDE ACH | MIN OUTSIDE AIRFLOW (CFM) | TOTAL ACH | SUPPLY AIR (CFM) | RETURN AIR (CFM) | EXHAUST AIR (CFM) | HUMIDITY (%RH) | ROOM TEMP (°F) |
| PHASE 0 AREAS | | | | | | | | | | | | | | | | | | | |
| TEMP LINEN STORAGE | CLEAN LINEN STORAGE | 838 | 7.75 | 6495 | POSITIVE | NR | 2 | NR | NR | 72-78 | POSITIVE | 2.3 | 250 | 2.3 | 250 | 0 | 250 | NR | 72-78 |
| TEMP DRY STORAGE | FOOD AND SUPPLY STORAGE | 1380 | 7.75 | 10695 | NR | NR | 2 | NR | NR | 72-78 | NR | 2.1 | 370 | 2.1 | 370 | 0 | 370 | NR | 72-78 |
| | | | | | | | | | | | | | | | | | | | |
| PHASE 1 AREAS | | | | | | | | | | | | | | | | | | | |
| DRY STORAGE | FOOD AND SUPPLY STORAGE | 976 | 7.75 | 7564 | NR | NR | 2 | NR | NR | 72-78 | NR | 4.8 | 600 | 4.8 | 600 | 0 | 600 | NR | 72-78 |
| PREP AREA | FOOD PREPERATION AREAS | 474 | 7.75 | 3674 | NR | 2 | 10 | NR | NR | 72-78 | NR | 18.3 | 1120 | 18.3 | 1120 | 0 | 1120 | NR | 72-78 |
| COOK AREA RIGHT | FOOD PREPERATION AREAS | 445 | 7.75 | 3449 | NR | 2 | 10 | NR | NR | 72-78 | NR | 27.5 | 1580 | 55.7 | 3160 | 0 | 3200 | NR | 72-78 |
| COOK AREA LEFT | FOOD PREPERATION AREAS | 850 | 7.75 | 6588 | NR | 2 | 10 | NR | NR | 72-78 | NR | 22.6 | 2480 | 46.5 | 4960 | 0 | 5100 | NR | 72-78 |
| JANITOR CLOSET | ENVIRONMENTAL SERVICES | 72 | 7.75 | 558 | NEGATIVE | NR | 10 | YES | NR | NR | NEGATIVE | 0.0 | 0 | 16.1 | 0 | 0 | 150 | NR | NR |
| WAREWASH | WAREWASH | 988 | 7.75 | 7657 | NEGATIVE | NR | NR | YES | NR | NR | NEGATIVE | 30.6 | 3900 | 31.7 | 3900 | 0 | 4045 | NR | NR |
| TUBE FEEDING STORAGE | FOOD AND SUPPLY STORAGE | 138 | 7.75 | 1070 | NR | NR | 2 | NR | NR | 72-78 | NR | 2.8 | 50 | 2.8 | 50 | 0 | 0 | NR | 72-78 |
| EVS BREAKROOM | OFFICE BREAKROOM | 1230 | 7.75 | 9533 | NR | NR | NR | NR | NR | NR | NR | 5.5 | 875 | 5.5 | 875 | 0 | 870 | NR | NR |
| EVS SUPERVISOR OFFICE | OFFICE | 141 | 7.75 | 1093 | NR | NR | NR | NR | NR | NR | NR | 7.7 | 140 | 7.7 | 140 | 0 | 140 | NR | NR |
| EVS PRIVATE OFFICE | OFFICE | 112 | 7.75 | 868 | NR | NR | NR | NR | NR | NR | NR | 5.2 | 75 | 5.2 | 75 | 0 | 75 | NR | NR |
| DIETITIAN OFFICES | OFFICE | 363 | 7.75 | 2813 | NR | NR | NR | NR | NR | NR | NR | 6.0 | 280 | 6.0 | 280 | 0 | 280 | NR | NR |
| WORKROOM | OFFICE | 220 | 7.75 | 1705 | NR | NR | NR | NR | NR | NR | NR | 3.5 | 100 | 8.8 | 100 | 0 | 250 | NR | NR |
| NUTRITION MGR OFFICE | OFFICE | 164 | 7.75 | 1271 | NR | NR | NR | NR | NR | NR | NR | 4.0 | 85 | 4.0 | 85 | 0 | 85 | NR | NR |
| TOUCHDOWN 1111 | OFFICE | 85 | 7.75 | 659 | NR | NR | NR | NR | NR | NR | NR | 6.8 | 75 | 6.8 | 75 | 0 | 0 | NR | NR |
| TOUCHDOWN 1112 | OFFICE | 85 | 7.75 | 659 | NR | NR | NR | NR | NR | NR | NR | 6.8 | 75 | 6.8 | 75 | 0 | 0 | NR | NR |
| | | | | | | | | | | | | | | | | | | | |
| PHASE 2 AREAS | | | | | | | | | | | | | | | | | | | |
| COOK AREA PODS 1 & 2 | FOOD PREPERATION AREAS | 966 | 7.75 | 7487 | NR | 2 | 10 | NR | NR | 72-78 | NR | 7.2 | 900 | 26.8 | 3060 | 0 | 3345 | NR | 72-78 |
| COOK AREA PODS 3 & 4 | FOOD PREPERATION AREAS | 1390 | 7.75 | 10773 | NR | 2 | 10 | NR | NR | 72-78 | NR | 5.1 | 910 | 18.8 | 3130 | 0 | 3370 | NR | 72-78 |
| BEVERAGE & HOLDING | FOOD PREPERATION AREAS | 421 | 7.75 | 3263 | NR | 2 | 10 | NR | NR | 72-78 | NR | 2.6 | 140 | 9.7 | 525 | 0 | 0 | NR | 72-78 |
| PRODUCTION MGR OFFICE | OFFICE | 100 | 7.75 | 775 | NR | NR | NR | NR | NR | NR | NR | 1.5 | 20 | 5.8 | 75 | 0 | 0 | NR | NR |
| CHEF OFFICE | OFFICE | 120 | 7.75 | 930 | NR | NR | NR | NR | NR | NR | NR | 1.3 | 20 | 4.8 | 75 | 0 | 0 | NR | NR |

1. "NR" INDICATES NO REQUIREMENT.
2. DOH LICENSED HOSPITALS: ROOM AIRFLOW REQUIREMENTS ARE BASED ON ASHRAE 170-2021 AS ADOPTED BY THE 2022 FGI GUIDELINES.

## 2021 WASHINGTON STATE ENERGY CODE COMMISSIONING AND BALANCING SCHEDULE

COMMISSIONING IN COMPLIANCE WITH 2021 WASHINGTON STATE ENERGY CODE (WSEC) SECTION C408 SHALL BE REQUIRED FOR ALL NEW SYSTEMS OR MODIFIED PORTIONS OF SYSTEMS UNLESS THE SYSTEMS MEET ONE OR MORE OF THE FOLLOWING EXCEPTIONS:

EXCEPTION 1: INSTALLED TOTAL MECHANICAL EQUIPMENT THAT ARE NOT REQUIRED TO COMPLY WITH SECTION C403.3.5 WHERE THE CAPACITY IS LESS THAN 180,000 BTU/H (15 TONS) COOLING CAPACITY AND LESS THAN 240,000 BTU/H (20 TONS) HEATING CAPACITY AND ENERGY RECOVERY VENTILATION (ERV) EQUIPMENT IS LESS THAN 300 CFM CAPACITY.

EXCEPTION 2: SERVICE WATER HEATING SYSTEMS IN BUILDNGS WITH SERVICE WATER HEATING SYSTEMS CAPACITY LESS THAN 200,000 BTU/H AND THERE ARE NO POOLS OR PERMANENT SPAS, SOLAR THERMAL HEATING, RECIRCULATION PUMPS, AND HEAT PUMP WATER HEATERS (EXCEPT PACKAGED UNITS FOR RESIDENTIAL USE).

EXCEPTION 4: REFRIGERATION SYSTEMS LIMITED TO SELF CONTAINED UNITS.

THE COMMISSIONING PROFESSIONAL SHALL MEET ONE OF THESE MINIMUM REQUIREMENTS:

1) AN INDIVIDUAL WHO IS CERTIFIED BY AN ANSI/ISO/IEC 17024:2012 ACCREDITED ORGANIZATION TO LEAD, PLAN, COORDINATE AND MANAGE COMMISSIONING TEAMS AND IMPLEMENT THE COMMISSIONING PROCESS.

THE COMMISSIONING PROFESSIONAL SHALL PERFORM THE FOLLOWING TASKS:

1) DEVELOPMENT AND EXECUTION OF THE COMMISSIONING PLAN. INCLUDING ALL SUBSECTIONS OF WSEC SECTION C408.1.2.
2) REVIEW OF BUILDING DOCUMENTATION AND CLOSE OUT SUBMITTALS.
3) PREPAIRING THE FINAL COMMISSIONING REPORT IN ACCORDANCE WITH WSEC SECTION C408.1.3.

ALL EQUIPMENT/SYSTEMS LISTED IN DRAWING EQUIPMENT SCHEDULES SHALL BE COMMISSIONED UNLESS LISTED AS AN EXCEPTION WITHIN THIS SCHEDULE.

WHERE THE CERTIFIED COMMISSIONING PROFESSIONAL'S CONTRACT OR EMPLOYMENT IS OTHER THAN DIRECTLY WITH THE BUILDING OWNER, AN IN-HOUSE COMMISSIONING DISCLOSURE AND CONFLICT MANAGEMENT PLAN SHALL BE A PART OF THE COMMISSIONING PROCESS. A COPY SHALL BE INCLUDED IN THE COMMISSIONING PLAN. THIS PLAN SHALL DISCLOSE THE CERTIFIED COMMISSIONING PROFESSIONAL'S CONTRACTUAL RELATIONSHIP WITH OTHER TEAM MEMBERS AND PROVIDE A CONFLICT MANAGEMENT PLAN DEMONSTRATING THAT THE CERTIFIED COMMISSIONING PROFESSIONAL IS FREE TO IDENTIFY ANY ISSUES DISCOVERED AND REPORT DIRECTLY TO THE OWNER.

FUNCTIONAL PERFORMANCE TESTING SHALL BE CONDUCTED FOR MECHANICAL SYSTEMS IN WSEC SECTIONS C403: SERVICE WATER HEATING SYSTEMS IN WSEC SECTION C404: EQUIPMENT, APPLIANCES AND SYSTEMS INSTALLED TO COMPLY WITH WSEC SECTION C406 OR C407; ENERGY METERING IN WSEC SECTION C409; AND REFRIGERATION SYSTEMS IN WSEC SECTION C410. WRITTEN PROCEDURES WHICH CLEARLY DESCRIBE THE INDIVIDUAL SYSTEMATIC TEST PROCEDURES, THE EXPECTED SYSTEM RESPONSE OR ACCEPTANCE CRITERIA FOR EACH PROCEDURE. THE ACTUAL RESPONSE OR FINDINGS, AND ANY PERTINENT DISCUSSION SHALL BE FOLLOWED. THIS TESTING SHALL INCLUDE CONTROL SYSTEMS WHICH WILL BE TESTED TO DOCUMENT THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT, AND SYSTEMS ARE CALIBRATED AND ADJUSTED TO OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL AFFIRM THE CONDITIONS REQUIRED WITHIN WSEC SECTIONS C408.2 THROUGH C408.7 UNDER SYSTEM TESTING.

FOR PROJECTS WITH SEVEN OR FEWER SIMILAR SYSTEMS, EACH SYSTEM SHALL BE TESTED. FOR PROJECTS WITH MORE THAN SEVEN SYSTEMS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF CONTROLS TYPE. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF CONTROL TYPES EXIST, NO FEWER THAN 20 PERCENT OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL OR DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED SYSTEM FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

A COMMISSIONING REPORT SHALL BE COMPLETED AND CERTIFIED BY THE CERTIFIED COMMISSIONING PROFESSIONAL AND DELIVERED TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT. THE REPORT SHALL BE ORGANIZED WITH MECHANICAL, SERVICE WATER HEATING, CONTROLLED RECEPTACLE AND LIGHTING CONTROL SYSTEMS, ENERGY METERING, AND REFRIGERATION FINDINGS IN SEPA-RATE SECTIONS TO ALLOW INDEPENDENT REVIEW. THE REPORT SHALL RECORD THE ACTIVITIES AND RESULTS OF THE COMMISSIONING PROCESS AND BE DEVELOPED FROM THE FINAL COMMISSIONING PLAN WITH ALL OF ITS ATTACHED APPENDICES. THE REPORT SHALL INCLUDE:

1) RESULTS OF FUNCTIONAL PERFORMANCE TESTS.
2) DISPOSITION OF DEFIIENCIES FOUND DURING TESTING, INCLUDING DETAILS OF CORRECTIVE MEASURES USED OR PROPOSED.
3) FUNCTIONAL PERFOMANCE TEST PROCEDURES USED DURING THE COMMSIONING PROCESS INCLUDING MEASURABLE CRITERIA FOR TEST ACCEPTANCE, PROVIDED HEREIN REPEATABILITY.
4) COMMISIONING PLAN.
5) TESTING, ADJUSTING AND BALANCING REPORTS.

EXCEPTION: DEFERRED TESTS WICH CANNOT BE PERFORMED A THE TIME OF REPORT PREPARATION DUE TO CLIMATE CONDITIONS.

PRIOR TO THE FINAL MECHANICAL AND PLUMBING INSPECTIONS OR OBTAINING A CERTIFICATE OF OCCUPANCY, THE CERTIFIED COMMISSIONING PROFESSIONAL SHALL PROVIDE EVIDENCE OF BUILDING COMMISSIONING IN ACCORDANCE WITH WSEC SECTION C408.1.4.1.

THE CODE OFFICIAL SHALL BE PERMITTED TO REQUIRE THAT A COPY OF THE COMMISSIONING REPORT BE MADE AVAILABLE FOR REVIEW BY THE CODE OFFICIAL.

MECHANICAL EQUIPMENT AND CONTROLS SUBJECT TO WSEC SECTION C403 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY SECTION C408.1. THE COMMISSIONING PROCESS SHALL MINIMALLY INCLUDE ALL ENERGY CODE REQUIREMENTS FOR WHICH THE CODE STATES THAT EQUIPMENT OR CONTROLS SHALL "BE CAPABLE OF" OR "CONFIGURED TO" PERFORM SPECIFIC FUNCTIONS.

HVAC SYSTEMS SHALL BE BALANCED IN ACCORDANCE WITH GENERALLY ACCEPTED ENGINEERING STANDARDS. AIR AND WATER FLOW RATES SHALL BE MEASURED AND ADJUSTED TO DELIVER FINAL FLOW RATES WITHIN THE TOLERANCES PROVIDED IN THE PROJECT SPECIFICATIONS. TEST AND BALANCE ACTIVITIES SHALL INCLUDE AIR SYSTEM AND HYDRONIC SYSTEM BALANCING.

EACH SUPPLY AIR OUTLET AND ZONE TERMINAL DEVICE SHALL BE EQUIPPED WITH MEANS FOR AIR BALANCING IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 6 OF THE INTERNATIONAL MECHANICAL CODE. DISCHARGE DAMPERS USED FOR AIR SYSTEM BALANCING ARE PROHIBITED ON CONSTANT VOLUME FANS AND VARIABLE VOLUME FANS WITH MOTORS 10 HP (18.6 KW) AND LARGER. AIR SYSTEMS SHALL BE BALANCED IN A MANNER TO FIRST MINIMIZE THROTTLING LOSSES THEN, FOR FANS WITH SYSTEM POWER OF GREATER THAN 1 HP (0.74 KW), FAN SPEED SHALL BE ADJUSTED TO MEET DESIGN FLOW CONDITIONS.

EXCEPTION: FANS WITH FAN MOTORS OF 1 HP OR LESS.

INDIVIDUAL HYDRONIC HEATING AND COOLING COILS SHALL BE EQUIPPED WITH MEANS FOR BALANCING AND MEASURING FLOW. HYDRONIC SYSTEMS SHALL BE PROPORTIONATELY BALANCED IN A MANNER TO FIRST MINIMIZE THROTTLING LOSSES, THEN THE PUMP IMPELLER SHALL BE TRIMMED OR PUMP SPEED SHALL BE ADJUSTED TO MEET DESIGN FLOW CONDITIONS. EACH HYDRONIC SYSTEM SHALL HAVE EITHER THE CAPABILITY TO MEASURE PRESSURE ACROSS THE PUMP, OR TEST PORTS AT EACH SIDE OF EACH PUMP.

EXCEPTION: THE FOLLOWING EQUIPMENT IS NOT REQUIRED TO BE EQUIPPED WITH MEANS FOR BALANCING OR MEASURING FLOW:

1) PUMPS WITH PUMP MOTORS OF 5 HP (3.7 KW) OR LESS.
2) WHERE THROTTLING RESULTS IN NO GREATER THAN FIVE PERCENT OF THE NAMEPLATE HORSEPOWER DRAW ABOVE THAT REQUIRED IF THE IMPELLER WERE TRIMMED.

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THE COMPONENTS, SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. WHERE FULL LOAD TESTING IS NOT POSSIBLE OR PRACTICAL PER BUILDING LOAD OR SYSTEM SET UP, FUNCTIONAL PERFORMANCE TESTING SHALL BE PERFORMED IN A MANOR THAT ALLOWS INDIVIDUAL EQUIPMENT TO SHOW FULL LOAD CAPABILITIES. EQUIPMENT SHALL BE TESTED TO SHOW INTENDED STAGING BETWEEN COMPONENTS. 100% FULL LOAD FROM ALL COMPONENTS SIMULTANEOUSLY WILL NOT BE REQUIRED. TESTING SHALL INCLUDE THE SEQUENCE OF OPERATION, AND BE CONDUCTED UNDER FULL LOAD, PART LOAD AND THE FOLLOWING CONDITIONS:

1) ALL MODES AS DESCRIBED IN THE SEQUENCE OF OPERATION.
2) REDUNDANT OR AUTOMATIC BACK-UP MODE.
3) PERFOMANCE OF ALARMS.
4) MODE OF OPERATION UPON LOSS OF POWER AND RESTORATION OF POWER.

SERVICE WATER HEATING EQUIPMENT AND CONTROLS SUBJECT TO WSEC SECTION C404 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1. THE COMMISSIONING PROCESS SHALL MINIMALLY INCLUDE EQUIPMENT AND COMPONENTS INSTALLED TO MEET ALL ENERGY CODE REQUIREMENTS FOR DEVICES TO "START," "AUTOMATICALLY TURN OFF," "AUTOMATICALLY ADJUST," "LIMIT OPERATION," AND "LIMIT THE TEMPERATURE" AND "BE CONFIGURED TO."

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT HEATERS, PIPING, DISTRIBUTION SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL INCLUDE THE SEQUENCE OF OPERATION, AND BE CONDUCTED UNDER AT LEAST 50 PERCENT WATER HEATING LOAD, PART-LOAD AND THE FOLLOWING CONDITIONS:

1) NORMAL OPERATION.
2) REDUNDANT OR AUTOMATIC BACK-UP MODE.
3) PERFOMANCE OF ALARMS.
4) MODE OF OPERATION UPON LOSS OF POWER AND RESTORATION OF POWER.

EQUIPMENT, COMPONENTS, CONTROLS OR CONFIGURATION SETTINGS FOR SYSTEMS WHICH ARE INCLUDED IN THE PROJECT TO COMPLY WITH WSEC SECTIONS C406 OR C407 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1.

FUNCTIONAL PERFORMANCE TESTING FOR THESE APPLIANCES, EQUIPMENT, COMPONENTS, CONTROLS AND/OR CON-FIGURATION SETTINGS SHALL DEMONSTRATE OPERATION, FUNCTION AND MAINTENANCE SERVICEABILITY FOR EACH OF THE COMMISSIONED SYSTEMS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

ENERGY METERING SYSTEMS REQUIRED BY SECTION C409 SHALL COMPLY WITH WSEC SECTION C408.6 AND BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY SECTION C408.1. THE COMMISSIONING PROCESS SHALL INCLUDE ALL ENERGY METERING EQUIPMENT AND CONTROLS REQUIRED BY WSEC SECTION C409.

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT ENERGY SOURCE METERS, END-USE METERS, DATA ACQUISITION SYSTEMS, AND ENERGY DISPLAYS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. AT A MINIMUM, TESTING SHALL CONFIRM THAT:

1) THE METERING SYSTEM DEVICES AND COMPONENTS WORK PROPERLY UNDER LOW AND HIGH LOAD CONDITIONS.
2) THE METERED DATA IS DELIVERED IN A FORMAT THAT IS COMPATIBLE WITH THE DATA COLLECTION SYSTEM.
3) THE ENERGY DISPLAY IS IN A LOCATION WITH ACCESS TO BUILDING OPERATION AND MANAGEMENT PERSONNEL.
4) THE ENERGY DISPLAY MEETS CODE REQUIREMENTS REGARDING VIEWS REQUIRED IN SECTION C409.4.3. THE DISPLAY SHOWS ENERGY DATA IN IDENTICAL UNITS (E.G., KWH).

ALL INSTALLED REFRIGERATION SYSTEMS SUBJECT TO WSEC SECTION C410 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1.

EXCEPTIONS: SELF-CONTAINED REFRIGERATION SYSTEMS ARE EXEMPT FROM THE COMMISSIONING PROCESS OR TOTAL INSTALLED CAPACITY FOR REFRIGERATION IS EQUAL TO OR LESS THAN 240 KBTU/H.

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT COMPRESSORS, HEAT EXCHANGERS, PIPING, DISTRIBUTION SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL INCLUDE THE SEQUENCE OF OPERATION AND BE CONDUCTED UNDER FULL LOAD, PART LOAD AND THE FOLLOWING CONDITIONS:

1) NORMAL MODE.
2) REDUNDANT OR AUTOMATIC BACK-UP MODE.
3) PERFORMANCE OF ALARMS.
4) MODE OF OPERATION UPON LOSS OF POWER AND RESTORATION OF POWER.

## MAKE-UP AIR UNIT SCHEDULE

| UNIT NO. | MFR. & MODEL NO. | NOM TONS | HEAT MBH | CFM | ESP | FAN HP | OA CFM | COP | IEER | ISMRE | ELECTRICAL | | | WT LBS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | VOLT/PH | AUX HTR KW | MCA | | |
| MAU-1 | GREENHECK / MSX-1115-H22 | - | 250 | 2050 | 1 | 5 | 2050 | - | - | - | 208/3 | NONE | - | 1500 | EXISTING, 1 |
| MAU-2 | CAPTIVEAIRE CAS | 31.0 | 260 | 8120 | 1.5 | 15 | 8120 | 3.5 | 17.8 | 4.8 | 208/3 | 150 | 543.5 | 5554 | NEW, 2-7 |

NOTES:
1. EXISTING UNIT TO BE REUSED, BALANCE UNIT TO NEW SCHEDULED CFM. UNIT IS EQUIPPED WITH FAN VFD, HEATING HOT WATER COIL, MERV 8 FILTERS.
2. POWER WIRING AND DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.
3. W/ SINGLE POINT POWER CONNECTION.
4. MCA LISTED IS TOTAL MCA .
5. FACTORY CONTROLS. INTEGRATION WITH BMS BY CONTROLS CONTRACTOR.
6. UNIT SUPPLIED WITH 2" MERV 8 PRE-FILTERS AND 2" MERV 13 FINAL FILTERS.
7. WEIGHT INCLUDE FACTORY ROOF CURB.

## DUCT HEATING COIL SCHEDULE

| UNIT NO. | AREA SERVED | MFG & MODEL NO. | AIRFLOW (CFM) | SIZE (W"xH") | EAT (°F) | LAT (°F) | AIR PD (IN WC) | GPM | WATER PD (FT HD) | EWT (F) | LWT (F) | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DHC-20 | WAREWASH | RAE | 3900 | 30x16 | 55 | 85 | 0.30 | 12.5 | 9.59 | 160 | 140 | 1,2 |
| DHC-21 | OFFICE | RAE | 250 | 10x10 | 55 | 85 | 0.04 | 1.0 | 0.56 | 160 | 140 | 1,2 |
| DHC-22 | OFFICE | RAE | 415 | 10x10 | 55 | 85 | 0.13 | 1.5 | 1.16 | 160 | 140 | 1,2 |
| DHC-23 | EVS BREAK | RAE | 1090 | 20x10 | 55 | 85 | 0.23 | 3.5 | 6.87 | 160 | 140 | 1,2 |
| DHC-24 | STORAGE | RAE | 600 | 12x12 | 55 | 85 | 0.14 | 2.0 | 2.99 | 160 | 140 | 1,2 |
| DHC-25 | HALLWAY | RAE | 505 | 12x10 | 55 | 85 | 0.20 | 1.5 | 1.23 | 160 | 140 | 1,2 |

1. IF NO EXISTING 24V POWER IS AVAILABLE, ELECTRICAL CONTRACTOR TO PROVIDE POWER FOR CONTROLS. 24V WIRING BY CONTROLS CONTRACTOR.
2. 2-WAY HYDRONIC CONTROL VALVE, WALL THERMOSTAT, SENSORS, AND INTEGRATION WITH THE BMS BY CONTROLS CONTRACTOR.

## SERIES VAV BOX SCHEDULE

| UNIT NO. | AREA SERVED | MFR. MODEL NO. | INLET SIZE | FAN CFM | VALVE CFM | | HEATER | | | | | FAN | | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | MAX | MIN | KW | DT | CFM | VOLT/PH | STGS | HP | SPD | |
| FTU-101 | PHASE 2 | NAILOR 3SSE SIZE 3 | 6 | 525 | 525 | 260 | 1 | 16 | 200 | 277/1 | 1 | 1/2 | ECM | EXISTING, 4,5 |
| FTU-102 | PHASE 2 | NAILOR 3SSEST SIZE 6 | 14 | 2550 | 2550 | 1705 | 5.5 | 10 | 1705 | 208/3 | 1 | 2@3/4 | ECM | EXISTING, 4,5 |
| FTU-103 | PHASE 2 | NAILOR 3SSE SIZE 7 | 14 | 2620 | 2620 | 1705 | 5.5 | 10 | 1705 | 208/3 | 1 | 2@3/4 | ECM | EXISTING, 4,5 |
| FTU-106 | PHASE 2 | NAILOR 3SSE SIZE 1 | 6 | 150 | 150 | 75 | 1 | 21 | 150 | 208/1 | 2 | 1.4 FLA | ECM | NEW, 1,2,3,5 |

NOTES:
1. POWER WIRING AND DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR
2. SERIES FAN POWERED TERMINAL UNIT WITH HEAT -, SIZE AS LISTED, PRESSURE INDEPENDENT, FACTORY OPTIONS INCLUDE:
   - EXTENDED DAMPER 1/2" DIAM. SHAFT
   - FACTORY INSTALLED 1" THROW-AWAY FILTERS
   - CONTROLS BY OTHERS - FACTORY PROVIDE WIRING HARNESS WITH LOW VOLTAGE INTERLOCK CONDUCTORS EXTENDED FROM HIGH VOLTAGE CABINET TO LOW VOLTAGE CONTROLS CABINET.
   - 1" FIBER-FREE INSULATION
   - VARIABLE SPEED FAN CONTROL
   - 24V TRANSFORMER, 50 VA MIN RATING
   - HEAT STAGING & FAN CONTROL THROUGH FACTORY WIRED RELAYS
   - AUTO RESET 120°F HIGH LIMIT TSTAT
3. CONTROLS AND INTEGRATION WITH THE BMS BY THE CONTROLS CONTRACTOR.
4. EXISTING TERMINAL UNIT, REBALANCE TO SCHEDULED CFM VALUES.
5. PROVIDE FILTER BLANK-OFF PANELS FOR INDUCED AIR INLET(S). PANELS SHALL BE PERMANENTLY ATTACHED, CONSTRUCTED OF RIGID MATERIAL, AND COMPLETELY SEAL THE INLET(S).

## HOOD SCHEDULE

| UNIT NO. | CONNECTED EXH FAN | MFR. & MODEL NO. | DIMENSIONS (IN) | WEIGHT (LBS) | EA CFM | EA ESP (IN WC) | EA COLLAR SIZE (IN) | SA COLLAR SIZE (IN) | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| B11L | KEF-2 | HALTON KVE (TYPE 1) | 142L X 68W X 24H | 1120 | 1544 | 0.16 | 10x10 | 12x12 | 1,2,3,4 |
| B11R | KEF-2 | HALTON KVE (TYPE 1) | 142L X 68W X 24H | 1120 | 1656 | 0.21 | 12x12 | 16x12 | 1,2,3,4 |
| B38L | KEF-2 | HALTON KVE (TYPE 1) | 142L X 68W X 24H | 1091 | 2320 | 0.33 | 16x12 | - | 1,2,3,4 |
| B38R | KEF-2 | HALTON KVE (TYPE 1) | 142L X 68W X 24H | 1091 | 2781 | 0.45 | 12x10 | - | 1,2,3,4 |
| B61 | DEF-1 | HALTON CH (TYPE 2) | 57L X 56W X 24H | 221 | 475 | 0.37 | 8x8 | - | 1,2 |
| C4L | KEF-1 | HALTON KVE (TYPE 1) | 101L X 57W X 24H | 715 | 1936 | 0.43 | 13x12 | 18x12 | 1,2,3,4 |
| C4R | KEF-1 | HALTON KVE (TYPE 1) | 101L X 57W X 24H | 715 | 1404 | 0.27 | 12x10 | 14x12 | 1,2,3,4 |
| D12L | KEF-1 | HALTON KVE (TYPE 1) | 101L X 57W X 24H | 715 | 1431 | 0.28 | 12x10 | 14x12 | 1,2,3,4 |
| D12R | KEF-1 | HALTON KVE (TYPE 1) | 101L X 57W X 24H | 715 | 1936 | 0.43 | 13x12 | 18x12 | 1,2,3,4 |

NOTES:
1. PROVIDED BY KITCHEN CONSULTANT. INSTALLED BY MECHANICAL CONTRACTOR.
2. 120V POWER FOR LIGHTING AND CONTROLS BY ELECTRICAL CONTRACTOR.
3. MFG'S FIRE SUPPRESSION SYSTEM, GREASE BAFFLES, HOOD WASHDOWN SYSTEM, AND MAKE-UP AIR PLENUM WHERE INDICATED BY "SA COLLAR" COLUMN.
4. MFG'S HOOD CONTROLS WITH DCKV SYSTEM. INTEGRATION WITH THE BMS BY CONTROLS CONTRACTOR.

## EXHAUST FAN SCHEDULE

| UNIT NO. | AREA SERVED | MFR. & MODEL NO. | TYPE | CFM | ESP | RPM | FLA | FEI | BHP | HP | VOLT/PH | BDD | WT LBS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KEF-1 | PHASE 2 TYPE I HOODS | GREENHECK / VECTOR-H-24-18 | HIGH PLUME UPBLAST | 7270 | 2 | - | - | - | - | 10 | 208/3 | - | 1095 | EXISTING, 1 |
| DEF | EXISTING DISHWASHER | EXISTING | - | - | - | - | - | - | - | - | - | - | - | DEMO |
| | | | | | | | | | | | | | | |
| KEF-2 | PHASE 1 TYPE I HOODS | CAPTIVEAIRE USBI36DD-RM | UTILITY SET | 8300 | 2 | 715 | 24.5 | 1.16 | 4.5 | 7.5 | 208/3 | - | 1718 | NEW, 2,5 |
| DEF-1 | PHASE 1 DISHWASHER AND POTWASH (TYPE II) | CAPTIVEAIRE DU85HFA | CENTRIFUGAL UPBLAST | 1225 | 2 | 1630 | 11.6 | 1.34 | 0.77 | 1 | 115/1 | Y | 125 | NEW, 2,3,5 |
| EF-4 | PHASE 2 KITCHEN AREA | CAPTIVEAIRE DU180HFA | CENTRIFUGAL UPBLAST | 3000 | 2 | 1520 | 9.5 | 0.98 | 2.4 | 3 | 208/3 | - | 244 | NEW, 2,4,5 |
| | | | | | | | | | | | | | | |

NOTES:
1. EXISTING UNIT TO BE REUSED, BALANCE UNIT TO NEW SCHEDULED CFM.
2. POWER WIRING AND DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR. UNIT PROVIDED WITH FACTORY MOUNTED VFD.
3. UNIT TO REPLACE EXISTING DISHWASHER EXHAUST FAN DEF. EXISTING UNIT TO REMAIN OPERATIONAL UNTIL PHASE 1 IS COMPLETE AND NEW DEF-1 IS INSTALLED.
4. VARIABLE VOLUME FAN. PROVIDE WITH CLASS I MOTORIZED SHUTOFF DAMPER.
5. LISTED WEIGHTS INCLUDE FACTORY CURBS.

## PIPING GENERAL NOTES

**PIPING MATERIAL SCHEDULE**

| PIPING | SIZE | MATERIAL | JOINT |
|---|---|---|---|
| HEATING HOT WATER | 1/2" - 2" | COPPER TYPE L | LEAD FREE SOLDER, PRESSED MECH JOINT |
| | 2-1/2" - 10" | SCH 40 BLK STL, ASTM A53 A OR B | GROOVED, FLANGED, BUTT WELDED |
| INDIRECT DRAIN | 1/2" - 2-1/2" | COPPER TYPE L | LEAD FREE SOLDER, PRESSED MECH JOINT |
| REFRIGERATION | 1/8" - 4-1/8" | COPPER TUBE, ACR | BRAZED |

**PIPING INSULATION SCHEDULE**

| PIPING TYPE | PIPE SIZE | INSULATION TYPE | INSULATION THICKNESS | CONDUCTIVITY RANGE |
|---|---|---|---|---|
| HEATING HOT WATER (105°-140°F) | 1/2" - 1-1/4" | FIBERGLASS, ELASTOMERIC FOAM | 1" | 0.21 - 0.28 |
| | 1-1/2"+ | FIBERGLASS, ELASTOMERIC FOAM | 1-1/2" | 0.21 - 0.28 |
| HEATING HOT WATER (141°-200°F) | 1/2" - 1-1/4" | FIBERGLASS, ELASTOMERIC FOAM | 1-1/2" | 0.25 - 0.29 |
| | 1-1/2"+ | FIBERGLASS, ELASTOMERIC FOAM | 2" | 0.25 - 0.29 |
| COIL CONDENSATE PIPING | 1/2" - 1-1/4" | FIBERGLASS, ELASTOMERIC FOAM | 1/2" | 0.21 - 0.27 |
| | 1-1/2" + | FIBERGLASS, ELASTOMERIC FOAM | 1" | 0.21 - 0.27 |
| REFRIGERATION SUCTION | 1/8" - 1" | ELASTOMERIC FOAM | 1/2" (1" IF LOCATED OUTSIDE BLDG ENV.) | 0.21 - 0.27 |
| | 1-1/8" + | ELASTOMERIC FOAM | 1" | 0.21 - 0.27 |
| REFRIG

SHEET NOTES

1. DRAWINGS RELY ON ACCURACY OF EXISTING AS-BUILT INFORMATION AND MAY NOT SHOW FULL SCOPE OF DEMOLITION REQUIRED. FIELD TO CONTACT ENGINEER WITH ANY DISCREPANCIES.
2. COORDINATE ALL REQUIRED HVAC SHUTDOWNS WITH OWNER AND G.C.

KEY NOTES

(1) DEMO SHORT SECTION OF DUCT FOR INSTALL OF SMOKE DAMPER WITHIN NEW SMOKE BARRIER WALL.

(2) REMOVE GRILLE AND EXTEND EXHAUST DUCTWORK INTO CONDENSATE RECEIVING ROOM. BALANCE EXHAUST EQUAL TO EXISTING SUPPLY AIR CFM. RE-INSTALL EXISTING EXHAUST GRILLE.

1 / DM2.01C
1 / DM2.01A 1 / DF2.01A
1 / DM2.01A 1 / DF2.01A
1 / DM2.01C
1 / DM2.01A 1 / DF2.01A
1 / DM2.01B
1 / DM2.01B 1 / DF2.01B
1 / DM2.01C

ELEVATOR
E7.1

EVS PRIVATE OFFICE
1.E-01

EVS SHARED SUPERVISOR OFFICE
1.E-02

EVS BREAKROOM
1.E-02

EVS KITCHENETTE
(SEE E.1)

1 LEVEL 01 - SHEETMETAL - DEMO - PHASE 1
SCALE: 1/8" = 1'-0"


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06/25/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

| | |
|---|---|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |

| MARK | ISSUE | DATE |
|---|---|---|

Job Number 7725-4055

TITLE

**LEVEL 01 OVERALL DEMOLITION FLOOR PLAN - MECHANICAL**

SHEET NUMBER

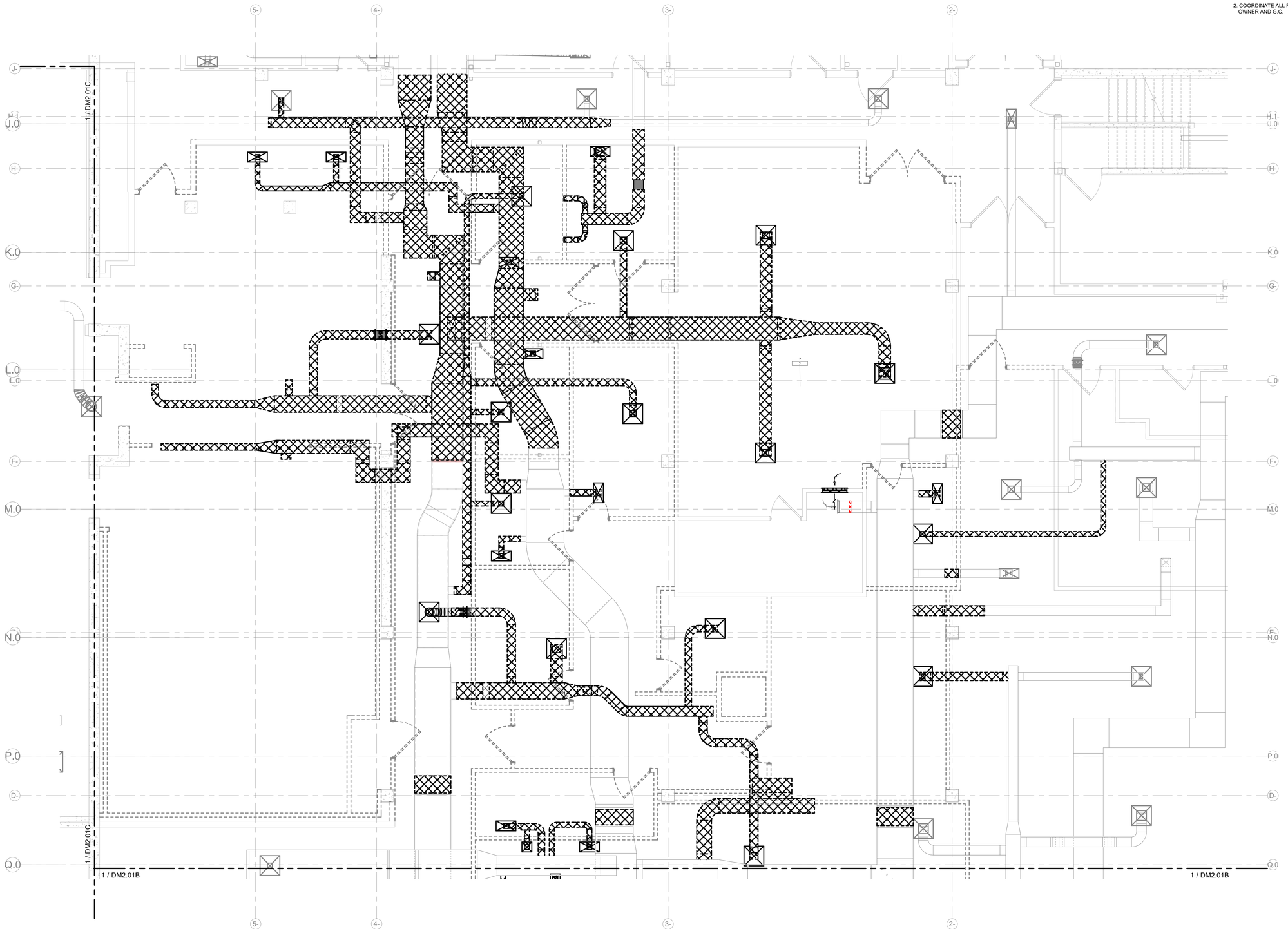
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SHEET NOTES

1. DRAWINGS RELY ON ACCURACY OF EXISTING AS-BUILT INFORMATION AND MAY NOT SHOW FULL SCOPE OF DEMOLITION REQUIRED. FIELD TO CONTACT ENGINEER WITH ANY DISCREPANCIES.

2. COORDINATE ALL REQUIRED HVAC SHUTDOWNS WITH OWNER AND G.C.




1 LEVEL 01 - SHEETMETAL - DEMO - AREA A

SCALE: 1/4" = 1'-0"


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06/25/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare**
**Good Samaritan**
**Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

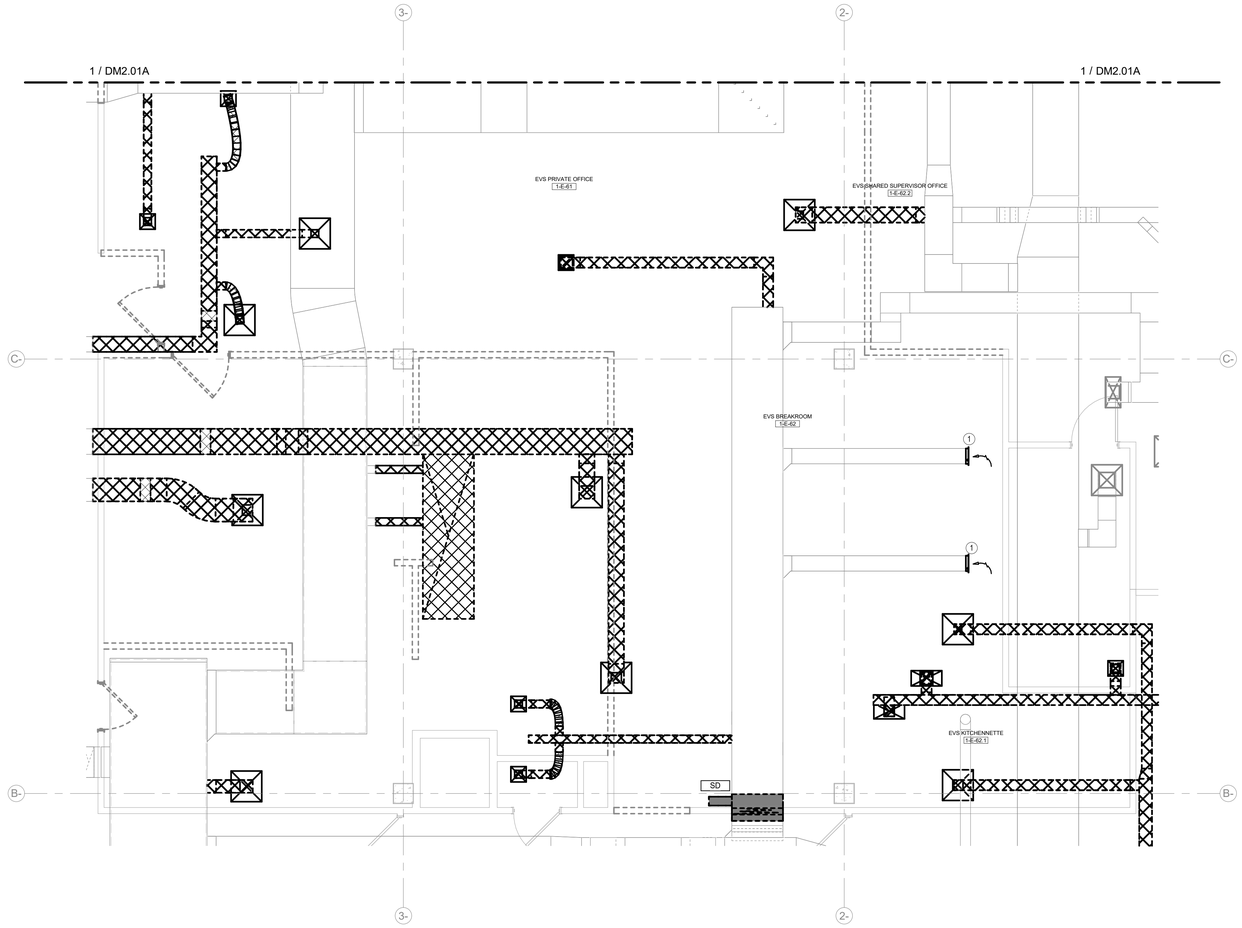
TITLE

**LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - MECHANICAL**

SHEET NUMBER

**DM2.01A**


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1 LEVEL 01 - SHEETMETAL - DEMO - AREA B

SCALE: 1/4" = 1'-0"

SHEET NOTES

1. DRAWINGS RELY ON ACCURACY OF EXISTING AS-BUILT INFORMATION AND MAY NOT SHOW FULL SCOPE OF DEMOLITION REQUIRED. FIELD TO CONTACT ENGINEER WITH ANY DISCREPANCIES.
2. COORDINATE ALL REQUIRED HVAC SHUTDOWNS WITH OWNER AND G.C.

KEY NOTES

(1) REMOVE GRILLE AND EXTEND EXHAUST DUCTWORK INTO CONDENSATE RECEIVING ROOM. BALANCE EXHAUST EQUAL TO EXISTING SUPPLY AIR CFM. RE-INSTALL EXISTING EXHAUST GRILLE.


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06/25/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare**
**Good Samaritan**
**Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

TITLE

**LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA B - MECHANICAL**

SHEET NUMBER

**DM2.01B**

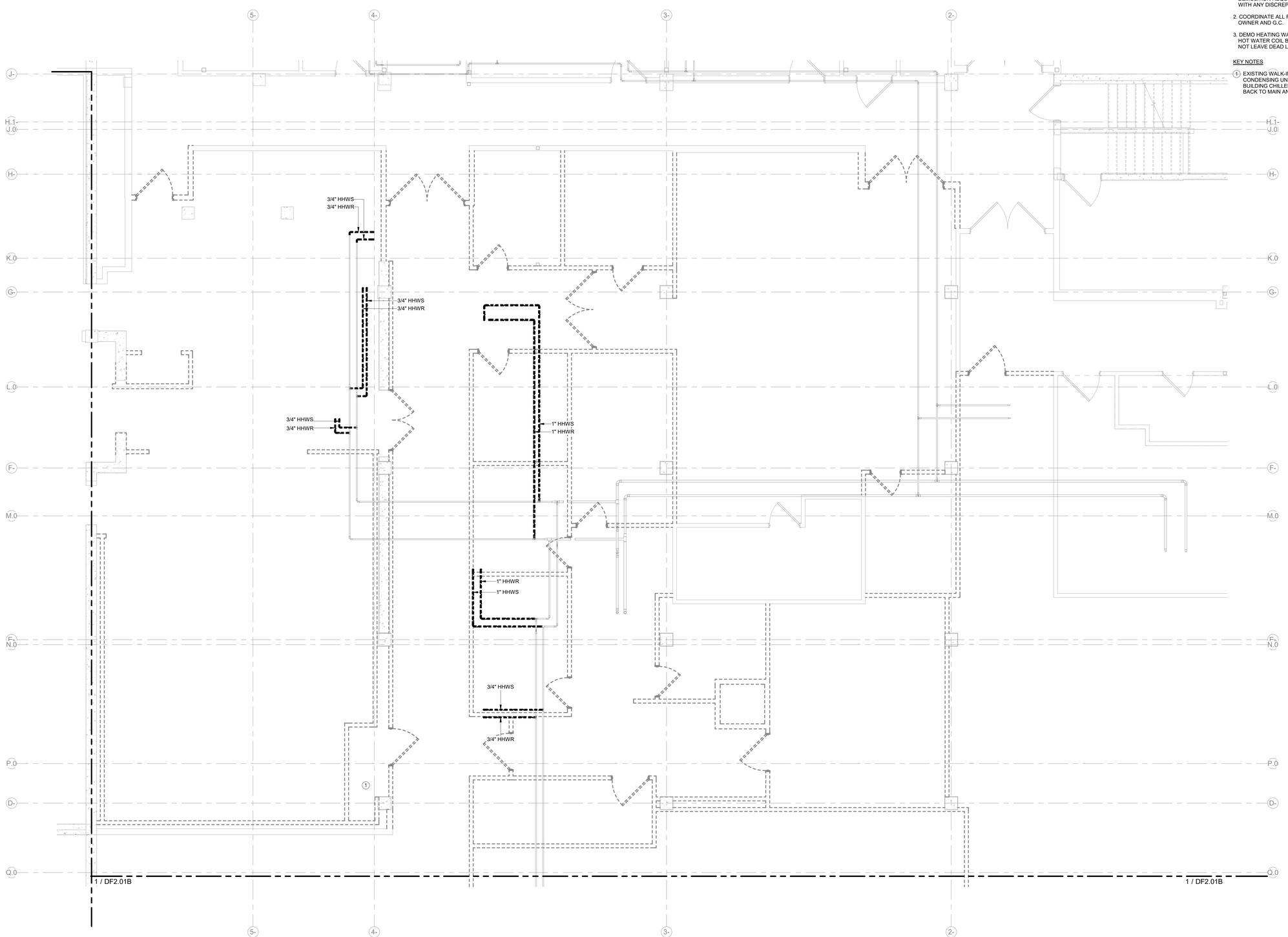

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SHEET NOTES

1. DRAWINGS RELY ON ACCURACY OF EXISTING AS-BUILT INFORMATION AND MAY NOT SHOW FULL SCOPE OF DEMOLITION REQUIRED. FIELD TO CONTACT ENGINEER WITH ANY DISCREPANCIES.
2. COORDINATE ALL REQUIRED HVAC SHUTDOWNS WITH OWNER AND G.C.
3. DEMO HEATING WATER PIPING FROM ANY DEMOLISHED HOT WATER COIL BACK TO THE PIPE MAIN AND CAP. DO NOT LEAVE DEAD LEGS.

KEY NOTES

(1) EXISTING WALK-IN COOLER WATER-COOLED CONDENSING UNITS IN THIS AREA TO BE DEMOLISHED. BUILDING CHILLED WATER PIPING TO BE DEMOLISHED BACK TO MAIN AND CAPPED. DEMO SCOPE BY KEC.




1 LEVEL 01 - FITTING - DEMO - AREA A
SCALE: 1/4" = 1'-0"


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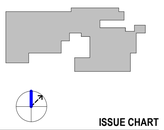
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**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
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MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

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| MARK | ISSUE | DATE |
|---|---|---|

Job Number 7725-4055

TITLE

LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - FITTING

SHEET NUMBER

DF2.01A

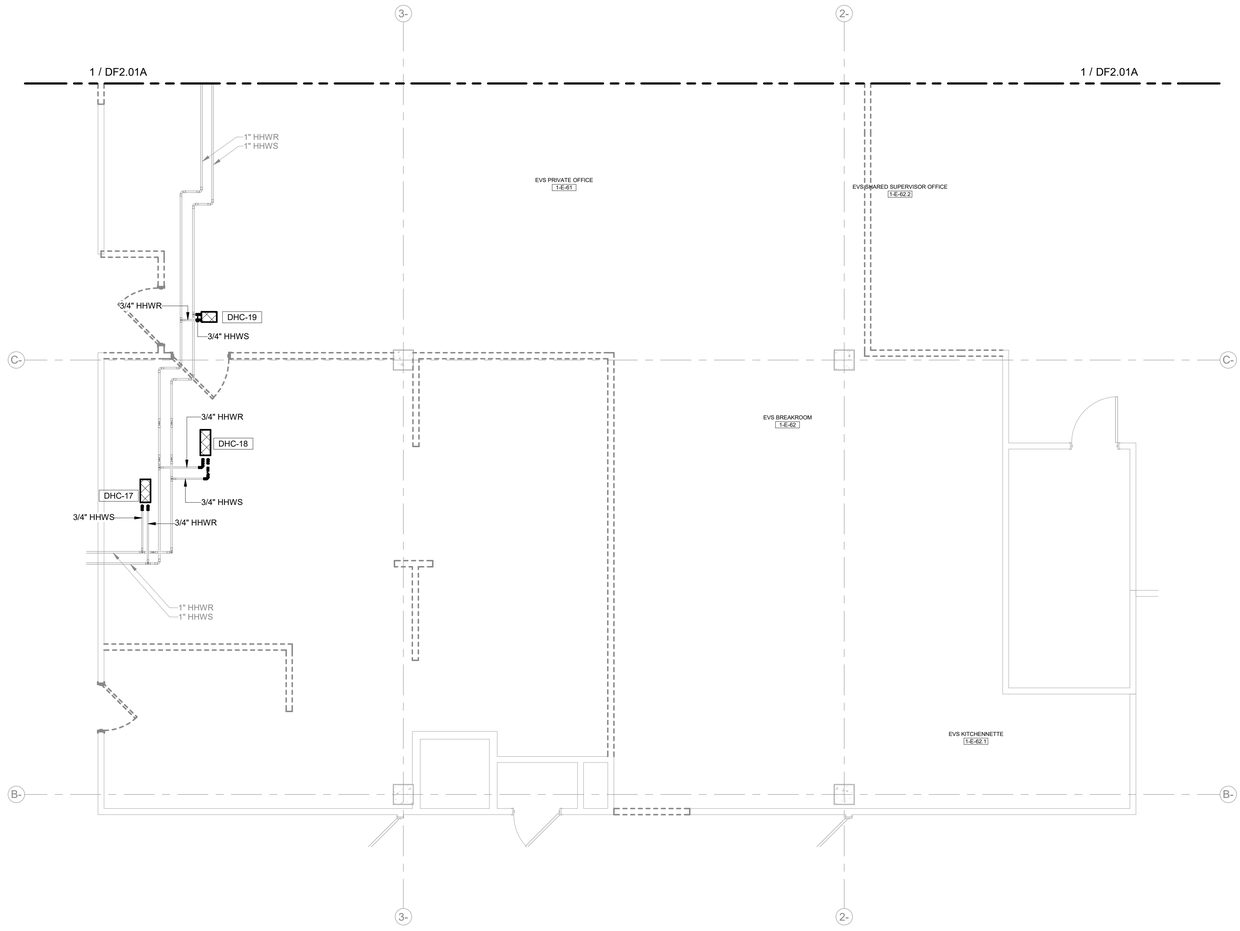

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SHEET NOTES

1. DRAWINGS RELY ON ACCURACY OF EXISTING AS-BUILT INFORMATION AND MAY NOT SHOW FULL SCOPE OF DEMOLITION REQUIRED. FIELD TO CONTACT ENGINEER WITH ANY DISCREPANCIES.

2. COORDINATE ALL REQUIRED HVAC SHUTDOWNS WITH OWNER AND G.C.

3. DEMO HEATING WATER PIPING FROM ANY DEMOLISHED HOT WATER COIL BACK TO THE PIPE MAIN AND CAP. DO NOT LEAVE DEAD LEGS.




1 LEVEL 01 - FIITTING - DEMO - AREA B

SCALE: 1/4" = 1'-0"


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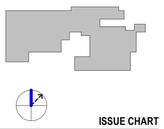
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MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

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Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

TITLE

**LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA B - FITTING**

SHEET NUMBER

**DF2.01B**


7/9/2025 2:36:37 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/MECH-MultiCare-Kitchen-R25.rvt

SHEET NOTES

1. FIELD TO ADJUST AIRFLOW FROM EXISTING DIFFUSERS AND GRILLES TO ENSURE 2 AIR CHANGES FOR TEMPORARY LINEN AND DRY FOOD STORAGE AREAS OF PHASE 0. REFER TO ARCHITECTURAL PLANS FOR TEMP DRY STORAGE AND TEMP LINEN LOCATIONS.

FIRE & SMOKE RATING LEGEND

- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION

1 / TM2.01C
1 / TM2.01A 1 / TF2.01A
2 / TM2.01B 2 / TF2.01B

1 LEVEL 01 - SHEETMETAL - PHASE 1
SCALE: 1/8" = 1'-0"


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| A | Permit Corrections | 2025-07-11 |

Job Number 7725-4055

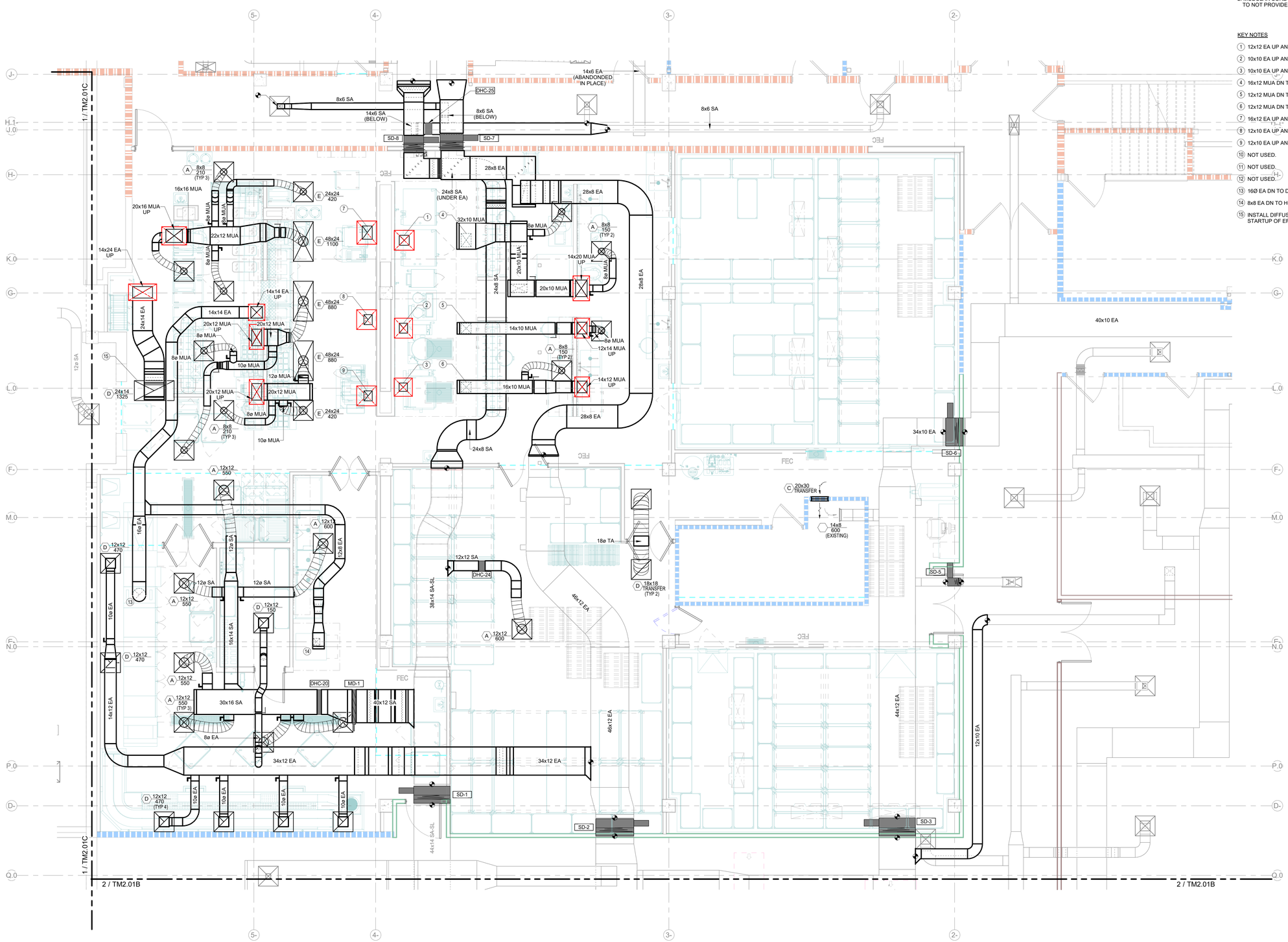
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LEVEL 01 OVERALL FLOOR PLAN - MECHANICAL

SHEET NUMBER

TM2.01

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1 LEVEL 01 - SHEETMETAL - AREA A
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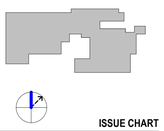
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PHASE 1 PERMIT SET 07/11/2025

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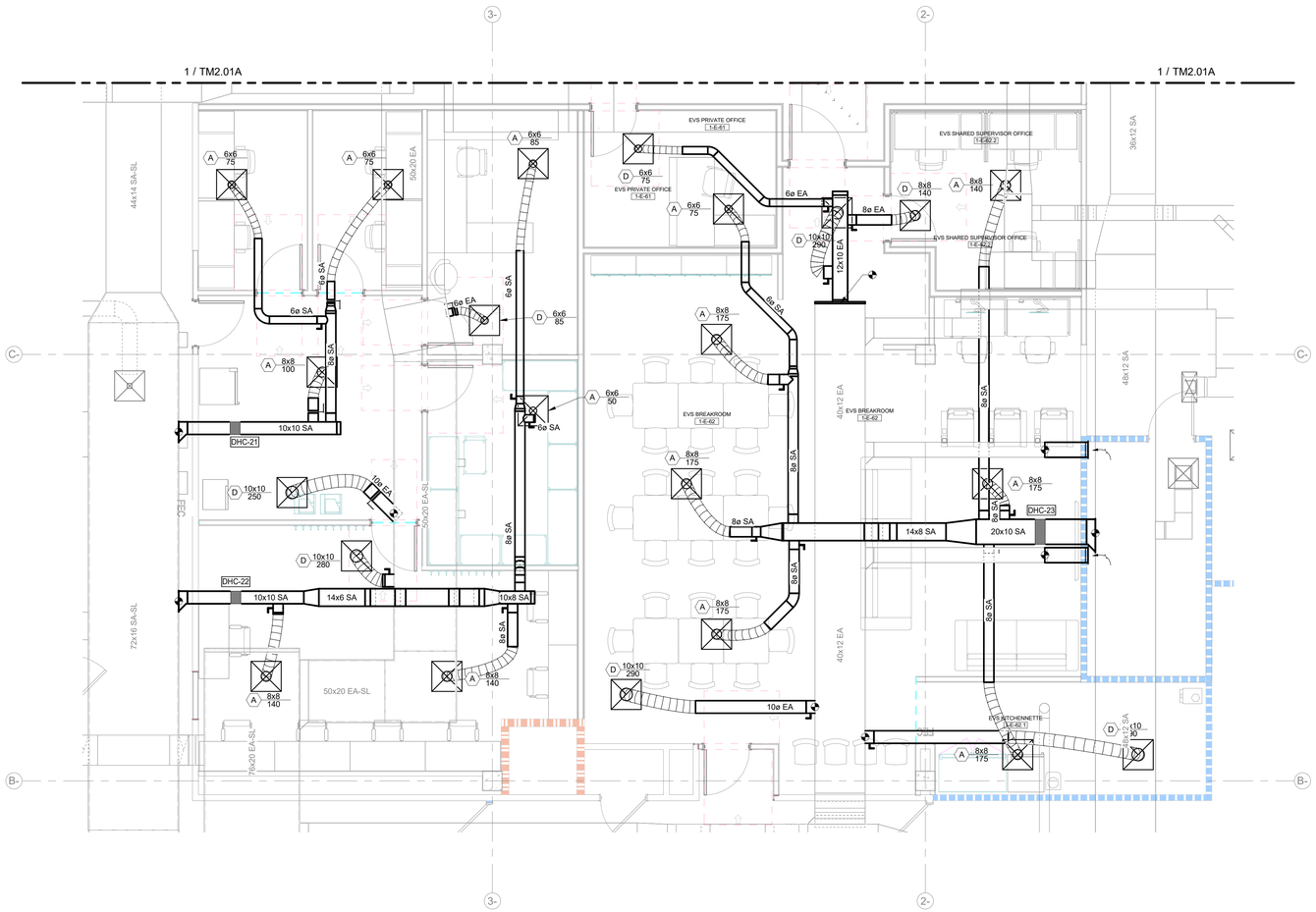
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Job Number 7725-4055

TITLE
LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - MECHANICAL

SHEET NUMBER
TM2.01A

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## 2 LEVEL 01 - SHEETMETAL - AREA B

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**Job Number** 7725-4055

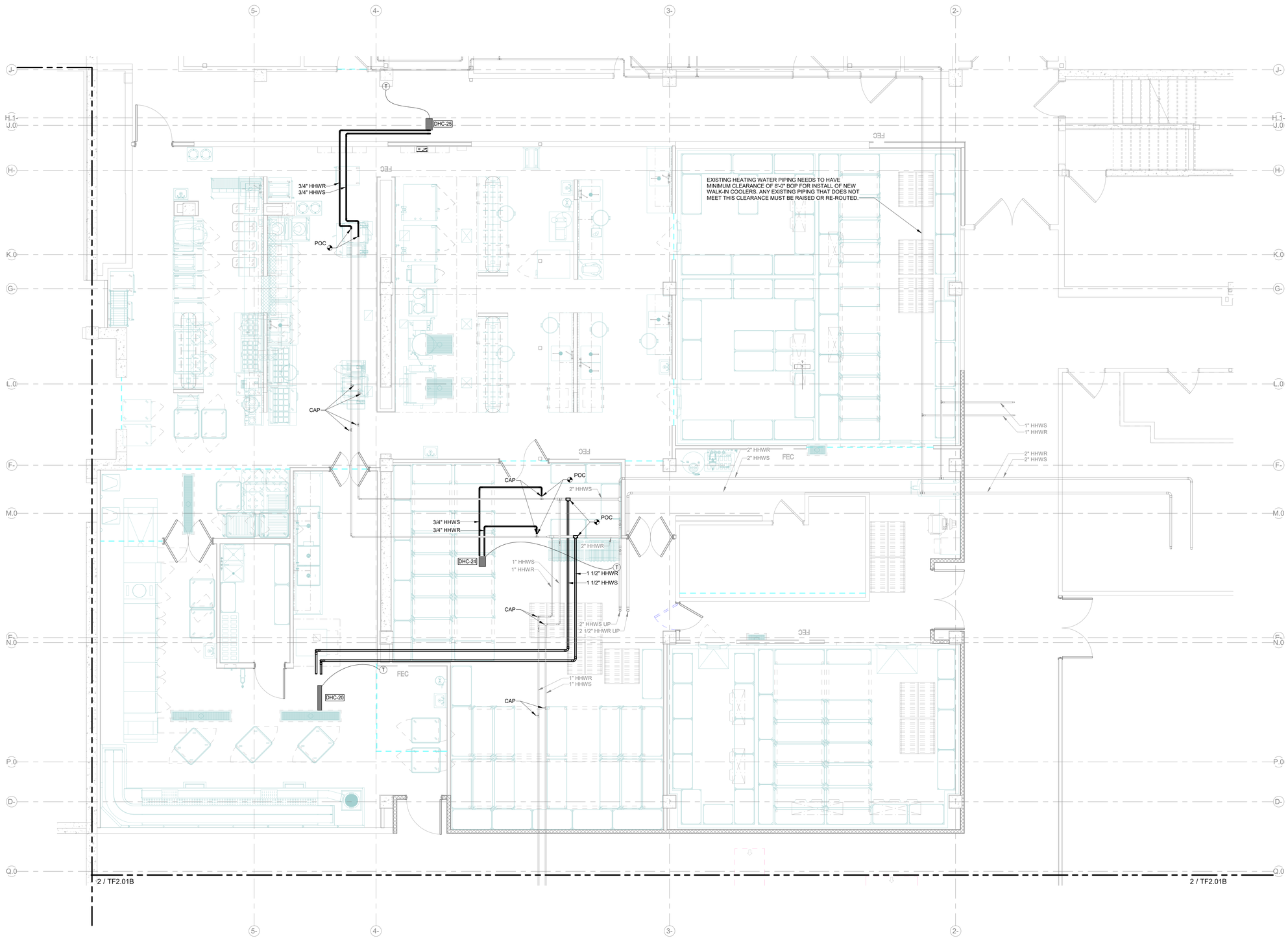
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**LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - MECHANICAL**

SHEET NUMBER

**TM2.01B**


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1 LEVEL 01 - FITTING - AREA A

SCALE: 1/4" = 1'-0"

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KEY PLAN

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| Engineering | Public Works |
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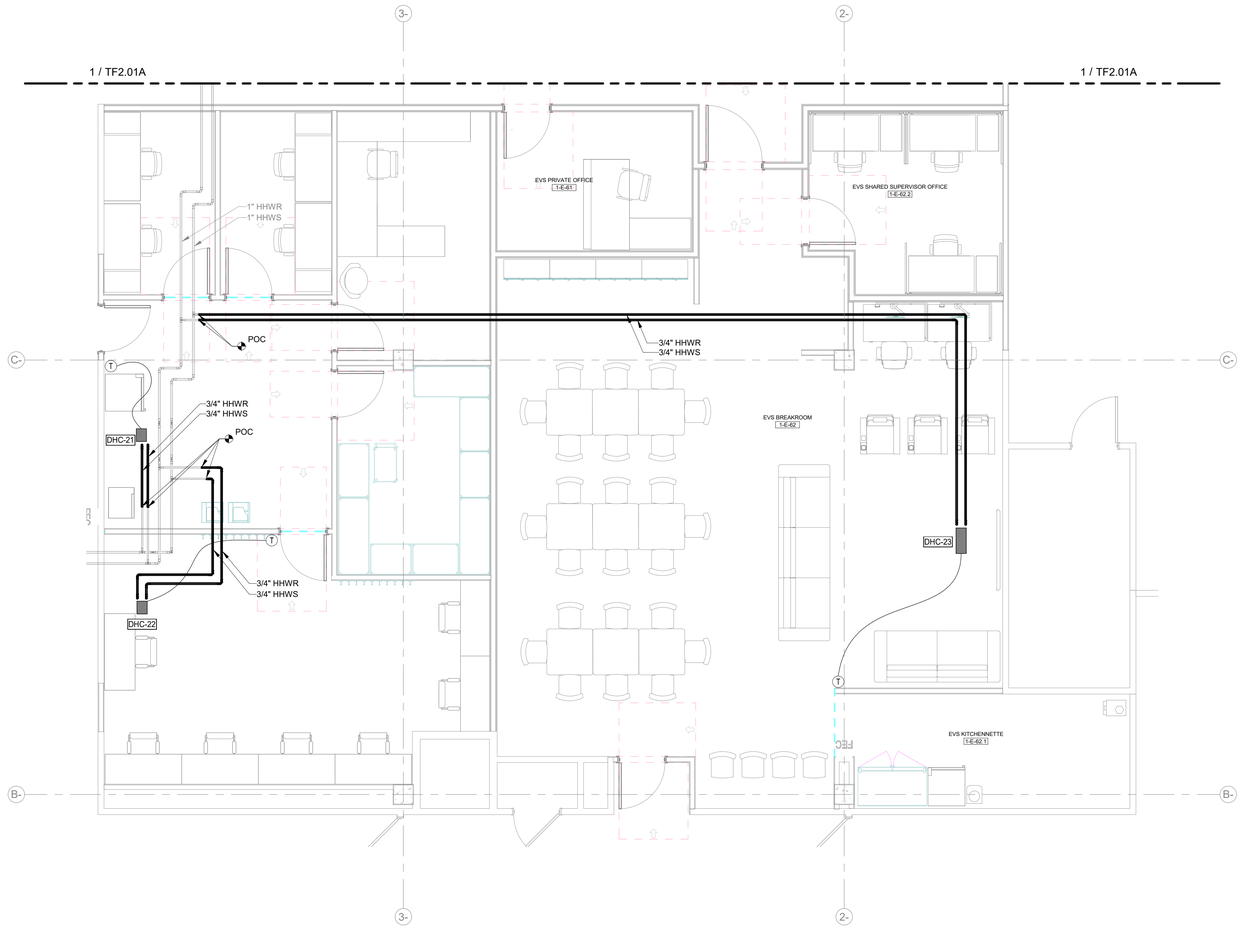
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TITLE

**LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - FITTING**

SHEET NUMBER

**TF2.01A**




## 2 LEVEL 01 - FITTING - AREA B

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**Job Number** 7725-4055

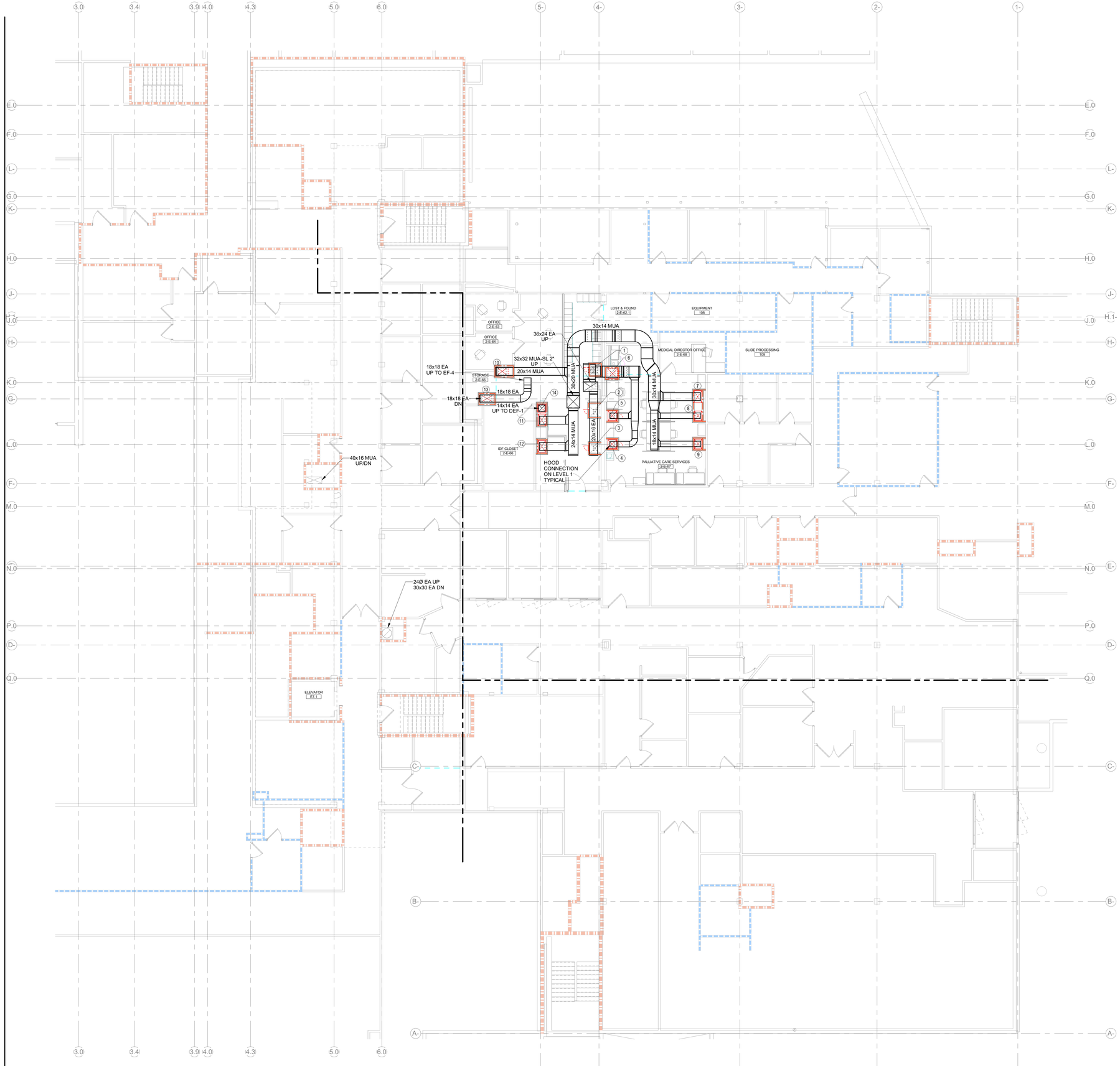
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**LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - FITTING**

SHEET NUMBER

**TF2.01B**


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1 LEVEL 02 - SHEETMETAL - PHASE 1

SCALE: 1/8" = 1'-0"

SHEET NOTES

1. ALL DUCTWORK SHOWN ON THIS PLAN SHALL BE PROTECTED BY EITHER A RATED SHAFT ENCLOSURE (BY G.C.) OR FIRE WRAPPED. THE INTEGRITY OF THE FIRE RATING SHALL BE MAINTAINED FROM THE LEVEL 2 SLAB PENETRATIONS UP THROUGH THE LEVEL 3 ROOF.

2. GREASE EXHAUST DUCT ACCESS PANELS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 506.3.8 AND 506.3.9 OF THE 2021 WASHINGTON STATE MECHANICAL CODE. ACCESS PANELS SHALL BE:
   - LOCATED NOT MORE THAN 10 FEET FROM CHANGES IN DIRECTION GREATER THAN 45 DEGREES.
   - LOCATED ON THE SIDE OR TOP OF THE DUCT, NOT ON THE BOTTOM.
   - HAVE DIMENSIONS OF *AT LEAST* 12 INCHES BY 12 INCHES.

3. RATED ACCESS PANELS FOR SHAFT ENCLOSURE PROVIDED BY G.C. ACCESS PANELS ON GREASE DUCT BY M.C. ACCESS PANELS ON SHAFT ENCLOSURE SHALL BE LOCATED AS TO PROVIDE CLEAR ACCESS TO GREASE EXHAUST CLEANOUTS.

KEY NOTES

1. 16x12 EA DN. MIN SLAB OPENING 28x24.
2. 12x12 EA DN. MIN SLAB OPENING 24x24.
3. 12x12 EA DN. MIN SLAB OPENING 24x24.
4. 10x10 EA DN. MIN SLAB OPENING 22x22.
5. 12x10 EA DN. MIN SLAB OPENING 24x22.
6. 12x12 EA DN. MIN SLAB OPENING 24x24.
7. 20x14 MUA DN. MIN SLAB OPENING 30x20.
8. 14x12 MUA DN. MIN SLAB OPENING 24x18.
9. 14x12 MUA DN. MIN SLAB OPENING 24x18.
10. 20x16 MUA DN. MIN SLAB OPENING 30x22.
11. 20x12 MUA DN. MIN SLAB OPENING 30x18.
12. 20x12 MUA DN. MIN SLAB OPENING 30x18.
13. 24x14 EA DN. MIN SLAB OPENING 34x20.
14. 14Ø EA UP/DN. MIN SLAB OPENING 20x20.

A

FIRE & SMOKE RATING LEGEND

- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION


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PHASE 1 PERMIT SET 07/11/2025

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KEY PLAN

ISSUE CHART

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**Job Number** 7725-4055

TITLE

**LEVEL 02 FLOOR PLAN - PHASE 1 - MECHANICAL**

SHEET NUMBER

**TM2.02**


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1 LEVEL 03 - SHEETMETAL - PHASE 1

SCALE: 1/8" = 1'-0"

KEY NOTES

1 EXISTING DISHWASHER EXHAUST FAN TO BE DEMOLISHED AFTER THE COMPLETION OF PHASE 1


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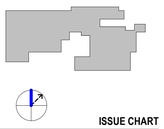

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|---|---|---|

Job Number 7725-4055

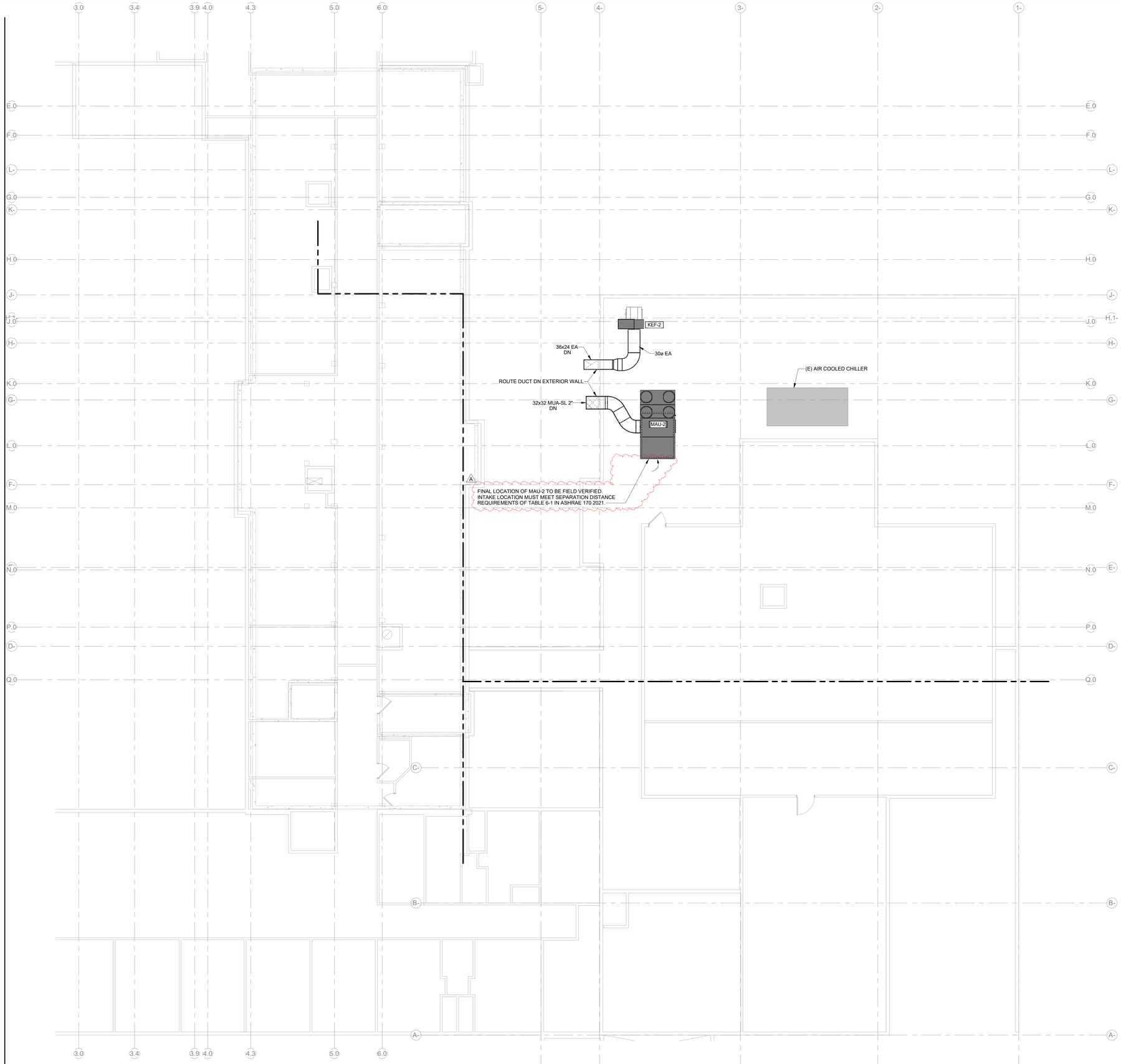
TITLE

**LEVEL 03 FLOOR PLAN - PHASE 1 - MECHANICAL**

SHEET NUMBER

**TM2.03**


7/9/2025 2:37:22 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/MECH-MultiCare-Kitchen-R25.rvt




1 LEVEL 04 - SHEETMETAL - PHASE 1
SCALE: 1/8" = 1'-0"

SHEET NOTES

1. GC SHALL PROVIDE PERSONNEL FALL PROTECTION FOR SERVICING MECHANICAL EQUIPMENT LOCATED WITHIN 10 FT FROM THE EDGE OF THE ROOF.
2. EQUIPMENT SHALL BE MOUNTED TO THE ROOF IN ACCORDANCE WITH THE STRUCTURAL DRAWINGS.
3. ROOF MODIFICATIONS INCLUDING ROOFING, PATCHING, INSULATION, AND WATERPROOFING SHALL BE BY THE GC.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE A 120V GFCI OUTLET WITHIN 25 FEET OF ROOF MOUNTED MECHANICAL EQUIPMENT.


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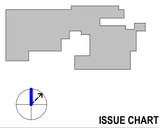

07/09/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
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MULTICARE

KEY PLAN



ISSUE CHART

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| MARK | ISSUE | DATE |
|---|---|---|
| A | Permit Corrections | 2025-07-11 |

Job Number 7725-4055

TITLE

LEVEL 04 FLOOR PLAN - PHASE 1 - MECHANICAL

SHEET NUMBER

TM2.04


7/9/2025 2:37:26 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/MECH-MultiCare-Kitchen-R25.rvt

SHEET NOTES

1. REFER TO ARCHITECTURAL LIFE SAFETY DRAWINGS FOR WALL DESIGNATIONS AND SMOKE BARRIER INFORMATION. THE INTENT OF THIS DRAWING IS TO SHOW RELATED HVAC DAMPER CHANGES.

EXISTING SMOKE BARRIER

SMOKE COMPARTMENT S1.9

SMOKE COMPARTMENT S1.7

SMOKE COMPARTMENT S1.8

NEW SMOKE BARRIER

DEMO SMOKE BARRIER

SD-1 SD-2 SD-3 SD-5 SD-6 SD-7 SD-8

MECHANICAL 1-C-5

MECHANICAL 1-C-4

BUILDING GROUNDS 35

SOILED LINEN 33

CASH COUNTING 1-E-2

OVERFLOW 1-E-1

CALL CENTER 1-E-3.1

HOUSEKEEPING 1-E-21

HAZARDOUS STORAGE 1-E-20

CORRIDOR 1-E-22

EXISTING WALK-IN EX

EXISTING SERVERY 1-C-11

PHASE 1 KITCHEN 1-E-53

PHASE 2 KITCHEN 1-C-33

COOLERS 1-E-52

CLEAN SORT 1-E-54

DRY STORAGE 1-E-57

ELECTRICAL ROOM 1-E-28

CORRIDOR 1-E-50

TOILET G/SO1355

PATHOLOGY 1-E-12

CART WASH 1-E-56

WARE WASH 1-E-55

WALK-IN FREEZERS 1-E-58

SUPERVISORS 1-C-31

SUPERVISORS 1-C-32

ELEVATOR E7.1

LINEN 1-E-33

DIALYSIS STORAGE 78

TOUCHDOWN 1-E-60.1

TOUCHDOWN 1-E-60.2,4

NUTRITION SERVICES MANAGER OFFICE 1-E-60.3

EVS PRIVATE OFFICE 1-E-61

EVS SHARED SUPERVISOR OFFICE 1-E-62

MENS LOCKER ROOM 118

WOMENS LOCKER ROOM 119

WORKROOM 1-E-60

EVS BREAKROOM 1-E-63

CONDENSATE ROOM 1-E-13.1

TUBE FEEDING STORAGE 1-E-60.6

DIETITIAN OFFICES 1-E-60.5

EVS KITCHENETTE 1-E-64

LINEN STORAGE 1-E-65


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07/09/2025

PHASE 1 PERMIT SET 07/11/2025

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WA 98372

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**Job Number** 7725-4055

**TITLE**

**LEVEL 01 SMOKE CONTROL FLOOR PLAN - MECHANICAL**

**SHEET NUMBER**

**TM3.01**

1 LEVEL 01 - SHEETMETAL - FSD
SCALE: 1/8" = 1'-0"

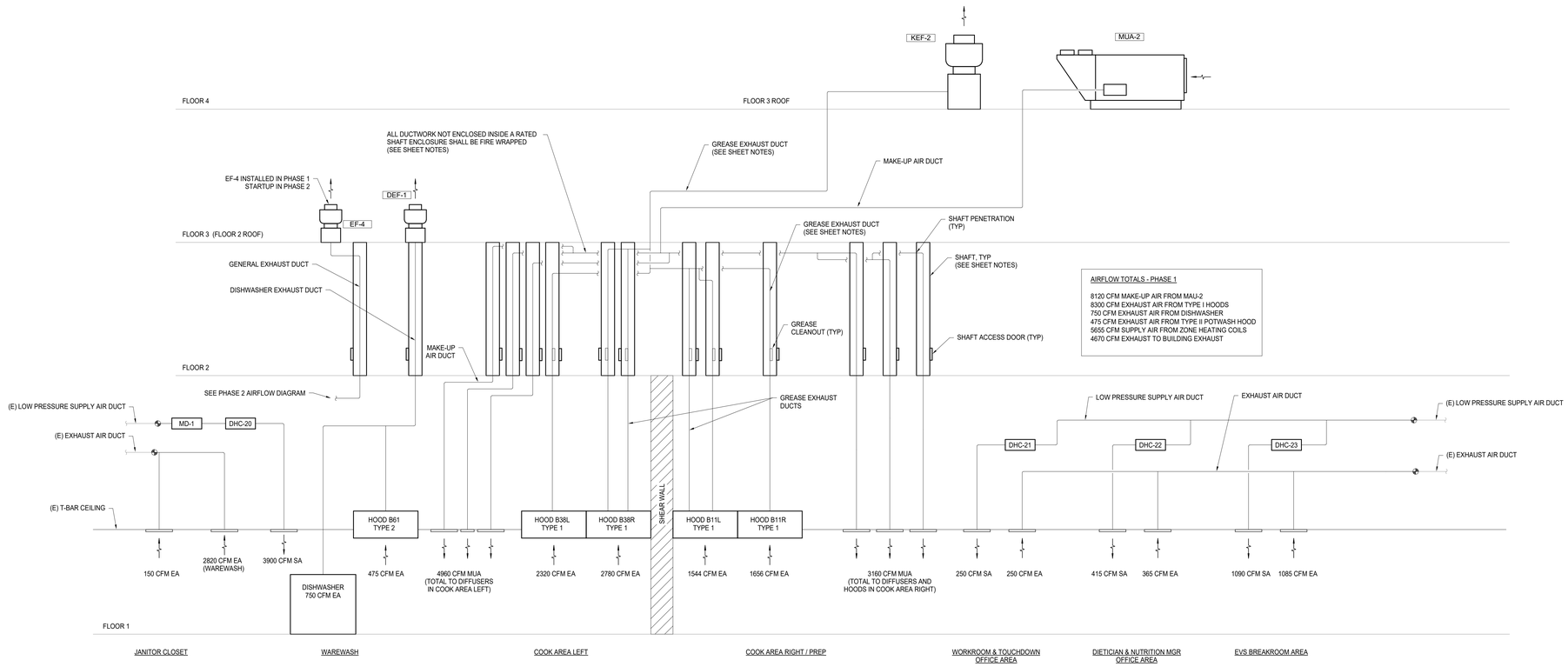
7/9/2025 2:37:39 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/MECH-MultiCare-Kitchen-R25.rvt

SHEET NOTES

1. ALL DUCTWORK ON LEVEL 2 SHALL BE PROTECTED BY EITHER A RATED SHAFT ENCLOSURE OR FIRE WRAP PER 2021 WASHINGTON STATE BUILDING CODE REQUIREMENTS. THE FIRE RATING FOR EACH DUCT SYSTEM SHALL BE MAINTAINED FROM THE LEVEL 2 FLOOR PENETRATION UP THROUGH THE LEVEL 3 ROOF. SEE SHEET TM2.02 FOR INDIVIDUAL SHAFT LOCATIONS AND SIZES. EXHAUST DUCT SERVING TYPE I HOODS SHALL BE ENCLOSED IN ITS OWN SHAFT THAT DOES NOT CONTAIN OTHER DUCTS, PIPING, OR WIRING SYSTEMS PER 2021 WASHINGTON STATE MECHANICAL CODE SECTION 506.3.11.

2. GREASE EXHAUST DUCT ACCESS PANELS SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 506.3.8 AND 506.3.9 OF THE 2021 WASHINGTON STATE MECHANICAL CODE. ACCESS PANELS SHALL BE:
   - LOCATED NOT MORE THAN 10 FEET FROM CHANGES IN DIRECTION GREATER THAN 45 DEGREES.
   - LOCATED ON THE SIDE OR TOP OF THE DUCT, NOT ON THE BOTTOM.
   - HAVE DIMENSIONS OF *AT LEAST* 12 INCHES BY 12 INCHES.

3. RATED ACCESS PANELS FOR SHAFT ENCLOSURE PROVIDED BY G.C. ACCESS PANELS ON GREASE DUCT BY M.C. ACCESS PANELS ON SHAFT ENCLOSURE SHALL BE LOCATED AS TO PROVIDE CLEAR ACCESS TO GREASE EXHAUST CLEANOUTS.




AIRFLOW TOTALS - PHASE 1

8120 CFM MAKE-UP AIR FROM MAU-2
8300 CFM EXHAUST AIR FROM TYPE I HOODS
750 CFM EXHAUST AIR FROM DISHWASHER
475 CFM EXHAUST AIR FROM TYPE II POTWASH HOOD
5655 CFM SUPPLY AIR FROM ZONE HEATING COILS
4670 CFM EXHAUST TO BUILDING EXHAUST

## PHASE 1 - KITCHEN AIRFLOW DIAGRAM


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06/25/2025

PHASE 1 PERMIT SET 07/11/2025

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**Job Number** 7725-4055

TITLE

**AIRFLOW DIAGRAMS - PHASE 1 - MECHANICAL**

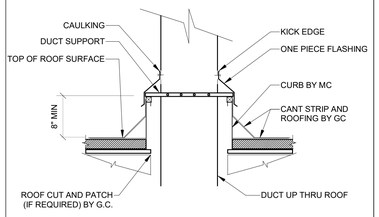
SHEET NUMBER

**TM4.01**

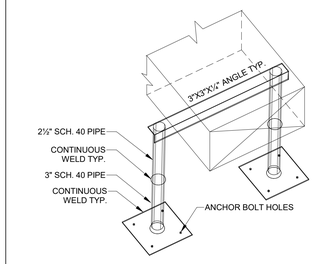

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**NOTES:**

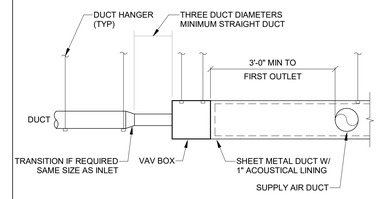
CURB DIMENSION ID SHALL BE DUCT DIMENSION PLUS 4" MIN.




20 TM6.01 — ROOF TOP DUCT PENETRATION CURB DETAIL
N.T.S.

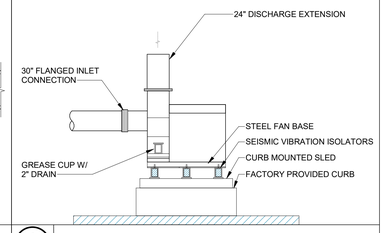



15 TM6.01 — ROOFTOP DUCT SUPPORT DETAIL
N.T.S.

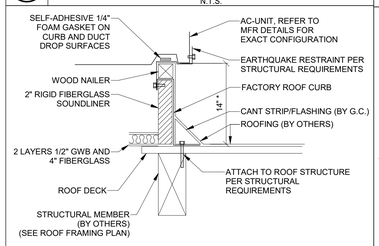



10 TM6.01 — VAV BOX DETAIL
N.T.S.

**NOTE:** COORDINATE EQUIPMENT SUPPORT LOCATION WITH STRUCTURAL ENG & G.C




5 TM6.01 — KITCHEN GREASE EXHAUST FAN
N.T.S.

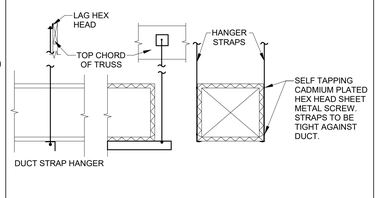



NOTE:

ROOF OPENING AND TEMPORARY WEATHER COVER OF ROOF OPENING BY G.C.

"14" IS MINIMUM STANDARD. FOR ABOVE DECK INSULATION APPLICATIONS MAINTAIN 8" DISTANCE FROM UNIT GASKET TO TOP OF FINISHED ROOF.

19 TM6.01 — ROOF TOP AC UNIT CURB DETAIL (UNITS 5 TO 25 TON)
N.T.S.

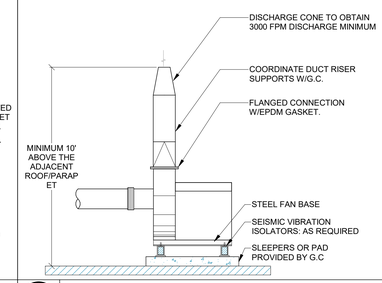



FOLLOW CURRENT SMACNA STANDARDS FOR HANGER SPACING TYPE AND SIZE.

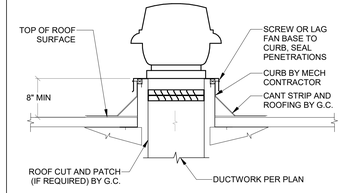
SEE SMACNA HVAC DUCT CONSTRUCTION STANDARDS

14 TM6.01 — DUCTWORK HANGER SCHEDULE / DETAIL
N.T.S.

**NOTE:** COORDINATE EQUIPMENT SUPPORT LOCATION WITH STRUCTURAL ENG & G.C



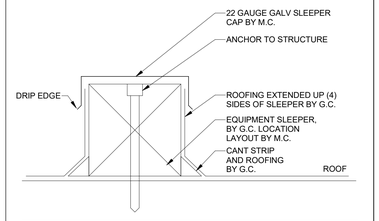

9 TM6.01 — KEF-1 EXHAUST FAN DETAIL (EXISTING)
N.T.S.




**GENERAL NOTES:**

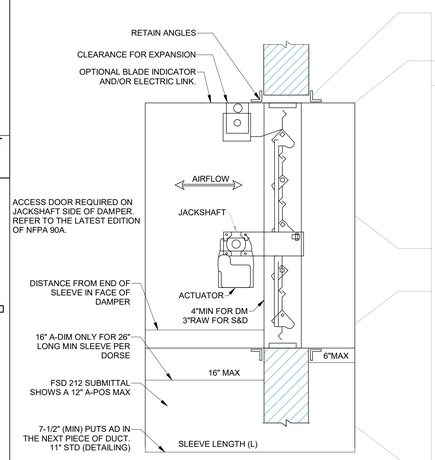
EXACT DAMPER & CURB SIZE MUST BE CHECKED FROM EQUIPMENT SUBMITTALS. FINAL RESPONSIBILITY FOR CORRECT CURB & DAMPER SIZES BY INSTALLER

4 TM6.01 — EXHAUST FAN INSTALLATION DETAIL
N.T.S.




18 TM6.01 — ROOF TOP EQUIPMENT SLEEPER SUPPORT DETAIL
N.T.S.

COMBINATION FIRE/SMOKE DAMPER INSTALLATION INSTRUCTIONS




TYPE A & AS VERTICAL MOUNTING

1-1/2 AND 3 HOUR RATED LISTED AND LABELED BY:

ULC UL

**MANUFACTURES INSTALLATION INSTRUCTIONS TAKE PRIORITY. THIS INFORMATION MEANT TO SUPPLEMENT MANUFACTURES INFORMATION.**

DAMPERS SHALL BE SECURED TO COLLAR WITH NO. 10 SHEET METAL SCREWS 6" ON CENTER, 1/4" DIA. NUTS AND BOLTS, WELDING, OR 3/16" STEEL POP RIVETS.

SEE NOTES 2 AND 3 FOR JOINT DETAIL.

ANGLES SHALL BE A MINIMUM OR 1 1/2" X 1 1/2" X 16 GAUGE. FASTEN TO COLLAR WITH 1/4" DIAMETER NUTS AND BOLTS, WELDING 6" ON CENTER, NO. 10 SHEET METAL SCREWS 6" ON CENTER, OR 3/16" STEEL POP RIVETS. (SEE NOTE 4 FOR CLEARANCE AND OVERLAP.)

**NOTES:**

1. COLLARS SHALL BE OF THE SAME GAUGE OR HEAVIER AS THE DUCT TO WHICH IT IS ATTACHED. GAUGES SHALL CONFORM TO SMACNA OR ASH-RAE DUCT STANDARDS. COLLARS SHALL EXTEND APPROXIMATELY 3" ON EITHER SIDE OF WALL OR FLOOR TO FACILITATE THE JOINING OF THE COLLAR TO THE DUCT. IN CASES WHERE THE WIDTH OF THE RETAINING ANGLE IS SUCH THAT IT WOULD INHIBIT JOINING THE COLLAR TO THE DUCT, THE COLLAR MAY EXTEND APPROXIMATELY 2" BEYOND THE EDGE OF THE ANGLES. SEE NOTE 3.
2. THE FOLLOWING DUCT-COLLAR CONNECTIONS MAY BE USED ON ALL SYSTEMS:
   - INSIDE SLIP
   - PLAIN 'S' SLIP
   - HEMMED 'S' SLIP
   - BAR SLIP
   - ALTERNATE BAR SLIP (STANDING SLIP)
   - REINFORCED BAR SLIP (CLEAT)
   - DOUBLE 'S' SLIP
   - CUP SLIP
   - DRIVE SLIP
   - POCKET LOCK
3. WHEN THE DUCT WORK TERMINATES AT THE DAMPER, RETAINING ANGLES ON THE OPPOSITE SIDE OF THE OPENING MAY BE REVERSED PROVIDED THE SIZE OF THE OPENING IS INCREASED BY AN AMOUNT EQUAL TO TWICE THE COMBINED THICKNESS OF THE ANGLE AND THE HEIGHT OF THE SCREW OR BOLTHEAD TO MAINTAIN EXPANSION CLEARANCE. (SEE NOTE 4.) IN THIS CASE THE COLLAR AT THE OPEN END MAY BE MADE FLUSH WITH THE EDGE OF THE RETAINING ANGLE.
4. CLEARANCE BETWEEN THE COLLAR AND WALL/FLOOR OPENING SHALL BE 1/8" PER FOOT ON HEIGHT AND WIDTH OF COLLAR TO A MAXIMUM OF 1/2" (E.G. DAMPER 47 3/4" X 47 3/4", COLLAR 48" X 48", OPENING 48 1/2" X 48 1/2"). PERIMETER ANGLES SHALL OVERLAP THE WALL/FLOOR BY A MINIMUM OF 1".
5. MAXIMUM SINGLE DAMPER OF A MULTIPLE ASSEMBLY SHALL BE 36"X48". MAXIMUM MULTIPLE ASSEMBLY SHALL BE 72"X48".
6. IN CASES WHERE THE OPENINGS ARE LARGER THAN SPECIFIED IN NOTE 5, A 12" WIDE BRICK OR REINFORCED CONCRETE MULLION MUST BE PROVIDED BETWEEN ADJACENT ASSEMBLIES.
7. AS WITH ALL JOINTS, CONTRACTOR MUST SEAL DUCT-COLLAR CONNECTIONS, IN FIELD, AFTER INSTALLATION.
8. SUITABLE ACCESS SERVICE OPENINGS MUST BE PROVIDED TO MAKE FIRE DAMPERS ACCESSIBLE FOR INSPECTION AND SERVICING.
9. HORIZONTAL MOUNTINGS IDENTICAL.

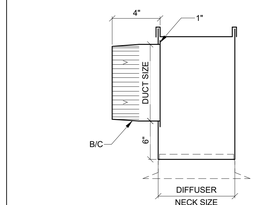
**IMPORTANT:**

- DO NOT CAST DAMPER IN PLACE.
- DO NOT FASTEN RETAINING ANGLES OR DAMPER DIRECTLY TO WALL OR FLOOR.
- CYCLE DAMPER AFTER INSTALLATION TO INSURE FREE MOVEMENT.
- DO NOT INSTALL DAMPER OUT OF SQUARE OR OUT OF FLAT.
- INSTALL DAMPER IN PLANE OF FIRE SEPARATION.

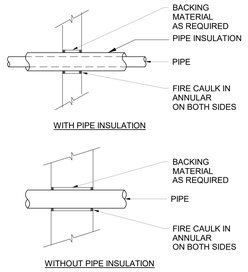
**NOTE:**

CAUTION - HEAVY SPRING USED TO LOAD SPRINT LINK ACTUATOR. USE CARE IN RESETTING LINK.

11 TM6.01 — FIRE / SMOKE DAMPER INSTALLATION DETAIL
N.T.S.

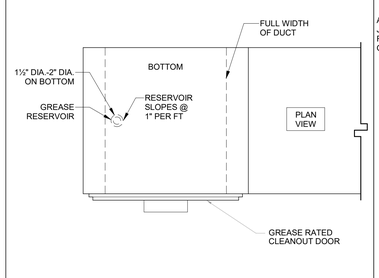


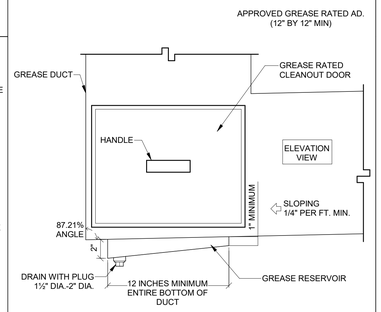

3 TM6.01 — DIFFUSER CAN DETAIL (NO PERF)
N.T.S.



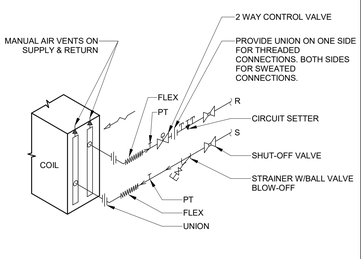

NOTE: INSTALL PER MFG. INSTRUCTIONS AND UL LISTING

22 TM6.01 — PIPING THRU RATED WALLS
N.T.S.



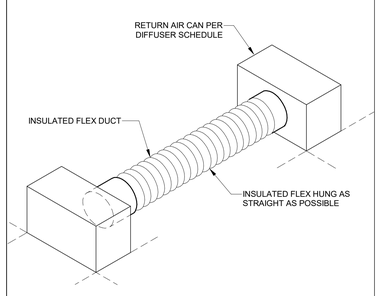




16 TM6.01 — GREASE RESERVOIR
N.T.S.

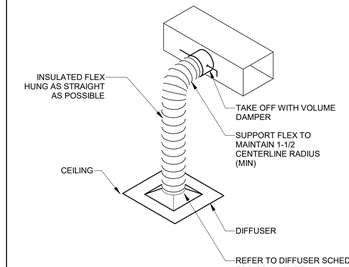



NOTE: A COMPLETE HOSE KIT W/ ALL COMPONENTS MAY BE PROVIDED.

21 TM6.01 — HYDRONIC COIL WITH 2-WAY CONTROL DETAIL
N.T.S.




2 TM6.01 — DUCTED TRANSFER GRILLE INSULATION DETAIL
N.T.S.




1 TM6.01 — DIFFUSER INSTALLATION DETAIL
N.T.S.


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06/25/2025

**PHASE 1 PERMIT SET 07/11/2025**

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 7725-4055 | |

TITLE

**DETAILS - MECHANICAL**

SHEET NUMBER

**TM6.01**


7/9/2025 2:37:41 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/MECH-MultiCare-Kitchen-R25.rvt

## LIGHT FIXTURES

CIRCUITS EMERGENCY NORMAL — STD=DRAWN TO SCALE · NTS=NOT TO SCALE · LTS=LENGTH ONLY TO SCALE; REFER TO FIXTURE SCHEDULE

- a — LOWER-CASE LETTER DENOTES SWITCH LEG
- RECESSED, DTS
- SURFACE-MOUNTED, DTS
- STRIP, LTS
- WALL-MOUNTED, LTS
- RECESSED DOWNLIGHT, DTS
- SURFACE-MOUNTED DOWNLIGHT, DTS
- PENDANT-MOUNTED, DTS
- LINEAR PENDANT-MOUNTED, LTS
- WALL-MOUNTED, NTS
- WALL-MOUNTED, VERTICALLY ORIENTED, NTS
- N/A — CONTINUOUS LED TAPE-LIGHT, LTS
- 90 N/A — EXIT SIGN, FILLED SIDE ILLUMINATED, DIRECTIONAL ARROWS AS INDICATED, NTS
- N/A — EMERGENCY BATTERY PACK, NTS
- N/A — EXIT WITH EMERGENCY BATTERY PACK, NTS

## LIGHTING CONTROLS

- $g — LOWER-CASE LETTER DENOTES CIRCUIT CONTROLLED
- $ — SINGLE-POLE SWITCH
- DIMMER SWITCH
- $2 — DOUBLE-POLE SWITCH
- $3 — 3-WAY SWITCH
- $4 — 4-WAY SWITCH
- $K — KEY-OPERATED SWITCH
- $LV — MOMENTARY CONTACT, LOW-VOLTAGE SWITCH
- $O — OCCUPANCY SENSOR SWITCH
- $T — TIMECLOCK
- $PC — PHOTOCELL SWITCH
- OS — OCCUPANCY SENSOR, CEILING-MOUNTED
- PC PC — PHOTOCELL CONTROL, WALL-MOUTED & CEILING-MOUNTED
- PS — PHOTO SENSOR CONTROL, CEILING-MOUNTED

## FIRE ALARM

- FIRE SERVICE PHONE STATION
- SMOKE DETECTOR
- DUCT SMOKE DETECTOR
- HEAT DETECTOR
- F — MANUAL PULL STATION
- STROBE, WALL-MOUNTED & CEILING-MOUNTED
- SPEAKER, WALL-MOUNTED & CEILING-MOUNTED
- HORN, WALL-MOUNTED & CEILING-MOUNTED
- SPEAKER WITH STROBE, WALL-MOUNTED & CEILING-MOUNTED
- HORN WITH STROBE, WALL-MOUNTED & CEILING-MOUNTED
- FACP — CONTROL PANEL
- FARA — REMOTE ANNUCIATOR
- FARP — REMOTE PANEL
- FATC — TERMINAL CABINET
- SPRINKLER FLOW SWITCH
- SPRINKLER TAMPER SWITCH

## ONE-LINE DIAGRAM

- AVAILABLE FAULT CURRENT IDENTIFICATION
- A — AMMETER
- ARRESTOR, SURGE
- ARRESTOR, LIGHTNING
- AUTOMATIC TRANSFER SWITCH (ATS)
- BUSWAY END TAP
- B — BUSWAY PLUG
- CAPACITOR
- CIRCUIT BREAKER
- CIRCUIT BREAKER, NETWORK PROTECTOR
- GF — CIRCUIT BREAKER, GFI
- CIRCUIT BREAKER, DRAWOUT
- XX XX — CIRCUIT BREAKER, DRAWOUT, MEDIUM VOLTAGE
- CIRCUIT BREAKER, THERMAL OVERLOAD
- CIRCUIT BREAKER, MAGNETIC OVERLOAD
- CONTACT, NORMALLY OPEN & NORMALLY CLOSED
- C — CONTACTOR
- DELTA CONNECTED
- G — ENGINE-GENERATOR
- FUSE (ISOLATING)
- FUSE OR CURRENT LIMITER
- FUSED SWITCH
- GROUND
- K — KEY INTERLOCK
- M — METER
- PM — POWER METER
- PUSHBUTTON
- R — RELAY
- G — RELAY, GFI
- SPD — SURGE PROTECTIVE DEVICE
- SWITCH, 2-POLE
- H A O — SWITCH, 3-POLE
- THERMAL ELEMENT
- TRANSFORMER
- TRANSFORMER, CURRENT
- V — VOLTMETER
- WHM — WATT HOUR METER
- WYE CONNECTED

## EQUIPMENT

- EQUIPMENT CONNECTION
- GROUND BAR, LENGTH TO SCALE
- MOTOR CONNECTION, SINGLE-PHASE
- MOTOR CONNECTION, THREE-PHASE
- SPD — SURGE PROTECTIVE DEVICE
- TRANSFORMER

## CONTROLS

- DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- MOTOR STARTER
- MANUAL MOTOR STARTER
- COMBINATION MOTOR STARTER FUSED DISCONNECT SWITCH
- ENCLOSED CIRCUIT BREAKER
- PUSH BUTTON CONTROL STATION
- AUTO DOOR PUSHPLATE
- HANDWAVE DOOR OPENER
- EMERGENCY POWER OFF (EPO)
- $M — MOTOR-RATED TOGGLE SWITCH
- VFD — VARIABLE FREQUENCY DRIVE

## TELECOM

- DATA OUTLET
- VOICE OUTLET
- COMBINATION DATA AND VOICE OUTLET
- DATA OUTLET, FLUSH FLOOR BOX
- DATA OUTLET, CEILING MOUNTED
- COMBINATION DATA AND POWER OUTLET, FLUSH FLOOR BOX
- COMBINATION DATA AND POWER OUTLET, CEILING MOUNTED
- TELECOMMUNICATIONS GROUNDING BAR, LENGTH TO SCALE
- TELECOMMUNICATIONS MAIN GROUNDING BAR, LENGTH TO SCALE
- CABLE TRAY
- WAP (WIRELESS ACCESS POINT)

## RECEPTACLES

CIRCUITS EMERGENCY NORMAL

- SINGLE, 120V
- DUPLEX, 120V
- DOUBLE DUPLEX, 120V
- SPLIT-WIRED DUPLEX, TOP SWITCHED
- SPLIT-WIRED DOUBLE DUPLEX, LEFT SWITCHED
- 208V OR 240V, SINGLE-PHASE
- N/A — 208V OR 240V, THREE-PHASE
- N/A — COMBINATION 120/208V OR 120/240V, SINGLE-PHASE
- N/A — 480V, SINGLE-PHASE
- N/A — 480V, THREE-PHASE
- SINGLE, 120V, TWIST LOCK
- DUPLEX, 120V, TWIST LOCK
- N/A — 208V OR 240V, SINGLE-PHASE, TWIST LOCK
- N/A — 208V OR 240V, THREE-PHASE, TWIST LOCK
- N/A — COMBINATION 120/208V OR 120/240V, SINGLE-PHASE, TWIST LOCK
- N/A — 480V, SINGLE-PHASE, TWIST LOCK
- N/A — 480V, THREE-PHASE, TWIST LOCK
- SINGLE, 120V, FLUSH FLOOR BOX
- DUPLEX, 120V, FLUSH FLOOR BOX
- DOUBLE DUPLEX,120V, FLUSH FLOOR BOX
- SPLIT-WIRED, 120V, FLUSH FLOOR BOX
- SINGLE, 120V, CEILING MOUNTED
- DUPLEX, 120V, CEILING MOUNTED
- DOUBLE DUPLEX, 120V, CEILING MOUNTED
- SPLIT-WIRED, 120V, CEILING MOUNTED

## POLES & POKE-THROUGHS

- POWER POKE-THROUGH
- DATA POKE-THROUGH
- COMBINATION POWER & DATA POKE-THROUGH
- POWER POLE
- DATA POLE
- COMBINATION POWER & DATA POLE

## RECEPTACLE TYPES

- AC — MOUNTED 3" ABOVE COUNTER BACKSPLASH
- D — DEDICATED CIRCUIT
- G — GROUND FAULT CIRCUIT INTERRUPTER (GFCI)
- GT — GFCI AND TAMPER RESISTANT
- I — ISOLATED GROUND
- T — TAMPER RESISTANT
- WP — GFCI WITH WEATHER PROOF COVER

## PANELBOARDS

- 208V SYSTEM PANELBOARD
- 480V SYSTEM PANELBOARD

## CIRCUITS

- RACEWAY CONCEALED IN CEILING OR WALL
- EXISTING RACEWAY
- RACEWAY BELOW SLAB OR UNDERGROUND
- RACEWAY UP
- RACEWAY DOWN
- RACEWAY STUB-OUT WITH BUSHING
- CIRCUIT CONTINUATION
- HOMERUN
- J J — JUNCTION BOX
- PB — PULL BOX

## WORK DEFINITION

- FLAG NOTE
- REVISION IDENTIFICATION
- EQUIPMENT IDENTIFICATION
- # / # — DETAIL REFERENCE
- SECTION REFERENCE
- N — PROJECT NORTH REFERNCE
- NEW WORK
- EXISTING CONDITIONS
- FUTURE WORK
- ××× — DEMOLISH EXISTING

## STANDARD MOUNTING HEIGHTS

LOCATE DEVICES AS NOTED BELOW UNLESS OTHERWISE INDICATED. OUTLET HEIGHTS ARE MEASURED FROM THE FINISHED FLOOR TO THE CENTERLINE OF THE OUTLET UNLESS OTHERWISE NOTED.

| | |
|---|---|
| RECEPTACLES | 18" VERTICALLY MOUNTED |
| SWITCHES | 43" VERTICALLY MOUNTED |
| CLOCK OUTLET | 80" |
| PANELBOARDS | 72" TO TOP OF PANELBOARD IN BOX IS <68" HIGH, OTHERWISE PER NEC 404.8 |
| INTERCOM | 43" |
| CARD READER | 43" |
| TELECOM OUTLET, DESK HANDSET | 18" VERTICALLY MOUNTED |
| TELECOM OUTLET, WALL HANDSET | 43" VERTICALLY MOUNTED |
| VOLUME CONTROLLER | 43" |
| FIRE ALARM PULL STATION | 43" |
| FIRE ALARM AUDIBLE NOTIFACTION DEVICES | TOP EDGE 90" AFF MINIMUM & 6" BELOW CEILING MINIMUM. (6" MINIMUM BELOW CEILING TAKES PRECEDENCE WHERE BOTH REQUIREMENTS CANNOT BE MET.) |
| FIRE ALARM VISUAL & COMBINATION AUDIBLE/VISUAL NOTIFICATION DEVICES | BOTTOM EDGE 80"AFF MINIMUM & TOP EDGE 96" AFF MINIMUM. |
| FIRE ALARM CONTROL PANEL | 72" TO TOP OF PANEL |

## GENERAL NOTES:

1. ALL ELECTRICAL WORK AND MATERIALS ARE TO COMPLY WITH THE LATEST REQUIREMENTS OF ALL APPLICABLE CITY, COUNTY, AND STATE CODES AS WELL AS THE NATIONAL ELECTRICAL CODE AS ADOPTED AND AMENDED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
2. FOR EXACT LOCATIONS OF ALL ELECTRICAL DEVICES AND LIGHTING FIXTURES, REFER TO THE ARCHITECTURAL DRAWINGS.

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| A,AMP | AMPERE | LTS | LENGTH ONLY TO SCALE |
| ABV | ABOVE | LV | LOW VOLTAGE |
| AC | 3" ABOVE COUNTER BACKSPLASH | MAG | MAGNETIC |
| ACH | ABOVE COUNTER HEIGHT | MAX | MAXIMUM |
| AFCI | ARC-FAULT CIRCUIT INTERRUPTING | MCB | MAIN CIRCUIT BREAKER |
| AFF | ABOVE FINISHED FLOOR | MCC | MOTOR CONTROL CENTER |
| AG | ABOVE GRADE | MH | MANHOLE |
| AHJ | AUTHORITY HAVING JURISDICTION | MIN | MINIMUM |
| AIC | AMPERE INTERRUPTING CAPACITY | MLO | MAIN LUGS ONLY |
| AL | ALUMINUM | MM | MULTIMODE |
| AM | AMMETER | MTD | MOUNTED |
| ANSI | AMERICAN NATIONAL STANDARDS INSTITUTE | MW | MICROWAVE |
| A/V | AUDIO/VISUAL | N | NEUTRAL |
| ATS | AUTOMATIC TRANSFER SWITCH | NC | NORMALLY CLOSED |
| AWG | AMERICAN WIRE GAUGE | NEC | NATIONAL ELECTRICAL CODE |
| BAS | BUILDING AUTOMATION SYSTEM | NEMA | NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION |
| BKR | BREAKER | NFPA | NATIONAL FIRE PROTECTION ASSOCIATION |
| CATV | COMMUNITY ACCESS TELEVISION | NIC | NOT IN CONTRACT |
| C | CONDUIT | NO | NORMALLY OPEN |
| CO | CONDUIT ONLY | NTS | NOT TO SCALE |
| CB | CIRCUIT BREAKER | OCPD | OVERCURRENT PROTECTIVE DEVICE |
| CCTV | CLOSED CIRCUIT TELEVISION | OPER | OPERATER/OPERABLE |
| CKT | CIRCUIT | OPOI | OWNER PROVIDED OWNER INSTALLED |
| CLG | CEILING | PB | PULLBOX |
| CM | CEILING MOUNTED | PNL | PANEL, PANELBOARD |
| COMM | COMMUNICATIONS | POS | POSITION/POINT OF SALE |
| CTRL | CONTROL | PR | PAIR |
| CU | COPPER | PTS | PNEUMATIC TUBE STATION |
| D | DATA | PWR | POWER |
| DC | DIRECT CURRENT | R | RACEWAY |
| DED | DEDICATED | RO | RACEWAY ONLY |
| DEV | DEVICE | RCP | REFLECTED CEILING PLAN |
| DIV | DIVISION | RCPT | RECEPTACLE |
| DN | DOWN | REF | REFRIGERATOR |
| DTS | DRAWN TO SCALE | SLV | SLEEVE |
| DW | DISHWASHER | SM | SINGLEMODE |
| DWG | DRAWING | SMR | SURFACE MOUNTED RACEWAY |
| EC | ELECTRICAL CONTRACTOR | SPECS | SPECIFICATIONS |
| EF | ENTRANCE FACILITY | SW | SWITCH |
| ER | EQUIPMENT ROOM/EMERGENCY ROOM | SWBD | SWITCHBOARD |
| | | TELECOM | TELECOMMUNICATIONS |
| EWC | ELECTRIC WATER COOLER | TGB | TELECOMMUNICATIONS GROUNDING BUSBAR |
| FA | FIRE ALARM | TMGB | TELECOMMUNICATIONS MAIN GROUNDING BUSBAR |
| FB | FLOOR BOX | TP | TRAP PRIMER |
| FBOIC | FURNISHED BY OTHERS, INSTALLED BY CONTRACTOR | TR | TELECOMMUNICATIONS ROOM |
| FI | FILM ILLUMINATOR | TV | TELEVISION |
| FO | FIBER OPTIC(AL) | TYP | TYPICAL |
| FOC | FACE OF COLUMN | UC | UNDER COUNTER |
| G,GND | GROUND | UF | UNDER FLOOR |
| GD | GARBAGE DISPOSAL | UG | UNDER GROUND |
| GEN | GENERATOR | UL | UNDERWRITERS' LABORATORIES |
| GFI,GFCI | GROUND FAULT CIRCUIT INTERRUPTER | UON | UNLESS OTHERWISE NOTED |
| HH | HAND HOLE | UTP | UNSHIELDED TWISTED PAIR |
| HP | HORSEPOWER | V | VOLT OR VOICE |
| HTR | HEATER | VEL | VERIFY EXACT LOCATION |
| IDF | INTERMEDIATE DISTRIBUTION FRAME | W | WIRE, WATT, OR WALLPHONE |
| IHW | INSTA-HOT WATER DISPENSER | WAP | WIRELESS ACCESS POINT |
| JB,J-BOX | JUNCTION BOX | WP | WEATHERPROOF |
| KV | KILOVOLT | XFMR | TRANSFORMER |
| KVA | KILOVOLT AMPERE | Ø | PHASE |
| KW | KILOWATT | | |
| KWH | KILOWATT HOUR | | |
| LED | LIGHT EMITTING DIODE | | |
| LS | LIFE SAFETY | | |
| LTG | LIGHTING | | |

## SHEET LIST

| DRAWINGS SHEET LIST - PHASE 1 | |
|---|---|
| SHEET NUMBER | SHEET NAME |
| E00-00 | SYMBOLS AND ABBREVIATIONS |
| E10-00 | OVERALL PHASING PLAN |
| E10-10 | PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 01 |
| E10-11 | PHASE 1 - LIGHTING DEMOLITION PLAN - LEVEL 01 |
| E10-12 | PHASE 1 - POWER DEMOLITION PLAN - LEVEL 01 |
| E10-20 | PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 02 |
| E10-21 | PHASE 1 - POWER AND LIGHTING DEMOLITION PLAN - LEVEL 02 |
| E11-10 | PHASE 1 - OVERALL FLOOR PLAN - LEVEL 01 |
| E11-11 | PHASE 1 - LIGHTING RCP - LEVEL 01 |
| E11-12A | PHASE 1 - STEP 1 - POWER PLAN - LEVEL 01 |
| E11-12B | PHASE 1 - STEP 1 - POWER PLAN - LEVEL 01 |
| E11-12C | PHASE 1 - FINAL - POWER PLAN - LEVEL 01 |
| E11-20 | PHASE 1 - OVERALL FLOOR PLAN - LEVEL 02 |
| E11-21 | PHASE 1 - POWER AND LIGHTING PLAN - LEVEL 02 |
| E11-22 | PHASE 1 - ROOF POWER PLAN - LEVEL 03 |
| E11-23 | PHASE 1 - ROOF POWER PLAN - LEVEL 04 |
| E50-00 | ONE-LINE DIAGRAM - EXISTING 12.47kV |
| E50-03-1 | PHASE 1 - ONE-LINE DIAGRAM - D & T WING |
| E50-04-1 | PHASE 1 - ONE-LINE DIAGRAM - NORTH CENTRAL & SOUTH WINGS |
| E80-00 | PHASE 1 - EQUIPMENT COORDINATION SCHEDULES |
| E80-01 | PHASE 1 - EQUIPMENT COORDINATION SCHEDULES |
| E80-03 | PHASE 1 - PANEL SCHEDULES |


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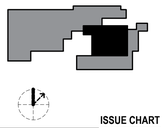

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PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number

TITLE

SYMBOLS AND ABBREVIATIONS

SHEET NUMBER

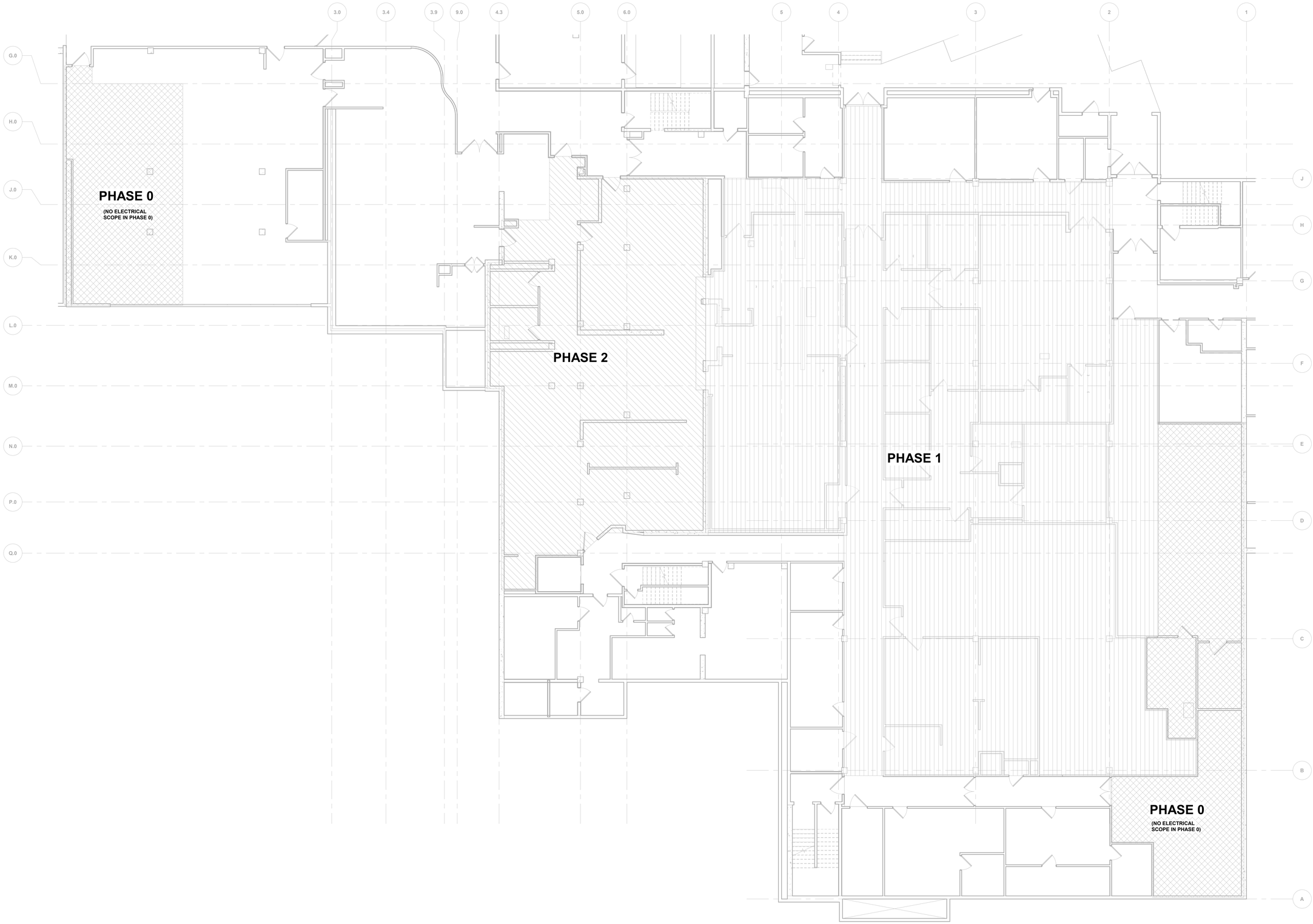
E00-00

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## GENERAL NOTES:

1 PHASING PLAN SHOWN FOR REFERENCE ONLY. SEE ARCHITECTURAL PLANS FOR FULL PHASING PLANS.




## PHASING DIAGRAM

1/8" = 1'-0"

N


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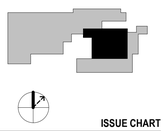
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**MULTICARE**

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number B24-1111

TITLE

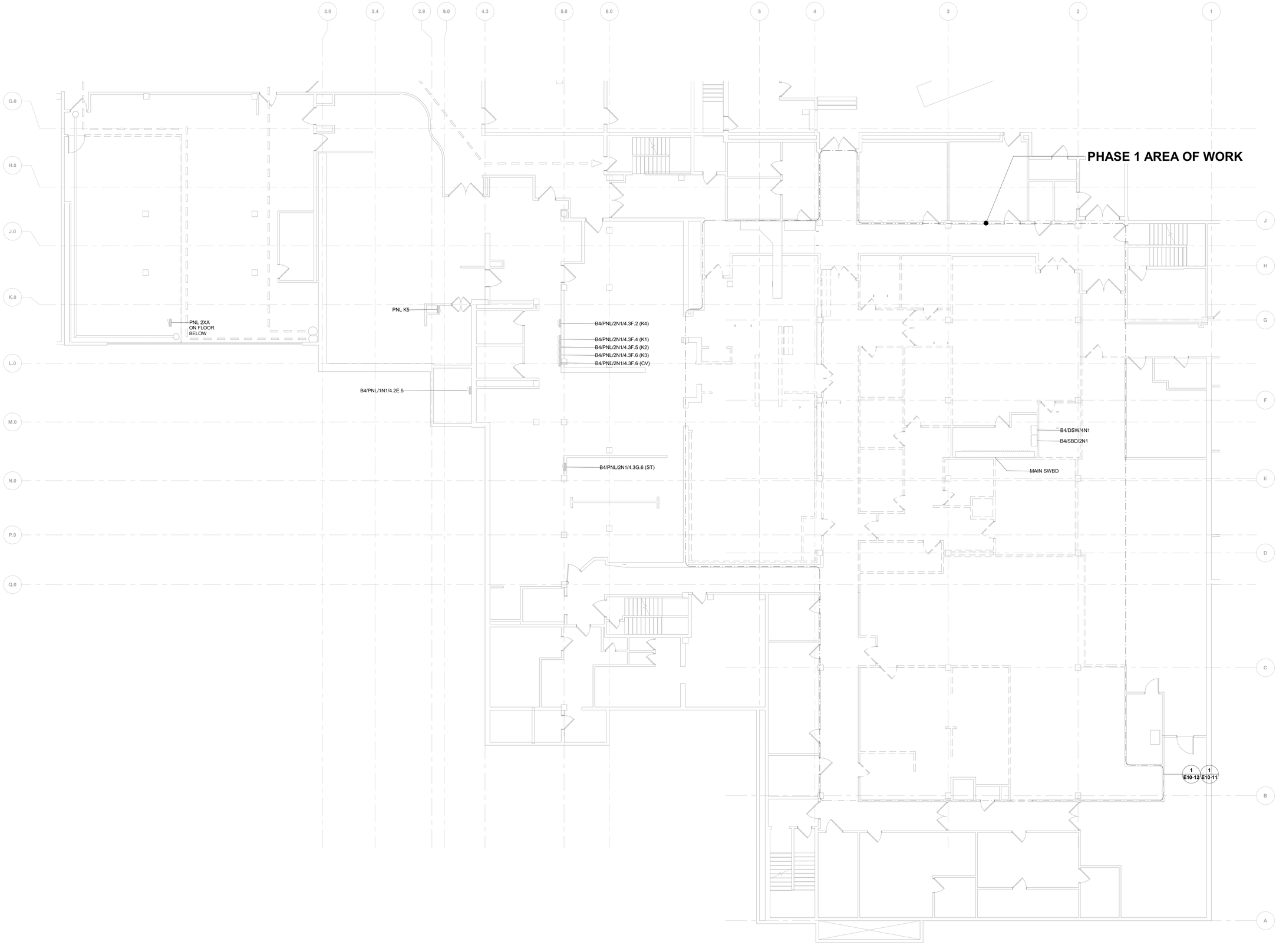
**OVERALL PHASING PLAN**

SHEET NUMBER

**E10-00**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY


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## PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 01

1/8" = 1'-0"


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PHASE 1 PERMIT SET 04/24/2025

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| MARK | ISSUE | DATE |
|---|---|---|

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TITLE

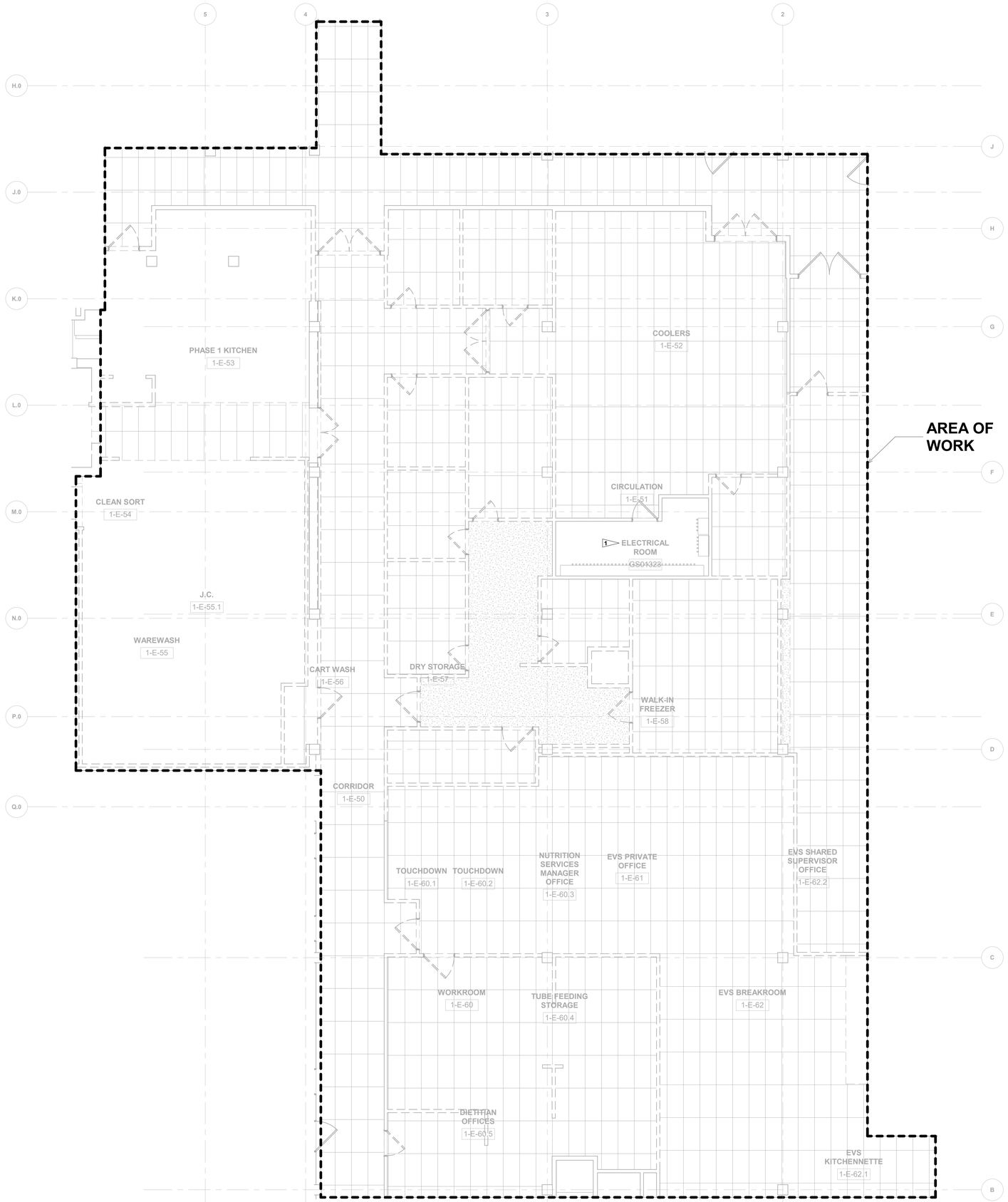
**PHASE 1 - OVERALL DEMOLITION FLOOR PLAN - LEVEL 01**

SHEET NUMBER

**E10-10**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## PHASE 1 - LIGHTING DEMOLITION PLAN - LEVEL 01

3/16" = 1'-0"

N

## GENERAL NOTES:

1 MAINTAIN EXISTING SYSTEMS NOT IDENTIFIED FOR DEMOLITION. MAINTAINING EXISTING SYSTEMS INCLUDES RELOCATING THE SYSTEMS TO COORDINATE WITH WORK OF THIS CONTRACT, WHEN WORK OF THIS CONTRACT CANNOT BE DONE WHILE THE EXISTING SYSTEM IS IN ITS PRESENT LOCATION.

2 ANY EXISTING WIRING SERVING DEVICES TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY WORK PERFORMED UNDER THIS CONTRACT SHALL BE REROUTED TO MAINTAIN CIRCUIT CONTINUITY. CONTRACTOR SHALL ASSUME THE RISK OF MAINTAINING EXISTING SYSTEMS, EXCEPT RELOCATION OF WIRING OF #2AWG AND ABOVE SHALL BE CONSIDERED AN ADDITIONAL COST IF NOT SHOWN TO BE RELOCATED. IF SUCH WIRING IS FOUND THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF WIRING LOCATION, REASON IT MUST BE MOVED, AND COST OF RELOCATION AND RECEIVE THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK.

3 EXAMINE DRAWINGS OF ALL DISCIPLINES TO DETERMINE WHERE WORK OF OTHER TRADES WILL OR IS LIKELY TO REQUIRE RELOCATION OF EXISTING SYSTEMS. REMOVE AND RELOCATE ELECTRICAL EQUIPMENT IN THE WAY OF WORK OF OTHER TRADES. EXACT RELOCATION REQUIREMENT OF EXISTING SYSTEMS TO REMAIN TO BE BASED ON DETAILED COORDINATION WITH OTHER TRADES. CONTRACTOR SHALL PROVIDE PROPOSED LOCATIONS OF RELOCATED DEVICES TO OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

4 RELOCATION OF ANY SYSTEM SHALL BE PERMANENT.

5 REROUTE EXISTING CIRCUITS THAT ARE AFFECTED AS A RESULT OF THIS CONTRACT THAT SERVE DEVICES TO REMAIN IN SERVICE.

6 DEMOLISH ALL EXISTING LIGHTING FIXTURES, DEVICES, AND WIRING BACK TO NEAREST JUNCTION BOX OR LAST DEVICE TO REMAIN WITHIN AREA OF WORK ON THIS SHEET. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS. SEE ARCHITECTURAL SHEET A05-01 FOR FULL EXTENT OF DEMOLITION.

## FLAG NOTES:

1 MAINTAIN EXISTING LIGHTING FIXTURES AND DEVICES IN THIS ROOM.


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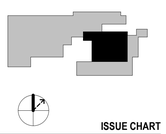
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KEY PLAN



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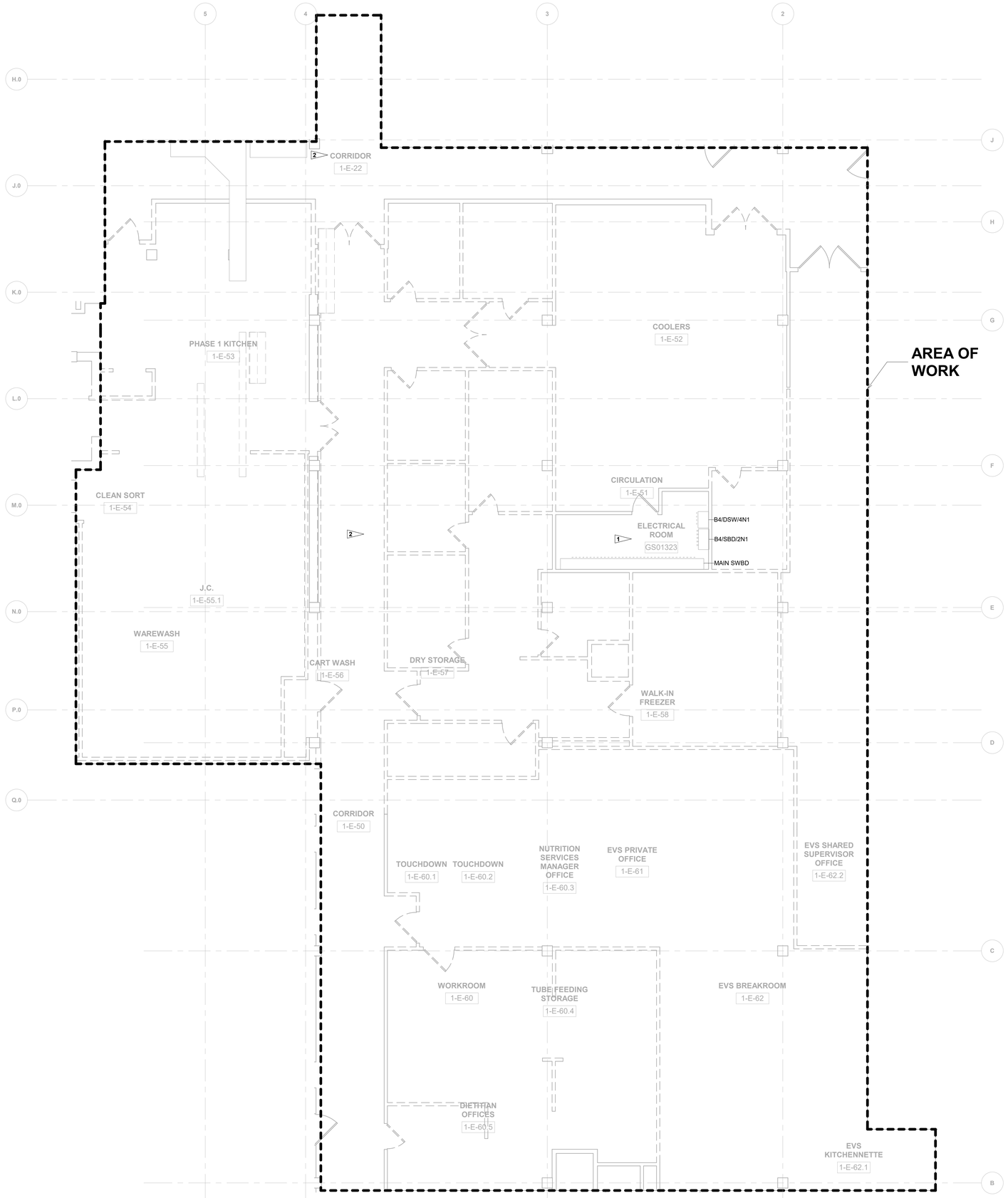
**PHASE 1 - LIGHTING DEMOLITION PLAN - LEVEL 01**

SHEET NUMBER

**E10-11**

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## PHASE 1 - POWER DEMOLITION PLAN - LEVEL 01

3/16" = 1'-0"

## GENERAL NOTES:

1 MAINTAIN EXISTING SYSTEMS NOT IDENTIFIED FOR DEMOLITION. MAINTAINING EXISTING SYSTEMS INCLUDES RELOCATING THE SYSTEMS TO COORDINATE WITH WORK OF THIS CONTRACT, WHEN WORK OF THIS CONTRACT CANNOT BE DONE WHILE THE EXISTING SYSTEM IS IN ITS PRESENT LOCATION.

2 ANY EXISTING WIRING SERVING DEVICES TO REMAIN IN SERVICE AND WHICH MAY BE AFFECTED BY WORK PERFORMED UNDER THIS CONTRACT SHALL BE REROUTED TO MAINTAIN CIRCUIT CONTINUITY. CONTRACTOR SHALL ASSUME THE RISK OF MAINTAINING EXISTING SYSTEMS, EXCEPT RELOCATION OF WIRING OF #2AWG AND ABOVE SHALL BE CONSIDERED AN ADDITIONAL COST IF NOT SHOWN TO BE RELOCATED. IF SUCH WIRING IS FOUND THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF WIRING LOCATION, REASON IT MUST BE MOVED, AND COST OF RELOCATION AND RECEIVE THE OWNER'S APPROVAL BEFORE PROCEEDING WITH THE WORK.

3 EXAMINE DRAWINGS OF ALL DISCIPLINES TO DETERMINE WHERE WORK OF OTHER TRADES WILL OR IS LIKELY TO REQUIRE RELOCATION OF EXISTING SYSTEMS. REMOVE AND RELOCATE ELECTRICAL EQUIPMENT IN THE WAY OF WORK OF OTHER TRADES. EXACT RELOCATION REQUIREMENT OF EXISTING SYSTEMS TO REMAIN TO BE BASED ON DETAILED COORDINATION WITH OTHER TRADES. CONTRACTOR SHALL PROVIDE PROPOSED LOCATIONS OF RELOCATED DEVICES TO OWNER FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.

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5 REROUTE EXISTING CIRCUITS THAT ARE AFFECTED AS A RESULT OF THIS CONTRACT THAT SERVE DEVICES TO REMAIN IN SERVICE.

6 DEMOLISH EXISTING RECEPTACLES AND WIRING BACK TO NEAREST JUNCTION BOX OR LAST DEVICE TO REMAIN WITHIN AREA OF WORK. CONTRACTOR TO FIELD VERIFY EXISTING CIRCUITS.

## # FLAG NOTES:

1 PROTECT AND MAINTAIN SYSTEMS IN THIS SPACE.

2 REPLACE EXISTING RECEPTACLES WITH LIKE-IN-KIND IN THIS CORRIDOR.


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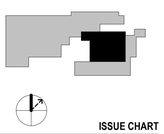
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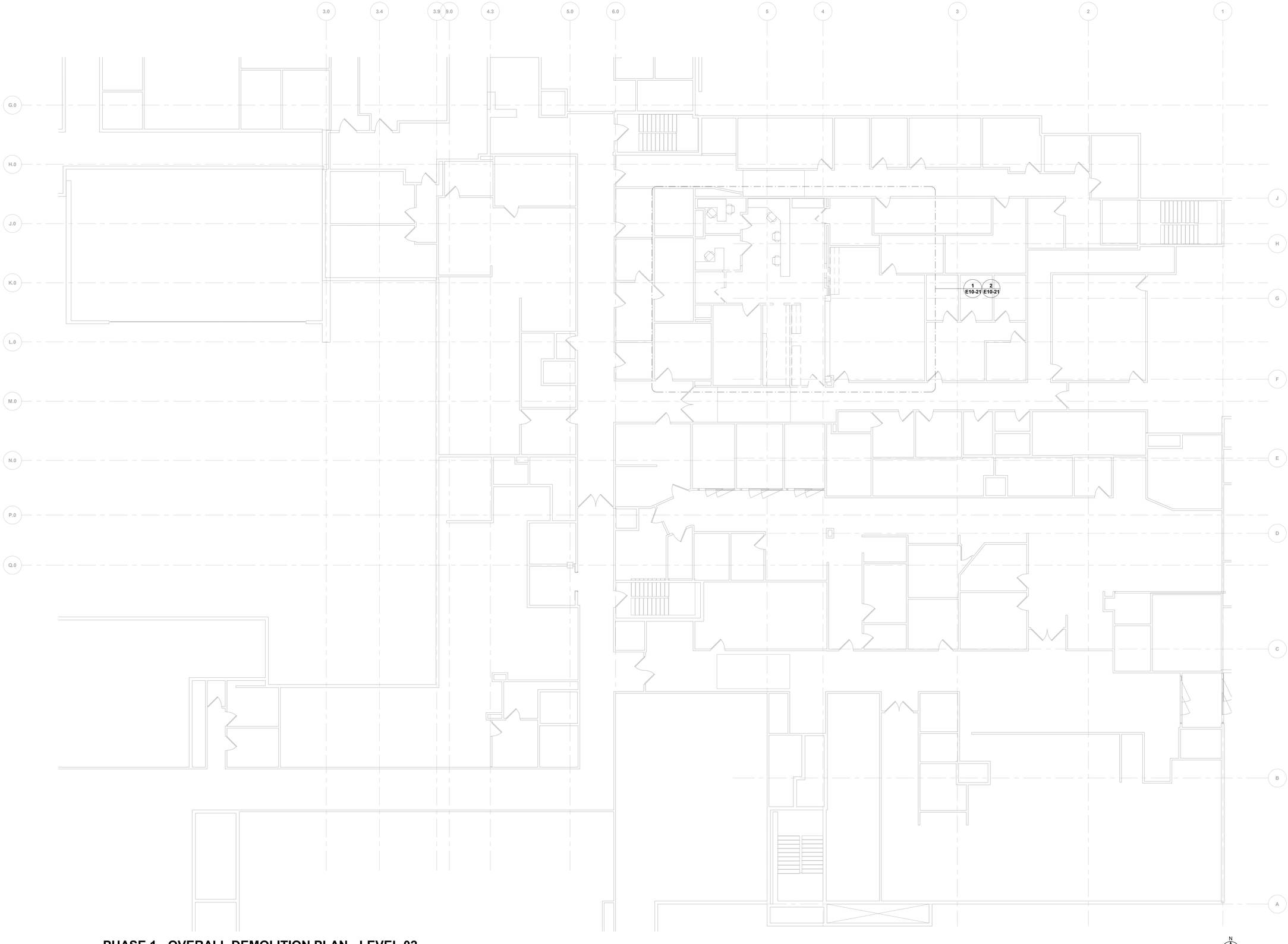
**PHASE 1 - POWER DEMOLITION PLAN - LEVEL 01**

SHEET NUMBER

**E10-12**

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## PHASE 1 - OVERALL DEMOLITION PLAN - LEVEL 02

1/8" = 1'-0"

N


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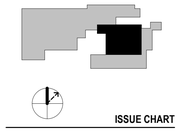
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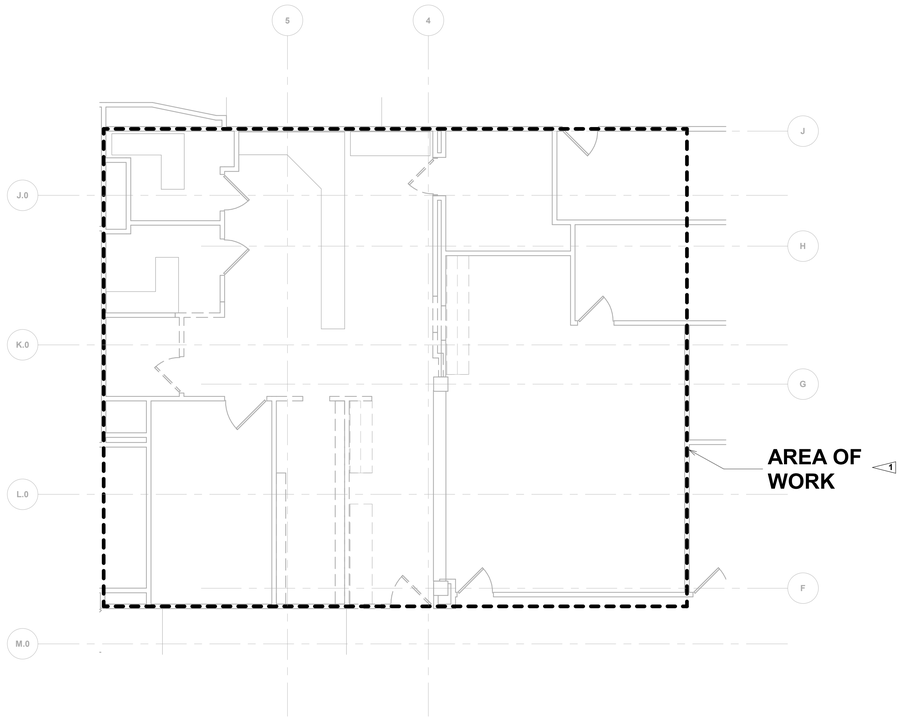
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SHEET NUMBER

**E10-20**

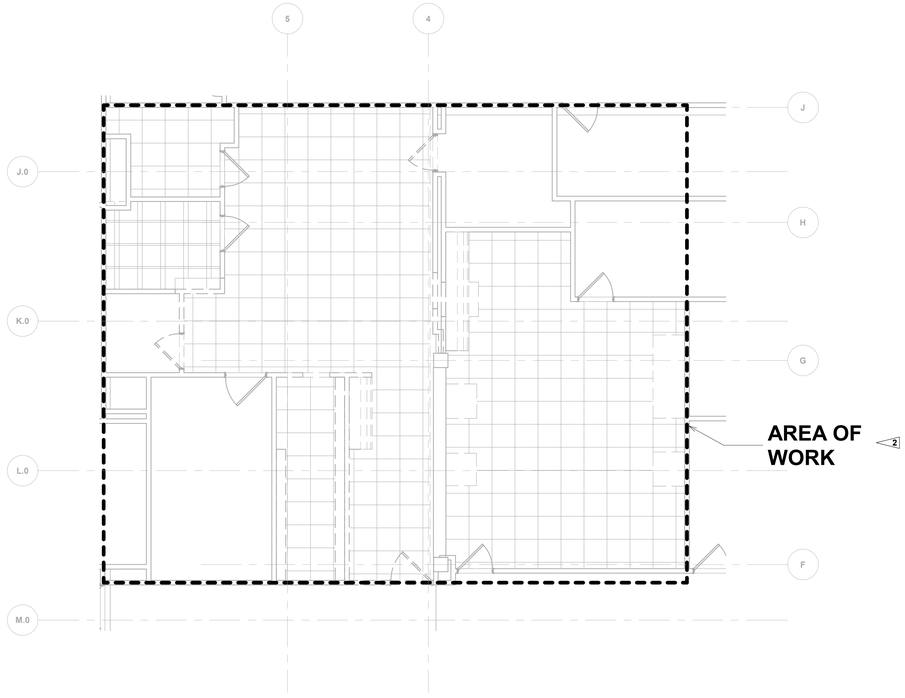
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## 1 PHASE 1 - POWER DEMOLITION PLAN - LEVEL 02

3/16" = 1'-0"




## 2 PHASE 1 - LIGHTING DEMOLITION PLAN - LEVEL 02

3/16" = 1'-0"

# GENERAL NOTES:

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# # FLAG NOTES:

1 PROTECT AND MAINTAIN POWER IN THIS AREA OF WORK.

2 PROTECT AND MAINTAIN EXISTING LIGHT FIXTURES AND CONTROL DEVICES IN PLACE. REFER TO A12-02 AND MECHANICAL DRAWINGS FOR COORDINATION WITH NEW DUCTWORK LOCATIONS. ASSUME RELOCATION OF UP TO FOUR (4) LIGHT FIXTURES.


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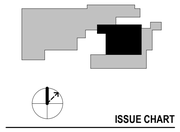
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Job Number B24-1111

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**PHASE 1 - POWER AND LIGHTING DEMOLITION PLAN - LEVEL 02**

SHEET NUMBER

**E10-21**

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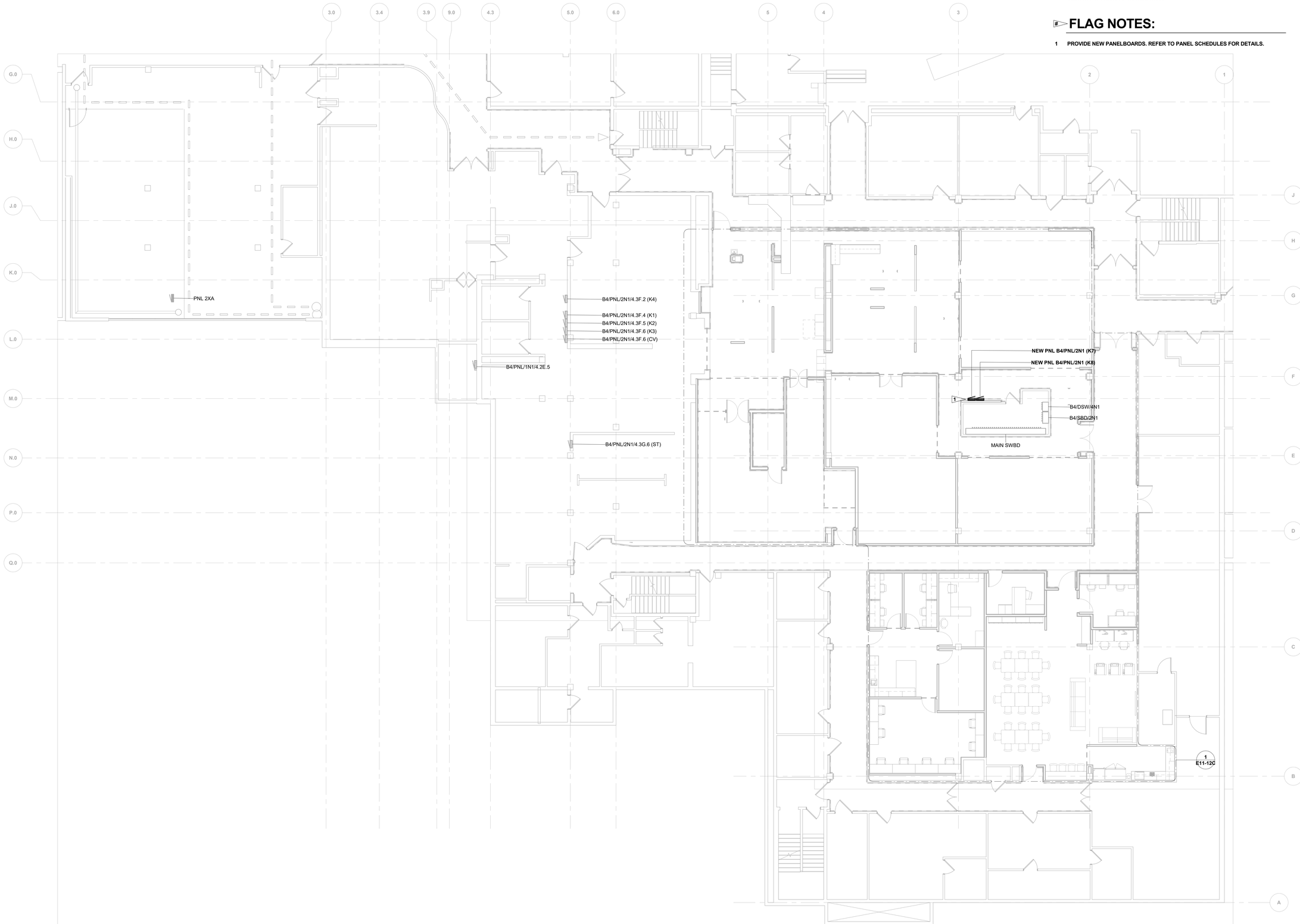
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## GENERAL NOTES:

1 COORDINATE ALL WALL-MOUNTED DEVICES WITH ARCHITECTURAL PLANS AND ELEVATIONS PRIOR TO INSTALLATION.

## FLAG NOTES:

#1 PROVIDE NEW PANELBOARDS. REFER TO PANEL SCHEDULES FOR DETAILS.




## PHASE 1 - OVERALL FLOOR PLAN - LEVEL 01

1/8" = 1'-0"


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Job Number B24-1111

TITLE

**PHASE 1 - OVERALL FLOOR PLAN - LEVEL 01**

SHEET NUMBER

**E11-10**

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## PHASE 1 - LIGHTING RCP - LEVEL 01

3/16" = 1'-0"

# GENERAL NOTES:

1. LIGHTING DESIGN AND FIXTURE SELECTION IS BY OTHERS. VERIFY ALL SELECTIONS AND FIXTURE LOCATIONS WITH OWNER AND LIGHTING DESIGNER PRIOR TO COMMITTING TO A LIGHTING PACKAGE. REFER TO SHEET E80-00 FOR FIXTURE SCHEDULE.
2. ALL LIGHTING FIXTURES IDENTIFIED BY AN "EM" AS EMERGENCY EGRESS LIGHTING. ALL "EM" FIXTURES SHALL BE ON GENERATOR BACKUP CIRCUITED TO PANEL 2XA, AND SHALL TURN ON UPON LOSS OF UTILITY POWER REGARDLESS OF THE STATE OF THE LIGHTING CONTROL DEVICE(S).
3. LIGHTING PLANS DENOTE FIXTURE POSITIONS RELATIVE TO THE PLAN DRAWINGS PROVIDED BY THE ARCHITECT. COORDINATE LOCATIONS WITH ARCHITECTURAL RCPs.
4. PROVIDE ALL NECESSARY COMPONENTS FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM THAT IS COMPLIANT WITH THE NEC AND ALL LOCAL MUNICIPAL CODES. SYSTEM SHALL CONFORM TO 2021 WA STATE ENERGY CODE REQUIREMENTS FOR CONTROLS. FINAL CONTROLS SHALL BE BY LIGHTING CONTROLS MANUFACTURER WHO WILL PROVIDE SHOP DRAWINGS AND CONTROLS WIRING DIAGRAMS.
5. WALK-IN FREEZERS AND COOLERS SHALL BE IN COMPLIANCE WITH 2021 WSEC SECTION C410. PROVIDE LIGHTING CONTROLS COMPLIANT WITH C410.3.11.
6. CORRIDOR AND KITCHEN LIGHTING SHALL BE CONTROLLED VIA TIME-CLOCK.

# # FLAG NOTES:

1. REFER TO POWER PLANS FOR LIGHTING AND SWITCHES FOR WALK-IN COOLERS AND FREEZERS.
2. PROVIDE PROGRAMMABLE ASTRONOMICAL CLOCK TIME SWITCH. FIXTURES TO BE ON DURING BUSINESS HOURS AND OFF OTHERWISE. PROVIDED WITH 2-HR MANUAL OVERRIDE.
3. PROVIDE AUTO ON/AUTO OFF OCCUPANCY SENSOR. AUTO ON FUNCTION ALLOWED PER 2021 WSEC C405.2.1.1 FOR OCCUPANT SAFETY. AUTO OFF FUNCTION TO TURN OFF LIGHTS WITHIN 20 MINUTES OF VACANCY.
4. LIGHT SWITCH FOR DRY STORAGE 1-E-57.
5. EXISTING LIGHTING IN THIS AREA TO REMAIN. NEW LIGHT FIXTURES AND LIGHTING CONTROLS SHALL BE ADDED IN PHASE 2.
6. PROVIDE 8"x8"x4" BOX AND CONTRACTORS FOR LIGHTING CONTROL DEVICES.
7. LOCAL 2-HR OVERRIDE FOR TIMECLOCK CONTROLLED FIXTURES.


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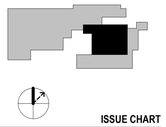
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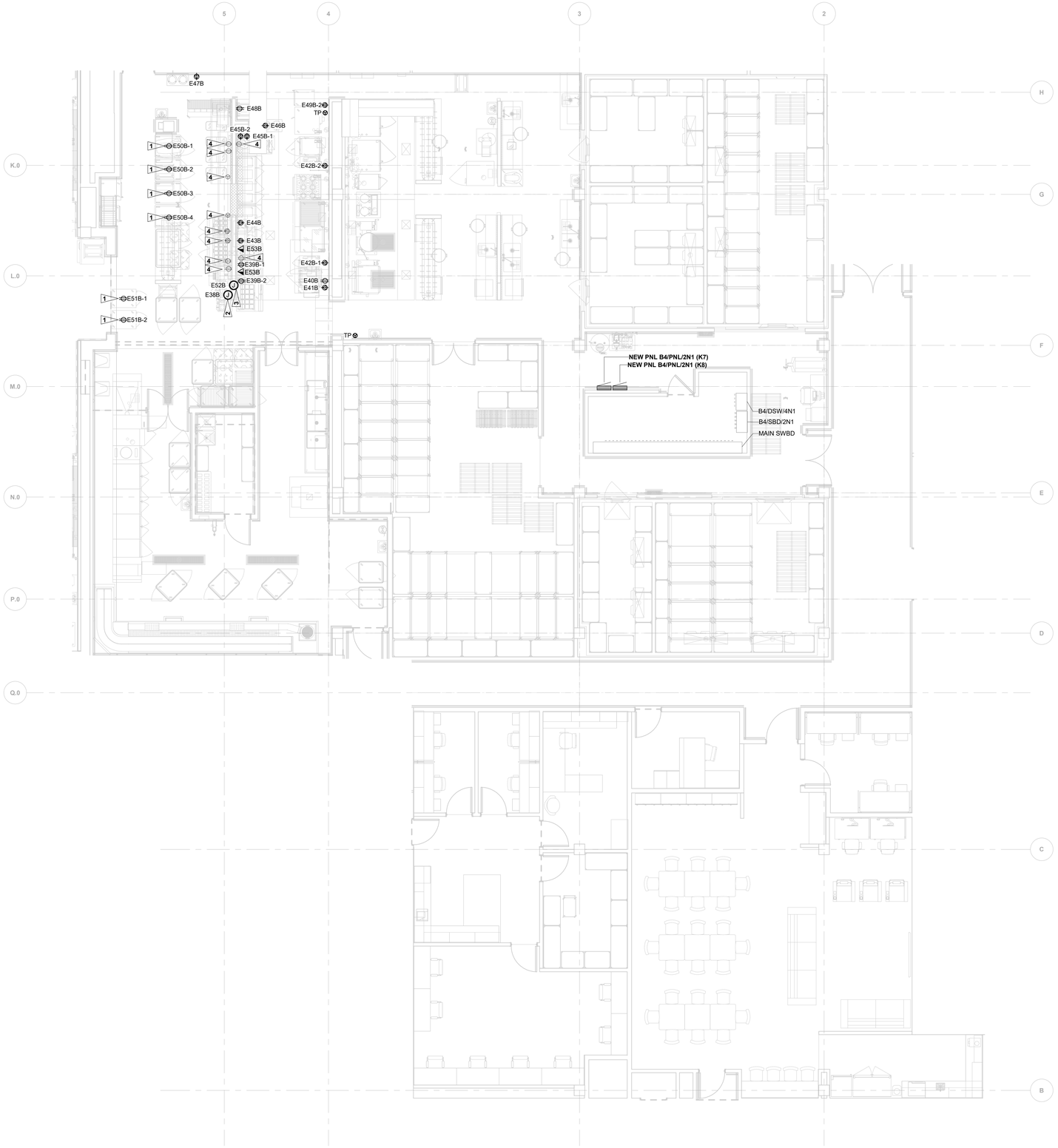
**PHASE 1 - LIGHTING RCP - LEVEL 01**

SHEET NUMBER

**E11-11**

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## PHASE 1 - STEP 1 - POWER FLOOR PLAN - LEVEL 01

3/16" = 1'-0"

## GENERAL NOTES:

1 REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT DEVICE LOCATIONS, MOUNTING HEIGHT, AND PLACEMENT REQUIREMENTS.

2 FIELD VERIFY CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK.

3 PROVIDE FIRESTOPPING FOR ANY CONDUIT PENETRATIONS THROUGH RATED WALLS.

4 PROVIDE HALF-SWITCHED CONTROLLED RECEPTACLES WHERE REQUIRED PER WSEC C405.10 AND AS SINDICATED PER PLANS. THE RECEPTACLES SHALL BE PERMANENTLY LABELED PER NEC 406.3(E) AND CONTROLLED BY THE SAME AUTOMATIC CONTROL DEVICE THAT CONTROLS LIGHTING IN EACH SPACE. PROVIDE ALL WIRING AND RELAYS NECESSARY FOR A COMPLETELY FUNCTIONAL CONTROLS SYSTEM.

5 ALL BRANCH CIRCUIT WIRING SHALL BE #12 COPPER WITH FULL SIZE DEDICATED NEUTRAL CONDUCTOR UNLESS OTHERWISE NOTED, OR AS REQUIRED BY VOLTAGE DROP ANALYSIS. PROVIDE LARGER SIZE WIRE WHERE REQUIRED PER VOLTAGE DROP CALCULATIONS BASED ON THE RUN LENGTH AND THE INSTALLED CONDITIONS. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. REFER TO E80-xx SERIES DRAWINGS FOR WIRING REQUIREMENTS FOR ALL MECHANICAL AND KITCHEN EQUIPMENT.

6 WALK-IN FREEZERS AND COOLERS SHALL BE IN COMPLIANCE WITH 2021 WSEC SECTION C410. PROVIDE LIGHTING CONTROLS COMPLIANT WITH C410.3.11.

7 PROVIDE SHUNT-TRIP FOR ALL CIRCUITS FEEDING DEVICES INSTALLED UNDER THE HOOD.

8 PROVIDE GFCI PROTECTION PER NEC 210.8(B)(2) FOR ALL RECEPTACLES INSTALLED IN KITCHEN AREA, VIA GFCI CIRCUIT BREAKERS IN KITCHEN PANELS.

9 PROVIDE LINE-OF-SIGHT DISCONNECTING MEANS FOR ALL HARDWIRED EQUIPMENT. COORDINATE SWITCH/DISCONNECT LOCATION FOR EACH WITH ARCHITECT AND KITCHEN DESIGNER.

10 REFER TO FOOD AND BEVERAGE PACKAGE FOR ADDITIONAL DETAILS AND NOTES ON KITCHEN DESIGN AND REQUIREMENTS. POWER REQUIREMENTS INDICATED MAY NOT BE EXACT FOR ALL EQUIPMENT. EC TO VERIFY ALL LOAD DATA AND CONNECTION TYPES WITH FINAL EQUIPMENT SUBMITTALS.

11 COORDINATE FOOD SERVICE LINE VOLTAGE AND LOW VOLTAGE CONTROLS WIRING CONNECTIONS LOCATION WITH FOOD SERVICE VENDOR.

12 FIRE ALARM DESIGN IS BY FIRE ALARM SUBCONTRACTOR. ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.

13 ROUTE ALL LOW VOLTAGE CABLING TO NEAREST EXISTING IDF ROOM, OR AS OTHERWISE DIRECTED BY OWNER IT TEAM. PROVIDE NEW PATCH PANELS IN THE IDF ROOM AS NECESSARY.

## # FLAG NOTES:

1 PROVIDE DUPLEX RECEPTACLE ON DROP CORD.

2 PROVIDE 208V/1PH CONNECTION TO LOAD-CENTER FOR SERVING COUNTER. WIRING AND DEVICES IN COUNTER PREFABRICATED BY FACTORY.

3 PROVIDE SPARE CONDUIT WITH PULLSTRING TERMINATED IN WALL JUNCTION BOX FOR EDP/POS. VERIFY FINAL SIZE WITH OWNER.

4 INCLUDED UNDER CONNECTION FOR E38B. WIRING AND DEVICE IS PREFABRICATED BY FACTORY.


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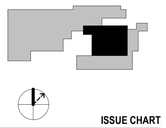
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MultiCare Good Samaritan Hospital

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PHASE 1 PERMIT SET 04/24/2025

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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Job Number B24-1111

TITLE

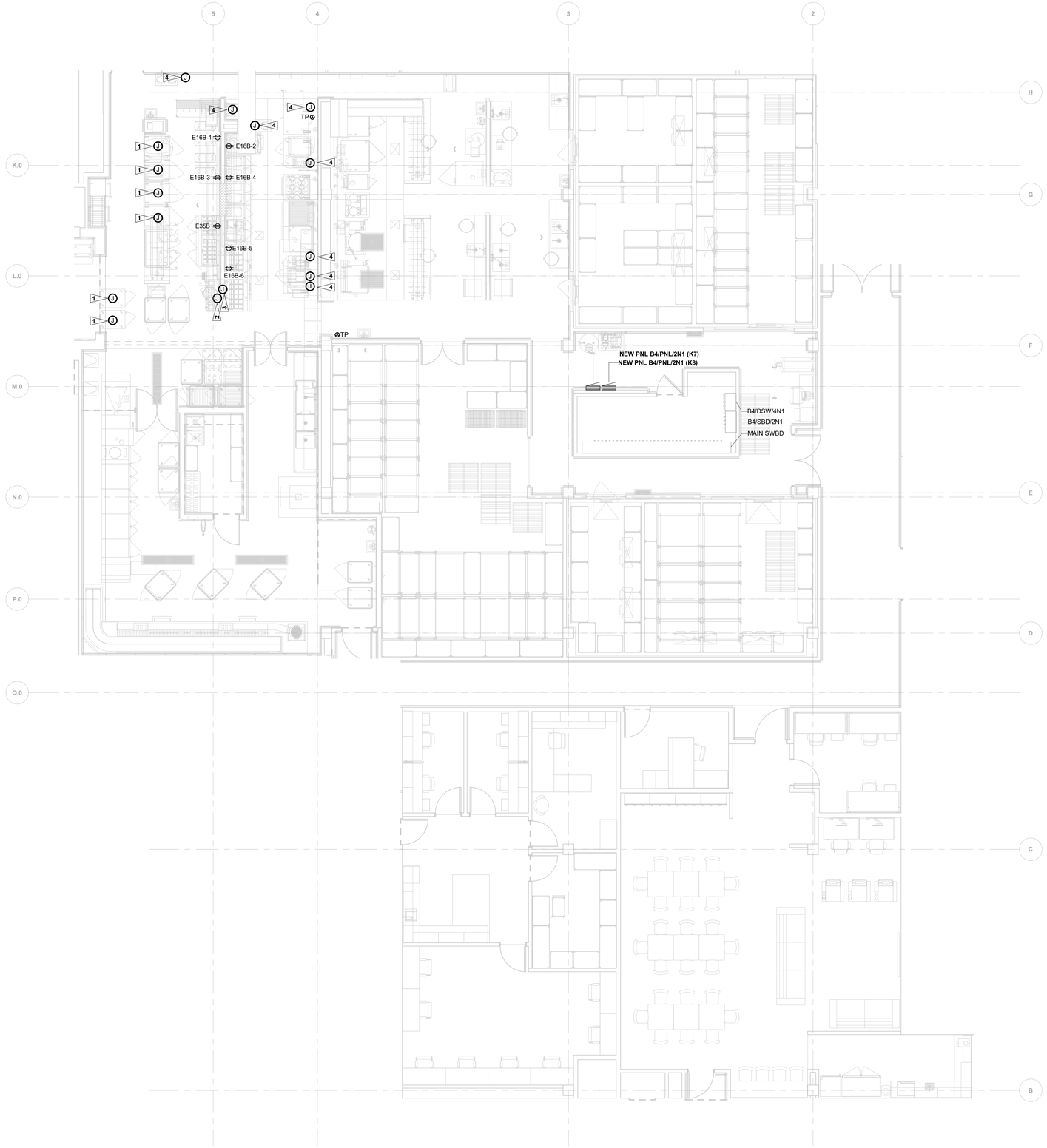
PHASE 1 - STEP 1 - POWER PLAN - LEVEL 01

SHEET NUMBER

E11-12A

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4/21/2025 8:50:22 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/ELEC-MultiCare-Kitchen-R25.rvt




## PHASE 1 - STEP 2 - POWER FLOOR PLAN - LEVEL 01

3/16" = 1'-0"

## GENERAL NOTES:

1 REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT DEVICE LOCATIONS, MOUNTING HEIGHT, AND PLACEMENT REQUIREMENTS.

2 FIELD VERIFY CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK.

3 PROVIDE FIRESTOPPING FOR ANY CONDUIT PENETRATIONS THROUGH RATED WALLS.

4 PROVIDE HALF-SWITCHED CONTROLLED RECEPTACLES WHERE REQUIRED PER WSEC C405.10 AND AS SINDICATED PER PLANS. THE RECEPTACLES SHALL BE PERMANENTLY LABELED PER NEC 406.3(E) AND CONTROLLED BY THE SAME AUTOMATIC CONTROL DEVICE THAT CONTROLS LIGHTING IN EACH SPACE. PROVIDE ALL WIRING AND RELAYS NECESSARY FOR A COMPLETELY FUNCTIONAL CONTROLS SYSTEM.

5 ALL BRANCH CIRCUIT WIRING SHALL BE #12 COPPER WITH FULL SIZE DEDICATED NEUTRAL CONDUCTOR UNLESS OTHERWISE NOTED, OR AS REQUIRED BY VOLTAGE DROP ANALYSIS. PROVIDE LARGER SIZE WIRE WHERE REQUIRED PER VOLTAGE DROP CALCULATIONS BASED ON THE RUN LENGTH AND THE INSTALLED CONDITIONS. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. REFER TO E80-xx SERIES DRAWINGS FOR WIRING REQUIREMENTS FOR ALL MECHANICAL AND KITCHEN EQUIPMENT.

6 WALK-IN FREEZERS AND COOLERS SHALL BE IN COMPLIANCE WITH 2021 WSEC SECTION C410. PROVIDE LIGHTING CONTROLS COMPLIANT WITH C410.3.11.

7 PROVIDE SHUNT-TRIP FOR ALL CIRCUITS FEEDING DEVICES INSTALLED UNDER THE HOOD.

8 PROVIDE GFCI PROTECTION PER NEC 210.8(B)(2) FOR ALL RECEPTACLES INSTALLED IN KITCHEN AREA, VIA GFCI CIRCUIT BREAKERS IN KITCHEN PANELS.

9 PROVIDE LINE-OF-SIGHT DISCONNECTING MEANS FOR ALL HARDWIRED EQUIPMENT. COORDINATE SWITCH/DISCONNECT LOCATION FOR EACH WITH ARCHITECT AND KITCHEN DESIGNER.

10 REFER TO FOOD AND BEVERAGE PACKAGE FOR ADDITIONAL DETAILS AND NOTES ON KITCHEN DESIGN AND REQUIREMENTS. POWER REQUIREMENTS INDICATED MAY NOT BE EXACT FOR ALL EQUIPMENT. EC TO VERIFY ALL LOAD DATA AND CONNECTION TYPES WITH FINAL EQUIPMENT SUBMITTALS.

11 COORDINATE FOOD SERVICE LINE VOLTAGE AND LOW VOLTAGE CONTROLS WIRING CONNECTIONS LOCATION WITH FOOD SERVICE VENDOR.

12 FIRE ALARM DESIGN IS BY FIRE ALARM SUBCONTRACTOR. ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.

13 ROUTE ALL LOW VOLTAGE CABLING TO NEAREST EXISTING IDF ROOM, OR AS OTHERWISE DIRECTED BY OWNER IT TEAM. PROVIDE NEW PATCH PANELS IN THE IDF ROOM AS NECESSARY.

## # FLAG NOTES:

1 REMOVE DROP CORD RECEPTACLE INSTALLED IN STEP 1 AND WIRING BACK TO SOURCE PANEL. CONDUIT TO REMAIN - CAP AND LABEL FOR FUTURE USE.

2 REMOVE 208V/1PH CONNECTION FOR LOAD-CENTER INSTALLED IN STEP 1 AND WIRING BACK TO SOURCE PANEL. CONDUIT TO REMAIN - CAP AND LABEL FOR FUTURE USE.

3 CONDUIT INSTALLED IN STEP 1 TO REMAIN. LABEL FOR FUTURE USE.

4 REMOVE RECEPTACLE INSTALLED IN STEP 1 AND WIRING BACK TO SOURCE PANEL. CONDUIT TO REMAIN - CAP AND LABEL FOR FUTURE USE.


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KEY PLAN

ISSUE CHART

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Job Number B24-1111

TITLE

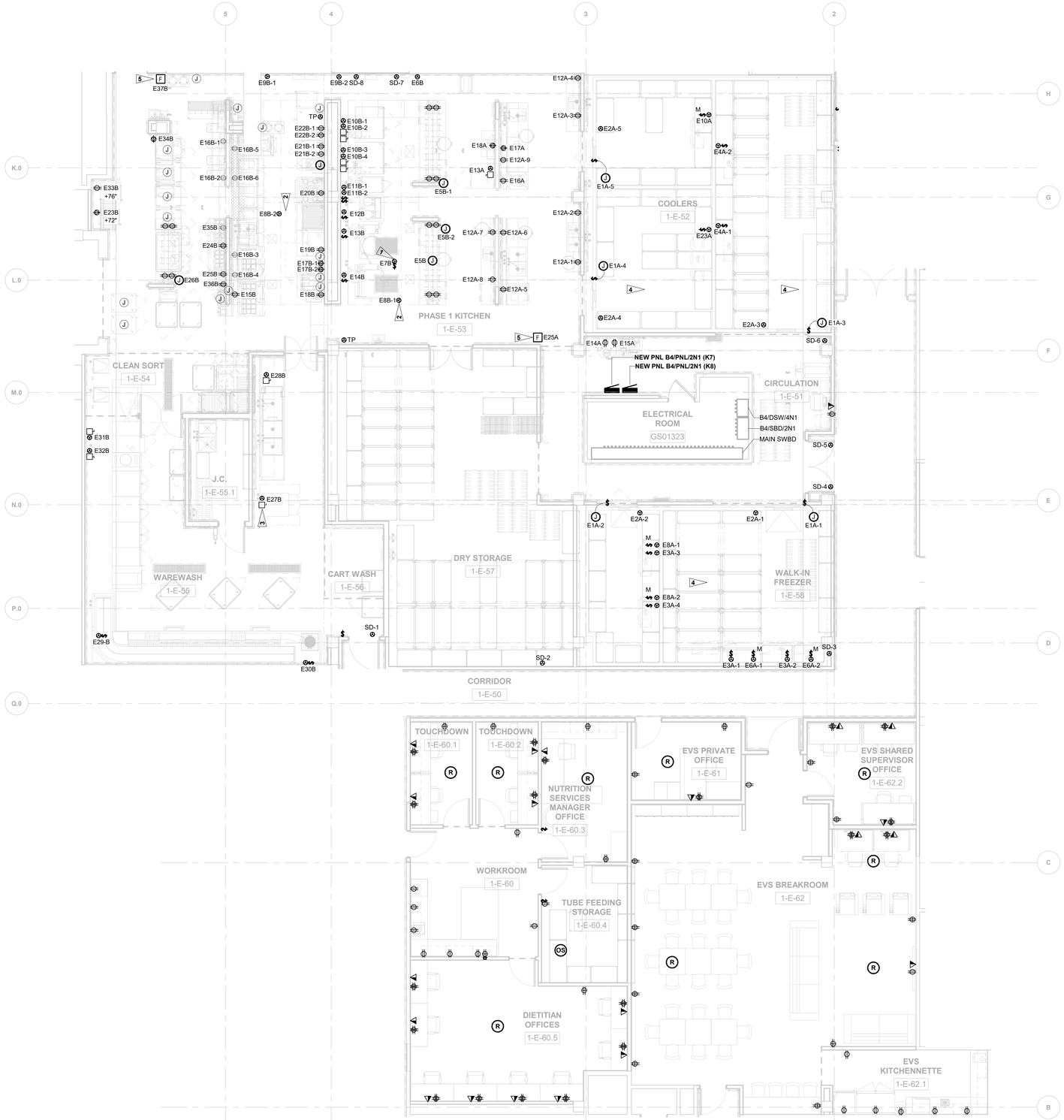
PHASE 1 - STEP 2 - POWER PLAN - LEVEL 01

SHEET NUMBER

E11-12B

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## PHASE 1 - FINAL - POWER FLOOR PLAN - LEVEL 01

3/16" = 1'-0"

## GENERAL NOTES:

1. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT DEVICE LOCATIONS, MOUNTING HEIGHT, AND PLACEMENT REQUIREMENTS.
2. FIELD VERIFY CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK.
3. PROVIDE FIRESTOPPING FOR ANY CONDUIT PENETRATIONS THROUGH RATED WALLS.
4. PROVIDE HALF-SWITCHED CONTROLLED RECEPTACLES WHERE REQUIRED PER WSEC C405.10 AND AS SINDICATED PER PLANS. THE RECEPTACLES SHALL BE PERMANENTLY LABELED PER NEC 406.3(E) AND CONTROLLED BY THE SAME AUTOMATIC CONTROL DEVICE THAT CONTROLS LIGHTING IN EACH SPACE. PROVIDE ALL WIRING AND RELAYS NECESSARY FOR A COMPLETELY FUNCTIONAL CONTROLS SYSTEM.
5. ALL BRANCH CIRCUIT WIRING SHALL BE #12 COPPER WITH FULL SIZE DEDICATED NEUTRAL CONDUCTOR UNLESS OTHERWISE NOTED, OR AS REQUIRED BY VOLTAGE DROP ANALYSIS. PROVIDE LARGER SIZE WIRE WHERE REQUIRED PER VOLTAGE DROP CALCULATIONS BASED ON THE RUN LENGTH AND THE INSTALLED CONDITIONS. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. REFER TO E80-xx SERIES DRAWINGS FOR WIRING REQUIREMENTS FOR ALL MECHANICAL AND KITCHEN EQUIPMENT.
6. WALK-IN FREEZERS AND COOLERS SHALL BE IN COMPLIANCE WITH 2021 WSEC SECTION C410. PROVIDE LIGHTING CONTROLS COMPLIANT WITH C410.3.11.
7. PROVIDE SHUNT-TRIP FOR ALL CIRCUITS FEEDING DEVICES INSTALLED UNDER THE HOOD.
8. PROVIDE GFCI PROTECTION PER NEC 210.8(B)(2) FOR ALL RECEPTACLES INSTALLED IN KITCHEN AREA, VIA GFCI CIRCUIT BREAKERS IN KITCHEN PANELS.
9. PROVIDE LINE-OF-SIGHT DISCONNECTING MEANS FOR ALL HARDWIRED EQUIPMENT. COORDINATE SWITCH/DISCONNECT LOCATION FOR EACH WITH ARCHITECT AND KITCHEN DESIGNER.
10. REFER TO FOOD AND BEVERAGE PACKAGE FOR ADDITIONAL DETAILS AND NOTES ON KITCHEN DESIGN AND REQUIREMENTS. POWER REQUIREMENTS INDICATED MAY NOT BE EXACT FOR ALL EQUIPMENT. EC TO VERIFY ALL LOAD DATA AND CONNECTION TYPES WITH FINAL EQUIPMENT SUBMITTALS.
11. COORDINATE FOOD SERVICE LINE VOLTAGE AND LOW VOLTAGE CONTROLS WIRING CONNECTIONS LOCATION WITH FOOD SERVICE VENDOR.
12. FIRE ALARM DESIGN IS BY FIRE ALARM SUBCONTRACTOR. ALL NEW DEVICES SHALL BE COMPATIBLE WITH THE EXISTING FIRE ALARM SYSTEM.
13. ROUTE ALL LOW VOLTAGE CABLING TO NEAREST EXISTING IDF ROOM, OR AS OTHERWISE DIRECTED BY OWNER IT TEAM. PROVIDE NEW PATCH PANELS IN THE IDF ROOM AS NECESSARY.

## # FLAG NOTES:

1. PROVIDE BRANCH WIRING TO HOOD LIGHTS. REFER TO FBS SHEET FS01-B.3 FOR DETAILS.
2. PROVIDE BRANCH WIRING TO HOOD CONTROLS. REFER TO FBS SHEET FS01-B.3 FOR DETAILS.
3. PROVIDE WIRING FROM POT WASHING MACHINE TO CONDENSATE HOOD. REFER TO FBS SHEET FS01-B.3 FOR DETAILS
4. REFER TO FBS SHEET FS01-A.3 FOR DETAILS ON LIGHTING AND SWITCHING IN WALK-IN COOLERS AND FREEZERS. PROVIDE WIRING TO ALL LIGHT FIXTURES PER FOOD VENDOR'S DRAWINGS.
5. PROVIDE EMPTY OCTAGON BOX FOR REMOTE PULL STATION AT 48" AFF MOUNTED WITHIN WALL. STUB OUT 3/4" CONDUIT FROM BOX TO CEILING ABOVE.


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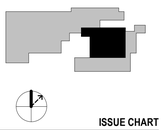
**MultiCare Good Samaritan Hospital Kitchen**
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**MULTICARE**

PHASE 1 PERMIT SET 04/24/2025

KEY PLAN



ISSUE CHART

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Job Number B24-1111

TITLE

PHASE 1 - FINAL - POWER PLAN - LEVEL 01

SHEET NUMBER

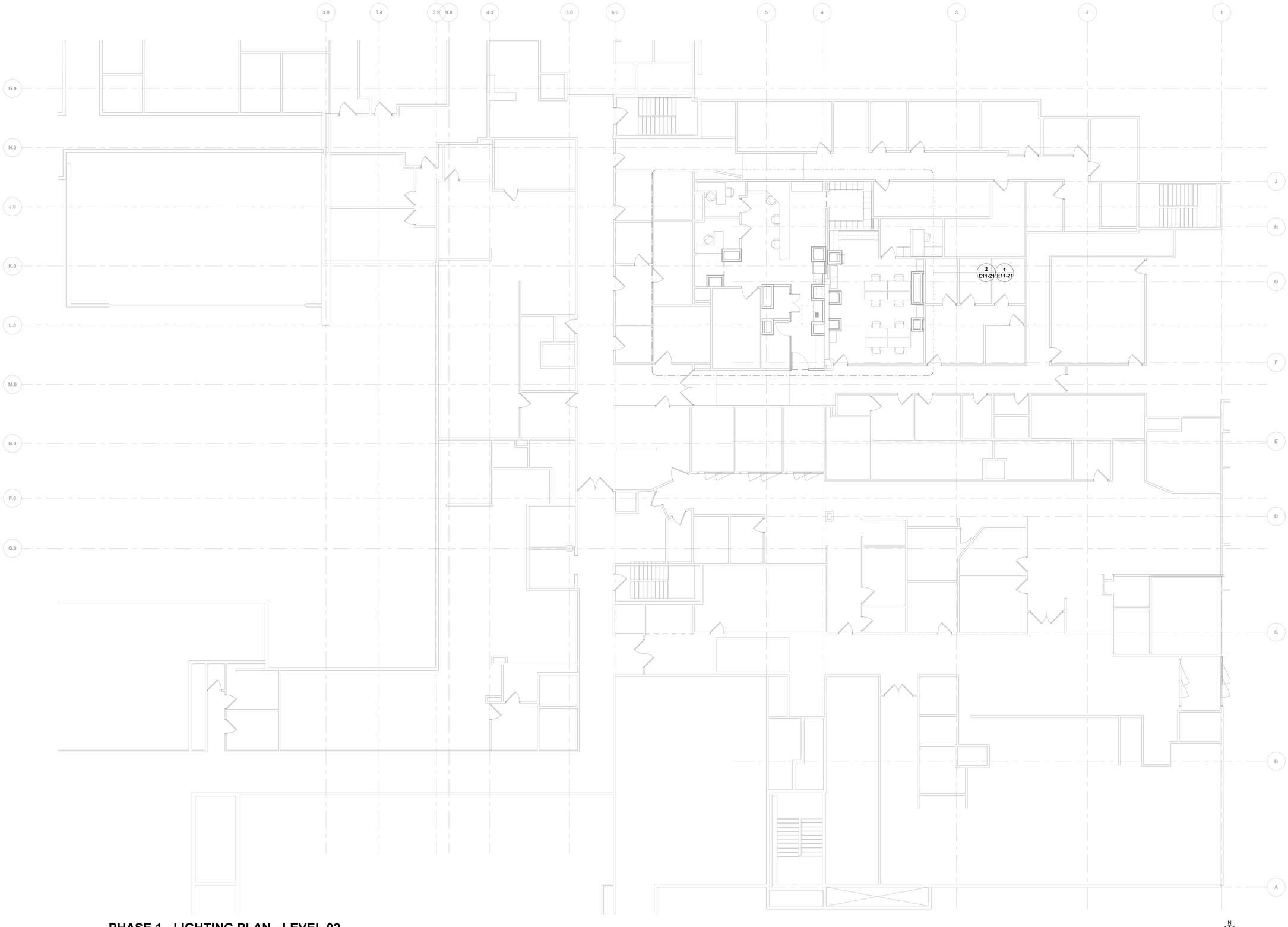
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## GENERAL NOTES:

1 COORDINATE ALL WALL-MOUNTED DEVICES WITH ARCHITECTURAL PLANS AND ELEVATIONS PRIOR TO INSTALLATION.




## PHASE 1 - LIGHTING PLAN - LEVEL 02

1/8" = 1'-0"


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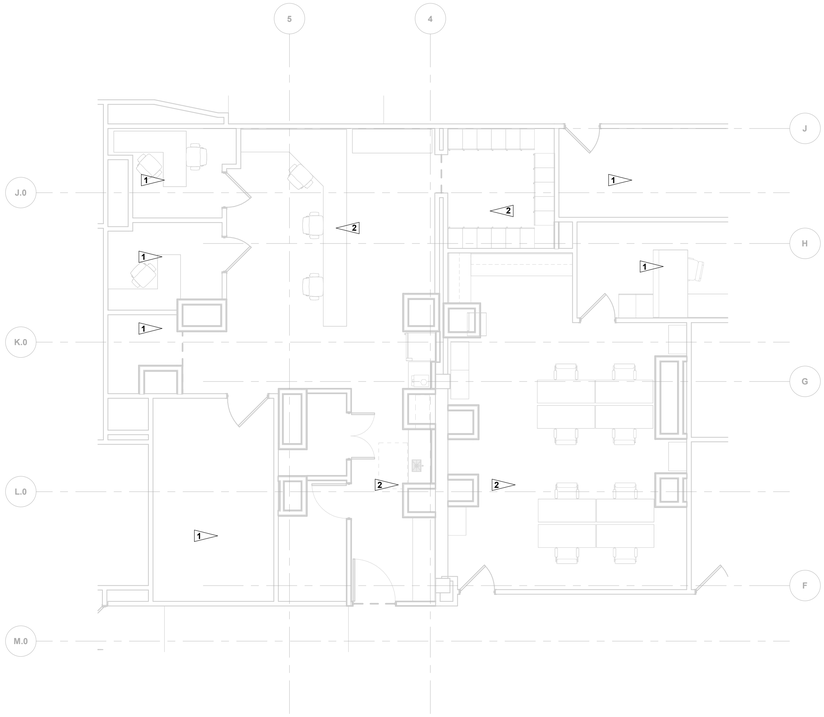
**PHASE 1 - OVERALL FLOOR PLAN - LEVEL 02**

SHEET NUMBER

**E11-20**

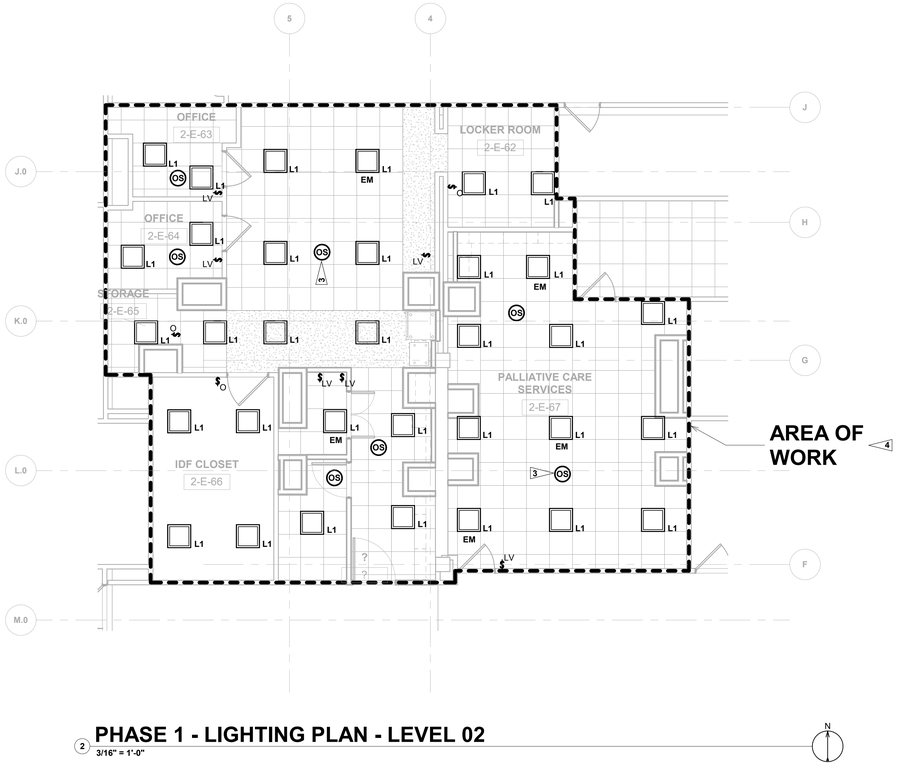
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## 1 PHASE 1 - FINAL - POWER FLOOR PLAN - LEVEL 02

3/16" = 1'-0"




## 2 PHASE 1 - LIGHTING PLAN - LEVEL 02

3/16" = 1'-0"

# GENERAL NOTES:

1. COORDINATE ALL CEILING-MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLANS PRIOR TO INSTALLATION.
2. LIGHTING DESIGN AND FIXTURE SELECTION IS BY OTHERS. VERIFY ALL SELECTIONS AND FIXTURE LOCATIONS WITH OWNER AND LIGHTING DESIGNER PRIOR TO COMMITTING TO A LIGHTING PACKAGE. REFER TO SHEET E80-00 FOR FIXTURE SCHEDULE.
3. ALL LIGHTING FIXTURES IDENTIFIED BY AN "EM" AS EMERGENCY EGRESS LIGHTING. ALL "EM" FIXTURES SHALL BE ON GENERATOR BACKUP OR COME WITH INTERNAL BATTERY-PACK, AND SHALL TURN ON UPON LOSS OF UTILITY POWER REGARDLESS OF THE STATE OF THE LIGHTING CONTROL DEVICE(S).
4. LIGHTING PLANS DENOTE FIXTURE POSITIONS RELATIVE TO THE PLAN DRAWINGS PROVIDED BY THE ARCHITECT. COORDINATE LOCATIONS WITH ARCHITECTURAL RCPs.
5. PROVIDE ALL NECESSARY COMPONENTS FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM THAT IS COMPLIANT WITH THE NEC AND ALL LOCAL MUNICIPAL CODES. SYSTEM SHALL CONFORM TO 2021 WA STATE ENERGY CODE REQUIREMENTS FOR CONTROLS. FINAL CONTROLS SHALL BE BY LIGHTING CONTROLS MANUFACTURER WHO WILL PROVIDE SHOP DRAWINGS AND CONTROLS WIRING DIAGRAMS.

# #FLAG NOTES:

1. NO ELECTRICAL SCOPE IN THIS ROOM. ALL EXISTING DEVICES AND CONNECTIONS TO REMAIN.
2. FIELD VERIFY EXISTING DEVICES AND RELOCATE AS NECESSARY. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL CONFIGURATION.
3. PROVIDE AUTO ON/AUTO OFF OCCUPANCY SENSOR. AUTO ON FUNCTION ALLOWED PER 2021 WSEC C405.2.1.1 FOR OCCUPANT SAFETY. AUTO OFF FUNCTION TO TURN OFF LIGHTS WITHIN 20 MINUTES OF VACANCY.
4. PROVIDE SEPARATE PRICING FOR LIGHTING SCOPE IN THIS AREA.


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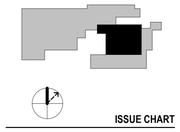
PHASE 1 PERMIT SET 04/24/2025

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KEY PLAN



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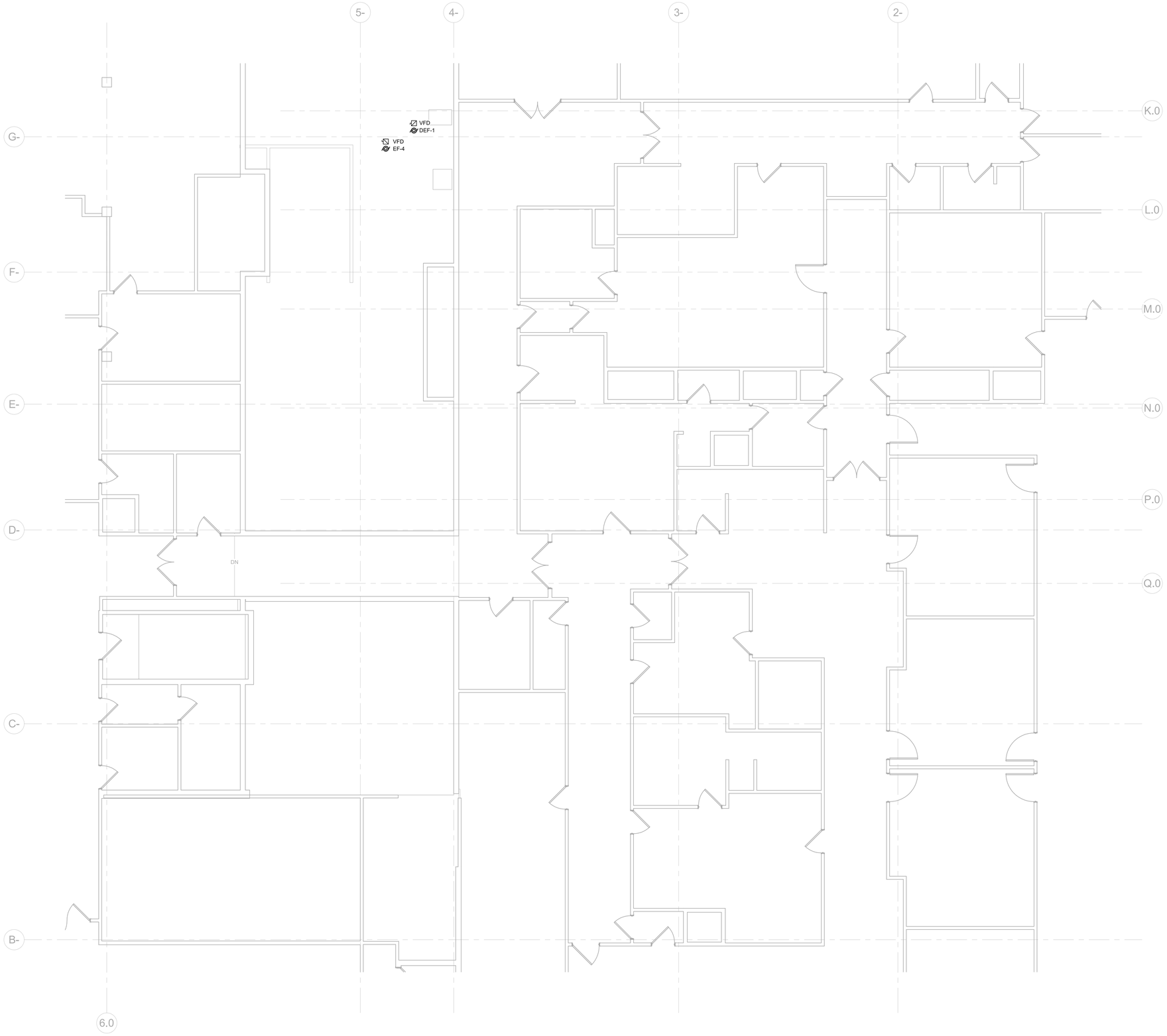
**PHASE 1 - POWER AND LIGHTING PLAN - LEVEL 02**

SHEET NUMBER

**E11-21**

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## PHASE 1 - POWER FLOOR PLAN - LEVEL 03

3/16" = 1'-0"

N

## GENERAL NOTES:

1. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT DEVICE LOCATIONS, MOUNTING HEIGHT, AND PLACEMENT REQUIREMENTS.
2. FIELD VERIFY CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK.
3. PROVIDE FIRESTOPPING FOR ANY CONDUIT PENETRATIONS THROUGH RATED WALLS.
4. ALL BRANCH CIRCUIT WIRING SHALL BE #12 COPPER WITH FULL SIZE DEDICATED NEUTRAL CONDUCTOR UNLESS OTHERWISE NOTED, OR AS REQUIRED BY VOLTAGE DROP ANALYSIS. THE EC TO PROVIDE LARGER SIZE WIRE WHERE REQUIRED PER EC'S VOLTAGE DROP CALCULATIONS BASED ON THE RUN LENGTH AND THE INSTALLED CONDITIONS. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. REFER TO E80-xx SERIES DRAWINGS FOR WIRING REQUIREMENTS FOR ALL MECHANICAL AND KITCHEN EQUIPMENT.
5. ALL EQUIPMENT INSTALLED OUTDOORS SHALL BE IN NEMA 3R ENCLOSURES AND RATED FOR OUTDOOR INSTALLATIONS.
6. FIELD VERIFY LOCATION OF SERVICE RECEPTACLES ON ROOF. PROVIDE NEW WP, GFCI RECEPTACLES WHERE EXISTING ARE NOT PRESENT WITHIN 25' OF NEW EQUIPMENT.


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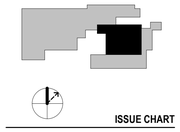
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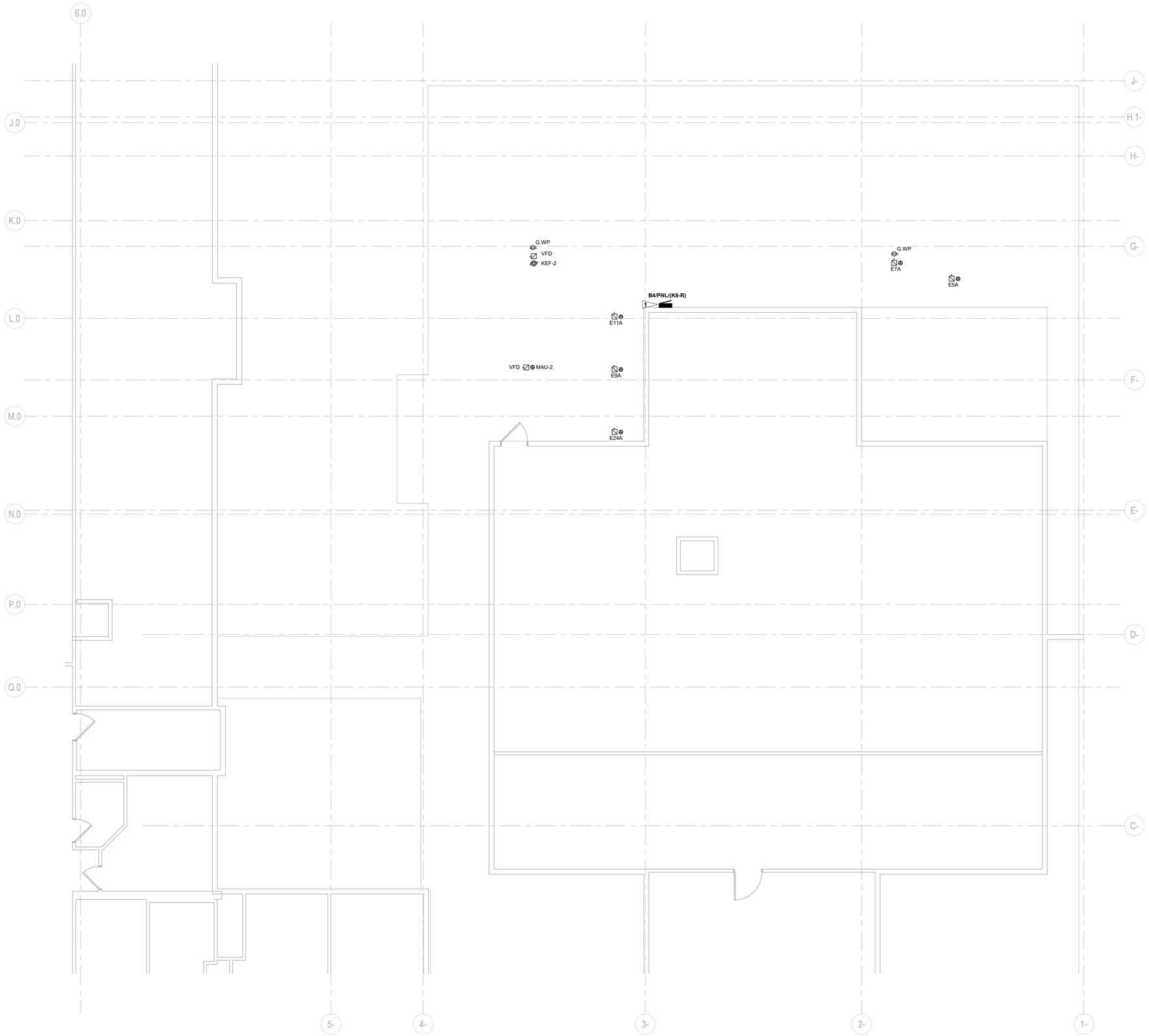
**PHASE 1 - ROOF POWER PLAN - LEVEL 03**

SHEET NUMBER

**E11-22**

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## PHASE 1 - POWER FLOOR PLAN - LEVEL 04

3/16" = 1'-0"

## GENERAL NOTES:

1. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT DEVICE LOCATIONS, MOUNTING HEIGHT, AND PLACEMENT REQUIREMENTS.
2. FIELD VERIFY CONDUIT ROUTING PRIOR TO COMMENCEMENT OF WORK.
3. PROVIDE FIRESTOPPING FOR ANY CONDUIT PENETRATIONS THROUGH RATED WALLS.
4. ALL BRANCH CIRCUIT WIRING SHALL BE #12 COPPER WITH FULL SIZE DEDICATED NEUTRAL CONDUCTOR UNLESS OTHERWISE NOTED, OR AS REQUIRED BY VOLTAGE DROP ANALYSIS. THE EC TO PROVIDE LARGER SIZE WIRE WHERE REQUIRED PER EC'S VOLTAGE DROP CALCULATIONS BASED ON THE RUN LENGTH AND THE INSTALLED CONDITIONS. PROVIDE SEPARATE NEUTRAL CONDUCTORS FOR ALL BRANCH CIRCUITS. REFER TO E80-xx SERIES DRAWINGS FOR WIRING REQUIREMENTS FOR ALL MECHANICAL AND KITCHEN EQUIPMENT.
5. ALL EQUIPMENT INSTALLED OUTDOORS SHALL BE IN NEMA 3R ENCLOSURES AND RATED FOR OUTDOOR INSTALLATIONS.
6. FIELD VERIFY LOCATION OF SERVICE RECEPTACLES ON ROOF. PROVIDE NEW WP, GFCI RECEPTACLES WHERE EXISTING ARE NOT PRESENT WITHIN 25' OF NEW EQUIPMENT.

## # FLAG NOTES:

1. COORDINATE EXACT LOCATION WITH ARCHITECT.


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**MultiCare Good Samaritan Hospital Kitchen**

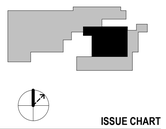
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MultiCare Good Samaritan Hospital

**MULTICARE**

PHASE 1 PERMIT SET 04/24/2025

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
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Job Number B24-1111

TITLE

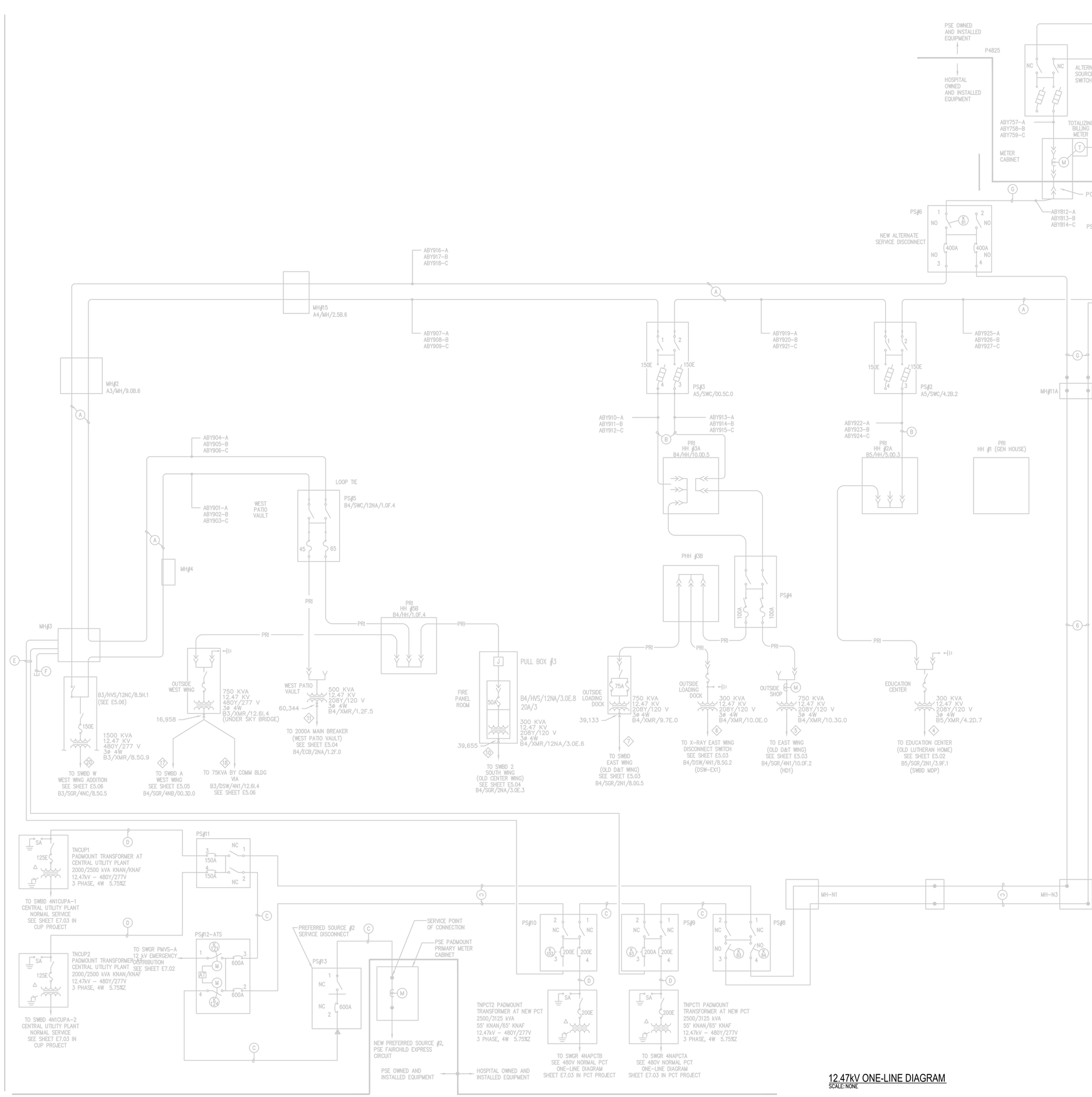
**PHASE 1 - ROOF POWER PLAN - LEVEL 04**

SHEET NUMBER

**E11-23**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY


4/21/2025 8:50:29 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/ELEC-MultiCare-Kitchen-R25.rvt




12.47kV ONE-LINE DIAGRAM
SCALE: NONE

KEY INTERLOCKS AS FOLLOWS

| TO CLOSE SWITCH | REQUIRES OPEN KEY(S) FROM |
|---|---|
| 6–1 | K72 |
| 7–2 | K74 |
| 7–4 | K72, K84 |
| 8–3 | K84, K124 OR K72, K84 |
| 8–4 | K83, K124 OR K61, K83 |
| 12–1 | K61, K72, K124 |
| 12–4 | K121 |

## GENERAL NOTES:

1. ALL EXISTING ELECTRICAL INFRASTRUCTURE IS TO REMAIN UNLESS NOTED OTHERWISE.
2. ALL EXISTING INFRASTRUCTURE SHOWN HEREIN IS BASED ON RECORD DRAWINGS AND HAS NOT BEEN FIELD VERIFIED IN FULL. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING INFORMATION RELEVANT FOR THE SCOPE OF THIS PROJECT.
3. ALL WIRING IS COPPER UNLESS NOTED OTHERWISE.
4. ALL WORK SHALL BE DONE ON DE-ENERGIZED EQUIPMENT ONLY AND ALL LOTO PROCEDURES SHALL BE FOLLOWED AS REQUIRED PER NEC AND OSHA.


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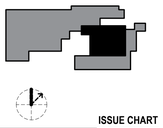
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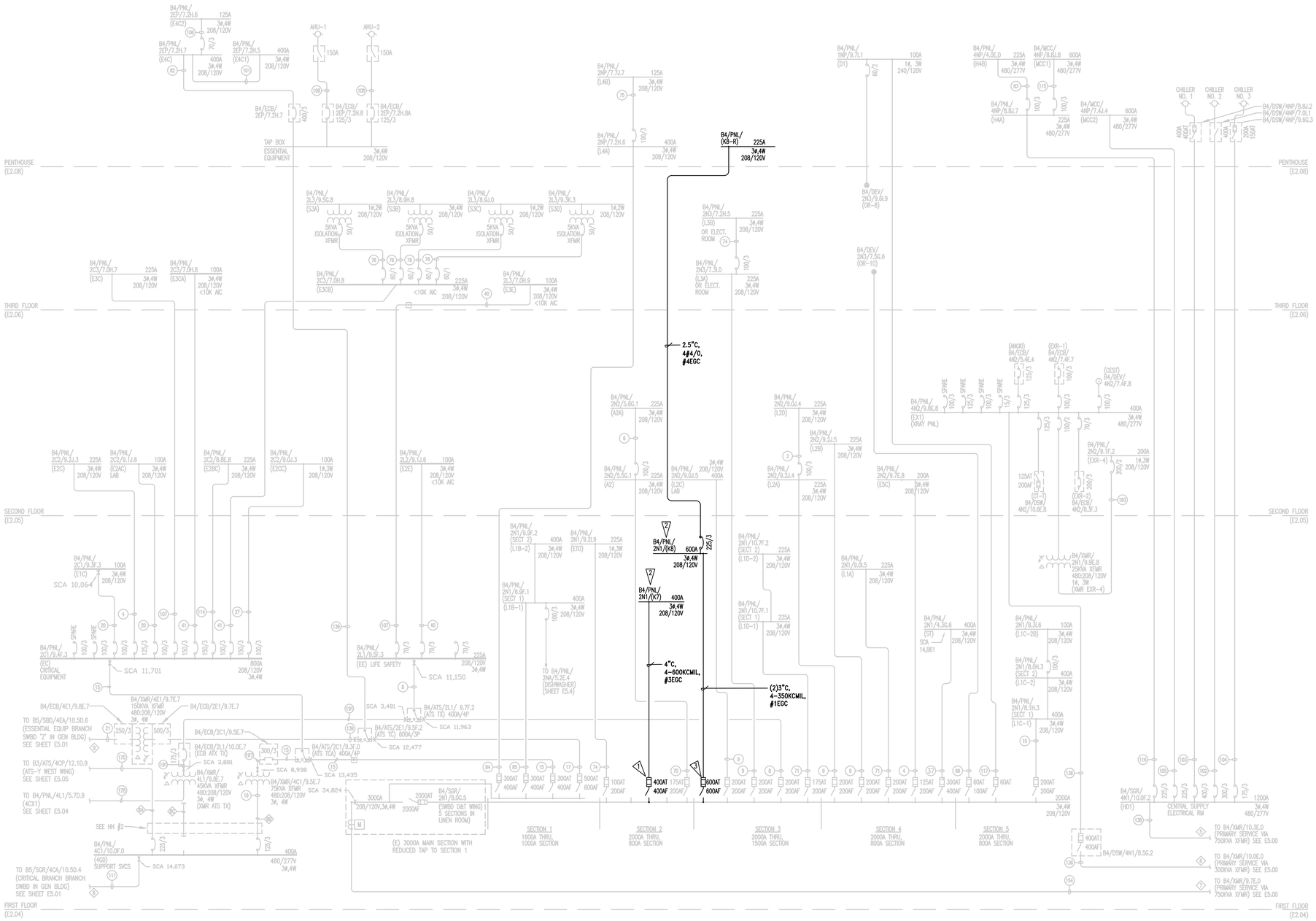
**ONE-LINE DIAGRAM- EXISTING 12.47kV**

SHEET NUMBER

**E50-00**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## D&T WING DISTRIBUTION WIRING DIAGRAM BELOW 1000V - MODIFIED

### FLAG NOTES:

1. UTILIZE EXISTING SPARE OCP DEVICE TO FEED NEW PANEL.
2. PROVIDE NEW 60-POLES FEED-THROUGH PANEL WITH MAIN CIRCUIT BREAKER.
3. PROVIDE NEW 600A SWITCH TO FEED NEW PANEL. THE SWITCH SHALL MATCH EXISTING OCP DEVICES INSTALLED IN THE SWITCHBOARD.

### GENERAL NOTES:

1. ALL EXISTING ELECTRICAL INFRASTRUCTURE IS TO REMAIN UNLESS NOTED OTHERWISE.
2. ALL EXISTING INFRASTRUCTURE SHOWN HEREIN IS BASED ON RECORD DRAWINGS AND HAS NOT BEEN FIELD VERIFIED IN FULL. THE ELECTRICAL CONTRACTOR SHALL FIELD VERIFY ALL EXISTING INFORMATION RELEVANT FOR THE SCOPE OF THIS PROJECT.
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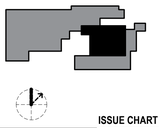
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KEY PLAN



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|---|---|---|

Job Number

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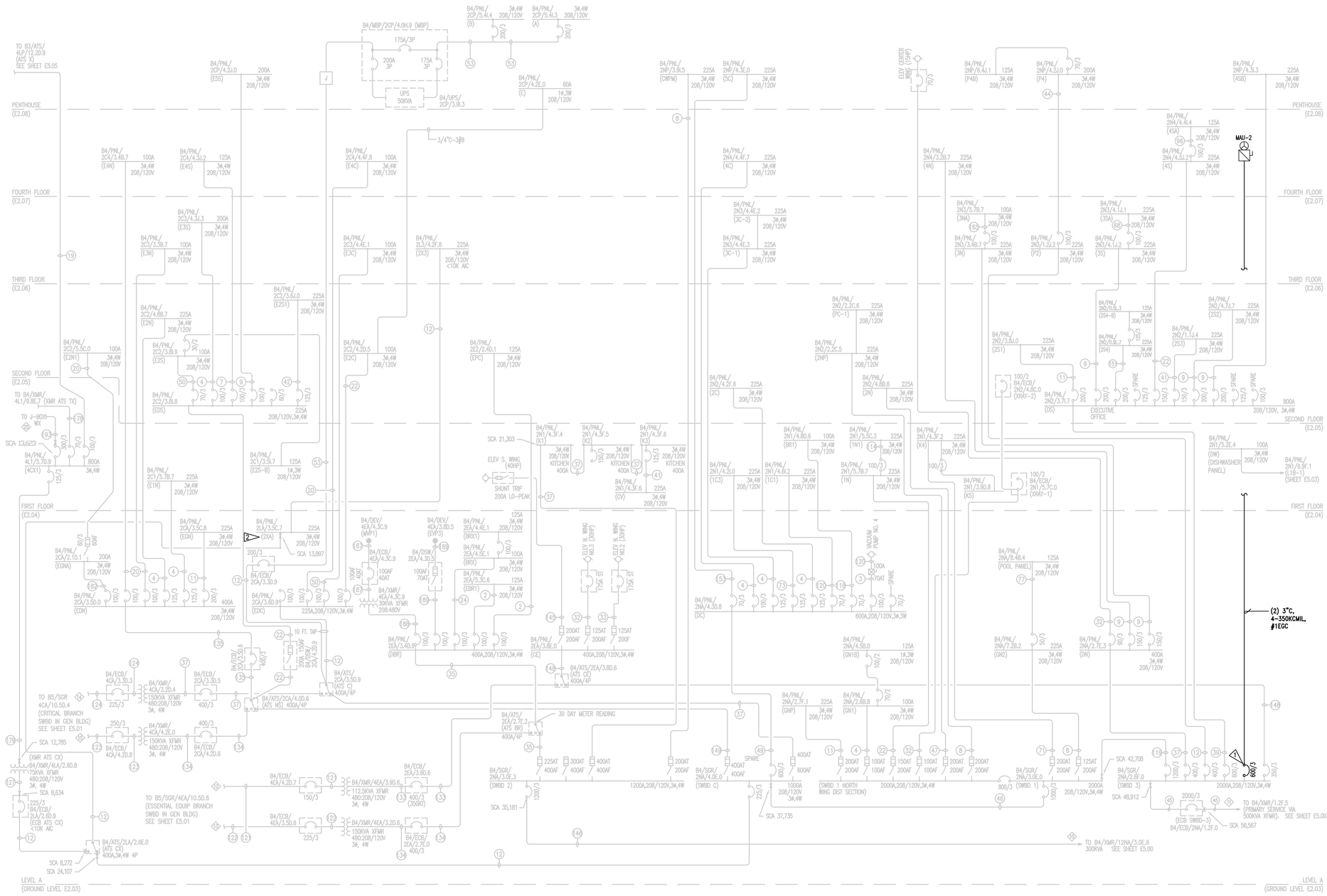
**PHASE 1 - ONE-LINE DIAGRAM - D & T WING**

SHEET NUMBER

**E50-03-1**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## NORTH, CENTRAL & SOUTH WING DISTRIBUTION WIRING DIAGRAM BELOW 1000V - MODIFIED

### FLAG NOTES:

1. REPLACE EXISTING 200A SPARE OCP DEVICE WITH A NEW 600A OCP DEVICE TO FEED NEW DOAS UNIT. NEW DEVICE SHALL MATCH EXISTING OCP DEVICES INSTALLED IN THE SWITCHBOARD.
2. UTILIZE EXISTING PANEL 2XA FOR SMOKE CONTROL DAMPERS AND EGRESS LIGHTING CIRCUITS.

### GENERAL NOTES:

1. ALL EXISTING ELECTRICAL INFRASTRUCTURE IS TO REMAIN UNLESS NOTED OTHERWISE.
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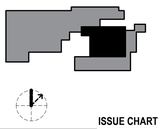
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PHASE 1 PERMIT SET 04/24/2025

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|---|---|---|

Job Number

TITLE
**PHASE 1 - ONE-LINE DIAGRAM- NORTH CENTRAL & SOUTH WINGS**

SHEET NUMBER
**E50-04-1**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## MECHANICAL/PLUMBING - ELECTRICAL COORDINATION SCHEDULE

| Equipment ID | Description | Installed | Voltage | HP | Amps | kVA | Panel | Circuit | OCP [A] | Conduit | Conductor Size | Starter | | | Disconnect | | | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Type | Furnish | Install | Type | Furnish | Install | |
| MECHANICAL LOAD | | | | | | | | | | | | | | | | | | |
| EF-4 | FAN | PHASE 1 | 208V/3ph | 3 | 10.6 | 3.81 | K8-R | 20,22,24 | 20 | 1/2" | 3#12 & 1#12G | VFD | MC | MC | FUSED | EC | EC | |
| DEF-1 | FAN | PHASE 1 | 208V/3ph | 1 | 4.6 | 1.66 | K8-R | 14,16,18 | 15 | 1/2" | 3#12 & 1#12G | VFD | MC | MC | FUSED | EC | EC | |
| KEF-1 | FAN | EXISTING | 208V/3ph | *EXISTING UNIT TO REMAIN. NO EC SCOPE.* | | | | | | | | | | | | | | |
| KEF-2 | FAN | PHASE 1 | 208V/3ph | 7.5 | 24.2 | 8.71 | K8-R | 13,15,17 | 50 | 1" | 3#8 & 1#10G | VFD | MC | MC | FUSED | EC | EC | |
| MAU-1 | DOAS | EXISTING | 208V/3ph | *EXISTING UNIT TO REMAIN. NO EC SCOPE.* | | | | | | | | | | | | | | |
| MAU-2 | DOAS | | 208V/3ph | | *561.9* | 202.3 | B4/SGR/2NA (SWBD 3) | TBD | 600 | PER ONE LINE | | FACTORY | MC | MC | FUSED | EC | EC | |
| FTU-101-103 | VAV BOXES | EXISTING | 208V/3ph | *EXISTING UNIT TO REMAIN. NO EC SCOPE.* | | | | | | | | | | | | | | QTY = 3 |
| FTU-106 | VAV BOX | PHASE 2 | 208V/1ph | | 7.5 | 1.6 | K7 | 20,22 | 20 | 1/2" | 3#12 & 1#12G | N/A | | | FUSED | EC | EC | |
| DHC-XX | DUCT HEATING COILS | PHASE 1 | 120V/1ph | *UTILIZE EXISTING 24V FOR CONTROLS WIRING. NO EC SCOPE.* | | | | | | | | | | | | | | |
| TP | TRAP PRIMER | PHASE 1/2 | 120V/1ph | PER ELECTRICAL FLOOR PLANS | | | | | 20 | 1/2" | 2#12 & 1#12G | N/A | | | OCP AT PANEL | EC | EC | QTY = 5 |
| SD-X | MOTORIZED DAMPERS | PHASE 1 | 120V/1ph | | | 0.1 | X2A | TBD | 20 | 1/2" | 2#12 & 1#12G | N/A | | | OCP AT PANEL | EC | EC | QTY = 8 |

NOTES:

1. REFER TO M/P DRAWINGS FOR EXACT EQUIPMENT LOCATIONS.
2. WHERE FUSED DISCONNECTS ARE INDICATED ALL FUSES SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS.
3. ALL WIRING SHALL BE COPPER UNLESS OTHERWISE INDICATED ON DRAWINGS.
4. PROVIDE SERVICE OUTLETS WITHIN 25' OF ALL EQUIPMENT WHERE NEAREST GENERAL USE OUTLET IS MORE THAN 25' AWAY.

## LIGHTING FIXTURE SCHEDULE

| FIXTURE TYPE | MANUFACTURER / CATALOG # / DESCRIPTION | CCT / CRI | INPUT WATTS (W) | LUMEN OUTPUT | BALLAST / TRANSFORMER / DRIVER | VOLTAGE | LENS / REFLECTOR / BEAM | TRIM / FLANGE / BAFFLE / FINISH | REMARKS / ACCESSORIES/ OPTIONS |
|---|---|---|---|---|---|---|---|---|---|
| L1 | EATON - METALUX 22CGTS-L3C3-LOW-3500K | 3500K >80 CRI | 22 | 2720 | LED DRIVER 0-10V 10%DIMMING | 120V | DIRECT | WHITE | |
| L2 | EATON - METALUX 24CGTS-L3C3-LOW-3500K | 3500K >80 CRI | 28 | 3600 | LED DRIVER 0-10V 10%DIMMING | 120V | DIRECT | WHITE | |
| L3 | NEW STAR LIGHTING SCR24-HC_OC-L240-1C-A-UN (GRID FLANGE) | 3500K >80 CRI | 50 | 6250 | LED DRIVER 0-10V 10%DIMMING | 120V | DIRECT | WHITE | |
| L4 | NEW STAR LIGHTING SCR24-HC_OC-L240-1C-A-UN (GRID FLANGE) | 3500K >80 CRI | 50 | 6250 | LED DRIVER 0-10V 10%DIMMING | 120V | INDIRECT/DIRECT | SIGNAL WHITE | |
| L5 | NEW STAR LIGHTING SCR24-HC_OC-L240-1C-A-UN (SURFACE MT) | 3500K >80 CRI | 50 | 6250 | LED DRIVER 0-10V 10%DIMMING | 120V | INDIRECT/DIRECT | SIGNAL WHITE | |
| L6 | NEW STAR LIGHTING SCR24-HC_OC-L240-1C-A-UN (SURFACE MT) | 3500K >80 CRI | 50 | 6250 | LED DRIVER 0-10V 10%DIMMING | 120V | INDIRECT/DIRECT | SIGNAL WHITE | |

## FBS SCHEDULE - PHASE 1 STEP 1 - TEMPORARY POD

| EQPT# | EQPT DESCRIPTION | VOLTAGE | PHASE | HP | AMPS | KVA | CONNECTION TYPE | PANEL NAME | CIRCUIT NUMBER | NUMBER OF CB POLES | OCP | FEEDER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E38B | SERVING COUNTER W/DOUBLE OVERSHELF | 208 | 1 | - | 166.2 | 34.6 | HARDWIRED | K7 | 2,4 | 2 | 200/2 | 2"C, 2#3/0, #3/0N, #6G | PROVIDE CONNECTION TO LOAD CENTER |
| *E38B-A* | *PRINTER* | *120* | *1* | | *15.0* | *7.2* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 4* |
| *E38B-B* | *MW OVEN* | *208* | *1* | | *14.0* | *5.8* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 2* |
| *E38B-C* | *SCANNER* | *120* | *1* | | *10.0* | *1.2* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 1* |
| *E38B-D* | *COFFEE BREWER* | *208* | *1* | | *30.0* | *12.5* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 2* |
| *E38B-E* | *HEAT LAMP* | *208* | *1* | | *9.7* | *4.0* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 2* |
| *E38B-F* | *CONVENIENCE OUTLET* | *120* | *1* | | *16.0* | *3.8* | *PREFABRICATED BY FACTORY WITH ITEM E38B* | | | | | | *QTY = 2* |
| E39B-1 | REFRIGERATED SANDWICH PREPARATION UNIT | 120 | 1 | 0.25 | 4.8 | 0.6 | NEMA 5-20 | K7 | 43 | 1 | 20/1 | 1/2"C, 3#12 | |
| E39B-2 | REFRIGERATED SANDWICH PREPARATION UNIT | 120 | 1 | 0.25 | 4.8 | 0.6 | NEMA 5-20 | K7 | 35 | 1 | 20/1 | 1/2"C, 3#12 | |
| E40B | WORK TOP FREEZER | 120 | 1 | 0.25 | 4.8 | 0.6 | NEMA 5-20 | K7 | 37 | 1 | 20/1 | 1/2"C, 3#12 | UNDER HOOD - PROVIDE SHUNT TRIP |
| E41B | FLASH BAKE OVEN | 208 | 1 | - | 40.0 | 8.3 | NEMA 6-50 | K7 | 6,8 | 2 | 50/2 | 3/4"C, 2#6, #10G | UNDER HOOD - PROVIDE SHUNT TRIP |
| E42B-1 | PASTA COOKER | 208 | 3 | - | 21.7 | 7.8 | NEMA 15-30 | K7 | 13,15,17 | 3 | 30/3 | 3/4"C, 3#10, #10G | UNDER HOOD - PROVIDE SHUNT TRIP |
| E42B-2 | PASTA COOKER | 208 | 3 | - | 21.7 | 7.8 | NEMA 15-30 | K7 | 21,23,25 | 3 | 30/3 | 3/4"C, 3#10, #10G | UNDER HOOD - PROVIDE SHUNT TRIP |
| E43B | 3-WELL MOBILE HEATED CABINET | 208 | 1 | - | 19.3 | 4.0 | NEMA 6-30 | K7 | 12,14 | 2 | 25/2 | 3/4"C, 2#10, #10G | |
| E44B | 4-WELL MOBILE HEATED CABINET | 208 | 1 | - | 25.8 | 5.4 | NEMA 6-30 | K7 | 16,18 | 2 | 30/2 | 3/4"C, 2#10, #10G | |
| E45B-1 | BASE ACTIVATOR | 208 | 3 | - | 23.5 | 8.5 | NEMA 430P9W | K7 | 1,3,5 | 3 | 30/3 | 3/4"C, 3#10, #10G | |
| E45B-2 | BASE ACTIVATOR | 208 | 3 | - | 23.5 | 8.5 | NEMA 430P9W | K7 | 7,9,11 | 3 | 30/3 | 3/4"C, 3#10, #10G | |
| E46B | MOBILE HEATED PLATE DISPENSER | 208 | 1 | - | 4.6 | 1.0 | NEMA 6-15 | K7 | 20,22 | 2 | 15/2 | 1/2"C, 2#12, #12G | |
| E47B | MOBILE HEATED PLATE DISPENSER | 208 | 1 | - | 4.6 | 1.0 | NEMA 6-15 | K7 | 24,26 | 2 | 15/2 | 1/2"C, 2#12, #12G | |
| E48B | MOBILE HEATED CABINET | 120 | 1 | - | 10.0 | 1.2 | NEMA 5-20 | K7 | 41 | 1 | 20/1 | 1/2"C, 3#12 | |
| E49B | MOBILE HEATER PROOFER | 208 | 1 | - | 7.0 | 1.5 | NEMA 6-15 | K7 | 28,30 | 2 | 15/2 | 1/2"C, 2#12, #12G | UNDER HOOD - PROVIDE SHUNT TRIP |
| E50B-1 | AIR CURTAIN REGRIGERATOR | 120 | 1 | - | 8.5 | 1.0 | NEMA 5-20 | K7 | 34 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E50B-2 | AIR CURTAIN REGRIGERATOR | 120 | 1 | - | 8.5 | 1.0 | NEMA 5-20 | K7 | 36 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E50B-3 | AIR CURTAIN REGRIGERATOR | 120 | 1 | - | 8.5 | 1.0 | NEMA 5-20 | K7 | 38 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E50B-4 | AIR CURTAIN REGRIGERATOR | 120 | 1 | - | 8.5 | 1.0 | NEMA 5-20 | K7 | 40 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E51B-1 | FREEZER | 120 | 1 | 0.5 | 7.1 | 0.9 | NEMA 5-20 | K7 | 42 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E51B-2 | FREEZER | 120 | 1 | 0.5 | 7.1 | 0.9 | NEMA 5-20 | K7 | 44 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE RECEPTACLE ON DROP CORD FROM CEILING |
| E52B | EMPTY CONDUIT FOR EDP/POS SYSTEMS & PRINTERS | - | - | - | - | - | N/A | | | - | | 1"C | |
| E53B | COMM PORT FOR PRINTER/SCANNER | - | - | - | - | - | N/A | | | - | | 2-CAT6 | QTY=2 |
| SUBTOTAL AREA B TEMP POD | | | | | | 96.9 | | | | 36.0 | | | |

NOTES:

1. ALL WIRING SHALL BE COPPER UNLESS OTHERWISE NOTED ON PLANS.
2. EC TO VERIFY ALL CONNECTION TYPES WITH FINAL EQUIPMENT SUBMITTALS.
3. EC TO PROVIDE GFCI PROTECTION WHERE REQUIRED PER NEC (ALL KITCHEN OUTLETS AND ALL OUTLETS INSTALLED WITHIN 6' OF A SINK ELSEWHERE).
4. EC TO PROVIDE LINE-OF-SIGHT DISCONNECT SWITCHES FOR ALL HARDWIRED EQUIPMENT PER NEC 422.31.
5. ALL EQUIPMENT LOCATED UNDER HOOD SHALL BE ON SHUNT-TRIP CIRCUIT BREAKERS.
6. POWER/AMP/KVA VALUES INDICATED ARE PRELIMINARY AND MAY NOT BE EXACT FOR ALL EQUIPMENT. CONFIRM VALUES WITH FINAL SUBMITTALS AND FBS DRAWINGS.
7. PANEL ASSIGNMENT IS PRELIMINARY TO HELP WITH ESTIMATING CIRCUIT LENGTHS AND BREAKER NEEDS.
8. REFER TO FOOD SERVICE DRAWINGS FOR EQUIPMENT LOCATIONS.


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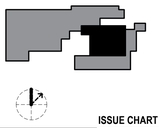
PHASE 1 PERMIT SET 04/24/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number

TITLE

**PHASE 1 - EQUIPMENT COORDINATION SCHEDULES**

SHEET NUMBER

**E80-00**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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# FBS SCHEDULE - PHASE 1

| EQPT# | EQPT DESCRIPTION | VOLTAGE | PHASE | AMPS | KVA | CONNECTION TYPE | PANEL NAME | CIRCUIT NUMBER | NUMBER OF CB POLES | OCP | FEEDER | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E1A-1 | WALK-IN COOLER FREEZER ASSEMBLY (LIGHTS) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E1A-2 | WALK-IN COOLER FREEZER ASSEMBLY (LIGHTS) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E1A-3 | WALK-IN COOLER FREEZER ASSEMBLY (LIGHTS) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE BRANCH WIRING TO COOLER LIGHTS |
| E1A-4 | WALK-IN COOLER FREEZER ASSEMBLY (LIGHTS) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E1A-5 | WALK-IN COOLER FREEZER ASSEMBLY (LIGHTS) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E2A-1 | WALK-IN COOLER FREEZER (DOOR HEATER/ALARM) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E2A-2 | WALK-IN COOLER FREEZER (DOOR HEATER/ALARM) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E2A-3 | WALK-IN COOLER FREEZER (DOOR HEATER/ALARM) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E2A-4 | WALK-IN COOLER FREEZER (DOOR HEATER/ALARM) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E2A-5 | WALK-IN COOLER FREEZER (DOOR HEATER/ALARM) | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E3A-1 | HEAT TAPE | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 43 | 1 | 20/1 | 1/2"C, 3#14 | |
| E3A-2 | HEAT TAPE | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 45 | 1 | 20/1 | 1/2"C, 3#14 | |
| E3A-3 | HEAT TAPE | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 47 | 1 | 20/1 | 1/2"C, 3#14 | |
| E3A-4 | HEAT TAPE | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 49 | 1 | 20/1 | 1/2"C, 3#14 | |
| E4A-1 | BLOWER COIL GENERAL COOLER | 120 | 1 | 20.0 | 2.4 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 2#12, #12N, #12G | |
| E4A-2 | BLOWER COIL GENERAL COOLER | 120 | 1 | 20.0 | 2.4 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 2#12, #12N, #12G | |
| E5A | GENERAL COOLER REMOTE CONDESING UNIT | 208 | 3 | 25.0 | 9.0 | HARDWIRED | K8-R | 1,3,5 | 3 | 40/3 | 3/4"C, 3#8, #10G | |
| E6A-1 | BLOWER COIL GENERAL FREEZER | 208 | 1 | 20.0 | 4.2 | HARDWIRED | K8 | TBD | 2 | 20/2 | 1/2"C, 2#12, #12N, #12G | |
| E6A-2 | BLOWER COIL GENERAL FREEZER | 208 | 1 | 20.0 | 4.2 | HARDWIRED | K8 | TBD | 2 | 20/2 | 1/2"C, 2#12, #12N, #12G | |
| E7A | GENERAL FREEZER REMOTE CONDESING UNIT | 208 | 3 | 60.0 | 21.6 | HARDWIRED | TBD | 7,9,11 | 3 | 60/3 | 1"C, 3#4, #10G | |
| E8A-1 | BLOWER COIL FREEZER | 208 | 1 | 20.0 | 4.2 | HARDWIRED | K8 | TBD | 2 | 30/2 | 3/4"C, 2#10, #10N, #10G | |
| E8A-2 | BLOWER COIL FREEZER | 208 | 1 | 20.0 | 4.2 | HARDWIRED | K8 | TBD | 2 | 30/2 | 3/4"C, 2#10, #10N, #10G | |
| E9A | FREEZER REMOTE CONDESING UNIT | 208 | 3 | 30.0 | 10.8 | HARDWIRED | TBD | 8,10,12 | 3 | 60/3 | 1"C, 3#4, #10G | |
| E10A | BLOWER COIL CHEF'S COOLER | 120 | 1 | 20.0 | 2.4 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 2#12, #12N, #12G | |
| E23A | PRODUCE COOLER | 120 | 1 | 20.0 | 2.4 | HARDWIRED | K8 | TBD | 1 | 20/1 | 1/2"C, 2#12, #12N, #12G | |
| E11A | CHEF'S COOLER REMOTE CONDESING UNIT | 208 | 3 | 20.0 | 7.2 | HARDWIRED | K8-R | 2,4,6 | 3 | 20/3 | 1/2"C, 3#12, #12G | |
| E12A-1 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 51 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-2 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 51 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-3 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 51 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-4 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 53 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-5 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 53 | 1 | 20/1 | 1/2"C, 3#12 | ASSUME 3 OUTLETS PER CIRCUIT |
| E12A-6 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 53 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-7 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 55 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-8 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 55 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12A-9 | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15 | K7 | 55 | 1 | 20/1 | 1/2"C, 3#12 | |
| E13A | MULTI RACK SYSTEM BLAST CHILLER | 208 | 3 | 12.0 | 4.3 | HARDWIRED | K7 | 21,23,25 | 3 | 20/3 | 1/2"C, 3#12, #12G | |
| E14A | R.O SYSTEM WATER PROCESSOR | 120 | 1 | 6.0 | 0.7 | NEMA 5-15 | K8 | 44 | 1 | 15/1 | 1/2"C, 3#12 | |
| E15A | R.O SYSTEM REPRESSURIZATION PUMP | 120 | 1 | 10.0 | 1.2 | NEMA 5-15 | K8 | 46 | 1 | 15/1 | 1/2"C, 3#12 | |
| E16A | 20 QT. HEAVY DUTY MIXER | 120 | 1 | 15.0 | 1.8 | NEMA 5-20 | K7 | 57 | 1 | 20/1 | 1/2"C, 3#12 | |
| E17A | COMBO FOOD PROCESSOR | 208 | 3 | 3.8 | 1.4 | NEMA 15-20 | K7 | 27,29,31 | 3 | 20/3 | 1/2"C, 3#12, #12G | |
| E18A | FOOD CUTTER | 208 | 1 | 6.0 | 1.2 | NEMA 6-20 | K8 | 36,38 | 2 | 20/2 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E21A | COMM PORT | | | | 0.0 | | | | | | 2-CAT6 | |
| E22A | CONVENIENCE OUTLET | 120 | 1 | 16.0 | 1.9 | NEMA 5-15P | K8 | 49 | 1 | 20/1 | 1/2"C, 3#12 | |
| E24A | PRODUCE COOLER REMOTE CONDESING UNIT | 208 | 3 | 20.0 | 5.4 | HARDWIRED | K8 | 23,25,27 | 3 | 20/3 | 1/2"C, 3#12, #12G | |
| E5B-1 | JUNCT. BOX / DUPLEX - CONVIENENCE OUTLETS | 120 | 1 | 15.0 | 1.8 | J-BOX | K7 | 59 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE CIRCUIT TO J-BOX AND WIRING TO EQUIPMENT MOUNTED OUTLETS. |
| E5B-2 | JUNCT. BOX / DUPLEX - CONVIENENCE OUTLETS | 120 | 1 | 15.0 | 1.8 | J-BOX | K7 | 60 | 1 | 20/1 | 1/2"C, 3#12 | |
| E6B | M.A.R.V.E.L CONTROL PANEL | 120 | 1 | 15.0 | 1.8 | HARDWIRED | | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E7B | EXHAUST HOOD LIGHTS | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 37 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE BRANCH WIRING TO HOOD LIGHTS. PROVIDE SHUNT TRIP. |
| E8B-1 | HOOD CONTROLLER | 120 | 1 | 10.0 | 1.2 | HARDWIRED | | TBD | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE BRANCH WIRING FOR CONTROLS. PROVIDE SHUNT TRIP. |
| E8B-2 | HOOD CONTROLLER | 120 | 1 | 10.0 | 1.2 | HARDWIRED | | TBD | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE BRANCH WIRING FOR CONTROLS. PROVIDE SHUNT TRIP. |
| E9B-1 | FIRE SUPRESSION SYSTEM | 120 | 1 | 10.0 | 1.2 | HARDWIRED | | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E9B-2 | FIRE SUPRESSION SYSTEM | 120 | 1 | 10.0 | 1.2 | HARDWIRED | | TBD | 1 | 20/1 | 1/2"C, 3#12 | |
| E10B-1 | DOUBLE COMBI STACKED OVENS (PER OVEN) | 208 | 3 | 4.8 | 1.7 | HARDWIRED | K8 | 7,9,11 | 3 | 15/3 | 1/2"C, 3#12, #12G | |
| E10B-2 | DOUBLE COMBI STACKED OVENS (PER OVEN) | 208 | 3 | 4.8 | 1.7 | HARDWIRED | K8 | 15,17,19 | 3 | 15/3 | 1/2"C, 3#12, #12G | DUAL POINT CONNECTION. PROVIDE SHUNT TRIP. |
| E10B-3 | DOUBLE COMBI STACKED OVENS (PER OVEN) | 208 | 3 | 4.8 | 1.7 | HARDWIRED | K8 | 8,10,12 | 3 | 15/3 | 1/2"C, 3#12, #12G | |
| E10B-4 | DOUBLE COMBI STACKED OVENS (PER OVEN) | 208 | 3 | 4.8 | 1.7 | HARDWIRED | K8 | 16,18,20 | 3 | 15/3 | 1/2"C, 3#12, #12G | DUAL POINT CONNECTION. PROVIDE SHUNT TRIP. |
| E11B-1 | DOUBLE GAS STEAMER (IGNITION) | 120 | 1 | 1.0 | 0.1 | HARDWIRED | K7 | 41 | 1 | 20/1 | 1/2"C, 3#12 | |
| E11B-2 | DOUBLE GAS STEAMER (IGNITION) | 120 | 1 | 1.0 | 0.1 | HARDWIRED | K7 | 41 | 1 | 20/1 | 1/2"C, 3#12 | |
| E12B | DUAL TRUNNION KETTLE | 120 | 1 | 15.0 | 1.8 | HARDWIRED | K7 | 54 | 1 | 20/1 | 1/2"C, 3#12 | |
| E13B | 40 GAL. TILTING KETTLE | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K7 | 56 | 1 | 20/1 | 1/2"C, 3#12 | |
| E14B | 40. GAL TILTING BRAISING PAN | 120 | 1 | 5.0 | 0.6 | HARDWIRED | K7 | 58 | 1 | 20/1 | 1/2"C, 3#12 | |
| E15B | REACH IN FREEZER | 120 | 1 | 6.5 | 0.8 | NEMA 5-15 | K8 | 48 | 1 | 15/1 | 1/2"C, 3#12 | |
| E16B-1 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 50 | 1 | 20/1 | 1/2"C, 3#12 | |
| E16B-2 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 50 | 1 | 20/1 | 1/2"C, 3#12 | |
| E16B-3 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 50 | 1 | 20/1 | 1/2"C, 3#12 | |
| E16B-4 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 52 | 1 | 20/1 | 1/2"C, 3#12 | ASSUME 3 OUTLETS PER CIRCUIT |
| E16B-5 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 52 | 1 | 20/1 | 1/2"C, 3#12 | |
| E16B-6 | CONVENIENCE OUTLETS | 120 | 1 | 1.0 | 0.1 | NEMA 5-15 | K7 | 52 | 1 | 20/1 | 1/2"C, 3#12 | |
| E17B-1 | ELECTRIC DOUBLE FRYER | 208 | 3 | 51.3 | 17.0 | NEMA 15-60 | K7 | 1,3,5 | 3 | 60/3 | 1"C, 3#4, #10G | |
| E17B-2 | ELECTRIC DOUBLE FRYER | 208 | 3 | 51.3 | 17.0 | NEMA 15-60 | K7 | 7,9,11 | 3 | 60/3 | 1"C, 3#4, #10G | |
| E18B | HEAT LAMP | 120 | 1 | 6.3 | 0.8 | NEMA 5-15 | K8 | 50 | 1 | 15/1 | 1/2"C, 3#12 | |
| E19B | 72" GRIDDLE STAND REFRIGERATOR | 120 | 1 | 4.2 | 0.5 | NEMA 5-20 | K7 | 36 | 1 | 20/1 | 1/2"C, 3#12 | |
| E20B | HEAVY-DUTY 36" 6-BURNER RANGE W/ CONVECTION OVEN | 120 | 1 | 3.4 | 0.4 | NEMA 5-15 | K8 | 52 | 1 | 15/1 | 1/2"C, 3#12 | |
| E21B-1 | DOUBLE DECK CONVECTION OVEN | 120 | 1 | 7.2 | 0.9 | NEMA 5-20 | K7 | 42 | 1 | 20/1 | 1/2"C, 3#12 | |
| E21B-2 | DOUBLE DECK CONVECTION OVEN | 120 | 1 | 7.2 | 0.9 | NEMA 5-20 | K7 | 44 | 1 | 20/1 | 1/2"C, 3#12 | |
| E22B-1 | DOUBLE CONVECTION OVEN | 120 | 1 | 8.0 | 1.0 | NEMA 5-20 | K7 | 46 | 1 | 20/1 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E22B-2 | DOUBLE CONVECTION OVEN | 120 | 1 | 8.0 | 1.0 | NEMA 5-20 | K7 | 38 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE SHUNT TRIP. |
| E23B | MOBILE HEATER PROOFER | 208 | 1 | 7.0 | 1.5 | NEMA 6-15P | K7 | 24,26 | 2 | 15/2 | 1/2"C, 3#12 | |
| E24B | SANDWICH UNIT REFRIGERATOR | 120 | 1 | 6.0 | 0.7 | NEMA 5-20 | K7 | 61 | 1 | 20/1 | 1/2"C, 3#12 | |
| E25B | TOASTER | 120 | 1 | 15.0 | 1.8 | NEMA 5-20 | K7 | 35 | 1 | 20/1 | 1/2"C, 3#12 | |
| E26B | JUNCT. BOX / DUPLEX - CONVIENENCE OUTLETS | 120 | 1 | 15.0 | 1.8 | J-BOX | K7 | 34 | 1 | 20/1 | 1/2"C, 3#12 | PROVIDE CIRCUIT TO J-BOX AND WIRING TO EQUIPMENT MOUNTED OUTLETS. |
| E27B | POT WASH MACHINE W/BOOSTER HEATER | 208 | 3 | 47.6 | 17.1 | HARDWIRED | K7 | 13,15,17 | 3 | 60/3 | 1-1/4"C, 3#4, #10G | PROVIDE LV WIRING TO CONDENSATE HOOD. PROVIDE SHUNT TRIP. |
| E28B | ULTRA WASH SINK | 208 | 3 | 20.0 | 7.2 | HARDWIRED | K8 | 24,26,28 | 3 | 20/3 | 1/2"C, 3#12, #12G | |
| E29B | SOILED DISH TABLE W/TROUGH/ CONVEYOR | 208 | 1 | 15.0 | 3.1 | HARDWIRED | K8 | 29,31 | 2 | 20/2 | 1/2"C, 3#12 | |
| E30B | TROUGH COLLECTOR | 208 | 1 | 15.0 | 3.1 | HARDWIRED | K8 | 33,35 | 2 | 20/2 | 1/2"C, 3#12 | |
| E31B | FLIGHT TYPE HIGH TEMP DISWHASHER/BOOSTER HEATER | 208 | 3 | 139.0 | 50.1 | HARDWIRED | K8 | 1,3,5 | 3 | 175/3 | 2"C, 3#2/0, #6G | |
| E32B | FLIGHT TYPE HIGH TEMP DISWHASHER/BOOSTER HEATER | 208 | 3 | 95.6 | 34.4 | HARDWIRED | K8 | 2,4,6 | 3 | 125/3 | 1-1/2"C, 3#1, #6G | |
| E33B | MOBILE HEATED CABINET | 120 | 1 | 10.0 | 1.2 | NEMA 5-15 | K8 | 54 | 1 | 15/1 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E34B | 60 QT. MIXER | 208 | 1 | 10.9 | 2.3 | NEMA 6-20 | K8 | 30,32 | 2 | 20/2 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E35B | MICROWAVE OVEN | 120 | 1 | 13.0 | 1.6 | NEMA 5-20 | K8 | 51 | 1 | 20/1 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E36B | UNDERCOUNTER REFRIGERATOR/FREEZER | 120 | 1 | 1.7 | 0.2 | NEMA 5-20 | K8 | 53 | 1 | 20/1 | 1/2"C, 3#12 | EXISTING RELOCATED. FIELD VERIFY LOAD AND CIRCUIT REQUIREMENTS. |
| E37B | REMOTE PULL STATION | | | | | | | | | | | |
| SUBTOTAL PHASE 1 | | | | | 312.4 | | | | 133.0 | | | |

NOTES:
1. ALL WIRING SHALL BE COPPER UNLESS OTHERWISE NOTED ON PLANS.
2. EC TO VERIFY ALL CONNECTION TYPES WITH FINAL EQUIPMENT SUBMITTALS.
3. EC TO PROVIDE GFCI PROTECTION WHERE REQUIRED PER NEC (ALL KITCHEN OUTLETS AND ALL OUTLETS INSTALLED WITHIN 6' OF A SINK ELSEWHERE).
4. EC TO PROVIDE LINE-OF-SIGHT DISCONNECT SWITCHES FOR ALL HARDWIRED EQUIPMENT PER NEC 422.31.
5. ALL EQUIPMENT LOCATED UNDER HOOD SHALL BE ON SHUNT-TRIP CIRCUIT BREAKERS.
6. POWER/AMP/KVA VALUES INDICATED ARE PRELIMINARY AND MAY NOT BE EXACT FOR ALL EQUIPMENT. CONFIRM VALUES WITH FINAL SUBMITTALS AND FBS DRAWINGS.
7. PANEL ASSIGNMENT IS PRELIMINARY TO HELP WITH ESTIMATING CIRCUIT LENGTHS AND BREAKER NEEDS.
8. REFER TO FOOD SERVICE DRAWINGS FOR EQUIPMENT LOCATIONS.


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City of Puyallup
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PHASE 1 PERMIT SET 04/24/2025

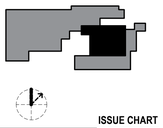
**MultiCare Good Samaritan Hospital Kitchen**

401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number

TITLE

**PHASE 1 - EQUIPMENT COORDINATION SCHEDULES**

SHEET NUMBER

**E80-01**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## PANEL SCHEDULE — B4/PNL/2LA/2.6E.0 (2XA)

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | Y/ 120 VOLTS | NORMAL POWER | | BUS RATING: | 225 AMPS | | LOCATION: | A LEVEL | SPEC PANEL WITH: | YES | NO |
| 3 | -PHASE | PNL. MFR.: SQUARE D | | MAIN BKR: | MCB | | MOUNTING: | SURFACE | FEED-THRU LUGS | X | |
| 4 | -WIRE | CAT. NO.: | | A.I.C. RATING: | 22,000 AIC SYM | | FED FROM: | | DOUBLE LUGS | | X |
| | | | | | | | | | 200% NEUTRAL | | X |

| CKT NO. | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CODE | LOAD (kVA) | BKR AMPS | PH | BKR AMPS | LOAD (kVA) | CODE | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CKT NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SPARE | | | | 20/1 | -A- | 20/1 | 1.00 | | FIRE ALARM - MAIN PANEL CABINET 2 | | 2 |
| 3 | AUTOMATIC DOORS | | | 0.60 | 20/1 | -B- | 20/1 | 0.50 | | FIRE ALARM - DOORS | | 4 |
| 5 | FIRE ALARM TRANS | | | 0.60 | 20/1 | -C- | 20/1 | 0.50 | | FIRE ALARM | | 6 |
| 7 | LTG - CORR | 1ST FLOOR | L | 1.00 | 20/1 | -A- | 20/1 | 0.50 | L | LTG - CORR, AUTO DOOR | | 8 |
| 9 | LTG - DINING | | L | 1.00 | 20/1 | -B- | 20/1 | 0.17 | L | LTG - ELEVATOR | | 10 |
| 11 | LTG - EXIT | | L | 0.50 | 20/1 | -C- | 20/1 | 1.48 | L | LTG - SERVERY | | 12 |
| 13 | LTG - CORR | | | 1.00 | 20/1 | -A- | 20/1 | | | SPARE | | 14 |
| 15 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 16 |
| 17 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 18 |
| 19 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 20 |
| 21 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 22 |
| 23 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 24 |
| 25 | SPARE | | | | 20/1 | -A- | 20/1 | | L | **EGRESS LIGHTING** | **PHASE 1 (NOTE 3)** | 26 |
| 27 | SPARE | | | | 20/1 | -B- | 20/1 | | L | **EGRESS LIGHTING** | **PHASE 2 (NOTE 3)** | 28 |
| 29 | SPARE | | | | 20/1 | -C- | 20/1 | **0.50** | **Z** | **FIRE SMOKE DAMPERS** | **(NOTE 3)** | 30 |
| 31 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 32 |
| 33 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 34 |
| 35 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 36 |
| 37 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 38 |
| 39 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 40 |
| 41 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 42 |

| CODES: | | CONNECTED LOAD | | CALCULATED DEMAND LOAD | |
|---|---|---|---|---|---|
| H | = HVAC LOADS | 0.00 | kVA | 0.00 | kVA (100%) |
| K | = KITCHEN EQUIPMENT | 0.00 | kVA | 0.00 | kVA (100%) |
| L | = LIGHTING LOADS | 5.65 | kVA | 7.06 | kVA (125%) |
| LM | = LARGEST SINGLE MOTOR | 0.00 | kVA | 0.00 | kVA (125%) |
| M | = OTHER MOTOR LOADS | 0.00 | kVA | 0.00 | kVA (100%) |
| NC | = NON-COINCIDENTAL LOADS | 0.00 | kVA | 0.00 | kVA (0%) |
| R | = GENERAL USE RECEPTACLES | 0.00 | kVA | 0.00 | kVA (50%>10kVA) |
| S | = DEDICATED RECEPTACLES | 0.00 | kVA | 0.00 | kVA (100%) |
| Z | = MISC. OR APPLIANCES | 3.70 | kVA | 3.70 | kVA (100%) |
| | TOTALS: | 9.35 | kVA | 10.76 | kVA |
| | | 26.0 | AMPS | 30 | AMPS |

NOTES:
**1. THIS IS AN EXISTING PANELBOARD TO REMAIN. ALL OVERCURRENT DEVICES ARE EXISTING. REVISED CIRCUITS ARE SHOWN IN BOLD.**
**2. UTILIZE EXISTING SPARE TO FEED NEW LOAD.**

## PANEL SCHEDULE — B4/PNL/2N1/4.1F.4(K7)-NEW FINAL

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | Y/ 120 VOLTS | NORMAL POWER | | BUS RATING: | 400 AMPS | | LOCATION: | ELECTRICAL ROOM EXTERIOR | SPEC PANEL WITH: | YES | NO |
| 3 | -PHASE | PNL. MFR.: | | MAIN BKR: | MLO | | MOUNTING: | SURFACE | FEED-THRU LUGS | X | |
| 4 | -WIRE | CAT. NO.: | | A.I.C. RATING: | AIC SYM | | FED FROM: | 200A MAIN SWBD | DOUBLE LUGS | | X |
| | | | | | | | | | 200% NEUTRAL | | X |

| CKT NO. | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CODE | LOAD (kVA) | BKR AMPS | PH | BKR AMPS | LOAD (kVA) | CODE | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CKT NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | (NOTE 2) | K | 5.67 | | -A- | 200/2 | | | SPARE | | 2 |
| 3 | E17B-1 | | K | 5.67 | 60/3 | -B- | | | | | | 4 |
| 5 | | | K | 5.67 | | -C- | 50/2 | | | SPARE | | 6 |
| 7 | | (NOTE 2) | K | 5.67 | | -A- | | | | | | 8 |
| 9 | E17B-2 | | K | 5.67 | 60/3 | -B- | | | | SHUNT TRIP | | 10 |
| 11 | | | K | 5.67 | | -C- | 25/2 | | | SPARE | | 12 |
| 13 | | (NOTE 2) | K | 5.70 | | -A- | | | | | | 14 |
| 15 | E27B | | K | 5.70 | 60/3 | -B- | 30/2 | | | SPARE | | 16 |
| 17 | | | K | 5.70 | | -C- | | | | | | 18 |
| 19 | SHUNT TRIP FOR E27B | | | | | -A- | 15/2 | 0.80 | K | FTU-106 | | 20 |
| 21 | | | K | 1.43 | | -B- | | 0.80 | K | | | 22 |
| 23 | E13A | | K | 1.43 | 20/3 | -C- | 15/2 | 0.50 | K | E23B | | 24 |
| 25 | | | K | 1.43 | | -A- | | 0.50 | K | | | 26 |
| 27 | | (NOTE 3) | K | 0.47 | | -B- | 15/2 | | | SPARE | | 28 |
| 29 | E17A | | K | 0.47 | 20/3 | -C- | | | | | | 30 |
| 31 | | | K | 0.47 | | -A- | | | | SHUNT TRIP | | 32 |
| 33 | SHUNT TRIP | | | | 20/1 | -B- | 20/1 | 1.80 | K | E26B | | 34 |
| 35 | E25B | | K | 1.80 | 20/1 | -C- | 20/1 | 0.50 | K | E19B | | 36 |
| 37 | E7B | | K | 1.80 | 20/1 | -A- | 20/1 | 1.00 | K | E22B-2 | | 38 |
| 39 | SHUNT TRIP FOR E7B | | | | | -B- | 20/1 | | K | SHUNT TRIP FOR E22B-2 | | 40 |
| 41 | E11B-1,2 | | K | 0.20 | 20/1 | -C- | 20/1 | 0.90 | K | E21B-1 | | 42 |
| 43 | E3A-1 | | K | 1.80 | 20/1 | -A- | 20/1 | 0.90 | K | E21B-2 | | 44 |
| 45 | E3A-2 | | K | 1.80 | 20/1 | -B- | 20/1 | 1.00 | K | E22B-1 | | 46 |
| 47 | E3A-3 | | K | 1.80 | 20/1 | -C- | | | | SHUNT TRIP FOR E22B-1 | | 48 |
| 49 | E3A-4 | | K | 1.80 | 20/1 | -A- | 20/1 | 0.54 | R | E16B-1,2,3 | | 50 |
| 51 | E12A-1,2,3 | | R | 0.54 | 20/1 | -B- | 20/1 | 0.54 | R | E16B-4,5,6 | | 52 |
| 53 | E12A-4,5,6 | | R | 0.54 | 20/1 | -C- | 20/1 | 1.80 | K | E12B | | 54 |
| 55 | E12A-7,8,9 | | R | 0.54 | 20/1 | -A- | 20/1 | 0.60 | K | E13B | | 56 |
| 57 | E16A | | K | 1.80 | 20/1 | -B- | 20/1 | 0.60 | K | E14B | | 58 |
| 59 | E5B-1 | | K | 1.80 | 20/1 | -C- | 20/1 | 1.80 | K | E5B-2 | | 60 |
| 61 | E24B | | K | 0.70 | 20/1 | -A- | 20/1 | | | SPARE | | 62 |
| 63 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 64 |
| 65 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 66 |
| 67 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 68 |
| 69 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 70 |
| 71 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 72 |
| 73 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 74 |
| 75 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 76 |
| 77 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 78 |
| 79 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 80 |
| 81 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 82 |
| 83 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 84 |

| CODES: | | CONNECTED LOAD | | CALCULATED DEMAND LOAD | |
|---|---|---|---|---|---|
| H | = HVAC LOADS | 1.60 | kVA | 1.60 | kVA (100%) |
| K | = KITCHEN EQUIPMENT | 84.00 | kVA | 84.00 | kVA (100%) |
| L | = LIGHTING LOADS | 0.00 | kVA | 0.00 | kVA (125%) |
| LM | = LARGEST SINGLE MOTOR | 0.00 | kVA | 0.00 | kVA (125%) |
| M | = OTHER MOTOR LOADS | 0.00 | kVA | 0.00 | kVA (100%) |
| NC | = NON-COINCIDENTAL LOADS | 0.00 | kVA | 0.00 | kVA (0%) |
| R | = GENERAL USE RECEPTACLES | 2.70 | kVA | 2.70 | kVA (50%>10kVA) |
| S | = DEDICATED RECEPTACLES | 0.00 | kVA | 0.00 | kVA (100%) |
| Z | = MISC. OR APPLIANCES | 0.00 | kVA | 0.00 | kVA (100%) |
| | TOTALS: | 88.30 | kVA | 88.30 | kVA |
| | | 245.1 | AMPS | 245 | AMPS |

NOTES:
**1. THIS IS A NEW PANELBOARD. LOAD INDICATED IS FOR PHASE 1 FINAL.**
**PROVIDE GFCI BREAKERS FOR ALL CIRCUITS.**
**2. REPLACE 30A/3PBREAKER FROM STEP 1 WITH NEW 60A/3P.**
**3. REPLACE 30A/3PBREAKER FROM STEP 1 WITH NEW 20A/3P.**

## PANEL SCHEDULE — B4/PNL/2N1/4.1F.4(K7)-NEW STEP 1

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | Y/ 120 VOLTS | NORMAL POWER | | BUS RATING: | 400 AMPS | | LOCATION: | ELECTRICAL ROOM EXTERIOR | SPEC PANEL WITH: | YES | NO |
| 3 | -PHASE | PNL. MFR.: | | MAIN BKR: | MLO | | MOUNTING: | SURFACE | FEED-THRU LUGS | X | |
| 4 | -WIRE | CAT. NO.: | | A.I.C. RATING: | AIC SYM | | FED FROM: | 200A MAIN SWBD | DOUBLE LUGS | | X |
| | | | | | | | | | 200% NEUTRAL | | X |

| CKT NO. | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CODE | LOAD (kVA) | BKR AMPS | PH | BKR AMPS | LOAD (kVA) | CODE | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CKT NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | K | 2.83 | | -A- | 200/2 | 17.30 | K | E38B | | 2 |
| 3 | E45B-1 | | K | 2.83 | 30/3 | -B- | | 17.30 | K | | | 4 |
| 5 | | | K | 2.83 | | -C- | 50/2 | 4.15 | K | E41B | | 6 |
| 7 | | | K | 2.83 | | -A- | | 4.15 | K | | | 8 |
| 9 | E45B-2 | | K | 2.83 | 30/3 | -B- | | | | SHUNT TRIP FOR E41B | | 10 |
| 11 | | | K | 2.83 | | -C- | 25/2 | 2.00 | K | E43B | | 12 |
| 13 | | | K | 2.60 | | -A- | | 2.00 | K | | | 14 |
| 15 | E42B-1 | | K | 2.60 | 30/3 | -B- | 30/2 | 2.70 | K | E44B | | 16 |
| 17 | | | K | 2.60 | | -C- | | 2.70 | K | | | 18 |
| 19 | SHUNT TRIP FOR E42B | | | | | -A- | 15/2 | 2.30 | K | E46B | | 20 |
| 21 | | | | | | -B- | | 2.30 | K | | | 22 |
| 23 | SPARE | | | | 20/3 | -C- | 15/2 | 2.30 | K | E47B | | 24 |
| 25 | | | | | | -A- | | 2.30 | K | | | 26 |
| 27 | | | K | 2.60 | | -B- | 15/2 | 0.50 | K | E49B | | 28 |
| 29 | E42B-2 | | K | 2.60 | 30/3 | -C- | | 0.50 | K | | | 30 |
| 31 | | | K | 2.60 | | -A- | | | | SHUNT TRIP FOR E49B | | 32 |
| 33 | SHUNT TRIP FOR E42B | | | 0.60 | 20/1 | -B- | 20/1 | 1.00 | K | E50B-1 | | 34 |
| 35 | E39B-2 | | K | | 20/1 | -C- | 20/1 | 1.00 | K | E50B-2 | | 36 |
| 37 | E40B | | K | 0.60 | 20/1 | -A- | 20/1 | 1.00 | K | E50B-3 | | 38 |
| 39 | SHUNT TRIP FOR E40B | | | | | -B- | 20/1 | 1.00 | K | E50B-4 | | 40 |
| 41 | E48B | | K | 1.20 | 20/1 | -C- | 20/1 | 0.90 | K | E51B-1 | | 42 |
| 43 | E39B-1 | | K | 0.60 | 20/1 | -A- | 20/1 | 0.90 | K | E51B-2 | | 44 |
| 45 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 46 |
| 47 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 48 |
| 49 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 50 |
| 51 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 52 |
| 53 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 54 |
| 55 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 56 |
| 57 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 58 |
| 59 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 60 |
| 61 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 62 |
| 63 | SPARE | | | | 20/1 | -C- | 20/1 | | | SPARE | | 64 |
| 65 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 66 |
| 67 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 68 |
| 69 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 70 |
| 71 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 72 |
| 73 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 74 |
| 75 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 76 |
| 77 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 78 |
| 79 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 80 |
| 81 | SPARE | | | | 20/1 | -A- | 20/1 | | | SPARE | | 82 |
| 83 | SPARE | | | | 20/1 | -B- | 20/1 | | | SPARE | | 84 |

| CODES: | | CONNECTED LOAD | | CALCULATED DEMAND LOAD | |
|---|---|---|---|---|---|
| H | = HVAC LOADS | 0.00 | kVA | 0.00 | kVA (100%) |
| K | = KITCHEN EQUIPMENT | 103.90 | kVA | 103.90 | kVA (100%) |
| L | = LIGHTING LOADS | 0.00 | kVA | 0.00 | kVA (125%) |
| LM | = LARGEST SINGLE MOTOR | 0.00 | kVA | 0.00 | kVA (125%) |
| M | = OTHER MOTOR LOADS | 0.00 | kVA | 0.00 | kVA (100%) |
| NC | = NON-COINCIDENTAL LOADS | 0.00 | kVA | 0.00 | kVA (0%) |
| R | = GENERAL USE RECEPTACLES | 0.00 | kVA | 0.00 | kVA (50%>10kVA) |
| S | = DEDICATED RECEPTACLES | 0.00 | kVA | 0.00 | kVA (100%) |
| Z | = MISC. OR APPLIANCES | 0.00 | kVA | 0.00 | kVA (100%) |
| | TOTALS: | 103.90 | kVA | 103.90 | kVA |
| | | 288.4 | AMPS | 288 | AMPS |

NOTES:
**1. THIS IS A NEW PANELBOARD. LOAD INDICATED IS FOR TEMPORARY POD.**
**PROVIDE GFCI BREAKERS FOR ALL CIRCUITS.**

## PANEL SCHEDULE — B4/PNL/(K8-R)-NEW

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | Y/ 120 VOLTS | NORMAL POWER | | BUS RATING: | 225 AMPS | | LOCATION: | ROOF (TBD) | SPEC PANEL WITH: | YES | NO |
| 3 | -PHASE | PNL. MFR.: | | MAIN BKR: | MLO | | MOUNTING: | SURFACE | FEED-THRU LUGS | X | |
| 4 | -WIRE | CAT. NO.: | | A.I.C. RATING: | AIC SYM | | FED FROM: | K8 | DOUBLE LUGS | | X |
| | | | | | | | | | 200% NEUTRAL | | X |

| CKT NO. | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CODE | LOAD (kVA) | BKR AMPS | PH | BKR AMPS | LOAD (kVA) | CODE | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CKT NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | H | 3.00 | | -A- | | 2.40 | H | | | 2 |
| 3 | E5A | | H | 3.00 | 40/3 | -B- | 25/3 | 2.40 | H | E11A | | 4 |
| 5 | | | H | 3.00 | | -C- | | 2.40 | H | | | 6 |
| 7 | | | H | 7.20 | | -A- | | 3.60 | H | | | 8 |
| 9 | E7A | | H | 7.20 | 60/3 | -B- | 15/3 | 3.60 | H | E9A | | 10 |
| 11 | | | H | 7.20 | | -C- | | 3.60 | H | | | 12 |
| 13 | | | LM | 2.90 | | -A- | | 0.55 | M | | | 14 |
| 15 | KEF-2 | | LM | 2.90 | 50/3 | -B- | 15/3 | 0.55 | M | DEF-1 | | 16 |
| 17 | | | LM | 2.90 | | -C- | | 0.55 | M | | | 18 |
| 19 | | | | | | -A- | | 1.27 | M | | | 20 |
| 21 | SPARE | | | | 20/3 | -B- | 20/3 | 1.27 | M | EF-4 | | 22 |
| 23 | | | | | | -C- | | 1.27 | M | | | 24 |
| 25 | SPACE | | | | | -A- | | | | SPACE | | 26 |
| 27 | SPACE | | | | | -B- | | | | SPACE | | 28 |
| 29 | SPACE | | | | | -C- | | | | SPACE | | 30 |

| CODES: | | CONNECTED LOAD | | CALCULATED DEMAND LOAD | |
|---|---|---|---|---|---|
| H | = HVAC LOADS | 48.60 | kVA | 48.60 | kVA (100%) |
| K | = KITCHEN EQUIPMENT | 0.00 | kVA | 0.00 | kVA (100%) |
| L | = LIGHTING LOADS | 0.00 | kVA | 0.00 | kVA (125%) |
| LM | = LARGEST SINGLE MOTOR | 8.71 | kVA | 10.89 | kVA (125%) |
| M | = OTHER MOTOR LOADS | 5.47 | kVA | 5.47 | kVA (100%) |
| NC | = NON-COINCIDENTAL LOADS | 0.00 | kVA | 0.00 | kVA (0%) |
| R | = GENERAL USE RECEPTACLES | 0.00 | kVA | 0.00 | kVA (50%>10kVA) |
| S | = DEDICATED RECEPTACLES | 0.00 | kVA | 0.00 | kVA (100%) |
| Z | = MISC. OR APPLIANCES | 0.00 | kVA | 0.00 | kVA (100%) |
| | TOTALS: | 62.78 | kVA | 64.96 | kVA |
| | | 174.3 | AMPS | 180 | AMPS |

NOTES:
**1. THIS IS A NEW PANELBOARD. PROVIDE GFCI BREAKERS FOR ALL CIRCUITS.**

## PANEL SCHEDULE — B4/PNL/2N1/4.1F.4(K8)-NEW

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 208 | Y/ 120 VOLTS | NORMAL POWER | | BUS RATING: | 600 AMPS | | LOCATION: | ELECTRICAL ROOM EXTERIOR | SPEC PANEL WITH: | YES | NO |
| 3 | -PHASE | PNL. MFR.: | | MAIN BKR: | MLO | | MOUNTING: | SURFACE | FEED-THRU LUGS | X | |
| 4 | -WIRE | CAT. NO.: | | A.I.C. RATING: | AIC SYM | | FED FROM: | 200A MAIN SWBD | DOUBLE LUGS | | X |
| | | | | | | | | | 200% NEUTRAL | | X |

| CKT NO. | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CODE | LOAD (kVA) | BKR AMPS | PH | BKR AMPS | LOAD (kVA) | CODE | CIRCUIT DESCRIPTION | LOAD LOCATION (ROOM NO. / GRID) | CKT NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | K | 16.70 | | -A- | | 11.47 | K | | | 2 |
| 3 | E31B | | K | 16.70 | 175/3 | -B- | 125/3 | 11.47 | K | E32-B | | 4 |
| 5 | | | K | 16.70 | | -C- | | 11.47 | K | | | 6 |
| 7 | | | K | 0.57 | | -A- | | 0.57 | K | | | 8 |
| 9 | E10B-1 | | K | 0.57 | 15/3 | -B- | 15/3 | 0.57 | K | E10B-3 | | 10 |
| 11 | | | K | 0.57 | | -C- | | 0.57 | K | | | 12 |
| 13 | SHUNT TRIP FOR E10B-1 | | | | | -A- | | | | SHUNT TRIP FOR E10B-3 | | 14 |
| 15 | | | K | 0.57 | | -B- | | 0.57 | K | | | 16 |
| 17 | E10B-2 | | K | 0.57 | 15/3 | -C- | 15/3 | 0.57 | K | E10B-4 | | 18 |
| 19 | | | K | 0.57 | | -A- | | 0.57 | K | | | 20 |
| 21 | SHUNT TRIP FOR E10B-2 | | | | | -B- | | | | SHUNT TRIP FOR E10B-4 | | 22 |
| 23 | | | K | 1.80 | | -C- | | 2.40 | K | | | 24 |
| 25 | E24A | | K | 1.80 | 20/3 | -A- | 20/3 | 2.40 | K | E28B | | 26 |
| 27 | | | K | 1.80 | | -B- | | 2.40 | K | | | 28 |
| 29 | E29B | | K | 1.55 | 20/2 | -C- | 20/2 | 0.77 | K | E34B | | 30 |
| 31 | | | K | 1.55 | | -A- | | 0.77 | K | | | 32 |
| 33 | E30B | | K | 1.55 | 20/2 | -B- | 20/2 | 0.60 | K | E18A | | 34 |
| 35 | | | K | 1.55 | | -C- | | 0.60 | K | | | 36 |
| 37 | | | | | 20/1 | -A- | 20/2 | | | | | 38 |
| 39 | | | | | 20/1 | -B- | | | | | | 40 |
| 41 | | | | | 20/1 | -C- | 20/1 | | | | | 42 |
| 43 | | | | | 20/1 | -A- | 20/1 | 0.70 | K | E14A | | 44 |
| 45 | | | | | 20/1 | -B- | 20/1 | 1.20 | K | E15A | | 46 |
| 47 | | | | | 20/1 | -C- | 20/1 | 0.80 | K | E15B | | 48 |
| 49 | E22A | | R | 1.90 | 20/1 | -A- | 20/1 | 0.80 | K | E18B | | 50 |
| 51 | E38B | | K | 1.60 | 20/1 | -B- | 20/1 | 0.40 | K | E20B | | 52 |
| 53 | E36B | | K | 0.20 | 20/1 | -C- | 15/1 | 1.20 | K | E33B | | 54 |
| 55 | | | H | 20.93 | | -A- | | | | | | 56 |
| 57 | SUB-PANEL K8-R ON ROOF | | H | 20.93 | 225 | -B- | X/3 | | | SPACE | | 58 |
| 59 | | | H | 20.93 | | -C- | | | | | | 60 |

| CODES: | | CONNECTED LOAD | | CALCULATED DEMAND LOAD | |
|---|---|---|---|---|---|
| H | = HVAC LOADS | 48.60 | kVA | 48.60 | kVA (100%) |
| K | = KITCHEN EQUIPMENT | 119.73 | kVA | 119.73 | kVA (100%) |
| L | = LIGHTING LOADS | 0.00 | kVA | 0.00 | kVA (125%) |
| LM | = LARGEST SINGLE MOTOR | 8.71 | kVA | 10.89 | kVA (125%) |
| M | = OTHER MOTOR LOADS | 5.47 | kVA | 5.47 | kVA (100%) |
| NC | = NON-COINCIDENTAL LOADS | 0.00 | kVA | 0.00 | kVA (0%) |
| R | = GENERAL USE RECEPTACLES | 1.90 | kVA | 1.90 | kVA (50%>10kVA) |
| S | = DEDICATED RECEPTACLES | 0.00 | kVA | 0.00 | kVA (100%) |
| Z | = MISC. OR APPLIANCES | 0.00 | kVA | 0.00 | kVA (100%) |
| | TOTALS: | 184.41 | kVA | 186.59 | kVA |
| | | 511.9 | AMPS | 518 | AMPS |

NOTES:
**1. THIS IS A NEW PANELBOARD. PROVIDE GFCI BREAKERS FOR ALL CIRCUITS.**


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City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

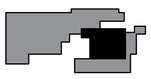
**MultiCare**
**Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

PHASE 1 PERMIT SET 04/24/2025

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|

Job Number

TITLE
**PHASE 1 - PANEL SCHEDULES**

SHEET NUMBER
**E80-03**

ELECTRICAL SET INCLUDED FOR REFERENCE ONLY

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## PLUMBING GENERAL ABBREVIATIONS

| ABBR | FULL NAME | ABBR | FULL NAME | ABBR | FULL NAME |
|---|---|---|---|---|---|
| AAV | AIR ADMITTANCE VALVE | DN | DOWN | NIC | NOT IN CONTRACT |
| ABV | ABOVE | DS | DOWNSPOUT | NSF | NATIONAL SANITATION FOUNDATION |
| AFF | ABOVE FINISHED FLOOR | DWG | DRAWING | NTS | NOT TO SCALE |
| AP | ACCESS PANEL | E | EXISTING | ORD | OVERFLOW ROOF DRAIN |
| BEL | BELOW | ELEV | ELEVATION | POC | POINT OF CONNECTION |
| BFP | BACKFLOW PREVENTER | ET | EXPANSION TANK | PRV | PRESSURE REDUCING VALVE |
| BOP | BOTTOM OF PIPE | EWH | ELECTRIC WATER HEATER | PVC | POLYVINYL CHLORIDE |
| BV | BALL VALVE | F | FIRE | RD | ROOF DRAIN |
| BWV | BACK WATER VALVE | FCO | FLOOR CLEAN OUT | RPBA | REDUCED PRESSURE BACKFLOW ASSY |
| CB | CATCH BASIN | FD | FLOOR DRAIN | TOG | TOP OF GRATE |
| CFF | CAP FOR FUTURE | FU | FIXTURE UNIT | UG | UNDER GROUND |
| CI | CAST IRON | GCO | GRADE CLEANOUT | UNO | UNLESS NOTED OTHERWISE |
| CL | CENTER LINE | GI | GREASE INTERCEPTOR | VTR | VENT THRU ROOF |
| CO | CLEAN OUT | GPM | GALLONS PER MINUTE | WI | WITH |
| CPVC | CPVC MATERIAL | GWH | GAS WATER HEATER | WCO | WALL CLEAN OUT |
| DCBP | DOUBLE CHECK BACKFLOW PREVENTER | HB | HOSE BIBB | WH | WALL HYDRANT |
| DCVA | DOUBLE CHECK VALVE ASSEMBLY | HP | HIGH PRESSURE | WHA | WATER HAMMER ARRESTOR |
| DCW | DOMESTIC COLD WATER | IE | INVERT ELEVATION | WM | WATER METER |
| DHW | DOMESTIC HOT WATER | MFR | MANUFACTURER | WSFU | WATER SERVICE FIXTURE UNIT |
| DEMO | DEMOLISH | MH | MANHOLE | YH | YARD HYDRANT |
| DFU | DRAINAGE FIXTURE UNIT | | | | |

## PLUMBING SYSTEM LEGEND

| LINE TYPE | FULL NAME | ABBR | LINE TYPE | FULL NAME | ABBR |
|---|---|---|---|---|---|
| **DOMESTIC WATER** | | | **SANITARY SEWER** | | |
| DCW | DOMESTIC COLD WATER | CW | GD | GARAGE DRAIN | GD |
| DHW | DOMESTIC HOT WATER | HW | GW | GREASE WASTE | GW |
| DHWC | DOMESTIC HOT WATER CIRC | HWC | IW | INDIRECT WASTE | IW |
| HP | DOMESTIC COLD, HIGH PRESSURE | CW-HP | PW | PUMPED WASTE | PW |
| HP | DOMESTIC HOT, HIGH PRESSURE | HW-HP | V | SANITARY VENT | V |
| HP | DOMESTIC HOT CIRC, HIGH PRESSURE | HWC-HP | W | SANITARY WASTE | W |
| HT | DOMESTIC HOT, HIGH TEMP (>140) | HW-HT | | | |
| HT | DOMESTIC HOT CIRC, HIGH TEMP (>140) | HWC-HT | **STORM** | | |
| FW | FILTERED WATER | FW | FTDR | FOOTING DRAIN | FTDR |
| TW | TEMPERED WATER | TW | ORL | OVERFLOW RAIN LEADER | ORL |
| TWC | TEMPERED WATER CIRC | TWC | RL | RAIN LEADER | RL |
| TP | TRAP PRIMER | TP | PRL | PUMPED RAIN LEADER | PRL |
| **FUEL GASES** | | | | | |
| NG-L | NATURAL GAS LOW PRESSURE | NG-L | | | |
| NG-M | NATURAL GAS MEDIUM PRESSURE | NG-M | | | |
| NG-H | NATURAL GAS HIGH PRESSURE | NG-H | | | |
| NG-V | GAS VENT | NG-V | | | |
| LPG | LIQUID PROPANE GAS | LPG | | | |
| FLU | FLUE VENT | FLU | | | |
| COMB | COMBUSTION AIR | COMB | | | |

## PLUMBING SYSTEM LEGEND

| SYMBOL | FULL NAME | ABBR | SYMBOL | FULL NAME | ABBR |
|---|---|---|---|---|---|
| | VALVE TWO-WAY CONTROL | 2WAY | W | PIPE - EXISTING | |
| | VALVE THREE-WAY CONTROL | 3WAY | W | PIPE - DEMO | |
| AF | VALVE AUTOMATIC FLOW CONTROL | AF | W | PIPE - NEW | |
| BWV | VALVE BACKWATER VALVE | BWV | W | PIPE - FUTURE | |
| | VALVE BALANCING | BALV | 6" W | PIPE - SIZE & ABBREVIATION | |
| | VALVE BALANCING AUTOMATIC | ABALV | 6" DHW-W | PIPE - SIZE & ABBREVIATION WITH INSULATION | |
| | VALVE BALL - FULL PORTED | BV | | FLEX PIPE | |
| | VALVE BALL - W/ 3/4" HOSE ADAPTOR | BV W/ HA | | PIPE - HEAT TRACE | |
| | VALVE CHECK | CV | | PUMP | |
| | VALVE GAS COCK | GC | | EXPANSION TANK | ET |
| | VALVE GATE | GV | | 60° OFFSET FOR SUDS | 60° OFST |
| | VALVE GLOBE | GLV | | DOMESTIC PEX MANIFOLD | MFLD |
| | VALVE PRESSURE REDUCING | PRV | | PLUMBING TRAP | TRAP |
| | VALVE PRESSURE RELIEF | RV | FLTR-1 | PLUMBING FIXTURE N.I.C. TAG | |
| | VALVE SOLENOID | SV | WC-1 | PLUMBING FIXTURE TAG | |
| | WATER HAMMER ARRESTOR | WHA | | PLUMBING FIXTURE | |
| | DOUBLE CHECK BACKFLOW PREVENTER | DCBP | WH-1 | PLUMBING EQUIPMENT TAG | |
| | REDUCED PRESS. BACKFLOW PREVENTER | RPBP | 1/2% SLOPE | 1/16" PER FOOT PIPE SLOPE | |
| P | PRESSURE INDICATOR | PRESS | 1%SLOPE | 1/8" PER FOOT PIPE SLOPE | |
| | TEMPERATURE INDICATOR | THERM | 2% SLOPE | 1/4" PER FOOT PIPE SLOPE (TYP. UNO) | |
| M | SUB-METER WATER FLOW | MTR | | VENT THROUGH ROOF | VTR |
| | PRESSURE / TEMPERATURE PORT | P&T | | FLOOR CLEANOUT | FCO |
| | STRAINER | STRN | | WALL CLEANOUT | WCO |
| | UNION | UNION | | FLOOR DRAINS | FD |
| | HOSE BIBB | HB | | FLOOR SINKS | FS |
| | PIPE BREAK - PIG TAIL | | | ROOF DRAIN (RISER) | RD |
| | POINT OF CONNECTION | POC | | OVER-FLOW DRAIN (RISER) | OD |
| | FLOW ARROW | | | ROOF, OVERFLOW, & COMBINATION DRAINS | OD/RD |
| | CONCENTRIC REDUCER | CR | | PLANTER DRAIN | |
| | THERMAL EXPANSION DEVICE | EXP | | | |

## PLUMBING EQUIPMENT SCHEDULE

| NO. | EQUIPMENT DESCRIPTION |
|---|---|
| SA-A | SHOCK ARRESTOR - SIOUX CHIEF 652-A, PDI RATED SIZE A, 1/2" THREADED CONNECTION, SEALED CHAMBER WITH PISTON RATED FOR WALL CLOSURE. |
| TP-1 | TRAP PRIMER - PRECISION PLUMBING PRODUCTS MODEL MP-500-115V, MINI-PRIME ELECTRONIC TRAP PRIMER, 115 VOLT/1 PHASE, ADJUSTABLE RECYCLE TIMER, SOLENOID OPERATED, WITH AIR GAP. MAX 4 DRAINS. HORIZONTAL LINES SLOPE TO DRAIN. MAX 20' RECOMMENDED. ELECTRICAL TO PROVIDE DISCONNECT. |

## BALANCING VALVE & CIRCUIT BALANCING VALVE SCHEDULE

| UNIT NO. | MFR. MODEL NO. | VALVE SIZE | GPM | VALVE POSITION | Cv RATING FULL OPEN | PRESSURE DROP IN PSI | NOTES |
|---|---|---|---|---|---|---|---|
| BV-1 | VICTAULIC TA SERIES 788L | 3/4" | 0.94-12.48 | 1-20 | 6.67 | ? PSI | 1, 2 |
| BV-2 | VICTAULIC TA SERIES 788L | 1" | 1.56-19.30 | 1-20 | 10.32 | ? PSI | 1, 2 |
| BV-3 | VICTAULIC TA SERIES 788L | 2" | 6.18-85.00 | 1-20 | 45.3 | ? PSI | 1, 2 |
| CBV-1 | CIRCUIT SOLVER CSUAS-1/2-115-CV1 | 1/2" | 0.50 | FACTORY SET | 0.6 | .69 (1.60' TDH) | 1, 2, 3 |
| CBV-2 | B&G CIRCUIT SETTER PLUS RF-1/2S LF | 1/2" | 1/2 | FIELD SET | | | 2, 4, 5 |

NOTES:
1. THREADED CONNECTION.
2. COMPLIES WITH NSF/ANSI STANDARD 61 FOR LEAD CONTENT.
3. INCLUDES FACTORY SUPPLIED STRAINER, CHECK VALVE, (2) SHUT-OFF VALVES AND UNION.
4. SWEAT CONNECTION.
5. INCLUDES FACTORY SUPPLIED CAPPED READOUT VALVES, CHECK VALVES AND DRAIN PORT.

## BACKFLOW PREVENTER SCHEDULE

| SYMBOL | LOCATION | TYPE | SYSTEM SERVICED | MFR. & MODEL NO. | SIZE | AIR GAP MODEL | MAX DESIGN FLOW PRESSURELOSS | WEIGHT (LBS) | NOTES |
|---|---|---|---|---|---|---|---|---|---|
| BFP-01 | KITCHEN | REDUCED PRESSURE | - | WATTS LF009-QT-FS | 1/2" | 909AGA | 17 PSI @ 5 GPM | 6 | 1, 2 |
| BFP-02 | KITCHEN | REDUCED PRESSURE | - | WATTS LF009-QT-FS | 3/4" | 909AGC | 13 PSI @ 3-20 GPM | 8 | 1, 2 |
| BFP-03 | KITCHEN | DOUBLE CHECK | - | WATTS LF007QT-FZ | 1/2" | - | 3 PSI @ 10-40 GPM | 5 | 3 |

A

NOTES:
1. PROVIDE WITH PRESSURE DIFFERENTIAL RELIEF VALVE LOCATED BETWEEN TWO INDEPENDENTLY OPERATED SPRING LOADED CHECK VALVES, TWO RESILIENT SEAT BALL VALVES AND FOUR RESILIENT SEATED BALL TEST COCKS, AND A "Y" STRAINER. W/ AIR GAP.
2. BRONZE CONSTRUCTION, ASSE 1013 & NSF-61 LISTED.
3. BRONZE CONSTRUCTION, ASSE 1015 & NSF-61 LISTED.

## MIXING VALVE SCHEDULE

| UNIT NO. | LOCATION | SERVICE | MFR. & MODEL NO. | TYPE | INLET SIZE | OUTLET SIZE | OUTLET TEMP | GPM RANGE | PSI LOSS | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|
| MV-1 | AT ALL LAVS | DOMESTIC LAVS | WATTS LFUSG-B-M2 | THERMOSTATIC | 1/2" | 1/2" | 105°F | 0.35-1 | - | 1, 2 |
| MV-2 | | | | | | | | | | |

NOTES:
1. POINT OF USE, ASSE 1070 VALVE, W/ TAMPER RESISTANT LOCKING CAP
2. BRONZE CONSTRUCTION.

## 2021 WASHINGTON STATE ENERGY CODE COMMISSIONING AND BALANCING SCHEDULE

COMMISSIONING IN COMPLIANCE WITH 2021 WASHINGTON STATE ENERGY CODE (WSEC) SECTION C408 SHALL BE REQUIRED FOR ALL NEW SYSTEMS OR MODIFIED PORTIONS OF SYSTEMS UNLESS THE SYSTEMS MEET ONE OR MORE OF THE FOLLOWING EXCEPTIONS:

EXCEPTION 2: SERVICE WATER HEATING SYSTEMS IN BUILDINGS WITH SERVICE WATER HEATING SYSTEMS CAPACITY LESS THAN 200,000 BTU/H AND THERE ARE NO POOLS OR
PERMANENT SPAS, SOLAR THERMAL HEATING, RECIRCULATION PUMPS, AND HEAT PUMP WATER HEATERS (EXCEPT PACKAGED UNITS FOR RESIDENTIAL USE).

EXCEPTION 4: REFRIGERATION SYSTEMS LIMITED TO SELF CONTAINED UNITS.

THE COMMISSIONING PROFESSIONAL MUST MEET ONE OF THESE MINIMUM REQUIREMENTS:
1) AN INDIVIDUAL WHO IS CERTIFIED BY AN ANSI/ISO/IEC 17024:2012 ACCREDITED ORGANIZATION TO LEAD, PLAN, COORDINATE AND MANAGE COMMISSIONING TEAMS AND IMPLEMENT THE COMMISSIONING PROCESS.

THE COMMISSIONING PROFESSIONAL SHALL PERFORM THE FOLLOWING TASKS:
1) DEVELOPMENT AND EXECUTION OF THE COMMISIONING PLAN, INCLUDING ALL SUBSECTIONS OF WSEC SECTION C408.1.2.
2) REVIEW OF BUILDING DOCUMENTATION AND CLOSE OUT SUBMITTALS.
3) PREPAIRING THE FINAL COMMISSIONING REPORT IN ACCORDANCE WITH WSEC SECTION C408.1.3.

ALL EQUIPMENT/SYSTEMS LISTED IN DRAWING EQUIPMENT SCHEDULES SHALL BE COMMISSIONED UNLESS LISTED AS AN EXCEPTION WITHIN THIS SCHEDULE.

WHERE THE CERTIFIED COMMISSIONING PROFESSIONAL'S CONTRACT OR EMPLOYMENT IS OTHER THAN DIRECTLY WITH THE BUILDING OWNER, AN IN-HOUSE COMMISSIONING DISCLOSURE AND CONFLICT MANAGEMENT PLAN SHALL BE A PART OF THE COMMISSIONING PROCESS. A COPY SHALL BE INCLUDED IN THE COMMISSIONING PLAN. THIS PLAN SHALL DISCLOSE THE CERTIFIED COMMISSIONING PROFESSIONAL'S CONTRACTUAL RELATIONSHIP WITH OTHER TEAM MEMBERS AND PROVIDE A CONFLICT MANAGEMENT PLAN DEMONSTRATING THAT THE CERTIFIED COMMISSIONING PROFESSIONAL IS FREE TO IDENTIFY ANY ISSUES DISCOVERED AND REPORT DIRECTLY TO THE OWNER.

FUNCTIONAL PERFORMANCE TESTING SHALL BE CONDUCTED FOR MECHANICAL SYSTEMS IN WSEC SECTIONS C403; SERVICE WATER HEATING SYSTEMS IN WSEC SECTION C404; EQUIPMENT, APPLIANCES AND SYSTEMS INSTALLED TO COMPLY WITH WSEC SECTION C406 OR C407; ENERGY METERING IN WSEC SECTION C409; AND REFRIGERATION SYSTEMS IN WSEC SECTION C410. WRITTEN PROCEDURES WHICH CLEARLY DESCRIBE THE INDIVIDUAL SYSTEMATIC TEST PROCEDURES, THE EXPECTED SYSTEM RESPONSE OR ACCEPTANCE CRITERIA FOR EACH PROCEDURE, THE ACTUAL RESPONSE OR FINDINGS, AND ANY PERTINENT DISCUSSION SHALL BE FOLLOWED. THIS TESTING SHALL INCLUDE CONTROL SYSTEMS WHICH WILL BE TESTED TO DOCUMENT THAT CONTROL DEVICES, COMPONENTS, EQUIPMENT, AND SYSTEMS ARE CALIBRATED AND ADJUSTED TO OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL AFFIRM THE CONDITIONS REQUIRED WITHIN WSEC SECTIONS C408.2 THROUGH C408.7 UNDER SYSTEM TESTING.

FOR PROJECTS WITH SEVEN OR FEWER SIMILAR SYSTEMS, EACH SYSTEM SHALL BE TESTED. FOR PROJECTS WITH MORE THAN SEVEN SYSTEMS, TESTING SHALL BE DONE FOR EACH UNIQUE COMBINATION OF CONTROLS TYPE. WHERE MULTIPLES OF EACH UNIQUE COMBINATION OF CONTROL TYPES EXIST, NO FEWER THAN 20 PERCENT OF EACH COMBINATION SHALL BE TESTED UNLESS THE CODE OFFICIAL OR DESIGN PROFESSIONAL REQUIRES A HIGHER PERCENTAGE TO BE TESTED. WHERE 30 PERCENT OR MORE OF THE TESTED SYSTEMS FAIL, ALL REMAINING IDENTICAL COMBINATIONS SHALL BE TESTED.

A COMMISSIONING REPORT SHALL BE COMPLETED AND CERTIFIED BY THE CERTIFIED COMMISSIONING PROFESSIONAL AND DELIVERED TO THE BUILDING OWNER OR OWNER'S AUTHORIZED AGENT. THE REPORT SHALL BE ORGANIZED WITH MECHANICAL, SERVICE WATER HEATING, CONTROLLED RECEPTACLE AND LIGHTING CONTROL SYSTEMS, ENERGY METERING, AND REFRIGERATION FINDINGS IN SEPARATE SECTIONS TO ALLOW INDEPENDENT REVIEW. THE REPORT SHALL RECORD THE ACTIVITIES AND RESULTS OF THE COMMISSIONING PROCESS AND BE DEVELOPED FROM THE FINAL COMMISSIONING PLAN WITH ALL OF ITS ATTACHED APPENDICES. THE REPORT SHALL INCLUDE:

1) RESULTS OF FUNCTIONAL PERFORMANCE TESTS.
2) DISPOSITION OF DEFICIENCIES FOUND DURING TESTING, INCLUDING DETAILS OF CORRECTIVE MEASURES USED OR PROPOSED.
3) FUNCTIONAL PERFORMANCE TEST PROCEDURES USED DURING THE COMMISIONING PROCESS INCLUDING MEASURABLE CRITERIA FOR TEST ACCEPTANCE, PROVIDED HEREIN REPEATABILITY.
4) COMMISIONING PLAN.
5) TESTING, ADJUSTING AND BALANCING REPORTS.

EXCEPTION: DEFERRED TESTS WHICH CANNOT BE PERFORMED AT THE TIME OF REPORT PREPARATION DUE TO CLIMATE CONDITIONS.

PRIOR TO THE FINAL MECHANICAL AND PLUMBING INSPECTIONS OR OBTAINING A CERTIFICATE OF OCCUPANCY, THE CERTIFIED COMMISSIONING PROFESSIONAL SHALL PROVIDE EVIDENCE OF BUILDING COMMISSIONING IN ACCORDANCE WITH WSEC SECTION C408.1.4.1.

THE CODE OFFICIAL SHALL BE PERMITTED TO REQUIRE THAT A COPY OF THE COMMISSIONING REPORT BE MADE AVAILABLE FOR REVIEW BY THE CODE OFFICIAL.

MECHANICAL EQUIPMENT AND CONTROLS SUBJECT TO WSEC SECTION C403 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY SECTION C408.1. THE COMMISSIONING PROCESS SHALL MINIMALLY INCLUDE ALL ENERGY CODE REQUIREMENTS FOR WHICH THE CODE STATES THAT EQUIPMENT OR CONTROLS SHALL "BE CAPABLE OF" OR "CONFIGURED TO" PERFORM SPECIFIC FUNCTIONS.

SERVICE WATER HEATING EQUIPMENT AND CONTROLS SUBJECT TO WSEC SECTION C404 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1. THE COMMISSIONING PROCESS SHALL MINIMALLY INCLUDE EQUIPMENT AND COMPONENTS INSTALLED TO MEET ALL ENERGY CODE REQUIREMENTS FOR DEVICES TO "START," "AUTOMATICALLY TURN OFF," "AUTOMATICALLY ADJUST," "LIMIT OPERATION," AND "LIMIT THE TEMPERATURE" AND "BE CONFIGURED TO."

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT HEATERS, PIPING, DISTRIBUTION SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL INCLUDE THE SEQUENCE OF OPERATION, AND BE CONDUCTED UNDER AT LEAST 50 PERCENT WATER HEATING LOAD, PART-LOAD AND THE FOLLOWING CONDITIONS:
1) NORMAL OPERATION.
2) REDUNDANT OR AUTOMATIC BACK-UP MODE.
3) PERFORMANCE OF ALARMS.
4) MODE OF OPERATION UPON LOSS OF POWER AND RESTORATION OF POWER.

EQUIPMENT, COMPONENTS, CONTROLS OR CONFIGURATION SETTINGS FOR SYSTEMS WHICH ARE INCLUDED IN THE PROJECT TO COMPLY WITH WSEC SECTIONS C406 OR C407 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1.

FUNCTIONAL PERFORMANCE TESTING FOR THESE APPLIANCES, EQUIPMENT, COMPONENTS, CONTROLS AND/OR CONFIGURATION SETTINGS SHALL DEMONSTRATE OPERATION, FUNCTION AND MAINTENANCE SERVICEABILITY FOR EACH OF THE COMMISSIONED SYSTEMS IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.

ENERGY METERING SYSTEMS REQUIRED BY SECTION C409 SHALL COMPLY WITH WSEC SECTION C408.6 AND BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY SECTION C408.1. THE COMMISSIONING PROCESS SHALL INCLUDE ALL ENERGY METERING EQUIPMENT AND CONTROLS REQUIRED BY WSEC SECTION C409.

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT ENERGY SOURCE METERS, END-USE METERS, DATA ACQUISITION SYSTEMS, AND ENERGY DISPLAYS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. AT A MINIMUM, TESTING SHALL CONFIRM THAT:
1) THE METERING SYSTEM DEVICES AND COMPONENTS WORK PROPERLY UNDER LOW AND HIGH LOAD CONDITIONS.
2) THE METERED DATA IS DELIVERED IN A FORMAT THAT IS COMPATIBLE WITH THE DATA COLLECTION SYSTEM.
3) THE ENERGY DISPLAY IS IN A LOCATION WITH ACCESS TO BUILDING OPERATION AND MANAGEMENT PERSONNEL.
4) THE ENERGY DISPLAY MEETS CODE REQUIREMENTS REGARDING VIEWS REQUIRED IN SECTION C409.4.3. THE DISPLAY SHOWS ENERGY DATA IN IDENTICAL UNITS (E.G., KWH).

ALL INSTALLED REFRIGERATION SYSTEMS SUBJECT TO WSEC SECTION C410 SHALL BE INCLUDED IN THE COMMISSIONING PROCESS REQUIRED BY WSEC SECTION C408.1.
EXCEPTIONS: SELF-CONTAINED REFRIGERATION SYSTEMS ARE EXEMPT FROM THE COMMISSIONING PROCESS FOR TOTAL INSTALLED CAPACITY FOR REFRIGERATION IS EQUAL TO OR LESS THAN 240 KBTU/H.

FUNCTIONAL PERFORMANCE TESTING SHALL DEMONSTRATE THAT COMPRESSORS, HEAT EXCHANGERS, PIPING, DISTRIBUTION SYSTEMS, AND SYSTEM-TO-SYSTEM INTERFACING RELATIONSHIPS ARE INSTALLED AND OPERATE IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS. TESTING SHALL INCLUDE THE SEQUENCE OF OPERATION AND BE CONDUCTED UNDER FULL LOAD, PART LOAD AND THE FOLLOWING CONDITIONS:
1) NORMAL MODE.
2) REDUNDANT OR AUTOMATIC BACK-UP MODE.
3) PERFORMANCE OF ALARMS.
4) MODE OF OPERATION UPON LOSS OF POWER AND RESTORATION OF POWER.

## FIXTURE CONNECTION SCHEDULE

| NO. | FIXTURE | LOCAL CONNECTION WASTE | VENT | HOT | COLD |
|---|---|---|---|---|---|
| KS-1 | ADA KITCHEN SINK - ELKAY DAYTON D12521-3 SELF-RIMMING STAINLESS STEEL SINGLE COMPARTMENT 3 HOLE SINK, W/ELKAY LK1000CR SINGLE HANDLE FAUCET SWING SPOUT, 1.5 GPM, BRASSCRAFT G2CR19 STOPS, FLUIDMASTER B1F20 20" CONNECTORS, 1/2 HP BADGER 5 GARBAGE DISPOSER, 115V/1PH, ELECTRICAL TO PROVIDE SWITCHED RECEPTACLE BELOW SINK. | 2" | 1 1/2" | 1/2" | 1/2" |
| KS-2 | KITCHEN SINK - RELOCATED EXISTING SINK, EXISTING FAUCET, DRAIN, TAILPIECE & STOPS TO BE REUSED. | 2" | 1 1/2" | 1/2" | 1/2" |

## DRAIN CONNECTION SCHEDULE

| NO. | DRAIN DESCRIPTION | LOCAL CONNECTION WASTE | VENT | STORM |
|---|---|---|---|---|
| FF-1 | FUNNEL FLOOR DRAIN - WATTS FD-102-A7-7 WITH F4-1, EPOXY COATED CAST IRON BODY WITH ANCHOR FLANGE, 7" ROUND ADJUSTABLE NICKEL BRONZE STRAINER, REVERSIBLE CLAMPING COLLAR WITH WEEPHOLES AND 4" ROUND NICKEL BRONZE FUNNEL. WITH TRAP PRIMER. | 2" | 2" | - |
| FD-1 | FLOOR DRAIN - WATTS FD-323-7, EPOXY COATED CAST IRON BODY WITH ANCHOR FLANGE, BODY COLLAR WITH WEEPHOLES AND 8" DIA ADJUSTABLE TOP WITH DUCTILE IRON GRATE. WITH TRAP PRIMER. | 3" | 2" | - |
| FS-1 | FLOOR SINK - WATTS FS-722-150, 8" ROUND x 6" DEEP, CAST IRON WITH A.R.E. INTERIOR & GRATE, 1/2 GRATE, AND ANTI-SPLASH POLYPROPYLENE BOTTOM DOME STRAINER. INSTALL FLOOD LEVEL RIM FLUSH WITH FIN FLR. WITHOUT TRAP PRIMER. | 2" | 2" | - |
| FS-2 | FLOOR SINK - WATTS FS-763-150, 12" ROUND x 8" DEEP, CAST IRON WITH A.R.E. INTERIOR & GRATE, 1/2 GRATE AND ANTI-SPLASH POLYPROPYLENE BOTTOM DOME STRAINER, INSTALL FLOOD LEVEL RIM FLUSH WITH FIN FLR. WITHOUT TRAP PRIMER. | 3" | 2" | - |

## PLUMBING GENERAL NOTES - WASHINGTON

1. THIS PROJECT WAS DESIGNED UNDER THE FOLLOWING CODES:
   - 2021 UNIFORM PLUMBING CODE WITH WASHINGTON STATE AMENDMENTS (UPC)
   - 2021 WASHINGTON STATE FUEL GAS CODE (WSFGC)
   - 2021 WASHINGTON STATE ENERGY CODE (WSEC)
   - 2021 WASHINGTON STATE BUILDING CODE (WSBC)

   MATERIALS, METHODS AND INSTALLATION SHALL COMPLY WITH THESE PROVISIONS.
2. WATER SYSTEM IS DESIGNED PER THE FOLLOWING PARAMETERS AND REQUIREMENTS:
   -STATIC WATER PRESSURE TO FIXTURES SHALL NOT EXCEED 80 PSIG (60lb.2)
   -DESIGNED MAXIMUM DOW VELOCITIES SHALL NOT EXCEED 8 FPS & DHW SHALL NOT EXCEED 5 FPS (610.6 and 610.12)
   -PRESSURE LOSSES FOR IN-LINE DEVICES HAVE BEEN INCLUDED IN THE ABOVE PRESSURE CALCULATIONS (610.2)
   -WATER SIZING IS AS PER APPENDIX A (Table 103.1)
   -WATER CONNECTIONS TO MECHANICAL EQUIPMENT, STEAM PRODUCING EQUIPMENT, DISHWASHERS THAT INJECT DETERGENT INTO THE WATER LINE, CARBONATORS, OR ANY OTHER CONDITION WHERE A CROSS CONNECTION OF THE MAIN WATER SYSTEM MAY OCCUR, A REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY AND ASSOCIATED DRAIN PIPING MUST BE PROVIDED.
   -WATER DISINFECTION TEST SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 609.9 PRIOR TO FINAL APPROVAL OF PLUMBING PERMIT.
   -ALL ITEMS IN THE DOMESTIC WATER DISTRIBUTION SYSTEM MUST SHOW COMPLIANCE WITH NSF-61 LEAD FREE REQUIREMENTS. DOCUMENTATION MUST BE AVAILABLE ON SITE.
   -PROVIDE WATER PIPING IDENTIFICATION ON PIPING PER TABLE 601.3.2.
   -LIMITATION OF HOT WATER TEMPERATURE TO PLUMBING FIXTURES SHALL BE IN ACCORDANCE WITH UPC CHAPTER 4 .
3. THESE PLANS ARE SCHEMATIC AND DO NOT SHOW EXACT ROUTING OR EVERY OFFSET WHICH MAY BE REQUIRED. THE PLUMBING CONTRACTOR IS TO COORDINATE WITH ALL OTHER TRADES AND IS TO VERIFY ALL CLEARANCES BEFORE COMMENCING WORK.
4. ALL PIPE SIZES NOTED ON DRAWINGS ARE MINIMUMS.
5. SLOPE ALL RAIN LEADER, STORM, AND WASTE PIPING AT 2% UNLESS OTHERWISE NOTED ON DRAWINGS. OBTAIN APPROVAL FROM CODE AUTHORITY BEFORE INSTALLING WASTE PIPING AT LESS THAN 2% (EVEN IF LESSER SLOPE IS INDICATED ON DRAWINGS).
6. HANGERS AND SUPPORTS FOR PIPING SHALL BE IN ACCORDANCE WITH SECTION 313 AND TABLES 313.3 AND 313.6 OF THE 2021 UNIFORM PLUMBING CODE WITH WASHINGTON STATE AMENDMENTS.
7. PIPING PENETRATIONS OF FIRE RATED WALLS OR FLOORS SHALL BE SLEEVED AND FIRE STOPPED WITH LISTED MATERIALS SO AS TO MAINTAIN THE INTEGRITY AND RATING OF THE FLOOR OR WALL.
8. FOR EXACT ROUGH-IN LOCATIONS AND ELEVATIONS OF PLUMBING FIXTURES REFER TO ARCHITECTURAL DRAWINGS.
9. PROVIDE STOPS OR ANGLE VALVES AT ALL FIXTURES
10. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.
11. PROVIDE DIELECTRIC CONNECTIONS BETWEEN DISSIMILAR METALS.
12. CLEANOUTS SHALL BE INSTALLED SO THEY ARE EASILY ACCESSIBLE.
13. PLUMBING EQUIPMENT, VALVES AND TRAP PRIMERS SHALL BE LOCATED IN EASILY ACCESSIBLE LOCATIONS. UNLESS SHOWN ON ARCHITECTURAL DRAWINGS, REQUIRED ACCESS PANELS SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR AND INSTALLED BY THE GENERAL CONTRACTOR.
14. FLOORS SHALL SLOPE TO FLOOR DRAINS WHERE DRAINAGE OCCURS ON A REGULAR BASIS. PLUMBER TO COORDINATE WITH GENERAL CONTRACTOR FOR EXACT ELEVATION OF DRAIN. (EXAMPLES TOILET ROOMS, KITCHENS AND LAUNDRY ROOMS)
15. THE PLUMBER SHALL PROVIDE AND LOCATE ALL REQUIRED FLOOR, WALL, AND FOOTING SLEEVES.
16. HEAT TRACING OF PIPING, WHERE INDICATED, SHALL BE PROVIDED AND INSTALLED BY THE PLUMBING CONTRACTOR. THE PLUMBING CONTRACTOR IS TO COORDINATE THE HEAT TRACE WIRING SUPPLY WITH THE ELECTRICAL CONTRACTOR.
17. TRENCHING, BACKFILLING, AND COMPACTING FOR UNDERGROUND PIPING SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR UNLESS STATED OTHERWISE IN CONTRACT DOCUMENTS.
18. PIPING BURIED IN THE SLAB TO HAVE A PROTECTIVE SLEEVE.
19. PROVIDE EARTHQUAKE RESTRAINT FOR PLUMBING PIPING AND EQUIPMENT IN ACCORDANCE WITH SECTION 1613 OF THE 2021 IBC AND ASCE 7.
20. VENTS FROM FLOOR MOUNTED FIXTURES SHALL RISE VERTICALLY TO AT LEAST 6" ABOVE THE FLOOD RIM OF THE FIXTURE, UNLESS STRUCTURAL CONDITIONS PROHIBIT A CONTINUOUS VENT. WHERE A "FLAT VENT" IS USED, IT SHALL BE INSTALLED WITH DRAINAGE FITTINGS AND SLOPE BACK TO THE FIXTURE AT STANDARD 2% SLOPE.

## PIPING INSULATION SCHEDULE - WASHINGTON

| PIPING TYPE | PIPE SIZE | INSULATION TYPE | INSULATION THICKNESS | CONDUCTIVITY RANGE |
|---|---|---|---|---|
| UNDERSIDE OF ROOF DRAIN BODIES | ALL | FIBERGLASS | 1/2" | - |
| OVERHEAD RAIN LEADERS | ALL | FIBERGLASS | 1/2" | - |
| VERTICAL RAIN LEADERS | | NOT REQUIRED | | |
| OVERFLOW RAIN LEADERS FIRST 10' | ALL | FIBERGLASS | 1/2" | - |
| COLD WATER OVERHEAD AND EXPOSED TO SIGHT | ALL | FIBERGLASS | 1" | 0.21 - 0.27 |
| COLD WATER WITHIN WALLS AND SHAFTS | | NOT REQUIRED | | |
| RECIRCULATED HOT WATER (105°F TO 140°F) | 1/2" - 1-1/4" | FIBERGLASS | 2" | 0.21 - 0.28 |
| | 1-1/2" - 6" | FIBERGLASS | 2-1/2" | 0.21 - 0.28 |
| UNCIRCULATED HOT WATER PIPING (105°F TO 140°F) | 1/2" - 1-1/4" | FIBERGLASS | 1" | 0.21 - 0.28 |
| | 1-1/2" - 6" | FIBERGLASS | 1-1/2" | 0.21 - 0.28 |
| RECIRCULATED HOT WATER (141°F TO 200°F) | 1/2" - 1-1/4" | FIBERGLASS | 2-1/2" | 0.25 - 0.29 |
| | 1-1/2" - 6" | FIBERGLASS | 3" | 0.25 - 0.29 |
| UNCIRCULATED HOT WATER PIPING (141°F TO 200°F) | 1/2" - 1-1/4" | FIBERGLASS | 1-1/2" | 0.25 - 0.29 |
| | 1-1/2" - 6" | FIBERGLASS | 2" | 0.25 - 0.29 |
| HOT WATER UNDERGROUND | 1/2" - 2" | THERMA-CEL | 1" | 0.21 - 0.28 |
| HORIZONTAL COIL CONDENSATE PIPING | ALL | ARMAFLEX | 1/2" | |

- ALL HOT WATER PIPING INSULATION SHALL MEET THE REQUIREMENTS OF THE WASHINGTON STATE ENERGY CODE, 2021 EDITION, TABLE C403.10.3.
- ALL PIPING INSULATION AND COVERINGS SHALL HAVE AN ASTM FLAME SPREAD RATING OF 25 OR LESS AND AN ASTM SMOKE DEVELOPED RATING OF 50 OR LESS.
- ELASTOMERIC INSULATIONS WHICH MEET THESE RATINGS MAY BE USED AS A SUBSTITUTE FOR FIBERGLASS.
- PROVIDE A VAPOR BARRIER COVERING ON ALL ROOF DRAIN, RAIN LEADER, AND COLD WATER PIPING INSULATION.
- INSULATE THE OVERFLOW DRAIN BODY AND PIPE 10 FEET DOWN STREAM FROM THE DRAIN.
- PRO

## GREASE INTERCEPTOR SCHEDULE

| SYMBOL | LOCATION & SERVICE | TYPE | MFR & MODEL NO. | IN/OUT SIZE | VENT SIZE | FLOW RATE | GREASE CAP (LBS) | WATER CAPACITY | OPER WEIGHT (LBS) | SIZE LxWxH | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| GI-1 | MECHANICAL ROOM | HYDRO-MECHANICAL | SCHIER GB-500-B | 4" | 4" | 100 GPM | 2,948 | 500 GAL | 4,706 | 95"x46"x39" | 1, 2, 3, 4 |
| GI-2 | MECHANICAL ROOM | HYDRO-MECHANICAL | SCHIER GB-500-B | 4" | 4" | 100 GPM | 2,948 | 500 GAL | 4,706 | 95"x46"x39" | 1, 2, 3, 4 |

NOTES:
1. POLYETHYLENE BODY, POLYPROPYLENE COVER.
2. PROVIDE PP3 PUMP OUT PORT/KIT.
2. PROVIDE SV10 SAMPLING PORT.
3. INDOOR INSTALLATION ONLY.
4. INTERCEPTOR TO BE CERTIFIED TO ASME A112.14.3 (TYPE D) AND CSA B481.1 AS WELL AS CERTIFIED TO IAPMO/ANSI Z1001-2021.

## FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE - PHASE 1 AREA A

| NO. | DESCRIPTION | DRAINAGE | | | | | | COLD WATER | | | | HOT WATER | | | | | NATURAL GAS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SANITARY WASTE (DIRECT) | SANITARY WASTE (INDIRECT) | GREASE WASTE (DIRECT) | GREASE WASTE (INDIRECT) | DRAIN DISCHARGE (GPM) | VENT SIZE | PIPE SIZE | FILTERED WATER PIPE SIZE | GPM | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | GPM | GPH | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | MBH INPUT | PRESSURE (INCH WC) | |
| A31 | S/S STANDARD FLOOR TROUGH W/ GRATE | 4" | | | | | 2" | | | | | | | | | | | | | | |
| A32 | HAND SINK | 2" | | | | | 2" | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| A34 | PREPARATION TABLES W/ SINKS | | 2" | | | | 2" | | | | | | | | | | | | | | |
| A34.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| A36 | PREPARATION TABLES W/ SINKS | | 2" | | | | 2" | | | | | | | | | | | | | | |
| A36.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| A40 | REVERSE OSMOSIS SYSTEM | | | | | | | 1/2" | | | | | | | | | | | | | PROVIDE WITH 3/4" BFP-02" & WATER HAMMER ARRESTER. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. |
| A42 | PREPARATION TABLE W/ SINK | | 2" | | | | 2" | | | | | | | | | | | | | | |
| A42.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| A45 | PREPARATION TABLE W/ SINKS | | 2" | | | | 2" | | | | | | | | | | | | | | |
| A45.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| A47 | PREPARATION TABLE W/ SINK | | 2" | | | | 2" | | | | | | | | | | | | | | |
| A47.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| A51 | EYEWASH STATION | 1-1/2" | | | | | 1-1/2" | 1/2" | | | | | 1/2" | | | | | | | | |

NOTES:
1. THE ABOVE SCHEDULE CONTAINS OWNER FURNISHED FOOD SERVICE EQUIPMENT & FIXTURES THAT REQUIRE PLUMBING UTILITIES. REFER TO THE FOOD SERVICE / KITCHEN CONSULTANT'S DOCUMENTS FOR ROUGH-IN REQUIREMENTS & EXACT LOCATIONS OF ALL FOOD SERVICE FIXTURES & EQUIPMENT.

2. WHERE INDIRECT DRAINS ARE REQUIRED, CONTRACTOR MUST ROUTE INDIRECT DRAIN PIPING FROM FIXTURES & EQUIPMENT TO ADJACENT FLOOR RECEPTOR(S) AS REQUIRED. INDIRECT DRAIN DISCHARGE OVER FLOOR RECEPTOR(S) MUST CONTAIN APPROVED AIR BREAK(S). CONTRACTOR MUST PROVIDE A MINIMUM OF 1" THICK INSULATION (WITH APPROVED SANITARY BARRIER WRAP) FOR CONDENSATE AND / OR REFRIGERATED WASTE PIPING DISCHARGING INTO INDIRECT RECEPTORS TO PREVENT SWEATING (I.E. ALL PIPING WITH A TEMPERATURE LOWER THAN 60°F). REFER TO FOOD SERVICE / KITCHEN CONSULTANT'S DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

3. PLASTIC OR STAINLESS STEEL MATERIAL MUST BE USED FOR WASTE PIPING INSTALLED TO RECEIVE CARBONATED LIQUID WASTE. THE PLASTIC OR STAINLESS STEEL MATERIAL MUST BE INSTALLED TO A POINT DOWNSTREAM OF THE NEAREST FREQUENTLY USED DRAIN BRANCH TO ENSURE PROPER DILUTION OF THE CARBONATED LIQUID WASTE & PREVENT DOWNSTREAM CORROSION OF INCOMPATIBLE PIPE MATERIAL.
4. PROVIDE EMERGENCY DRAIN PAN ASSEMBLY DIRECTLY UNDERNEATH ALL DRAINAGE PIPING LOCATED ABOVE FOOD SERVICE AREAS. PROVIDE MINIMUM 1" COPPER DRAIN PIPE CONNECTION AT DRAIN PAN LOW POINTS, & ROUTE TO NEAREST FLOOR RECEPTOR WITH APPROVED AIR GAP & EMERGENCY SIGNAGE.
5. PROVIDE DEDICATED ISOLATION VALVE & UNIONS AT UTILITY CONNECTIONS FOR EACH APPLIANCE & EQUIPMENT ITEM IN ADDITION TO SPECIALTIES & DEVICES LISTED ABOVE.
6. PROVIDE WATER HAMMER ARRESTER AT ALL WATER SUPPLY CONNECTIONS TO EQUIPMENT.

## FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE - PHASE 1 AREA B

| NO. | DESCRIPTION | DRAINAGE | | | | | | COLD WATER | | | | HOT WATER | | | | | NATURAL GAS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SANITARY WASTE (DIRECT) | SANITARY WASTE (INDIRECT) | GREASE WASTE (DIRECT) | GREASE WASTE (INDIRECT) | DRAIN DISCHARGE (GPM) | VENT SIZE | PIPE SIZE | FILTERED WATER PIPE SIZE | GPM | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | GPM | GPH | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | MBH INPUT | PRESSURE (INCH WC) | |
| B13 | DOUBLE COMBI OVEN | | | | 1-1/2" | | | 3/4" | 3/4" | CW: 0.26 F: 2.64 | | 30-90 | | | | | | 3/4" | 98 | 5.5-14 | PROVIDE WITH 3/4" DCVA "BFP-03", PRV-1 & WATER HAMMER ARRESTER AT WATER SUPPLY INLET. CONNECT FILTERED WATER FROM A40. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. |
| B15 | DOUBLE STEAMER | | | | 3" | | | (2) 3/4" | | 1.5 | | 30-60 | | | | | | 1/2" | 58 | 5-14 | PROVIDE WITH 3/4" DCVA "BFP-03", PRV-1 & WATER HAMMER ARRESTER AT WATER SUPPLY INLET. CONNECT FILTERED WATER FROM A40. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. PROVIDE 1/2"CW FOR DRAIN TEMPERING KIT. |
| B16 | TRUNNION KETTLE | | | | 1-14" | | | | | | | | 3/8" | | | | | 1/2" | 200 | 5-14 | PROVIDE WITH 3/4" DCVA "BFP-03", PRV-1 & WATER HAMMER ARRESTER AT WATER SUPPLY INLET. CONNECT FILTERED WATER FROM A40. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. PROVIDE 1/2"CW FOR DRAIN TEMPERING KIT. |
| B17 | 40 GAL TILTING KETTLE | | | | | | | 1/2" | | | | | 1/2" | | | | | 1/2" | 100 | 4.5-14 | |
| B18 | SS ANTI SPILL FLOOR TROUGH W/ GRATE | | | | 4" | | 2" | | | | | | | | | | | | | | |
| B19 | HAND SINK | 2" | | | | | 2" | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| B21 | 40 GAL TILTING BRAISING PAN | | | | | | | 1/2" | | | | | 1/2" | | | | | 1/2" | 144 | 4.5-14 | |
| B27 | COUNTER TOP GRIDDLE | | | | | | | | | | | | | | | | | 1/2" | 80 | 8-14 | |
| B28 | PREPARATION TABLE W/ SINK | | 2" | | | | 2" | | | | | | | | | | | | | | |
| B28.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| B31 | COUNTER TOP CHAR BROILER | | | | | | | | | | | | | | | | | 1/2" | 114 | 8-14 | |
| B32 | 6 BURNER RANGE W/ CONVECTION OVEN | | | | | | | | | | | | | | | | | 1/2" | 22 | 8-14 | |
| B33 | POT FILLER | | | | | | | 1/2" | | | | | | | | | | | | | |
| B35 | DOUBLE CONVECTION OVEN | | | | | | | | | | | | | | | | | (2) 1/2" | 63 | 8-14 | |
| B42 | BAKER'S TABLE W /SINK | | 2" | | | | 2" | | | | | | | | | | | | | | |
| B42.1 | SPLASH MOUNT FAUCET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| B60 | POT WASH MACHINE W/ BOOSTER HEATER | | 2" | | | | | 1/2" | | | | 15-65 | 3/4" | | | | 15-65 | | | | PROVIDE WITH 3/4"HW BFP-02", PRV-1 & WATER HAMMER ARRESTER. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. UNIT IS PROVIDED WITH DRAIN TEMPERING KIT. PROVIDE 1/2"CW AND 1/2"CW BFP-01" FOR DRAIN TEMPERING KIT. |
| B62 | ULTRA WASH 3 COMPARTMENT SINK | | | 2" | 1-1/2" | | | (1) 1/2" (2) 3/4" | | | | | (1) 1/2" (1) 3/4" | | | | | | | | |
| B64 | EYE WASH STATION | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE 3/4" TEMPERED WATER TO EYEWASH |
| B65 | HAND SINK W/ SIDE SPLASHES | 2" | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| B67 | MOP SINK/CAN WASH | | | 2" | | | | (2) 1/2" | | | | | 1/2" | | | | | | | | |
| B73 | STANDARD S/S FLOOR TROUGH W/ GRATE | | | | 4" | | 2" | | | | | | | | | | | | | | |
| B74 | WALL MOUNTED HOSE REEL W/ MIXING CABINET | | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE WITH ELEVATED VACUUM BREAKER. |
| B77 | SOILED DISH TABLE W/ TROUGH / CONVEYOR | | | | | | | | | | | | | | | | | | | | |
| B78 | TROUGH COLLECTOR | | 2" | | | | | 1/2" | | | | | 1/2" | | | | | | | | |
| B83 | HIGH TEMP. DISH MACHINE | | 2" | | | | | 1" | | | | 30-35 | 1" | | | | 30-35 | | | | PROVIDE WITH (2) 3/4" BFP-02", PRV-1 & WATER HAMMER ARRESTER. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. UNIT IS PROVIDED WITH DRAIN TEMPERING KIT. PROVIDE 1"CW & 3/4"CW BFP-02" FOR DRAIN TEMPERING KIT. |
| B85 | WATER SOFTENER | | (2) 1/2" | | | | | 3/4" | | | 35-160 | 15-125 | | | | | 15-125 | | | | FEED WATER REQUIREMENTS: pH Range - 5 – 10 SU<br>Free Chlorine Cl2 (Max.) - 2.0 mg/l<br>Hardness as CaCo3 (Max.) -40 gpg |
| B92 | DOUBLE CONVECTION OVEN (EXISTING) | | | | | | | | | | | | | | | | | 3/4" | 50 | 8-14 | |

NOTES:
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4. PROVIDE EMERGENCY DRAIN PAN ASSEMBLY DIRECTLY UNDERNEATH ALL DRAINAGE PIPING LOCATED ABOVE FOOD SERVICE AREAS. PROVIDE MINIMUM 1" COPPER DRAIN PIPE CONNECTION AT DRAIN PAN LOW POINTS, & ROUTE TO NEAREST FLOOR RECEPTOR WITH APPROVED AIR GAP & EMERGENCY SIGNAGE.
5. PROVIDE DEDICATED ISOLATION VALVE & UNIONS AT UTILITY CONNECTIONS FOR EACH APPLIANCE & EQUIPMENT ITEM IN ADDITION TO SPECIALTIES & DEVICES LISTED ABOVE.
6. PROVIDE WATER HAMMER ARRESTER AT ALL WATER SUPPLY CONNECTIONS TO EQUIPMENT.


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7/9/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

TITLE

**SCHEDULES - PLUMBING**

SHEET NUMBER

**TP0.02**


7/9/2025 2:57:08 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/PLUM-MultiCare-Kitchen-R25.rvt

## PROJECT RESPONSIBILITY MATRIX

| UNIT NO. | DESCRIPTION | BMS | | NON BMS | | | | | PROVIDED BY | INSTALLED BY | POWER WIRING BY | CONTROLS WIRING BY | FIRE ALARM WIRING BY | TEST AND BALANCE BY | NOTES |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | S/S | TC | T'STAT | INTERLOCK | 24 HOUR | FIRE/LIFE SAFETY | OTHER | | | | | | | |
| **PART A: NEW PLUMBING EQUIPMENT** | | | | | | | | | | | | | | | |
| A1 | GREASE INTERCEPTORS | - | - | - | - | - | - | - | PC | PC | - | - | - | PC | 1,3,13 |
| **PART B: PLUMBING EQUIPMENT ANCILLARIES** | | | | | | | | | | | | | | | |
| B1 | ARCHITECTURAL ACCESS DOORS/PANELS FOR PLUMBING EQUIPMENT ACCESS | - | - | - | - | - | - | - | GC | GC | - | - | - | - | |
| B2 | PIPE SLEEVES | - | - | - | - | - | - | - | PC | PC | - | - | - | - | |
| B3 | FIRE SAFING AROUND PLUMBING EQUIPMENT; PIPING, ETC. | - | - | - | - | - | - | - | PC | PC | - | - | - | - | |
| B4 | CAULKING FOR WEATHER PROTECTION AROUND EXTERIOR PLUMBING DEVICES (PIPE PENETRATIONS, ETC.) | - | - | - | - | - | - | - | GC | GC | - | - | - | - | |
| B5 | FLOOR DRAINS | - | - | - | - | - | - | - | PC | PC | - | - | - | PC | 1,3,8 |
| B6 | WALL/CEILING SOUND MITIGATION | - | - | - | - | - | - | - | GC | GC | - | - | - | - | |
| B7 | NATURAL GAS SHUTOFF VALVE FOR FIRE SUPRESSION SYSTEM | - | - | - | - | - | - | - | PC | PC | EC | CC | FAC | FAC | 1,3,5 |
| **Part C: PLUMBING MISC** | | | | | | | | | | | | | | | |
| C1 | PLUMBING FIXTURES, VALVES, BACKFLOW DEVICES, WATER TANKS, TRAP PRIMERS, HYDRANTS AND HOSE BIBBS | - | - | - | - | - | - | - | PC | PC | EC | - | - | PC | 1,2,3,4,9 |
| C2 | IMPORT AND EXPORT OF SOILS | - | - | - | - | - | - | - | GC | GC | - | - | - | - | |
| C3 | PIPE BEDDING | - | - | - | - | - | - | - | PC | PC | - | - | - | - | 10 |
| C4 | SUBGRADE WALL PENETRATIONS BY PIPING | - | - | - | - | - | - | - | PC | PC | - | - | - | - | |
| C5 | EQUIPMENT ACCESS PLATFORMS & WALK-ON MATTS FOR EQUIMENT ACCESS | - | - | - | - | - | - | - | GC | GC | - | - | - | - | |
| C6 | ROOF AND WATERPROOF MEMBRANES PENETRATIONS BY PLUMBING PIPING | - | - | - | - | - | - | - | PC | PC | - | - | - | - | 7 |
| C7 | UTILITY PIPING TO 5 FEET OUTSIDE OF THE BLDG | - | - | - | - | - | - | - | PC | PC | - | - | - | - | 6,11,12 |
| **Part D: DEMOLITION** | | | | | | | | | | | | | | | |
| D1 | DEMOLITION AND MAKE SAFE OF EXISTING PLUMBING EQUIPMENT AND ASSOCIATED UTILITIES | - | - | - | - | - | - | - | PC | PC | EC | CC | FAC | - | - |
| D2 | **DEMOLITION AND MAKE SAFE OF EXISTING GREASE INTERCEPTOR AND ASSOCIATED...** | - | - | - | - | - | - | - | GC | GC | - | - | - | - | - |

**ABBREVIATIONS:**

| | | | | | | |
|---|---|---|---|---|---|---|
| **AFF** | **ABOVE FINISHED FLOOR** | **GC** | **GENERAL CONTRACTOR & OTHER TRADES** | **TC** | **TIME CLOCK** | |
| **CC** | **CONTROL CONTRACTOR** | **PC** | **PLUMBING CONTRACTOR** | **VAV** | **VARIABLE AIR** | |
| **EC** | **ELECTRICAL CONTRACTOR** | **KEC** | **KITCHEN EQUIPMENT CONTRACTOR** | **VFD** | **VARIABLE FREQUENCY DRIVE** | |
| **FAC** | **FIRE ALARM CONTRACTOR** | **S/S** | **START/STOP** | **BMS** | **BUILDING MANAGEMENT SYSTEM** | |
| **MC** | **MECHANICAL CONTRACTOR** | | | | | |

**NOTES:**

1. COORDINATE PROPER ACCESS FOR INSTALLATION AND MAINTENANCE WITH ARCHITECT & GC.
2. PC TO COORDINATE LOCATIONS OF ACCESS DOORS, GC TO FURNISH AND INSTALL ACCESS DEVICES.
3. GC TO ALTER CONSTRUCTION TO MEET CODE REQUIRED CLEARANCES AND DIRECT OTHER TRADES TO MEET INSTALLATION REQUIREMENTS.
4. EC TO PROVIDE POWER AND SERVICE DISCONNECT SWITCH WHEN REQUIRED.
5. EC TO FURNISH AND INSTALL NATURAL GAS EMERGENCY SHUTDOWN SWITCHES, POWER AND WIRING FOR KITCHEN HOOD FIRE SUPRESSION SYSTEM.
6. REFRIGERANT PIPING PROVIDED AND INSTALLED BY KEC. MC TO PROVIDE AND INSTALL CONDENSATE PIPING FROM INDOOR EVAPORATOR COIL TO DRAIN.
7. ROOFING AND FLASHING BY GC.
8. PC TO COORDINATE LOCATION, TOP OF FLOOR DRAIN ELEVATION AND MEMBRANES IF REQUIRED WITH GC. SLOPE TO DRAIN BY GC.
9. PC TO COORDINATE LOCATION OF ELEVATION AND OTHER FIXTURE REQUIREMENTS WITH GC.
10. PIPE BEDDING MATERIAL AND PIPE BEDDING IS BY PC. CLOSURE OF TRENCH BY GC.
11. PIPE PENETRATION AND SEAL BY PC.
12. UTILITY PIPING PENETRATING THE BUILDING TO WITHIN 5 FEET PERPENDICULAR FROM THE BUILDING BY PC. PC TO COORDINATE LOCATIONS AND ELEVATIONS WITH GC.
13. GC SHALL CONSTRUCT CONCRETE FORMING AND FRAMING AS REQUIRED TO SUPPORT PLUMBING EQUIPMENT. PC SHALL COORDINATE SIZES AND LOCATIONS WITH GC.

## FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE - PHASE 2 AREA C

| NO. | DESCRIPTION | DRAINAGE | | | | | | COLD WATER | | | | | HOT WATER | | | | | NATURAL GAS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SANITARY WASTE (DIRECT) | SANITARY WASTE (INDIRECT) | GREASE WASTE (DIRECT) | GREASE WASTE (INDIRECT) | DRAIN DISCHARGE (GPM) | VENT SIZE | PIPE SIZE | FILTERED WATER PIPE SIZE | GPM | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | GPM | GPH | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | MBH INPUT | PRESSURE (INCH WC) | |
| C11 | PASTA COOKER | | | | | | | 1/2" | | | | | | | | | | | | | |
| C13 | COUNTER TOP GRIDDLE | | | | | | | | | | | | | | | | | 3/4" | 120 | 6 | |
| C15 | COUNTER TOP CHAR BROILER | | | | | | | | | | | | | | | | | 1/2" | 76 | 8-14 | |
| C16 | COUNTER TOP 6 BURNER RANGE | | | | | | | | | | | | | | | | | 1/2" | 180 | 8-14 | |
| C17 | POT FILLER | | | | | | | 1/2" | | | | | | | | | | | | | |
| C33.1 | HAND SINK W/ SIDE SPLASHES | 2" | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| C45 | HAND SINK W/ SIDE SPLASHES | 2" | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| C46 | COFFEE BREWER W/ URNS | | | | | | | | 1/4" | | | | | | | | | | | | A FILTERED WATER FROM C47. PROVIDE WITH 1/2" RPBA "BFP-03." |
| C47 | WATER FILTERS | | | | | | | 3/8" | | | | | | | | | | | | | CONNECT FILTERED WATER TO C46 & C54. |

NOTES:

1. THE ABOVE SCHEDULE CONTAINS OWNER FURNISHED FOOD SERVICE EQUIPMENT & FIXTURES THAT REQUIRE PLUMBING UTILITIES. REFER TO THE FOOD SERVICE / KITCHEN CONSULTANT'S DOCUMENTS FOR ROUGH-IN REQUIREMENTS & EXACT LOCATIONS OF ALL FOOD SERVICE FIXTURES & EQUIPMENT.
2. WHERE INDIRECT DRAINS ARE REQUIRED, CONTRACTOR MUST ROUTE INDIRECT DRAIN PIPING FROM FIXTURES & EQUIPMENT TO ADJACENT FLOOR RECEPTOR(S) AS REQUIRED. INDIRECT DRAIN DISCHARGE OVER FLOOR RECEPTOR(S) MUST CONTAIN APPROVED AIR BREAK(S). CONTRACTOR MUST PROVIDE A MINIMUM OF 1" THICK INSULATION (WITH APPROVED SANITARY BARRIER WRAP) FOR CONDENSATE AND / OR REFRIGERATED WASTE PIPING DISCHARGING INTO INDIRECT RECEPTORS TO PREVENT SWEATING (I.E. ALL PIPING WITH A TEMPERATURE LOWER THAN 60°F). REFER TO FOOD SERVICE / KITCHEN CONSULTANT'S DOCUMENTS FOR ADDITIONAL REQUIREMENTS.
3. PLASTIC OR STAINLESS STEEL MATERIAL MUST BE USED FOR WASTE PIPING INSTALLED TO RECEIVE CARBONATED LIQUID WASTE. THE PLASTIC OR STAINLESS STEEL MATERIAL MUST BE INSTALLED TO A POINT DOWNSTREAM OF THE NEAREST FREQUENTLY USED DRAIN BRANCH TO ENSURE PROPER DILUTION OF THE CARBONATED LIQUID WASTE & PREVENT DOWNSTREAM CORROSION OF INCOMPATIBLE PIPE MATERIAL.
4. PROVIDE EMERGENCY DRAIN PAN ASSEMBLY DIRECTLY UNDERNEATH ALL DRAINAGE PIPING LOCATED ABOVE FOOD SERVICE AREAS. PROVIDE MINIMUM 1" COPPER DRAIN PIPE CONNECTION AT DRAIN PAN LOW POINTS, & ROUTE TO NEAREST FLOOR RECEPTOR WITH APPROVED AIR GAP & EMERGENCY SIGNAGE.
5. PROVIDE DEDICATED ISOLATION VALVE & UNIONS AT UTILITY CONNECTIONS FOR EACH APPLIANCE & EQUIPMENT ITEM IN ADDITION TO SPECIALTIES & DEVICES LISTED ABOVE.
6. PROVIDE WATER HAMMER ARRESTER AT ALL WATER SUPPLY CONNECTIONS TO EQUIPMENT.

## FOOD SERVICE EQUIPMENT PLUMBING SCHEDULE - PHASE 2 AREA D

| NO. | DESCRIPTION | DRAINAGE | | | | | | COLD WATER | | | | | HOT WATER | | | | | NATURAL GAS | | | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | SANITARY WASTE (DIRECT) | SANITARY WASTE (INDIRECT) | GREASE WASTE (DIRECT) | GREASE WASTE (INDIRECT) | DRAIN DISCHARGE (GPM) | VENT SIZE | PIPE SIZE | FILTERED WATER PIPE SIZE | GPM | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | GPM | GPH | TEMP (°F) | PRESSURE (PSIG) | PIPE SIZE | MBH INPUT | PRESSURE (INCH WC) | |
| D1 | HAND SINK W/ SIDE SPLASHES | 2" | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| D17 | PASTA COOKER | | | | | | | 1/2" | | | | | | | | | | | | | |
| D18 | POT FILLER | | | | | | | 1/2" | | | | | | | | | | | | | |
| D23 | COUNTER TOP 6 BURNER RANGE | | | | | | | | | | | | | | | | | 3/4" | 180 | 6 | |
| D25 | COUNTER TOP GRIDDLE | | | | | | | | | | | | | | | | | 1/2" | 120 | 8-14 | |
| D27 | COUNTER TOP CHAR BROILER | | | | | | | | | | | | | | | | | 1/2" | 76 | 8-14 | |
| D45 | WATER FILTER | | | | | | | | 1/4" | | | | | | | | | | | | A CONNECT FILTERED WATER TO D46. PROVIDE WITH 1/2" RPBA "BFP-03." |
| D46 | COFFEE BREWER W/ URNS | | | | | | | | 1/4" | | | | | | | | | | | | FILTERED WATER FROM D45. |
| D51 | HAND SINK W/ PEDESTAL BASE | 2" | | | | | | 1/2" | | | | | 1/2" | | | | | | | | PROVIDE W/ "MV-1" ASSE1070 THERMOSTATIC MIXING VALVE. |
| D61 | S/S STANDARD FLOOR TROUGH W/ GRATE | | | 4" | | | 2" | | | | | | | | | | | | | | |
| D63 | CUBE ICE MAKER | 3/4" | | | | | | | 1/2" | | | | | | | | | | | | PROVIDE WITH 1/2" RPBA "BFP-01" & WATER HAMMER ARRESTER. IW PIPE TO RECEPTOR WITH APPROVED AIR GAP. |
| D64 | WATER FILTER | | | | | | | 1/2" | | | | | | | | | | | | | CONNECT FILTERED WATER TO D74. |
| D68 | AMBIENT CARBONATOR | | | | | | | 1/2" | | | | | | | | | | | | | FILTERED WATER FROM D71. |
| D71 | WATER FILTER | | | | | | | 1/2" | | | | | | | | | | | | | CONNECT FILTERED WATER TO D68. |
| D74 | ICE CUBE MAKER | | | | | | | 1/2" | | | | | | | | | | | | | FILTERED WATER FROM D64. |

NOTES:

1. THE ABOVE SCHEDULE CONTAINS OWNER FURNISHED FOOD SERVICE EQUIPMENT & FIXTURES THAT REQUIRE PLUMBING UTILITIES. REFER TO THE FOOD SERVICE / KITCHEN CONSULTANT'S DOCUMENTS FOR ROUGH-IN REQUIREMENTS & EXACT LOCATIONS OF ALL FOOD SERVICE FIXTURES & EQUIPMENT.
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4. PROVIDE EMERGENCY DRAIN PAN ASSEMBLY DIRECTLY UNDERNEATH ALL DRAINAGE PIPING LOCATED ABOVE FOOD SERVICE AREAS. PROVIDE MINIMUM 1" COPPER DRAIN PIPE CONNECTION AT DRAIN PAN LOW POINTS, & ROUTE TO NEAREST FLOOR RECEPTOR WITH APPROVED AIR GAP & EMERGENCY SIGNAGE.
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DAVID L. JAYCOX
STATE OF WASHINGTON
REGISTERED
PROFESSIONAL ENGINEER

7/9/2025

**PHASE 1 PERMIT SET 07/11/2025**

**MultiCare**
**Good Samaritan**
**Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

**KEY PLAN**

**ISSUE CHART**

City of Puyallup
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Building | Planning | Engineering | Public Works | Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|
| A | Permit Corrections | 07.11.2025 |

**Job Number** 7725-4055

**TITLE**

**SCHEDULES - PLUMBING**

**SHEET NUMBER**

**TP0.03**


7/9/2025 3:11:55 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/PLUM-MultiCare-Kitchen-R25.rvt




1 LEVEL 01 - PLUMBING DEMO - OVERALL PHASE 1
SCALE: 1/8" = 1'-0"

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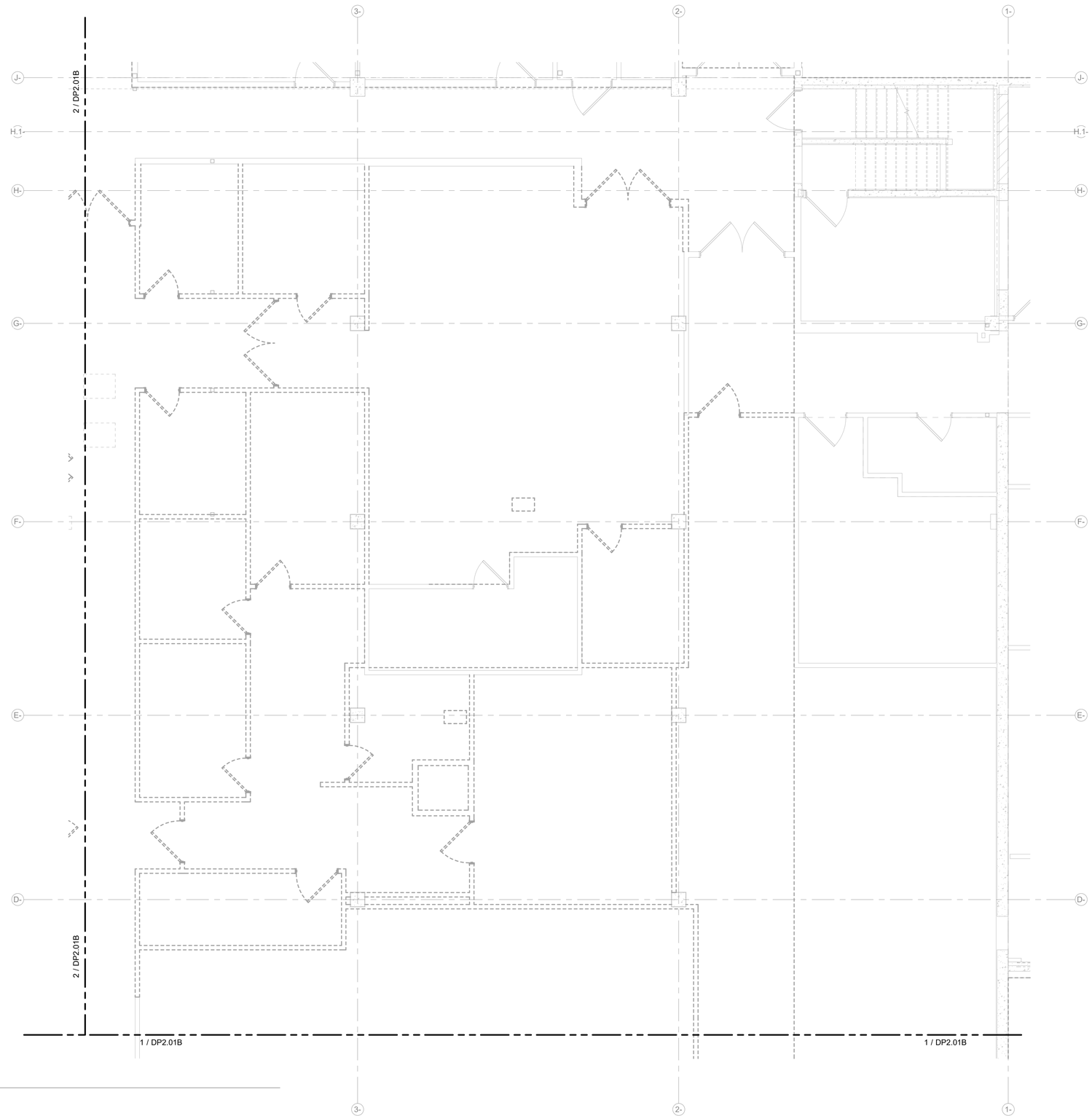
**Job Number** 7725-4055

TITLE

**LEVEL 01 DEMOLITION - OVERALL FLOOR PLAN - PLUMBING**

SHEET NUMBER

**DP2.01**




1 LEVEL 01 - PLUMBING DEMO - AREA A

SCALE: 1/4" = 1'-0"


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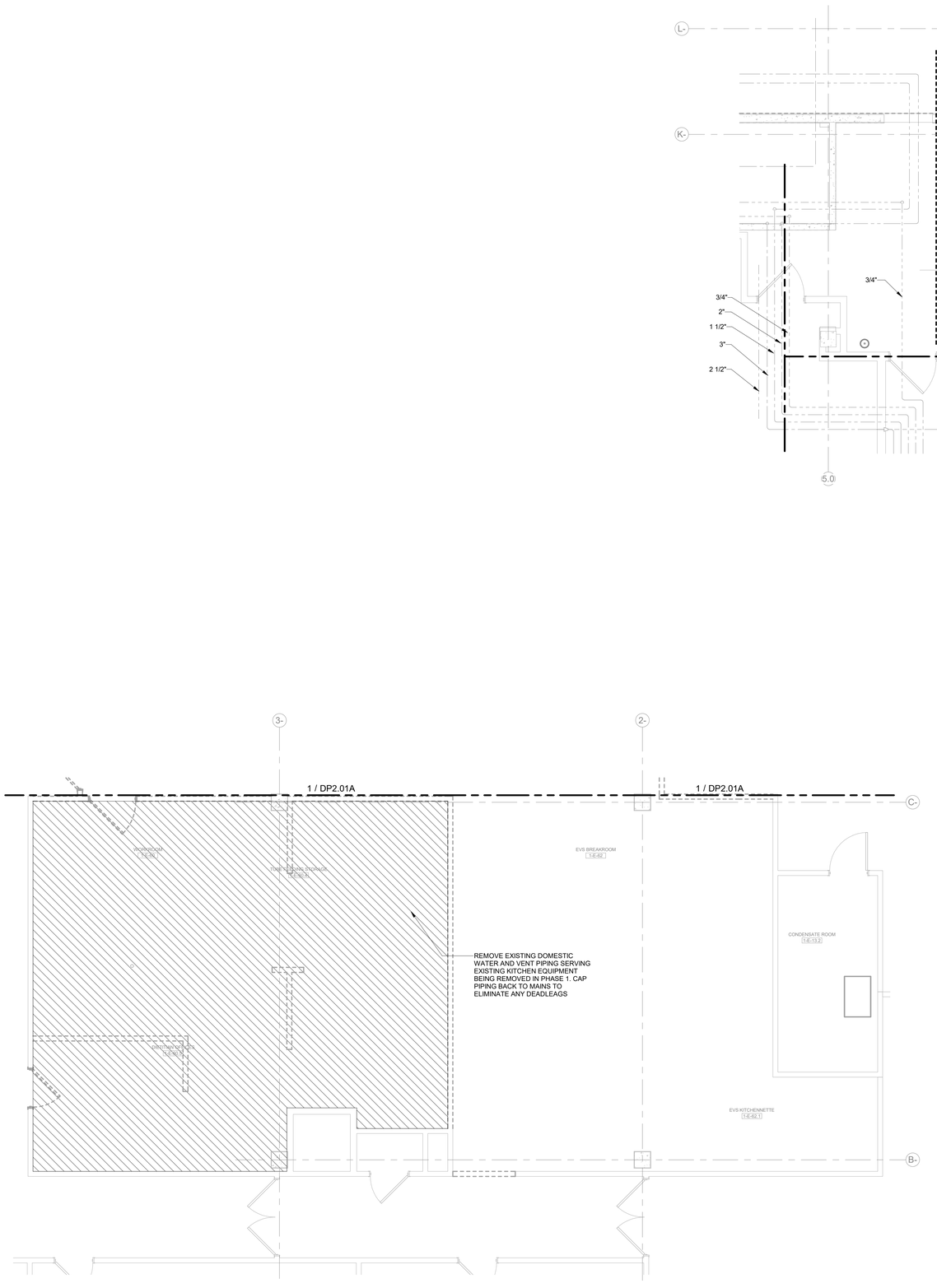
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**LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA A - PLUMBING**

SHEET NUMBER

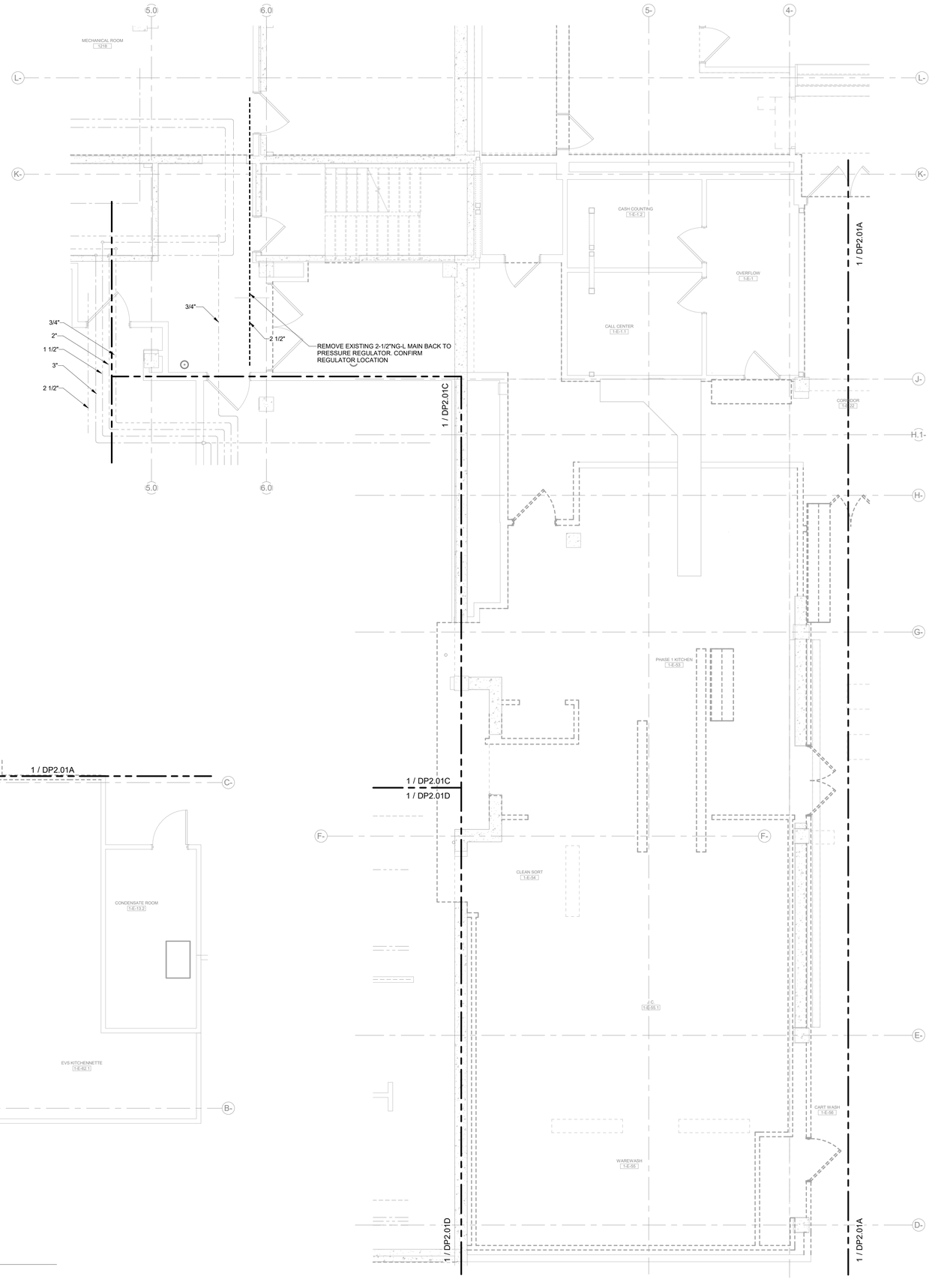
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1 LEVEL 01 - PLUMBING DEMO - AREA B SOUTH

SCALE: 1/4" = 1'-0"




2 LEVEL 01 - PLUMBING DEMO - AREA B WEST - STEP 1

SCALE: 1/4" = 1'-0"


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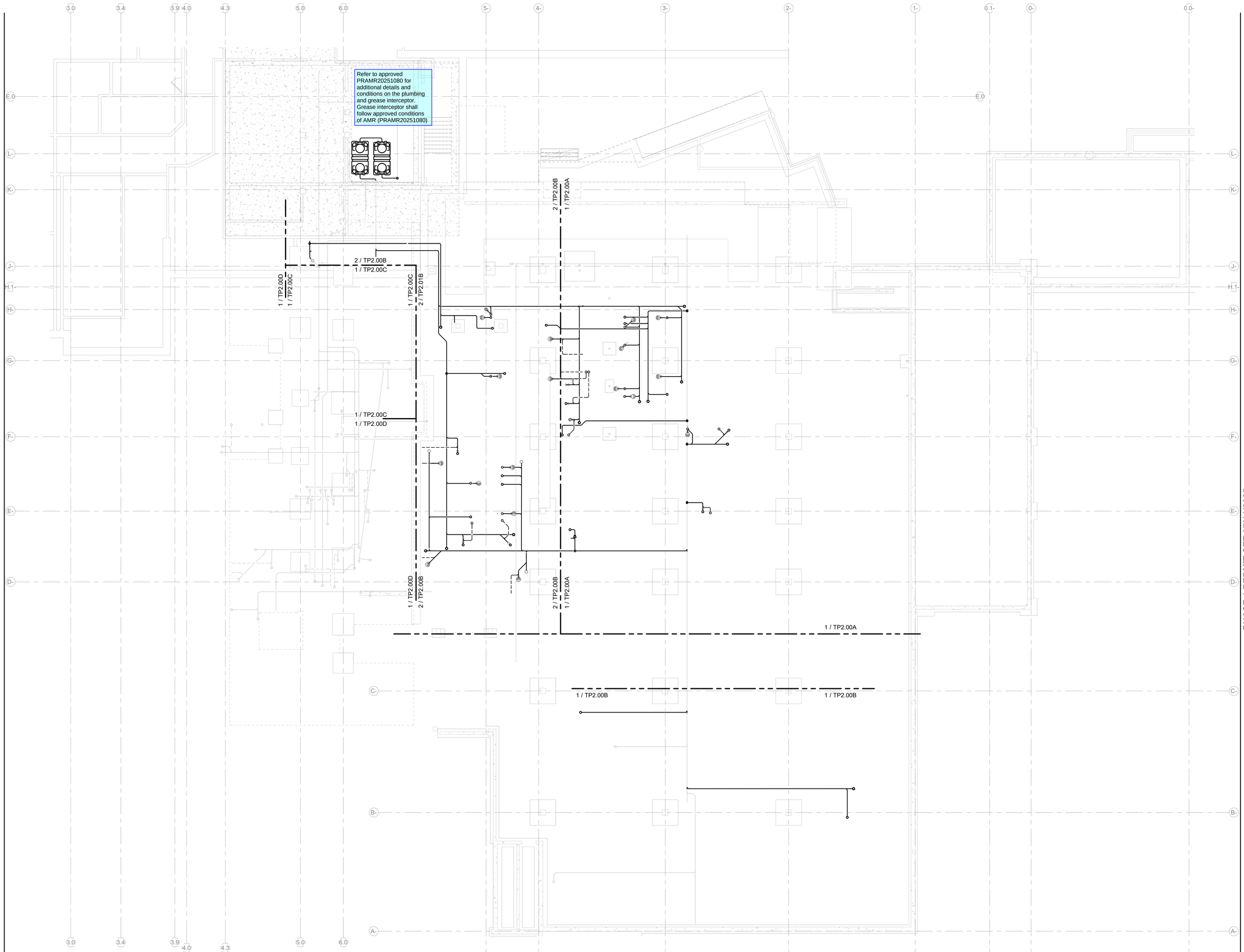
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**LEVEL 01 DEMOLITION FLOOR PLAN - PHASE 1 AREA B - PLUMBING**

SHEET NUMBER

**DP2.01B**


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1 UNDERGROUND - PLUMBING - OVERALL PHASE 1
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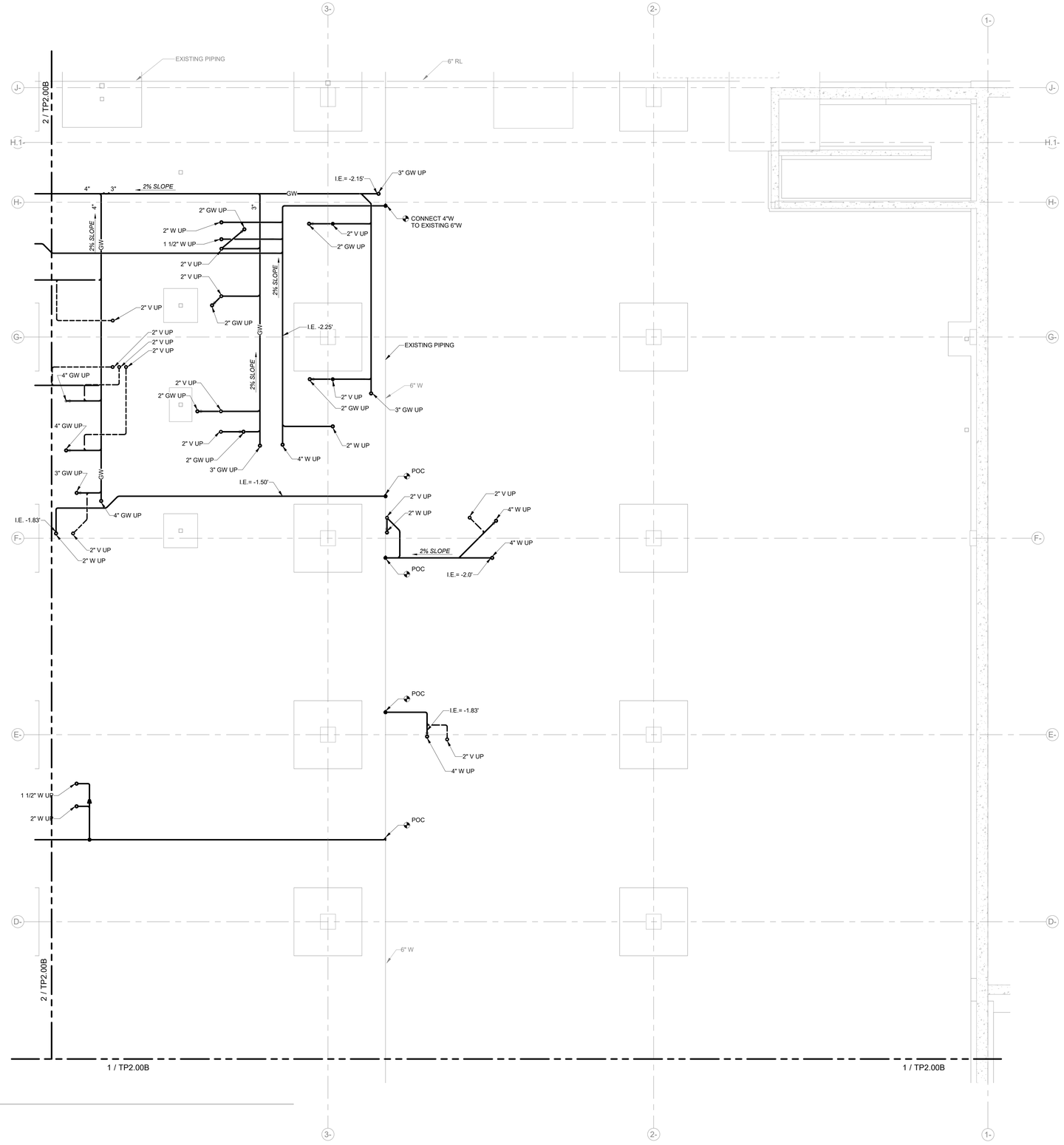
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LEVEL 01 OVERALL UNDERGROUND PLAN - PLUMBING

SHEET NUMBER

TP2.00


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1 UNDERGROUND - PLUMBING - AREA A

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KEY PLAN

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| MARK | ISSUE | DATE |
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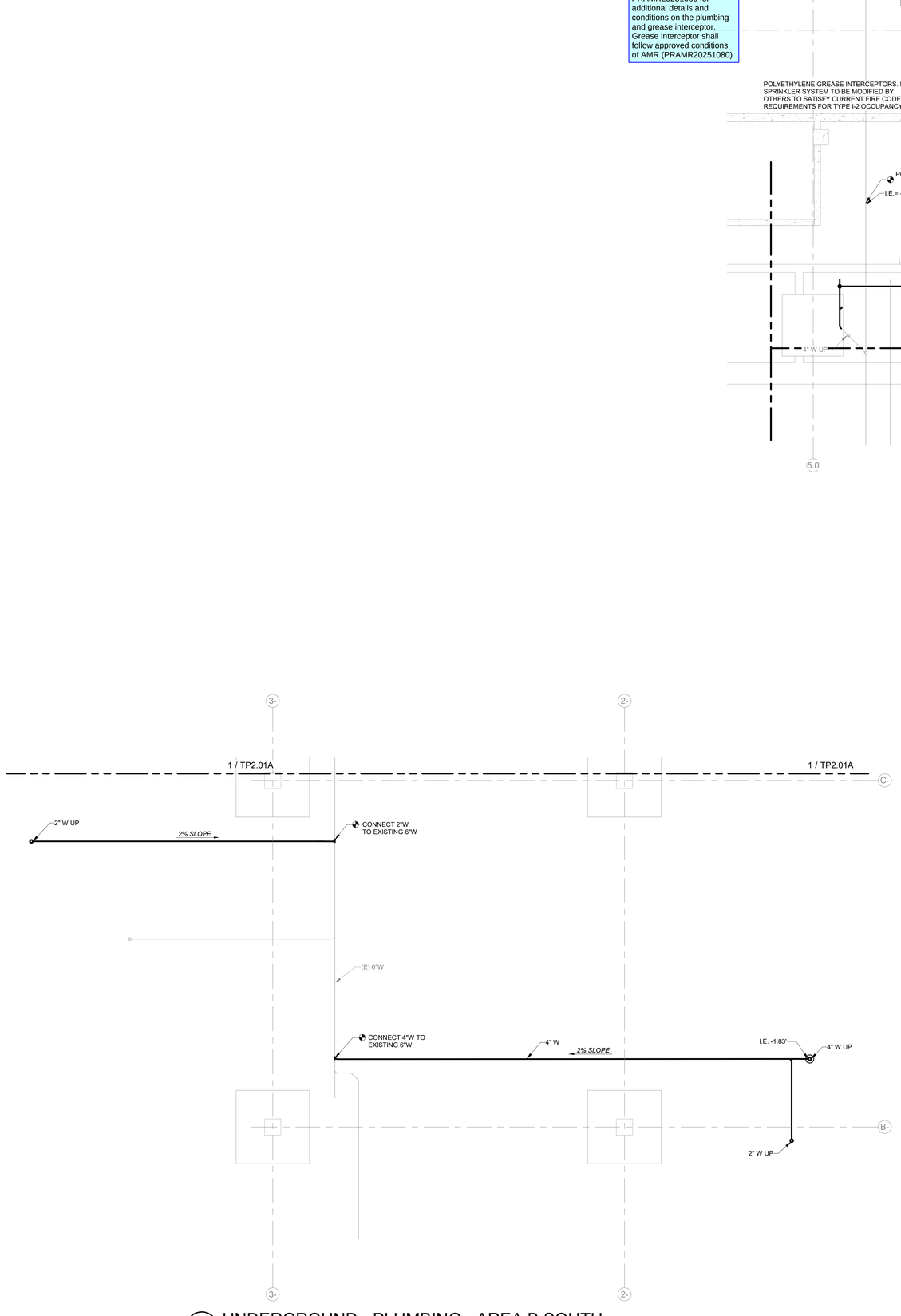
**LEVEL 01 UNDERGROUND PLAN - PHASE 1 AREA A - PLUMBING**

SHEET NUMBER

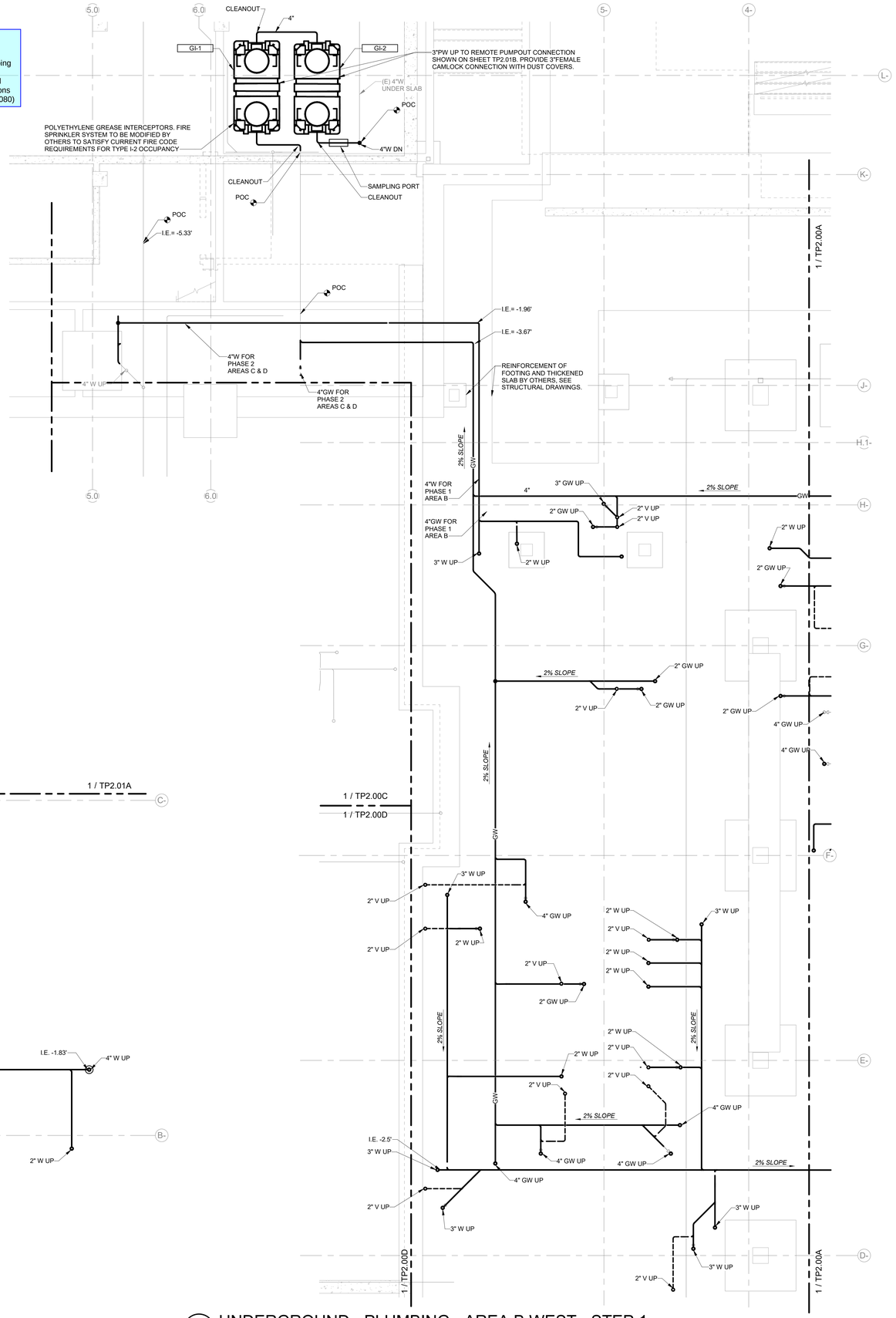
**TP2.00A**


7/9/2025 2:57:32 PM Autodesk Docs://MultiCare - Good Samaritan Hospital Kitchen Expansion/PLUM-MultiCare-Kitchen-R25.rvt

Refer to approved PRAMR20251080 for additional details and conditions on the plumbing and grease interceptor. Grease interceptor shall follow approved conditions of AMR (PRAMR20251080)




1 UNDERGROUND - PLUMBING - AREA B SOUTH
SCALE: 1/4" = 1'-0"




2 UNDERGROUND - PLUMBING - AREA B WEST - STEP 1
SCALE: 1/4" = 1'-0"


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7/9/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MULTICARE

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

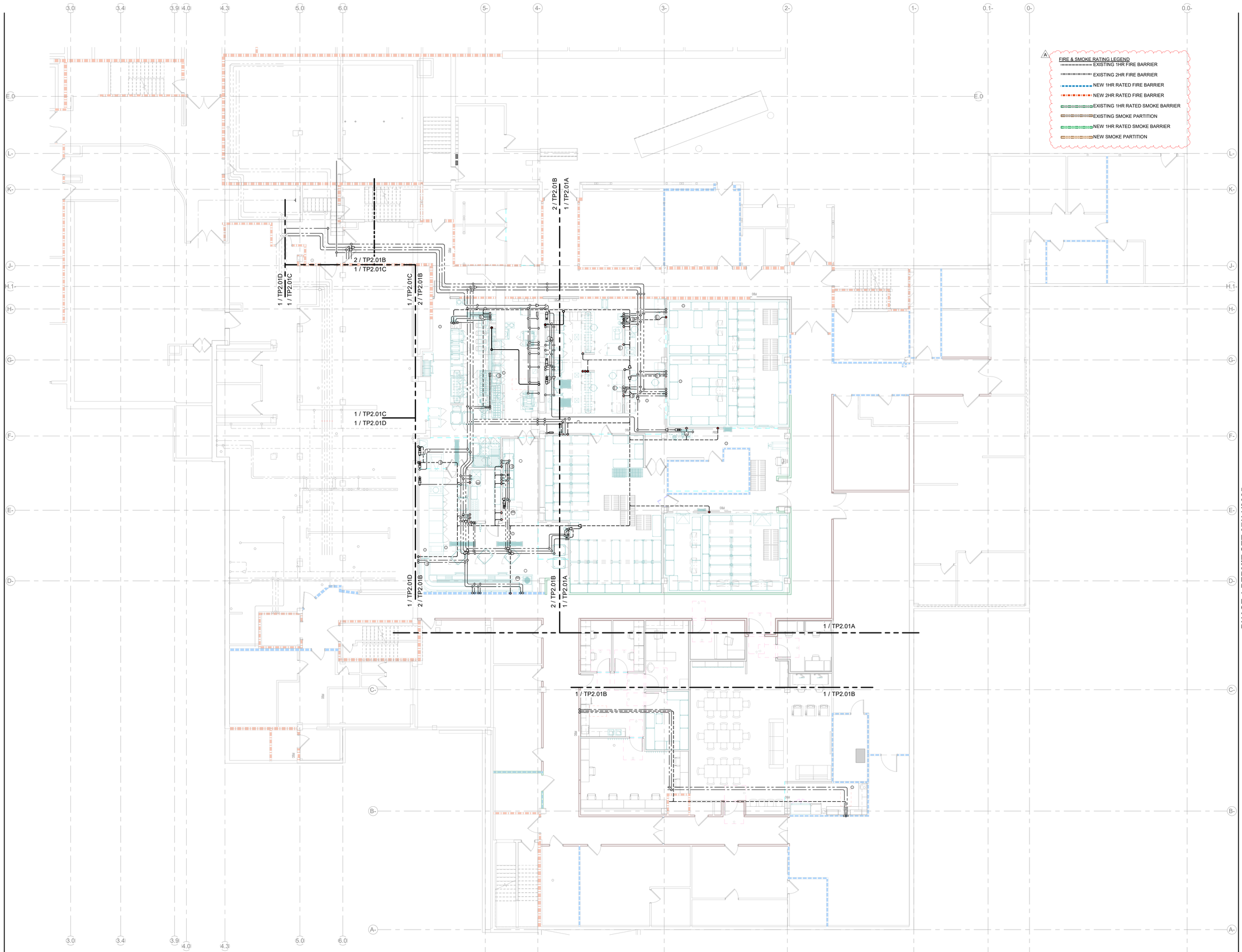
| | |
|---|---|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 7725-4055 | |

TITLE
LEVEL 01 UNDERGROUND PLAN - PHASE 1 AREA B - PLUMBING

SHEET NUMBER
TP2.00B


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1 LEVEL 01 - PLUMBING - OVERALL PHASE 1
SCALE: 1/8" = 1'-0"


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PHASE 1 PERMIT SET 07/11/2025

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WA 98372

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|---|---|---|
| A | Permit Corrections | 07.11.2025 |

**Job Number** 7725-4055

TITLE

**LEVEL 01 OVERALL FLOOR PLAN - PLUMBING**

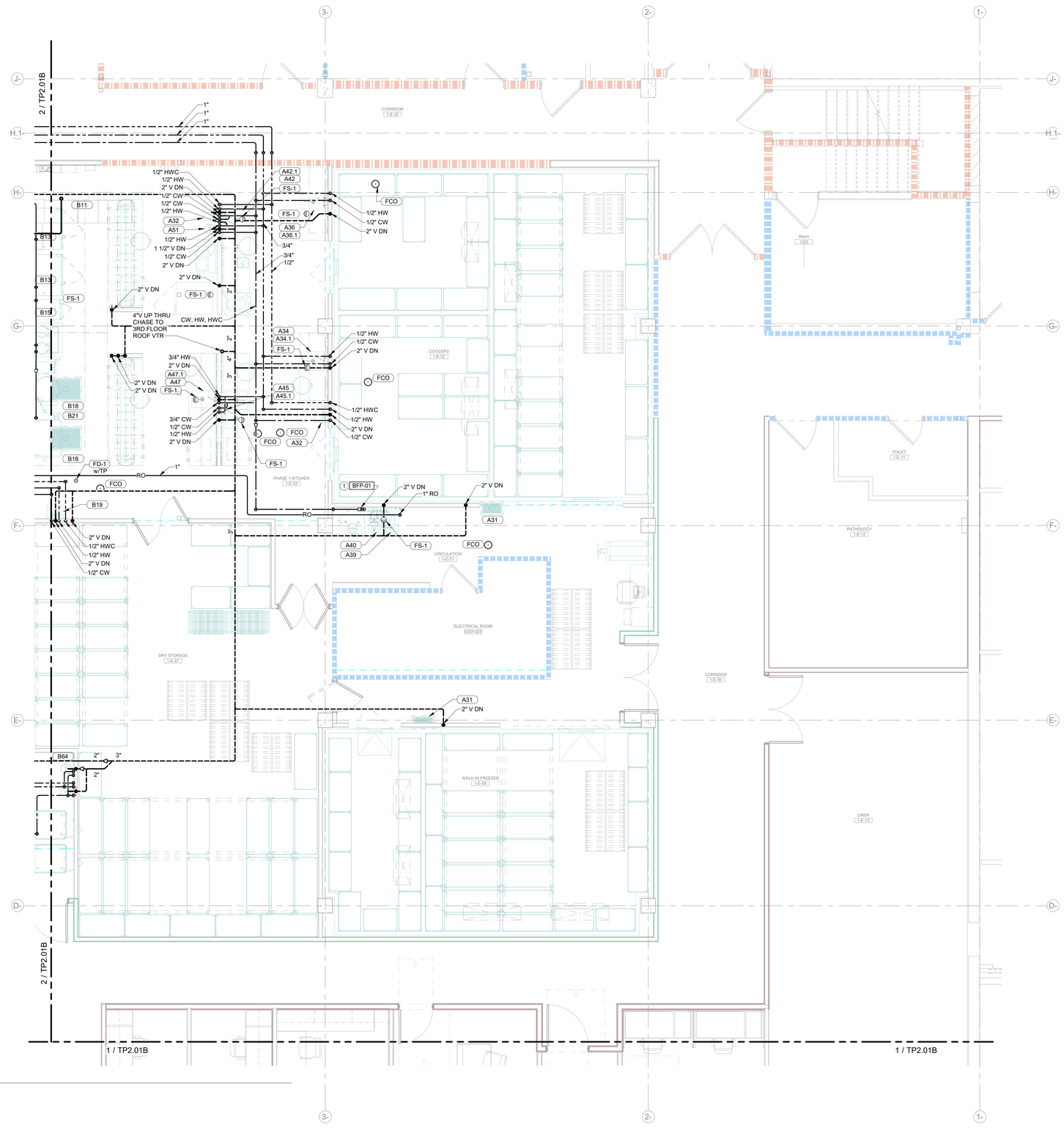
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**TP2.01**


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**SHEET NOTES:**

1. INSTALL BACKFLOW PREVENTERS IN ACCESSIBLE LOCATION. COORDINATE LOCATION WITH KITCHEN EQUIPMENT CONTRACTOR.




## 1 LEVEL 01 - PLUMBING - AREA A

SCALE: 1/4" = 1'-0"


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PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**
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MultiCare Good Samaritan Hospital

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KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 7725-4055 | |

TITLE

**LEVEL 01 FLOOR PLAN - PHASE 1 AREA A - PLUMBING**

SHEET NUMBER

**TP2.01A**

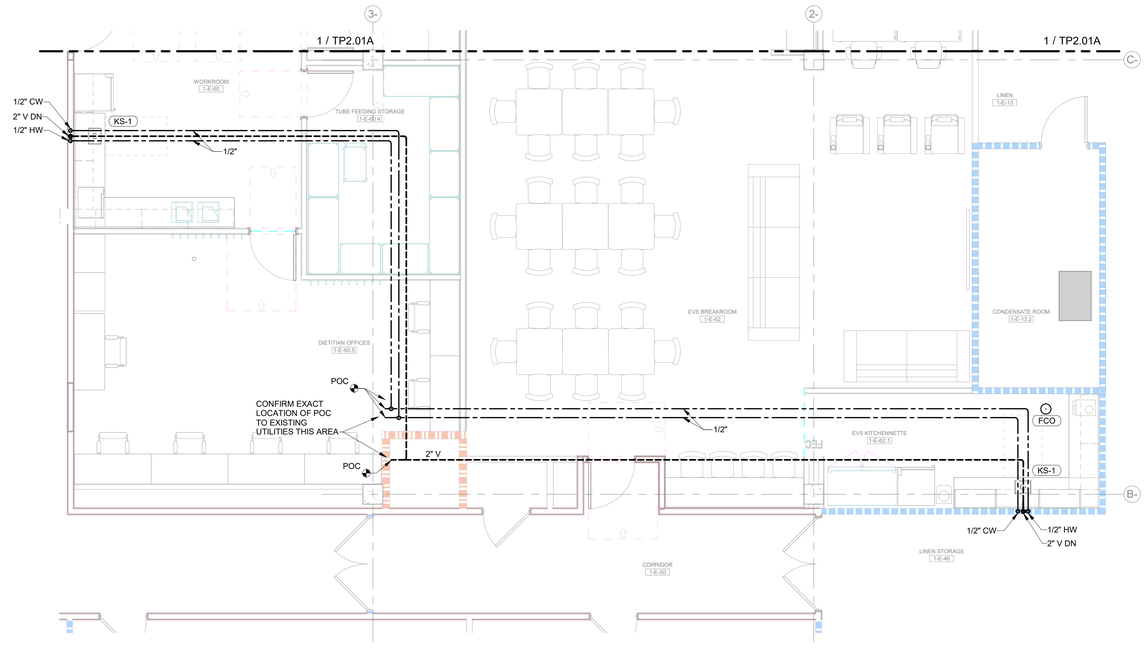

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## GENERAL NOTES:

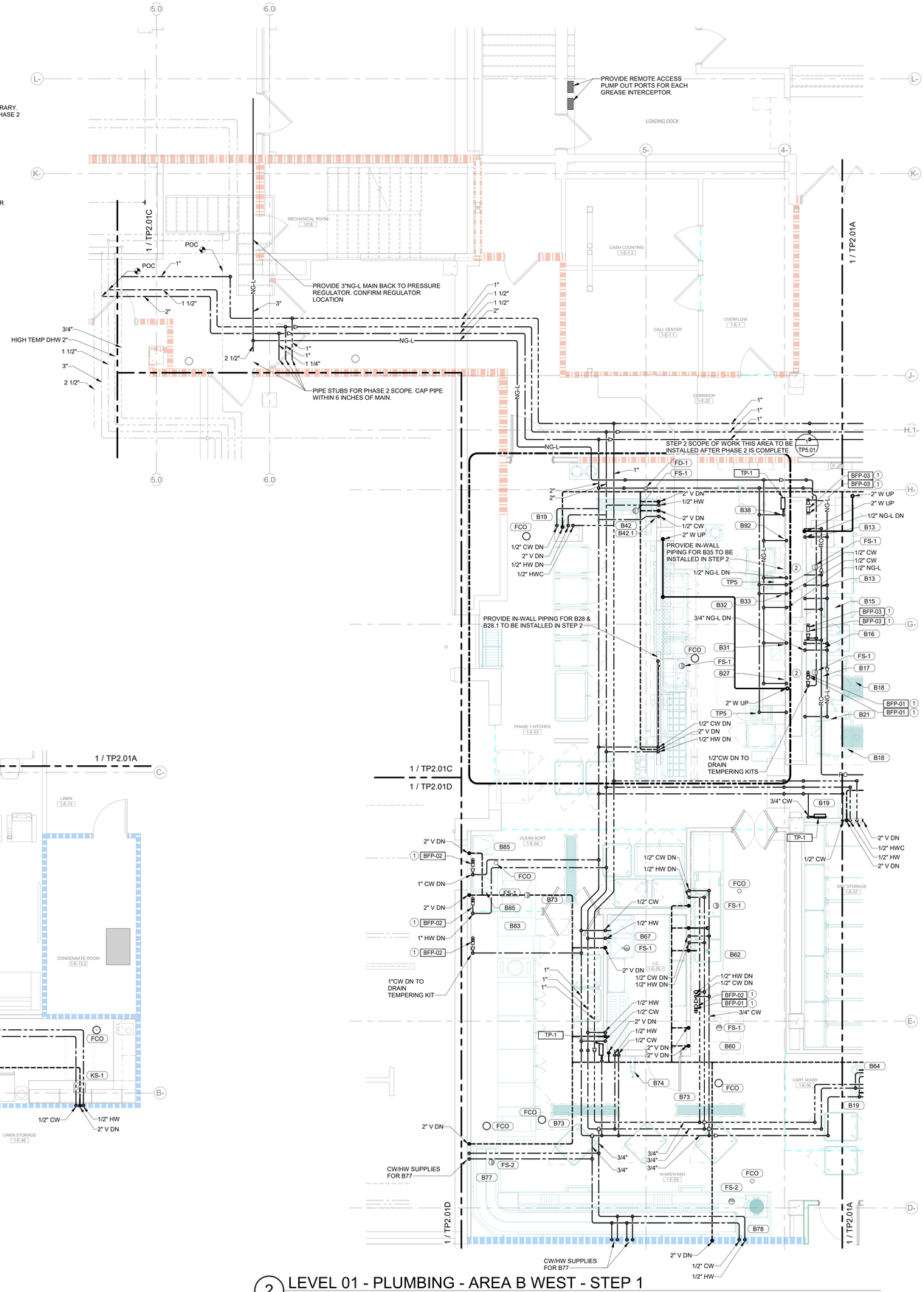
1. SOME ELEMENTS OF STEP 1 SCOPE ARE TEMPORARY. SEE STEP 2 SCOPE TO BE PERFORMED AFTER PHASE 2 WORK IS COMPLETE.

## SHEET NOTES:

1. INSTALL BACKFLOW PREVENTERS IN ACCESSIBLE LOCATION. COORDINATE LOCATION WITH KITCHEN EQUIPMENT CONTRACTOR.
2. PROVIDE 2-INCH CORE THROUGH SHEAR WALL TO ROUTE DRAIN FROM TP5 PASTA COOKER TO FLOOR SINK.




1 LEVEL 01 - PLUMBING - AREA B SOUTH
SCALE: 1/4" = 1'-0"




2 LEVEL 01 - PLUMBING - AREA B WEST - STEP 1
SCALE: 1/4" = 1'-0"


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7/9/2025

PHASE 1 PERMIT SET 07/11/2025

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KEY PLAN

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| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 7725-4055 | |

TITLE

**LEVEL 01 FLOOR PLAN - PHASE 1 AREA B - PLUMBING**

SHEET NUMBER

**TP2.01B**

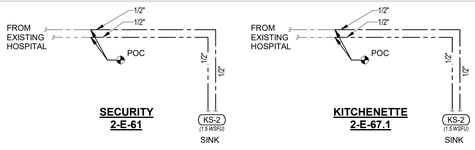

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ROOF ELEVATION

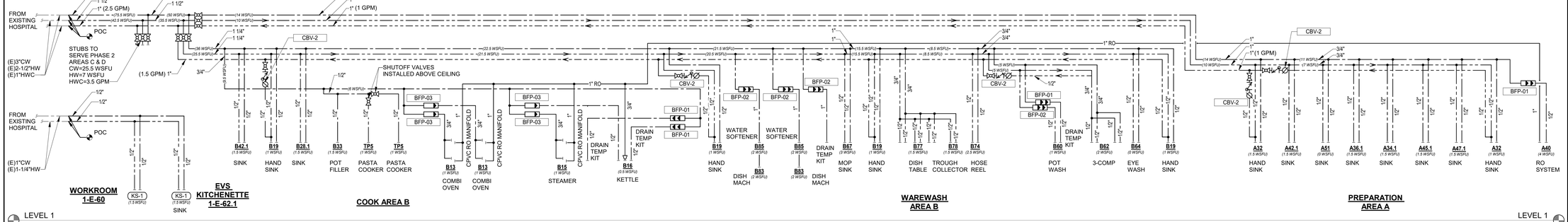
LEVEL 5 ELEVATION

LEVEL 4 ELEVATION

LEVEL 3 ELEVATION




LEVEL 2 ELEVATION




LEVEL 1 ELEVATION

BASEMENT ELEVATION

## 1 DOMESTIC WATER RISER - PHASE 1

SCALE: 1/8" = 1'-0"


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| MARK | ISSUE | DATE |
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Job Number 7725-4055

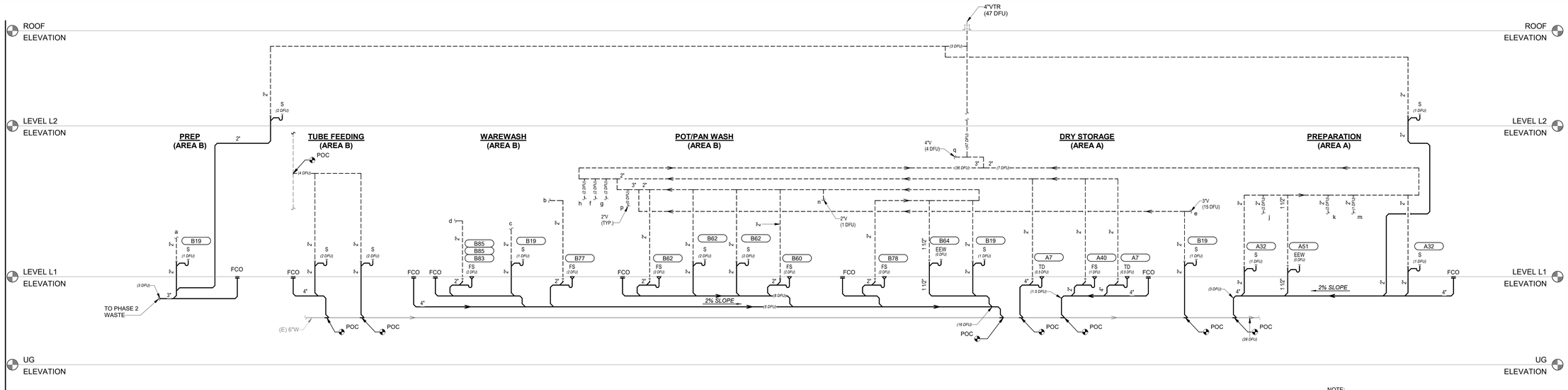
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**DOMESTIC WATER RISER**

SHEET NUMBER

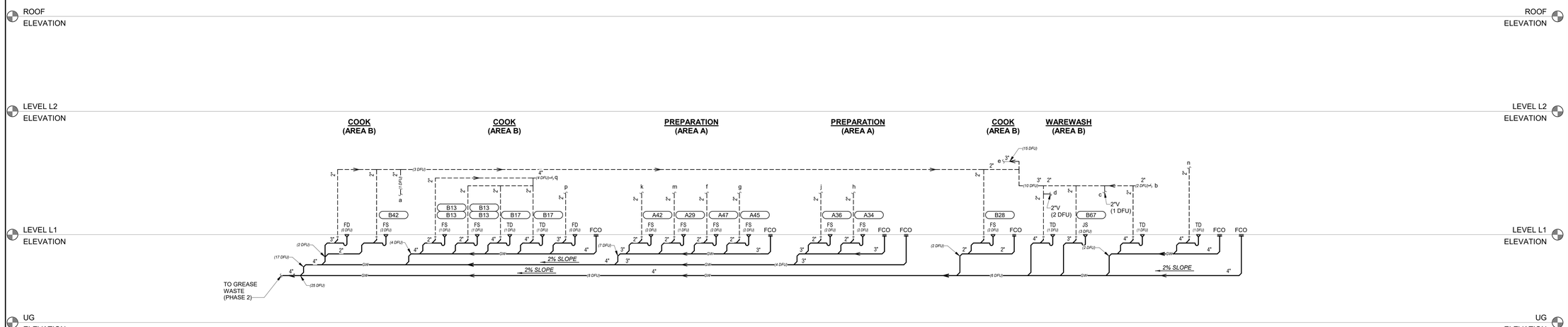
**TP4.01A**


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## 2 SANITARY WASTE AND VENT RISER DIAGRAM (PHASE 1)

SCALE: 1/8" = 1'-0"




## 1 GREASE WASTE AND VENT RISER DIAGRAM (PHASE 1)

SCALE: 1/8" = 1'-0"


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7/9/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**

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MultiCare Good Samaritan Hospital

**MULTICARE**

**KEY PLAN**

**ISSUE CHART**

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|---|---|
| Building | Planning |
| Engineering | Public Works |
| Fire | Traffic |

| MARK | ISSUE | DATE |
|---|---|---|
| Job Number | 7725-4055 | |

**TITLE**

**WASTE-VENT-GREASE RISER**

**SHEET NUMBER**

**TP4.02A**

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PHASE 1 PERMIT SET 07/11/2025

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MultiCare Good Samaritan Hospital

**MULTICARE**

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| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

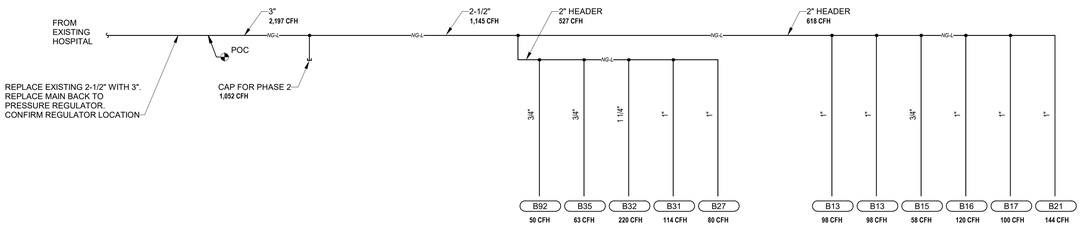
TITLE

**NATURAL GAS RISER**

SHEET NUMBER

**TP4.03A**

LEVEL 2
ELEVATION




LEVEL 2
ELEVATION

**COOK**

LEVEL 1
ELEVATION

LEVEL 1
ELEVATION

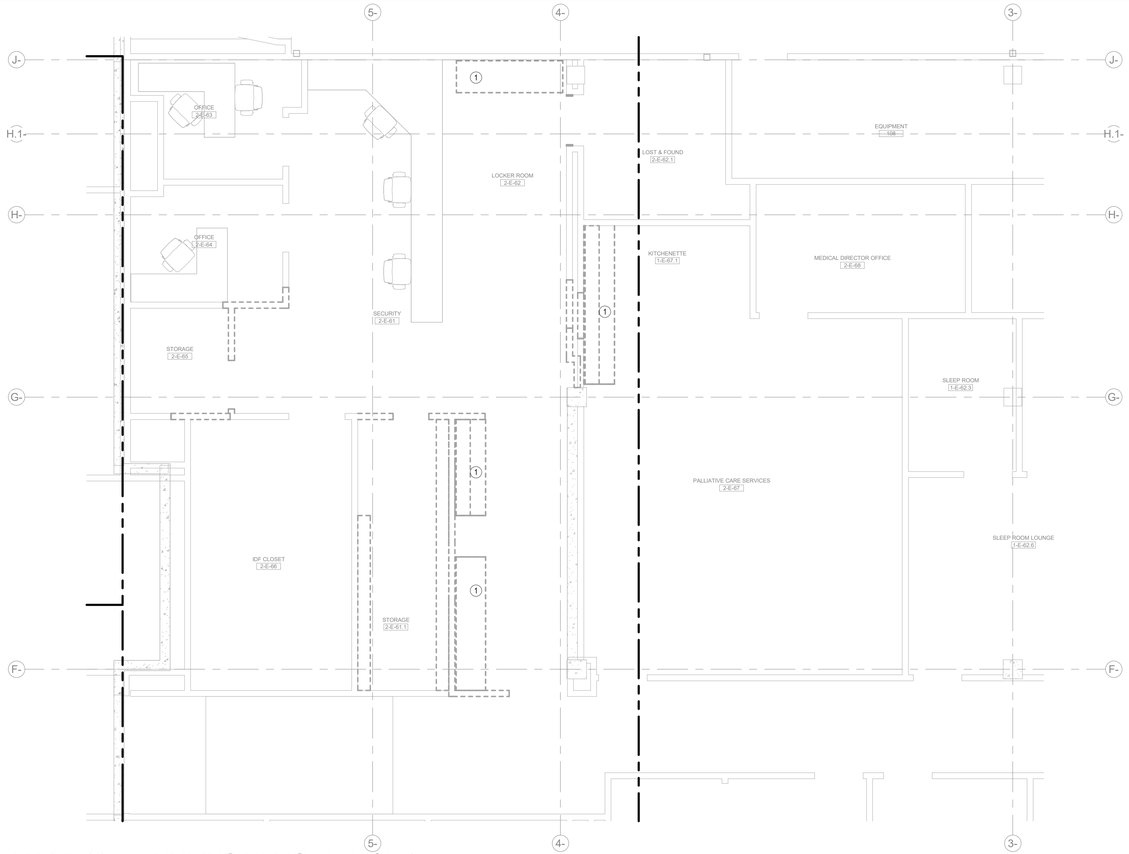
NATURAL GAS PIPING SIZED PER LONGEST LENGTH METHOD USING THE 150 FOOT COLUMN.
INLET PRESSURE: LESS THAN 2 PSI
PRESSURE DROP: 0.5 in w.c.
SPECIFIC GRAVITY: 0.60

BASEMENT
ELEVATION

BASEMENT
ELEVATION

1 NATURAL GAS RISER
SCALE: 1/8" = 1'-0"

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3 LEVEL 02 - PLUMBING DEMO - PHASE 1

SCALE: 1/4" = 1'-0"

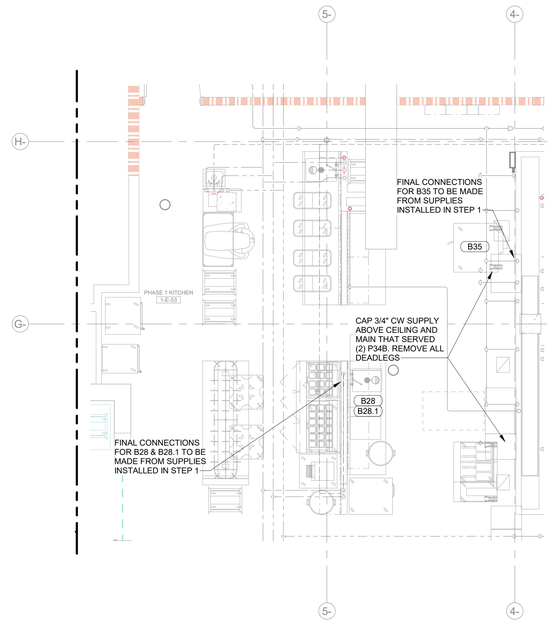
**SHEET NOTES:**

1. REMOVE EXISTING PLUMBING FIXTURE AND ASSOCIATED ACCESSORIES TO BE REINSTALLED IN PHASE 1. CAP DOMESTIC WATER, WASTE & VENT PIPING BACK TO MAINS TO ELIMINATE ANY DEADLEGS.

A

FIRE & SMOKE RATING LEGEND

- EXISTING 1HR FIRE BARRIER
- EXISTING 2HR FIRE BARRIER
- NEW 1HR RATED FIRE BARRIER
- NEW 2HR RATED FIRE BARRIER
- EXISTING 1HR RATED SMOKE BARRIER
- EXISTING SMOKE PARTITION
- NEW 1HR RATED SMOKE BARRIER
- NEW SMOKE PARTITION

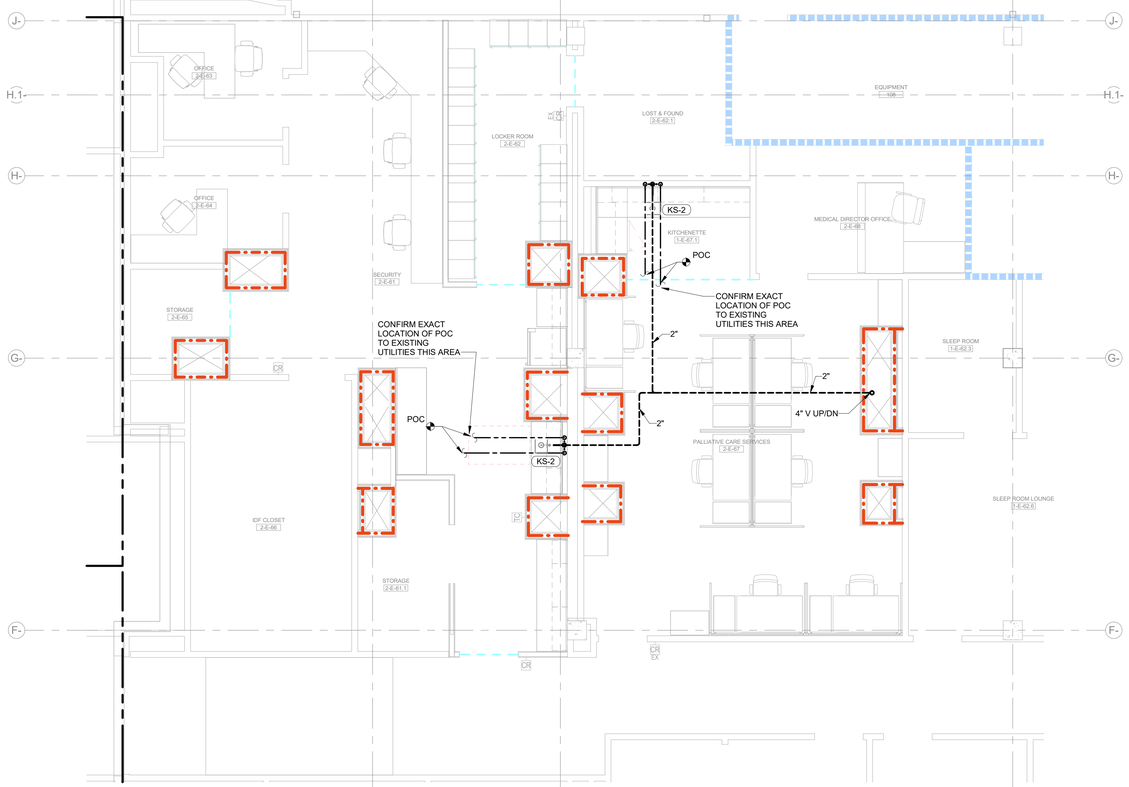



**GENERAL NOTES:**

1. STEP 2 SCOPE OF WORK TO BE PERFORMED AFTER PHASE 2 WORK IS COMPLETE.

1 LEVEL 01 - PLUMBING - AREA B WEST - STEP 2

SCALE: 1/4" = 1'-0"




2 LEVEL 02 - PLUMBING - PHASE 1

SCALE: 1/4" = 1'-0"


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PHASE 1 PERMIT SET 07/11/2025

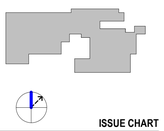
**MultiCare Good Samaritan Hospital Kitchen**

401 15th Ave SE,
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WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN



ISSUE CHART

City of Puyallup
Development & Permitting Services
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| | |
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| Engineering | Public Works |
| Fire | Traffic |

| MARK | ISSUE | DATE |
|---|---|---|
| A | Permit Corrections | 07.11.2025 |

Job Number 7725-4055

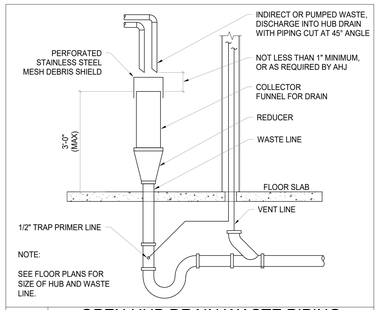
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**ENLARGED FLOOR PLANS - PLUMBING**

SHEET NUMBER

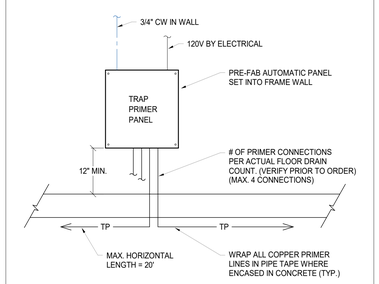
**TP5.01**


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2 P6.01 OPEN HUB DRAIN WASTE PIPING

N.T.S.




1 P6.01 ELECTRONIC TRAP PRIMER MANIFOLD

N.T.S.


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7/9/2025

PHASE 1 PERMIT SET 07/11/2025

**MultiCare Good Samaritan Hospital Kitchen**

401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital

**MULTICARE**

KEY PLAN

ISSUE CHART

City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

| MARK | ISSUE | DATE |
|---|---|---|

**Job Number** 7725-4055

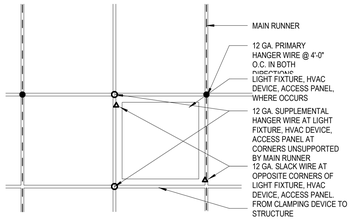
TITLE

**PLUMBING DETAILS**

SHEET NUMBER

**P6.01**

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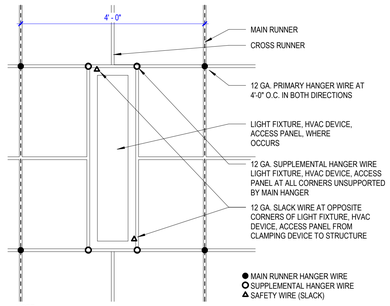



NOTE
ASTM E 580 5.3.3 FOR USE WHEN CROSS TEE CARRYING CAPABILITY IS < 16LB/FT

● MAIN RUNNER HANGER WIRE
○ SUPPLEMENTAL HANGER WIRE
△ SAFETY WIRE (SLACK)

REFERENCE ASTM E 580 5.3.3

## 14 SUPP. HANGER @ 2X2 ONE SIDE / MAIN RUNNER
SCALE 3/4" = 1'-0"

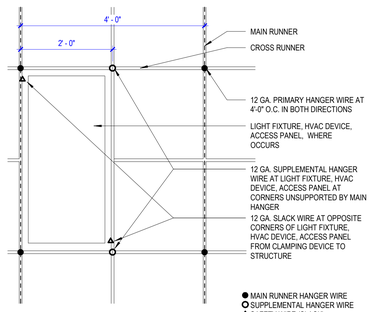



● MAIN RUNNER HANGER WIRE
○ SUPPLEMENTAL HANGER WIRE
△ SAFETY WIRE (SLACK)

NOTE
FOR USE WHEN CROSS RUNNER CARRYING CAPABILITY IS < 16LB/FT

REFERENCE ASTM E 580 5.3.3

## 16 SUPP. HANGER ODD SIZE, ANY LOC.
SCALE 3/4" = 1'-0"

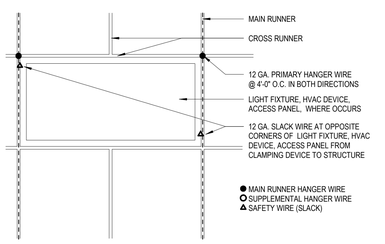



● MAIN RUNNER HANGER WIRE
○ SUPPLEMENTAL HANGER WIRE
△ SAFETY WIRE (SLACK)

NOTE
ASTM E 580 5.3.3 FOR USE WHEN CROSS RUNNER CARRYING CAPABILITY IS < 16LB/FT

REFERENCE ASTM E 580 5.3.3

## 17 SUPP. HANGER @ 2X4 / TO MAIN RUNNER
SCALE 3/4" = 1'-0"

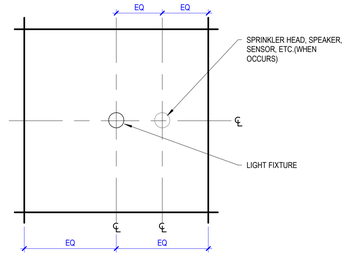



● MAIN RUNNER HANGER WIRE
○ SUPPLEMENTAL HANGER WIRE
△ SAFETY WIRE (SLACK)

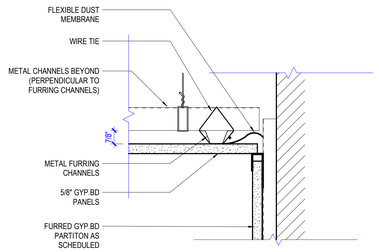
NOTE
ASTM E 580 5.3.3 FOR USE WHEN CROSS RUNNER CARRYING CAPABILITY IS < 16LB/FT

REFERENCE ASTM E 580 5.3.3

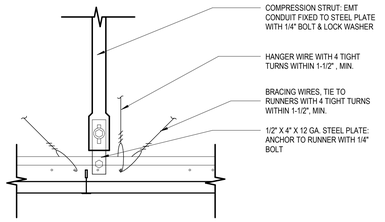
## 18 SUPP. HANGER @ 2X4 PERP. TO MAIN RUNNER
SCALE 3/4" = 1'-0"



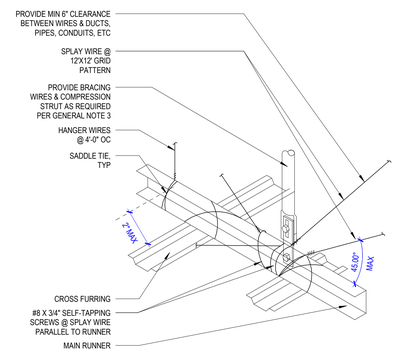

## 13 TILE WITH LIGHT AND SPRINKLER HEAD
SCALE 1 1/2" = 1'-0"



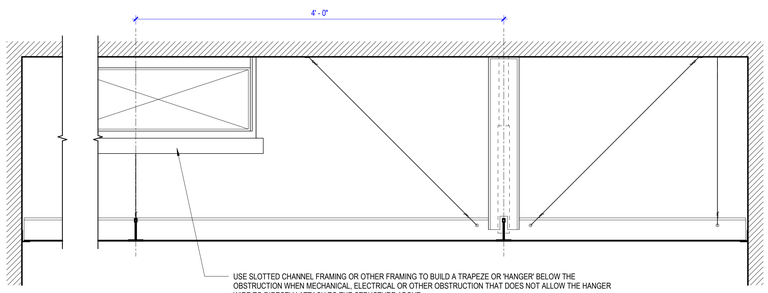

## 11 EDGE DETAIL STL FRAMED GYP BD CEILING
SCALE 3" = 1'-0"




## 6 COMPRESSION STRUT AT RUNNER
SCALE 3" = 1'-0"

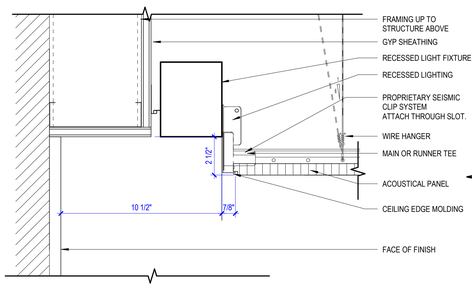



## 2 MAIN & CROSS RUNNER CONNECTION
SCALE 3" = 1'-0"



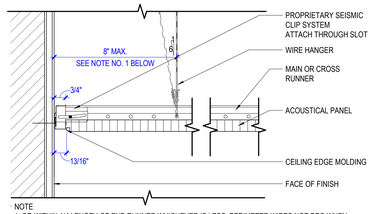

## 9 SUSPENDED CEILING DETAIL KEY
SCALE 1 1/2" = 1'-0"

REFERENCE ASTM E 580 5.2.7.4 & 5.2.8




1. OR WITHIN 1/4 LENGTH OF END TEE WHICHEVER IS LESS. PERIMETER WIRES NOT REQ WHEN LENGTH OF END TEE IS 8" OF LESS

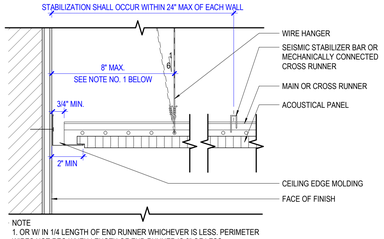
## UNATTACHED PERIMETER - AT SOFFIT W/ RECESSED LIGHTING
## 15
SCALE 3" = 1'-0"




NOTE
1. OR WITHIN 1/4 LENGTH OF END RUNNER WHICHEVER IS LESS. PERIMETER WIRES NOT REQ WHEN LENGTH OF END RUNNER IS 8" OF LESS

2. REFERENCE: ASTM E 580 5.2. MAY BE ALLOWED AS PART OF AN ENGINEERED SYSTEM PROVIDE ICC-ES REPORT 1308

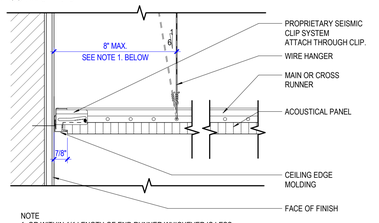
## 12 PERIM UNATCH'D PROPRIETARY
SCALE 3" = 1'-0"




NOTE
1. OR W/ IN 1/4 LENGTH OF END RUNNER WHICHEVER IS LESS. PERIMETER WIRES NOT REQ WHEN LENGTH OF END RUNNER IS 8" OF LESS

2. REFERENCES: ASTM E 580 5.2.5 FIGURE 6 & 5.2.6

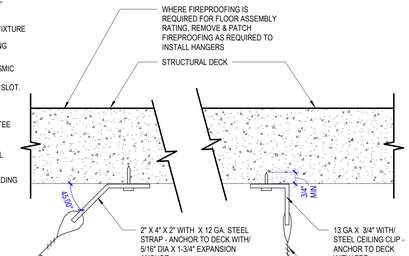
## 8 PERIM UNATCH'D
SCALE 3" = 1'-0"



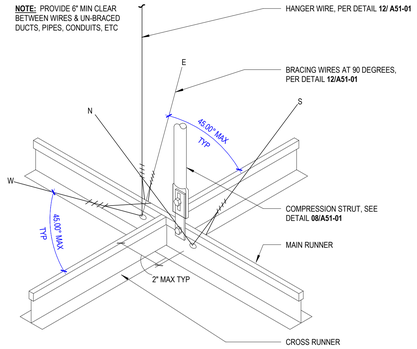

NOTE
1. OR WITHIN 1/4 LENGTH OF END RUNNER WHICHEVER IS LESS. PERIMETER WIRES NOT REQ WHEN LENGTH OF END RUNNER IS 8" OR LESS

2. REFERENCE: ASTM E 580 5.2. MAY BE ALLOWED AS PART OF AN ENGINEERED SYSTEM PROVIDE ICC-ES REPORT 1308

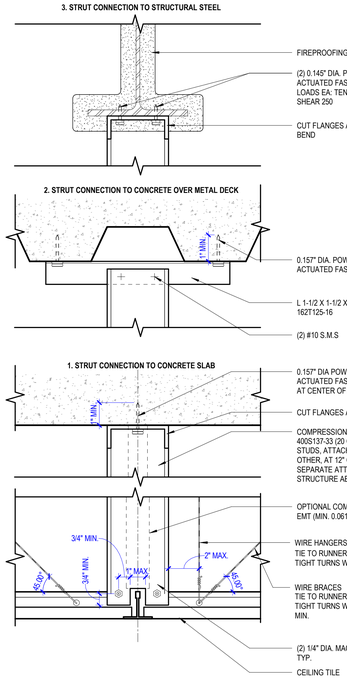
## 7 PERIM ATCH'D - PROPRIETARY
SCALE 3" = 1'-0"



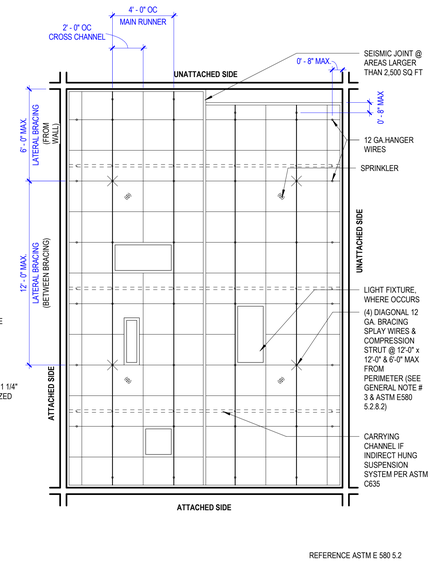

## 4 WIRE ATTACHMENT AT CONC. DECK
SCALE 3" = 1'-0"




## 3 LATERAL FORCE DIAGRAM
SCALE 3" = 1'-0"




## 10 COMPRESSION STRUCT AT RUNNER
SCALE 3" = 1'-0"




REFERENCE ASTM E 580 5.2

## 5 COMPRESSION STRUT SCHEDULE
SCALE 3" = 1'-0"

## 1 TYP SUSPENDED ACT CEILING
SCALE 1/4" = 1'-0"

## CEILING GENERAL NOTES

1. TYPICAL DETAILS:
   SEE TYP SUSPENDED GYP BD CEILING & ACOUSTICAL PANEL CEILING DETAILS THIS SHEET.
2. HANGER WIRES:
   PROVIDE 8 GA HANGER WIRES AT MAX. SPACING OF 4'-0" X 4'-0" ALONG MAIN RUNNERS. DO NOT SPLICE HANGER WIRES.
3. LATERAL FORCE BRACING:
   WHERE CEILINGS EXTEND TO ALL SIDES OF A SPACE UNINTERRUPTED ON ONE LEVEL NO LATERAL FORCE BRACING IS REQUIRED. WHERE CEILINGS DO NOT EXTEND TO ALL SIDES OF THE SPACE, WHERE PARTITIONS ARE SUPPORTED BY THE SUSPENDED CEILING, AND WHERE THERE ARE CHANGES IN PLANE, AND AS REQUIRED BY ICBO EVALUATION REPORT NO. ER-4071 PROVIDE LATERAL FORCE BRACING AS INDICATED.
4. PROVIDE SETS OF FOUR SPLAYED 12 GA BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT NOT MORE THAN 12 FEET BY 12 FEET ON CENTER.
5. PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN 1/2 OF THE ABOVE SPACINGS FROM EACH PERIMETER WALL AND AT THE EDGE OF VERTICAL CEILING OFFSETS. THE SLOPE OF THESE WIRES SHOULD NOT EXCEED 45 DEGREES FROM THE PLAN OF THE CEILING AND SHOULD BE THAT WITH CAUSING THE CEILING TO LIFT.
6. PROVIDE VERTICAL COMPRESSION STRUTS AT ALL LOCATIONS WHERE BRACING WIRES ARE REQUIRED
7. FASTEN HANGER WIRES WITH NOT LESS THAN 4 TIGHT TURNS. FASTEN SPLAY WIRES WITH 4 TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE WIRE ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE FORCES ACTING ON THE WIRE.
8. OBSTRUCTIONS:
   SEPARATE ALL CEILING HANGING AND BRACING WIRES AT LEAST 6 INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUITS, ETC. IT IS ACCEPTABLE TO ATTACH LIGHTWEIGHT ITEMS, SUCH AS SINGLE ELECTRICAL CONDUIT NOT EXCEEDING 3/4" NOMINAL DIAMETER WITH A FASTENER APPROVED BY THE STRUCTURAL ENGINEER.
9. PROVIDE TRAPESE OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 IN 6 OUT OF PLUMB SHALL HAVE COUNTER-SLOPING WIRES.
10. LIGHT FIXTURES:
    ALL LIGHT FIXTURES ARE TO BE SUPPORTED BY MAIN RUNNERS OR AUXILIARY FRAMING ATTACHED TO MAIN RUNNERS.
11. PROVIDE OVERSIZE RING, SLEEVE OR ADAPTER TO ALLOW FOR A MINIMUM OF 1" FREE MOVEMENT ALL AROUND SPRINKLER HEAD.

DESIGN CRITERIA:
CODE: 20XX XBC
SEISMIC DESIGN CATEGORY X
OCCUPANCY CATEGORY II = 1.0
SEISMIC SPLAY WIRE GROUPS BRACING
L/R RATIO OF 200 MAXIMUM

THE CRITERIA USED AND DESIGN OF THE STRUT IS TO BE VERIFIED FOR EACH PROJECT. THE SEISMIC STRUT IS TO BE ENGINEERED TO COMPLY WITH CODE REQUIREMENTS FOR THE PROJECT WHERE THEY MAY BE DIFFERENT THAN THE DESIGN INDICATED IN THIS DETAIL.

STRUTS AND BRACING WIRES ARE TO BE PROVIDED AND ENGINEERED WHERE PARTITIONS ARE INDICATED TO BE ATTACHED TO AND BRACED BY THE CEILING SYSTEM

| EMT | MAX. HEIGHT |
|---|---|
| SIZE | ft - in |
| 1/2" | 4'-0" |
| 3/4" | 5'-2" |
| 1" | 6'-6" |
| 1 1/4" | 8'-6" |
| 1 1/2" | 9'-11" |


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PRCTI20250548

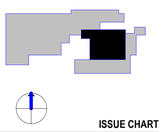
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning | Engineering | Public Works | Fire | Traffic

PHASE 2 PERMIT DOCUMENTS 07.25.2025

**MultiCare Good Samaritan Hospital Kitchen**
401 15th Ave SE,
Puyallup,
WA 98372

MultiCare Good Samaritan Hospital
MULTICARE

KEY PLAN



ISSUE CHART

| MARK | ISSUE | DATE |
|---|---|---|
| B | CRS CORRECTIONS | 07.11.2025 |
| A | PERMIT CORRECTIONS | 07.11.2025 |

Job Number 162433.000

TITLE
TYPICAL SUSPENDED CEILING DETAILS

SHEET NUMBER
A51-10

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