PRCTI20221698

Abbreviations

AB	ANCHOR BOLT
AC	ACOUSTICAL
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
A/E	ARCHITECT OR ENGINEER
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ALUM	ALUMINUM
ANOD	ANODIZED
APC	ACOUSTIC PANEL CEILING
ARCH	ARCHITECT, ARCHITECTURAL
ASF	ALUMINUM STOREFRONT
BAR	REINFORCING BAR
BFF	BELOW FINISH FLOOR
BLDG	BUILDING
BLKG	BLOCKING
BMU	BRICK MASONRY UNIT
BO	BOTTOM OF
BS	BOTH SIDES
BTWN	BETWEEN
BUR	BUILT-UP ROOF
CG	CORNER GUARD
CH	CEILING HEIGHT
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CPT	CARPET
CR	COLD ROLLED
CT	CERAMIC TILE
CTR	CENTER
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DL	DEADLOAD
DN	DOWN
DP	DIMENSION POINT
DR	DOOR
DS	DOWNSPOUT
DW	DISHWASHER
DWG	DRAWING
(E)	EXISTING
E	EAST
EA	EACH
EB	EXPANSION BOLT
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERIOR
F	FIXTURE (LIGHT FIXTURE)
FB	FLAT BAR
FBO	FURNISHED BY OWNER
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FG	FINISH GRADE
FIN	FINISH
FIXT	FIXTURE
FLSHG	FLASHING
FND	FOUNDATION
FO	FACE OF
FOIC	FURNISHED BY OWNER INSTALLED BY CONTRACTOR
FOIO	FURNISHED AND INSTALLED BY OWNER
FT	FOOT, FEET
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GB	GRAB BAR
G&S	GLUE & SCREW
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
GL	GLASS
GL	GRID LINE
GMT	GLASS MOSAIC TILE
GWB	GYPSUM BOARD
GS	GYPSUM SHEATHING
H	HIGH
HI	HIGH
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HR	HOUR
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HWD	HARDWOOD
HWH	HOT WATER HEATER
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDE, INCLUDING
INSUL	INSULATE, INSULATION
INT	INTERIOR
JT	JOINT
KO	KNOCK OUT
L	LOCK
L	LONG
L	LOW
LAM	LAMINATE, LAMINATED
LAV	LAVATORY
LL	LIVE LOAD
LN	LINOLEUM
LO	LOW
LT	LIGHT
LV	LIGHT VALENCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	METAL BASE
MECH	MECHANICAL
MEMB	MEMBRANE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
MW	MICROWAVE
N	NORTH
NIC	NOT IN CONTRACT
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OCC	OCCUPANTS, OCCUPANCY
OD	OUTSIDE DIAMETER
OFF	OFFICE
OH	OVERHAND
OPNG	OPENING
OPP	OPPOSITE VIEW
OTS	OPEN TO STRUCTURE
P	PAINT
P-	PLUMBING FIXTURE
PC	POLYMER CEMENT
PERF	PERFORATED
PH	PANIC HARDWARE
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTIC
PLYWD	PLYWOOD
PNL	PANEL
PNT	PAINT, PAINTED
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PT	PRESSURE TREATED
PTH	PAPER TOWEL HOLDER
R	RADIUS
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REF	REFER, REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCE, REINFORCED
REQD	REQUIRED
REV	REVISION
RM	ROOM
RO	ROUGH OPENING
RP	RESIN PANEL
SCHED	SCHEDULE
SD	SMOKE DETECTOR
SF	SQUARE FEET
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SMC	SUSPENDED METAL CEILING
SOG	SLAB ON GRADE
SP	SPLASH PAN
SPEC	SPECIFICATION, SPECIFIED
SQ	SQUARE
SSF	SOLID SURFACING
SSTL	STAINLESS STEEL
STL	STEEL
STOR	STORAGE
STN	STAIN
STRUCT	STRUCTURAL
SUSP	SUSPENDED
T	THERMOSTAT
T&G	TONGUE & GROOVE
TEL	TELEPHONE
TEMP	TEMPORARY
TEMP	TEMPERED
THK	THICK
TO	TOP OF
TOS	TOP OF STRUCTURE
TOW	TOP OF WALL
TS	TUBE STEEL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V	VERIFY
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VP	VENEER PLASTER
W	WATT(S)
W	WIDE
W	WINDOW
W/	WITH
WC	WATER CLOSET
WD	WOOD
W/D	WASHER/DRYER
WH	WATER HEATER
W/O	WITHOUT
WP	WATERPROOF
WT	WEIGHT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH

SYMBOLS

&	AND
L	ANGLE
@	AT
C	CHANNEL
#	NUMBER

CITY OF PUYALLUP
Planning Division Approved Site Plan
(253) 864-4165
MINIMUM SETBACK REQUIREMENTS
Front Yard: 0'* Rear Yard: 0'
Interior Side Yard: Left: 0' Right: 0'
Street Side Yard: 0'
Zoning District: CBD-CORE
Permit #: PRCTI20221698

Additional Conditions/Comments

Associated downtown design review permit: PLDDG20230004 approved 04/11/2023

Staff: NComstock
Date: 05/09/2023
Front, rear, and side yard property lines shall be marked with string from surveying pins prior to footing inspection.

Drawing Symbols

NORTH ARROW

GRID LINE MARKER (1)

EXTERIOR ELEVATION (1 / A101)

BUILDING SECTION (SIM / 1 / A1.01)

WALL SECTION (SIM / 1 / A101)

DETAIL (1 / A101)

INTERIOR ELEVATIONS (# / A101 / #)

ROOM NAME / 101 / F1 (CPT-1) — ROOM NAME, ROOM NUMBER, FLOOR FINISH (FINISH COLOR)

W1 — WINDOW TYPE

101A — DOOR NUMBER

RE1 — RELITE TYPE

10'-0" AFF — CEILING TYPE, CEILING HEIGHT

1 — PARTITION TYPE

1 — MATERIAL TAG

B.O.S. 9' - 6" — ELEVATION

(410) — EXISTING TOPOGRAPHY

410 — NEW TOPOGRAPHY

CONC ◄► CPT — FLOOR FINISH TRANSITION

1-HOUR FIRE RATED ENCLOSURE

2-HOUR FIRE RATED BUILDING SEPARATION

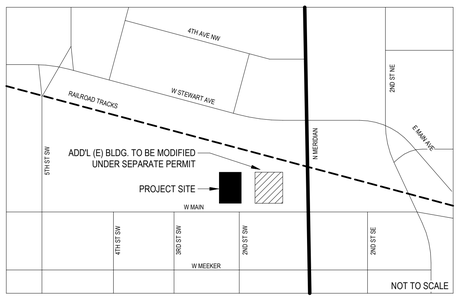
MATCHLINE

1 — REVISION TAG

T — TEACHING STATION TAG

Vicinity Map

NORTH



General Notes

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE PROCEEDING WITH WORK. CONTRACTOR SHALL REPORT ERRORS, OMISSIONS AND DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
2. DIMENSIONS ARE SHOWN FACE OF STUD, FACE OF CONCRETE OR MASONRY, AND TO CENTERLINE OF GRID LINES, UNLESS NOTED OTHERWISE ON THE DRAWINGS. DIMENSIONS ARE SHOWN TO FACE OF FINISH FOR EXISTING WORK.
3. ALL APPLICABLE CODES AND ORDINANCES TAKE PRECEDENCE OVER ALL DRAWINGS, NOTES AND SPECIFICATIONS.
4. ALL WORK IS TO CONFORM TO THE CURRENT VERSION OF THE INTERNATIONAL BUILDING CODE (IBC) AND ALL AMENDMENTS IN EFFECT IN THE PERMITTING JURISDICTION AT THE TIME OF PERMITTING.
5. REPETITIVE FEATURES DRAWN OR NOTED ONLY ONCE SHALL BE COMPLETELY PROVIDED AS IF DRAWN OR NOTED IN FULL.
6. THESE DRAWINGS ARE SPECIFIC TO THIS PROJECT. THESE DRAWINGS OR PORTIONS THEREOF SHALL NOT BE USED FOR OTHER PROJECTS.
7. STOP WORK AND NOTIFY OWNER IF ASBESTOS OR HAZARDOUS MATERIALS ARE DISCOVERED.
8. DO NOT SCALE THE DRAWINGS. THE CONTRACTOR SHALL REFER TO DIMENSIONS SHOWN ON DRAWINGS AND INFORM ARCHITECT OF ANY DISCREPANCIES.

Materials & Symbols

COMPACTED EARTH

SAND, GRAVEL, OR CRUSHED ROCK

CONCRETE

METAL

MASONRY (IN PLAN)

WOOD - BLOCKING

WOOD - CONTINUOUS

WOOD FINISH

RIGID INSULATION

MINERAL WOOL BATT INSULATION

MINERAL WOOL BOARD INSULATION

GYPSUM BOARD

Project Information

Owner

COMMUNITY HEALTH CARE
1148 BROADWAY, SUITE 100
TACOMA, WA 98042
CONTACT: DEBBIE JACOBSON

Owner Project Manager

ROCK PROJECT MANAGEMENT SERVICES
1601 E VALLEY RD, SUITE 110
RENTON, WA 98057
CONTACT: ANNE REESE

Project Description

ADDRESS
201 W MAIN
PUYALLUP, WA 98371

TAX PARCEL NUMBER
7940100244

ZONING
CBD-CORE

PROJECT DESCRIPTION
PROJECT SCOPE RECAP ONLY. REFER TO DRAWINGS AND SPECIFICATIONS FOR DESCRIPTION AND REQUIREMENTS.

ALTERATIONS TO EXISTING BUILDING TO CHANGE FROM OFFICE SPACE TO OUTPATIENT MEDICAL & DENTAL CLINIC, PHARMACY AND SUPPORT SPACES.

LEGAL DESCRIPTION
Section 28 Township 20 Range 04 Quarter 14 STEWARTS J P 1ST ADD PARCEL "A" OF DBLR 2006-04-14-5003 DESC AS FOLL COM AT 1/4 SEC COR COM TO SEC 28 & 27 TH N 89 DEG 11 MIN 44 SEC W 457.20 FT ALG C/L OF MAIN ST TH N 00 DEG 48 MIN 16 SEC E 30 FT TO S LI OF B 4 & POB TH N 01 DEG 07 MIN 04 SEC E 76.45 FT TH S 89 DEG 11 MIN 44 SEC E 5 FT TH N 01 DEG 07 MIN 04 SEC E 30 FT TH S 89 DEG 11 MIN 44 SEC E 6.50 FT TH N 01 DEG 07 MIN 04 SEC E 63.85 FT TO NLY LI OF SD B 4 TH S 74 DEG 19 MIN 59 SEC E 69.21 FT TH S 89 DEG 11 MIN 44 SEC E 44.65 FT TH N 00 DEG 41 MIN 04 SEC E 3.39 FT TH S 89 DEG 11 MIN 44 SEC 20.19 FT TO BEG OF NON TANG C TO L RAD OF 101 FT RAD CTR S 27 DEG 01 MIN 36 SEC TH ALG SD CURVE 14.97 THRU CENT ANGLE OF 08 DEG 29 MIN 30 SEC TH S 00 DEG 48 MIN 16 SEC W 161.91 FT TO NLY MAR OF SD ST TH N 89 DEG 11 MIN 44 SEC W 157.87 FT TO POB OUT OF 024-3 SEG 2006-1084 04/26/06CL

Project Team

Architect

MILLER HAYASHI ARCHITECTS PLLC
118 N 35TH STREET, SUITE 200
SEATTLE, WA 98103
206 634 0177
CONTACT: ELLEN HAGEN

Landscape Architect

KKLA
111 WEST JOHN STREET SUITE 306
SEATTLE, WA 98119
CONTACT: KAREN KIEST

Civil Engineer

COUGHLIN PORTER LUNDEEN
801 SECOND AVE, SUITE 900
SEATTLE, WA 98104
CONTACT: KEITH KRUGER

Structural Engineer

PCS STRUCTURAL SOLUTIONS
1250 PACIFIC AVE, SUITE 701
TACOMA, WA 98402
CONTACT: TODD PARKE

Mechanical Engineer

TRES WEST ENGINEERS
2702 42ND ST. SUITE 301
TACOMA WA 98409
CONTACT: DAVID MOORE

Electrical Engineer

TRES WEST ENGINEERS
2702 42ND ST. SUITE 301
TACOMA WA 98409
CONTACT: BRAD YOUNG

ALTERNATES

BID ALTERNATE 1: BASE BID: RE-PAINT EXTERIOR SIDING & TRIM. RE-SEAL AT JOINTS OF WINDOWS AND TRIM. ALTERNATE: RE-SIDING IN KIND, INCLUDING NEW WEATHER BARRIER, SEALANT, PAINT

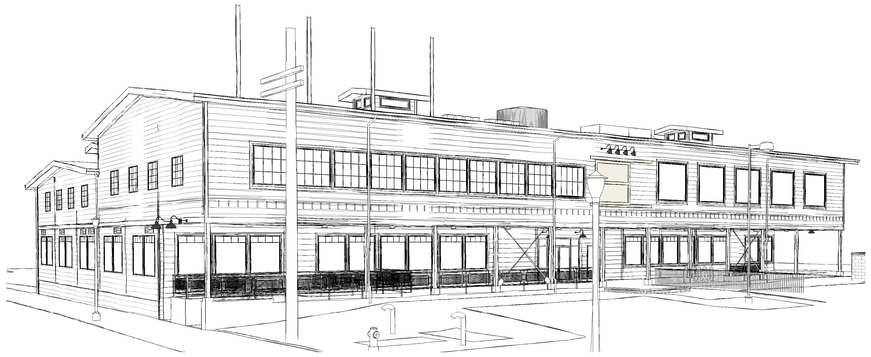
BID ALTERNATE 2: BASE BID: PATCH AND REPAIR EXISTING ROOF AT NEW MECHANICAL PER PLAN. ALTERNATE: REPLACE ROOF WITH MOD-BIT.

BID ALTERNATE 3: BASE BID: REPLACE EXISTING EXTERIOR NORTH EGRESS STAIR AND ENCLOSE PER PLAN. ALTERNATE: REPLACE EXISTING EXTERIOR NORTH EXIT STAIR WITH DESIGN BUILD EXTERIOR EGRESS STAIR.

BID ALTERNATE 4: NOT USED

BID ALTERNATE 5: ROW WORK FOR NEW ELECTRICAL SERVICE AT CANNERY FROM (E) POLE TO HAND PULL VAULT REFER TO CIVIL

CHC Puyallup - Cannery



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City of Puyallup
Building
ACCEPTED
JMontgomery
05/05/2023
7:42:12 AM

City of Puyallup
Development
Engineering
APPROVED
See permit conditions.
ycharitou
05/02/2023
8:29:56 AM

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 LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITEE ON SITE FOR INSPECTION

Approval of submitted plans is not an approval of omissions or oversights 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 codes and regulations of the local government.

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE T. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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

PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

TITLE SHEET, SHEET INDEX & GENERAL NOTES

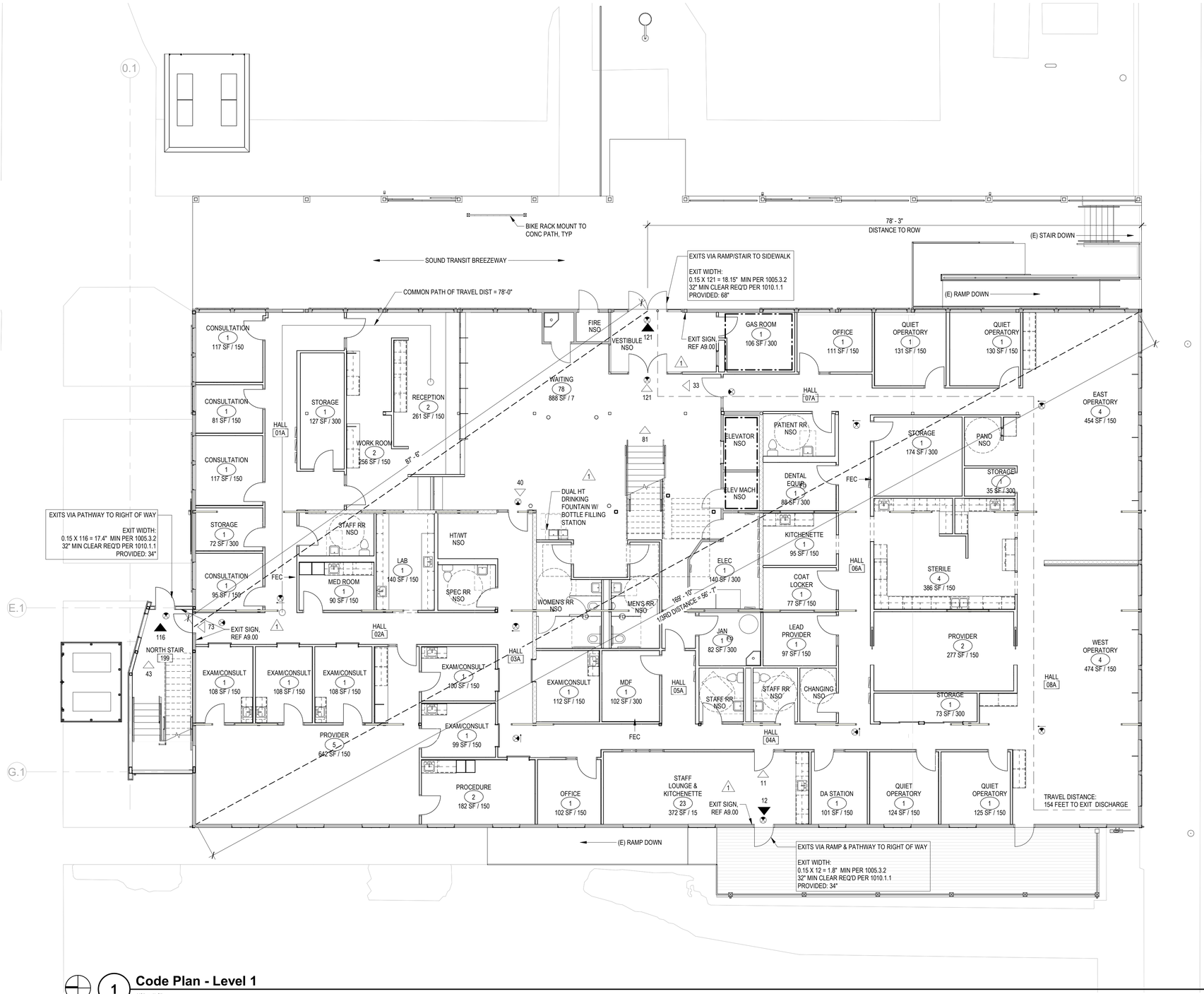
SHEET NO.

AA1.00

© MILLER HAYASHI ARCHITECTS

2213

PRCTI20221698



1 Code Plan - Level 1

1/8" = 1'-0"

Code Plan Legend

Name — ROOM NAME
(#) — OCCUPANT LOAD
150 SF / 100 — OCCUPANT LOAD FACTOR
ROOM AREA

EXIT PATHWAY
XX — OCCUPANT LOAD AT EXIT
XX — OCCUPANT LOAD FROM SPACE

FEC — FIRE EXTINGUISHER CABINET
ILLUMINATED EXIT SIGN

DENOTES EXTENTS OF OCCUPANCY GROUP INDICATED
1-HR FIRE RATED ASSEMBLY
BUILDING SEPARATION LINE

Building Code Summary

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE

CHAPTER 3 USE AND OCCUPANCY
SECTION 303.1.2: SMALL ASSEMBLY SPACES.
1. A ROOM OR SPACE USED FOR ASSEMBLY PURPOSES WITH AN OCCUPANT LOAD OF LESS THAN 50 PERSONS AND ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS GROUP B OCCUPANCY OR AS PART OF THAT OCCUPANCY.
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SECTION 304.1 BUSINESS GROUP B (CLINIC, OUTPATIENT, ADMIN AREAS)

CHAPTER 6 TYPE OF CONSTRUCTION
SECTION 602 TYPE VB FULLY SPRINKLERED
TABLE 602 IF STRUCTURES ARE WITHIN 10 FEET, 1-HR EXTERIOR WALL CONSTRUCTION REQUIRED.

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SECTION 712.1.9 TWO STORY OPENINGS PERMITTED FOR USES NOT LISTED IN THIS SECTION
SECTION 712.1.12 EXIT ACCESS STAIRWAYS AND RAMPS IN ACCORDANCE WITH 1019 ARE PERMITTED

SECTION 718 CONCEALED SPACES
SECTION 718.4.3 ATTIC DRAFT STOPPING EXCEPTION: DRAFT STOPPING IS NOT REQUIRED IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1

CHAPTER 10 MEANS OF EGRESS
SECTION 1004 OCCUPANT LOAD
TABLE 1004.1.2 MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT:

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ASSEMBLY- UNCONCENTRATED (TABLES AND CHAIRS):	15 NET
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SECTION 1005.3.2 OTHER EGRESS COMPONENTS. 0.15" WIDTH PER OCCUPANT WHEN SPRINKLERED; 0.2" IF NONSPRINKLERED.
SECTION 1005.7.1 ENCROACHMENT. DOORS SHALL NOT REDUCE REQUIRED WIDTH BY MORE THAN 7" WHEN FULLY OPEN OR BY MORE THAN HALF IN ANY POSITION.

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SECTION1006.3.1 EGRESS BASED ON OCCUPANT LOAD:
TABLE 1006.3.1: 1-500 OCCUPANTS PER STORY = MINIMUM 2 EXITS OR ACCESS TO EXITS FROM STORY

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SECTION 1007.1.1 TWO EXITS OR EXIT ACCESS DOORWAYS. TWO REQUIRED EXITS SHALL BE PLACED NOT LESS THAN 1/2 THE OVERALL DIAGONAL DIMENSION.
EXCEPTION 2. WHERE A BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM THE SEPARATION DISTANCE SHALL NOT BE LESS THAN 1/3 THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED.

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SECTION 1011.2 WIDTH AND CAPACITY
THE REQUIRED CAPACITY OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1, BUT THE MINIMUM WIDTH SHALL BE NOT LESS THAN 44 INCHES. SEE SECTION 1009.3 FOR MEANS OF EGRESS STAIRWAYS
EXCEPTION 1. STAIRWAYS SERVING AN OCCUPANT LOAD OF LESS THAN 50 SHALL HAVE A WIDTH OF NOT LESS THAN 36 INCHES.
SECTION 1011.5 STAIR TREADS AND RISERS
SECTION 1011.5.2 STAIR RISER HEIGHTS SHALL BE 7 INCHES MAXIMUM AND 4 INCHES MINIMUM…RECTANGULAR TREAD DEPTHS SHALL BE 11 INCHES MINIMUM…
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TABLE 1020.1 CORRIDOR FIRE-RESISTANCE RATING:
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SECTION 2902 MINIMUM PLUMBING FACILITIES
TABLE 2902.1 MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES:

OCCUPANCY	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS
	MALE	FEMALE	MALE	FEMALE	
B Occupancy: 27,593 SF/150 184 Total occupants (92 Male + 92 Female)	1 PER 25 FOR FIRST 50, 1 PER 50 FOR REMAINDER		1 PER 40 FOR FIRST 80, 1 PER 80 FOR REMAINDER		1 PER 150, 1 PER EA. ADDL 500
	First 50 = (2) + .84 2.84	First 50 = (2) + .84 2.84	First 80 = (2) + .15 2.15	First 80 = (2) + .15 2.15	First 150 = (1) + .28 1.28
SUM REQUIRED (B)	2.84 3	2.84 3	2.15 3	2.15 3	1.28 2
TOTAL REQUIRED	**3**	**3**	**3**	**3**	**2**
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CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE E. HAYASHI STATE OF WASHINGTON

CONSULTANT

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PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

CODE PLAN LEVEL 1

SHEET NO.

AA1.10

© MILLER HAYASHI ARCHITECTS 2213

PRCTI20221698

1 Code Plan - Level 2

1/8" = 1'-0"

Code Plan Legend

Name — ROOM NAME
— OCCUPANT LOAD
150 SF / 100 — OCCUPANT LOAD FACTOR
ROOM AREA

EXIT PATHWAY
XX — OCCUPANT LOAD AT EXIT
XX — OCCUPANT LOAD FROM SPACE

FEC — FIRE EXTINGUISHER CABINET
ILLUMINATED EXIT SIGN

DENOTES EXTENTS OF OCCUPANCY GROUP INDICATED
1-HR FIRE RATED ASSEMBLY
BUILDING SEPARATION LINE

Building Code Summary

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE

CHAPTER 3 USE AND OCCUPANCY
SECTION 303.1.2: SMALL ASSEMBLY SPACES.
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CONSULTANT

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BUILDING DEPARTMENT'S STAMP

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

PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

CODE PLAN LEVEL 2

SHEET NO.

AA1.11

PRCTI20221698

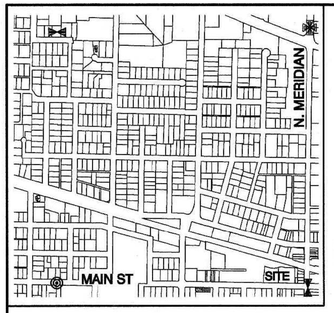
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

RECORD OF SURVEY

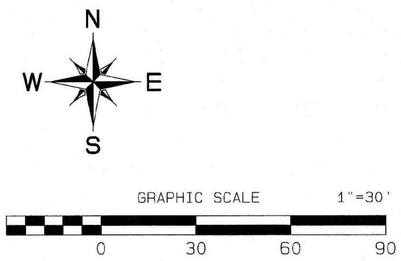
ALTA/NSPS LAND TITLE SURVEY

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
TOWNSHIP 20 N, RANGE 4 E, WILLAMETTE MERIDIAN
CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON

BOUNDARY EXHIBIT



VICINITY MAP
1" = 1000'



SURVEYOR'S NOTES

1. BASIS OF BEARING: ALONG THE CENTERLINE OF WEST MAINT, BETWEEN THE MONUMENTS SHOWN

HORIZONTAL DATUM, WASHINGTON SOUTH ZONE, NAD 83/2011, EPOCH 2010, UTILIZING WASHINGTON STATE REFERENCE NETWORK (WSRN)

2. THE METHOD OF MONUMENT LOCATION WAS BY FIELD TRAVERSE, AND GPS OBSERVATION THE INSTRUMENTS USED WERE A TRIMBLE S-6 TOTAL STATION AND A TRIMBLE R-10-2 GNSS RECEIVER.

3. THIS SURVEY COMPLIES WITH ALL STANDARDS AND GUIDELINES OF THE SURVEY RECORDING ACT CHAPTER 58.09 RCW AND 332-130 WAC

4. THIS SURVEY DOES NOT PURPORT TO SHOW ALL EASEMENTS OR UTILITIES EXCEPT AS SHOWN OR DISCLOSED BY CHICAGO TITLE NO. 211310-TC

5. ADDITIONAL REFERENCES:

BOUNDARY LINE ADJUSTMENT 200510285005

LEGEND

MONUMENT CACLCULATED OR AS NOTED

SET REBAR AND I.D. CAP OR NAIL WITH I.D. WASHER

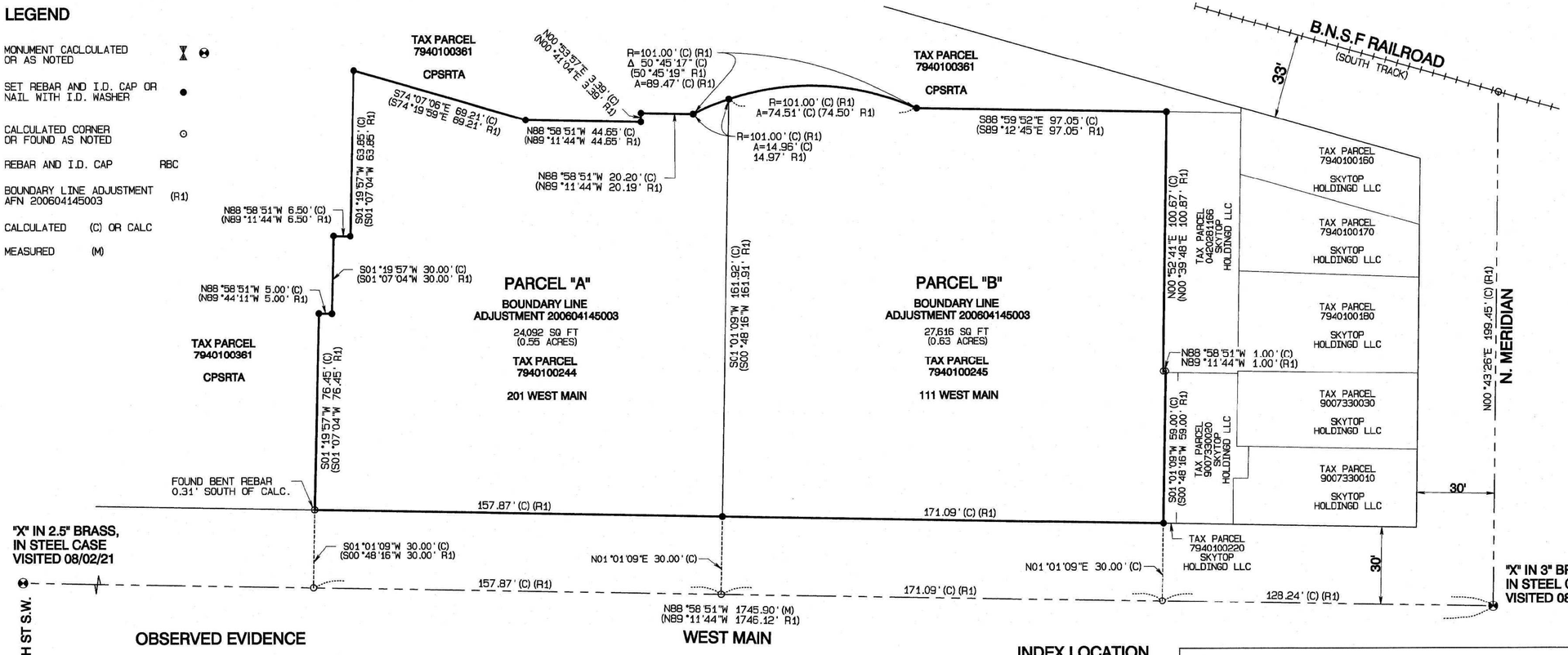
CALCULATED CORNER OR FOUND AS NOTED

REBAR AND I.D. CAP RBC

BOUNDARY LINE ADJUSTMENT AFN 200604145003 (R1)

CALCULATED (C) OR CALC

MEASURED (M)



OBSERVED EVIDENCE

1. THERE WAS NO EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.

2. THERE WAS NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.

3. THERE WAS NO EVIDENCE THAT THE SITE WAS USED AS A SOLID WASTE DUMP, SUMP, OR SANITARY LANDFILL.

4. THERE WAS NO OBSERVABLE EVIDENCE THAT THE SITE WAS WITHIN 100 FEET OF A CEMETERY OR BURIAL GROUND.

5. THERE WERE NO ENCROACHMENTS EXCEPT AS SHOWN ON SHEET 2.

ZONING CBD-CORE

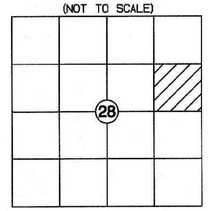
CENTRAL BUSINESS DISTRICT CORE

FEMA FLOOD ZONE "X"

AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN

INDEX LOCATION

S.28-T.20N-R.4E
(NOT TO SCALE)



ALTA/NSPS CERTIFICATION TO:

COMMUNITY HEALTH CARE A WASHINGTON NON-PROFIT CORPORATION AND CHICAGO TITLE COMPANY OF WASHINGTON

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT BASED WERE MADE IN ACCORDANCE WITH THE 2021 MINIMUM STANDARDS DETAIL REQUIREMENTS FOR ALTA/NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 7(a), 8, 9, 13, 15, AND 18, OF TABLE A THEREOF. THE FIELD WORK WAS COMPLETED ON AUGUST 8, 2021

DATE OF PLAT OR MAP 08/18/2021

8-18-21

THOMAS J. GALVIN CERTIFICATE NO. 42686

AZURE | GREEN
CONSULTANTS
+feasibility +planning +engineering +surveying
409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3142

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS _____ DAY OF _____

2021, AT THE REQUEST OF _____

RECORDERS FEE NO: _____

DEPUTY COUNTY AUDITOR

SURVEYOR'S CERTIFICATE

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN AUGUST 2021 IN CONFORMANCE WITH THE REQUIREMENTS OF SURVEY RECORDING ACT AT THE REQUEST OF FOR: COMMUNITY HEALTH CARE

8-18-21

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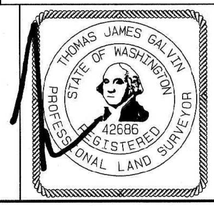

SHEET 1 OF 6

RECORD OF SURVEY ALTA/NSPS

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 30 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

RECORD OF SURVEY

ALTA/NSPS LAND TITLE SURVEY

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
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CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON

BUILDINGS / UTILITIES

PRCTI20221698

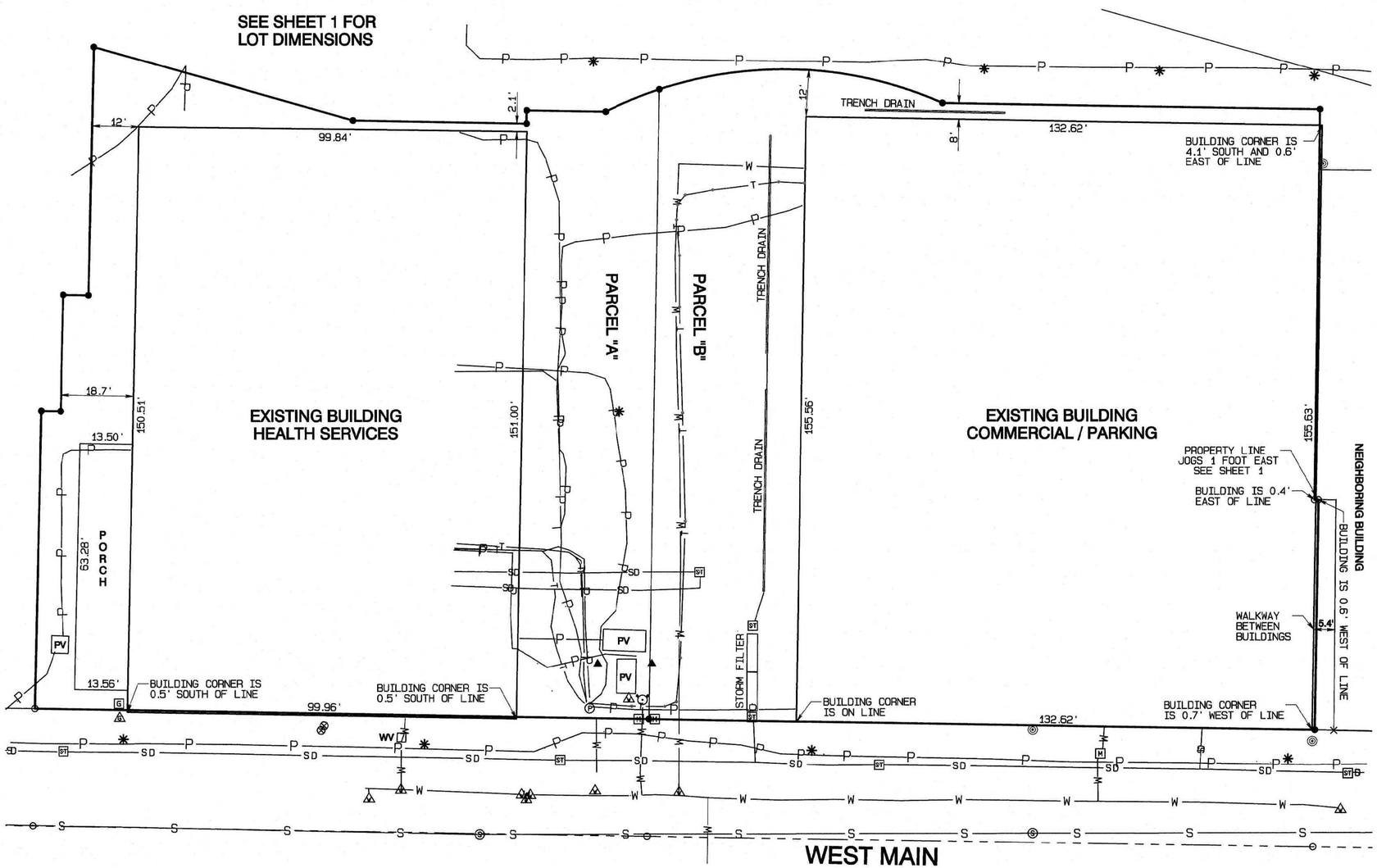
City of Puyallup
Development & Permitting Services
ISSUED PERMIT
Building | Planning
Engineering | Public Works
Fire | Traffic

N W E S

GRAPHIC SCALE 1"=20'
0 20 40 60

LEGEND

- SET REBAR AND I.D. CAP OR NAIL WITH I.D. WASHER
- CALCULATED CORNER OR FOUND AS NOTED
- FIRE HYDRANT
- FIRE DEPARTMENT CONNECTION
- CATCH BASIN
- STORM MANHOLE
- SEWER MANHOLE
- SEWER CLEANOUT
- STORM CLEANOUT
- WATER METER
- WATER VALVE
- POWER POLE
- GUY WIRE
- LIGHT STANDARD
- GAS VALVE
- GAS METER
- POWER VAULT PV
- WATER VAULT WV
- SEWER LINE S
- STORM LINE SD
- POWER LINE P
- WATER LINE W
- GAS LINE G
- COMM. LINE T



AZURE | GREEN
CONSULTANTS
+feasibility +planning +engineering +surveying
409 East Pioneer, Suite A - Puyallup, WA 98372 phone: 253.770.3144 fax: 253.770.3142

THOMAS JAMES GALVIN
STATE OF WASHINGTON
42686
REGISTERED
PROFESSIONAL LAND SURVEYOR

RECORD OF SURVEY
ALTA/NSPS

SHEET 2 OF 6

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 20 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

RECORD OF SURVEY

ALTA/NSPS LAND TITLE SURVEY

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
TOWNSHIP 20 N, RANGE 4 E, WILLAMETTE MERIDIAN
CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON

ADDITIONAL IMPROVEMENTS

PRCTI20221698

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

N W E S

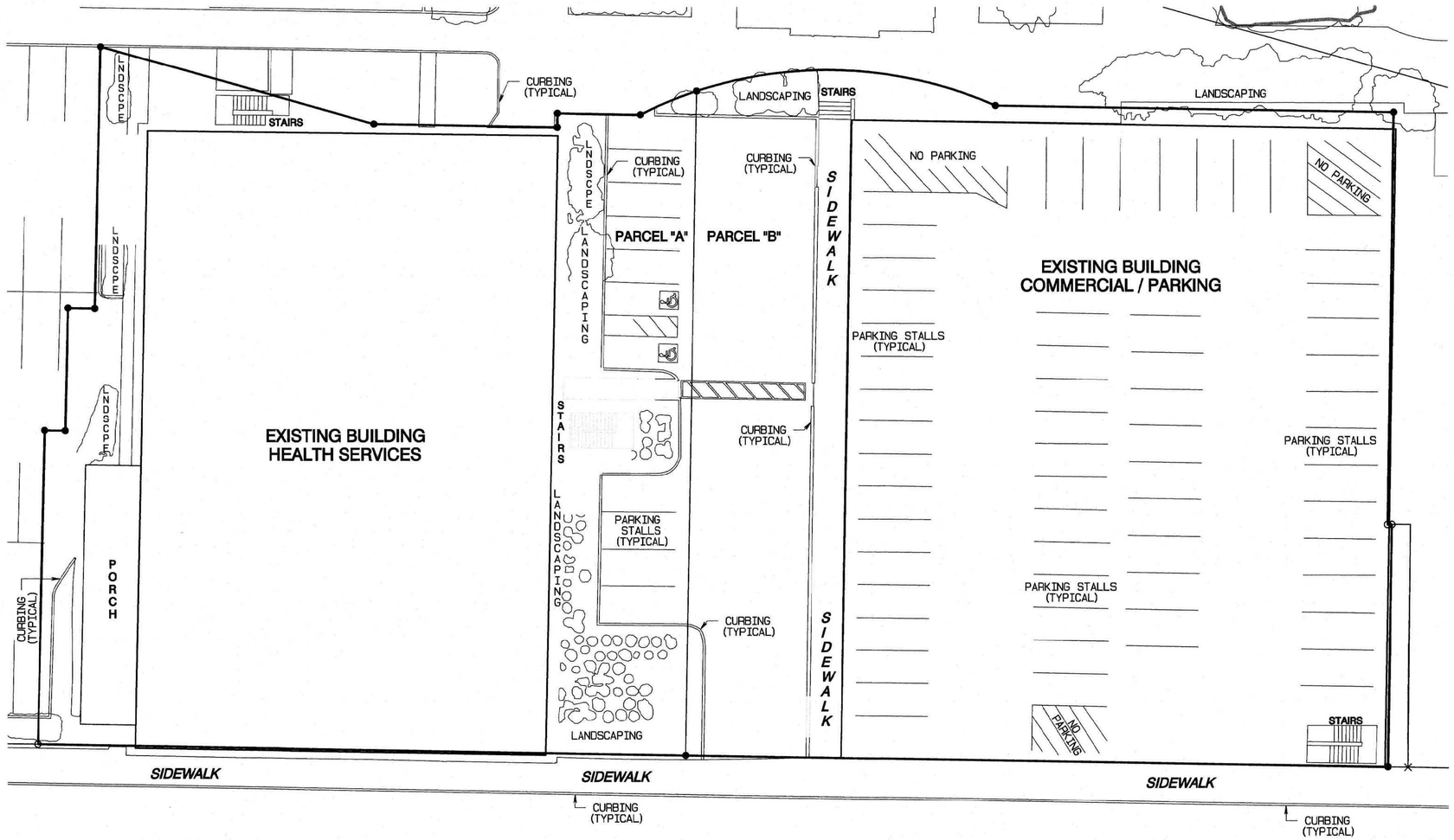
GRAPHIC SCALE 1"=20'
0 20 40 60

SEE SHEET 1 FOR LOT DIMENSIONS

LEGEND

SET REBAR AND I.D. CAP OR NAIL WITH I.D. WASHER ●

CALCULATED CORNER OR FOUND AS NOTED ○



SEE SHEET 1 FOR LOT DIMENSIONS

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+feasibility +planning +engineering +surveying
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THOMAS JAMES GALVIN — STATE OF WASHINGTON — 42686 — REGISTERED PROFESSIONAL LAND SURVEYOR

RECORD OF SURVEY ALTA/NSPS SHEET 3 OF 6

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 20 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

PRCTI20221698

RECORD OF SURVEY

ALTA/NSPS LAND TITLE SURVEY

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
TOWNSHIP 20 N, RANGE 4 E, WILLAMETTE MERIDIAN
CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON

EASEMENTS

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

N
W E
S

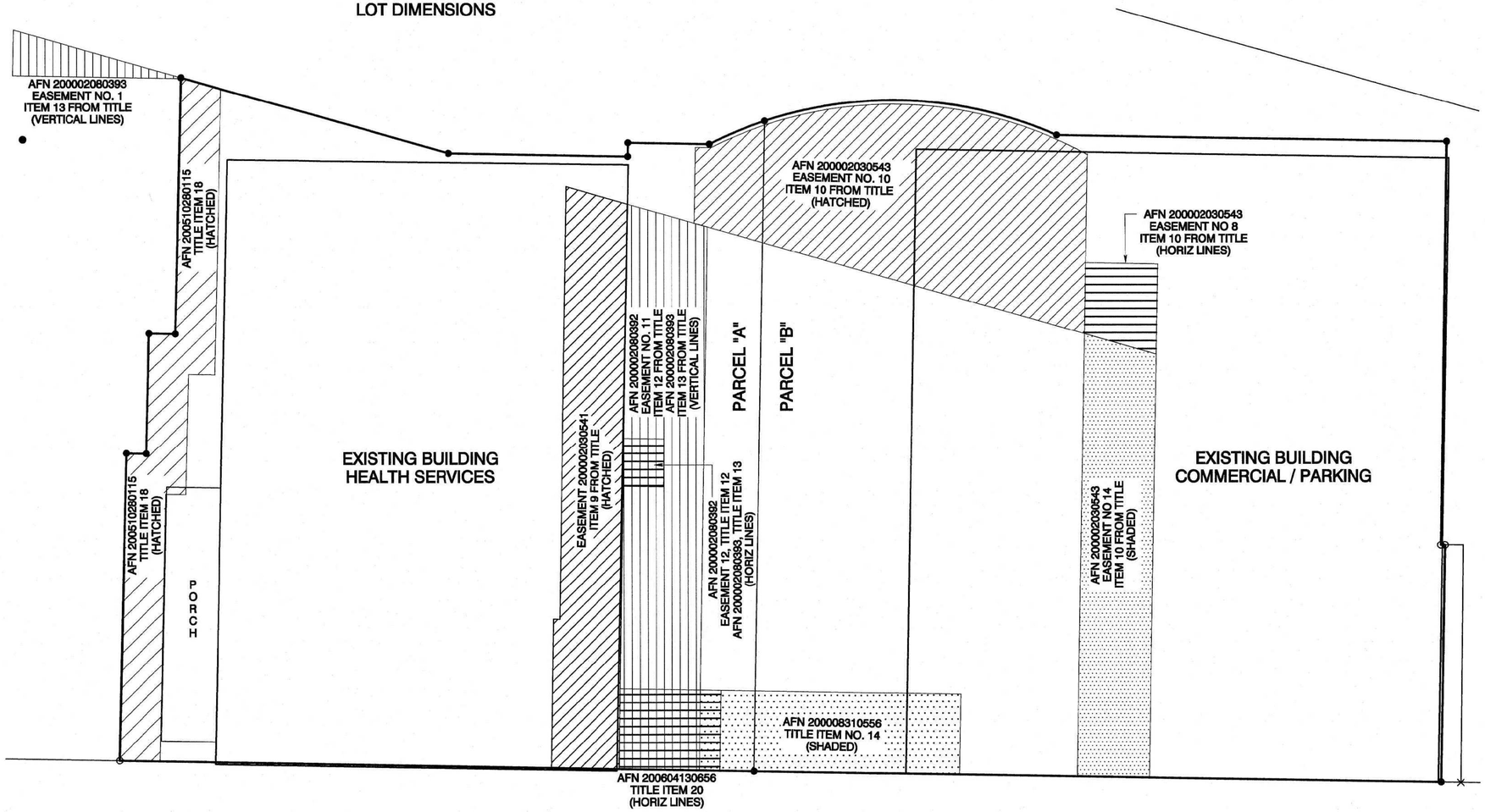
GRAPHIC SCALE 1"=20'
0 20 40 60

SEE SHEET 1 FOR
LOT DIMENSIONS

LEDGEND

SET REBAR AND I.D. CAP OR NAIL WITH I.D. WASHER

CALCULATED CORNER OR FOUND AS NOTED



SEE SHEET 1 FOR
LOT DIMENSIONS

WEST MAIN

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THOMAS JAMES GALVIN
STATE OF WASHINGTON
42686
REGISTERED
PROFESSIONAL LAND SURVEYOR

RECORD OF SURVEY
ALTA/NSPS

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 20 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

PRCTI20221698

RECORD OF SURVEY

ALTA/NSPS LAND TITLE SURVEY

LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
TOWNSHIP 20 N, RANGE 4 E, WILLAMETTE MERIDIAN
CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON

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

RECORD MATTERS

1. Easement to dig a ditch and maintain water pipes within 20 rods of either side of Northern Pacific Railway right of way granted to Puget Sound Manufacturing Co. and Ezra M. Meeker by deeds recorded in Book 7 of Deeds at Page 123, and in Book 22 of Deeds at Page 434, respectively, records of Pierce County, Washington.

AFFECTS PROPERTY, BLANKET IN NATURE OVER PROPERTY, NOT SHOWN

2. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon race, color, religion, sex, sexual orientation, familial status, marital status, disability, handicap, national origin, ancestry, source of income, gender, gender identity, gender expression, medical condition or genetic information, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date: December 30, 1943

AFFECTS PROPERTY, NOT LOCATEABLE, NOT SHOWN

Recording No.: 1336152

3. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Purpose: Ingress and egress

Recording Date: January 4, 1944

AFFECTS PROPERTY, BLANKET IN NATURE, NOT SHOWN

Recording No.: 1336370

Affecs: A portion of said premises as described in document

4. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Hunt Brothers Packing Company, a Delaware corporation
Purpose: The right to operate and maintain an eight-inch water main or mains and the right to enter the land for maintenance of said water mains

Recording Date: January 6, 1944

AFFECTS PROPERTY, NOT LOCATEABLE, NOT SHOWN

Recording No.: 1336562

Affects: A portion of said premises as described in document
Note: The description contained in the above instrument is not sufficient to determine its exact location within the property herein described.

5. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Puget Sound Power & Light Company
Purpose: Electric line including all necessary poles, towers, wires and fixtures

Recording Date: January 6, 1961

AFFECTS PROPERTY, BLANKET IN NATURE OVER PORTIONS OF THE PROPERTY, NOT SHOWN

Recording No.: 1911207

Affects: A portion of said premises as described in document
Note: The description contained in the above instrument is not sufficient to determine its exact location within the property herein described.

6. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Puget Sound Power & Light Company
Purpose: Electric line, including all necessary poles, towers, wires and fixtures

Recording Date: January 6, 1961

AFFECTS PROPERTY, BLANKET IN NATURE, NOT SHOWN

Recording No.: 1911208

Affects: A portion of said premises as described in document

7. This item intentionally deleted

8. This item intentionally deleted

9. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Central Puget Sound Regional Transit Authority, a regional transit authority

Purpose: Passenger access for ingress and egress

Recording Date: February 3, 2000

AFFECTS PROPERTY, SHOWN SHEET 4

Recording No.: 200002030541

Affects: A portion of said premises as described and delineated in document

10. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Purpose: Automobile parking, parking access and traffic circulation

Recording Date: February 3, 2000

AFFECTS PROPERTY, SHOWN SHEET 4

Recording No.: 200002030543

11. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Central Puget Sound Regional Transit Authority
Purpose: Nuisance(s) including dust, traffic, visual impacts and noise impacts associated with the development, construction and operation of a Transit Center

Recording Date: February 3, 2000

AFFECTS PROPERTY, NUISANCE EASEMENT, NOT SURVEY RELATED, NOT SHOWN

Recording No.: 200002030544

Affects: A portion of said premises as described in document

12. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Purpose: Building setback, existing building encroachment, fire sprinkler facilities and pedestrian ingress and egress

Recording Date: February 8, 2000

AFFECTS PROPERTY, SHOWN SHEET 4

Recording No.: 200002080392

13. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Central Puget Sound Regional Transit Authority, a regional transit authority
Purpose: Pedestrian access and public transit plaza

Recording Date: February 8, 2000

AFFECTS PROPERTY, SHOWN SHEET 4

Recording No.: 200002080393

Affects: A portion of said premises as described and delineated in document

14. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Puget Sound Energy, Inc., a Washington corporation
Purpose: One or more utility systems for transmission, distribution and sale of electricity

Recording Date: August 31, 2000

AFFECTS PROPERTY, SHOWN SHEET 4

Recording No.: 200008310556

Affects: Portion(s) of said premises as described in document

Note: The description contained in the above instrument is not sufficient to determine its exact location within the property herein described.

15. Terms and conditions of easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Purpose: Access, roadways, utilities and parking

Recording Date: February 9, 2001

DOES NOT AFFECT PROPERTY, BLANKET IN NATURE OVER PORTIONS OF PROPERTRY, NOT SHOWN

Recording No.: 200102090858

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THOMAS JAMES GALVIN
STATE OF WASHINGTON
42686
REGISTERED
PROFESSIONAL LAND SURVEYOR

RECORD OF SURVEY
ALTA/NSPS

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 20 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

PRCTI20221698

RECORD OF SURVEY

ALTA/NSPS LAND TITLE SURVEY

**LOCATED IN THE SE 1/4 OF THE NE 1/4 OF SECTION 28
TOWNSHIP 20 N, RANGE 4 E, WILLAMETTE MERIDIAN
CITY OF PUYALLUP, PIERCE COUNTY, WASHINGTON**

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

RECORD MATTERS

16. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Puget Sound Energy, Inc., a Washington corporation
Purpose: One or more utility systems for transmission, distribution and sale of gas and electricity

Recording Date: December 29, 2004

Recording No.: 200412290989 *AFFECTS PROPERTY, EXACT LOCATION CANNOT BE DETERMINED, NOT SHOWN*

Affects: A portion of said premises as described in document

Note: The description contained in the above instrument is not sufficient to determine its exact location within the property herein described.

17. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Central Puget Sound Regional Transit Authority, a regional transit authority

Purpose: Groundwater monitoring systems

Recording Date: October 28, 2005

Recording No.: 200510280114 *AFFECTS PROPERTY, BLANKET IN NATURE OVER PORTIONS OF THE PROPERTY, NOT SHOWN*

Affects: A portion of said premises as described in document

18. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Central Puget Sound Regional Transit Authority, a regional transit authority

Purpose: Parking, landscaping and maintenance of improvements

Recording Date: October 28, 2005

Recording No.: 200510280115 *AFFECTS PROPERTY, SHOWN SHEET 4*

Affects: A portion of said premises as described and delineated in document

19. This item intentionally deleted

20. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:
Granted to: Puget Sound Energy, Inc., a Washington corporation

Purpose: One or more utility systems for transmission, distribution and sale of gas and electricity

Recording Date: April 13, 2006

Recording No.: 200604130656 *AFFECTS PROPERTY, SHOWN SHEET 4*

Affects: A portion of said premises as described in document

21. This item intentionally deleted

22. General and special taxes and charges, payable February 15, delinquent if first half unpaid on May 1, second half delinquent if unpaid on November 1 of the tax year (amounts do not include interest and penalties):
Year: 2021

Tax Account No.: 7940100244

Levy Code: 096

Assessed Value-Land: $655,700.00

Assessed Value-Improvements: $4,701,500.00 *AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN*

General and Special Taxes:

Billed: $74,073.16

Paid: $37,036.58

Unpaid: $37,036.58

Affects: Parcel A

23. General and special taxes and charges, payable February 15, delinquent if first half unpaid on May 1, second half delinquent if unpaid on November 1 of the tax year (amounts do not include interest and penalties):

Year: 2021
Tax Account No.: 7940100245
Levy Code: 096
Assessed Value-Land: $751,600.00
Assessed Value-Improvements: $0.00 *AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN*

General and Special Taxes:

Billed: $8,510.69
Paid: $4,255.34
Unpaid: $4,255.35

Affects: Parcel B

24. A deed of trust to secure an indebtedness in the amount shown below

Amount: $4,387,500.00
Dated: March 30, 2016
Trustor/Grantor: Olson Investments LLC, a Delaware limited liability company
Trustee: First American Title Insurance Company
Beneficiary: Heritage Bank Recording Date: March 31, 2016

Recording No.: 201603310830 *AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN*

25. Assignment of Rents:

Assigned to: Heritage Bank
Assigned by: Olson Investments LLC, a Delaware limited liability company
Recording Date: March 31, 2016

Recording No.: 201603310831 *AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN*

26. A financing statement as follows:

Debtor: Olson Investments LLC
Secured Party: Heritage Bank
Recording Date: March 31, 2016
Recording No.: 201603311023 *AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN*

A change to the above financing statement was filed:

Nature of Change: Continuation

Recording Date: January 27, 2021
Recording No.: 202101270762

27. This item intentionally deleted

28. This item intentionally deleted

29. Any additional unrecorded leaseholds or subleaseholds, right of vendors and holders of security interests on personal property installed upon the Land and rights of tenants or subtenants to remove trade fixtures at the expiration of the terms.

AFFECTS PROPERTY, NOT SURVEY RELATED, NOT SHOWN

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12-21-21

THOMAS JAMES GALVIN
STATE OF WASHINGTON
42686
REGISTERED
PROFESSIONAL LAND SURVEYOR

RECORD OF SURVEY ALTA/NSPS SHEET 6 OF 6

FOR: COMMUNITY HEALTH CARE

DRAWN BY:	TG
CHECKED:	JJ
SCALE:	1 INCH = 20 FEET
JOB NO:	3200
DATE:	AUGUST 18, 2021

PRCTI20221698

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

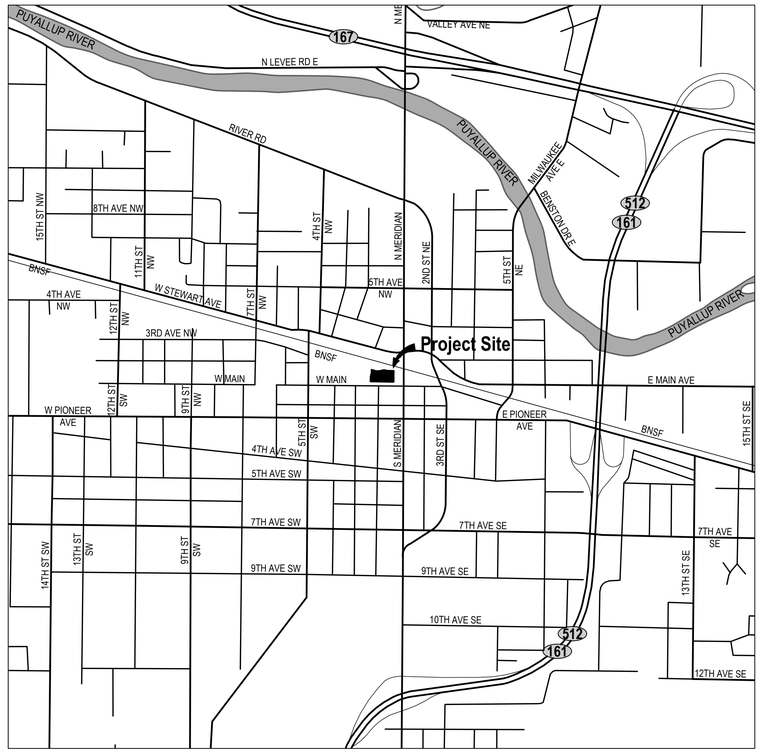
DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

CHC-PUYALLUP

201 WEST MAIN
111 WEST MAIN
CONSTRUCTION DRAWINGS
March 27, 2023

Vicinity Map
Scale: 1" = 1000'



BASIS OF BEARING:

THE MONUMENTED CENTERLINE OF WEST MAIN STREET BEARS NORTH 8911'44" W PER SURVEY AFN 9911085001.

VERTICAL DATUM:

CITY OF PUYALLUP DATUM
CITY BENCHMARKS:

#25
FOUND R/R SPIKE IN NW FACE OF POWER POLE LOCATED AT SE QUADRANT OF THE INTERSECTION OF 5TH AVENUE NW AND 4TH STREET NW.
ELEVATION 44.705

#194
FOUND R/R SPIKE IN W FACE OF POWER POLE LOCATED AT THE SE QUADRANT OF THE INTERSECTION OF WEST PIONEER AND 5TH STREET SW.
ELEVATION 40.365

LEGAL DESCRIPTIONS:

PARCEL A:

SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 14 STEWARTS J P 1ST ADD PARCEL `A` OF DBLR 2006-04-14-5003 DESC AS FOLL COM AT 1/4 SEC COR COM TO SEC 28 & 27 TH N 89 DEG 11 MIN 44 SEC W 457.20 FT ALG C/L OF MAIN ST TH N 00 DEG 48 MIN 16 SEC E 30 FT TO S LI RTSQQ

PARCEL B:

SECTION 28 TOWNSHIP 20 RANGE 04 QUARTER 14 STEWARTS J P 1ST ADD PARCEL `B` OF DBLR 2006-04-14-5003 DESC AS FOLL COM AT 1/4 SEC COR COM TO SEC 28 & 27 TH N 89 DEG 11 MIN 44 SEC W 128.24 FT ALG C/L OF MAIN ST TH N 00 DEG 48 MIN 16 SEC E 30 FT TO S LI RTSQQ

NEW AND REPLACED IMPERVIOUS AREA SUMMARY

NEW IMPERVIOUS AREA = 250 SF
REPLACED IMPERVIOUS AREA = 360 SF
TOTAL NEW AND REPLACED IMPERVIOUS AREA = 610 SF

4

OWNER

COMMUNITY HEALTH CARE
1148 BROADWAY, SUITE 100
TACOMA, WA 98042
CONTACT: DEBBIE JACOBSON

OWNER'S REPRESENTATIVE

ROCK PROJECT MANAGEMENT SERVICES
1601 E VALLEY RD. SUITE 110
RENTON, WA 98057
CONTACT: ANNE REESE

ARCHITECT

MILLER HAYASHI ARCHITECTS PLLC
118 NORTH 35TH STREET SUITE 200
SEATTLE, WA 98103
CONTACT: ELLEN HAGEN

ENGINEER

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 CONTACT: KEITH KRUGER

SHEET INDEX

NUMBER	TITLE	SHEET
C0.00	COVER SHEET	01 OF 10
C0.10	NOTES	02 OF 10
C1.00	DEMO AND TESC PLAN	03 OF 10
C2.00	PAVING PLAN	04 OF 10
C2.10	ONSITE DETAILS	05 OF 10
C2.11	ROW PAVING DETAILS	06 OF 10
C3.00	SEWER PLAN	07 OF 10
C3.01	STORM PLAN	08 OF 10
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C3.10	UTILITY DETAILS	10 OF 10

CHC Puyallup Cannery

201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 www.cplinc.com

KEITH N. KRUGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
3/27/2023

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

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
4	PERMIT RESUBMITTAL	3/27/2023

SHEET 01 OF 10
SHEET TITLE
COVER SHEET

SHEET NO.
C0.00

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Call Before You Dig. 8-1-1 or 1-800-424-5555 Underground Service (USA)

P:_2022\P22WM-01\DWG\WP - COVER SHEET.dwg 3/24/2023 3:59 PM DJW

General Notes:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE APPROVED ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES AT (253-841-5568) TO SCHEDULE THE MEETING. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN SET OF APPROVED PLANS AT THE MEETING.

2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.

3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").

4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.

6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.

7. ANY STRUCTURE AND/OR OBSTRUCTION THAT REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.

8. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE TRUE ELEVATIONS AND LOCATIONS OF HIDDEN UTILITIES. ALL VISIBLE ITEMS SHALL BE THE ENGINEER'S RESPONSIBILITY.

9. THE CONTRACTOR SHALL INSTALL, REPLACE, OR RELOCATE ALL SIGNS, AS SHOWN ON THE PLANS OR AS AFFECTED BY CONSTRUCTION, PER CITY STANDARDS.

10. POWER, STREET LIGHT, CABLE, AND TELEPHONE LINES SHALL BE IN A TRENCH LOCATED WITHIN A 10-FOOT UTILITY EASEMENT ADJACENT TO PUBLIC RIGHT-OF-WAY. RIGHT-OF-WAY CROSSINGS SHALL HAVE A MINIMUM HORIZONTAL SEPARATION FROM OTHER UTILITIES (SEWER, WATER, AND STORM) OF 5 FEET.

11. ALL CONSTRUCTION SURVEYING FOR EXTENSIONS OF PUBLIC FACILITIES SHALL BE DONE UNDER THE DIRECTION OF A WASHINGTON STATE LICENSED LAND SURVEYOR OR A WASHINGTON STATE LICENSED PROFESSIONAL CIVIL ENGINEER.

12. DURING CONSTRUCTION, ALL PUBLIC STREETS ADJACENT TO THIS PROJECT SHALL BE KEPT CLEAN OF ALL MATERIAL DEPOSITS RESULTING FROM ON-SITE CONSTRUCTION, AND EXISTING STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE CITY.

13. CERTIFIED RECORD DRAWINGS ARE REQUIRED PRIOR TO PROJECT ACCEPTANCE.

14. A NPDES STORMWATER GENERAL PERMIT MAY BE REQUIRED BY THE DEPARTMENT OF ECOLOGY FOR THIS PROJECT. FOR INFORMATION CONTACT THE DEPARTMENT OF ECOLOGY, SOUTHWEST REGION OFFICE AT (360)407-6300.

15. ANY DISTURBANCE OR DAMAGE TO CRITICAL AREAS AND ASSOCIATED BUFFERS, OR SIGNIFICANT TREES DESIGNATED FOR PRESERVATION AND PROTECTION SHALL BE MITIGATED IN ACCORDANCE WITH A MITIGATION PLAN REVIEWED AND APPROVED BY THE CITY'S PLANNING DIVISION. PREPARATION AND IMPLEMENTATION OF THE MITIGATION PLAN SHALL BE AT THE DEVELOPER'S EXPENSE.

Roadway Notes:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841- 5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.

2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.

3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "CITY STANDARDS").

4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE ENGINEERING SERVICES STAFF PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.

6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.

7. ANY STRUCTURE AND/OR OBSTRUCTION WHICH REQUIRES REMOVAL OR RELOCATION RELATING TO THIS PROJECT, SHALL BE DONE SO AT THE DEVELOPER'S EXPENSE.

8. MONUMENTS SHALL BE INSTALLED AT ALL STREET INTERSECTIONS, AT ANGLE POINTS, AND POINTS OF CURVATURE IN EACH STREET. ALL BOUNDARY MONUMENTS MUST BE INSTALLED ACCORDING TO THE WASHINGTON STATE SUBDIVISION LAWS.

9. CURB AND GUTTER INSTALLATION SHALL CONFORM TO CITY STANDARD DETAIL 01.02.09.

10. SIDEWALKS AND DRIVEWAYS SHALL BE INSTALLED AS LOTS ARE BUILT ON. SIDEWALKS AND DRIVEWAYS SHALL CONFORM TO CITY STANDARD DETAIL 01.02.01, 01.02.02 AND 01.02.12. IF ASPHALT IS DAMAGED DURING REPLACEMENT OF CURB AND GUTTER, THE REPAIR SHALL CONFORM TO CITY STANDARD DETAIL 01.02.10.

11. THE SURROUNDING GROUND (5 FEET BEYOND THE BASE) FOR ALL POWER TRANSFORMERS, TELEPHONE/TV PEDESTALS, AND STREET LIGHT MAIN DISCONNECTS SHALL BE GRADED TO A POSITIVE 2 PERCENT SLOPE FROM TOP OF CURB.

12. SIGNAGE AND TRAFFIC CONTROL DEVICES ARE SAFETY ITEMS AND SHALL BE INSTALLED PRIOR TO ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY OR PLAT APPROVAL. HOWEVER, IN LARGER DEVELOPMENTS, EXACT LOCATIONS OF STOP AND YIELD SIGNS MAY NEED TO BE DETERMINED AFTER FULL BUILDOUT WHEN TRAFFIC PATTERNS HAVE BEEN ESTABLISHED. IN THIS CASE, CONTRACTOR SHALL PROVIDE INDICATED "CITY-PLACED" SIGNS, SIGNPOSTS, AND BRACKETS TO THE CITY SIGN SPECIALIST (253) 841-5471 FOR LATER INSTALLATION BY THE CITY. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

13. PRIOR TO ANY SIGN OR STRIPING INSTALLATION OR REMOVAL THE CONTRACTOR SHALL CONTACT THE CITY SIGN SPECIALIST (253) 841-5471 TO ARRANGE FOR AN ON-SITE MEETING TO DISCUSS PLACEMENT AND UNIFORMITY.

14. NEW OR REVISED STOP SIGNS OR YIELD SIGNS SHALL BE ADVANCE WARNED USING THE PROCEDURE OUTLINED IN THE MUTCD. ADVANCE WARNING SIGNS AND FLAGS SHALL BE MAINTAINED BY INSTALLER FOR 30 DAYS AND THEN REMOVED.

Grading, Erosion and Sedimentation Control Notes:

1. ALL WORK IN CITY RIGHT-OF-WAY REQUIRES A PERMIT FROM THE CITY OF PUYALLUP. PRIOR TO ANY WORK COMMENCING, THE GENERAL CONTRACTOR SHALL ARRANGE FOR A PRECONSTRUCTION MEETING AT THE DEVELOPMENT SERVICES CENTER TO BE ATTENDED BY ALL CONTRACTORS THAT WILL PERFORM WORK SHOWN ON THE ENGINEERING PLANS, REPRESENTATIVES FROM ALL APPLICABLE UTILITY COMPANIES, THE PROJECT OWNER AND APPROPRIATE CITY STAFF. CONTACT ENGINEERING SERVICES TO SCHEDULE THE MEETING (253) 841-5568. THE CONTRACTOR IS RESPONSIBLE TO HAVE THEIR OWN APPROVED SET OF PLANS AT THE MEETING.

2. AFTER COMPLETION OF ALL ITEMS SHOWN ON THESE PLANS AND BEFORE ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL OBTAIN A "PUNCH LIST" PREPARED BY THE CITY'S INSPECTOR DETAILING REMAINING ITEMS OF WORK TO BE COMPLETED. ALL ITEMS OF WORK SHOWN ON THESE PLANS SHALL BE COMPLETED TO THE SATISFACTION OF THE CITY PRIOR TO ACCEPTANCE OF THE WATER SYSTEM AND PROVISION OF SANITARY SEWER SERVICE.

3. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION (HEREINAFTER REFERRED TO AS THE "STANDARD SPECIFICATIONS"), WASHINGTON STATE DEPARTMENT OF TRANSPORTATION AND AMERICAN PUBLIC WORKS ASSOCIATION, WASHINGTON STATE CHAPTER, LATEST EDITION, UNLESS SUPERSEDED OR AMENDED BY THE CITY OF PUYALLUP CITY STANDARDS FOR PUBLIC WORKS ENGINEERING AND CONSTRUCTION (HERE IN AFTER REFERRED TO AS THE "CITY STANDARDS").

4. A COPY OF THESE APPROVED PLANS AND APPLICABLE CITY DEVELOPER SPECIFICATIONS AND DETAILS SHALL BE ON SITE DURING CONSTRUCTION.

5. ANY REVISIONS MADE TO THESE PLANS MUST BE REVIEWED AND APPROVED BY THE DEVELOPER'S ENGINEER AND THE CITY ENGINEER PRIOR TO ANY IMPLEMENTATION IN THE FIELD. THE CITY SHALL NOT BE RESPONSIBLE FOR ANY ERRORS AND/OR OMISSIONS ON THESE PLANS.

6. THE CONTRACTOR SHALL HAVE ALL UTILITIES VERIFIED ON THE GROUND PRIOR TO ANY CONSTRUCTION. CALL (811) AT LEAST TWO WORKING DAYS HOURS IN ADVANCE. THE OWNER AND HIS/HER ENGINEER SHALL BE CONTACTED IMMEDIATELY IF A CONFLICT EXISTS.

7. ALL LIMITS OF CLEARING AND AREAS OF VEGETATION PRESERVATION AS PRESCRIBED ON THE PLANS SHALL BE CLEARLY FLAGGED IN THE FIELD AND OBSERVED DURING CONSTRUCTION.

8. ALL REQUIRED SEDIMENTATION AND EROSION CONTROL FACILITIES MUST BE CONSTRUCTED AND IN OPERATION PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION TO ENSURE THAT SEDIMENT LADEN WATER DOES NOT ENTER THE NATURAL DRAINAGE SYSTEM. THE CONTRACTOR SHALL SCHEDULE AN INSPECTION OF THE EROSION CONTROL FACILITIES PRIOR TO ANY LAND CLEARING AND/OR OTHER CONSTRUCTION. ALL EROSION AND SEDIMENT FACILITIES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION AS DETERMINED BY THE CITY, UNTIL SUCH TIME THAT CLEARING AND/OR CONSTRUCTION IS COMPLETED AND THE POTENTIAL FOR ON-SITE EROSION HAS PASSED. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT, AND ADDITIONS TO THE EROSION AND SEDIMENTATION CONTROL SYSTEMS SHALL BE THE RESPONSIBILITY OF THE PERMITTEE.

9. THE EROSION AND SEDIMENTATION CONTROL SYSTEM FACILITIES DEPICTED ON THESE PLANS ARE INTENDED TO BE MINIMUM REQUIREMENTS TO MEET ANTICIPATED SITE CONDITIONS. AS CONSTRUCTION PROGRESSES AND UNEXPECTED OR SEASONAL CONDITIONS DICTATE, FACILITIES WILL BE NECESSARY TO ENSURE COMPLETE SILTATION CONTROL ON THE SITE. DURING THE COURSE OF CONSTRUCTION, IT SHALL BE THE OBLIGATION AND RESPONSIBILITY OF THE PERMITTEE TO ADDRESS ANY NEW CONDITIONS THAT MAY BE CREATED BY HIS ACTIVITIES AND TO PROVIDE ADDITIONAL FACILITIES, OVER AND ABOVE THE MINIMUM REQUIREMENTS, AS MAY BE NEEDED TO PROTECT ADJACENT PROPERTIES, SENSITIVE AREAS, NATURAL WATER COURSES, AND/OR STORM DRAINAGE SYSTEMS.

10. APPROVAL OF THESE PLANS IS FOR GRADING, TEMPORARY DRAINAGE, EROSION AND SEDIMENTATION CONTROL ONLY. IT DOES NOT CONSTITUTE AN APPROVAL OF PERMANENT STORM DRAINAGE DESIGN, SIZE OR LOCATION OF PIPES, RESTRICTORS, CHANNELS, OR RETENTION FACILITIES.

11. ANY DISTURBED AREA WHICH HAS BEEN STRIPPED OF VEGETATION AND WHERE NO FURTHER WORK IS ANTICIPATED FOR A PERIOD OF 30 DAYS OR MORE, MUST BE IMMEDIATELY STABILIZED WITH MULCHING, GRASS PLANTING, OR OTHER APPROVED EROSION CONTROL TREATMENT APPLICABLE TO THE TIME OF YEAR IN QUESTION. GRASS SEEDING ALONE WILL BE ACCEPTABLE ONLY DURING THE MONTHS OF APRIL THROUGH SEPTEMBER INCLUSIVE. SEEDING MAY PROCEED OUTSIDE THE SPECIFIED TIME PERIOD WHENEVER IT IS IN THE INTEREST OF THE PERMITTEE BUT MUST BE AUGMENTED WITH MULCHING, NETTING, OR OTHER TREATMENT APPROVED BY THE CITY.

12. IN CASE EROSION OR SEDIMENTATION OCCURS TO ADJACENT PROPERTIES, ALL CONSTRUCTION WORK WITHIN THE DEVELOPMENT THAT WILL FURTHER AGGRAVATE THE SITUATION MUST CEASE, AND THE OWNER/CONTRACTOR WILL IMMEDIATELY COMMENCE RESTORATION METHODS. RESTORATION ACTIVITY WILL CONTINUE UNTIL SUCH TIME AS THE AFFECTED PROPERTY OWNER IS SATISFIED.

13. NO TEMPORARY OR PERMANENT STOCKPILING OF MATERIALS OR EQUIPMENT SHALL OCCUR WITHIN CRITICAL AREAS OR ASSOCIATED BUFFERS, OR THE CRITICAL ROOT ZONE FOR VEGETATION PROPOSED FOR RETENTION.

Construction Sequence:

1. HOLD A PRECONSTRUCTION MEETING WITH THE CITY AND OBTAIN REQUIRED PERMITS.
2. ESTABLISH CLEARING AND GRADING LIMITS.
3. CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCE.
4. CONSTRUCT PERIMETER DITCHES, SILT FENCES, AND OTHER EROSION CONTROL DEVICES AS SHOWN.
5. CONSTRUCT PROTECTION DEVICES FOR CRITICAL AREAS AND SIGNIFICANT TREES PROPOSED FOR RETENTION.
6. SCHEDULE AN EROSION CONTROL INSPECTION WITH THE CITY.
7. CONSTRUCT STORM DRAINAGE RETENTION/DETENTION (CONTROL AND STORAGE) FACILITIES. PROVIDE EMERGENCY OVERFLOW AS APPLICABLE.
8. ALL DITCHES AND SWALES AS SHOWN SHALL BE PROVIDED TO DIRECT ALL SURFACE WATER TO THE RETENTION/DETENTION AND SEDIMENTATION POND AS CLEARING AND GRADING PROGRESSES. NO UNCONTROLLED SURFACE WATER SHALL BE ALLOWED TO LEAVE THE SITE OR BE DISCHARGED TO A CRITICAL AREA AT ANY TIME DURING THE GRADING OPERATIONS.
9. CLEARLY STATE AT WHAT POINT GRADING ACTIVITIES CAN BEGIN, USUALLY ONLY AFTER ALL DRAINAGE AND EROSION CONTROL MEASURES ARE IN PLACE.
10. IDENTIFY EROSION CONTROL MEASURES WHICH REQUIRE REGULAR MAINTENANCE.

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

CHC Puyallup Cannery

201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

PRCTI20221698

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 www.cplinc.com

KEITH N. KRUEGER
STATE OF WASHINGTON
39871
REGISTERED PROFESSIONAL ENGINEER
3/27/2023

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

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

Description	Date

SHEET 02 OF 10
SHEET TITLE
NOTES

SHEET NO.
C0.10

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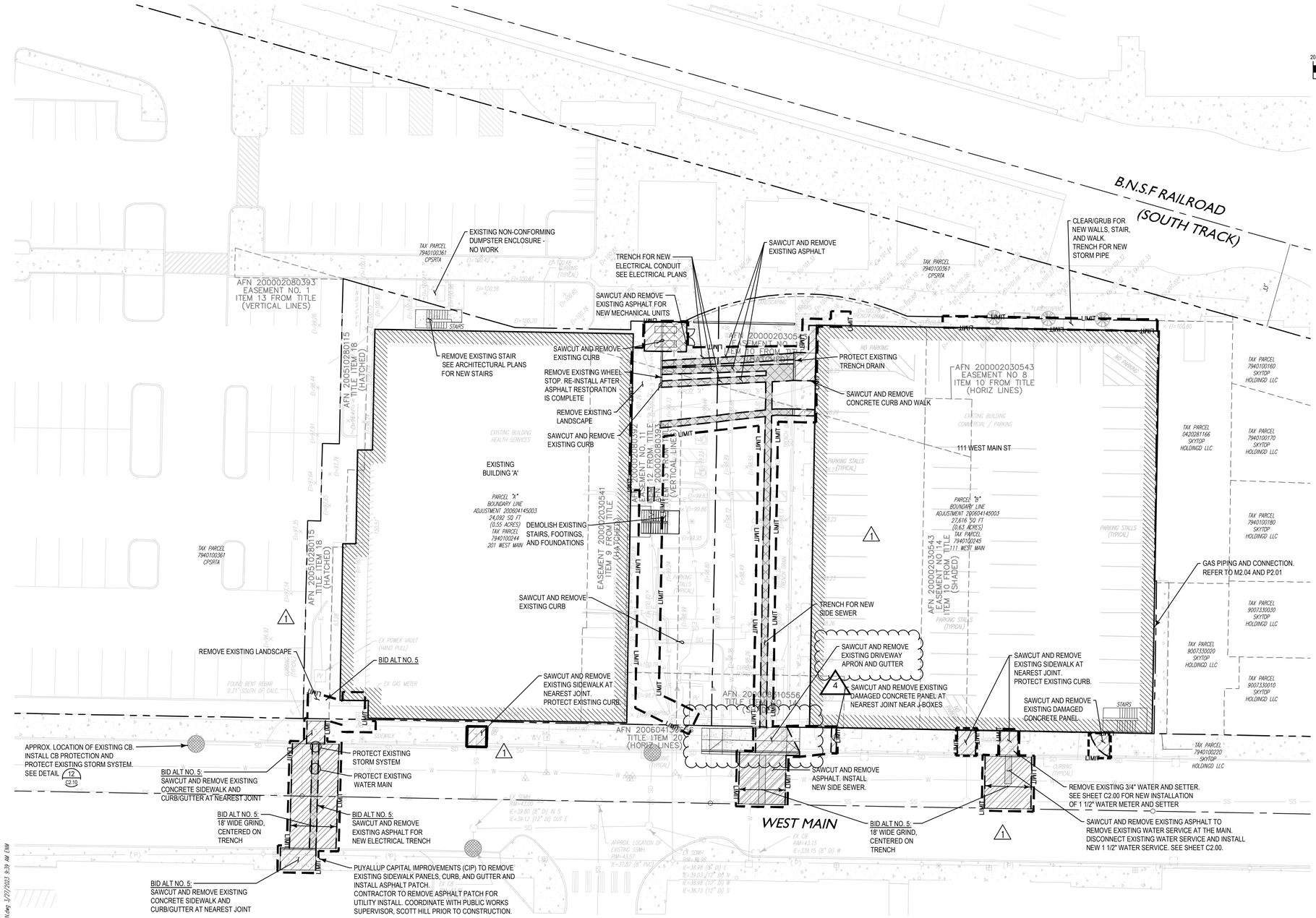
P:_2021\22NW-016\CAD\CHCP - COVER SHEET.dwg 3/24/2023 3:59 PM EMM



GRAPHIC SCALE
SCALE: 1"=20'

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

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Fax: 206 634 0167

PRCTI20221698

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KEITH N. KRUEGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
3/27/2023

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
1	PERMIT RESUBMITTAL	3/27/2023

SHEET 03 OF 10
SHEET TITLE
DEMO AND TESC PLAN

SHEET NO.
C1.00

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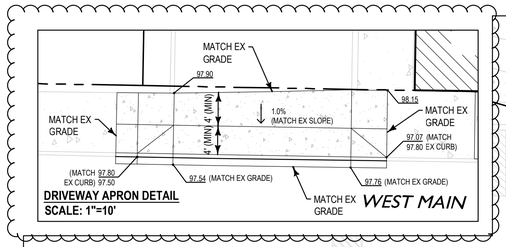
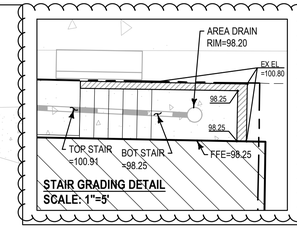
P:_2022\22029XM--01\CAD\CHCP - DEMO AND TESC PLAN.dwg 3/27/2023 9:39 AM DW



DRIVEWAY APRON DETAIL
SCALE: 1"=10'



STAIR GRADING DETAIL
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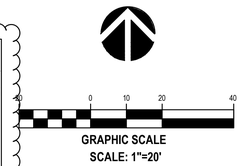

GRAPHIC SCALE
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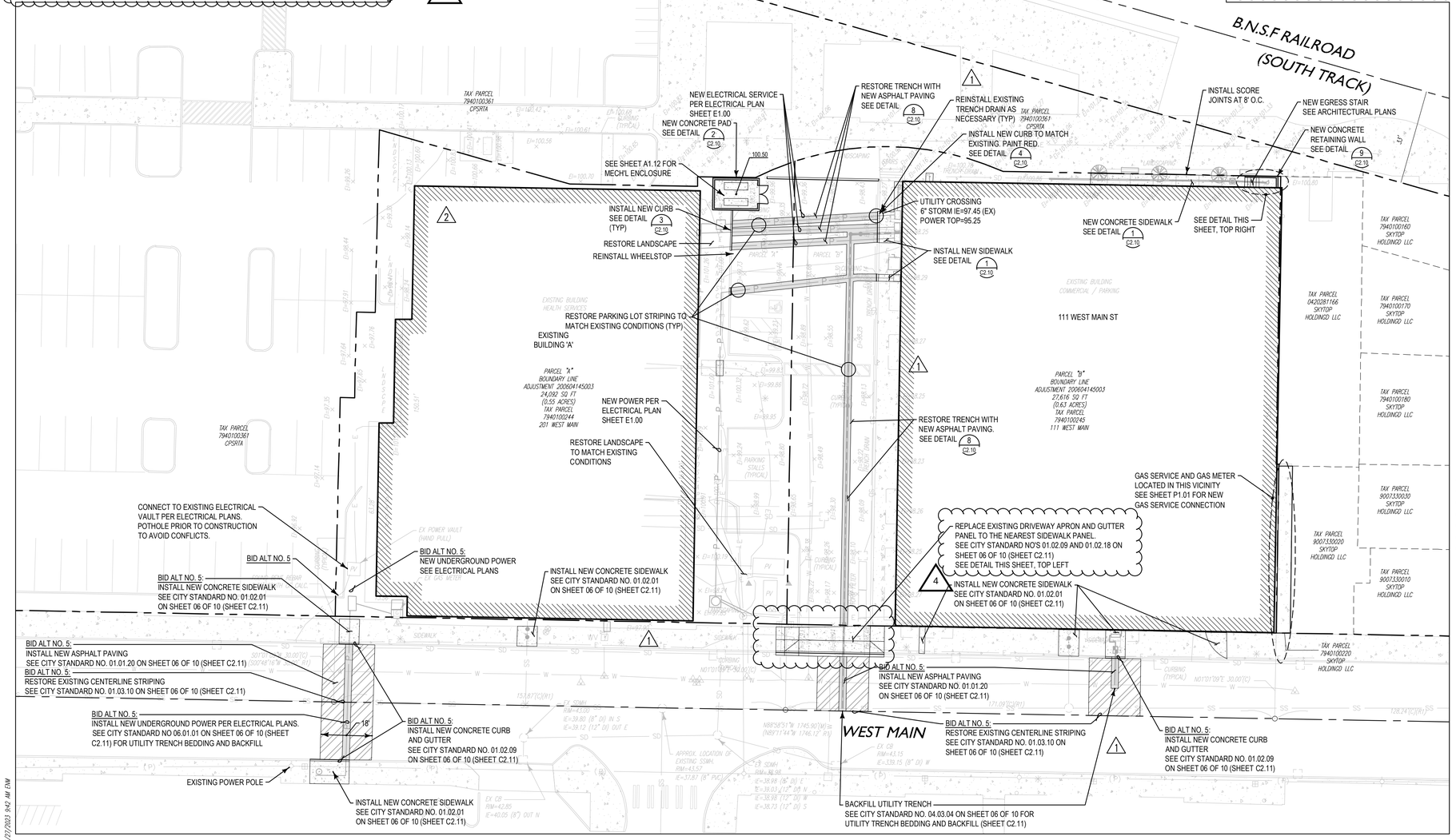

UTILITY CLEARANCES
1) STORM SHALL HAVE A MIN. VERTICAL CLEARANCE OF 12" ABOVE SEWER OR 18" BELOW SEWER.
2) SEWER SHALL HAVE A MIN. VERTICAL CLEARANCE OF 18" BELOW WATER.

NOTE. SEE LANDSCAPE PLANS FOR LANDSCAPE RESTORATION

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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3/27/2023

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
4	PERMIT RESUBMITTAL	3/27/2023

SHEET 04 OF 10
SHEET TITLE
PAVING PLAN

SHEET NO.
C2.00

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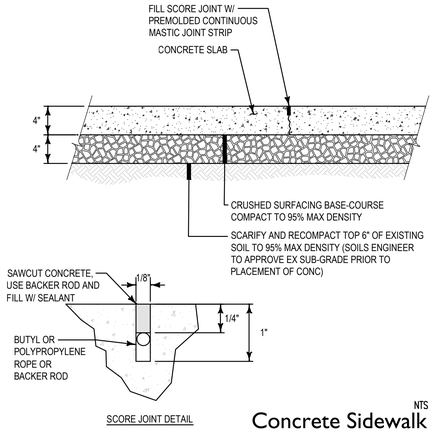
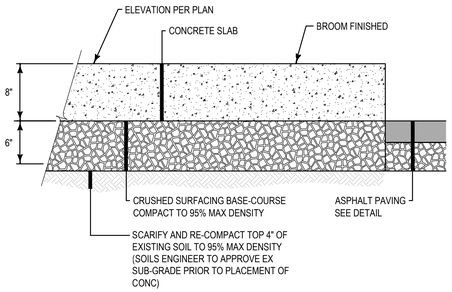
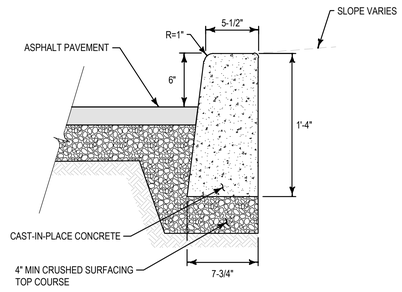


SCORE JOINT DETAIL

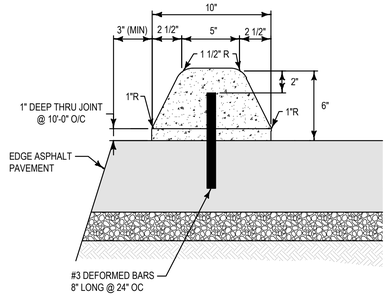
NTS **Concrete Sidewalk** 1



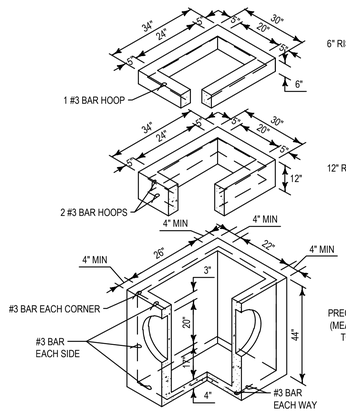
NTS **Unreinforced Concrete Slab-on-grade** 2



NTS **Concrete Vertical Curb** 3



NTS **Extruded Curb** 4



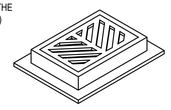
6" RISER SECTION

12" RISER SECTION

PRECAST BASE SECTION (MEASUREMENT AT THE TOP OF THE BASE)

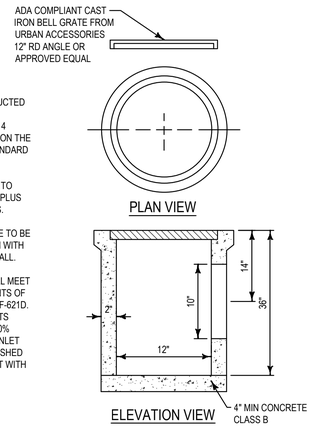
NOTES:

1. CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO M 199) AND C890 UNLESS OTHERWISE SHOWN ON PLANS OR NOTED IN THE WSDOT/APWA STANDARD SPECIFICATIONS.
2. AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
3. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.
4. PRECAST BASES SHALL BE FURNISHED WITH CUTOUTS OR KNOCKOUTS. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" MIN ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
5. KNOCKOUT OR CUTOUT HOLE SIZE IS EQUAL TO PIPE OUTER DIAMETER PLUS CATCH BASIN WALL THICKNESS.
6. ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX DIAMETER OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
7. THE MAX DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
9. CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-621D. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
10. FRAME AND GRATE MAY BE INSTALLED WITH FLANGE DOWN OR CAST INTO RISER.
11. FOR CATCH BASINS IN PARKING LOTS REFER TO WSDOT/APWA STANDARD DWG. B1-b.
12. EDGE OF RISER OR BRICK SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.



FRAME AND GRATE SEE SEC.7.05 AND APPLICABLE DWGS.

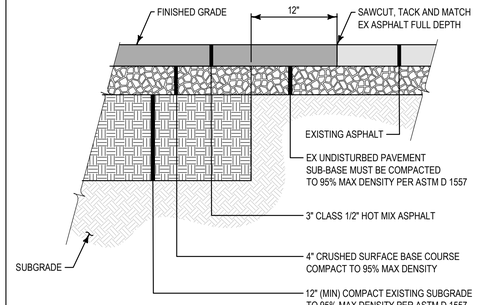
NTS **King County Catch Basin Type I** 6



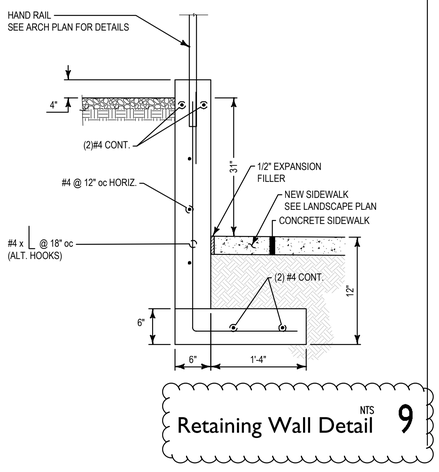
NOTES:

1. AREA INLETS TO BE CONSTRUCTED FROM CONCRETE PIPE, IN ACCORDANCE WITH ASTM C 14 UNLESS OTHERWISE SHOWN ON THE PLANS OR NOTED IN THE STANDARD SPECIFICATIONS.
2. CUTOUT HOLE SIZE IS EQUAL TO OUTLET PIPE SIZE DIAMETER PLUS AREA INLET WALL THICKNESS.
3. CONNECTION TO OUTLET PIPE TO BE MORTARED AND MADE FLUSH WITH INSIDE OF THE AREA INLET WALL.
4. CAST IRON BELL GRATE SHALL MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-621D. THE GRATE SHALL HAVE SLOTS (HOLES) THAT CONSTITUTE 50% OPEN AREA FOR DRAINAGE. INLET BELL SURFACE SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.

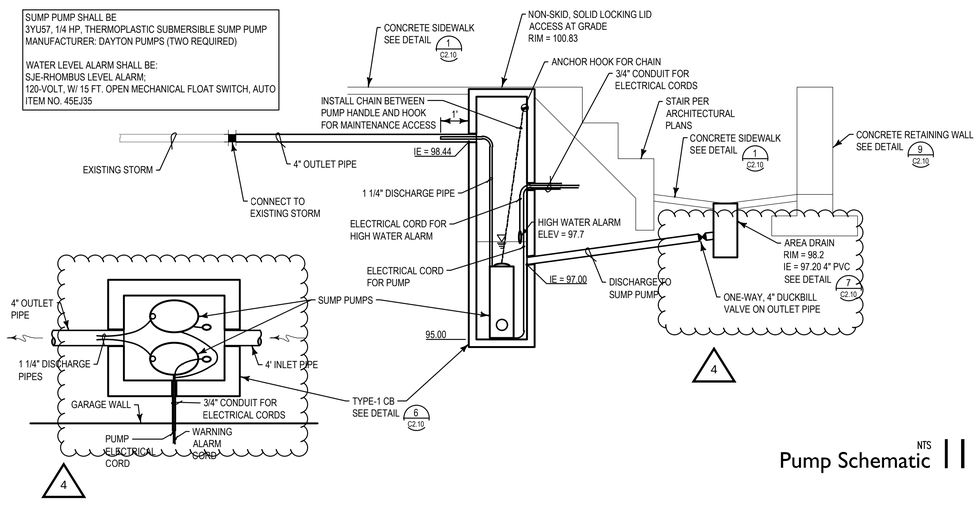
NTS **Area Drain** 7



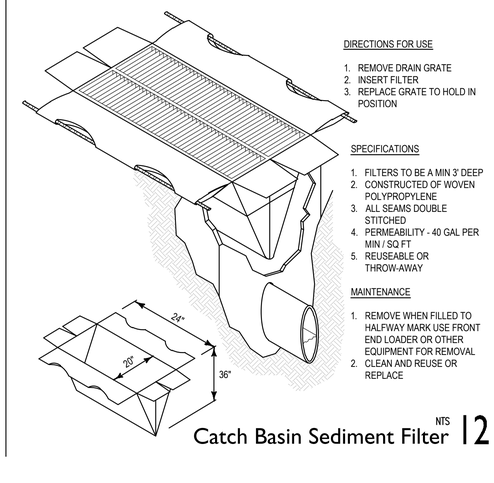
NTS **Standard Asphalt Paving Section** 8



NTS **Retaining Wall Detail** 9



NTS **Pump Schematic** 11



DIRECTIONS FOR USE

1. REMOVE DRAIN GRATE
2. INSERT FILTER
3. REPLACE GRATE TO HOLD IN POSITION

SPECIFICATIONS

1. FILTERS TO BE A MIN 3' DEEP
2. CONSTRUCTED OF WOVEN POLYPROPYLENE
3. ALL SEAMS DOUBLE STITCHED
4. PERMEABILITY - 40 GAL PER MIN / SQ FT
5. REUSEABLE OR THROW-AWAY

MAINTENANCE

1. REMOVE WHEN FILLED TO HALFWAY MARK USE FRONT END LOADER OR OTHER EQUIPMENT FOR REMOVAL
2. CLEAN AND REUSE OR REPLACE

NTS **Catch Basin Sediment Filter** 12

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P:_2022\P22WK-016\CAD\CHCP - ONSITE DETAILS.dwg 3/23/2023 4:03 PM DW

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

CHC Puyallup Cannery

201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

PRCTI20221698

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 www.cplinc.com

KEITH N. KRUEGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
3/27/2023

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
4	PERMIT RESUBMITTAL	3/27/2023

SHEET 05 OF 10
SHEET TITLE
ONSITE DETAILS

SHEET NO.
C2.10

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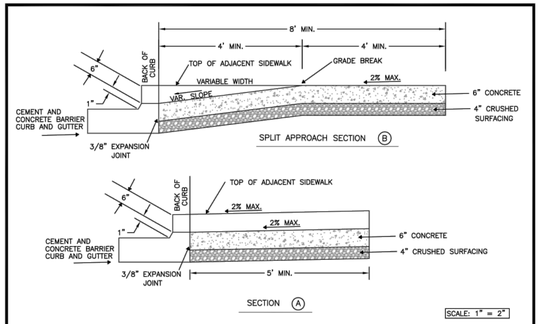
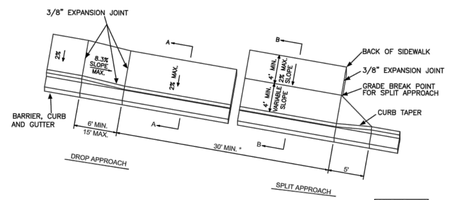


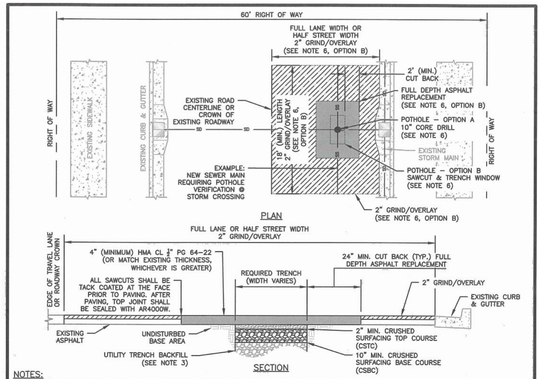


NOTES:
1. TO BE USED AS AN OPTION TO THE URBAN APPROACH WHEN GRADES ARE CREATING A SITE CONSTRAINT.
2. JOINTS IN PAVING SLAB SHALL NOT EXTEND INTO DRIVEWAY. ALL JOINTS SHALL BE CLEAN AND EDGED.
3. CONCRETE SHALL BE COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH. + 30 FEET MINIMUM WIDTH FOR TWO WAY TRAFFIC. MAXIMUM WIDTH DEPENDANT ON VEHICLE VOLUME AND DESIGN VEHICLE TYPE.
4. DROP APPROACH RAMPS SHALL NOT EXCEED 8.3%, AS MEASURED WITH A SMART LEVEL, UNLESS RAMP LENGTH IS EXTENDED TO 15'.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

URBAN COMMERCIAL APPROACH ALTERNATE 2

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
IM/EWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	LINDA LIAN	01.02.18
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STD\01.02\01.02.18	DATE APPROVED: 02/01/2009	DATE REVISED: 05/21/13	SCALE: VARIES	



NOTES:
1. BASE AND SUBBASE MATERIAL SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY.
2. ALL DEPTHS INDICATED ARE A MINIMUM COMPACTED DEPTH.
3. INITIAL BACKFILLING SHALL BE PERFORMED ONLY AFTER INSPECTION AND APPROVAL OF THE INSTALLED PIPE OR STRUCTURE. THE TRENCH BACKFILL MATERIAL SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL NO. 06.01.01.
4. ALL BACKFILL FOR PIPE TRENCHES SHALL BE MECHANICALLY COMPACTED BY A POWER-OPERATED MECHANICAL TAMPER(S) AS SPECIFIED IN WSDOT STANDARD SPEC. 2-03.3 (14)C, COMPACTING EARTH EMBANKMENTS, METHOD C OF THE WSDOT STANDARD SPECIFICATIONS.
5. IF PAVING SURFACES ADJACENT TO THE TRENCH OPENING MAY BE DAMAGED WHERE TRENCHES ARE MADE PARALLEL TO THE STREET, OR WHERE A NUMBER OF CROSS TRENCHES ARE LAID IN CLOSE PROXIMITY TO ONE ANOTHER OR WHERE THE EQUIPMENT USED MAY CAUSE SUCH DAMAGE, THE CITY ENGINEER MAY REQUIRE A NEGOTIATED CONTRIBUTION FROM THE PERMITTEE FOR RESURFACING IN LIEU OF PATCHING.

   IF THE TOTAL AREA OF THE PROPOSED PATCH OR PROBABLE DAMAGED AREA EXCEEDS 25 PERCENT OF THE TOTAL PAVEMENT SURFACING BETWEEN CURB FACES OR BETWEEN CONCRETE GUTTER EDGES IN ANY BLOCK, SUCH NEGOTIATIONS SHALL BE CARRIED ON AND CONTRIBUTIONS AGREED UPON PRIOR TO ISSUANCE OF A PERMIT. SUCH CONTRIBUTIONS SHALL BE IN ADDITION TO THE STANDARD PERMIT FEE.
6. POTHOLING FOR UTILITIES:

   OPTION A – UP TO A 10" DIAMETER CORE DRILL IS ALLOWED. CORE HOLES MADE DURING UTILITY POTHOLES SHALL BE BACKFILLED WITH CDF TO WITHIN 4" OF FINISHED GRADE. 4" OF HMA SHALL THEN BE PLACED AND COMPACTED, FLUSH WITH EXISTING GRADE.

   OPTION B – FOR POTHOLE WINDOWS LARGER THAN 10" IN DIAMETER OR TRENCHING COMPLETED IN EXISTING ROADWAY, THE CONTRACTOR SHALL MEET CITY STANDARD 06.01.01 FOR PIPE BEDDING AND BACKFILL REQUIREMENTS. PAVEMENT RESTORATION SHALL BE ACCOMPLISHED BY INSTALLING THE TRENCH PATCH, AS SHOWN HEREIN, AND THEN GRINDING/OVERLAYING TO A MINIMUM DEPTH OF 2". THE LIMITS OF THE REQUIRED GRIND/OVERLAY SHALL BE TO THE NEAREST LANE LINE, OR HALF STREET, AND SHALL BE A MINIMUM OF 18 FEET LONG (LONGITUDINALLY ALONG ROADWAY) CENTERED AT LOCATION OF PATCH. NOTE: IF EXISTING ASPHALT THICKNESS IS LESS THAN 3", FULL DEPTH PAVEMENT REPLACEMENT, IN LIEU OF GRIND/OVERLAY, TO MEET A MINIMUM ASPHALT THICKNESS OF 4" WILL BE REQUIRED.

   WHERE LOCATION OF TRENCH OR POTHOLE WINDOW INTERSECTS ROAD CENTERLINE, A MINIMUM GRIND AND OVERLAY OF ONE FULL LANE WIDTH (12') IS REQUIRED CENTERED ON ROADWAY. NO LONGITUDINAL JOINTS WILL BE ALLOWED IN THE WHEEL PATH.
7. ALL MANHOLE FRAMES, VALVE FRAMES AND MONUMENT COVERS SHALL BE INSTALLED AFTER PLACEMENT OF ASPHALT. IF MORE THAN ONE LIFT IS NECESSARY, FRAMES AND LIDS WILL BE ADJUSTED TO FINISH GRADE AT FIRST LIFT AS DIRECTED BY THE CITY.

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

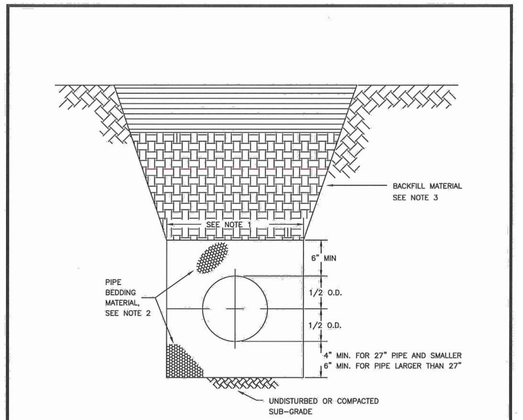
APPROVED FOR PUBLICATION
DATE SIGNED: 2/15/18

STREET PATCH

(NOT TO SCALE)

CITY STANDARD 01.01.20

FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STD\01.01\01.01.20.DWG



1. TRENCHING SHALL MEET THE REQUIREMENTS OF SECTION 7-08.3(1)A AND 2-06.3(1) OF THE WSDOT SPECIFICATIONS.
2. BEDDING MATERIAL SHALL CONFORM TO 9-03.12(3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING.
3. GRAVEL BACKFILL SHALL CONFORM TO 9-03.12(1)A GRAVEL BACKFILL FOR FOUNDATIONS, CLASS A.

DATE SIGNED: 2/17/17

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

PIPE TRENCHING BEDDING AND BACKFILL

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	DATE REVISED:	CITY STANDARD
IM/EWIN-SVOBODA	TED HILL	MARK PALMER	WSDOT/KAMM	05/21/13 XX/XX/XX	06.01.01
FILE NAME: F:\DWG\COMMON\STDS\CITY\STD\06_MISC\06.01\06.01.01	DATE APPROVED: 07/01/2009	SCALE: 1:1			

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

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PRCTI20221698

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 www.cplinc.com

NOTES:
1. CENTERLINE STRIPE FOR CHANNELIZATION SHALL BE DETAIL B OR DETAIL C AS DIRECTED BY CITY. CENTERLINE STRIPE FOR ALL COLLECTORS SHALL BE DETAIL D WITH TYPE 2YY RPM SPACED AT 80' INTERVALS ON TANGENTS AND HORZ. CURVES WITH A RADIUS OF 5000' OR MORE AND 40' INTERVALS ON HORZ. CURVES LESS THAN 5000'. CENTERLINE STRIPE FOR ARTERIALS SHALL BE DETAIL E WITH RPM SPACING AS PREVIOUSLY DEFINED.
2. ROADS, UNLESS OTHERWISE DETERMINED BY THE CITY, (ARTERIALS & COLLECTORS) LONGITUDINAL LINES SHALL BE PAINTED. APPLIED 14 MILS WHEN WET.
3. NO PASSING ZONES IN ONE DIRECTION OR BOTH SHALL BE CLEARLY MARKED WITH CENTERLINE STRIPE, DETAIL B OR DETAIL C OR COMBINATION OF DETAIL D AND DETAIL E.
4. ON WIDE INTERSECTIONS SPACE TYPE 1 OR 2 RPM 4 FEET ON CENTER.

RAISED PAVEMENT MARKERS

TYPE 2 RPM (REFLECTIVE) RAISED FACE COLORS

TYPE 2WR	WHITE AND RED
TYPE 2YR	YELLOW AND RED
TYPE 2YY	YELLOW AND YELLOW
TYPE 2W	WHITE – ONE SIDE ONLY
TYPE 2Y	YELLOW – ONE SIDE ONLY

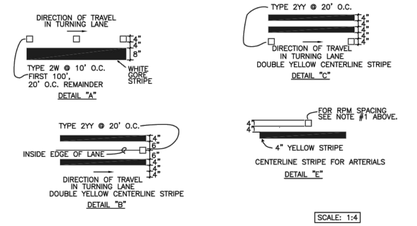
TYPE 1 RPM COLORS

TYPE 1W	WHITE
TYPE 1Y	YELLOW

*TYPE 3 RPM COLORS

TYPE 3W	8" RUMBLE BAR – WHITE
TYPE 3Y	8" RUMBLE BAR – YELLOW

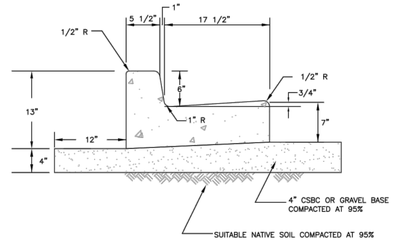
* CITY MAY REQUIRE REFLECTIVE.



CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

PAVEMENT MARKING DETAILS

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
IM/EWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	XXXX	01.03.10
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STD\01.02\01.03.10	DATE APPROVED: 07/01/2009	DATE REVISED: XX/XX/XX	SCALE: VARIES	

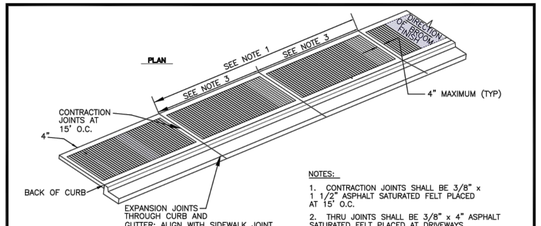


NOTES:
1. CONTRACTION JOINTS SHALL BE 3/8" x 2 1/4" ASPHALT SATURATED FELT PLACED IN ALL EXPOSED SURFACES OF CURB AND GUTTER AND SPACED AT 15' MAX. 10' MIN. O.C.
2. THRU JOINTS SHALL BE 3/8" ASPHALT SATURATED FELT PLACED AT POINTS OF TANGENCY ON CURVES, AT CATCH BASINS, AND AT EDGES OF ALLEY AND DRIVEWAYS. THE MAXIMUM DISTANCE BETWEEN THRU JOINTS SHALL BE 100'.
3. CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
4. FORMS SHALL BE STEEL UNLESS PRIOR APPROVAL IS GIVEN BY THE CITY ENGINEER. FORMS SHALL BE SET TRUE TO LINE AND GRADE AND SECURELY STAKED PRIOR TO CONCRETE PLACEMENT. FULL DEPTH DIVISION PLATES ARE ONLY TO BE USED WHERE THRU JOINTS ARE TO BE PLACED.
5. THE 1" RADIUS ON THE UPPER FACE OF THE CURB MAY BE FORMED BY AN EDGER TOOL OR BUILT INTO THE FACE FORM. THE 1" RADIUS AT THE BOTTOM FACE OF THE CURB SHALL BE FORMED BY THE FACE FORM.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

CURB AND GUTTER

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
IM/EWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	Linda Lian	01.02.09
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STD\01.02\01.02.09	DATE APPROVED: 07/01/2009	DATE REVISED: 05/21/12	SCALE: 1:1	



MINIMUM SIDEWALK WIDTHS
- 5'(RS ZONES) SINGLE FAMILY RESIDENTIAL AREAS (DETACHED DWELLINGS)
- 8'(RS ZONES) COMMERCIAL USES, WHEN REQUIRED BY DEVELOPMENT SERVICES MANAGER
- 8'(RM ZONES) MEDIUM AND HIGH DENSITY MULTI-FAMILY RESIDENTIAL AREAS
- 8'(ML ZONES) INDUSTRIAL AREAS
- 8'(CG, CBD ZONES) COMMERCIAL AREAS
- 8'(PF ZONES) PUBLIC FACILITIES AREAS
- 8'(F ZONES) FAIR AREAS
- * MATCH GREATEST WIDTH FOR ANY ADJACENT ZONE

NOTES:
1. CONTRACTION JOINTS SHALL BE 3/8" x 1 1/2" ASPHALT SATURATED FELT PLACED AT 15' O.C.
2. THRU JOINTS SHALL BE 3/8" x 4" ASPHALT SATURATED FELT PLACED AT DRIVEWAYS, ALLEY RETURNS AND WHEELCHAIR RAMPS AND RADII.
3. V-GROOVEMARKS SHALL BE 1/8" DEEP AND 1/4" WIDE PLACED AT 5' O.C. FOR 5' SIDEWALKS AND 7.5' O.C. FOR 8' SIDEWALKS.
4. ALL JOINTS SHALL BE CLEAN AND EDGED TO A 1/4" RADIUS. JOINTS SHALL BE FLUSH WITH THE FINISHED SURFACE.
5. ALL UTILITY POLES AND STREET SIGN POSTS IN SIDEWALK AREA NOT REQUIRED TO BE RELOCATED SHALL HAVE A SQUARE SECTION OF CONCRETE SURROUNDED BY 3/8" EXPANSION JOINT MATERIAL AROUND THE POLE. THE JOINT SHALL BE NO CLOSER THAN 6" TO ANY SIDE OF THE POLE.
6. FORMS SHALL BE EITHER WOOD OR STEEL AND SHALL MEET ALL REQUIREMENTS OF THESE SPECIFICATIONS.
7. CONCRETE SHALL BE CLASS 3000 COMMERCIAL CONCRETE, 5.5 SACK MINIMUM, AASHTO GRADING 467 COARSE AGGREGATE, NO FLY ASH.
8. SIDEWALK MINIMUM UNOBSTRUCTED CLEAR WIDTH SHALL BE 4', EXCLUSIVE OF THE WIDTH OF THE CURB.
9. GRATINGS, ACCESS COVERS, JUNCTION BOXES, CABLE VAULTS, PULL BOXES AND OTHER APPURTENANCES WITHIN THE SIDEWALK (RIGHT-OF-WAY) MUST HAVE SLIP RESISTANT SURFACE AND MATCH THE GRADE OF THE SIDEWALK.
10. CURB RAMPS SHALL BE CONSTRUCTED AT INTERSECTIONS USING A DESIGN PREPARED BY A LICENSED PROFESSIONAL ENGINEER. WHEN A RAMP DESIGN FAILS TO MEET ALL APPLICABLE DESIGN STANDARDS, THE ENGINEER SHALL DOCUMENT WHY THE PROPOSED RAMP ACHIEVES DESIGN STANDARDS TO THE MAXIMUM EXTENT FEASIBLE.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

SIDEWALK WITHOUT PLANTING STRIP

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
IM/EWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	LINDA LIAN	01.02.01
FILE NAME: F:\DWG\COMMON\STDS\CITY\2009\01_STD\01.02\01.02.01	DATE APPROVED: 07/01/2009	DATE REVISED: 05/21/13	SCALE: 1:8	

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

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023
REVISIONS

Description	Date

SHEET 06 OF 10
SHEET TITLE
ROW PAVING DETAILS

SHEET NO.
C2.11

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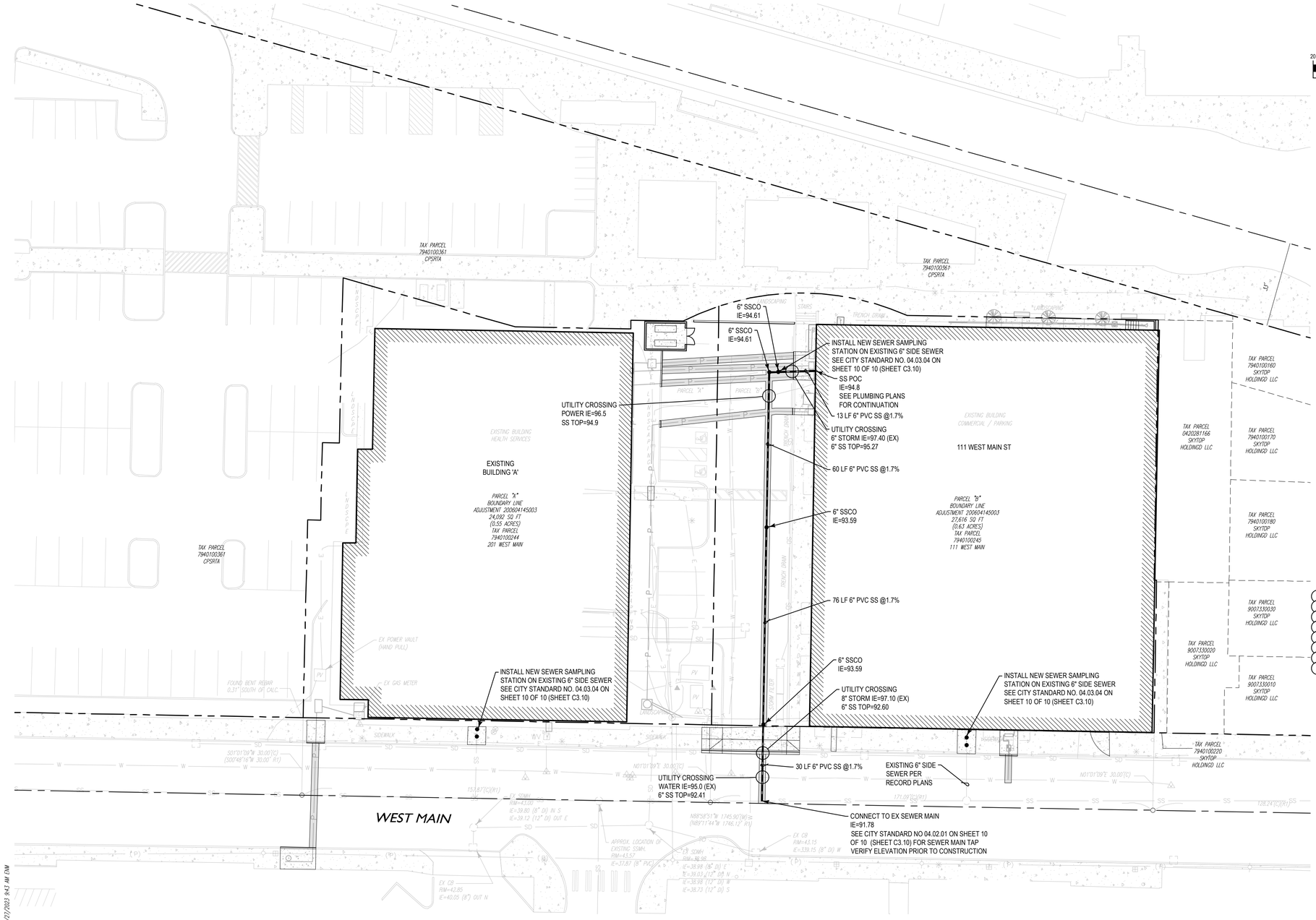
P:_2021\21204\R-016\20\CHCP - ROW PAVING DETAILS.dwg 3/27/2023 12:27 AM EWI


6" SSCO
IE=94.61
6" SSCO
IE=94.61
INSTALL NEW SEWER SAMPLING
STATION ON EXISTING 6" SIDE SEWER
SEE CITY STANDARD NO. 04.03.04 ON
SHEET 10 OF 10 (SHEET C3.10)
SS POC
IE=94.8
SEE PLUMBING PLANS
FOR CONTINUATION
13 LF 6" PVC SS @1.7%
UTILITY CROSSING
6" STORM IE=97.40 (EX)
6" SS TOP=95.27
60 LF 6" PVC SS @1.7%
UTILITY CROSSING
POWER IE=96.5
SS TOP=94.9
6" SSCO
IE=93.59
76 LF 6" PVC SS @1.7%
6" SSCO
IE=93.59
UTILITY CROSSING
8" STORM IE=97.10 (EX)
6" SS TOP=92.60
INSTALL NEW SEWER SAMPLING
STATION ON EXISTING 6" SIDE SEWER
SEE CITY STANDARD NO. 04.03.04 ON
SHEET 10 OF 10 (SHEET C3.10)
INSTALL NEW SEWER SAMPLING
STATION ON EXISTING 6" SIDE SEWER
SEE CITY STANDARD NO. 04.03.04 ON
SHEET 10 OF 10 (SHEET C3.10)
30 LF 6" PVC SS @1.7%
EXISTING 6" SIDE
SEWER PER
RECORD PLANS
UTILITY CROSSING
WATER IE=95.0 (EX)
6" SS TOP=92.41
CONNECT TO EX SEWER MAIN
IE=91.78
SEE CITY STANDARD NO 04.02.01 ON SHEET 10
OF 10 (SHEET C3.10) FOR SEWER MAIN TAP
VERIFY ELEVATION PRIOR TO CONSTRUCTION
EXISTING
BUILDING 'A'
EXISTING BUILDING
HEALTH SERVICES
EXISTING BUILDING
COMMERCIAL / PARKING
111 WEST MAIN ST
PARCEL "A"
BOUNDARY LINE
ADJUSTMENT 200604145003
24,092 SQ FT
(0.55 ACRES)
TAX PARCEL
7940100244
201 WEST MAIN
PARCEL "B"
BOUNDARY LINE
ADJUSTMENT 200604145003
27,616 SQ FT
(0.63 ACRES)
TAX PARCEL
7940100245
111 WEST MAIN
TAX PARCEL
7940100361
CPSRTA
TAX PARCEL
7940100160
SKYTOP
HOLDINGS LLC
TAX PARCEL
0420281166
SKYTOP
HOLDINGS LLC
TAX PARCEL
7940100170
SKYTOP
HOLDINGS LLC
TAX PARCEL
7940100180
SKYTOP
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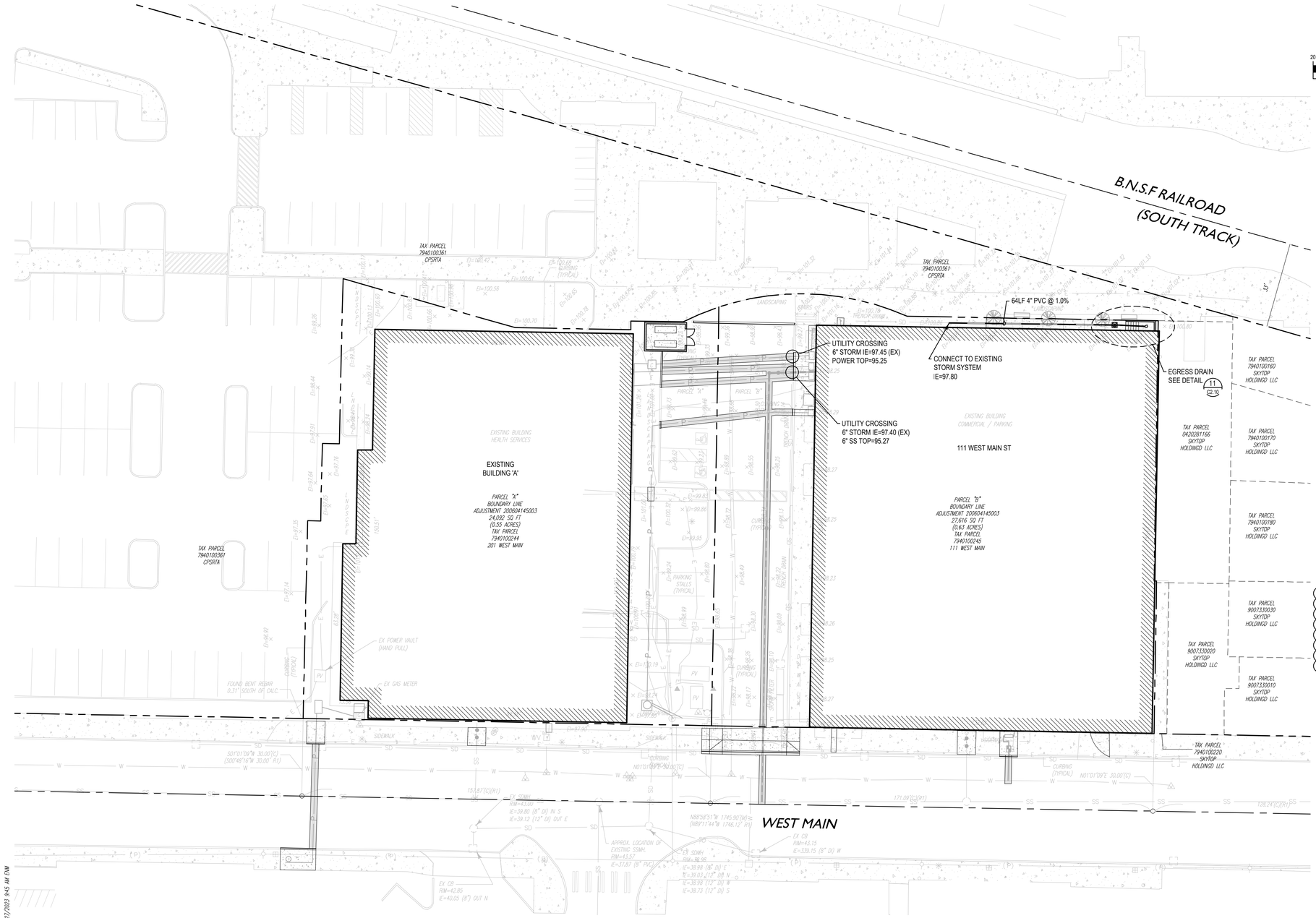
SKYTOP
HOLDINGS LLC
TAX PARCEL
9007330020
SKYTOP
HOLDINGS LLC
TAX PARCEL
9007330010
SKYTOP
HOLDINGS LLC
TAX PARCEL
7940100220
SKYTOP
HOLDINGS LLC
WEST MAIN
EX. POWER VAULT
(HAND PULL)
EX. GAS METER
FOUND BENT REBAR
0.31' SOUTH OF CALC.
EX. CB
RIM=42.85
IE=40.05 (8") OUT N
EX. STORM
RIM=43.03
IE=39.80 (8" DI) IN S
IE=39.12 (12" DI) OUT E
APPROX. LOCATION OF
EXISTING SSMH
RIM=43.57
IE=37.81 (8" PVC)
EX. CB
RIM=43.15
IE=39.15 (8" DI) W
(3' SOMH)
RIM=46.58
IE=38.98 (8" DI) E
IE=39.03 (12" DI) N
IE=38.98 (12" DI) W
IE=38.73 (12" DI) S
SIDEWALK
PLANTER
PARCEL "A"
PARCEL "B"
PORCH
STAIRS
PORCH RAMP
PLANTER
PLANTER
PLANTER



20 0 10 20 40

GRAPHIC SCALE
SCALE: 1"=20'

UTILITY CLEARANCES
1) STORM SHALL HAVE A MIN. VERTICAL CLEARANCE OF 12" ABOVE SEWER OR 18" BELOW SEWER.
2) SEWER SHALL HAVE A MIN. VERTICAL CLEARANCE OF 18" BELOW WATER.

4

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
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PRCTI20221698

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Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

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KEITH N. KRUEGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
3/27/2023

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
4	PERMIT RESUBMITTAL	3/27/2023

SHEET 08 OF 10
SHEET TITLE
STORM PLAN

4

SHEET NO.
C3.01

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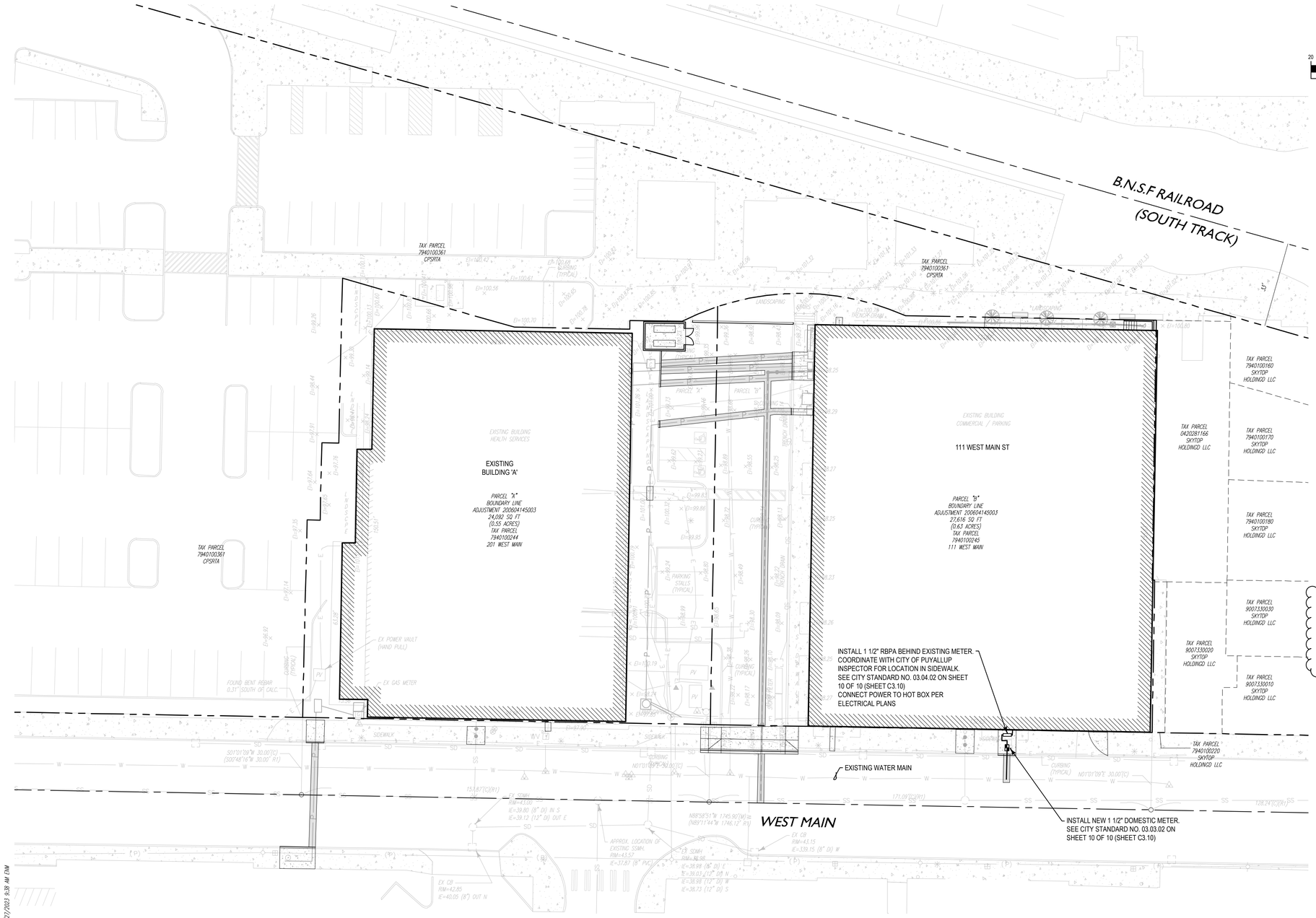
Call Before You Dig. 8-1-1 or 1-800-424-5555 Underground Service (USA)

P:_2022\22020NK-01\CAD\CHCP - STORM PLAN.dwg 3/27/2023 9:45 AM CNW



20 0 10 20 40

GRAPHIC SCALE
SCALE: 1"=20'

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Fax: 206 634 0167

COUGHLIN PORTER LUNDEEN
801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104
(206) 343-0460 www.cplinc.com

KEITH N. KRUEGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
3/27/2023

PHASE
PERMIT RESUBMITTAL
DATE
3/27/2023

REVISIONS

	Description	Date
4	PERMIT RESUBMITTAL	3/27/2023

SHEET 09 OF 10
SHEET TITLE
WATER PLAN

SHEET NO.
4 **C3.02**

Call Before You Dig. 8-1-1 or 1-800-424-5555 Underground Service (USA)

P:_2022\P22WM--016\CAD\CHCP - WATER PLAN.dwg 3/27/2023 9:38 AM EWM

APPROVED

BY _____
CITY OF PUYALLUP
DEVELOPMENT ENGINEERING

DATE _____

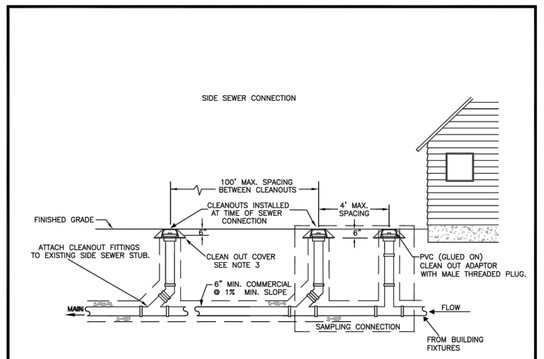
NOTE: THIS APPROVAL IS VOID AFTER 180 DAYS FROM APPROVAL DATE.
THE CITY WILL NOT BE RESPONSIBLE FOR ERRORS AND/OR OMISSIONS ON THESE PLANS.
FIELD CONDITIONS MAY DICTATE CHANGES TO THESE PLANS AS DETERMINED BY THE DEVELOPMENT ENGINEERING MANAGER.

CHC Puyallup Cannery

201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

PRCTI20221698



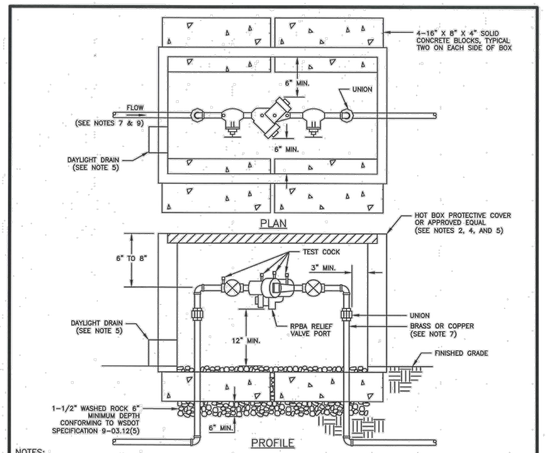
NOTES:

1. SAMPLING CONNECTION SHALL BE INSTALLED OUT SIDE WITH UNOBSTRUCTED ACCESS AT ALL TIMES.
2. A SAMPLING CONNECTION SHALL BE INSTALLED FOR EACH COMMERCIAL / RETAIL UNIT OR SPACE.
3. CLEAN OUT AND SAMPLING CONNECTION COVERS:
   A) FOR NON-VEHICULAR TRAFFIC INSTALLATIONS USE "CARSON" MODEL 910 GREEN YARD BOX WITH BOLT DOWN LID MARKED SEWER OR APPROVED EQUAL.
   B) FOR ASPHALT, GRAVEL, OR TRAFFIC INSTALLATIONS SEE CITY STANDARD DETAIL NO. 04.03.05 FRAME AND COVER SECTION.
4. EACH CLEANOUT ASSEMBLY SHALL CONSIST OF: ONE CLEANOUT ADAPTER, HUB x FEMALE, FIPT, PVC SI AND ONE CLEANOUT PLUG, MOPT WITH RAISED NUT, PVC SDR35.

CITY OF PUYALLUP
DEVELOPMENT ENGINEERING and PUBLIC WORKS DEPARTMENTS

COMMERCIAL SIDE SEWER CONNECTION WITH SAMPLING CONNECTION

DRAWN BY	CHECKED BY	APPROVED BY	REVISED BY	CITY STANDARD
BM ERWIN-SVOBODA	LINDA LIAN	COLLEEN HARRIS	LINDA LIAN	04.03.04
FILE NAME: P:\DWG\COMMON\STDS\CITY\2009\04_S\04.03\04.03.04		DATE APPROVED: 07/01/2009	DATE REVISED: 09/21/11	SCALE: 1:4



NOTES:

1. BACKFLOW ASSEMBLY MUST BE SELECTED FROM WASHINGTON STATE DEPARTMENT OF HEALTH'S LIST OF BACKFLOW PREVENTION ASSEMBLIES APPROVED FOR INSTALLATION IN WASHINGTON STATE, LATEST EDITION.
2. THE RPBA SHALL BE INSTALLED WITH ADEQUATE SPACE TO FACILITATE MAINTENANCE AND TESTING. IT SHALL BE TESTED AFTER INSTALLATION, BY A WASHINGTON STATE CERTIFIED BACK-FLOW ASSEMBLY TESTER, TO INSURE ITS SATISFACTORY OPERATION BEFORE OCCUPANCY, AND ANNUALLY THEREAFTER. SEND TEST RESULTS TO: CITY OF PUYALLUP, WATER QUALITY OPERATIONS, 1100 39TH AVE SE, PUYALLUP, WA 98374.
3. THE RPBA MUST BE PURCHASED AS A UNIT. NO MODIFICATIONS TO THE ASSEMBLY ARE ALLOWED.
4. THE RPBA SHALL NOT BE INSTALLED IN A PIT BELOW GROUND LEVEL.
5. THE PROTECTIVE COVERING FOR THE RPBA, WHICH PROTECTS THE ASSEMBLY FROM FREEZING, MUST INCLUDE A DAYLIGHT DRAIN. THE DRAIN MUST BE INSTALLED ABOVE GROUND OR ABOVE THE MAXIMUM FLOOD LEVEL, WHICHEVER IS HIGHER. THE DRAIN MUST BE A MINIMUM OF TWICE THE SIZE OF THE RPBA, TO BE ABLE TO HANDLE THE VOLUME OF WATER THAT POTENTIALLY COULD BE DISCHARGED FROM THE RELIEF VALVE PORT.
6. THE RPBA SHALL BE SIZED EQUAL OR COMPARABLE TO THE METER SIZE.
7. USE ONLY BRASS OR COPPER BETWEEN THE METER AND THE BOTTOM VERTICAL 90 DEGREE BEND ON THE CUSTOMER'S SIDE OF THE RPBA.
8. DIELECTRIC UNIONS MUST BE USED TO SEPARATE DISSIMILAR MATERIALS.
9. THE RPBA SHOULD BE LOCATED IMMEDIATELY DOWN STREAM OF THE METER, AND SHOULD NOT BE INSTALLED INSIDE A BUILDING.
10. AN RPBA INSTALLED MORE THAN FIVE (5) FEET ABOVE FLOOR LEVEL MUST HAVE A PLATFORM UNDER IT FOR THE TESTER OR MAINTENANCE PERSON TO STAND ON. THE PLATFORM MUST BE OSHA APPROVED AND MEET ALL APPLICABLE SAFETY STANDARDS AND CODES.

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

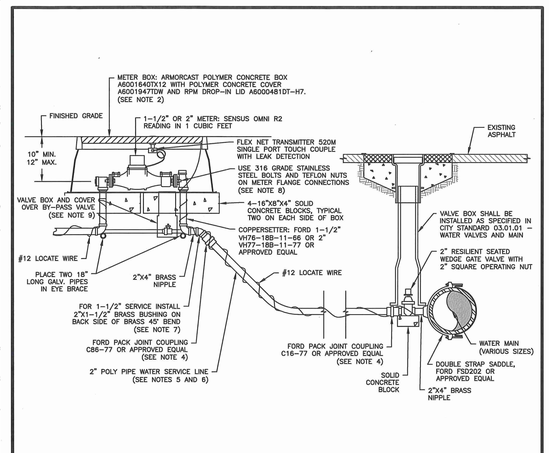
APPROVED FOR PUBLICATION — DATE SIGNED: 2/5/2019

2" AND SMALLER REDUCED PRESSURE BACKFLOW ASSEMBLY INSTALLATION

CITY STANDARD 03.04.02

(NOT TO SCALE)

FILE NAME: P:\DWG\CITY STANDARDS\CITY STANDARDS 2019\02-PART 2-STANDARD DETAILS\CAD\2019 02



NOTES:

1. ALL MATERIALS AND FITTINGS SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
2. NORMALLY THE WATER METER BOX SHOULD BE LOCATED IN THE PLANTING STRIP. IF SIDEWALK IS AGAINST THE CURB, PLACE METER BOX DIRECTLY BEHIND THE SIDEWALK. THE WATER METER BOX SHALL NOT BE LOCATED IN HARD SURFACES. WHEN UNAVOIDABLE, EXCEPTIONS CAN BE MADE AT END OF CUL–DE–SACS OR PAN HANDLED LOTS.
3. WATER MAINS SHALL HAVE A MINIMUM COVER OF 36" IN IMPROVED RIGHT–OF–WAY AND IMPROVED EASEMENTS, AND A MINIMUM OF 48" IN UNIMPROVED RIGHT–OF–WAY AND UNIMPROVED EASEMENTS.
4. ALL POLY PIPE COUPLINGS SHALL USE PIPE INSERT STIFFENERS.
5. THE WATER SERVICE LINE SHALL BE BEDDED IN WASHED SAND WITH 36" OF COVER BELOW FINISHED GRADE WITHIN THE RIGHT–OF–WAY. THE WATER SERVICE LINE SHALL BE ONE CONTINUOUS PIECE WITH NO SPLICES.
6. ALL POLY PIPE SHALL BE HIGH DENSITY POLY (IRON PIPE SIZE) MEETING ASTM D–2239–SIDR 7, BLUE IN COLOR, 200 PSI MINIMUM.
7. FOR A 1–1/2" WATER SERVICE, ALL MATERIAL SHALL BE 2" FROM THE WATER MAIN TO THE COPPERSETTER. REDUCE FROM 2" TO 1–1/2" IMMEDIATELY BEFORE COPPERSETTER.
8. THE STAINLESS STEEL METER FLANGE BOLTS SHALL BE 5/8" DIAMETER FOR THE 1–1/2" METER, AND 3/4" DIAMETER FOR THE 2" METER.
9. PROVIDE A 6" CIRCULAR VALVE BOX WITH COVER (APPLIED ENGINEERING PRODUCT MODEL 708 WITH GREEN LID OR AN APPROVED EQUAL) OVER BY–PASS VALVE.

CITY OF PUYALLUP
OFFICE of THE CITY ENGINEER

APPROVED FOR PUBLICATION — DATE SIGNED: 10/15/2019

1-1/2" AND 2" WATER SERVICE CONNECTION

CITY STANDARD 03.03.02

(NOT TO SCALE)

FILE NAME: P:\DWG\CITY STANDARDS\CITY STANDARDS 2019\02-PART 2-STANDARD DETAILS\CAD\2019 02

COUGHLIN PORTER LUNDEEN

801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104

(206) 343-0460 www.cplinc.com

KEITH N. KRUEGER — STATE OF WASHINGTON — 39871 — REGISTERED PROFESSIONAL ENGINEER
4/14/2023

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE

PERMIT RESUBMITTAL

DATE

3/27/2023

REVISIONS

Description	Date

SHEET 10 OF 10
SHEET TITLE

UTILITY DETAILS

SHEET NO.

C3.10

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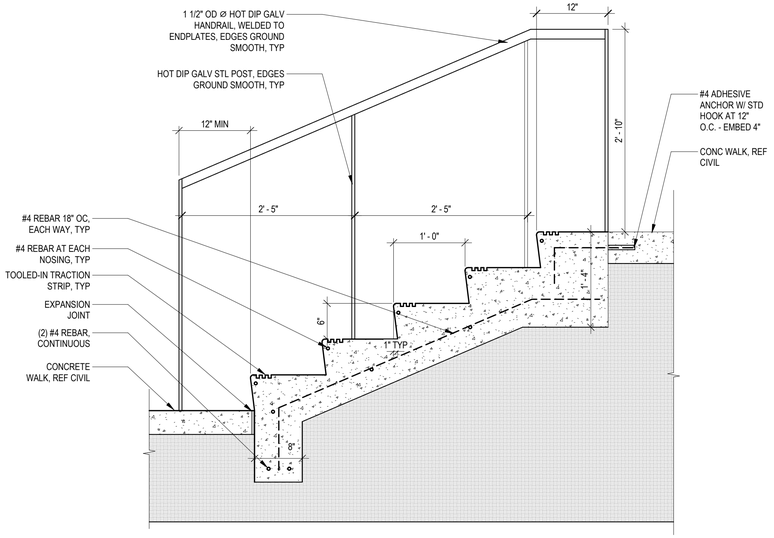
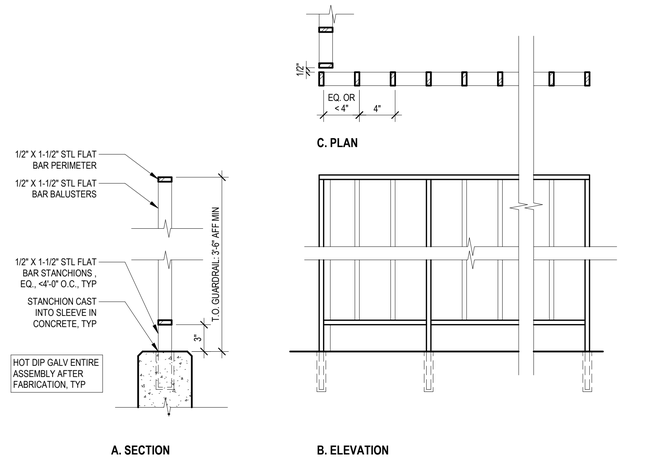
P:_2022\P22WK-01\LOD\CHCP - UTILITY DETAILS.dwg 3/27/2023 12:26 AM DM

PRCTI20221698



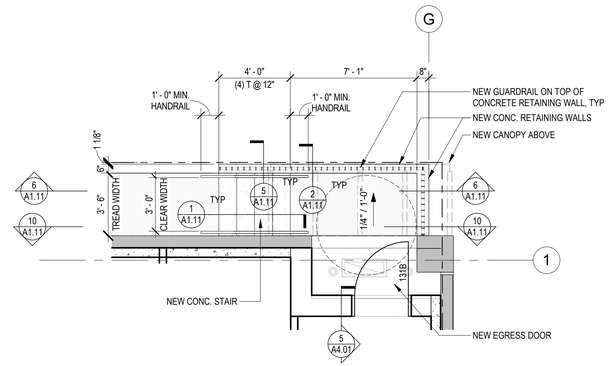
1 Concrete Stair on Grade

1" = 1'-0"



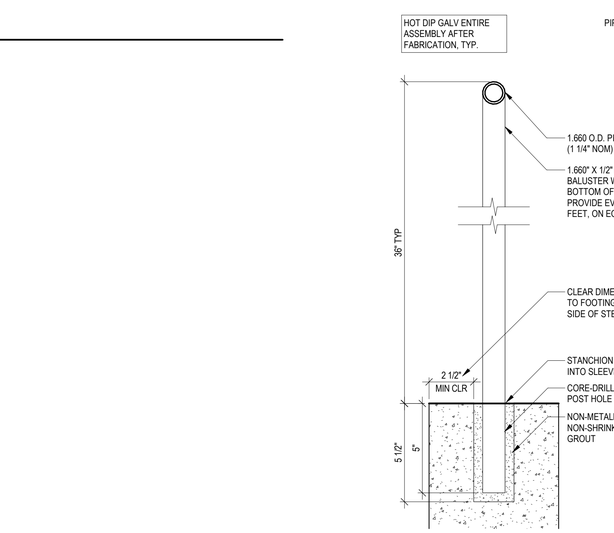
2 Guardrail @ North Egress Stair

1 1/2" = 1'-0"



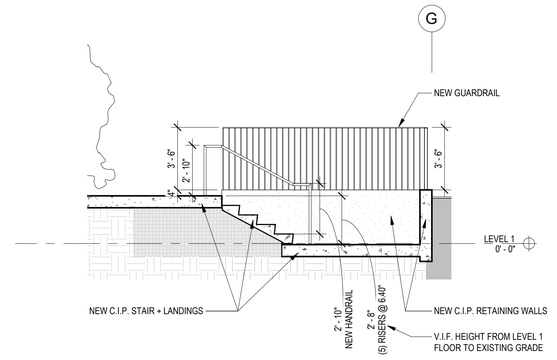
3 New Egress Stair - Enlarged Plan

1/4" = 1'-0"



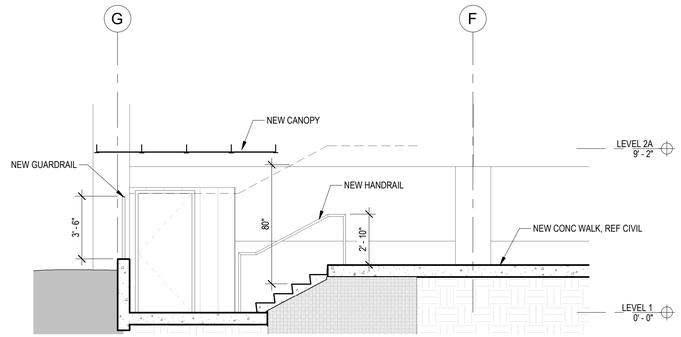
5 Sleeved Site Handrail Assembly, Typ

3" = 1'-0"



6 New Egress Stair - Section Looking North

1/4" = 1'-0"



10 New Egress Stair - Section Looking South

1/4" = 1'-0"

CHC Puyallup - Garage

111 W. Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE

PERMIT SET

DATE

11/02/2022

REVISIONS

No.	Description	Date
	SUBMITTED & REVIEWED UNDER BUILDING PERMIT #PRCTI20221714	

SHEET TITLE

EXTERIOR EGRESS STAIR

SHEET NO.

A1.11

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2213

PRCTI20221698

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201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

Karen Kiest
Landscape Architects
111 west john street suite 306
seattle washington 98119
206 323 6032
www.kk-la.com

CONSULTANT'S STAMP

STATE OF WASHINGTON · KAREN S. KIEST · 949 · REGISTERED LANDSCAPE ARCHITECT

BUILDING DEPARTMENT STAMP

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE

BUILDING PERMIT SET

DATE

01/13/2023

REVISIONS

Description	Date
PERMIT CORR. 2	01/13/2023

SHEET TITLE

Planting Plan

SHEET NO.

L1.0

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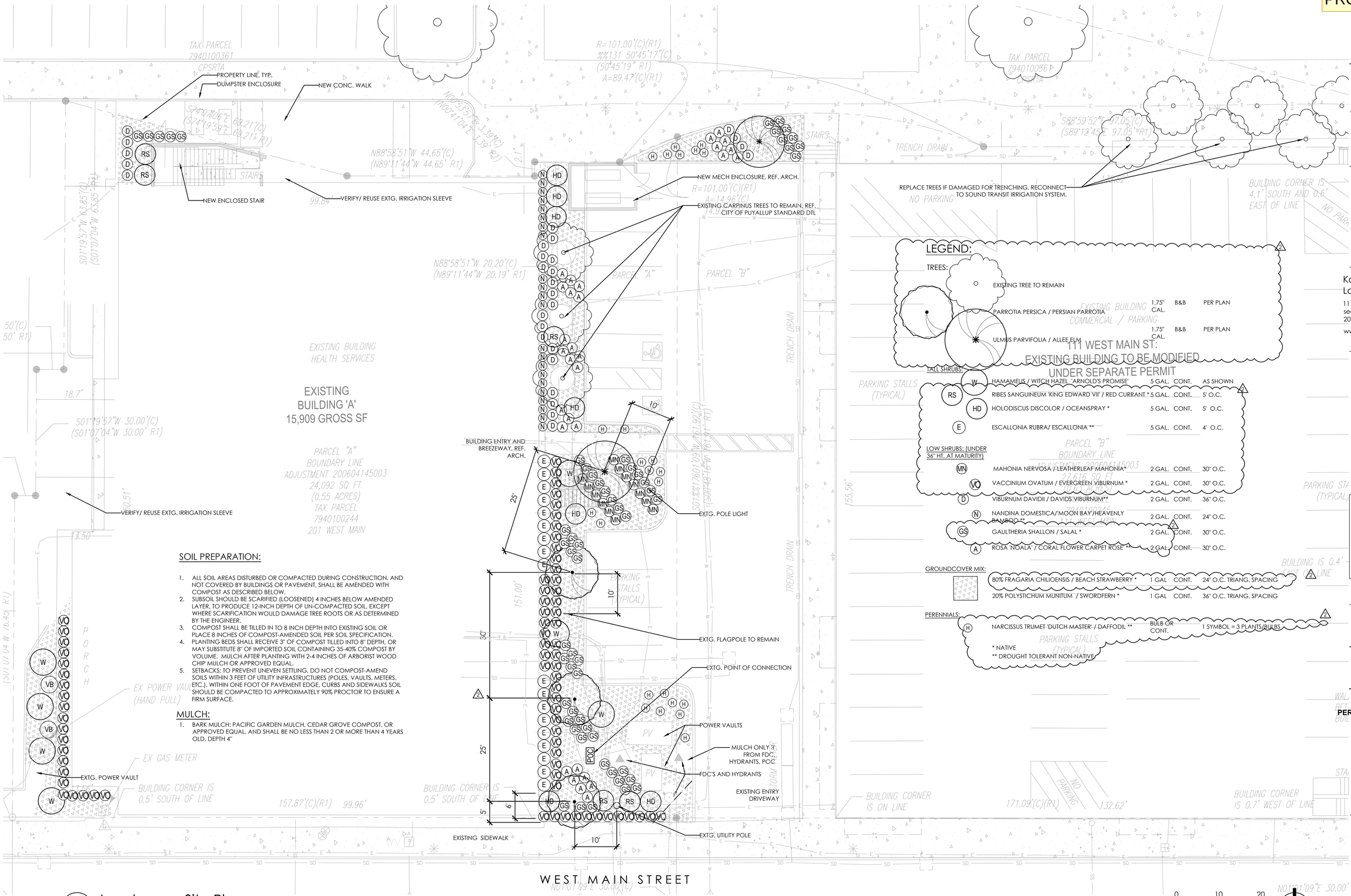


LEGEND:

TREES:

	EXISTING TREE TO REMAIN			
	PARROTIA PERSICA / PERSIAN PARROTIA	1.75" CAL.	B&B	PER PLAN
	ULMUS PARVIFOLIA / ALLEE ELM	1.75" CAL.	B&B	PER PLAN

111 WEST MAIN ST:
EXISTING BUILDING TO BE MODIFIED UNDER SEPARATE PERMIT

TALL SHRUBS:

W	HAMAMELIS / WITCH HAZEL 'ARNOLD'S PROMISE'	5 GAL.	CONT.	AS SHOWN
RS	RIBES SANGUINEUM 'KING EDWARD VII' / RED CURRANT *	5 GAL.	CONT.	5' O.C.
HD	HOLODISCUS DISCOLOR / OCEANSPRAY *	5 GAL.	CONT.	5' O.C.
E	ESCALLONIA RUBRA/ ESCALLONIA **	5 GAL.	CONT.	4' O.C.

LOW SHRUBS: (UNDER 36" HT. AT MATURITY)

MN	MAHONIA NERVOSA / LEATHERLEAF MAHONIA*	2 GAL.	CONT.	30" O.C.
VO	VACCINIUM OVATUM / EVERGREEN VIBURNUM *	2 GAL.	CONT.	30" O.C.
D	VIBURNUM DAVIDII / DAVIDS VIBURNUM**	2 GAL.	CONT.	36" O.C.
N	NANDINA DOMESTICA/'MOON BAY'/HEAVENLY BAMBOO **	2 GAL.	CONT.	24" O.C.
GS	GAULTHERIA SHALLON / SALAL *	2 GAL.	CONT.	30" O.C.
A	ROSA 'NOALA' / CORAL FLOWER CARPET ROSE *	2 GAL.	CONT.	30" O.C.

GROUNDCOVER MIX:

	80% FRAGARIA CHILIOENSIS / BEACH STRAWBERRY *	1 GAL	CONT.	24" O.C. TRIANG. SPACING
	20% POLYSTICHUM MUNITUM / SWORDFERN *	1 GAL	CONT.	36" O.C. TRIANG. SPACING

PERENNIALS:

H	NARCISSUS TRUMET 'DUTCH MASTER' / DAFFODIL **	BULB OR CONT.		1 SYMBOL = 3 PLANTS/BULBS

* NATIVE
** DROUGHT TOLERANT NON-NATIVE

SOIL PREPARATION:

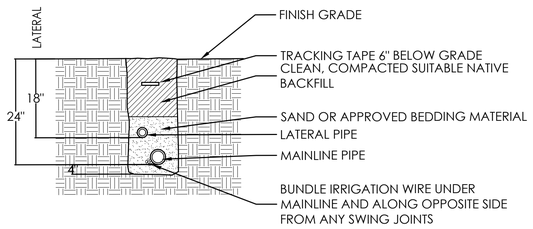
1. ALL SOIL AREAS DISTURBED OR COMPACTED DURING CONSTRUCTION, AND NOT COVERED BY BUILDINGS OR PAVEMENT, SHALL BE AMENDED WITH COMPOST AS DESCRIBED BELOW.
2. SUBSOIL SHOULD BE SCARIFIED (LOOSENED) 4 INCHES BELOW AMENDED LAYER, TO PRODUCE 12-INCH DEPTH OF UN-COMPACTED SOIL, EXCEPT WHERE SCARIFICATION WOULD DAMAGE TREE ROOTS OR AS DETERMINED BY THE ENGINEER.
3. COMPOST SHALL BE TILLED IN TO 8 INCH DEPTH INTO EXISTING SOIL OR PLACE 8 INCHES OF COMPOST-AMENDED SOIL PER SOIL SPECIFICATION.
4. PLANTING BEDS SHALL RECEIVE 3" OF COMPOST TILLED INTO 8" DEPTH, OR MAY SUBSTITUTE 8" OF IMPORTED SOIL CONTAINING 35-40% COMPOST BY VOLUME. MULCH AFTER PLANTING WITH 2-4 INCHES OF ARBORIST WOOD CHIP MULCH OR APPROVED EQUAL.
5. SETBACKS: TO PREVENT UNEVEN SETTLING, DO NOT COMPOST-AMEND SOILS WITHIN 3 FEET OF UTILITY INFRASTRUCTURES (POLES, VAULTS, METERS, ETC.). WITHIN ONE FOOT OF PAVEMENT EDGE, CURBS AND SIDEWALKS SOIL SHOULD BE COMPACTED TO APPROXIMATELY 90% PROCTOR TO ENSURE A FIRM SURFACE.

MULCH:

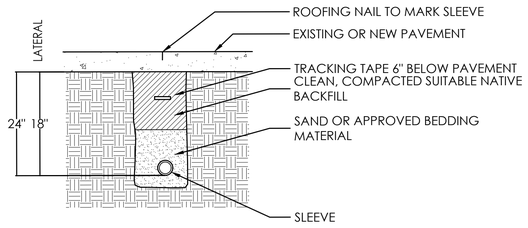
1. BARK MULCH: PACIFIC GARDEN MULCH, CEDAR GROVE COMPOST, OR APPROVED EQUAL, AND SHALL BE NO LESS THAN 2 OR MORE THAN 4 YEARS OLD. DEPTH 4"

1 Landscape Site Plan
scale 1" = 10' - 0"

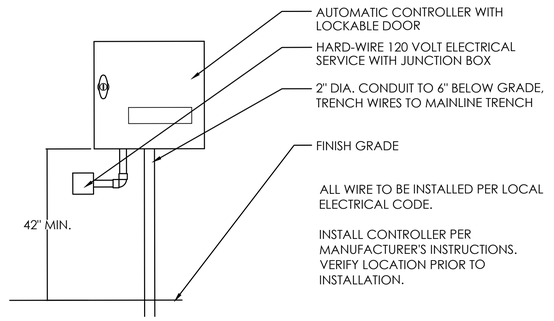
0 10 20



1 IRRIGATION TRENCH
SCALE: NTS



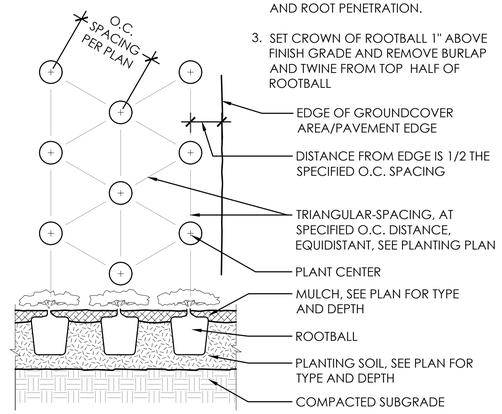
2 IRRIGATION SLEEVE
SCALE: NTS



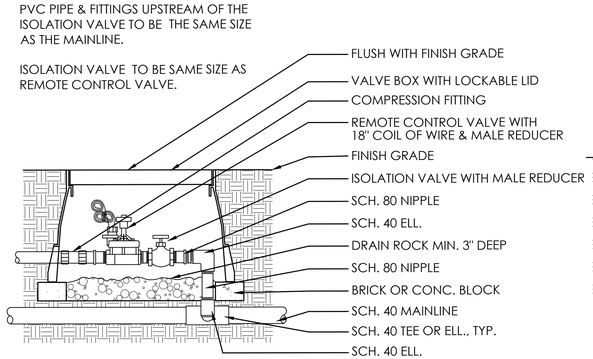
3 CONTROLLER
SCALE: NTS

NOTES

1. BARK MULCH SHOULD NOT COME IN CONTACT WITH TREE TRUNKS OR SHRUB BRANCHES & STEMS.
2. SCARIFY EDGES OF ALL PLANTING PITS TO ENCOURAGE WATER PERCOLATION AND ROOT PENETRATION.
3. SET CROWN OF ROOTBALL 1" ABOVE FINISH GRADE AND REMOVE BURLAP AND TWINE FROM TOP HALF OF ROOTBALL



10 SHRUB/GROUNDCOVER PLANTING & SPACING
SCALE: NTS



4 REMOTE CONTROL VALVE
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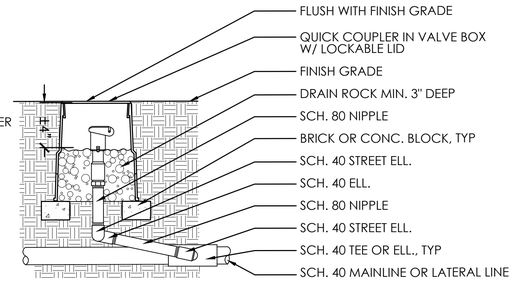

5 QUICK COUPLER
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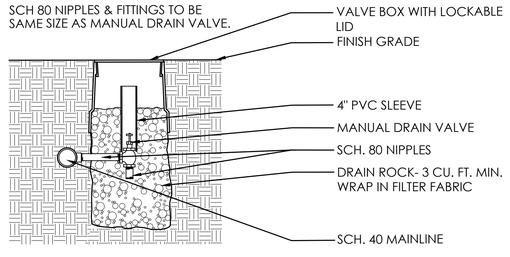

6 MANUAL DRAIN VALVE
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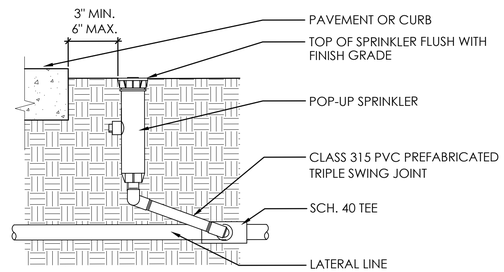

7 POP-UP SPRINKLER
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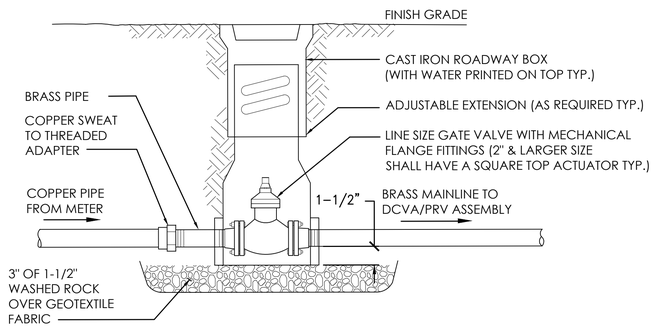
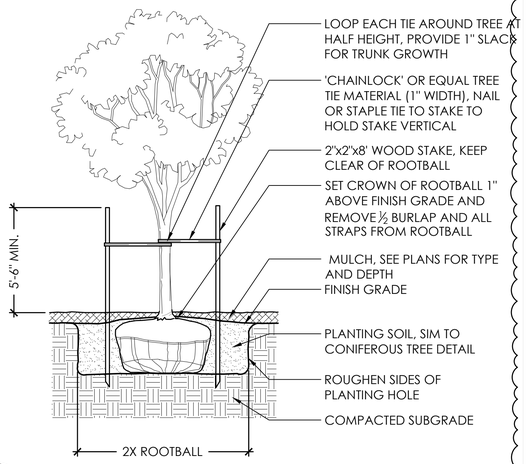
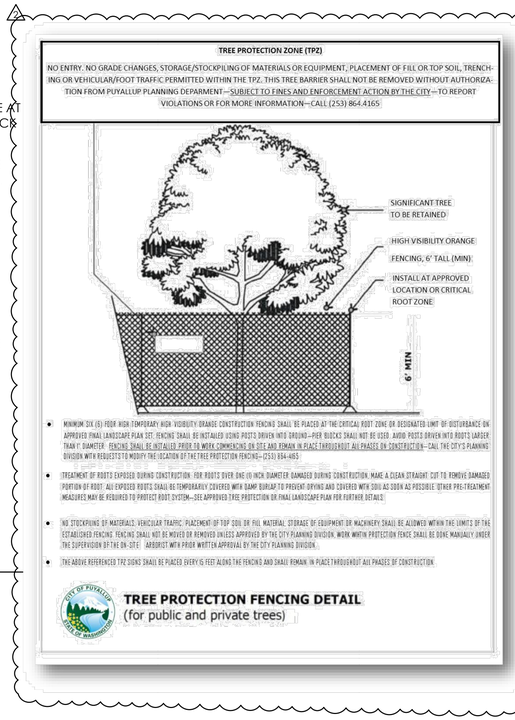


8 EXTERIOR GATE VALVE
SCALE: NTS



9 DECIDUOUS TREE PLANTING
SCALE: 1" = 1'-0"



PRCTI20221698

CHC Puyallup Cannery

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Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

Karen Kiest
Landscape Architects
111 west john street suite 306
seattle washington 98119
206 323 6032
www.kk-la.com

CONSULTANT'S STAMP

STATE OF WASHINGTON · KAREN S. KIEST · LICENSED LANDSCAPE ARCHITECT · NO. 959 EXP. 12/07/2023

BUILDING DEPARTMENT STAMP

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

PHASE

BUILDING PERMIT SET

DATE

01/13/2023

REVISIONS

Description	Date
PERMIT CORR. 2	01/13/2023

SHEET TITLE

Planting and Irrigation Details

SHEET NO.

L2.0

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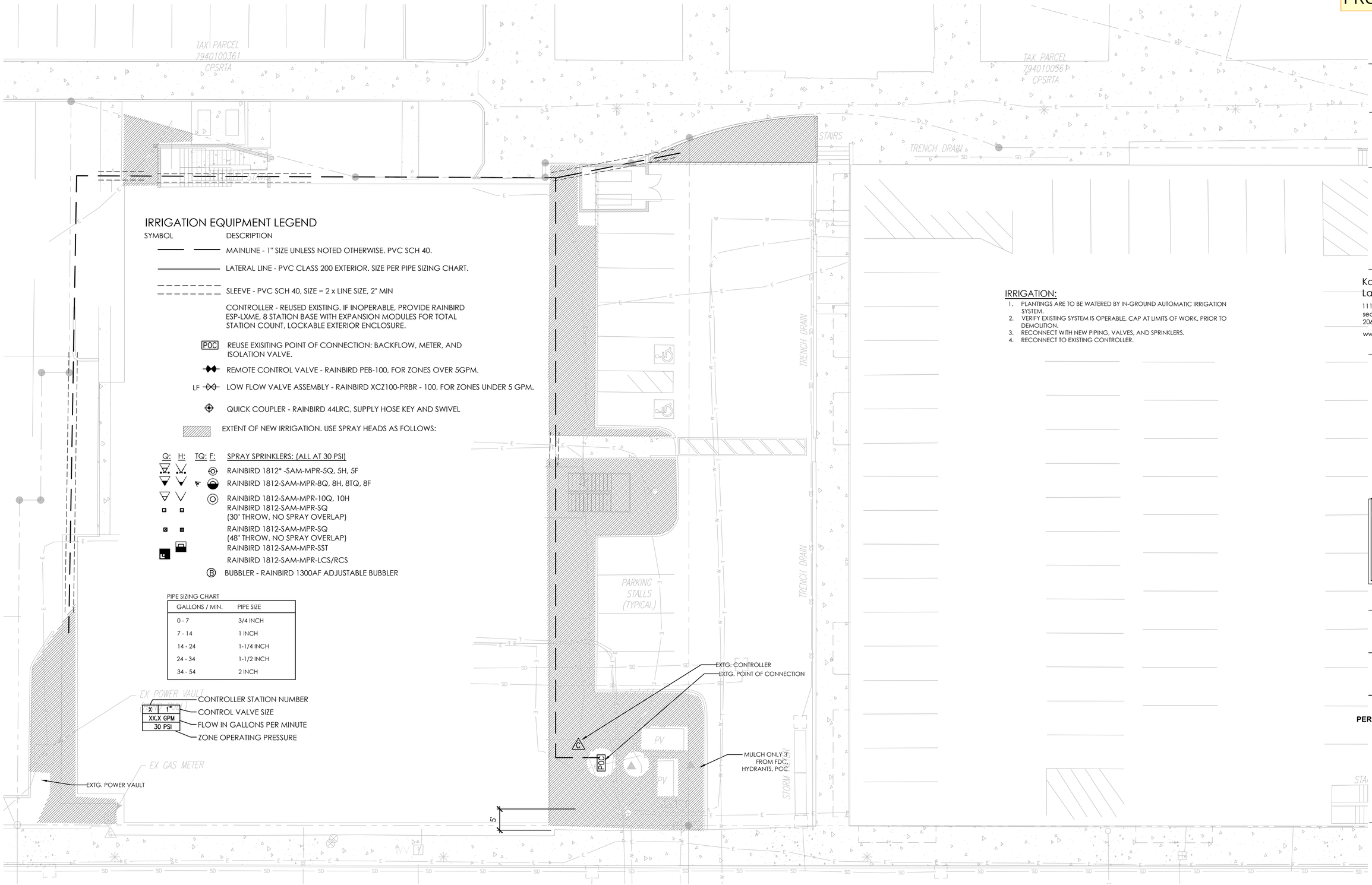
PRCTI20221698



IRRIGATION EQUIPMENT LEGEND

SYMBOL	DESCRIPTION
	MAINLINE - 1" SIZE UNLESS NOTED OTHERWISE. PVC SCH 40.
	LATERAL LINE - PVC CLASS 200 EXTERIOR. SIZE PER PIPE SIZING CHART.
	SLEEVE - PVC SCH 40, SIZE = 2 x LINE SIZE, 2" MIN
	CONTROLLER - REUSED EXISTING. IF INOPERABLE, PROVIDE RAINBIRD ESP-LXME, 8 STATION BASE WITH EXPANSION MODULES FOR TOTAL STATION COUNT, LOCKABLE EXTERIOR ENCLOSURE.
POC	REUSE EXISITING POINT OF CONNECTION: BACKFLOW, METER, AND ISOLATION VALVE.
	REMOTE CONTROL VALVE - RAINBIRD PEB-100, FOR ZONES OVER 5GPM.
LF	LOW FLOW VALVE ASSEMBLY - RAINBIRD XCZ100-PRBR - 100, FOR ZONES UNDER 5 GPM.
	QUICK COUPLER - RAINBIRD 44LRC, SUPPLY HOSE KEY AND SWIVEL
	EXTENT OF NEW IRRIGATION. USE SPRAY HEADS AS FOLLOWS:

Q:	H:	TQ:	F:	SPRAY SPRINKLERS: (ALL AT 30 PSI)
				RAINBIRD 1812* -SAM-MPR-5Q, 5H, 5F
				RAINBIRD 1812-SAM-MPR-8Q, 8H, 8TQ, 8F
				RAINBIRD 1812-SAM-MPR-10Q, 10H RAINBIRD 1812-SAM-MPR-SQ (30" THROW, NO SPRAY OVERLAP)
				RAINBIRD 1812-SAM-MPR-SQ (48" THROW, NO SPRAY OVERLAP) RAINBIRD 1812-SAM-MPR-SST
				RAINBIRD 1812-SAM-MPR-LCS/RCS
				B BUBBLER - RAINBIRD 1300AF ADJUSTABLE BUBBLER

PIPE SIZING CHART

GALLONS / MIN.	PIPE SIZE
0 - 7	3/4 INCH
7 - 14	1 INCH
14 - 24	1-1/4 INCH
24 - 34	1-1/2 INCH
34 - 54	2 INCH

X | 1"
XX.X GPM
30 PSI

- CONTROLLER STATION NUMBER
- CONTROL VALVE SIZE
- FLOW IN GALLONS PER MINUTE
- ZONE OPERATING PRESSURE

IRRIGATION:

1. PLANTINGS ARE TO BE WATERED BY IN-GROUND AUTOMATIC IRRIGATION SYSTEM.
2. VERIFY EXISTING SYSTEM IS OPERABLE, CAP AT LIMITS OF WORK, PRIOR TO DEMOLITION.
3. RECONNECT WITH NEW PIPING, VALVES, AND SPRINKLERS.
4. RECONNECT TO EXISTING CONTROLLER.

1 Irrigation Plan: Schematic
scale 1" = 10' - 0"

0 10 20

CHC Puyallup Cannery

201 W Main
Puyallup WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

Karen Kiest
Landscape Architects
111 west john street suite 306
seattle washington 98119
206 323 6032
www.kk-la.com

CONSULTANT'S STAMP

STATE OF WASHINGTON · KAREN S. KIEST · REGISTERED LANDSCAPE ARCHITECT · NO 959 EXP. 12/19/2023

BUILDING DEPARTMENT STAMP

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PHASE

BUILDING PERMIT SET

DATE

01/13/2023

REVISIONS

Description	Date
PERMIT CORR. 2	01/13/2023

SHEET TITLE

Irrigation Plan

SHEET NO.

L3.0

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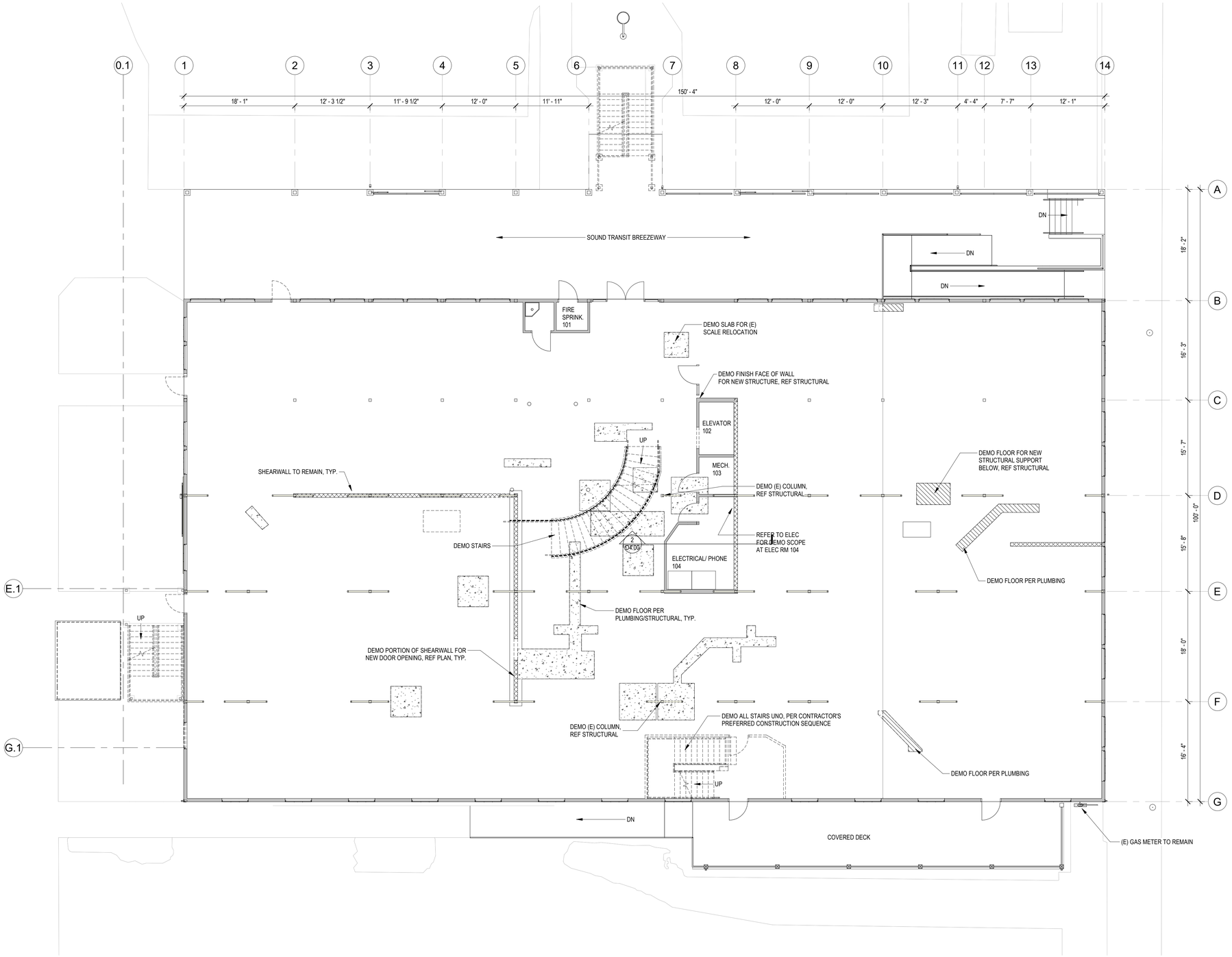
PRCTI20221698



1 **Demo Floor Plan - Level 1 - Complete Demo**
1/8" = 1'-0"

Selective Demolition Plan General Notes

GENERAL NOTES
1. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH THE HAZARDOUS MATERIALS ABATEMENT SPECIFICATIONS. REFER TO ABATEMENT SPECIFICATIONS AND REPORT. ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE STATE AND FEDERAL STANDARDS.
2. CONTRACTOR TO REVIEW THE ENTIRE PROJECT DOCUMENTS AND PERFORM SELECTIVE DEMOLITION TO ACCOMPLISH THE WORK OF THE CONTRACT WHILE PROTECTING THE BUILDING, GROUNDS, HARDSCAPE, LANDSCAPE, AND ALL WORK TO REMAIN. GENERAL CONTRACTOR SHALL PHOTOGRAPHICALLY DOCUMENT AND REVIEW EXISTING DAMAGE IN MATERIALS AND ASSEMBLIES TO REMAIN WITH THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING DEMOLITION.
3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF DISCREPANCIES WITH THE DRAWINGS THAT MAY AFFECT THE STRUCTURAL CAPACITIES AND FINISHED APPEARANCE OF THE CONCRETE BEFORE PROCEEDING WITH ANY DEMOLITION ACTIVITIES.
4. DRAWING REPRESENTATIONS OF FRAMING AND OTHER CONCEALED CONDITIONS IN EXISTING BUILDING ARE APPROXIMATE. ACTUAL CONDITIONS MAY DIFFER. CONTRACTOR TO CONSULT W/ ARCHITECT IF SIGNIFICANT DISCREPANCIES ARE FOUND DURING DEMOLITION.
5. COORDINATE ALL DEMOLITION WORK, INCLUDING WORK OF ALL TRADES AND WORK SHOWN ON OTHER SHEETS THROUGHOUT THE SET.
6. DEMOLISH AND REMOVE ALL INTERIOR PARTITIONS DESIGNATED IN DASHED LINES IN THEIR ENTIRETY, UNO REFER TO ALTERATION PLAN FOR ADDITIONAL INFORMATION.
7. SELECTIVE DEMOLITION TO INCLUDE BUT NOT BE LIMITED TO ELEMENTS OF: FINISHES, DOORS, CASEWORK, PLUMBING FIXTURES, DUCTWORK, CEILING FINISHES, TELEPHONE AND ELECTRICAL CONDUIT, CABLE AND EQUIPMENT, LIGHT FIXTURES, PARTITIONS AND OTHER ITEMS WHERE INDICATED AND AS REQUIRED TO ACCOMPLISH THE FINAL WORK.
8. TAKE CARE TO PROTECT CONCRETE ELEMENTS, EXISTING ROOF, ROOFING, FLASHINGS, BRICK MASONRY, WINDOWS, DOORS, AND OTHER EXTERIOR ELEMENTS INTENDED TO REMAIN WHEN REMOVING FASTENERS AND ANCHORS. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING SUCH AREAS.
9. WHERE EXISTING WORK IS TO BE CUT BACK FOR NEW WORK, CONTRACTOR IS TO ENSURE THAT CUTS ARE STRAIGHT AND TRUE. WHERE CUTS DO NOT CONFORM TO THE NEW WORK, PATCH THE EXISTING WORK TO A LEVEL DETERMINED TO BE ACCEPTABLE FOLLOWING CONSULTATION WITH THE ARCHITECT IN THE FIELD.
10. PROVIDE FIELD ENGINEERING AND TEMPORARY SUPPORT FOR (E) CONSTRUCTION TO REMAIN AS NECESSARY.
11. PROTECT ALL ITEMS AND FINISHES TO REMAIN. CONTRACTOR TO COORDINATE WITH FINAL FINISH REQUIREMENTS FOR ITEMS AND FINISHES TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ITEMS DAMAGE DURING THE COURSE OF THE WORK.
12. REFER TO SELECTIVE DEMO CEILING PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
13. EXISTING FIRE EXTINGUISHER CABINETS SHALL BE REMOVED FROM WALLS AND KEPT ON SITE, PROTECT.

ARCHITECTURAL
1. CONTRACTOR SHALL WALK THE SITE WITH THE OWNER'S REPRESENTATIVE TO IDENTIFY ANY ITEMS WHICH SHOULD BE SET ASIDE AND PROTECTED FOR OWNER SALVAGE AFTER REMOVAL. THE OWNER WILL TRANSPORT SUCH ITEMS FROM THE SITE.
2. WHERE DOOR FRAMES ARE DEMOLISHED, DOOR STOP TO ALSO BE DEMOLISHED.

STRUCTURAL
1. PROTECT ALL STRUCTURAL COMPONENTS TO REMAIN AND IMMEDIATELY NOTIFY ARCHITECT IF ANY DAMAGE OCCURS.
2. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OF ALL DAMAGE TO THE STRUCTURE.

MECHANICAL
1. SAFELY TERMINATE ALL POWER AND PLUMBING LINES. REFER TO ALL APPLICABLE CODES.
2. COORDINATE WORK WITH THE OWNER'S UTILITIES SERVICE PROVIDERS.
3. REFER TO MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL SCOPE AND REQUIREMENTS.

PLUMBING
1. COORDINATE WORK WITH THE OWNER'S UTILITIES SERVICE PROVIDERS.
2. DEMOLISH ALL PLUMBING PIPING AND FIXTURES WHERE INDICATED IN PLANS AND IN WALLS TO BE DEMOLISHED. CAP ALL PIPING FLUSH WITH FLOOR.
3. FLUSH ALL REFRIGERANT AT EXISTING TO REMAIN MECHANICAL EQUIPMENT.

ELECTRICAL
1. ELECTRICAL INSTALLATIONS ARE SHOWN DIAGRAMMATICALLY AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID AND DETERMINE THE FULL SCOPE OF ELECTRICAL DEMOLITION.
2. COORDINATE ELECTRICAL AND TELECOM WORK WITH THE OWNER'S SERVICE PROVIDER.
3. MAKE ALL ELECTRICAL TERMINATIONS SAFELY AND PER CODE. REMOVE AND DISPOSE OF ALL ABANDONED MATERIAL.
4. VERIFY ALL SHEAR WALLS THAT REMAIN WITH DEMOLITION ON ARCHITECT DRAWINGS. DISCONNECT AND REMOVE ALL POWER AND DATA OUTLETS, MC CABLING, SMURF TUBING, WIRING AND CABLING OUT OF THE SHEAR WALLS.
5. REMOVE ALL ELECTRICAL POWER EQUIPMENT, MECHANICAL EQUIPMENT CONNECTIONS AND DEVICES THROUGHOUT EXISTING BUILDING, UNLESS NOTED OTHERWISE. REMOVE EXISTING ELECTRICAL DEVICES, LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, CONDUIT, WIRING, CABLING BACK TO SOURCE. EXISTING CODE EXIT SIGN AND EGRESS LIGHTING TO REMAIN.
6. AT EXTERIOR WALLS, REMOVE ALL LOW VOLTAGE WIRING TO SOURCE.(E) POWER AT EXTERIOR WALLS TO REMAIN.
7. EXISTING ACCESS CONTROL AND SECURITY ALARM SYSTEM TO REMAIN IN PLACE THROUGHOUT, UNLESS OTHERWISE NOTED.
8. REMOVE ALL EXISTING FIRE ALARM SYSTEM, COORDINATE ALL WORK WITH THE PUYALLUP FIRE DEPARTMENT AND UL LISTED FIRE ALARM COMPANY SERVICING BY GUARDIAN SECURITY THE EXISTING BUILDING. COIL EXCESS WIRING AND FIXTURE AT CEILING.

Selective Demo Plan Legend

- EXISTING WALL AND ITEMS TO REMAIN, TYP
- EXISTING SHEARWALL TO REMAIN, TYP
- EXISTING WALLS AND ITEMS TO BE DEMOLISHED, TYP
- CUT OPENING IN WALL, TYPICAL FRAMED WALL UNLESS INDICATED OTHERWISE, TYP
- DOOR AND FRAME TO BE DEMOLISHED, TYP
- EXISTING WOOD FRAMED FLOOR STRUCTURE TO BE DEMOLISHED, TYP
- EXISTING CONCRETE SLAB TO BE DEMOLISHED, TYP

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

DEMO FLOOR PLAN LEVEL 1 - COMPLETE DEMO

SHEET NO.

D1.22

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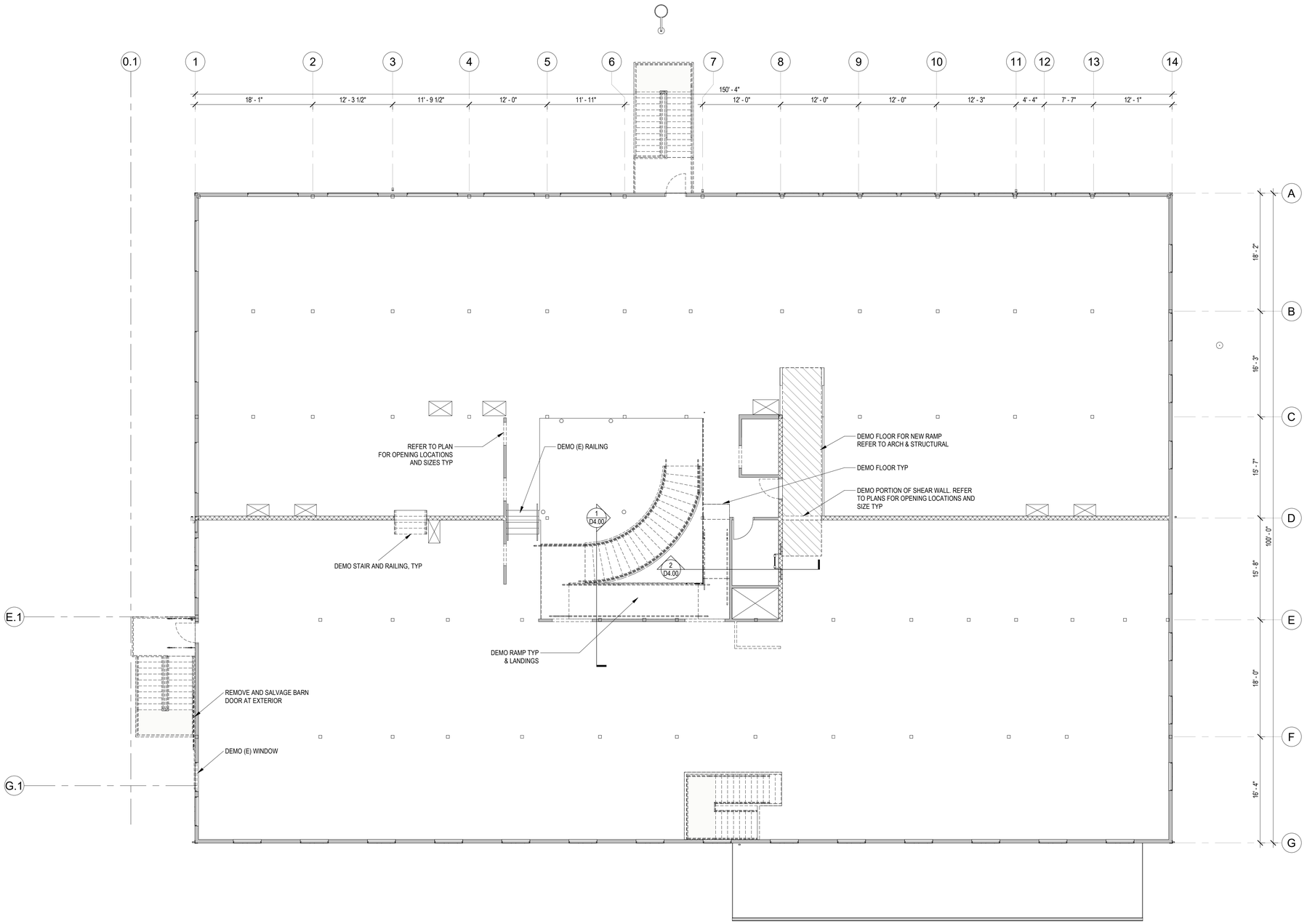
PRCTI20221698



1 **Demo Floor Plan - Level 2 - Complete Demo**
1/8" = 1'-0"

Selective Demolition Plan General Notes

GENERAL NOTES
1. CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH THE HAZARDOUS MATERIALS ABATEMENT SPECIFICATIONS. REFER TO ABATEMENT SPECIFICATIONS AND REPORT. ABATEMENT WORK SHALL CONFORM TO ALL APPLICABLE STATE AND FEDERAL STANDARDS.
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3. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT OF DISCREPANCIES WITH THE DRAWINGS THAT MAY AFFECT THE STRUCTURAL CAPACITIES AND FINISHED APPEARANCE OF THE CONCRETE BEFORE PROCEEDING WITH ANY DEMOLITION ACTIVITIES.
4. DRAWING REPRESENTATIONS OF FRAMING AND OTHER CONCEALED CONDITIONS IN EXISTING BUILDING ARE APPROXIMATE. ACTUAL CONDITIONS MAY DIFFER. CONTRACTOR TO CONSULT W/ ARCHITECT IF SIGNIFICANT DISCREPANCIES ARE FOUND DURING DEMOLITION.
5. COORDINATE ALL DEMOLITION WORK, INCLUDING WORK OF ALL TRADES AND WORK SHOWN ON OTHER SHEETS THROUGHOUT THE SET.
6. DEMOLISH AND REMOVE ALL INTERIOR PARTITIONS DESIGNATED IN DASHED LINES IN THEIR ENTIRETY, UNO REFER TO ALTERATION PLAN FOR ADDITIONAL INFORMATION.
7. SELECTIVE DEMOLITION TO INCLUDE BUT NOT BE LIMITED TO ELEMENTS OF: FINISHES, DOORS, CASEWORK, PLUMBING FIXTURES, DUCTWORK, CEILING FINISHES, TELEPHONE AND ELECTRICAL CONDUIT, CABLE AND EQUIPMENT, LIGHT FIXTURES, PARTITIONS AND OTHER ITEMS WHERE INDICATED AND AS REQUIRED TO ACCOMPLISH THE FINAL WORK.
8. TAKE CARE TO PROTECT CONCRETE ELEMENTS, EXISTING ROOF, ROOFING, FLASHINGS, BRICK MASONRY, WINDOWS, DOORS, AND OTHER EXTERIOR ELEMENTS INTENDED TO REMAIN WHEN REMOVING FASTENERS AND ANCHORS. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING SUCH AREAS.
9. WHERE EXISTING WORK IS TO BE CUT BACK FOR NEW WORK, CONTRACTOR IS TO ENSURE THAT CUTS ARE STRAIGHT AND TRUE. WHERE CUTS DO NOT CONFORM TO THE NEW WORK, PATCH THE EXISTING WORK TO A LEVEL DETERMINED TO BE ACCEPTABLE FOLLOWING CONSULTATION WITH THE ARCHITECT IN THE FIELD.
10. PROVIDE FIELD ENGINEERING AND TEMPORARY SUPPORT FOR (E) CONSTRUCTION TO REMAIN AS NECESSARY.
11. PROTECT ALL ITEMS AND FINISHES TO REMAIN. CONTRACTOR TO COORDINATE WITH FINAL FINISH REQUIREMENTS FOR ITEMS AND FINISHES TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ITEMS DAMAGE DURING THE COURSE OF THE WORK.
12. REFER TO SELECTIVE DEMO CEILING PLANS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
13. EXISTING FIRE EXTINGUISHER CABINETS SHALL BE REMOVED FROM WALLS AND KEPT ON SITE, PROTECT.

ARCHITECTURAL
1. CONTRACTOR SHALL WALK THE SITE WITH THE OWNER'S REPRESENTATIVE TO IDENTIFY ANY ITEMS WHICH SHOULD BE SET ASIDE AND PROTECTED FOR OWNER SALVAGE AFTER REMOVAL. THE OWNER WILL TRANSPORT SUCH ITEMS FROM THE SITE.
2. WHERE DOOR FRAMES ARE DEMOLISHED, DOOR STOP TO ALSO BE DEMOLISHED.

STRUCTURAL
1. PROTECT ALL STRUCTURAL COMPONENTS TO REMAIN AND IMMEDIATELY NOTIFY ARCHITECT IF ANY DAMAGE OCCURS.
2. CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OF ALL DAMAGE TO THE STRUCTURE.

MECHANICAL
1. SAFELY TERMINATE ALL POWER AND PLUMBING LINES. REFER TO ALL APPLICABLE CODES.
2. COORDINATE WORK WITH THE OWNER'S UTILITIES SERVICE PROVIDERS.
3. REFER TO MECHANICAL DEMOLITION DRAWINGS FOR ADDITIONAL SCOPE AND REQUIREMENTS.

PLUMBING
1. COORDINATE WORK WITH THE OWNER'S UTILITIES SERVICE PROVIDERS.
2. DEMOLISH ALL PLUMBING PIPING AND FIXTURES WHERE INDICATED IN PLANS AND IN WALLS TO BE DEMOLISHED. CAP ALL PIPING FLUSH WITH FLOOR.
3. FLUSH ALL REFRIGERANT AT EXISTING TO REMAIN MECHANICAL EQUIPMENT.

ELECTRICAL
1. ELECTRICAL INSTALLATIONS ARE SHOWN DIAGRAMMATICALLY AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE PRIOR TO BID AND DETERMINE THE FULL SCOPE OF ELECTRICAL DEMOLITION.
2. COORDINATE ELECTRICAL AND TELECOM WORK WITH THE OWNER'S SERVICE PROVIDER.
3. MAKE ALL ELECTRICAL TERMINATIONS SAFELY AND PER CODE. REMOVE AND DISPOSE OF ALL ABANDONED MATERIAL.
4. VERIFY ALL SHEAR WALLS THAT REMAIN WITH DEMOLITION ON ARCHITECT DRAWINGS. DISCONNECT AND REMOVE ALL POWER AND DATA OUTLETS, MC CABLING, SMURF TUBING, WIRING AND CABLING OUT OF THE SHEAR WALLS.
5. REMOVE ALL ELECTRICAL POWER EQUIPMENT, MECHANICAL EQUIPMENT CONNECTIONS AND DEVICES THROUGHOUT EXISTING BUILDING, UNLESS NOTED OTHERWISE. REMOVE EXISTING ELECTRICAL DEVICES, LIGHT FIXTURES, LIGHTING CONTROLS, RECEPTACLES, CONDUIT, WIRING, CABLING BACK TO SOURCE. EXISTING CODE EXIT SIGN AND EGRESS LIGHTING TO REMAIN.
6. AT EXTERIOR WALLS, REMOVE ALL LOW VOLTAGE WIRING TO SOURCE.(E) POWER AT EXTERIOR WALLS TO REMAIN.
7. EXISTING ACCESS CONTROL AND SECURITY ALARM SYSTEM TO REMAIN IN PLACE THROUGHOUT, UNLESS OTHERWISE NOTED.
8. REMOVE ALL EXISTING FIRE ALARM SYSTEM, COORDINATE ALL WORK WITH THE PUYALLUP FIRE DEPARTMENT AND UL LISTED FIRE ALARM COMPANY SERVICING BY GUARDIAN SECURITY THE EXISTING BUILDING. COIL EXCESS WIRING AND FIXTURE AT CEILING.

Selective Demo Plan Legend

- EXISTING WALL AND ITEMS TO REMAIN, TYP
- EXISTING SHEARWALL TO REMAIN, TYP
- EXISTING WALLS AND ITEMS TO BE DEMOLISHED, TYP
- CUT OPENING IN WALL, TYPICAL FRAMED WALL UNLESS INDICATED OTHERWISE, TYP
- DOOR AND FRAME TO BE DEMOLISHED, TYP
- EXISTING WOOD FRAMED FLOOR STRUCTURE TO BE DEMOLISHED, TYP
- EXISTING CONCRETE SLAB TO BE DEMOLISHED, TYP

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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PHASE
PERMIT SET

DATE
10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE
DEMO FLOOR PLAN LEVEL 2 - COMPLETE DEMO

SHEET NO.
D1.23

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PRCTI20221698

Selective Demolition Roof Plan General Notes

GENERAL NOTES
1. CONTRACTOR TO REVIEW THE ENTIRE PROJECT DOCUMENTS AND PERFORM SELECTIVE DEMOLITION AS REQUIRED TO ACCOMPLISH THE NEW AND RENOVATION WORK OF THIS CONTRACT.
2. PROTECT AND REPAIR AS REQUIRED ALL ITEMS AND FINISHES INDICATED TO REMAIN.
3. WHERE ITEMS ARE INDICATED TO BE REMOVED AND PROTECTED FOR REINSTALLATION, CONTRACTOR SHALL REVIEW THE REQUIREMENTS FOR REINSTALLATION AND VERIFY THAT THE ITEMS ARE CAREFULLY REMOVED AND PROTECTED AND SHALL REPAIR, REFINISH OR REPLACE MATERIALS DAMAGED DURING REMOVAL AND STORAGE AS REQUIRED TO ACHIEVE A CONSISTENT AND UNIFORM APPEARANCE WHEN REINSTALLED.
4. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND NOTIFY ARCHITECT AND ENVELOPE CONSULTANT OF DISCREPANCIES THAT MAY AFFECT THE FUNCTION OR FINISHED STRUCTURAL CAPACITIES AND FINISHED APPEARANCE OF THE WORK BEFORE PROCEEDING WITH DEMOLITION.
5. REFER TO SPECIFICATIONS AND OWNERS REPORT FOR IDENTIFICATION AND MITIGATION OF ASBESTOS OR OTHER HAZARDOUS MATERIALS. IDENTIFICATION AND MITIGATION WORK SHALL CONFORM TO ALL APPLICABLE STATE AND FEDERAL STANDARDS.

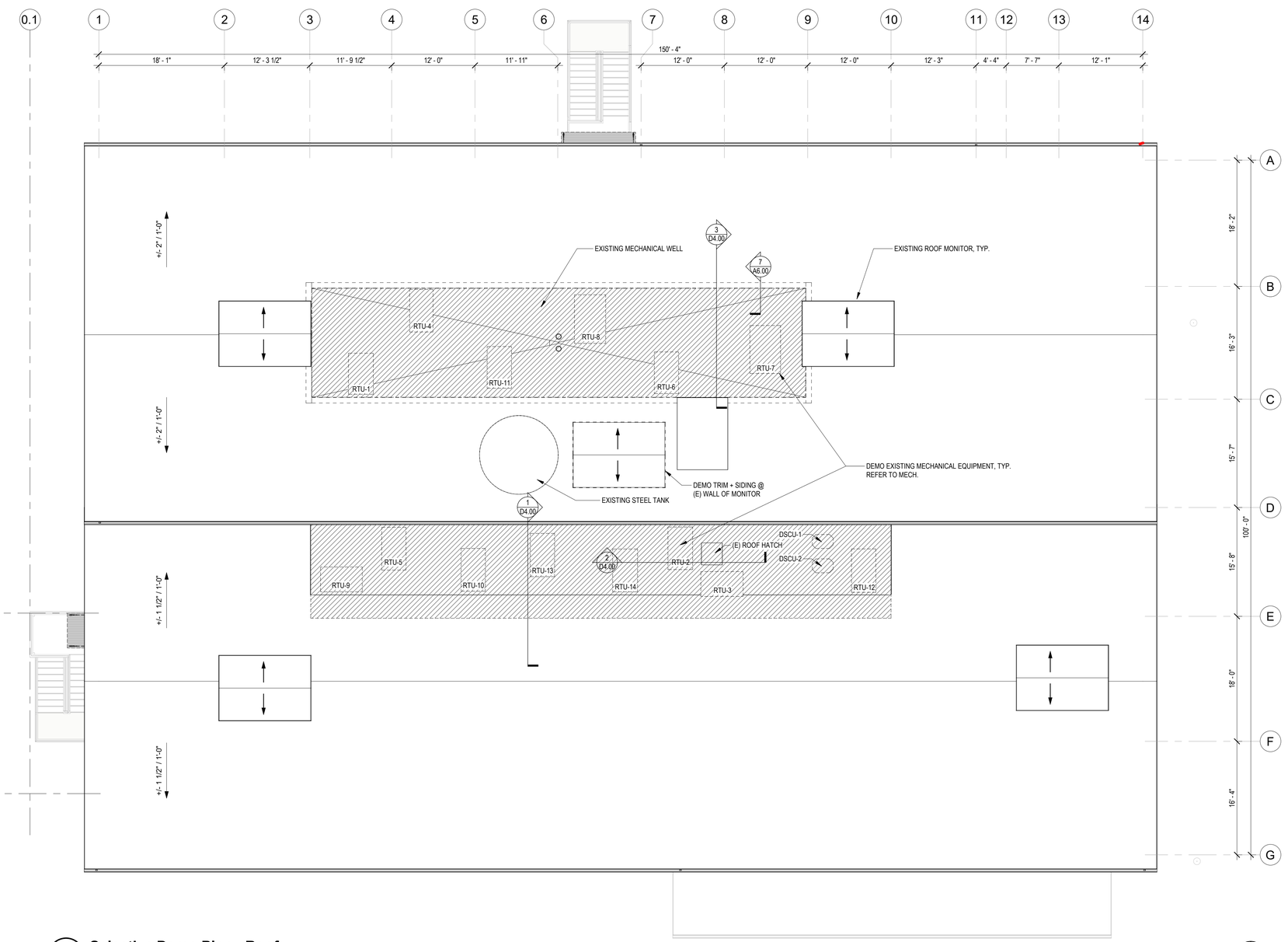
ARCHITECTURAL
1. PROTECT EXISTING ROOF, ROOFING, FLASHINGS, BRICK MASONRY, WINDOWS, DOORS, AND OTHER EXTERIOR ELEMENTS DURING CONSTRUCTION. CONTRACTOR TO USE CARE WHEN WORKING IN VICINITY OF EXISTING ROOF AREAS AND PROTECT THE ROOF WHILE PERFORMING WORK. CONTRACTOR TO CONTACT MANUFACTURER AND MAINTAIN EXISTING WARRANTIES, TYP.
2. MAINTAIN BUILDING IN WEATHERTIGHT CONDITION DURING WORK.
3. DEMOLISH AND REMOVE LIMITED PORTIONS OF ROOFING ASSEMBLY DOWN TO ROOF DECK OR CONCRETE SUBSTRATE, INCLUDING BUT NOT LIMITED TO ALL ROOFING, INSULATION, FLASHING, COPING, ASPHALT MATERIALS, COVERBOARDS, AND FASTENERS.
4. CONTRACTOR TO WATER TEST ALL ROOF DRAINS AND RAIN LEADERS TO POINT OF CONNECTION WITH AHJ APPROVED OUTLET TO ASSURE FUNCTIONALITY PRIOR TO COMMENCEMENT OF ROOF DEMO AND INFORM ARCHITECT, OWNER'S PROJECT MANAGER, AND ENVELOPE CONSULTANT OR CONSULTANT'S ROOF MONITOR OF ANY NON-FUNCTIONING CONDITIONS.
5. MECHANICALLY CLEAN ALL ROOF DRAINS, OVERFLOWS, GUTTERS, DOWNSPOUTS, AND RAIN LEADER PIPES IN AREAS OF WORK AND REPORT ANY BLOCKAGE THAT WILL AFFECT POSITIVE WATER DRAINAGE. CLEAN ALL ROOF DRAINS, GUTTERS, DOWNSPOUTS, AND LINES FROM ROOF DRAIN TO CITY STORM SYSTEM.
6. PROTECT EXISTING ROOF DRAINS, OVERFLOWS, GUTTERS, DOWNSPOUTS, AND RAIN LEADER PIPES DURING DURATION OF WORK. CONTRACTOR TO ENSURE ROOF DRAINS, GUTTERS, AND DOWNSPOUTS ARE FUNCTIONAL AND IS RESPONSIBLE FOR CLEARING ROOF DRAINS, GUTTERS, DOWNSPOUTS, AND DRAIN LINES AT ALL TIMES DURING THE WORK.
7. REFER TO REFLECTED CEILING PLANS FOR INTERIOR DEMO, TYP.

STRUCTURAL
1. COORDINATE WITH STRUCTURAL DRAWINGS FOR EXTENT OF ADDITIONAL DEMOLITION SPECIFIC TO THE WORK.

MECHANICAL
1. COORDINATE WITH MECHANICAL DRAWINGS FOR EXTENT OF ADDITIONAL DEMOLITION SPECIFIC TO THE WORK.

ELECTRICAL
1. COORDINATE WITH ELECTRICAL DRAWINGS FOR EXTENT OF ADDITIONAL DEMOLITION SPECIFIC TO THE WORK.

HAZARDOUS MATERIALS
1. COORDINATE WITH HAZARDOUS MATERIALS DRAWINGS FOR EXTENT OF ADDITIONAL DEMOLITION SPECIFIC TO THE WORK.



1 **Selective Demo Plan - Roof**
1/8" = 1'-0"

Selective Demo Roof Plan Legend

EXISTING ROOF TO REMAIN

EXISTING ROOF TO BE DEMOLISHED, REF FLOOR PLANS

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE A. HAYASHI STATE OF WASHINGTON

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PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

SELECTIVE DEMOLITION ROOF PLAN

SHEET NO.

D1.30

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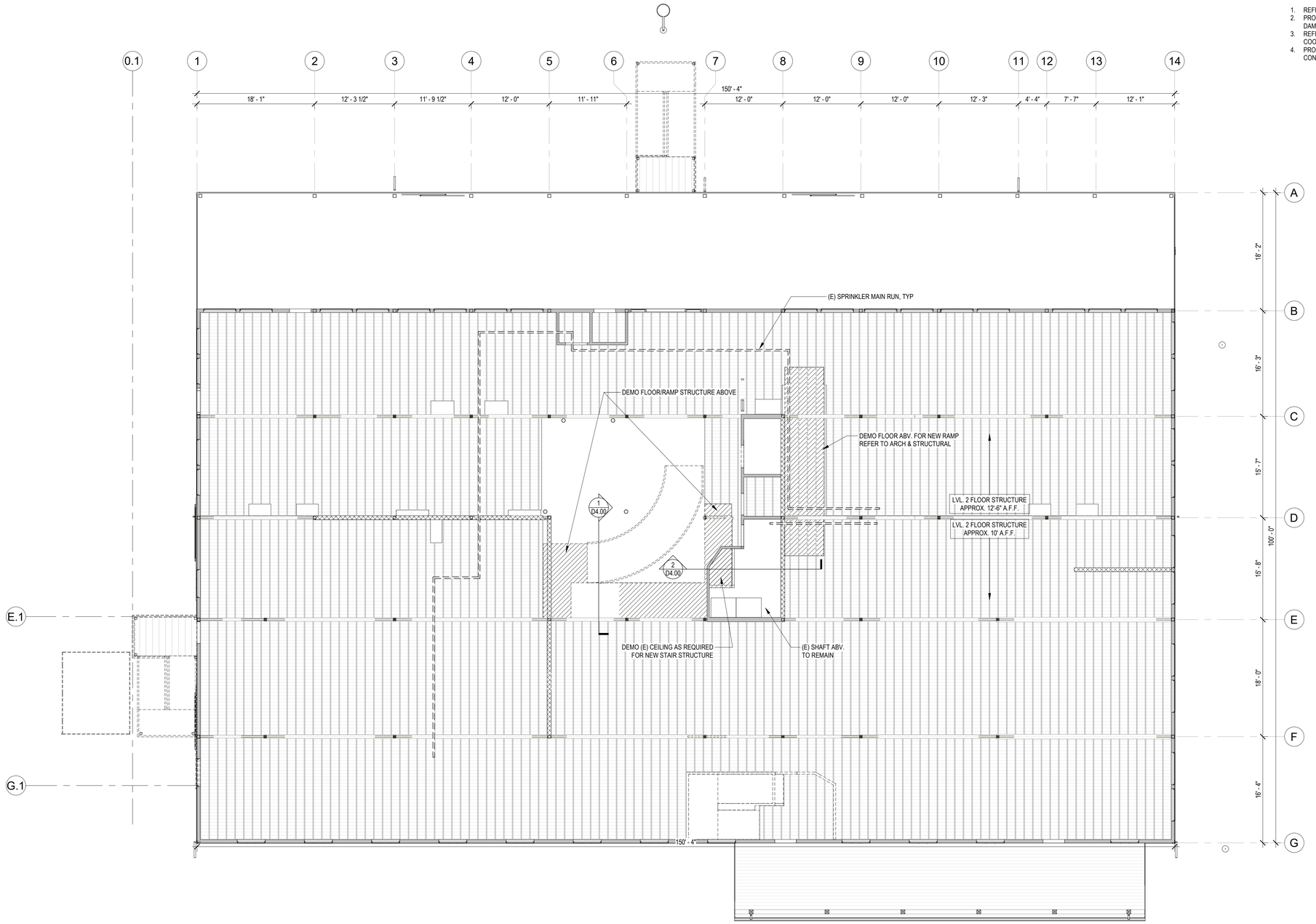
2213

PRCTI20221698



Selective Demo RCP Legend

- EXISTING WALL AND ITEMS TO REMAIN, TYP
- EXISTING SHEARWALL TO REMAIN, TYP
- EXISTING WALLS AND ITEMS TO BE DEMOLISHED, TYP
- EXISTING CEILING OR FLOOR STRUCTURE ABOVE TO BE DEMOLISHED
- EXISTING GWB CEILING TO REMAIN

1 **Demo RCP Level 1 - Complete Demo**
1/8" = 1'-0"

Selective Demolition RCP General Notes

1. REFER TO SELECTIVE DEMOLITION PLAN GENERAL NOTES ON D1.20.
2. PROTECT EXISTING WORK NOT INDICATED FOR DEMOLITION FROM DAMAGE DURING CONSTRUCTION.
3. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS AND COORDINATE THE WORK.
4. PROTECT EXISTING STRUCTURE TO REMAIN DURING CONSTRUCTION.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

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PHASE

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DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

DEMO RCP LEVEL 1 - COMPLETE DEMO

SHEET NO.

D1.42

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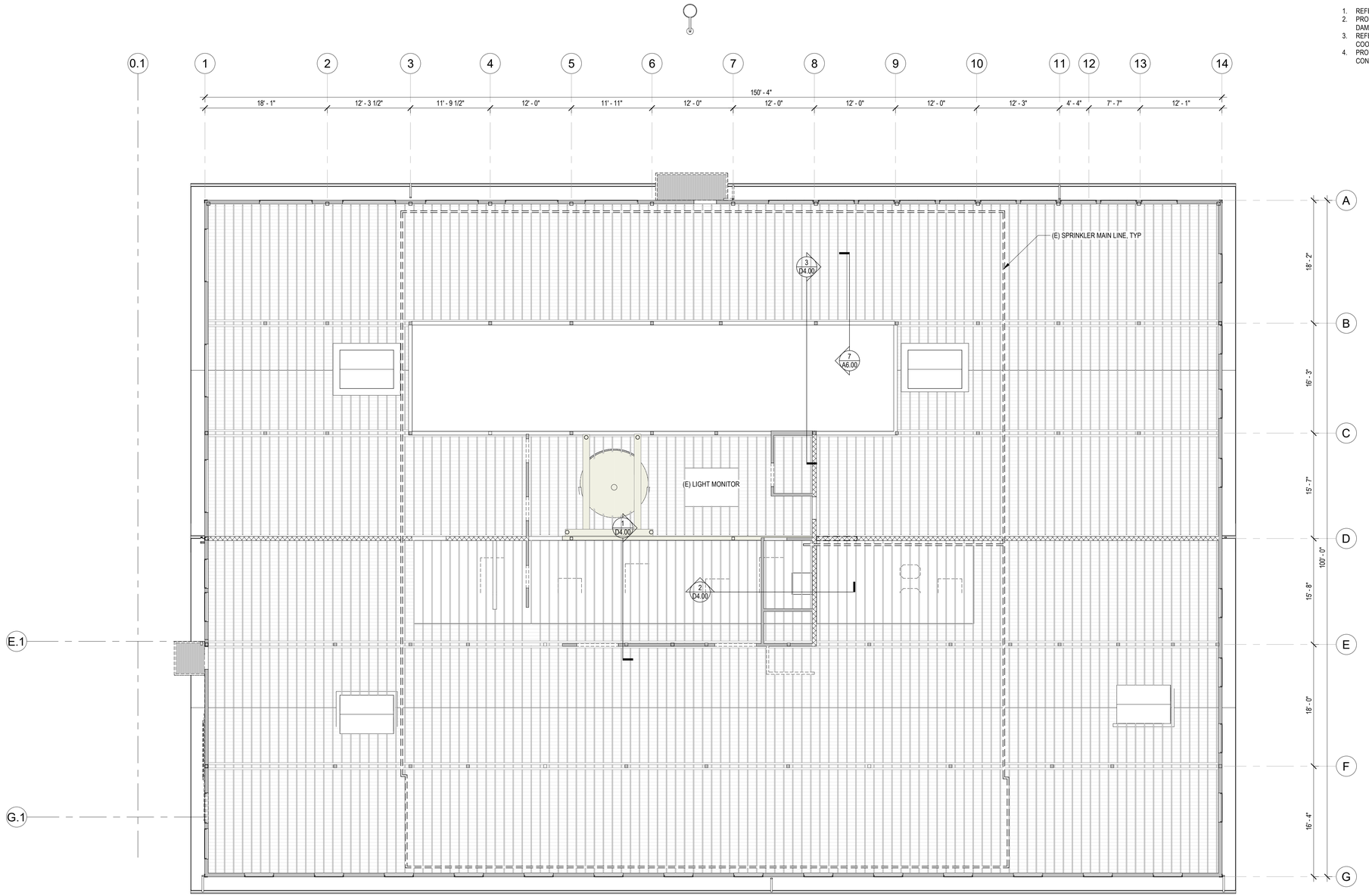
PRCTI20221698



Selective Demolition RCP General Notes

1. REFER TO SELECTIVE DEMOLITION PLAN GENERAL NOTES ON D1.20.
2. PROTECT EXISTING WORK NOT INDICATED FOR DEMOLITION FROM DAMAGE DURING CONSTRUCTION.
3. REFER TO PLUMBING, MECHANICAL, AND ELECTRICAL SHEETS AND COORDINATE THE WORK.
4. PROTECT EXISTING STRUCTURE TO REMAIN DURING CONSTRUCTION.

Selective Demo RCP Legend

- EXISTING WALL AND ITEMS TO REMAIN, TYP
- EXISTING SHEARWALL TO REMAIN, TYP
- EXISTING WALLS AND ITEMS TO BE DEMOLISHED, TYP
- EXISTING CEILING OR FLOOR STRUCTURE ABOVE TO BE DEMOLISHED
- EXISTING GWB CEILING TO REMAIN

1 **Demo RCP Level 2 - Complete Demo**
1/8" = 1'-0"

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SHEET TITLE

DEMO RCP LEVEL 2 - COMPLETE DEMO

SHEET NO.

D1.43

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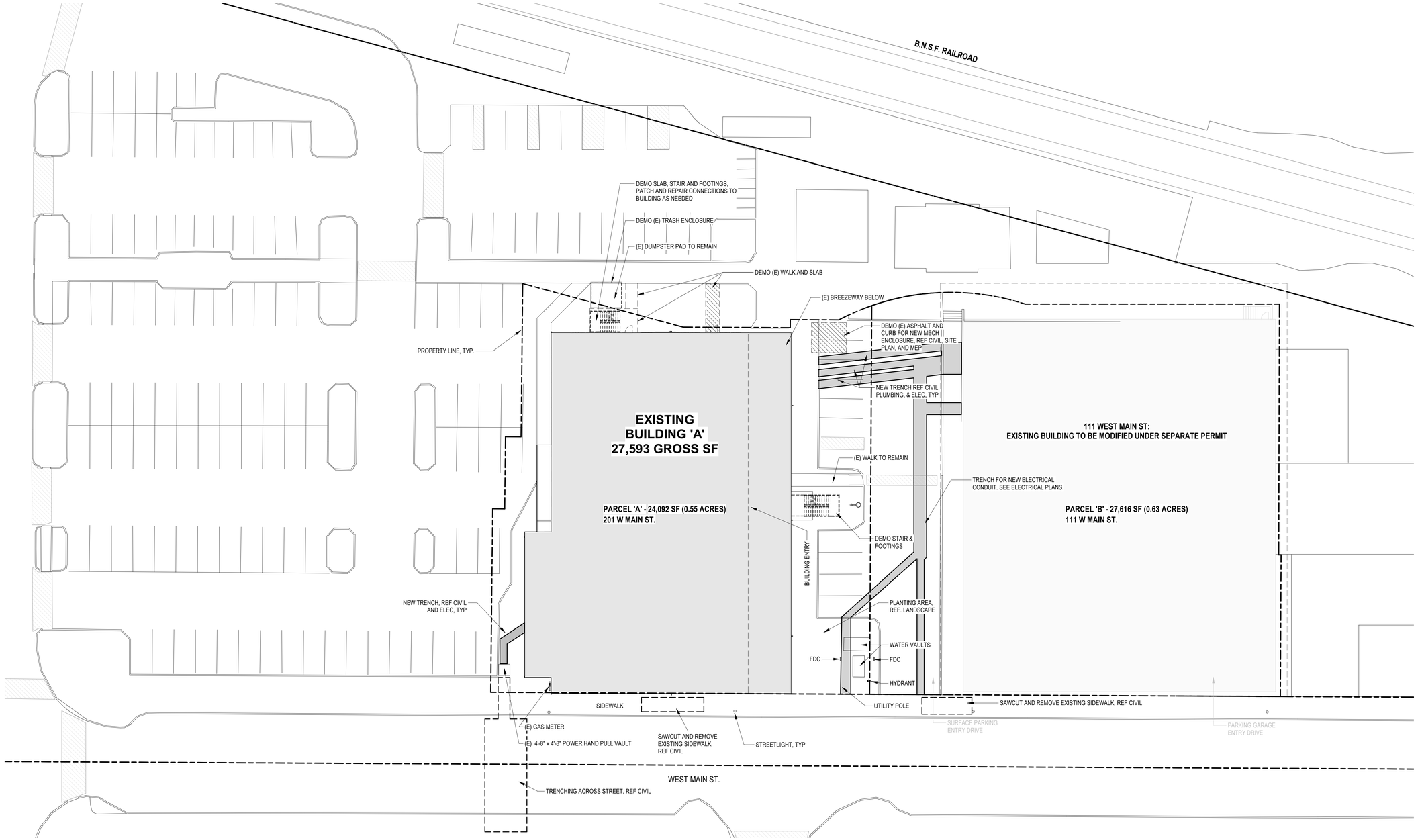

1 **Site Plan Demo**
1" = 20'-0"

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SHEET TITLE
DEMO SITE PLAN

SHEET NO.
A1.00

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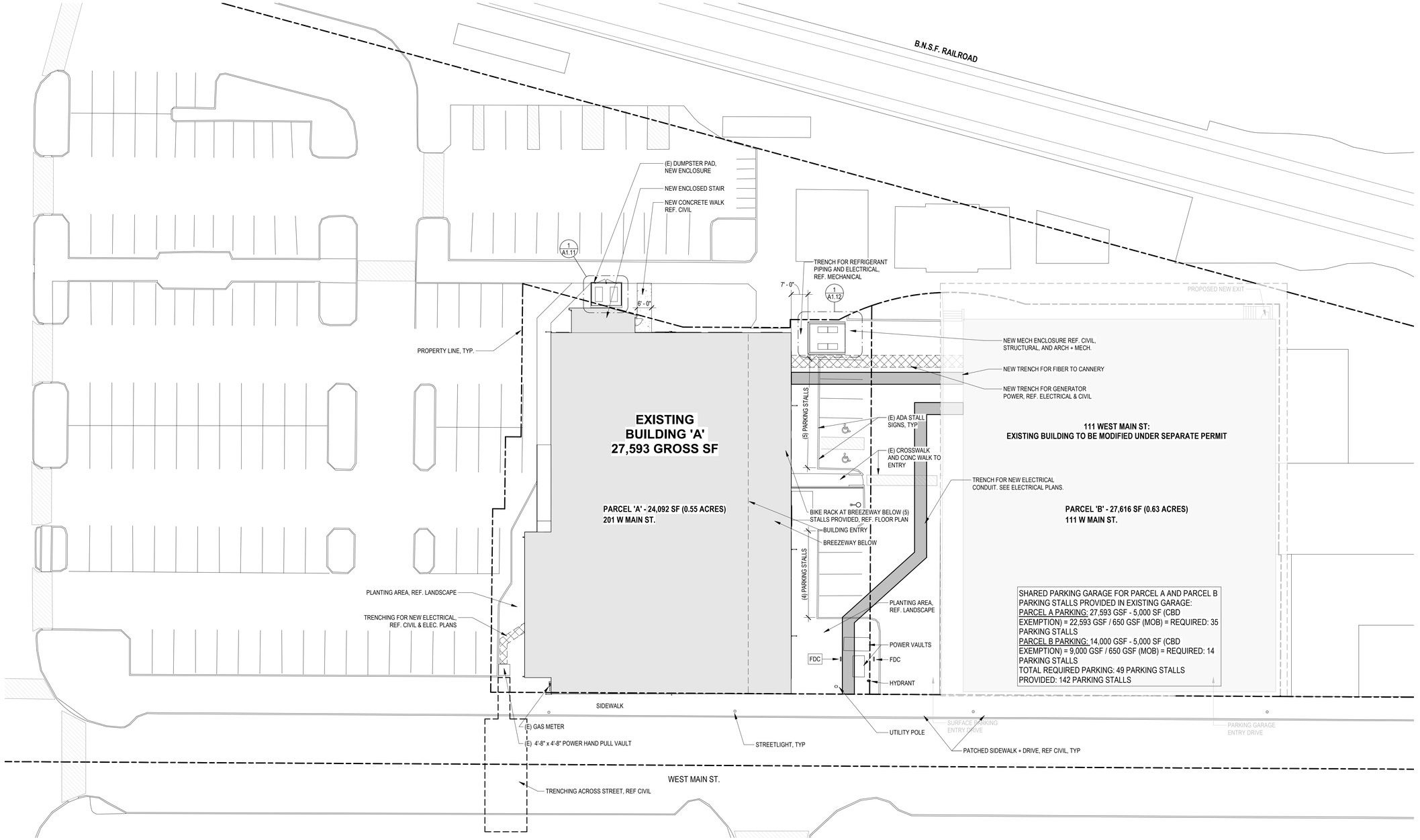

1 Site Plan

1" = 20'-0"

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No.	Description	Date

SHEET TITLE

SITE PLAN

SHEET NO.

A1.10

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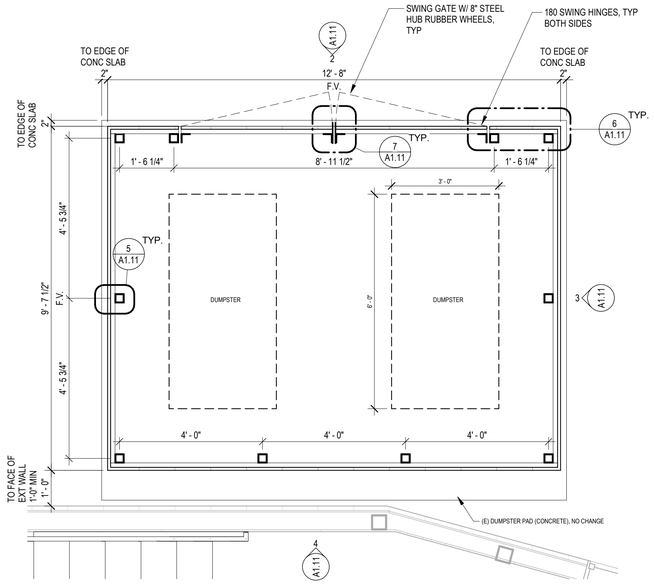
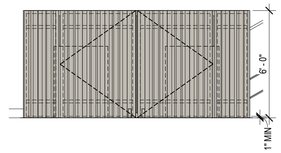


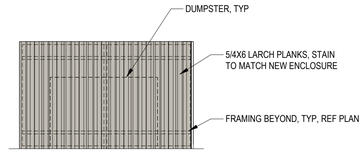
1 Waste Enclosure Enlarged Plan

1/2" = 1'-0"



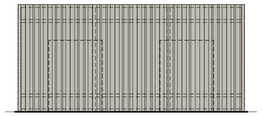
2 Waste Enclosure Elevation - North

1/4" = 1'-0"



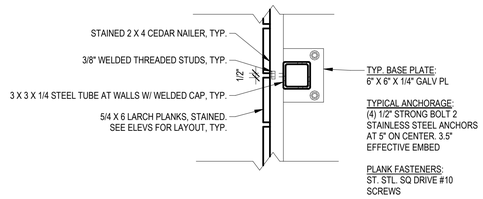
3 Waste Enclosure Elevation - East/West

1/4" = 1'-0"



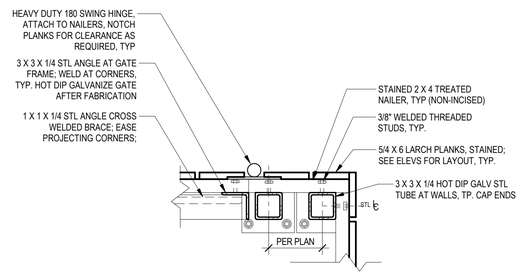
4 Waste Enclosure Elevation - South

1/4" = 1'-0"



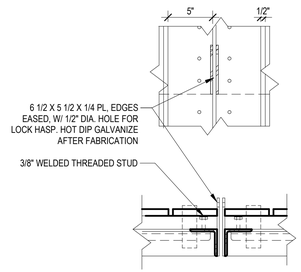
5 Waste Enclosure Intermediate Post

1 1/2" = 1'-0"



6 Wall Bin Enclosure Corner / Gate

1 1/2" = 1'-0"



7 Waste Enclosure Door Strike

1 1/2" = 1'-0"

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SHEET TITLE

WASTE ENCLOSURE

SHEET NO.

A1.11

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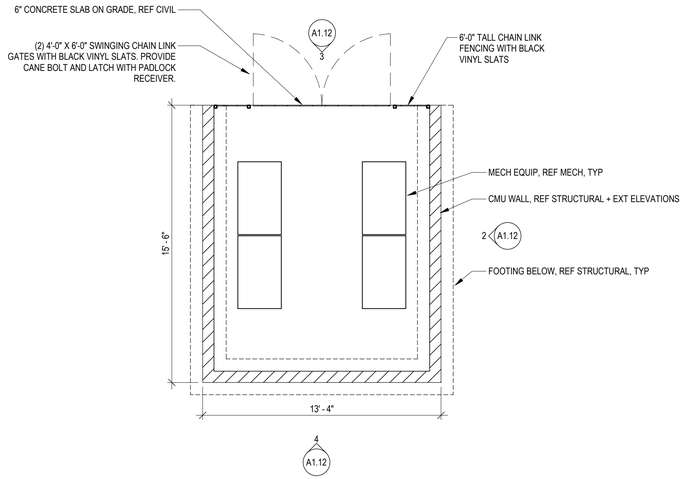
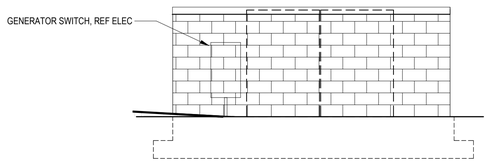


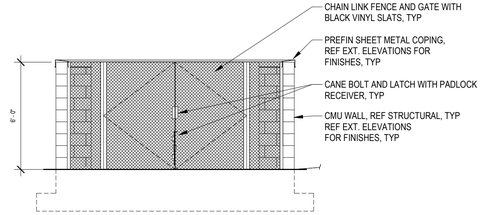
1 Mechanical Enclosure Enlarged Plan

1/4" = 1'-0"



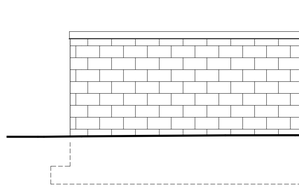
2 Mechanical Enclosure Elevation - South (North Sim)

1/4" = 1'-0"



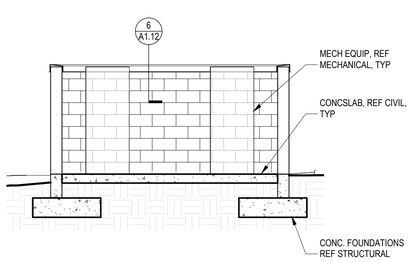
3 Mechanical Enclosure Elevation - East

1/4" = 1'-0"



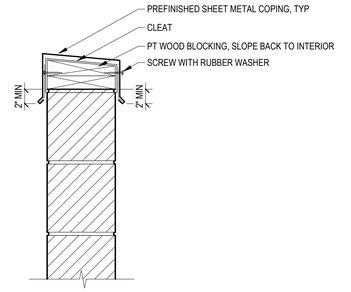
4 Mechanical Enclosure Elevation - West

1/4" = 1'-0"



5 Mechanical Enclosure Section

1/4" = 1'-0"



6 Parapet Cap at Mechanical Enclosure

1 1/2" = 1'-0"

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SHEET TITLE

MECHANICAL ENCLOSURE

SHEET NO.

A1.12

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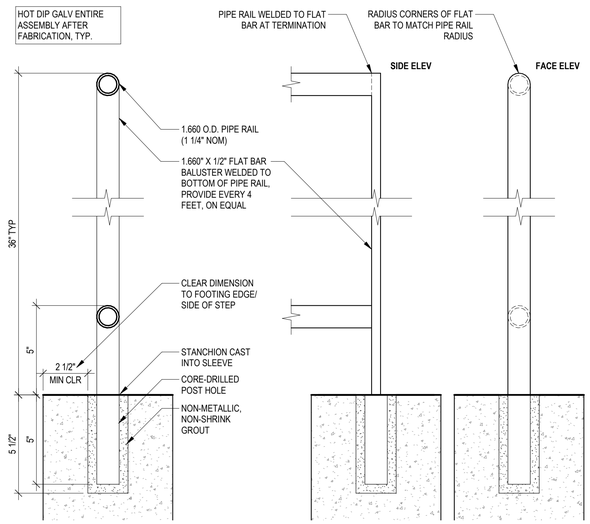
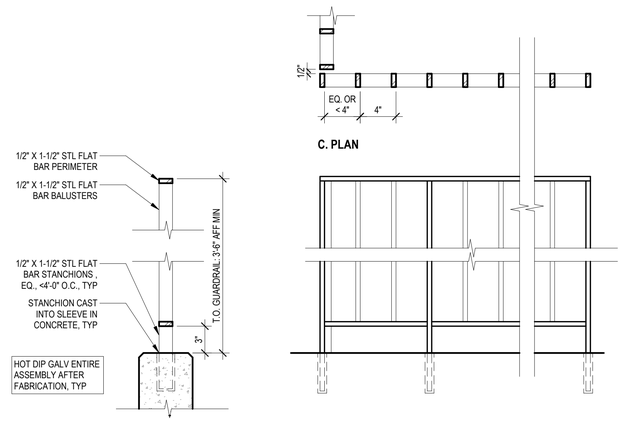


Intermediate Stanchions

Termination Stanchion

1 Site Handrail Assembly, Typ UNO

3" = 1'-0"

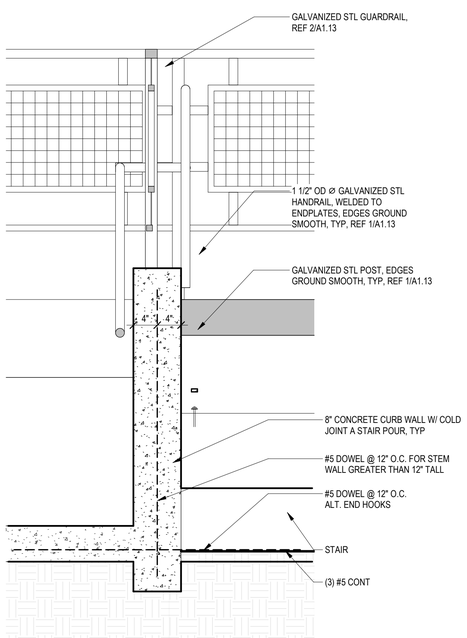


A. SECTION

B. ELEVATION

2 Site Guardrail Assembly, Typ UNO

1 1/2" = 1'-0"



3 Entry Stair + Ramp - Typical Handrail & Guardrail Details

1" = 1'-0"

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SHEET TITLE

SITE DETAILS

SHEET NO.

A1.14

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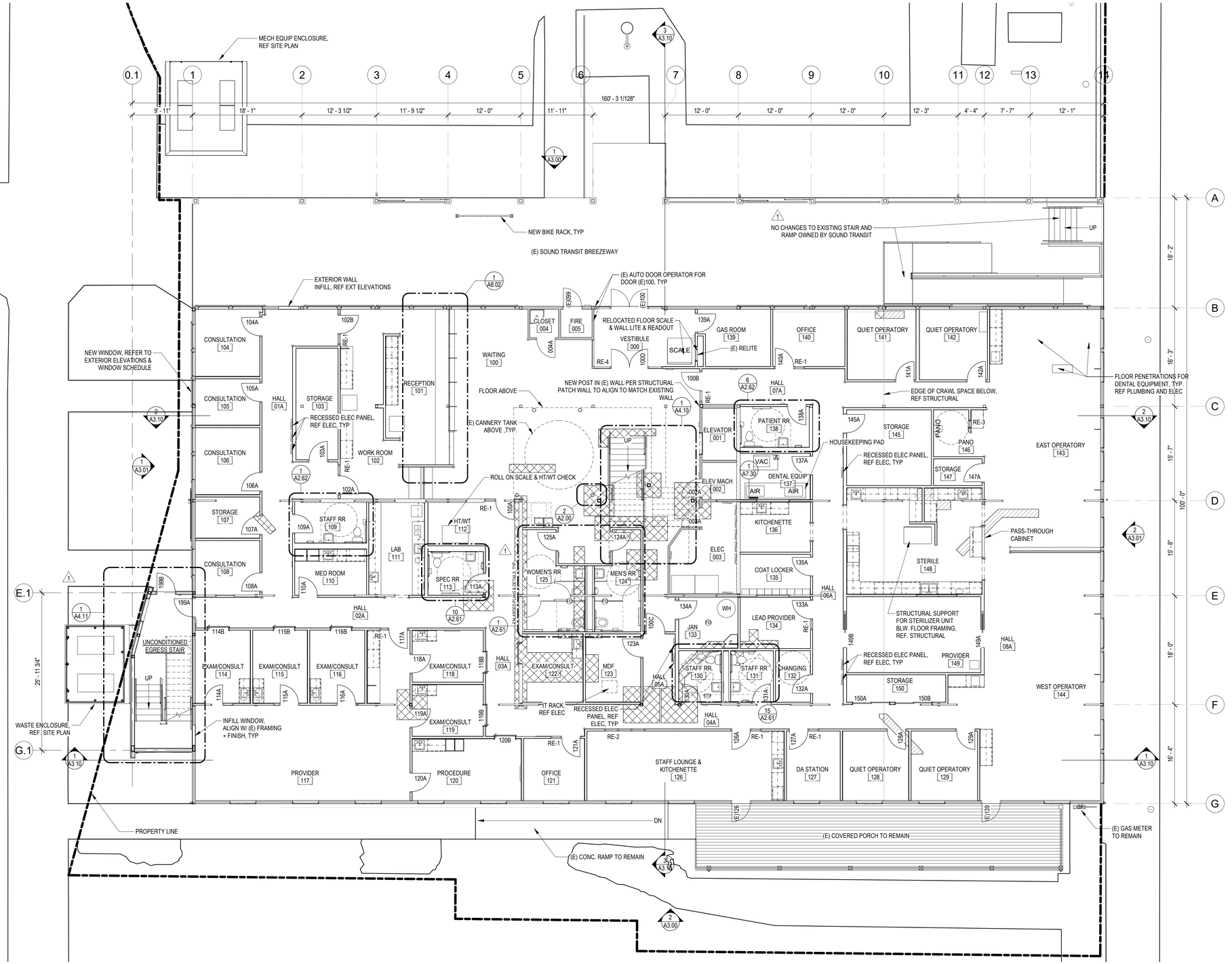
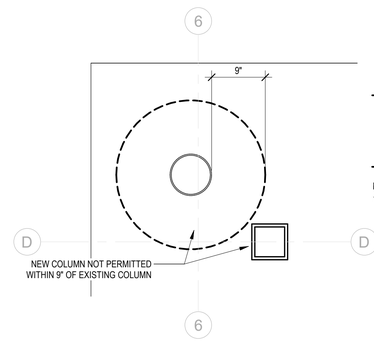


Floor Plan - Level 1

1/8" = 1'-0"



Enlarged Column Plan

1" = 1'-0"

Floor Plan General Notes

1. REFER TO GENERAL NOTES ON SHEET AA1.00.
2. REFER TO FINISH SCHEDULE ON SHEET A2.70.
3. REFER TO ENLARGED RESTROOM PLANS A2.61, A2.62, A2.63.
4. REFER TO DIMENSION & PARTITION TYPES PLAN FOR DIMENSIONS AND PARTITION TYPES. REF A201A = A201B.
5. ALL DIMENSIONS TO NEW PARTITIONS ARE TO FACE OF FRAMING UNO.
6. DIMENSIONS TO EXISTING WALLS ARE EITHER TO FINISHED FACE OR TO GRID LINE.
7. INFILL WITHIN EXISTING CONSTRUCTION AND NEW PARTITIONS IMMEDIATELY ADJACENT TO EXISTING CONSTRUCTION SHALL MATCH EXISTING CONSTRUCTION. PATCHES, INFILL, AND NEW PARTITIONS IMMEDIATELY ADJACENT TO OR WITHIN EXISTING PARTITIONS SHALL BE FINISHED TO BLEND SEAMLESSLY WITH EXISTING MATERIALS AND FINISH AND SHALL ALIGN WITH EXISTING FINISHES.
8. REPETITIVE FEATURES DRAWN OR NOTED ONLY ONCE SHALL BE COMPLETELY PROVIDED AS IF DRAWN OR NOTED IN FULL.
9. ALL INTERIOR WALLS BE CLEANED, SPOT PRIMED AS REQUIRED, AND TO RECEIVE NEW PAINT.
10. DOOR OPENINGS LOCATED 4" FROM ADJACENT PARTITION UNO.
11. REFER TO MECHANICAL AND ELECTRICAL AND COORDINATE THE WORK. COORDINATE EXTENTS OF CUTTING AND PATCHING AS REQUIRED FOR ALL MECHANICAL AND ELECTRICAL WORK. PATCH AND REPAIR ALL AREAS OF CUTTING AND PATCHING TO MATCH ADJACENT FINISHES.

Floor Plan Legend

- EXISTING PARTITION TO REMAIN, TYP
- REFER FLAG NOTE WHERE THIS DASHED LINE OCCURS
- INFILL AT EXISTING PARTITION, TYP
- FRAMED WALL PARTITION, TYP
- SHEARWALL TO REMAIN, TYP
- PROVIDE SLAB ON GRADE INFILL, REF STRUCT AND MECH/ELEC, TYP. PREP SUBSTRATE TO RECEIVE SCHED FINISH, REF FINISH PLAN, TYP
- PROVIDE INFILL FOR WOOD-FRAMED FLOOR STRUCTURE, REF STRUCT, TYP

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SHEET TITLE

FLOOR PLAN LEVEL 1

SHEET NO.

A2.00

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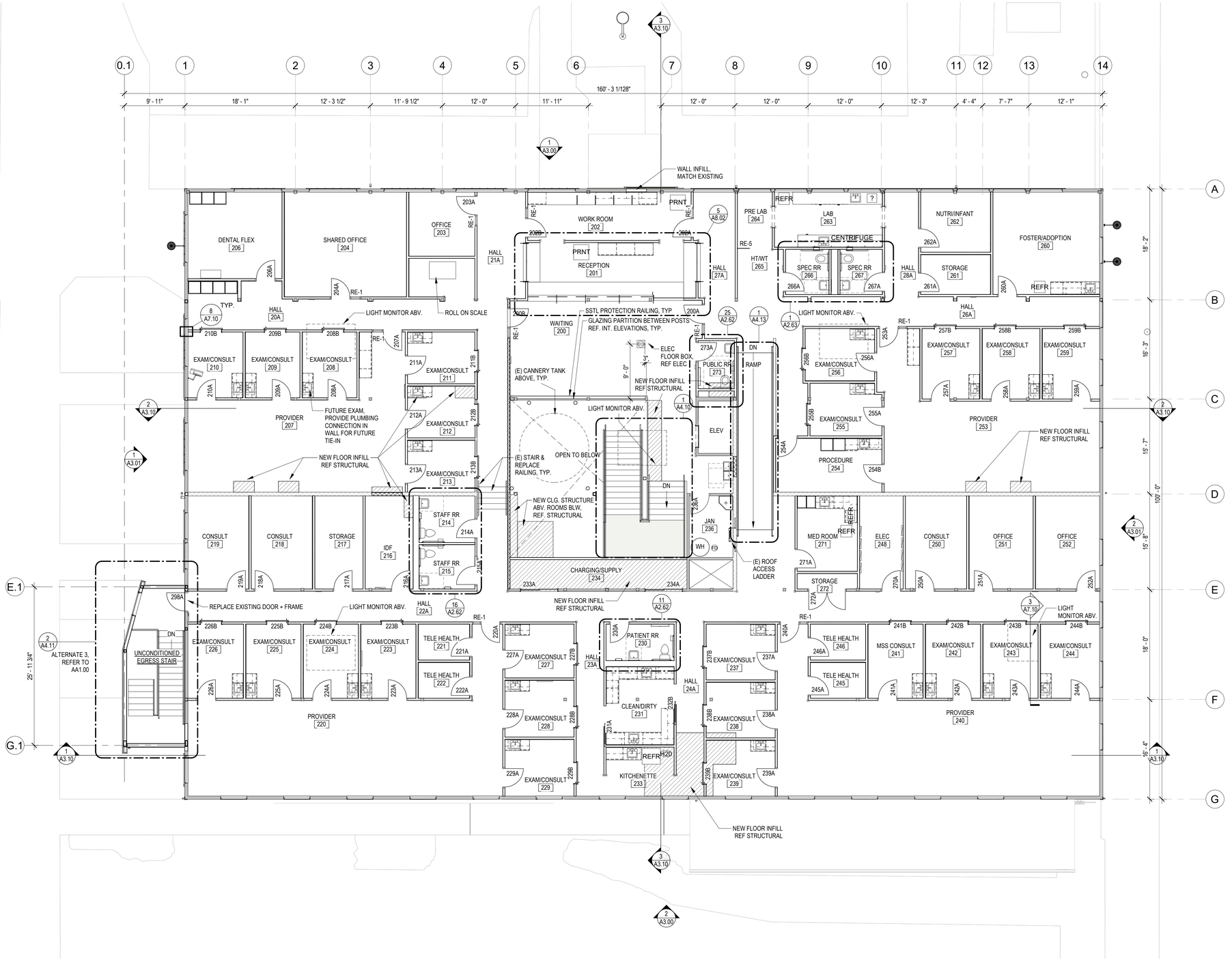

Floor Plan General Notes

1. REFER TO GENERAL NOTES ON SHEET AA1.00.
2. REFER TO FINISH SCHEDULE ON SHEET A2.70.
3. REFER TO ENLARGED RESTROOM PLANS A2.61, A2.62, A2.63.
4. REFER TO DIMENSION & PARTITION TYPES PLAN FOR DIMENSIONS AND PARTITION TYPES. REF A201A = A201B.
5. ALL DIMENSIONS TO NEW PARTITIONS ARE TO FACE OF FRAMING UNO.
6. DIMENSIONS TO EXISTING WALLS ARE EITHER TO FINISHED FACE OR TO GRID LINE.
7. INFILL WITHIN EXISTING CONSTRUCTION AND NEW PARTITIONS IMMEDIATELY ADJACENT TO EXISTING CONSTRUCTION SHALL MATCH EXISTING CONSTRUCTION. PATCHES, INFILL, AND NEW PARTITIONS IMMEDIATELY ADJACENT TO OR WITHIN EXISTING PARTITIONS SHALL BE FINISHED TO BLEND SEAMLESSLY WITH EXISTING MATERIALS AND FINISH AND SHALL ALIGN WITH EXISTING FINISHES.
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Floor Plan Legend

- EXISTING PARTITION TO REMAIN, TYP
- REFER FLAG NOTE WHERE THIS DASHED LINE OCCURS
- INFILL AT EXISTING PARTITION, TYP
- FRAMED WALL PARTITION, TYP
- SHEARWALL TO REMAIN, TYP
- PROVIDE SLAB ON GRADE INFILL, REF STRUCT AND MECH/ELEC, TYP. PREP SUBSTRATE TO RECEIVE SCHED FINISH, REF FINISH PLAN, TYP
- PROVIDE INFILL FOR WOOD-FRAMED FLOOR STRUCTURE, REF STRUCT, TYP

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SHEET TITLE

FLOOR PLAN LEVEL 2

SHEET NO.

A2.01

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1 Floor Plan - Level 2
1/8" = 1'-0"

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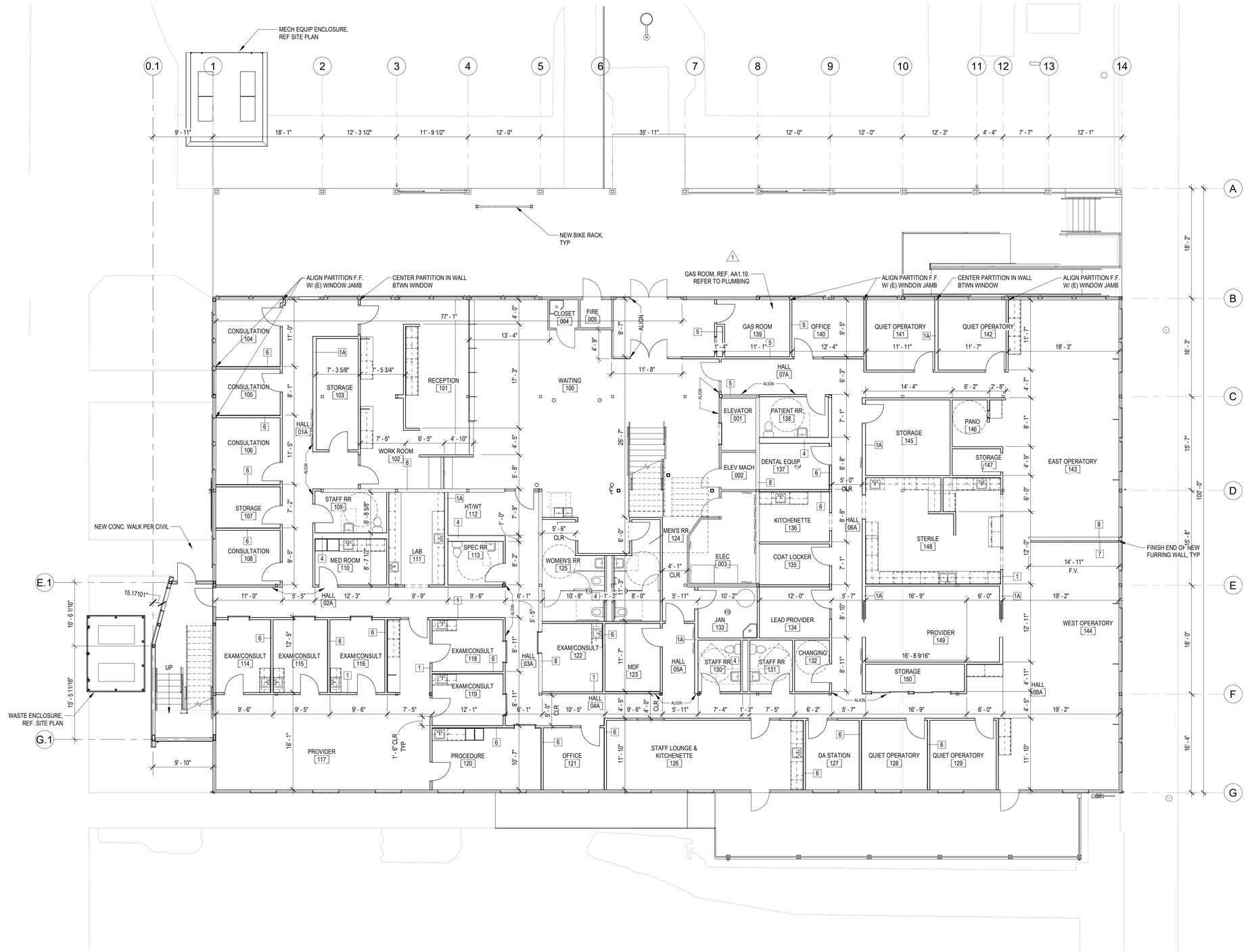

Dimension & Partition Types Plan Legend General Notes

1. REFER TO FLOOR PLAN GENERAL NOTES AND LEGEND, TYP.
2. REFER TO WALL SECTIONS FOR SLAB EDGE DIMENSIONS FROM GRIDLINE.

Dimension & Partition Types Plan Legend

- DIM LAYOUT POINT
- FRAMED WALL PARTITION, TYP
- X — PARTITION TYPE, REF A2.73 TYPICAL 1A UNO.

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1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

DIMENSION & PARTITION TYPES PLAN LEVEL 1

SHEET NO.

A2.01a

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1 Dimension Plan - Level 1
1/8" = 1'-0"

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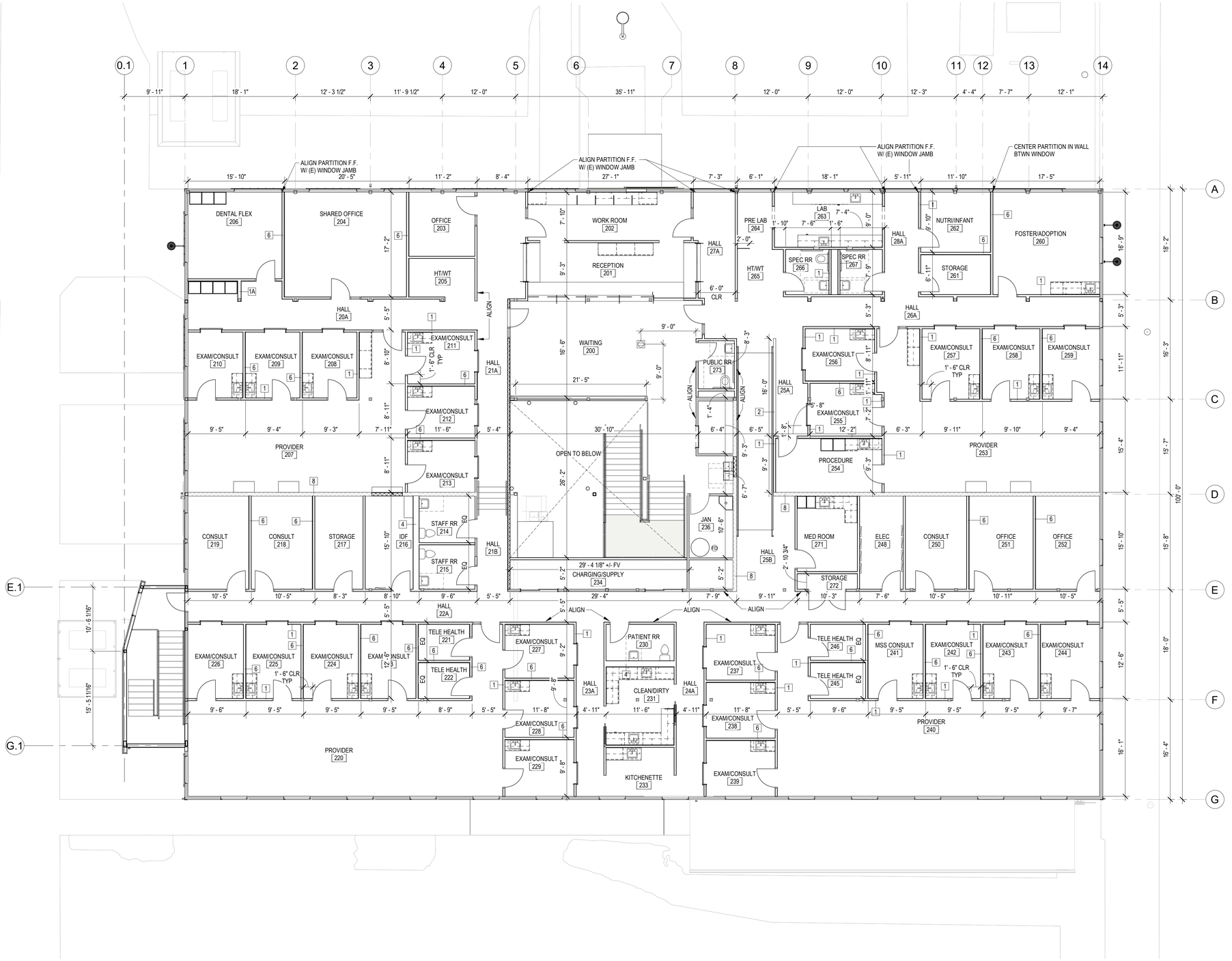

1 **Dimension Plan - Level 2**
1/8" = 1'-0"

Dimension & Partition Types Plan Legend General Notes

1. REFER TO FLOOR PLAN GENERAL NOTES AND LEGEND, TYP.
2. REFER TO WALL SECTIONS FOR SLAB EDGE DIMENSIONS FROM GRIDLINE.

Dimension & Partition Types Plan Legend

- DIM LAYOUT POINT
- FRAMED WALL PARTITION, TYP
- X — PARTITION TYPE, REF A2.73 TYPICAL 1A UNO.

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No.	Description	Date

SHEET TITLE

DIMENSION & PARTITION TYPES PLAN LEVEL 2

SHEET NO.

A2.01b

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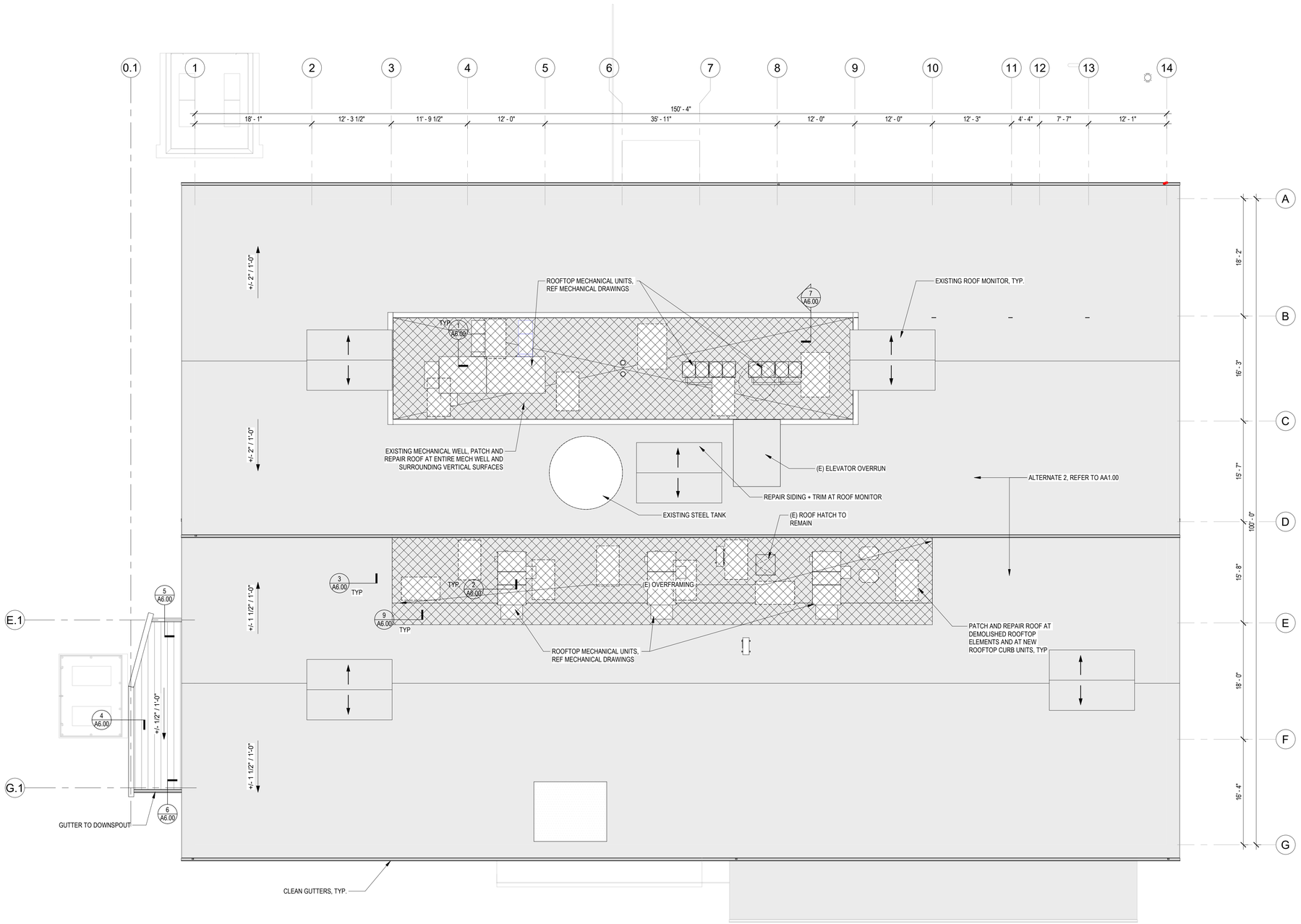

Roof Plan General Notes

1. REFER TO GENERAL NOTES ON AA1.00.
2. REFER TO A4 AND A6 SERIES SHEETS FOR ROOF DECK EDGE DIMENSIONS FROM GRIDLINE.
3. REFER TO A6 SERIES SHEETS FOR ROOF DETAILS.
4. PROTECT EXISTING ROOF TO REMAIN DURING CONSTRUCTION. MAINTAIN EXISTING WARRANTIES.
5. ALL ROOF CONSTRUCTION SHALL PROVIDE POSITIVE SLOPE TO DRAIN IN CONFORMANCE WITH NRCA PUBLISHED RECOMMENDATIONS, MINIMUM OF 1/4" PER FOOT SLOPE, TYPICAL. PROVIDE FIBERGLASS-FACED POLYISOCYANURATE RIGID INSULATION AND TAPERED POLYISOCYANURATE PANELS AT CRICKETS AS INDICATED.
6. REFER TO STRUCTURAL, MECHANICAL, ELECTRICAL AND HAZARDOUS MATERIALS SHEETS AND COORDINATE THE WORK .
7. ALL ROOF PENETRATIONS SHALL BE LOCATED AWAY FROM ROOF VALLEYS AND OTHER APPURTENANCES AS RECOMMENDED BY NRCA IN THEIR 4TH EDITION ROOFING AND WATERPROOFING MANUAL, AND AS NOTED IN NRCA'S CONSTRUCTION DETAILS SECTION OF MANUAL.
8. ALL ROOFS AND PENETRATIONS SHALL BE ROOFED AND FLASHED SO WEATHERPROOF AND WATERTIGHT, OVER MECHANIICALLY-ATTACHED THERMAL BARRIER BOARD, WITH PLIES FULLY ADHERED AND COURSES SEQUENCED IN A WATERSHEDDING MANNER TO DIRECT WATER TO DRAINS, GUTTERS, AND SCUPPERS AND PREVENT LEAKAGE.
9. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW. SHOP DRAWINGS SHALL INCLUDE ROOF SYSTEM COMPONENTS AND ACCESSORIES INCLUDING ITEMS REQUIRED BUT NOT SPECIFICALLY DETAILED.
10. THE ROOF PLAN DRAWINGS ARE DIAGRAMMATIC, AND NOT ALL REQUIRED ROOF PENETRATIONS ARE ILLUSTRATED. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL EQUIPMENT AND PIPING PENETRATIONS. PROVIDE CURBS, FLASHINGS, CRICKETS, COLLARS, ETC PER ARCHITECTURAL DETAILS FOR ALL PENETRATIONS AND EQUIPMENT WHETHER SHOWN ON THE ROOF PLAN OR NOT.
11. EXTEND EXISTING PLUMBING VENT PIPING TO MINIMUM HEIGHT ABOVE FINISHED ROOF.
12. ALL ROOF PATCH AREAS TO BE INSTALLED WEATHERPROOF AND WATERTIGHT, AND TO ENSURE PROPER DRAINAGE.
13. PRIOR TO PERFORMING ANY ROOFING WORK, CONTRACTOR SHALL TEST ALL DRAIN LINES AND NOTIFY OWNER OF ANY LINES THAT ARE PLUGGED OR PARTIALLY PLUGGED. ANY DRAIN LINES THAT ARE SLOW DRAINING OR PLUGGED FOLLOWING THE WORK SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
14. REFER TO WALLS SECTIONS FOR TYPICAL ASSEMBLIES AND MINIMUM INSULATION REQUIREMENTS.

Roof Plan Legend

- EXISTING ROOF ASSEMBLY, TYP
- ROOF TIE-IN AND REPAIR AREA, TYP
- TPO ROOF ASSEMBLY, TYP REF R1 AT A4.00
- MOD BIT ROOF ASSEMBLY, TYP REF R2 AT A4.00
- ROOF DRAIN AND OVERFLOW DRAIN IN SUMP, REF MECH PER DETAIL, TYP
- DS — GUTTER DROP TO DOWNSPOUT, TYP REF DETAIL
- <SK#> — SKYLIGHT, TYP REF A2.72 FOR SKYLIGHT TYPES
- SSTL BOOT — WELDED SSTL FABRICATION AT PARAPET TRANSITIONS AT LOCATIONS INDICATED, REF DIAGRAMATTIC DETAIL AND FIELD VERIFY EACH CONDITION

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

ROOF PLAN

SHEET NO.

A2.20

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1 **Roof Plan**
1/8" = 1'-0"

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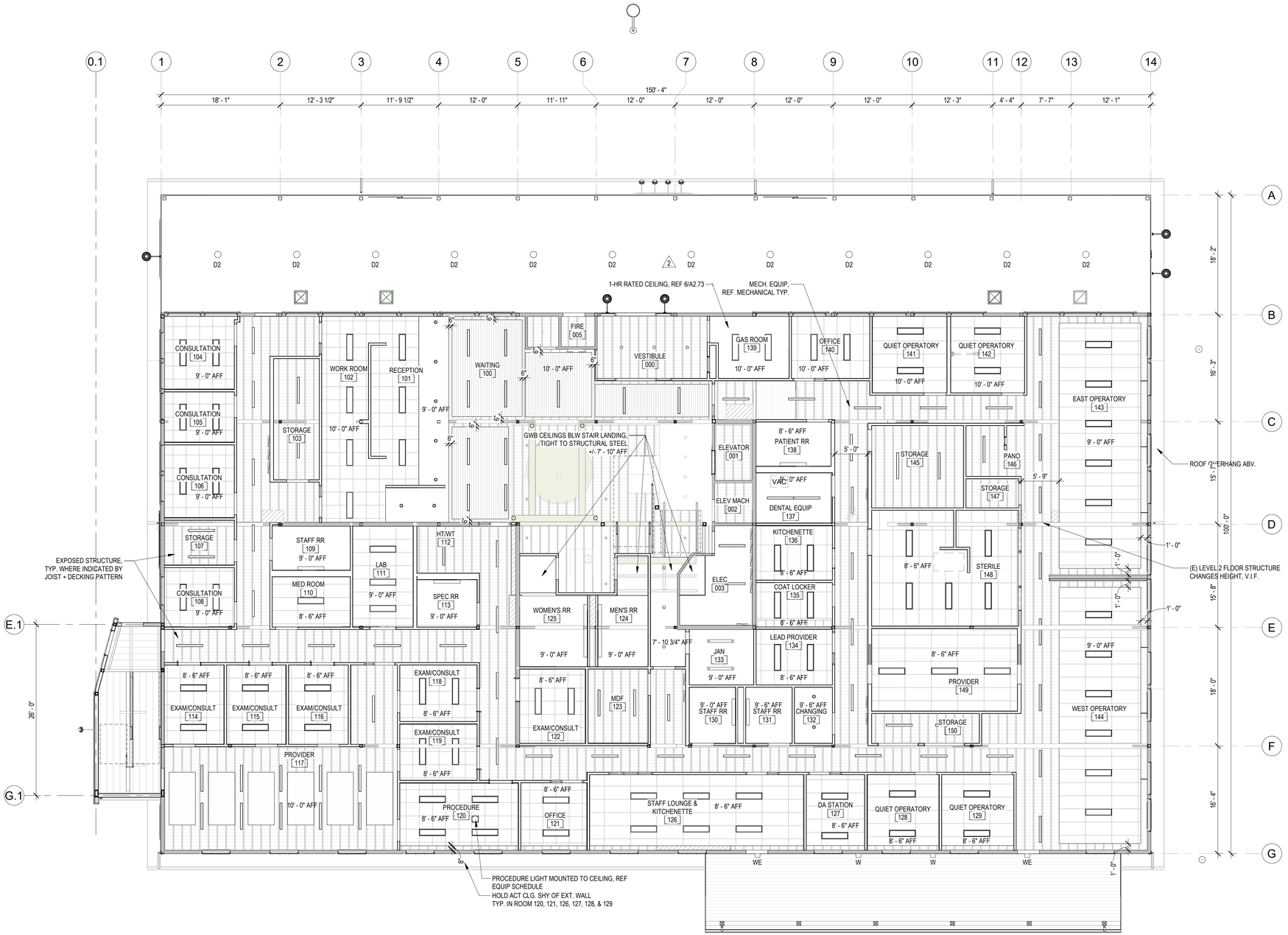

1 **Level 1 RCP**
1/8" = 1'-0"

RCP General Notes

1. REFER TO GENERAL NOTES ON SHEET AA1.00.
2. REFER TO FINISH SCHEDULE ON SHEET A2.70.
3. PROTECT EXISTING CEILING, FIXTURES, AND EQUIPMENT TO REMAIN DURING CONSTRUCTION.
4. IN SOME CASES SELECTED STRUCTURAL, MECHANICAL AND ELECTRICAL ITEMS ARE INDICATED FOR PURPOSES OF COORDINATION AND LOCATION. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK.
5. PAINT ALL EXPOSED DUCTWORK, PIPING, CONDUIT, STRUCTURE AND DECKING UNO.
6. PAINT ALL EXPOSED CEILINGS ABOVE APC BREAKS AND PERIMETERS.
7. FIRE SPRINKLER PIPING, PLUMBING PIPING SHALL AND ELECTRICAL CONDUIT SHALL BE ROUTED CONCEALED ABOVE DROPPED CEILINGS UNO.
8. CENTER ELECTRICAL DEVICES IN CEILING PANELS UNO, REF TO ELEC FOR ADDITIONAL DEVICES.

NO PROJECTIONS FROM THE CEILING ARE LESS THAN 7'-0" AFF, TYPICAL

RCP Legend

ARCHITECTURAL CEILINGS

10'-0" AFF — CEILING FINISH & HEIGHT ABOVE FINISH FLOOR

EXISTING EXPOSED CEILING/STRUCTURE, PREP & PAINT, TYP

(E) APC: EXISTING 24" X 48" ACOUSTICAL PANEL CEILING AND SUSPENSION ASSEMBLY. REFER ALTERNATE BID #4

APC-1: ACOUSTICAL PANEL CEILING 24X48"

APC-2: ACOUSTICAL PANEL CEILING 24X48"

APC-3: SUSPENDED ACOUSTICAL PANELS 48X96"

(E) GWB: EXISTING GYPSUM WALL BOARD CEILING, PAINT

GWB: GYPSUM WALL BOARD CEILING ON LIGHT GAUGE FRAMING, PAINT

LWC: LINEAR WOOD CEILING

ACCESS PANEL

MECHANICAL DEVICES (REF MECH)

SUPPLY DIFFUSER

RETURN OR EXHAUST GRILLE

LIGHT FIXTURES (REF ELEC)

RECESSED FIXTURES

SURFACE MOUNTED FIXTURES

LINEAR PENDANT

WALL MOUNTED LINEAR, REF INT ELEVS

ELECTRICAL DEVICES (REF ELEC)
CENTER ON APC PANELS, TYP

EMERGENCY LIGHT FIXTURE

EXIT SIGN

(M) OCCUPANCY SENSOR

(P) PHOTOSENSOR

(F) FIRE ALARM DEVICE

(S) SMOKE DETECTOR

(H) HEAT DETECTOR

(C) SECURITY VIDEO CAMERA

(I) INTERCOM SPEAKER

(S) SPEAKER

(R) INFRARED SENSOR

WAP — WIRELESS ACCESS POINT (ABOVE CEILING)

(S) MOTION DETECTOR

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
2	PERMIT CORRECTIONS #2	1/31/23

SHEET TITLE

REFLECTED CEILING PLAN LEVEL 1

SHEET NO.

A2.30

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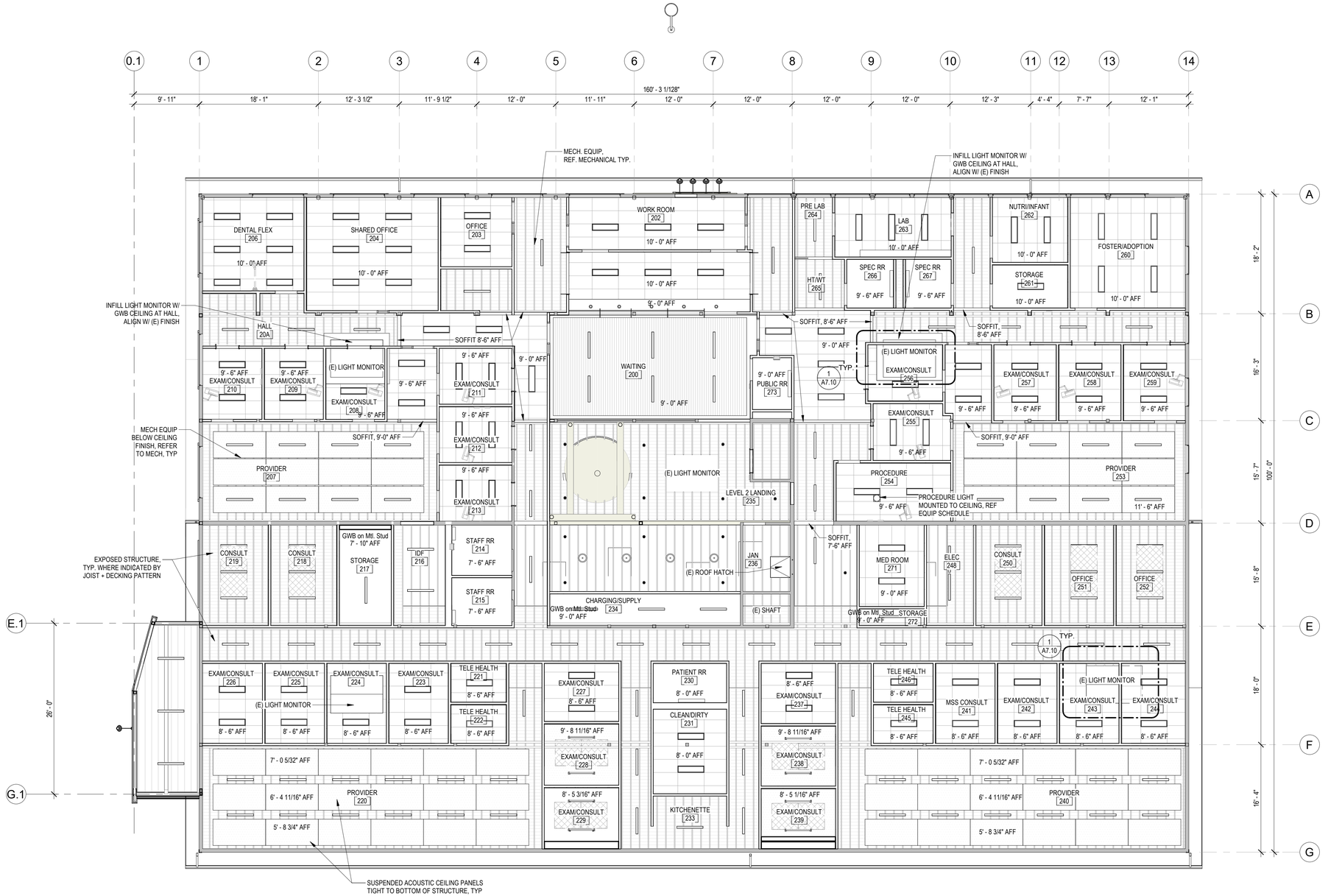

RCP General Notes

1. REFER TO GENERAL NOTES ON SHEET AA1.00.
2. REFER TO FINISH SCHEDULE ON SHEET A2.70.
3. PROTECT EXISTING CEILING, FIXTURES, AND EQUIPMENT TO REMAIN DURING CONSTRUCTION.
4. IN SOME CASES SELECTED STRUCTURAL, MECHANICAL AND ELECTRICAL ITEMS ARE INDICATED FOR PURPOSES OF COORDINATION AND LOCATION. REFER TO STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL SCOPE OF WORK.
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8. CENTER ELECTRICAL DEVICES IN CEILING PANELS UNO, REF TO ELEC FOR ADDITIONAL DEVICES.

NO PROJECTIONS FROM THE CEILING ARE LESS THAN 7'-0" AFF, TYPICAL

RCP Legend

ARCHITECTURAL CEILINGS

- 10'-0" AFF — CEILING FINISH & HEIGHT ABOVE FINISH FLOOR
- EXISTING EXPOSED CEILING/STRUCTURE, PREP & PAINT, TYP
- (E) APC: EXISTING 24" X 48" ACOUSTICAL PANEL CEILING AND SUSPENSION ASSEMBLY. REFER ALTERNATE BID #4
- APC-1: ACOUSTICAL PANEL CEILING 24X48"
- APC-2: ACOUSTICAL PANEL CEILING 24X48"
- APC-3: SUSPENDED ACOUSTICAL PANELS 48X96"
- (E) GWB: EXISTING GYPSUM WALL BOARD CEILING, PAINT
- GWB: GYPSUM WALL BOARD CEILING ON LIGHT GAUGE FRAMING, PAINT
- LWC: LINEAR WOOD CEILING
- ACCESS PANEL

MECHANICAL DEVICES (REF MECH)

- SUPPLY DIFFUSER
- RETURN OR EXHAUST GRILLE

LIGHT FIXTURES (REF ELEC)

- RECESSED FIXTURES
- SURFACE MOUNTED FIXTURES
- LINEAR PENDANT
- WALL MOUNTED LINEAR, REF INT ELEVS

ELECTRICAL DEVICES (REF ELEC)
CENTER ON APC PANELS, TYP

- EMERGENCY LIGHT FIXTURE
- EXIT SIGN
- (M) OCCUPANCY SENSOR
- (P) PHOTOSENSOR
- (F) FIRE ALARM DEVICE
- (S) SMOKE DETECTOR
- (H) HEAT DETECTOR
- (C) SECURITY VIDEO CAMERA
- (I) INTERCOM SPEAKER
- (S) SPEAKER
- (IR) INFRARED SENSOR
- WAP WIRELESS ACCESS POINT (ABOVE CEILING)
- (S) MOTION DETECTOR

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Puyallup, WA 98371

Miller Hayashi Architects
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Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

REFLECTED CEILING PLAN LEVEL 2

SHEET NO.

A2.31

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1 **Level 2 RCP**
1/8" = 1'-0"

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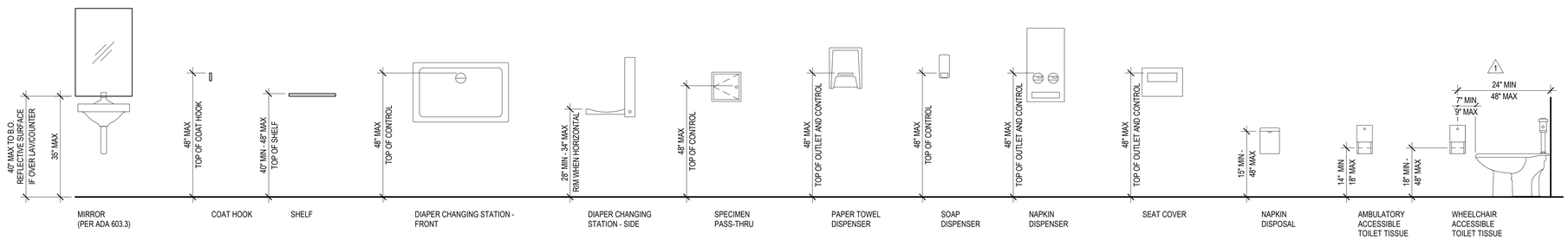
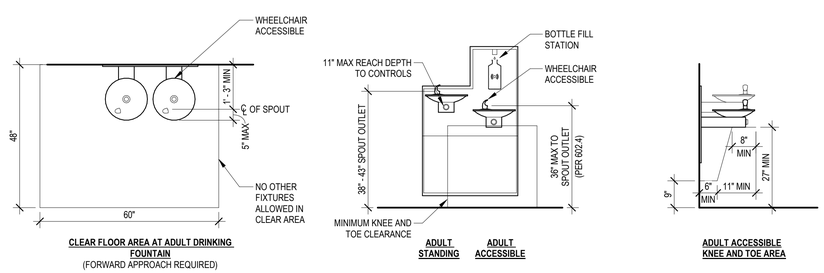


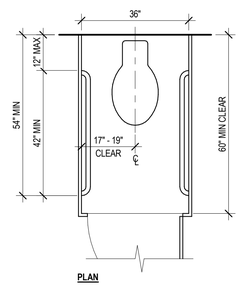
A. Typical Toilet Accessory Mounting Heights

Note:
ALL ACCESSIBILTY DIMENSIONS TO FACE OF FINISH, UNO

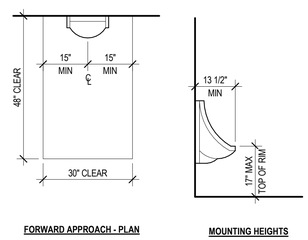
Source Documents:
2017 ANSI A117 (IBC)
2010 ADA STANDARDS



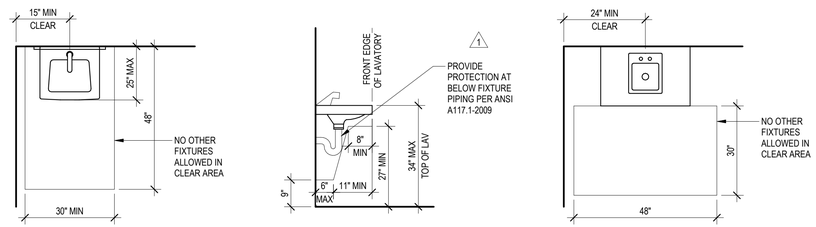
B. Accessible High/Low Drinking Fountain



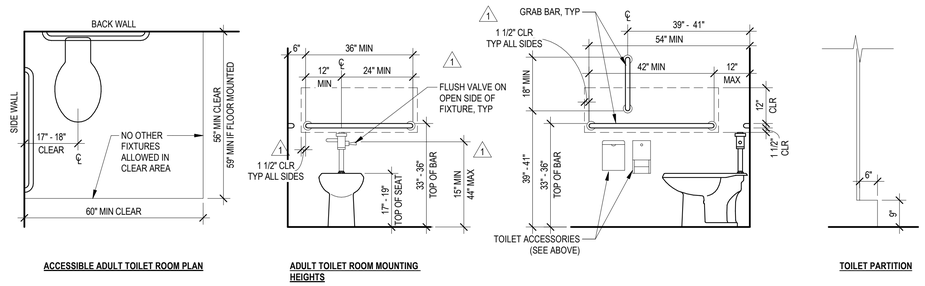
F. Typical Ambulatory Stall Layout



G. Typical Accessible Wall-Hung Urinal Layout



C. Typical Sink/Lavatory Layout



D. Typical Accessible Toilet Room Layout

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PERMIT SET

DATE
10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE
ACCESSBILITY CLEARANCES

SHEET NO.
A2.60

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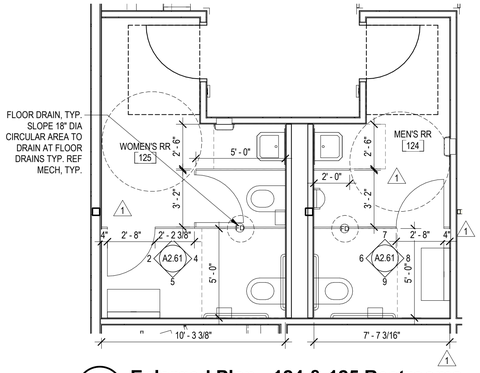
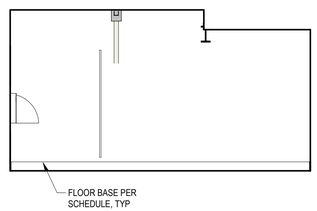
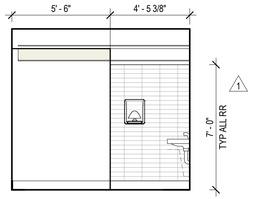


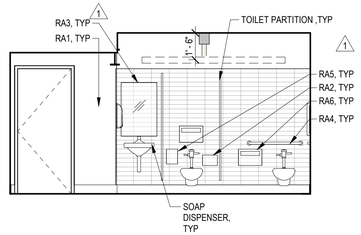
1 Enlarged Plan - 124 & 125 Restrooms
1/4" = 1'-0"



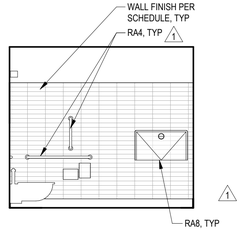
2 125 WOMEN'S RR - N
1/4" = 1'-0"



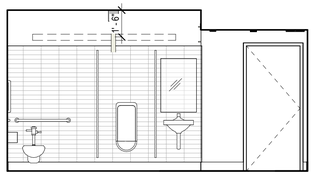
3 125 WOMEN'S RR - E
1/4" = 1'-0"



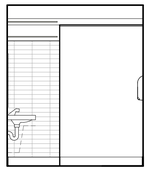
4 125 WOMEN'S RR - S
1/4" = 1'-0"



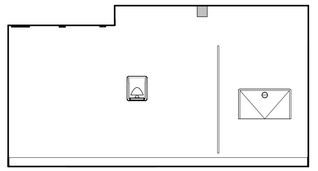
5 125 WOMEN'S RR - W
1/4" = 1'-0"



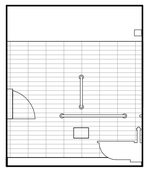
6 124 MEN'S RR - N
1/4" = 1'-0"



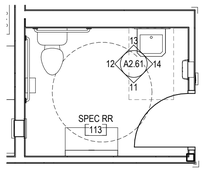
7 124 MEN'S RR - E
1/4" = 1'-0"



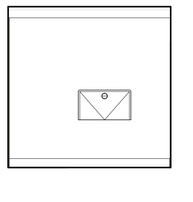
8 124 MEN'S RR - S
1/4" = 1'-0"



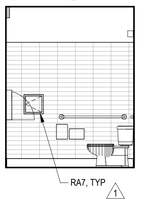
9 124 MEN'S RR - W
1/4" = 1'-0"



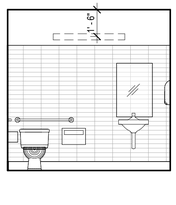
10 Enlarged Plan - Spec RR 113
1/4" = 1'-0"



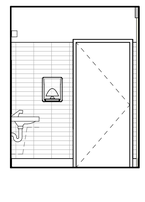
11 113 SPEC RR - N
1/4" = 1'-0"



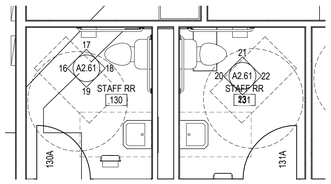
12 113 SPEC RR - E
1/4" = 1'-0"



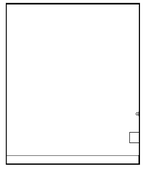
13 113 SPEC RR - S
1/4" = 1'-0"



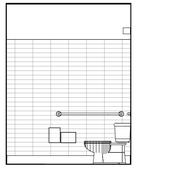
14 113 SPEC RR - W
1/4" = 1'-0"



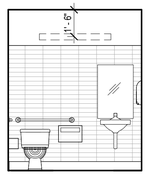
15 Enlarged Plan - 130 & 131 Staff RR Level 1
1/4" = 1'-0"



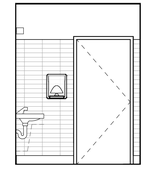
16 130 STAFF RR - N
1/4" = 1'-0"



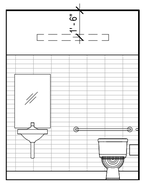
17 130 STAFF RR - E
1/4" = 1'-0"



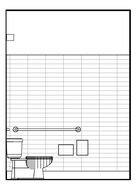
18 130 STAFF RR - S
1/4" = 1'-0"



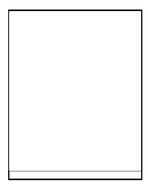
19 130 STAFF RR - W
1/4" = 1'-0"



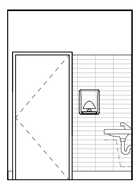
20 131 STAFF RR - N
1/4" = 1'-0"



21 131 STAFF RR - E
1/4" = 1'-0"



22 131 STAFF RR - S
1/4" = 1'-0"



23 131 STAFF RR - W
1/4" = 1'-0"

Interior Elevation Legend

	EXISTING GWB, REMOVE ALL SURFACE MOUNTED ITEMS, PATCH HOLES, DINGS, AND CRACKS, PAINT
P- #	ACCENT PAINT
CT-1	CERAMIC TILE
TB-1	TACKBOARD
TB-2	TACKABLE WALL COVERING
MB-1	MARKER BOARD W/ DISPLAY RAIL
VWP-1	HDWD VENEER PANEL
WPP-1	WALL PROTECTION PANEL
AWP-1	ACOUSTICAL WALL PANEL
X#	EQUIPMENT OR TOILET ACCESSORY; REF TOILET ACCESSORIES LEGEND ON A2.61

Interior Elevation General Notes

1. REFER TO A2.60 FOR ACCESSIBILITY CLEARANCES AND TYPICAL MOUNTING HEIGHTS.
2. REFER TO A2.61 FOR TOILET ACCESSORIES LEGEND. PROVIDE CONTINUOUS BACKING AT ALL WALL MOUNTED TOILET ACCESSORIES
3. REFER TO A2.70 FOR FINISH SCHEDULE AND LEGEND FOR ADDITIONAL INFORMATION.
4. REFER TO A2.71 & 2.72 FOR RELITE TYPES.
5. ALL DIMENSIONS ARE FROM FINISH FACE OR CENTERLINE OF DEVICE UNO.
6. COORDINATE DIMENSIONS AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
7. VERIFY SIZES AND DIMENSIONS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
8. PROVIDE HORIZONTAL BACKING SUPPORT FOR ALL WALL SUPPORTED ITEMS SHOWN ON ELEVATIONS. PROVIDE BACKING AT FOIO ITEMS AS INDICATED IN EQUIPMENT LIST AND ON ELEVATIONS.
9. PROVIDE 4" WIDE 16 GA. CONTINUOUS METAL STRAPPING CENTERED AT 5'-0" AFF AT WALLS TO SUPPORT FIXTURES, FURNITURE, AND EQUIPMENT GREATER THAN 5'-0" HIGH AND AS INDICATED IN INTERIOR ELEVATIONS.
10. ALL WRITING BOARDS AND TACK BOARDS TO BE FASTENED DIRECTLY TO BLOCKING OR STUDS BEHIND THE FINISHED WALL SURFACE WITH SCREWS THROUGH THE METAL PERIMETER TRIM (NO CONCEALED ANGLES AND NO ADHESIVES).
11. MOUNTING HEIGHTS (TO CENTER, UNO):
    - ELECTRICAL AND DATA OUTLETS: 18" AFF UNO.
    - LIGHT SWITCHES: 44" AFF UNO.
    - CARD READERS : 44" AFF UNO.
    - FIRE ALARM PULLS: 44" AFF UNO.
    - ROOM SIGNS (BOTTOM EDGE): 48" AFF UNO.
12. MOUNT ROOM SIGNS WITH EDGE 2" FROM FRAME AT LATCH SIDE OF DOOR.
13. PROVIDE LOCKS AT CABINETS INDICATED WITH "L".

RESTROOM ACCESSORIES LEGEND

#	TYPE OF ACCESSORY
RA1	PAPER TOWEL DISPENSER (RECESSED U.N.O.)
RA2	TOILET TISSUE DISPENSER
RA3	MIRROR
RA4	GRAB BARS
RA5	SANITARY NnapkIN DISPOSAL
RA6	SEAT COVER DISPENSER
RA7	SPECIMENT PASS -THRU CABINET
RA8	FOLD DOWN DIAPER CHANGING STATION

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

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1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

ENLARGED RESTROOM PLANS & ELEVATIONS

SHEET NO.

A2.61

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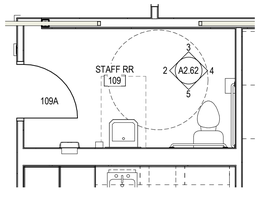
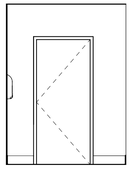
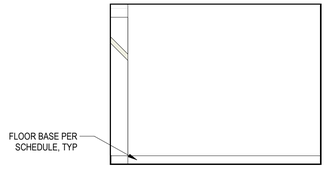


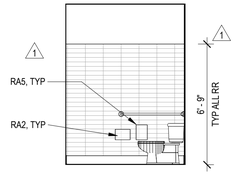
1 Enlarged Plan - 109 Staff RR 109 Level 1
1/4" = 1'-0"



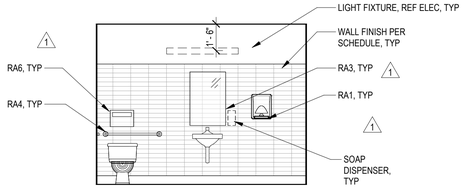
2 109 STAFF RR - N
1/4" = 1'-0"



3 109 STAFF RR - E
1/4" = 1'-0"



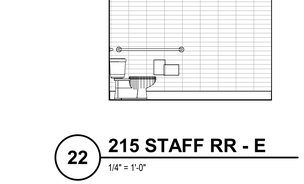
4 109 STAFF RR - S
1/4" = 1'-0"



5 109 STAFF RR - W
1/4" = 1'-0"

6 Enlarged Plan - 138 Patient RR Level 1
1/4" = 1'-0"

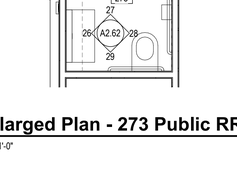
7 138 PATIENT RR - N
1/4" = 1'-0"



8 138 PATIENT RR - E
1/4" = 1'-0"

9 138 PATIENT RR - S
1/4" = 1'-0"

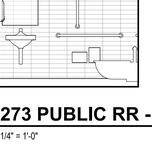
10 138 PATIENT RR - W
1/4" = 1'-0"



11 Enlarged Plan - 230 Patient RR Level 2
1/4" = 1'-0"

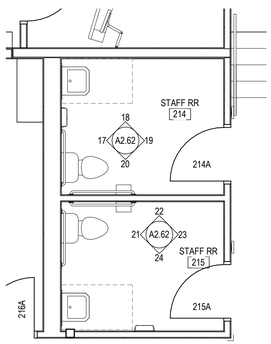
12 230 PATIENT RR - N
1/4" = 1'-0"

13 230 PATIENT RR - E
1/4" = 1'-0"



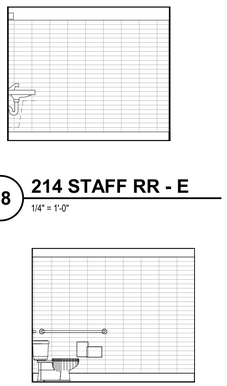
14 230 PATIENT RR - S
1/4" = 1'-0"

15 230 PATIENT RR - W
1/4" = 1'-0"



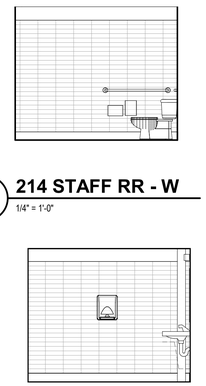
16 Enlarged Plan - 214 & 215 Staff RR Level 2
1/4" = 1'-0"

17 214 STAFF RR - N
1/4" = 1'-0"

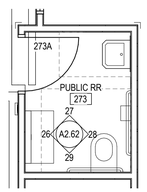


18 214 STAFF RR - E
1/4" = 1'-0"

19 214 STAFF RR - S
1/4" = 1'-0"

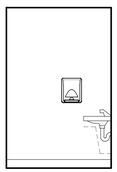


20 214 STAFF RR - W
1/4" = 1'-0"

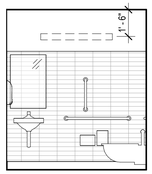


25 Enlarged Plan - 273 Public RR Level 2
1/4" = 1'-0"

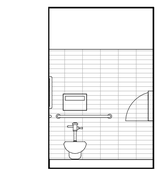
26 273 PUBLIC RR - N
1/4" = 1'-0"



27 273 PUBLIC RR - E
1/4" = 1'-0"



28 273 PUBLIC RR - S
1/4" = 1'-0"



29 273 PUBLIC RR - W
1/4" = 1'-0"

REFER TO A2.61 FOR INTERIOR ELEVATION GENERAL NOTES AND LEGEND, TYP

1

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

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SHEET TITLE

ENLARGED RESTROOM PLANS & ELEVATIONS

SHEET NO.

A2.62

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Finish Schedule Legend

FLOOR FINISHES:
F1 NOT USED
F2 RESILIENT SHEET FLOORING
F3 PLANK FLOORING
F4 PORCELAIN TILE, EPOXY GROUT, SEALER
F5 WALK-OFF MAT
F6 CONCRETE, SMOOTH FINISH, SEALED
F7 CONCRETE, BROOM FINISH

BASE FINISHES:
B1 RUBBER BASE
B2 COVE TILE BASE
B3 HARDWOOD BASE

WALL FINISHES:
EW-1 EXISTING SUBSTRATE, PAINT
W1 GWB, PAINT
W2 CERAMIC WALL TILE ON CEMENT BACKER BOARD, REF INT ELEV
W3 3/4" AC PLYWOOD WITH FIRE RETARDANT, TO 7' AFF, PAINT
W4 WALL COVERING OVER GWB

Finish Schedule General Notes

1. WHERE MORE THAN ONE FINISH IS INDICATED, REFER TO PLANS, CEILING PLANS, AND INTERIOR ELEVATIONS FOR MORE DETAIL.
2. REFER TO REFLECTED CEILING PLANS FOR INFORMATION REGARDING CEILING FINISHES.
3. REFER TO FINISH COLOR SCHEDULE, FINISH PLANS AND INTERIOR ELEVATIONS FOR MATERIAL COLOR AND PATTERN DESIGNATIONS.
4. REFER TO PARTITION TYPES FOR WALL SUBSTRATE.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SCHEDULED FINISHES.
6. PAINT ALL MECHANICAL GRILLES AT PAINTED WALLS AND CEILINGS TO MATCH ADJACENT PAINT.
7. PAINT ALL EXPOSED PIPING, CONDUIT, AND DUCTWORK UNO.
8. PAINT ALL INTERIOR WALLS, SOFFITS AND CEILINGS TO BE P1 UNO ON PLANS, ELEVATIONS OR FINISH SCHEDULE.
9. TYPICAL DOOR FINISH COLOR INDICATED ON FINISH COLOR SCHEDULE. REFER TO DOOR SCHEDULE KEY NOTES FOR ADDITIONAL PAINT COLOR NOTES AT SPECIFIC DOORS.
10. FLOOR MATERIAL TRANSITIONS CENTERED UNDER DOOR, UNO.
11. WALL COVERING SEAMS AND/OR TERMINATIONS ARE NOT PERMITTED ON OUTSIDE CORNERS.
12. GWB IS TYPE X LEVEL 4 FINISH UNO, REF KEY NOTES.
13. PROVIDE TYPE X MOISTURE AND MOLD RESISTANT GWB AT ALL RESTROOMS, KITCHENETTES, BEHIND SINKS AND APPLIANCES, WATERFOUNTAINS, AND OTHER WET AREAS, TYP UNO.

Finish Schedule Key Notes

1. TYPE X ABUSE RESISTANT GWB TO 8' 8" AFF MIN AT PARTITIONS AND INFILLS.
2. TYPE X MOISTURE AND MOLD RESISTANT GWB WHERE NOT TILED OR COVERED WITH WPP.

Finish Color Schedule

F1 CARPET TILE:
CPT-1: SHAW, STYLE: , COLOR:
CPT-2: SHAW, STYLE: , COLOR:

F2 RESILIENT SHEET FLOORING:
RSF-1: SHAW CONTRACT INNATE LINEN SHEET, COLOR: SAND 66105
RSF-2: SHAW CONTRACT INNATE LINEN SHEET, COLOR: EARTH 66130
RSF-3: SHAW CONTRACT INNATE LINEN SHEET, COLOR: SEA 66416
RSF-4: SHAW CONTRACT IN TANDEM SHEET, COLOR: SPRY 97250
RSF-5: SHAW CONTRACT IN TANDEM SHEET, COLOR: WINNOW 97560

F3 PLANK FLOORING
PLT-1: SHAW CONTRACT INNATE STRIA TILE, 16X34 TILE, COLOR: CLAY 67130
PLT-2: SHAW CONTRACT INNATE STRIA TILE, 16X34 TILE, COLOR: ESSENTIAL 67516
PLT-3: SHAW CONTRACT INNATE STRIA TILE, 16X34 TILE, COLOR: SEASON 67518
PLT-4: SHAW CONTRACT IN TANDEM TILE, 10X59 PLANK TILE, COLOR: SPRY 96250
PLT-5: SHAW CONTRACT IN TANDEM TILE, 10X59 PLANK TILE, COLOR: WINNOW 96560

F4 PORCELAIN FLOOR TILE:
PT-1: CROSSVILLE COLOR BLOX 2.0, CBX17 I SEE THE MOON, 12X24
PT-2: CROSSVILLE COLOR BLOX 2.0, CBX33 WET CLAY, 12X24

F5 WALK-OFF MAT:
WM-1: SHAW CONTRACT, WELCOME II, COLOR: BLACK CHOCOLATE 31751

F6 CONCRETE, SMOOTH FINISH, SEALED

F7 CONCRETE, BROOM FINISH

F8 STATIC DISSIPATIVE FLOORING
SDF-1: ARMSTRONG, EXCELON SDT, COLOR: BEACH

B1 RUBBER BASE:
RB-1: ROPPE, 6", COLOR: 193 'BLACK BROWN'

B2 COVE TILE BASE:
CTB-1: CROSSVILLE, COLORBLOX 2.0, 6X12 COVE BASE, COLOR TO MATCH FLOOR TILE

B3 HARDWOOD BASE:
HWB-1: 1" X 4" SOLID HARDWOOD BASE, COLOR: WHITE ASH, CLEAR FINISH

W2 CERAMIC TILE:
CT-1: CROSSVILLE, SWATCHES 3 X 12, COLOR: NEC01 COTTON, FINISH: GLOSS
CT-2: CROSSVILLE, SWATCHES 3 X 12, COLOR: BRI25 PETROL, FINISH: GLOSS
CT-3: CROSSVILLE, SWATCHES 3 X 12, COLOR: BRI21 COBALT, FINISH: GLOSS

W3 WALL COVERING OVER GWB
WPP-1: WALL PROTECTION PANEL: WILSONART, COLOR: PRESSED LINEN 4991-38, FINISH: FINE VELVET BUTT JOINTS SEALED TO MATCH PANELS
WPP-2: PLASTIC LAMINATE WALL COVERING, WILSONART: OAT HONEYCOMB Y0658-60
WPP-3: FIBER-REINFORCED PANELING, RAMPART, COLOR: ASHLAR/HAZE, ASH5073

ACOUSTICAL CEILING PANEL
APC-1: ARMSTRONG, CALLA HEALTH ZONE, WHITE, 24X48 SQUARE TEGULAR (TYP, UNO)
APC-2: ARMSTRONG, CALLA HIGH NRC, WHITE, 24X24 SQUARE TEGULAR

ACOUSTICAL ART PANEL
AAP-1: 4'X4' DIRECT-ATTACH WALL PANEL, CONWED ACOUSTIC ART

LINEAR WOOD CEILING:
LWC-1: 9 WOOD, CROSS PIECE GRILLE 1100, 5/8" x 3-1/4" SLAT SIZE, WHITE ASH, CLEAR STAIN

ACOUSTICAL CEILING CLOUD:
ACC-1: F-SORB 1" THICK SUSPENDED PANELS, SIZE AND ORIENTATION PER RCP. COLOR: TAN FS-190

SHADE CLOTH:
FABRIC TYPE A: MECHOSYSTEMS, ECOVEIL, 1350 SERIES (5% OPEN)

PAINTINGS AND COATINGS:
REF TO SPEC FOR PAINT SYSTEM AND SHEEN AT EACH SUBSTRATE.
COLORS TO MATCH BENJAMIN MOORE COLOR CODES, UNO.

TYP AT WALLS AND CEILINGS, UNO	P1: SW 6105, DIVINE WHITE
TYP AT EXPOSED INT STL COLUMNS AND INT STL HANDRAILS, UNO	P2: SW 6105, DIVINE WHITE
TYP AT EXPOSED EXT STL COLUMNS AND EXT STL HANDRAILS, UNO	P3: SW 7674, PEPPERCORN
TYP AT EXPOSED CONDUITS, PIPES, DUCTS, AND STRUCT STL, UNO	P1: SW 6105, DIVINE WHITE
TYP AT INT HM DOORS AND FRAMES, UNO	P2: SW 7055, ENDURING BRONZE
TYP AT EXT HM DOOR FRAMES, UNO	P3: SW 7674, PEPPERCORN
TYP AT EXT HM DOORS, UNO	P3: SW 7674, PEPPERCORN
ACCENT COLOR	P4: SW 6221, MOODY BLUE
ACCENT COLOR	P5: SW 0031, DUTCH TILE BLUE
ACCENT COLOR	P6: SW 7692, CUPOLA YELLOW
ACCENT COLOR	P7: SW 0006, TOILE RED

CASEWORK:
PLAM-1: (VERTICAL FACES) FORMICA, 8843H-58 NATURAL ASH
PLAM-2: (VERTICAL FACES) FORMICA,

TYPE 1: SOLID SURFACE COUNTERTOP (TYPICAL, UNO):
SSF-1: CORIAN, CANVAS
SSF-2: CORIAN, DEEP MINK

TYPE 1: PLASTIC LAMINATE COUNTERTOP W/ PVC EDGEBAND:
PLAM-3: PIONITE, AV250-SD PASSIN THROUGH

TYPE 3: LINOLEUM W/ HARDWOOD EDGEBAND
LNC-1: FORBO MARMOLEUM, LAVA 3139

TOILET PARTITIONS:
SCRANTON PRODUCTS, HINY HIDERS, COLOR: TBD

VINYL APPLIQUE:
3M VINYL, SCOTCHGAL TRANSLUCENT, COLOR: TBD

VISUAL DISPLAY BOARD:
MB-1: MARKER BOARD: CLARIDGE, COLOR: 100 "WHITE LCS"

TACKABLE WALL COVERING:
TB-1: FORBO BULLETIN BOARD, COLOR: 2206 "OYSTER SHELL", PROVIDE CLEAR SATIN ANODIZED ALUM CAP TRIM AT PERIMETER

SOLID STOCK WOOD
CR-1 1" X 6" SOLID STOCK WOOD, COLOR; WHITE ASH, CLEAR FINISH LOCATIONS PER INTERIOR ELEVATIONS

Finish Schedule

ROOM	NAME	FLOOR FINISH	BASE FINISH	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	KEY NOTES
000	VESTIBULE	F5, WM-1	B1	EW-1, W1	EW-1, W1	W1	W1	
001	ELEVATOR	F3	B1	EW-1, W1	EW-1, W1	EW-1, W1	EW-1, W1	
01A	HALL	F3	B1	W1	EW-1, W1	W1	W1	
002	ELEV MACH	NO CHANGE	B1	EW-1, W1	EW-1, W1	EW-1, W1	EW-1, W1	
02A	HALL	F3, PLT-4	B1	EW-1, W1	W1	--	W1	
003	ELEC	NO CHANGE	B1	EW-1, W3	EW-1, W3	EW-1, W3	EW-1, W3	
03A	HALL	F3, PLT-4	B1	W1	--	EW-1, W1	W1	
004	CLOSET	F7	B1	EW-1, W1	EW-1, W1	EW-1, W1	EW-1, W1	
04A	HALL	F3	B1	--	W1	--	W1	
005	FIRE	NO CHANGE	B1	EW-1, W1	EW-1, W1	EW-1, W1	EW-1, W1	
05A	HALL	F3	B1	W1	W1	W1	--	
06A	HALL	F3	B1	W1	--	W1	--	
07A	HALL	F3	B1	W1	W1	--	EW-1, W1	
08A	HALL	F3	B1	W1	EW-1, W1	--	EW-1, W1	
20A	HALL	F3	B1	EW-1, W1	W1	--	W1	
21A	HALL	F3	B1	EW-1, W1	EW-1, W1	EW-1, W1	--	
21B	HALL	F3	B1	EW-1, W1	--	EW-1, W1	--	
22A	HALL	F3	B1	EW-1, W1	EW-1, W1	--	W1	
23A	HALL	F3	B1	W1	--	W1	EW-1, W1	
24A	HALL	F3	B1	W1	--	W1	EW-1, W1	
25A	HALL	F3	B1	W1	--	W1	W1	
25B	HALL	F3	B1	W1	--	W1	--	
26A	HALL	F3	B1	W1	W1	EW-1, W1	W1	
27A	HALL	F3	B1	W1	EW-1, W1	W1	--	
28A	HALL	F3	B1	W1	EW-1, W1	W1	--	
100	WAITING	F4, PT-1	B3	W1	EW-1, W1	EW-1, W1	EW-1, W1	
101	RECEPTION	F3, PLT-5	B1	W1	EW-1, W1	--	W1	
102	WORK ROOM	F3, PLT-5	B1	W1	EW-1, W1	W1	EW-1, W1	
103	STORAGE	F3	B1	W1	W1	W1	W1	
104	CONSULTATION	F3	B1	EW-1, W1	EW-1, W1	W1	W1	
105	CONSULTATION	F3	B1	EW-1, W1	W1	W1	W1	
106	CONSULTATION	F3	B1	EW-1, W1	W1	W1	W1	
107	STORAGE	F3	B1	EW-1, W1	W1	W1	W1	
108	CONSULTATION	F3	B1	EW-1, W1	W1	W1	W1	
109	STAFF RR	F4, PT-2	B2	W2	EW-1, W2	W2	W2	2
110	MED ROOM	F2, RSF-4	B1	W1	W1	W1	W1	
111	LAB	F2, RSF-4	B1	W1	EW-1, W1	W1	W1	
112	HT/WT	F3	B1	W1	EW-1, W1	W1	W1	
113	SPEC RR	F4, PT-2	B2	W2	W2	W2	W2	2
114	EXAM/CONSULT	F2	B1	EW-1, W4	W4	W4	W4	
115	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
116	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
117	PROVIDER	F3	B1	EW-1, W1	W1	W1	EW-1, W1	
118	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
119	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
120	PROCEDURE	F2	B1	W1	W1	W1	EW-1, W1	
121	OFFICE	F3, PLT-4	B1	W1	W1	W1	EW-1, W1	
122	EXAM/CONSULT	F2	B1	EW-1, W4	W4	W4	W4	
123	MDF	F8	B1	W3	W3	W3	W3	
124	MEN'S RR	F4, PT-2	B2	W2	W2	W1	W2	2
125	WOMEN'S RR	F4, PT-2	B2	EW-1, W1	W2	W2	W2	2
126	STAFF LOUNGE & KITCHENETTE	F3, PLT-5	B1	W1	W1	W1	EW-1, W1	
127	DA STATION	F3	B1	W1	W1	W1	EW-1, W1	
128	QUIET OPERATORY	F2	B1	W1	W1	W1	EW-1, W1	
129	QUIET OPERATORY	F2	B1	W1	W1	W1	EW-1, W1	
130	STAFF RR	F4, PT-2	B2	W1	W2	W2	W2	2
131	STAFF RR	F4, PT-2	B2	W2	W2	W1	W2	2
132	CHANGING	F3	B1	W1	W1	W1	W1	2
133	JAN	F2	B1	W1	EW-1, W1	W1	W1	
134	LEAD PROVIDER	F3	B1	W1	W1	W1	W1	
135	COAT LOCKER	F3	B1	EW-1, W1	W1	W1	W1	
136	KITCHENETTE	F3	B1	EW-1, W1	W1	W1	W1	
137	DENTAL EQUIP	F7	B1	EW-1, W1	W1	W1	W1	2
138	PATIENT RR	F4, PT-2	B2	EW-1, W2	W1	W1	W2	
139	GAS ROOM	F2, RSF-1	B1	W1	EW-1, W1	W1	W1	
140	OFFICE	F3	B1	W1	EW-1, W1	W1	W1	
141	QUIET OPERATORY	F2	B1	W1	EW-1, W1	W1	W1	
142	QUIET OPERATORY	F2	B1	W1	EW-1, W1	W1	W1	
143	EAST OPERATORY	F2	B1	--	EW-1, W1	EW-1, W1	EW-1, W1	
144	WEST OPERATORY	F2	B1	--	EW-1, W1	EW-1, W1	EW-1, W1	
145	STORAGE	F3	B1	W1	W1	W1	W1	
146	PANO	F3	B1	W1	W1	W1	W1	
147	STORAGE	F3	B1	W1	W1	W1	W1	
148	STERILE	F2	B1	W1	W1	W1	W1	
149	PROVIDER	F3	B1	W1	W1	W1	W1	
150	STORAGE	F3	B1	W1	W1	W1	W1	
199	NORTH STAIR	F4, F7, PT-1	B1	W1	W1	EW-1, W1	W1	
200	WAITING	F4, PT-1	B3	W1	W1	W1	W1	
201	RECEPTION	F3	B1	W1	W1	W1	W1	
202	WORK ROOM	F3	B1	W1	EW-1, W1	W1	W1	
203	OFFICE	F3	B1	W1	EW-1, W1	W1	W1	
204	SHARED OFFICE	F3	B1	W1	EW-1, W1	W1	W1	
205	HT/WT	F3	B1	W1	W1	W1	W1	
206	DENTAL FLEX	F2	B1	EW-1, W1	EW-1, W1	W1	W1	
207	PROVIDER	F3	B1	EW-1, W1	W1	W1	EW-1, W1	
208	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
209	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
210	EXAM/CONSULT	F2	B1	EW-1, W4	W4	W4	W4	
211	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
212	EXAM/CONSULT	F2	B1	W4	W4	EW-1, W4	W4	
213	EXAM/CONSULT	F2	B1	W4	W4	EW-1, W4	W4	
214	STAFF RR	F4, PT-2	B1	W2	W2	EW-1, W1	W2	2
215	STAFF RR	F4, PT-2	B1	W2	W2	EW-1, W1	W2	2
216	IDF	F8, SDF-1	B1	W3	EW-1, W3	W3	W3	
217	STORAGE	F3	B1	W1	EW-1, W1	W1	W1	
218	CONSULT	F3	B1	W1	EW-1, W1	W1	W1	
219	CONSULT	F3	B1	EW-1, W1	EW-1, W1	W1	W1	
220	PROVIDER	F3	B1	EW-1, W1	W1	W1	EW-1, W1	
221	TELE HEALTH	F3	B1	W1	W1	W1	W1	
222	TELE HEALTH	F3	B1	W1	W1	W1	W1	
223	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
224	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
225	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
226	EXAM/CONSULT	F2	B1	EW-1, W4	W4	W4	W4	
227	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
228	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
229	EXAM/CONSULT	F2	B1	W4	W4	W4	EW-1, W4	
230	PATIENT RR	F4, PT-2	B2	W2	W1	W2	W2	2
231	CLEAN/DIRTY	F2	B1	W1	W1	W1	W1	
233	KITCHENETTE	F3	B1	W1	W1	W1	EW-1, W1	
234	CHARGING/SUPPLY	F3	B1	W1	W1	EW-1, W1	EW-1, W1	
235	LEVEL 2 LANDING	F4	B3	--	--	--	--	
236	JAN	F2	B1	EW-1, W1	EW-1, W1	EW-1, W1	EW-1, W1	2
237	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
238	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
239	EXAM/CONSULT	F2	B1	W4	W4	W4	EW-1, W4	
240	PROVIDER	F3	B1	W1	W1	EW-1, W1	EW-1, W1	
241	MSS CONSULT	F2	B1	W1	W1	W1	W1	
242	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
243	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
244	EXAM/CONSULT	F2	B1	W4	EW-1, W4	W4	W4	
245	TELE HEALTH	F3	B1	W1	W1	W1	W1	
246	TELE HEALTH	F3	B1	W1	W1	W1	W1	
247	MED ROOM	F2	B1	W1	W1	W1	W1	
248	ELEC	F2	B1	W3	W3	W3	W3	
249	STORAGE	F3	B1	W1	W1	W1	W1	
250	CONSULT	F3	B1	W1	W1	W1	W1	
251	OFFICE	F3	B1	W1	W1	W1	W1	
252	OFFICE	F3	B1	W1	W1	EW-1, W1	W1	
253	PROVIDER	F3	B1	W1	W1	EW-1, W1	EW-1, W1	
254	PROCEDURE	F2	B1	W1	W1	W1	EW-1, W1	
255	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
256	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
257	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
258	EXAM/CONSULT	F2	B1	W4	W4	W4	W4	
259	EXAM/CONSULT	F2	B1	W4	W4	EW-1, W4	W4	
260	FOSTER/ADOPTION	F3	B1	W1	EW-1, W1	EW-1, W1	W1	
261	STORAGE	F3	B1	W1	W1	W1	W1	
262	NUTRI/INFANT	F2	B1	W1	EW-1, W1	W1	W1	
263	LAB	F2	B1	W1	EW-1, W1	W1	W1	
264	PRE LAB	F3	B1	W1	EW-1, W1	W1	--	
265	HT/WT	F3	B1	W1	--	W1	--	
266	SPEC RR	F4, PT-2	B2	W2	W2	W1	W2	2
267	SPEC RR	F4, PT-2	B2	W2	W2	W2	W2	2
269	STORAGE	F3	B1	W1	W1	W1	W1	
271	MED ROOM	F2	B1	W1	EW-1, W1	W1	W1	
272	STORAGE	F3	B1	W1	W1	W1	W1	
273	PUBLIC RR	F4, PT-2	B2	W1	W1	W2	W2	2
299	NORTH STAIR	F4, F7, PT-1	B1	W1	W1	W1	W1	

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE T. HAYASHI STATE OF WASHINGTON

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BUILDING DEPARTMENT'S STAMP

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

PHASE
PERMIT SET

DATE
10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

1

SHEET TITLE
FINISH SCHEDULE

SHEET NO.
A2.70

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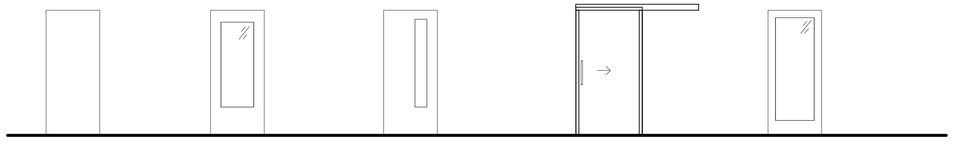
PRCTI20221698

Door Types



A
SINGLE FLUSH DOOR

B
SINGLE FLUSH DOOR
WITH VISION GLASS

C
SINGLE FLUSH DOOR
WITH VISION GLASS

D
BARN DOOR

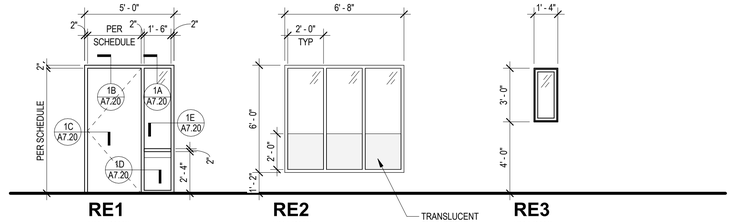
E
ALUMINUM STOREFRONT
SINGLE DOOR

AA
DOUBLE FLUSH DOORS

CC
DOUBLE FLUSH DOORS
WITH VISION GLASS

EE
ALUMINUM STOREFRONT
DOUBLE DOORS

Relite Types

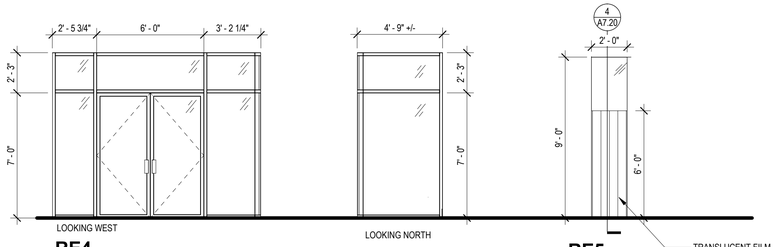


RE1
HM FRAME
GLAZING TYPE GL-1

RE2
HM FRAME
GLAZING TYPE GL-1

TRANSLUCENT FILM, REF LEGEND, TYP

RE3
HM FRAME
GLAZING TYPE GL-3



LOOKING WEST

RE4
INTERIOR ALUMINUM STOREFRONT FRAMING
ENTRY DOOR PER SCHEDULE
GLAZING TYPE GL-1

LOOKING NORTH

RE5
ALL GLASS PARTITION
GLAZING TYPE GL-2

TRANSLUCENT FILM, REF LEGEND, TYP

Glazing Types Legend

GL-1 (TYPICAL INTERIOR GLAZED OPENING):
CLEAR 1/4" GLASS, TEMPERED PER CODE

GL-2 (INTERIOR GLAZED PARTITION SYSTEM):
1/2" MININMUM CLEAR TEMPERED GLASS

GL-3 (INTERIOR X-RAY GLAZING):
1/2" MINIMUM CLEAR GLAZING, TEMPERED PER CODE

Glazing Film Legend

VINYL FILM TYPE A:
3M FASARA GLASS FINISHES, FROST/MAT SH2MACRI-I "MAT CRYSTAL-i"

VINYL FILM TYPE B:
3M FASARA GLASS FINISHES, STRIPE SH2CSFP 1270, "FUSION PEARL"

Door Schedule General Notes

1. WHERE MORE THAN ONE FINISH IS INDICATED, REFER TO PLANS, CEILING PLANS, AND INT. ELEVATIONS FOR MORE DETAIL.
2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SCHEDULED FINISHES.
3. ALL DOOR AND RELITE GLAZING SHALL BE SAFETY GLAZIN CONFORMING TO IBC SECTION 2406.
4. VERIFY ALL FRAME THROAT DIMENSIONS WITH PARTITION TYPES AND SCHEDULED FINISHES PRIOR TO FABRICATION.
5. SEE SPECIFICATIONS FOR DOOR HARDWARE SCHEDULE AND HARDWARE SET LISTS, REFER TO A2.71a FOR HARDWARE SCHEDULE. 1
6. HINGE SIDE OF DOOR SHALL BE 4" FROM ADJACENT WALL, UNO.
7. ALL EXTERIOR DOOR ASSEMBLIES SHALL HAVE A MAXIMUM U-VALUE OF _____

Door Schedule General Notes

1. REFER TO SPECIFICATIONS FOR HARDWARE GROUPS.
2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SCHEDULED FINISHES.
3. ALL DOOR AND RELITE GLAZING SHALL BE SAFETY GLAZING CONFORMING TO IBC SECTION 2406.
4. VERIFY ALL FRAME THROAT DIMENSIONS WITH PARTITION TYPES AND SCHEDULED FINISHES PRIOR TO FABRICATION.
5. HINGE SIDE OF DOOR SHALL BE 4" FROM ADJACENT WALL, UNO.
6. INTERIOR DOORS SHALL REQUIRE A MINIMUM 5 POUND OPENING FORCE PER ADA.
7. DOOR THRESHOLD TRANSITIONS SHALL BE A MAXIMUM OF 1/2" TALL PER ADA.
8. PROVIDE DOOR SILENCERS ON ALL INTERIOR DOORS.

Door Schedule Legend

MATERIALS/FINISHES

AL	ALUMINUM / ALUMINUM STOREFRONT
(E)	EXISTING
FF	FACTORY FINISH
GALV	HOT DIPPED GALVANIZED
GL	GLAZING, GLASS
HM	HOLLOW METAL
PNT	PAINT, REF FINISH COLOR SCHED
STL	STEEL
V	CLEAR VARNISH
WD	WOOD

Door Schedule Key Notes

1. EXISTING DOOR FRAME AND PANEL TO REMAIN. CLEAN AND PREP PRIOR TO FINISHING PER SCHED.
2. EXISTING DOOR FRAME TO REMAIN, PAINT HALLWAY AND ROOM SIDE. REPLACE DOOR PANEL. CLEAN AND PREP PRIOR TO FINISHING PER SCHED.
3. EXISTING DOOR OPENING IS NO LONGER RATED.
4. REPLACE CYLINDER, TO BE KEYED FOR FD ACCESS.
5. 6' - 8" MIN DOOR HEIGHT, FIELD VERIFY
6. PROVIDE PANIC HARDWARE EXIT DEVICE
7. PROVIDE ACCESS CONTROL CONTACT
8. PROVIDE DOOR OPERATOR SYSTEM
9. PROVIDE EXIT ONLY HARDWARE
10. PROVIDE LATCH WITH VACANCY INDICATOR
11. PROVIDE COAT HOOK ON ROOM SIDE OF DOOR
12. REMOTE ACCESS CONTROL
13. INSULATED DOOR ASSEMBLY
14. PROVIDE SLIDING DOOR HARDWARE W/ SOFT CLOSE& ACCUSTIC SEAL

Door Schedule

OPENING #	DOOR PANEL	WIDTH	HEIGHT	DOOR MATERIAL	DOOR FINISH	RELITE	FRAME MATERIAL	FRAME FINISH	HEAD DETAIL	JAMB DETAIL	THRESHOLD DETAIL	Fire Rating	KEY NOTES	OVT Hardware Set
(E)099	(E)	3' - 0"	7' - 0"	(E)	PNT	--	(E)	PNT	(E)	(E)			1	00
(E)100	(E)	6' - 0"	7' - 0"	(E)	(E)		(E)	(E)	(E)	(E)			1	00
(E)126	(E)	3' - 0"	7' - 0"	(E)	PNT	--	(E)	PNT	(E)	(E)			1	00
(E)139	(E)	3' - 0"	7' - 0"	(E)	PNT	--	(E)	PNT	(E)	(E)			1	00
002A	A	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		04B
003A	A	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT	1/A7.20	1/A7.20			6	02A
004A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				10A
100A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			6, 7, 12	07
100B	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			6, 7, 12	17
100C	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			6	02A
100D	EE	6' - 0"	7' - 0"	AL	FF	RE4	AL	FF	1/A7.20	1/A7.20			6,7,8	01
102A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			7	07B
102B	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			7	07A
103A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04A
104A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
105A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
106A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
107A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
108A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
109A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05A
110A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			7	07
113A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
114A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
114B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
115A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
115B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
116A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
116B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
117A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			7	07
118A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
118B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
119A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
119B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
120A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
120B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
121A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06
122A	BB	3' - 4 1/2"	7' - 0"	WD	V		HM	PNT	1/A7.20	1/A7.20				14A
123A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			7	07
124A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				16
125A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				16
126A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03A
127A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06
128A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
129A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
130A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
131A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
132A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
133A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06
134A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				10
135A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
137A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
138A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
139A	A	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		04
140A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06
141A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
142A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
145A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
147A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
149A	A	3' - 0"	6' - 8"	WD	V	--	HM	PNT	3/A7.20	3/A7.20				23
149B	A	3' - 0"	6' - 8"	WD	V	--	HM	PNT	3/A7.20	3/A7.20				23
150A	Y	6' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				15
150B	Y	6' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				15
199A	C	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT	14/A6.11	14/A6.11			6, 7, 13	21
199B	A	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT	14/A6.11	14/A6.11		3/4 HOUR	6, 7	19
200A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			6, 7, 12	18
200B	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20			6, 7, 12	18A
202A	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03A
202B	B	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03A
203A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06A
204A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				06A
206A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				03A
207A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03
208A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
208B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
209A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
209B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
210A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
210B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
211A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
211B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
212A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
212B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
213A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
213B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
214A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
215A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
216A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				07
217A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04A
218A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
219A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
220A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03
221A	B	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		06
222A	B	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		06
223A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
223B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
224A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
224B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
225A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
225B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
226A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
226B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
227A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
227B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
228A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
228B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
229A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
229B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
230A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
231A	A	3' - 4"	7' - 0"	WD	V	--	HM	PNT	3/A7.20	3/A7.20				23
232B	A	3' - 4"	7' - 0"	WD	V	--	PNT	PNT	3/A7.20	3/A7.20				23
233A	AA	6' - 0"	7' - 0"	WD	V		HM	PNT						15
234A	AA	6' - 0"	7' - 0"	WD	V		HM	PNT						15
236A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				10
237A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
237B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
238A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
238B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
239A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
239B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
240A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03
241A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
241B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
242A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
242B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
243A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
243B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
244A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
244B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
245A	B	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		06
246A	B	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20		3/4 HOUR		06
250A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
251A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				06
252A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				06
253A	A	3' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				03
254A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14
254B	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
255A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
255B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
256A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
256B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
257A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
257B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
258A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
258B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
259A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				14A
259B	D	3' - 4 1/2"	7' - 0"	WD	V	--	AL	FF	MFR	MFR			14	15
260A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				03
261A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
262A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				06
266A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
267A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
270A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20				04
271A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			7	07
272A	AA	6' - 0"	7' - 0"	WD	V	RE1	HM	PNT	1/A7.20	1/A7.20				22
273A	A	3' - 0"	7' - 0"	WD	V	--	HM	PNT	1/A7.20	1/A7.20			10, 11	05
298A	B	3' - 0"	7' - 0"	HM	PNT	--	HM	PNT				3/4 HOUR	6, 7, 13	21

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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

PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE

DOOR & RELITE TYPES, DOOR SCHEDULE

SHEET NO.

A2.71

© MILLER HAYASHI ARCHITECTS

2213

PRCTI20221698

CHC Puyallup
2213
Puyallup, WA

1/6/2023

HW SET: 00A

1			HARDWARE BY DOOR / FRAME MANUFACTURER			

HW SET: 01

2	EA	PIVOT SET	7226 SET	626		IVE
2	EA	INTERMEDIATE PIVOT	7226 INT	626		IVE
2	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	ELEC PANIC HARDWARE	MEL-24-C-C-718	626	✓	FAL
1	EA	ELEC PANIC HARDWARE	MEL-24-C-EO	626	✓	FAL
1	EA	MORTISE CYLINDER	C987 012667-013	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
2	EA	90 DEG OFFSET PULL	8190EZHD 12" O	630-316		IVE
1	EA	CLOSER W/ STOP ARM	SC81A SS X SC80-61 X SC80-30	689		FAL
1	EA	SURF. AUTO OPERATOR	9542 DD MS	ANCLR	✓	LCN
1	EA	ACTUATOR, TOUCHLESS	8310-810RA	630	✓	LCN
1	EA	ACTUATOR, TOUCHLESS	8310-810SA	630	✓	LCN
2	EA	DOOR SWEEP	8198AA	AA		ZER
1	EA	THRESHOLD	545A	A		ZER
1	EA	POWER SUPPLY	PS902 900-2RS	LGR	✓	SCE
1			CARD READER - WORK OF DIVISION 28			
			WEATHERSTRIP BY DOOR/FRAME MFR			

DOORS NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY UNLOCK DOORS AND ENABLE OUTSIDE ACTUATOR. WHEN DOORS TO BE UNLOCKED, ACCESS CONTROL WILL MAKE DOORS PUSH/PULL AND ENABLE OUTSIDE ACTUATOR. INSIDE ACTUATOR ALWAYS ENABLED. ACTUATORS WILL AUTOMATICALLY OPEN ACTIVE LEAF. DOORS WILL REMAIN LOCKED AND AUTOMATIC OPERATOR WILL DISABLE ON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 02

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	PANIC HARDWARE	LD-25-R-NL	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

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HW SET: 02A

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	PANIC HARDWARE	LD-25-R-NL	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A HDPA	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 02F

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	FIRE EXIT HARDWARE	F-25-R-NL	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 03

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	CLASSROOM LOCK	T561H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 03A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	CLASSROOM LOCK	T561H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	GASKETING	488SBK PSA	BK		ZER

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1/6/2023

HW SET: 04

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 04A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	SURFACE CLOSER	SC81A REG X SC80-18	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
3	EA	SILENCER	SR64	GRY		IVE

HW SET: 04B

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 04BW

3	EA	HW HINGE	5BB1HW 5 X 4.5 NRP	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

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HW SET: 05

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	RESTROOM INDICATOR LOCK	MA571H OCCUPIED/VACANT DGM	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	COAT AND HAT HOOK	572	626		IVE

HW SET: 05A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	RESTROOM INDICATOR LOCK	MA571H OCCUPIED/VACANT DGM	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	COAT AND HAT HOOK	572	626		IVE

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE, UNLOCKING DOOR. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 06

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	ENTRY / OFFICE LOCK	T511H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	COAT AND HAT HOOK	572	626		IVE

HW SET: 06A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	ENTRY / OFFICE LOCK	T511H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	COAT AND HAT HOOK	572	626		IVE

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HW SET: 07

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	ELECTRIC STRIKE	6400 FSE	630	✓	VON
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE, UNLOCKING DOOR. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 07A

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	ELECTRIC STRIKE	6400 FSE	630	✓	VON
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE, UNLOCKING DOOR. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

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HW SET: 07B

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	ELECTRIC STRIKE	6400 FSE	630	✓	VON
1	EA	SURFACE CLOSER	SC81A HDPA	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE, UNLOCKING DOOR. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 07C

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	ELECTRIC STRIKE	6400 FSE	630	✓	VON
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	COAT AND HAT HOOK	572	626		IVE
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE, UNLOCKING DOOR. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

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HW SET: 08

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	PANIC HARDWARE	25-R-L-DANE	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 09A

6	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
2	EA	ROLLER LATCH	RL30A	626		IVE
2	EA	SINGLE DUMMY TRIM	T12 DAN	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	WALL STOP	WS406/407CCV	626		IVE
2	EA	SILENCER	SR64	GRY		IVE

HW SET: 09T

8	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
2	EA	ROLLER LATCH	RL30A	626		IVE
2	EA	SINGLE DUMMY TRIM	T12 DAN	626		FAL
2	EA	OH STOP	450S	689		GLY
2	EA	SILENCER	SR64	GRY		IVE

HW SET: 10

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	MOP PLATE	8400 6" X 1" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 10A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

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HW SET: 11

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630		IVE
1	EA	FIRE EXIT HARDWARE	F-25-R-NL	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A HDPA	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	RAIN DRIP	142AA	AA		ZER
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	DOOR SWEEP	8198AA	AA		ZER
1	EA	THRESHOLD	655A	A		ZER

HW SET: 12

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	SET	AUTO FLUSH BOLT	FB31P	630		IVE
1	EA	DUST PROOF STRIKE	DP2	626		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	COORDINATOR	COR X FL	628		IVE
2	EA	OH STOP	100S	630		GLY
2	EA	SURFACE CLOSER	SC81A REG X SC80-18	689		FAL
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
2	EA	DOOR SWEEP	39A	A		ZER
1	EA	ASTRAGAL	47A	A		ZER
1	EA	THRESHOLD	655A	A		ZER

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HW SET: 13

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	PANIC HARDWARE	LD-25-V-L-DT-LBR-DANE	626		FAL
1	EA	ELEC PANIC HARDWARE	LD-FSE-25-V-L-LBR-DANE 24 VDC	626	✓	FAL
1	EA	SFIC CYLINDER	C953-7CCA	626/BLK		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A HDPA	689		FAL
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOORS NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY UNLOCK ACTIVE LEAF. DOORS WILL REMAIN LOCKED ON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 14

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	PASSAGE SET	T101 DAN	626		FAL
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 14A

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	PASSAGE SET	T101 DAN	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 15

1	EA	SLIDING DOOR SYSTEM	EXAMSLIDE SYSTEM , SECTION 08 34 00			ADS

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HW SET: 16

3	EA	HINGE	5BB1 4.5 X 4.5	652		IVE
1	EA	PUSH PLATE	8200 4" X 16"	630		IVE
1	EA	PULL PLATE	8303 10" 4" X 16" G	630		IVE
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	MOP PLATE	8400 6" X 1" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER

HW SET: 17

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	ELEC PANIC HARDWARE	LD-FSE-25-R-L-DANE 24 VDC	626	✓	FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A HDPA	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY UNLOCK OUTSIDE LEVER. DOOR WILL REMAIN LOCKED ON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

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HW SET: 18

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	ELEC PANIC HARDWARE	LD-FSA-25-R-L-DANE 24 VDC	626	✓	FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. OUTSIDE LEVER ELECTRICALLY LOCKED CONTINUOUSLY, TO UNLOCK UPON SIGNAL FROM FIRE ALARM OR LOSS OF POWER. ENTRY BY CARD. FREE EGRESS AT ALL TIMES.

HW SET: 18A

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	ELEC PANIC HARDWARE	LD-FSA-25-R-L-DANE 24 VDC	626	✓	FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	OH STOP	100S	630		GLY
1	EA	SURFACE CLOSER	SC81A REG X SC80-18	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. OUTSIDE LEVER ELECTRICALLY LOCKED CONTINUOUSLY, TO UNLOCK UPON SIGNAL FROM FIRE ALARM OR LOSS OF POWER. ENTRY BY CARD. FREE EGRESS AT ALL TIMES.

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HW SET: 19

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	630		IVE
1	EA	PANIC HARDWARE	LD-25-R-NL	626		FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	ELECTRIC STRIKE	6111 FSE	630	✓	VON
1	EA	CLOSER W/ STOP ARM	SC81A SS	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	DOOR SWEEP	8198AA	AA		ZER
1	EA	THRESHOLD	655A	A		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. VALID CREDENTIAL WILL MOMENTARILY RELEASE ELECTRIC STRIKE. DOOR WILL REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

HW SET: 20 - NOT USED

HW SET: 21

3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	POWER TRANSFER	EPT10	689	✓	VON
1	EA	ELEC PANIC HARDWARE	LD-FSA-25-R-L-DANE 24 VDC	626	✓	FAL
1	EA	MORTISE CYLINDER	C987-7CCA	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
1	EA	SURFACE CLOSER	SC81A REG	689		FAL
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630		IVE
1	EA	WALL STOP	WS406/407CCV	626		IVE
1	EA	GASKETING	488SBK PSA	BK		ZER
1	EA	DOOR SWEEP	39A	A		ZER
1	EA	THRESHOLD	545A	A		ZER
1			CARD READER - WORK OF DIVISION 28			
1			POWER SUPPLY - WORK OF DIVISION 28			

DOOR NORMALLY CLOSED AND LOCKED. OUTSIDE LEVER ELECTRICALLY LOCKED CONTINUOUSLY, TO UNLOCK UPON SIGNAL FROM FIRE ALARM OR LOSS OF POWER. ENTRY BY CARD. FREE EGRESS AT ALL TIMES.

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HW SET: 22

6	EA	HINGE	5BB1 4.5 X 4.5 NRP	652		IVE
1	EA	CONST LATCHING BOLT	FB61T	630		IVE
1	EA	STOREROOM LOCK	T581H7 DAN	626		FAL
1	EA	SFIC CONSTRUCTION CORE	C607	626		FAL
2	EA	OH STOP	100S	630		GLY
2	EA	SILENCER	SR64	GRY		IVE

HW SET: 23

1	EA	POCKET DOOR ASSEMBLY	CC-HD-2X6	AL		KNC
1	EA	POCKET DOOR LOCK	SL9122PDL	626		ACC
1	EA	MORTISE CYLINDER	986 A20069-000	626		FAL
1	EA	DOOR PULL, 1" ROUND	PR 8103EZHD 12" N	630-316		IVE

END OF SECTION

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222
REGISTERED ARCHITECT
BRUCE A. HAYASHI
STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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

PHASE

PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

1

SHEET TITLE

DOOR HARDWARE SCHEDULE

SHEET NO.

A2.71a

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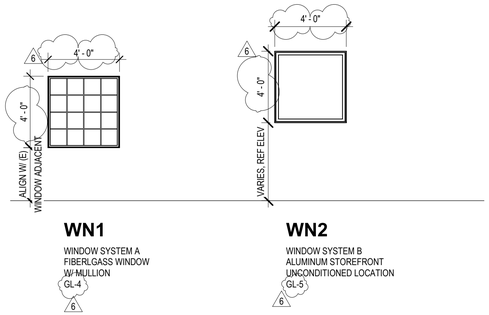
WINDOW TYPES



WN1
WINDOW SYSTEM A
FIBERLGASS WINDOW
W/ MULLION
GL-4
6

WN2
WINDOW SYSTEM B
ALUMINUM STOREFRONT
UNCONDITIONED LOCATION
GL-5
6

Window Types General Notes

1. PROVIDE SAFTEY/TEMPERED GLAZING WHERE REQUIRED BY IBC SECTION 2406.
2. PROVIDE STRENGTH OF GLAZING AS REQUIRED BY IBC CHAPTER 24 AND SPECIFCATIONS.
3. ALL WINDOWS TO BE NFRC CERTIFIED. SUBMITS NFRC CERTIFICATES PER SEATTLE ENEGRY CODE REQUIREMENTS.
4. PROVIDE SEALANT AND BACKING AT ALL OPENINGS.
5. ALL WINDOWS ARE SHOWN FROM THE EXTERIOR UNLESS OTHERWISE NOTED.
6. DIMENSIONS GIVEN ARE ROUGH OPENING AND/OR MASONRY OPENING. FIELD VERIFY ALL OPENINGS.
7. COORDINATE ALL DOORS IN STOREFRONT ASSEMBLIES.
8. REFER TO EXTERIOR ELEVATIONS FOR WINDOW CALLOUTS
9. FOR ALL OPERABLE WINDOWS, PROVIDE 4" LIMITER AND SCREEN.

Window Types Legend

WINDOW SYSTEM A:
BASIS OF DESIGN: KOLBE WINDOWS FORGENT SERIES FIBERGLASS WINDOW
MAX U-FACTOR, WOOD FRAMING, FIXED = 0.32
MAX SHGC, NORTH FACING = 0.53

6 WINDOW SYSTEM B: 45 MIN FIRE RATED (UNCONDITIONED)
BASIS OF DESIGN: SAFTIFIRST GPX ARCHITECTURAL SERIES OPENING, 45 MIN OR EQUAL

Glazing Types Legend

PROVIDE SAFETY GLAZING AT ALL GLAZING TYPES AS REQUIRED BY IBC SECTION 2406.4.1, AND WITHIN 24" OF DOOR JAMB AND SILL WHERE LESS THAN 60" ABOVE FLOOR.

6 GL-2 (TYPICAL INTERIOR GLASS PANEL
1/2" LAMINATED GLASS

GL-3 (TYPICAL RECEPTION DIVIDER)
3/8" RESIN PANEL
3-FORM, FRAY, PEARL

6 GL-4 (TYPICAL EXTERIOR)
CLEAR 1" INSULATED LOW-E UNITS
SOLARBAN-70 W/ THERMAL SPACERS
U-VALUE = 0.31 MAX; SHGC = 0.27 MAX; VLT = 64%

6 GL-5 (TYPICAL EXTERIOR 45 MIN RATED OPENING)
SAFTIFIRST, SUPER LITE II XL 45 MIN , OR EQUAL

Engery Code Glazing Calculations

NORTH STAIR ENCLOSURE NOT COUNTED IN CALCULATIONS, UNCONDITIONED

VERTICAL FENESTRATION AREA CALCULATION:
C402.4.1 MAXIMUM VERTICAL FENESTRATION-TO-WALL RATIO = 30%

PROPOSED:
TOTAL VERTICAL FENESTRATION (NEW) = 12 SF
TOTAL VERTICAL FENESTRATION (EXSTG) = 2,370 SF
TOTAL VERTICAL FENESTRATION COMBINED = 2,382 SF

NET EXTERIOR ABOVE GRADE WALL AREA (NEW) = 42 SF
NET EXTERIOR ABOVE GRADE WALL AREA (EXSTG)= 9,612 SF
TOTAL NET EXTERIOR WALL AREA = 9,654 SF

VERTICAL FENESTRATION-TO-WALL RATIO (WWR) = 24.6% PROPOSED

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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

PHASE
PERMIT SET

DATE
10/27/2022

REVISIONS

No.	Description	Date
6	PERMIT CORRECTIONS #3	4/13/23

SHEET TITLE
WINDOW, LOUVER & SKYLIGHT TYPES

SHEET NO.
A2.72

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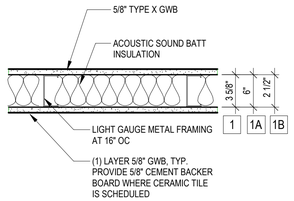
PARTITION TYPES

NOTES:
1. EXTEND FRAMING AND GWB TO FLOOR/ROOF DECK ABOVE WITH COMPENSATION CHANNEL AT TOP. NOTCH GWB AROUND JOISTS WHERE EXPOSED TO STRUCTURE.

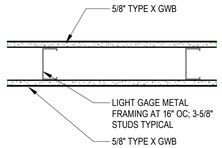
2. PENETRATIONS FOR ELECTRICAL OUTLETS, ETC. SHALL BE OFFSET 1 STUD SPACE MIN.

3. CAULK ALONG BOTH SIDES OF PERIMETER W/ NON-HARDENING SILICONE MASTIC.

4. CONTINUOUS ACOUSTICAL SEALANT JOINT AT FLOOR WUNDER TRACK, TYP.



1 Partition Type: Typical
1-1/2" = 1'-0"



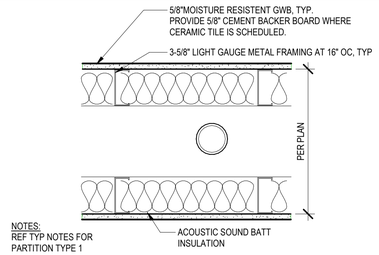
NOTES:
REF TYP NOTES FOR PARTITION TYPE 1

2 Partition Type: Partial Height
1-1/2" = 1'-0"

1

NOT USED

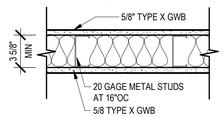
3 Partition Type: Shaft Enclosure*
1-1/2" = 1'-0"



NOTES:
REF TYP NOTES FOR PARTITION TYPE 1

4 Partition Type: Chase, Typical
1-1/2" = 1'-0"

*PER GA-600 FILE NO. WP 1072
FASTEN GWB TO STUDS WITH 1" TYPE 'S' DRYWALL SCREWS 8" OC AT VERTICAL JOINTS AND 12" OC AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS; STAGGER JOINTS 24" ON EACH SIDE AND ON OPPOSITE SIDES.



5A PROVIDE 6" MTL STUD IN LIEU OF 3-5/8" MTL STUD

NOTES:
REF TYP NOTES FOR PARTITION TYPE 1

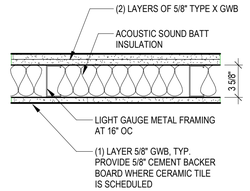
5 Partition Type: 1-Hour Fire Resistant
1-1/2" = 1'-0"

NOTES:
1. EXTEND FRAMING AND GWB TO FLOOR/ROOF DECK ABOVE WITH COMPENSATION CHANNEL AT TOP. NOTCH GWB AROUND JOISTS WHERE PRESENT.

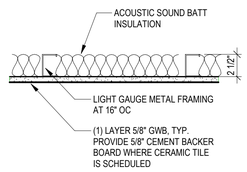
2. PENETRATIONS FOR ELECTRICAL OUTLETS, ETC. SHALL BE OFFSET 1 STUD SPACE MIN.

3. CAULK ALONG ALL SIDES OF PERIMETER W/ NON-HARDENING SILICONE MASTIC.

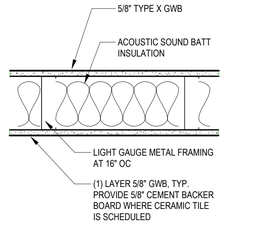
4. CONTINUOUS ACOUSTICAL SEALANT JOINT AT FLOOR WUNDER TRACK, TYP.



6 Partition Type: Acoustical
1-1/2" = 1'-0"



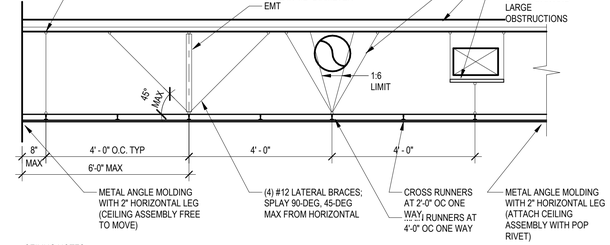
7 Partition Type: Typical One Sided
1-1/2" = 1'-0"



8 Partition Type: Shearwall
1-1/2" = 1'-0"

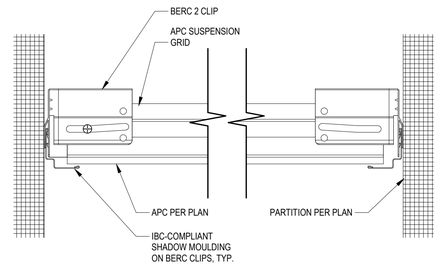
Partition General Notes:

1
1. ALL PARTITIONS TO BE TYPE 1 UNLESS INDICATED OTHERWISE.
2. WALL TYPE DESIGNATIONS ARE MADE ON THE A2.01a AND A2.01b DIMENSION & PARTITION PLANS
4. NOT USED
NOT USED
5. ALL GYPSUM BOARD TO BE TYPE X, EXCEPT WEATHER- RESISTENT GYPSUM BOARD TO BE USED ON WET SIDE OF PARTITIONS AT KITCHENETTE & RESTROOMS.
6. ALL PARTITION TYPES TO EXTEND TO FLOOR/ROOF DECK ABOVE, UNO
7. PER IBC 703.6 RATED PARTITIONS ARE REQUIRED TO BE PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING. SIGNAGE OR STENCILING TO BE:
A. LOCATED IN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING SPACE
B. REPEATED EVERY 30 FEET
C. LETTERING TO BE AT LEAST 1/2" TALL
D. SUGGESTED WORDING "FIRE AND/OR SMOKE BARRIER - PROTECT ALL OPENINGS"

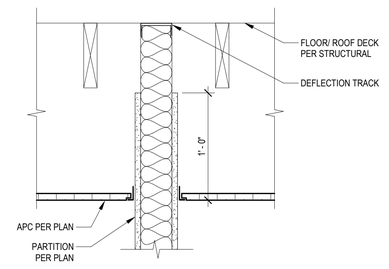


CEILING NOTES:
1. INSTALL PER IBC 2018 SECTION 808
2. SUSPEND LIGHT FIXTURES BY INDEPENDENT WIRE SYSTEM
3. WHERE WIRE HANGERS ARE NOT PRACTICAL, IT IS ACCEPTABLE TO SUBSTITUTE BRACED CHANNEL STRUTS PER ASTM STANDARD C754

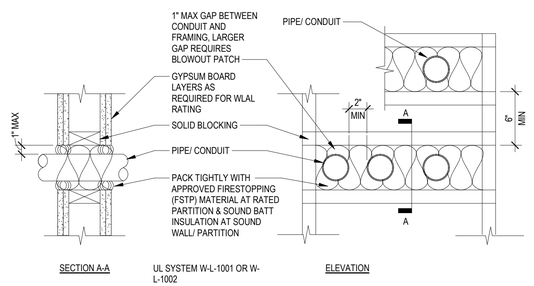
1 Typical Detail at APC Lateral Bracing
1/2" = 1'-0"



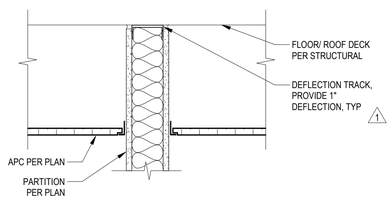
2 Typical Perimeter at Suspended Ceiling
6" = 1'-0"



3 Typical Partition at Suspended Ceiling
1 1/2" = 1'-0"

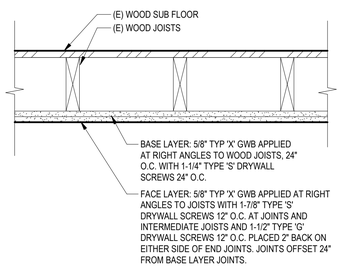


4 Typ Detail at Pipe or Conduit Penetration of Fire Rated Wall
1 1/2" = 1'-0"



5 Typical Partition (Full Height) at Suspended Ceiling
1 1/2" = 1'-0"

PER GA FILE NO. FC 5406



6 1-HR Rated Ceiling Enclosure
1 1/2" = 1'-0"

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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DATE
10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22
2	PERMIT CORRECTIONS #2	1/31/23

SHEET TITLE
PARTITION TYPES & TYPICAL ASSEMBLIES

SHEET NO.
A2.73

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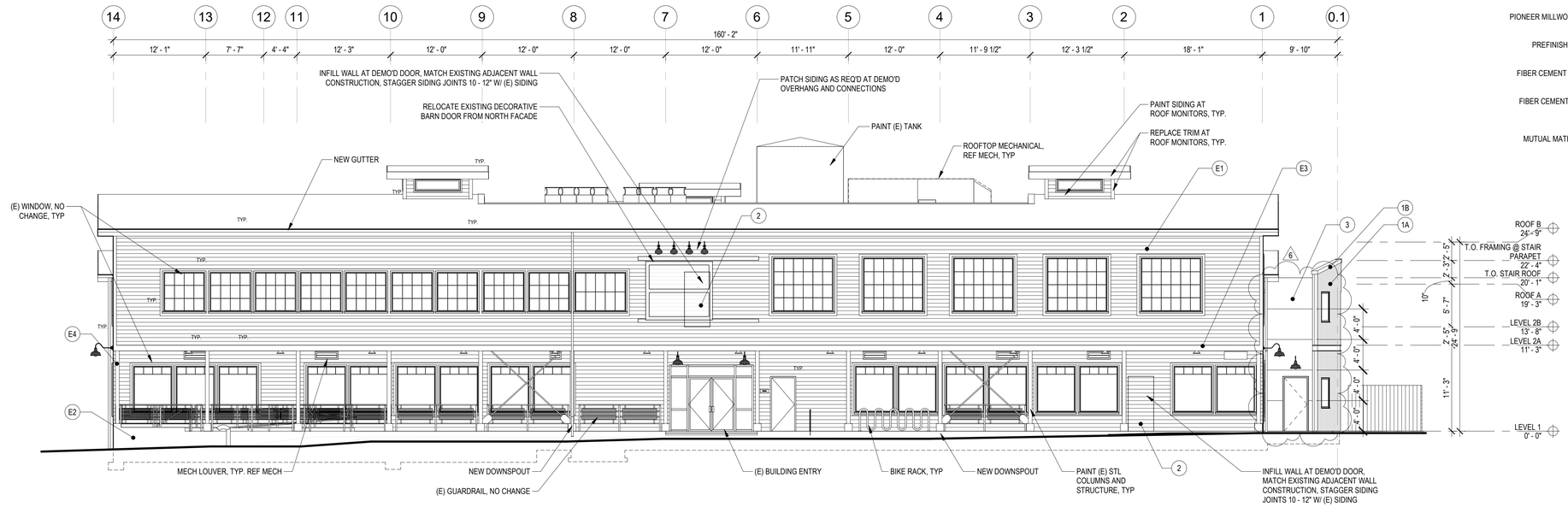
PRCTI20221698

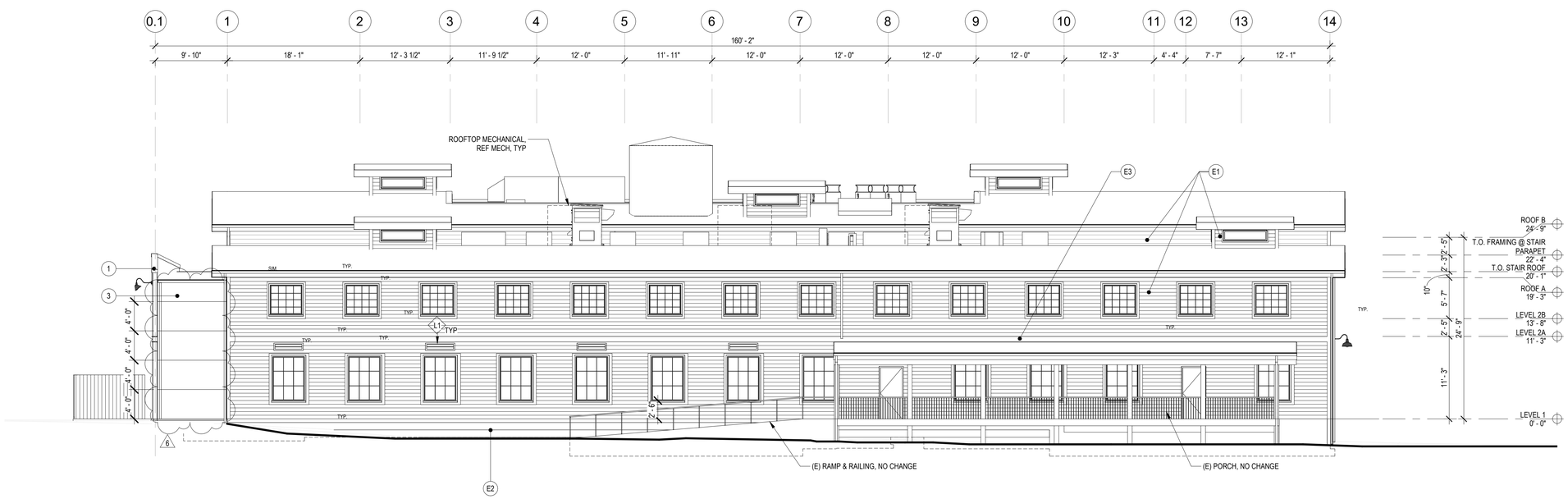
Exterior Materials Legend

- EXISTING FIBER CEMENT SIDING, TYP NEW PAINT — E1
- EXISTING CONCRETE, NEW WATER AND GRAFFITI REPELLENT — E2
- EXISTING WOOD TRIM, TYP NEW PAINT — E3
- EXISTING STEEL STRUCTURE, TYP NEW PAINT — E4
- VERTICAL WOOD SIDING PIONEER MILLWORKS, LARCH SHIPLAP "NICKEL-GAP" SIDING, FINISH: FOSSIL, 5" FACE — 1A
- PREFINISHED SHEET METAL FLASHING PANEL, MATCH ADJACENT METAL SIDING, TYP — 1B
- FIBER CEMENT BOARD LAP SIDING, PROFILE TO MATCH (E) SIDING, PAINT — 2
- FIBER CEMENT BOARD PANEL SIDING, HIDDEN FASTENER, PAINT — 3
- CMU BLOCK MUTUAL MATERIALS, GROUND FACE, COLOR: CHARCOAL — 4
- EXISTING LOUVER TO REMAIN — LE
- LOUVER TYPE, REF A2.72 FOR LOUVER TYPES — L#
- WINDOW / ENTRANCE TYPE, REF A2.72 FOR WINDOW TYPES — W#



1 East Elevation

1/8" = 1'-0"



2 West Elevation

1/8" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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DATE

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REVISIONS

No.	Description	Date
3	GMP ADDENDUM 1	2/24/23
6	PERMIT CORRECTIONS #3	4/13/23

SHEET TITLE

BUILDING ELEVATIONS

SHEET NO.

A3.00

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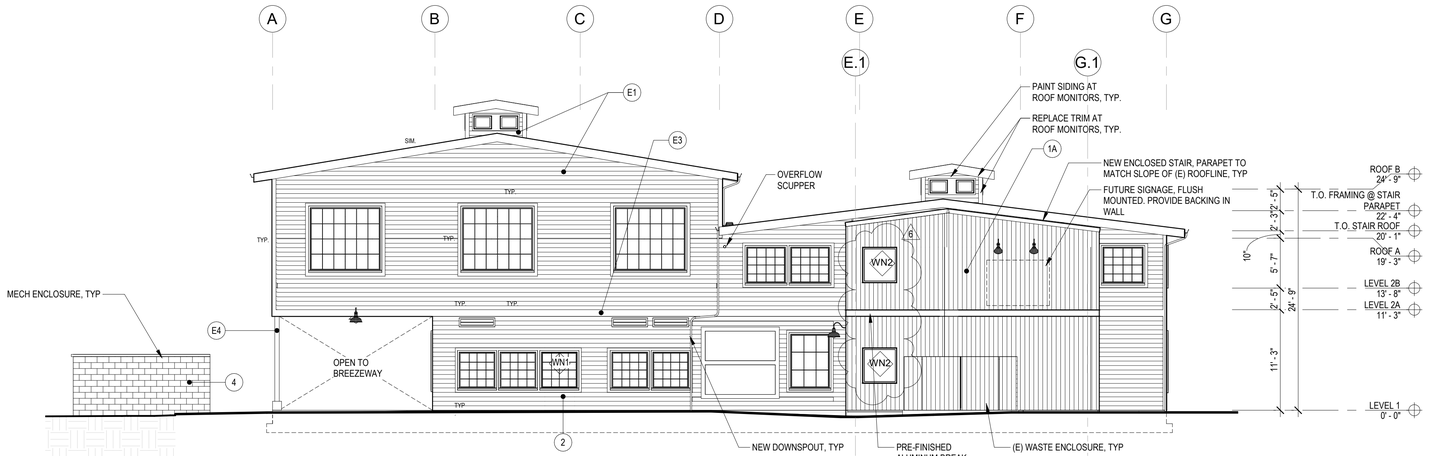
PRCTI20221698

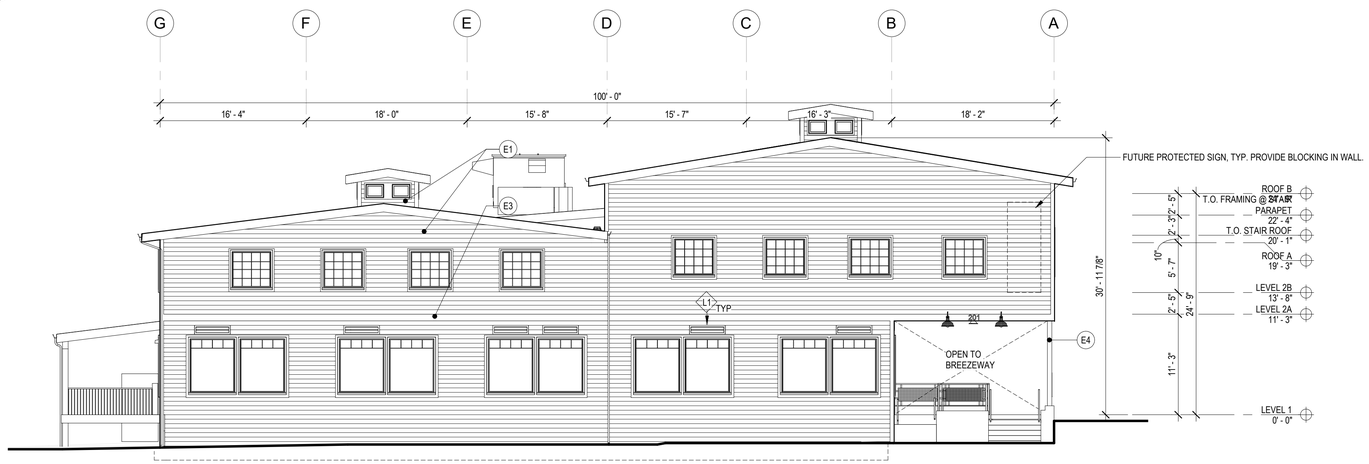
Exterior Materials Legend

EXISTING FIBER CEMENT SIDING, TYP NEW PAINT	E1
EXISTING CONCRETE, NEW WATER AND GRAFFITI REPELLENT	E2
EXISTING WOOD TRIM, TYP NEW PAINT	E3
EXISTING STEEL STRUCTURE, TYP NEW PAINT	E4
VERTICAL WOOD SIDING PIONEER MILLWORKS, LARCH SHIPLAP "NICKEL-GAP" SIDING, FINISH: FOSSIL, 5" FACE	1A
PREFINISHED SHEET METAL FLASHING PANEL, MATCH ADJACENT METAL SIDING, TYP	1B
FIBER CEMENT BOARD LAP SIDING, PROFILE TO MATCH (E) SIDING, PAINT	2
FIBER CEMENT BOARD PANEL SIDING, HIDDEN FASTENER, PAINT	3
CMU BLOCK MUTUAL MATERIALS, GROUND FACE, COLOR: CHARCOAL	4
EXISTING LOUVER TO REMAIN	LE
LOUVER TYPE, REF A2.72 FOR LOUVER TYPES	L#
WINDOW / ENTRANCE TYPE, REF A2.72 FOR WINDOW TYPES	W#



1 North Elevation

1/8" = 1'-0"



2 South Elevation

1/8" = 1'-0"

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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No.	Description	Date
3	GMP ADDENDUM 1	2/24/23
4	GMP ADDENDUM 2	3/8/23
6	PERMIT CORRECTIONS #3	4/13/23

SHEET TITLE

BUILDING ELEVATIONS

SHEET NO.

A3.01

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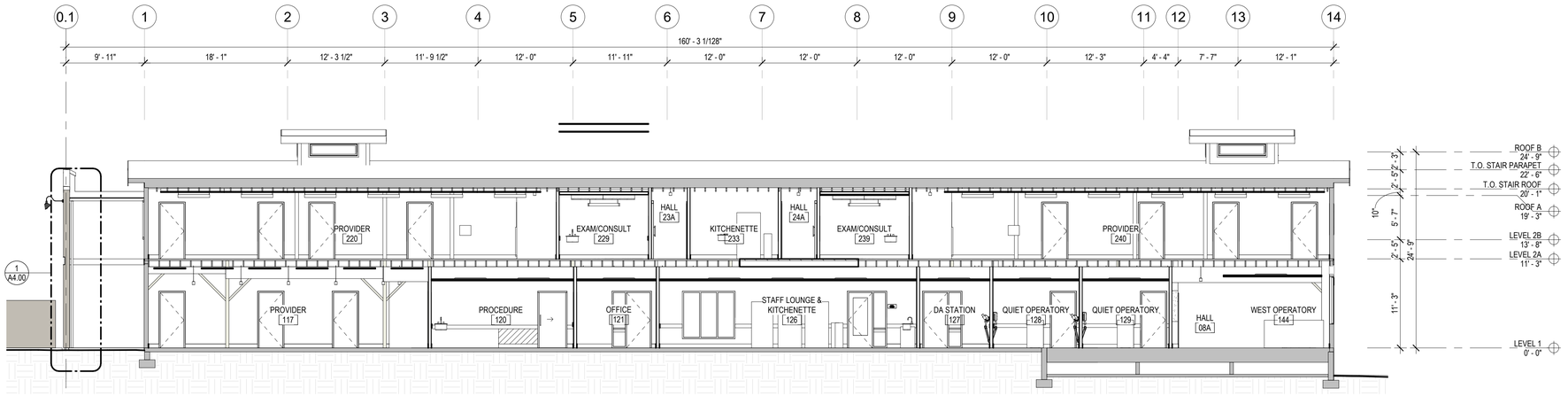
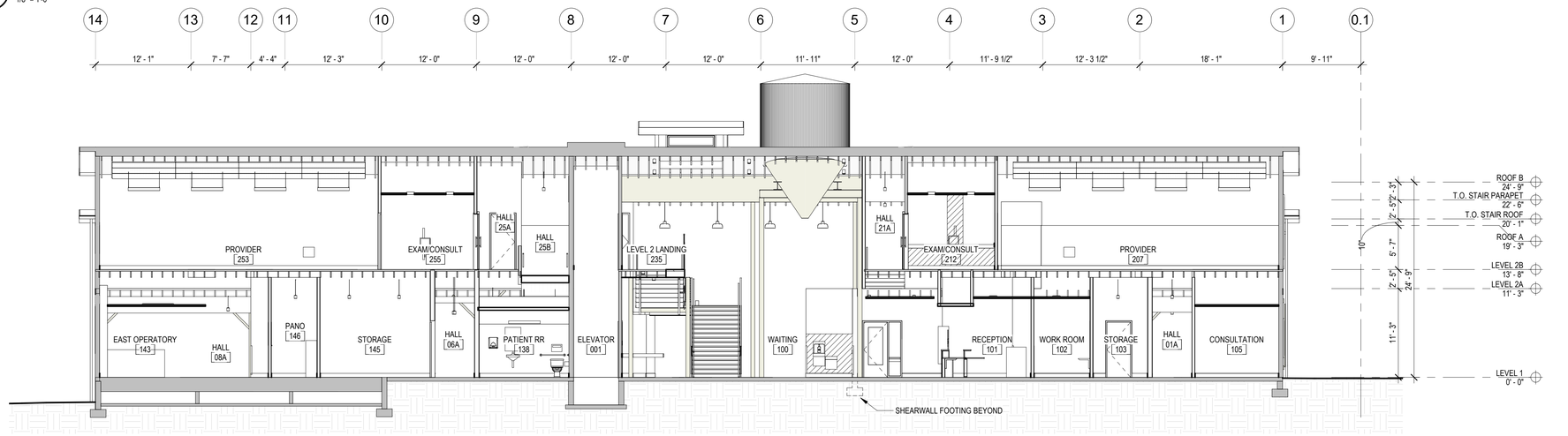


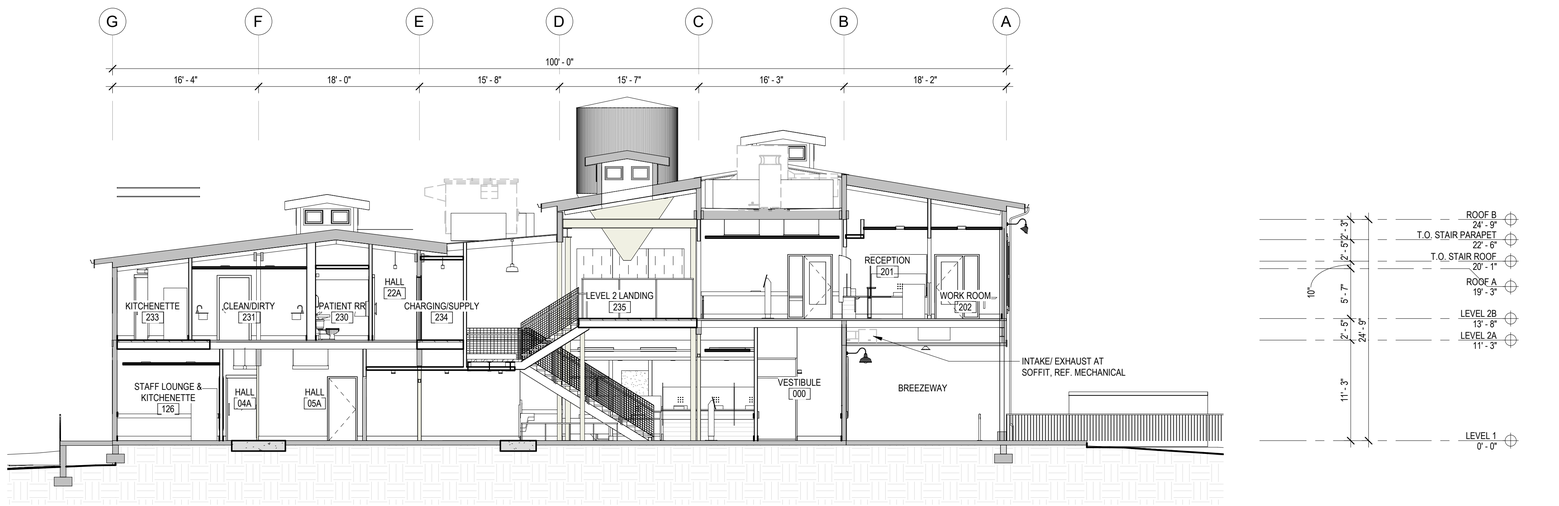
1 Section at Lower L2

1/8" = 1'-0"



2 Section at Upper L2

1/8" = 1'-0"



3 Cross Section

1/8" = 1'-0"

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A3.10

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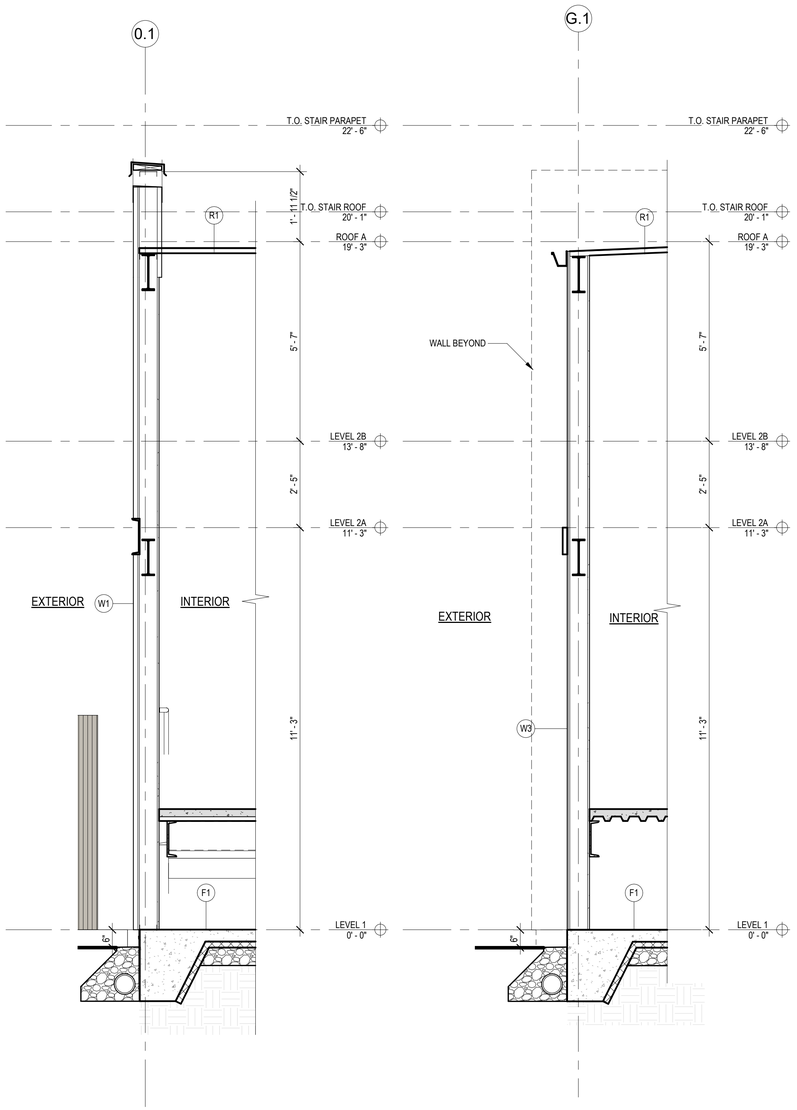
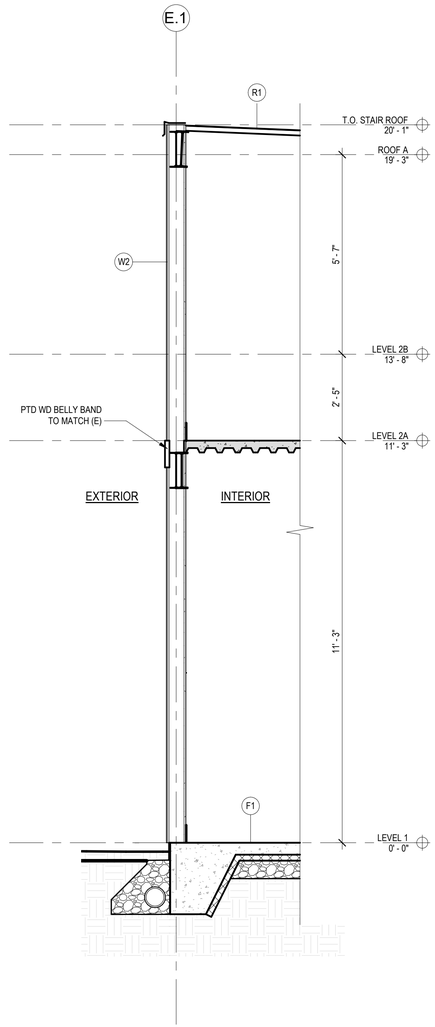


1 **North Stair - North Wall**
1/2" = 1'-0"

2 **North Stair - West Wall**
1/2" = 1'-0"



4 **North Stair - East Wall**
1/2" = 1'-0"

Wall Section Assemblies & Key Notes

R1 **THERMOPLASTIC ROOF ASSEMBLY**
THERMOPLASTIC ROOFING MEMBRANE OVER
COVERBOARD OVER
DECKING AND FRAMING REF STRUCTURAL
CEILING FINISH PER RCP

W1 **CEDAR T&G SIDING AT FRAMED WALL**
5/4" T&G BEVELED SIDING OVER
AIR & WEATHER RESISTIVE BARRIER (TYPE 1) OVER
SHEATHING PER STRUCTURAL OVER
6" COLD-FORMED METAL FRAMING @ 16' OC OVER
VAPOR RETARDER OVER
5/8" GYPSUM WALL BOARD, FINSH PER SCHEDULE

W2 **MINERAL-FIBER CEMENT SIDING AT FRAMED WALL**
MINERAL-FIBER CEMENT LAP SIDING, PAINTED OVER
AIR & WEATHER RESISTIVE BARRIER (TYPE 1) OVER
SHEATHING PER STRUCTURAL OVER
6" COLD-FORMED METAL FRAMING @ 16' OC OVER
VAPOR RETARDER OVER
5/8" GYPSUM WALL BOARD, FINSH PER SCHEDULE

F1 **SLAB ON GRADE**
FLOOR FINISH AS SCHEDULED OVER
SLAB ON GRADE, REINFORCING AND THICKNESS REF STRUCTURAL OVER
REINFORCED 10 MIL VAPOR RETARDER OVER
24" WIDE R-10 PERIMETER INSULATION INSTALLED HORIZONTALLY AND RUN
DOWN FACE OF SLAB EDGE OVER
SUBGRADE PREPARATION, REF CIVIL AND GEOTECH REPORT

FD1 **FOUNDATION DRAIN ASSEMBLY**
FILTER FABRIC
6" LAYER OF GRAVEL W/
4" DIAMETER PERFORATED DRAIN BEDDED IN
6" GRAVEL WRAPPED IN FILTER FABRIC
REF CIVIL FOR TERMINATION

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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SHEET TITLE
WALL SECTIONS, WALL ASSEMBLIES

SHEET NO.
A4.00

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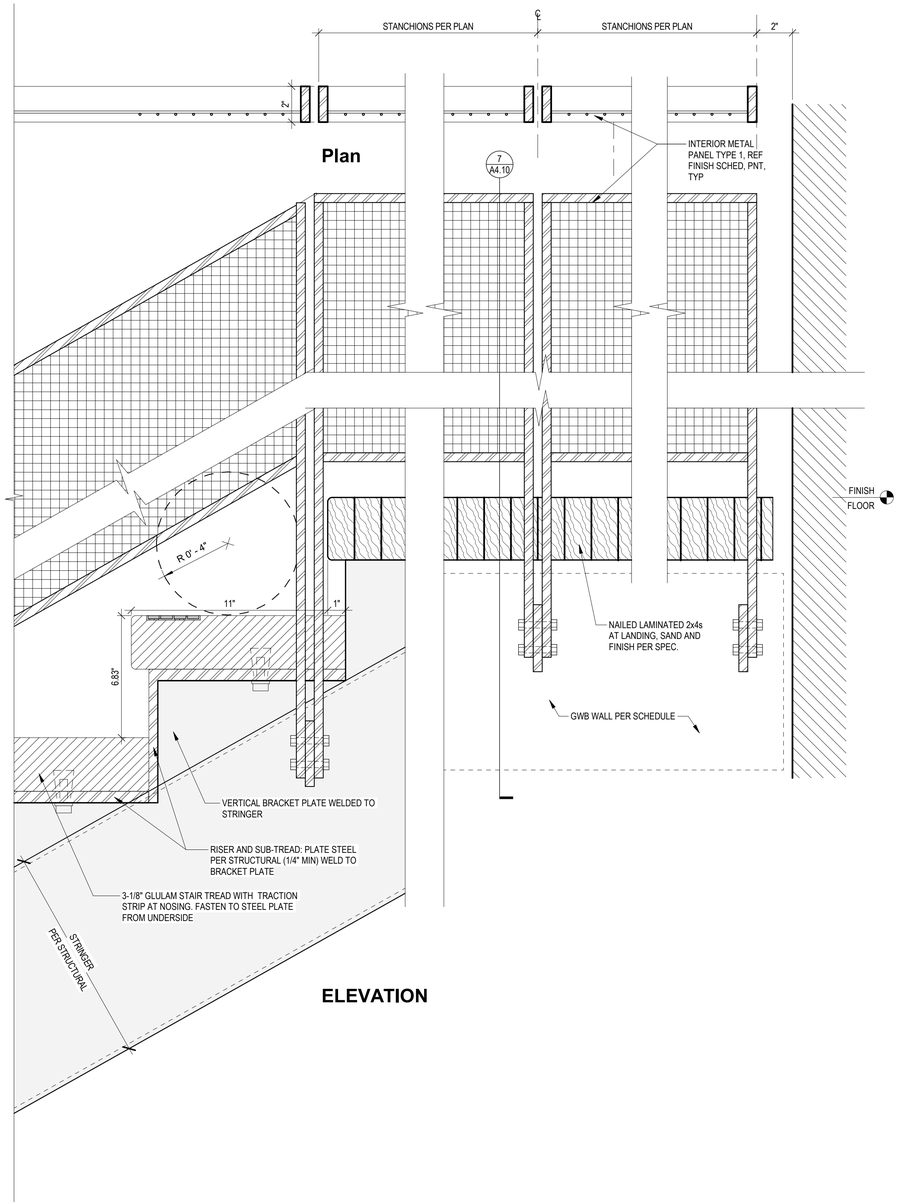
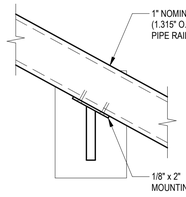


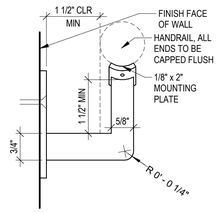
ELEVATION

8 Center Stair Guardrail Mesh Panel

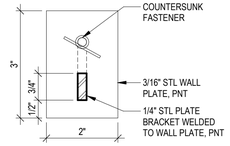
3" = 1'-0"



A. Handrail: Elevation at Wall Bracket



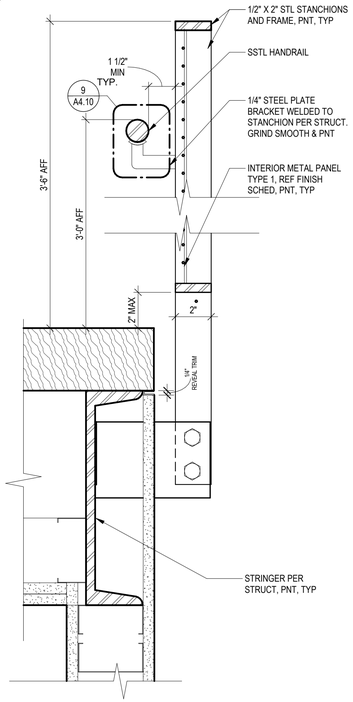
B. Wall Bracket: Side Elevation



C. Wall Bracket: Front Elevation/Section

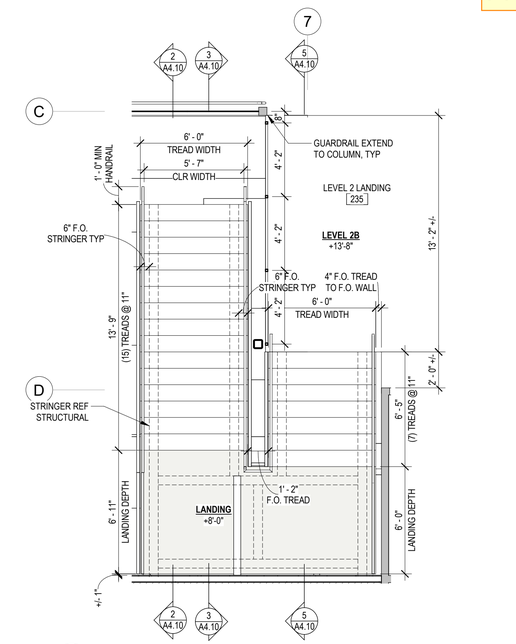
9 Handrail Details

6" = 1'-0"



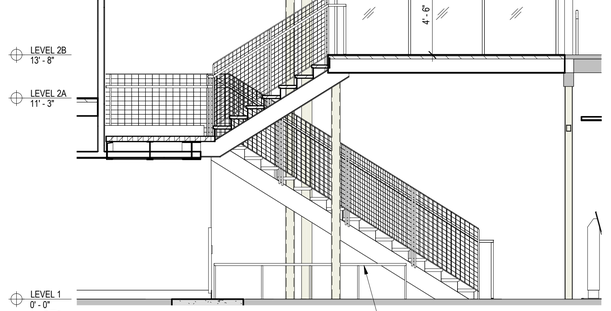
7 Center Stair Gardrail

3" = 1'-0"



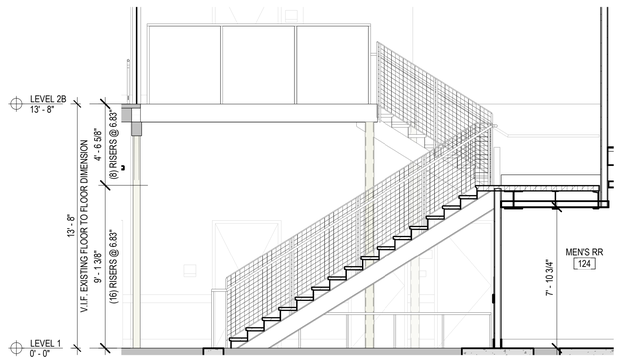
1 Stair Enlarged Plan - Central Stair

1/4" = 1'-0"



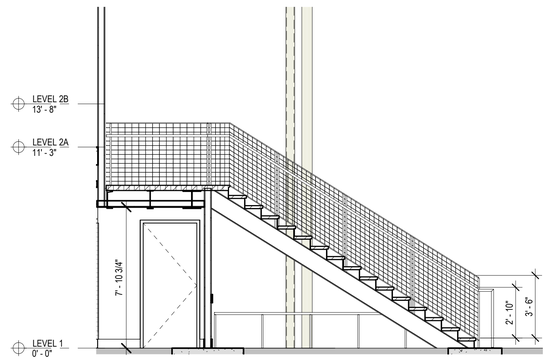
5 Section @ Central Stair

1/4" = 1'-0"



3 Section @ Central Stair

1/4" = 1'-0"



2 Section @ Central Stair

1/4" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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SHEET TITLE

VERTICAL CIRCULATION PLANS & SECTIONS

SHEET NO.

A4.10

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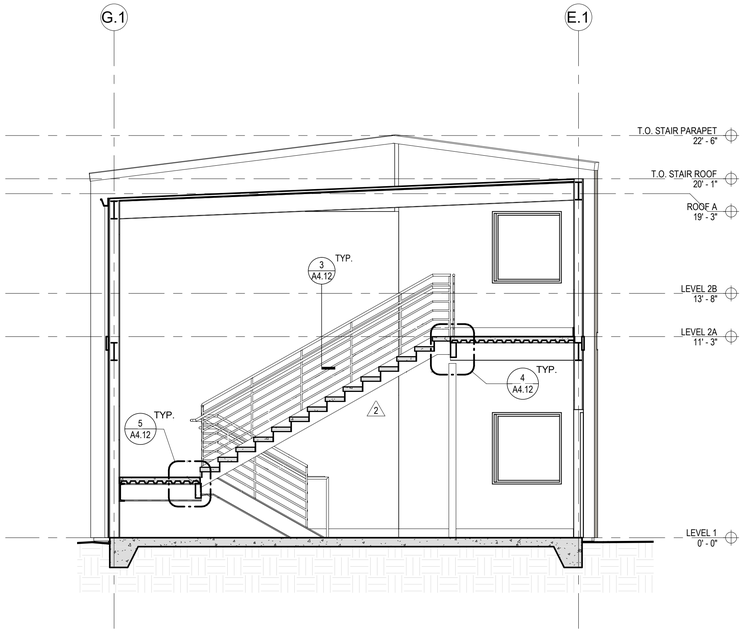
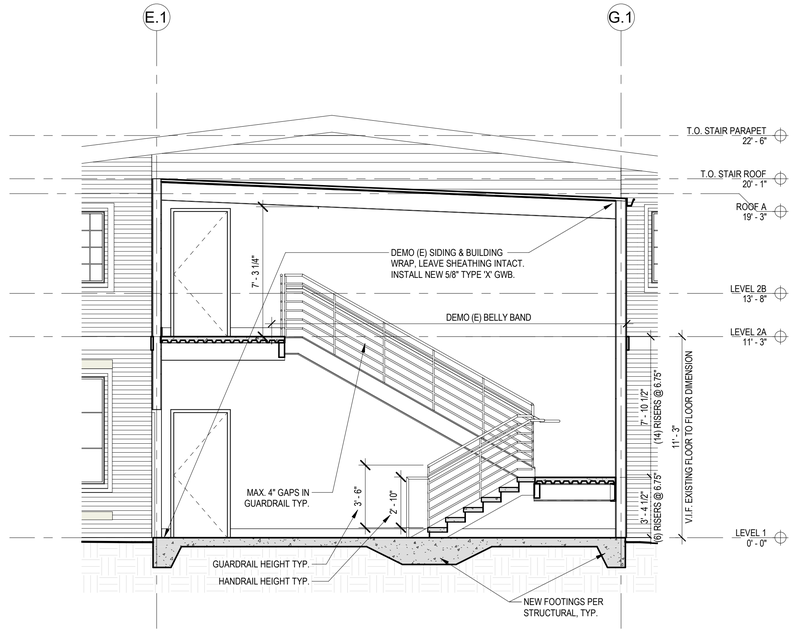


5 North Stair - Section Looking North
1/4" = 1'-0"



3 North Stair - Section Looking South
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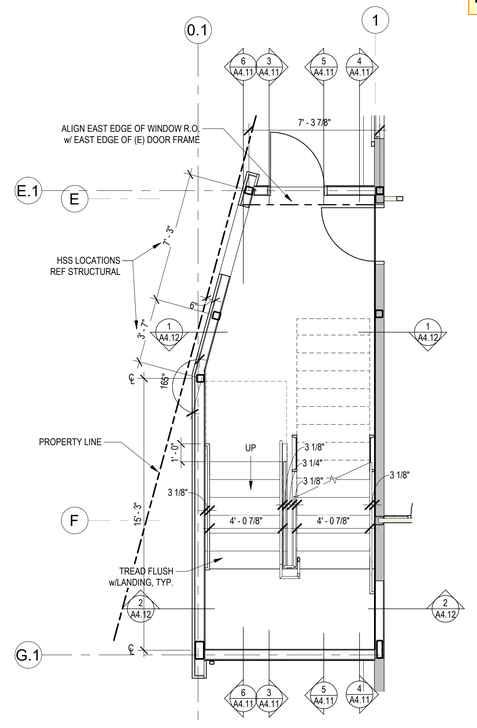
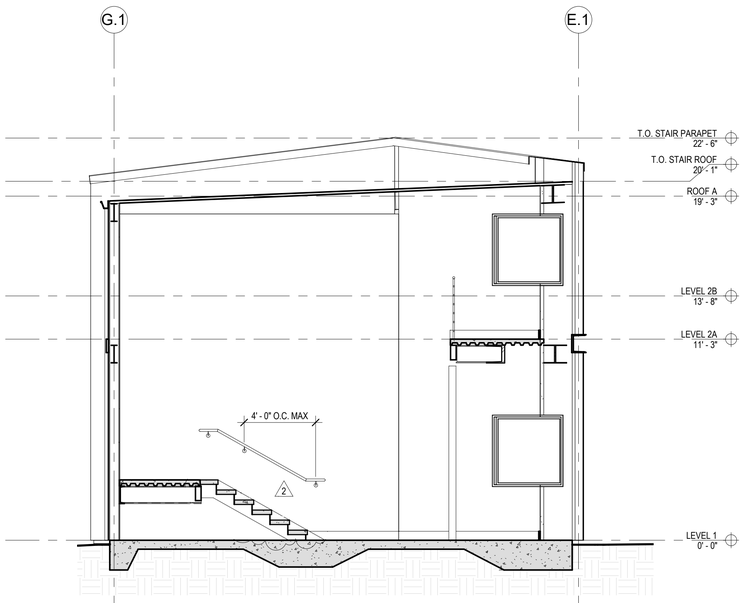
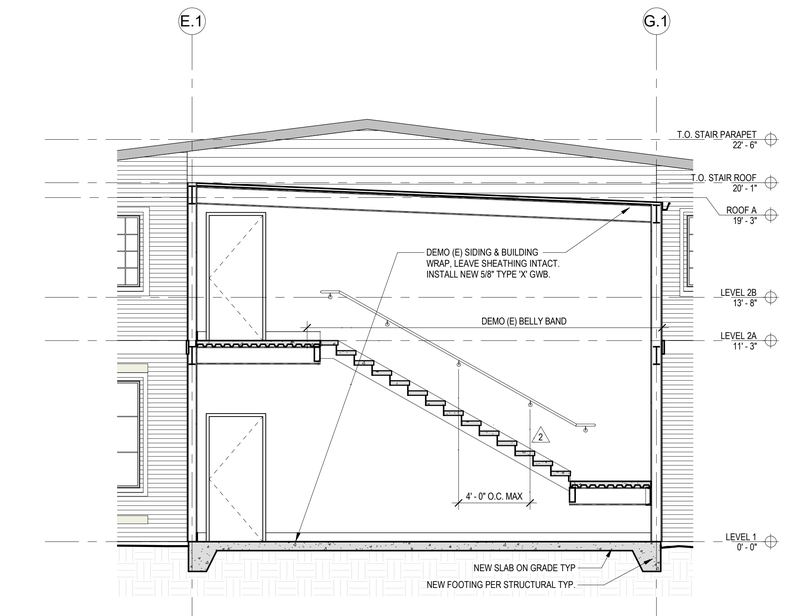


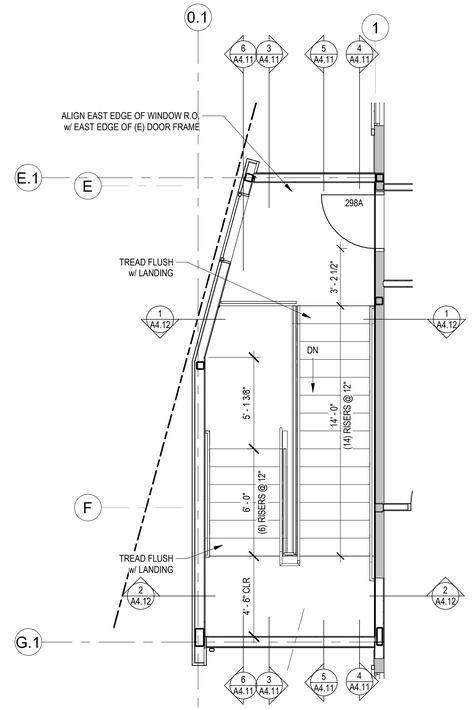
1 Stair Enlarged Plan - North Stair Level 1
1/4" = 1'-0"



6 North Stair - Section Looking North 2
1/4" = 1'-0"



4 North Stair - Section Looking South 2
1/4" = 1'-0"



2 Stair Enlarged Plan - North Stair Level 2
1/4" = 1'-0"

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Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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VERTICAL CIRCULATION PLANS & SECTIONS

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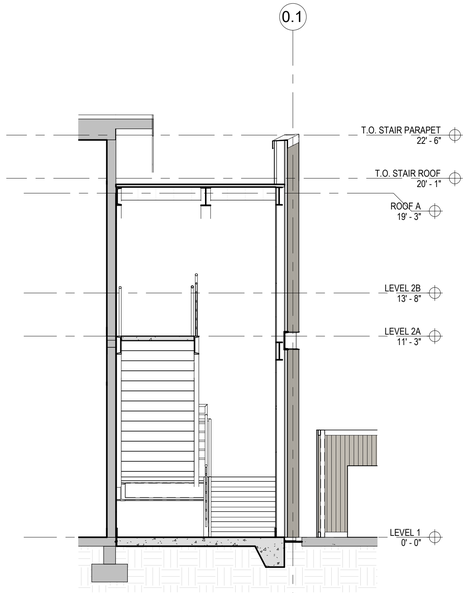
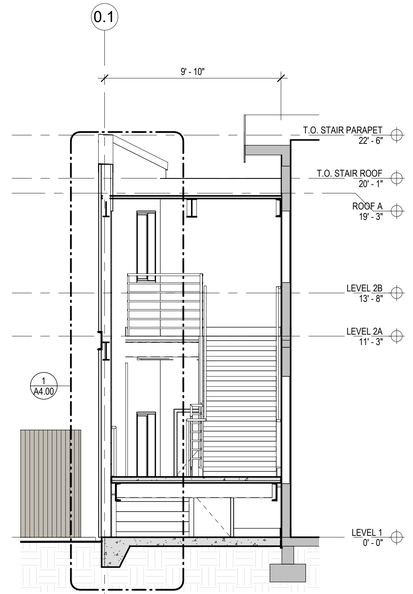
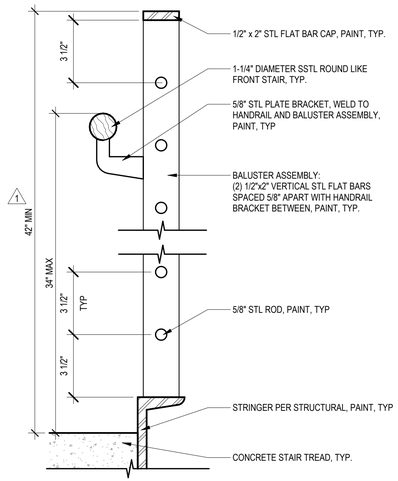


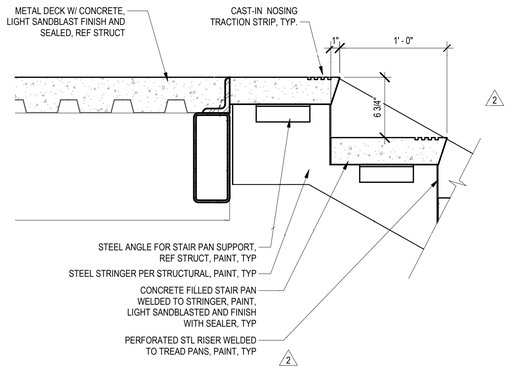
1 **North Stair - Section Looking West**
1/4" = 1'-0"



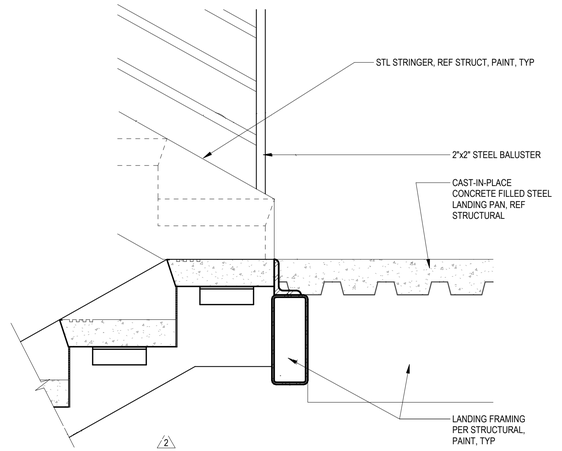
2 **North Stair - Section Looking East**
1/4" = 1'-0"



3 **North Stair Guardrail**
3" = 1'-0"



4 **North Stair Detail at Upper Landing**
1 1/2" = 1'-0"



5 **North Stair Detail at Mid-Landing**
1 1/2" = 1'-0"

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Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
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1	PERMIT CORRECTIONS #1	12/29/22
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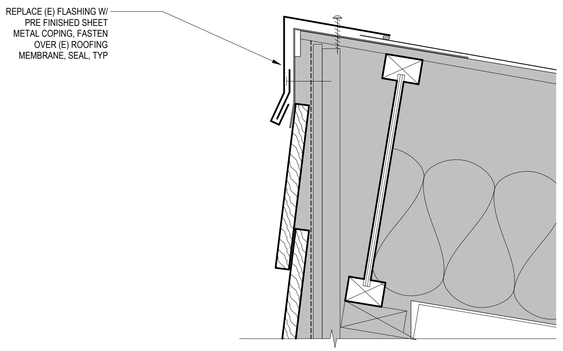
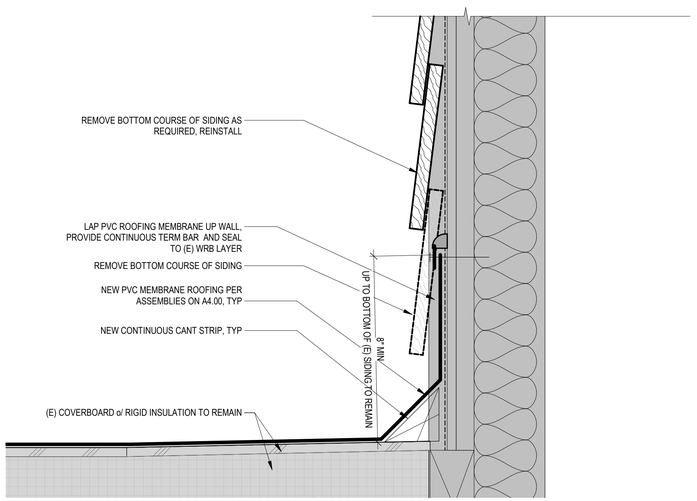
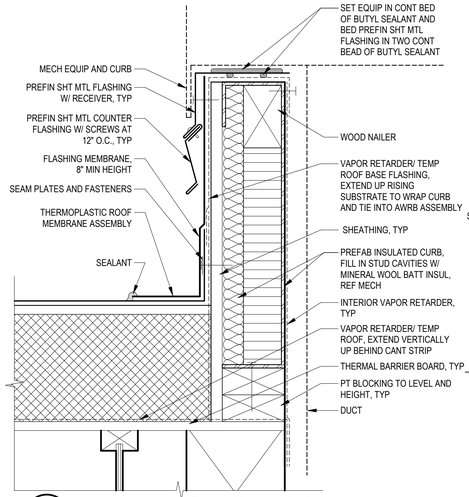
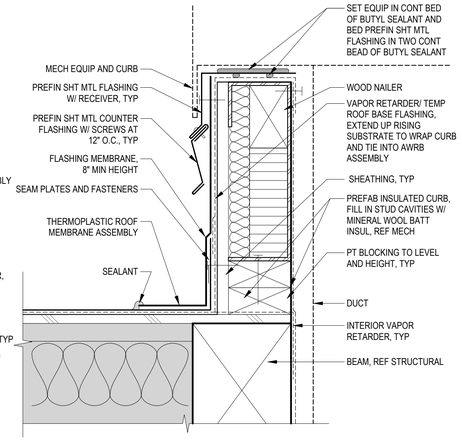




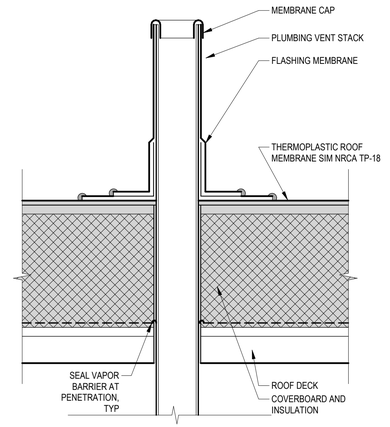
7 Detail - Roof Replacement @ Mech. Well
3" = 1'-0"



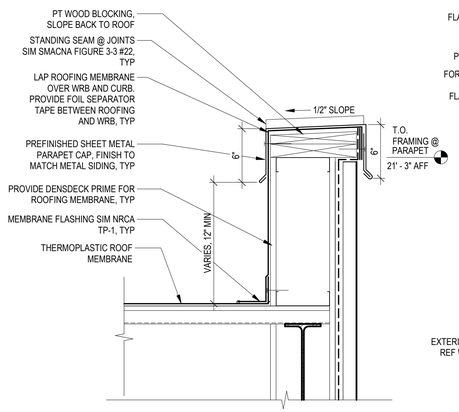
1 Mechanical Roof Curb Detail
3" = 1'-0" @ (E) MECHANICAL WELL



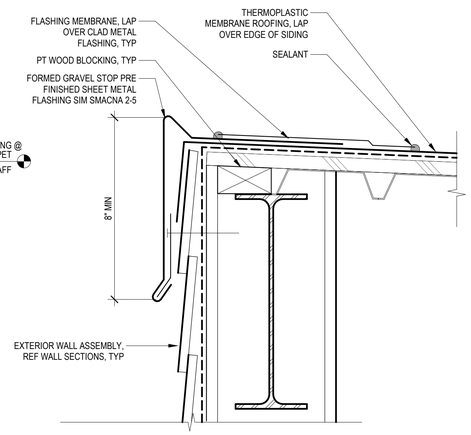
2 Mechanical Roof Curb Detail
3" = 1'-0" @ TYPICAL (E) ROOF



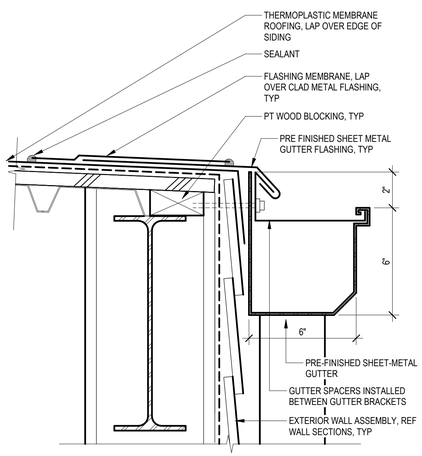
3 Plumbing Vent @ (E) Roof
3" = 1'-0"



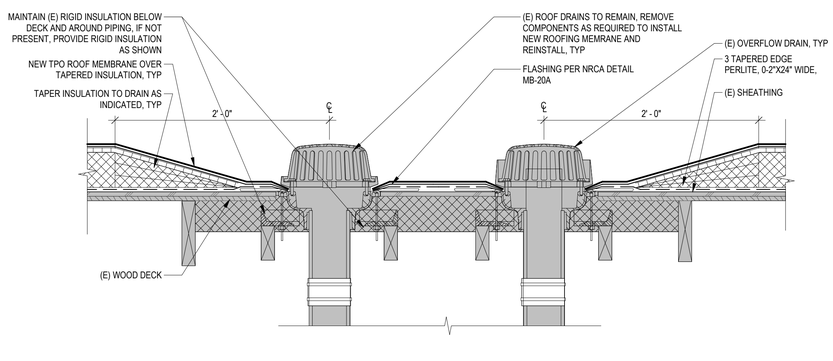
4 Parapet Wall at North Stair
1 1/2" = 1'-0"



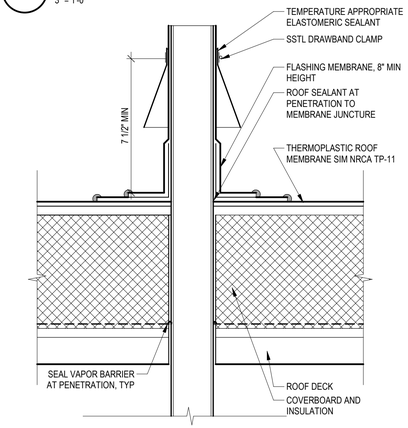
5 East Roof Edge at North Stair
3" = 1'-0"



6 Gutter at North Stair
3" = 1'-0"



8 Roof Drain and Overflow
1 1/2" = 1'-0"



9 Piping Penetration Detail
3" = 1'-0"

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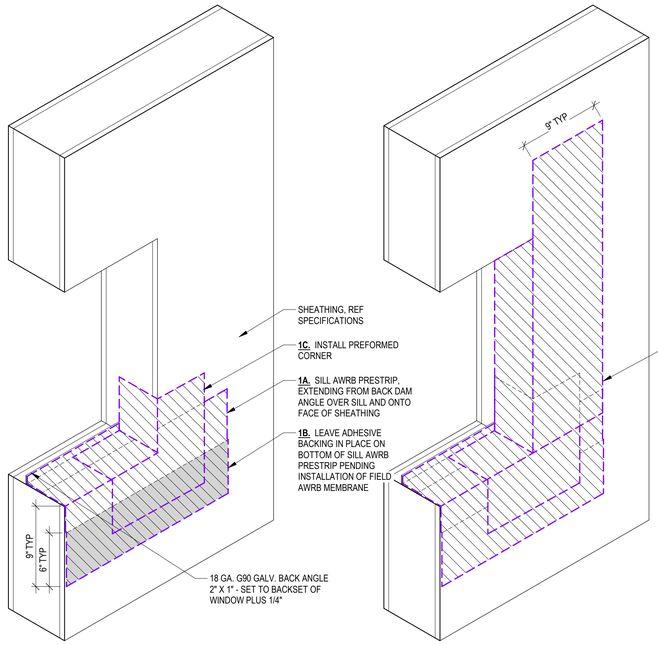

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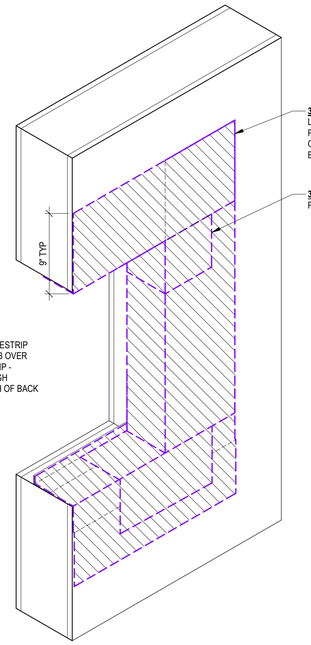

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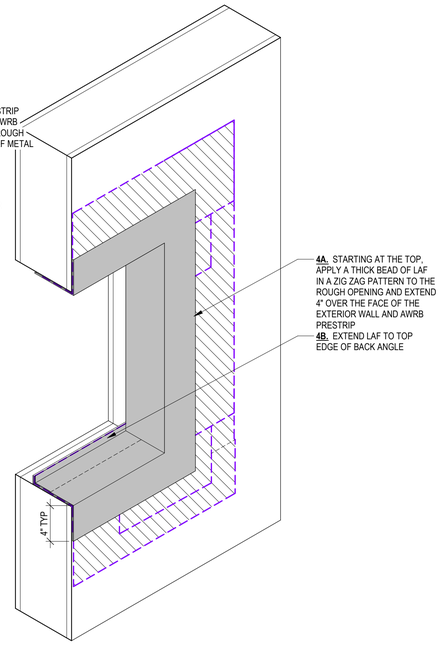

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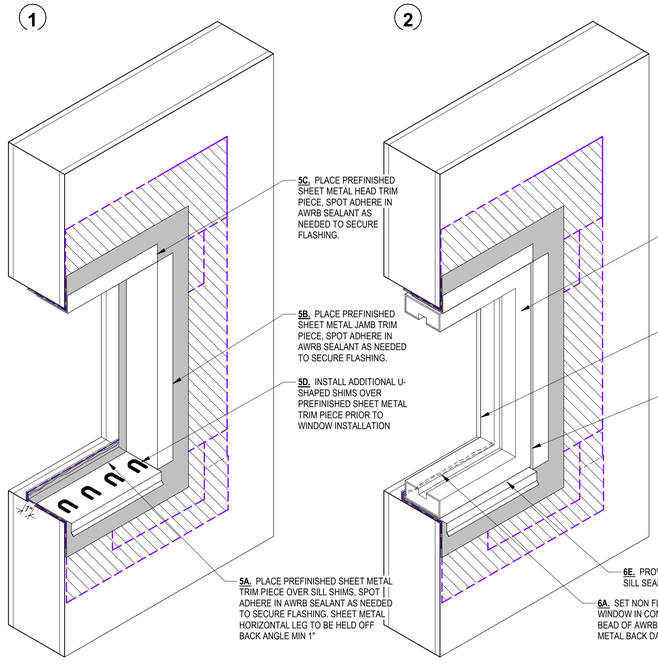

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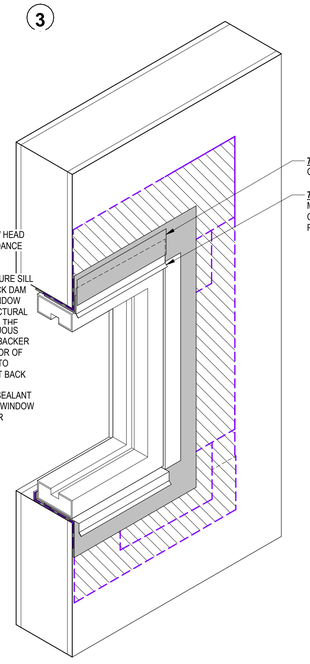

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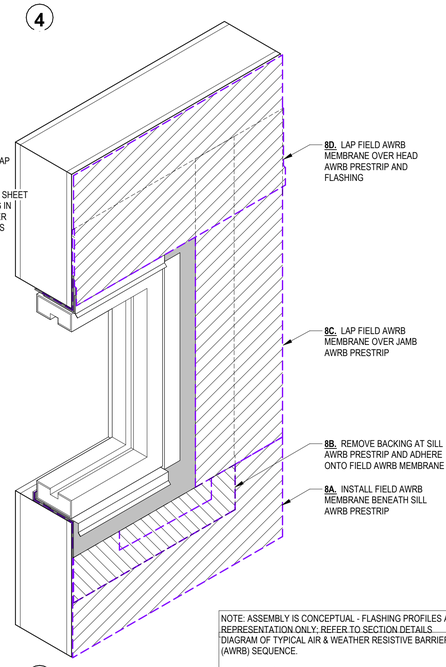


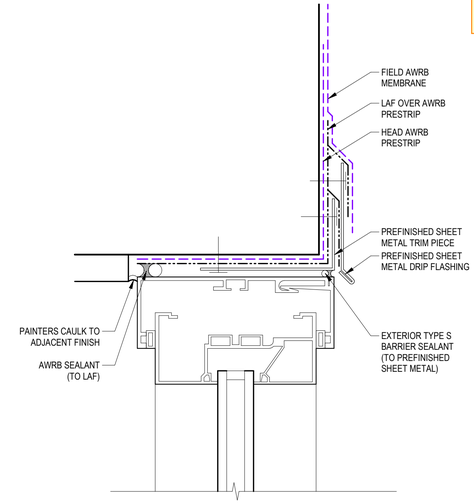
8

NOTE: ASSEMBLY IS CONCEPTUAL - FLASHING PROFILES ARE REPRESENTATION ONLY; REFER TO SECTION DETAILS.
DIAGRAM OF TYPICAL AIR & WEATHER RESISTIVE BARRIER (AWRB) SEQUENCE.

COMPONENTS:
- AWRB MEMBRANE
- AWRB PRESTRIP
- AWRB TAPE
- AWRB SEALANT
- LAF LIQUID APPLIED FLASHING
- FFSAM FOIL FACED SELF ADHERED MEMBRANE
- HTSAM HIGH TEMPERATURE SELF ADHERED MEMBRANE

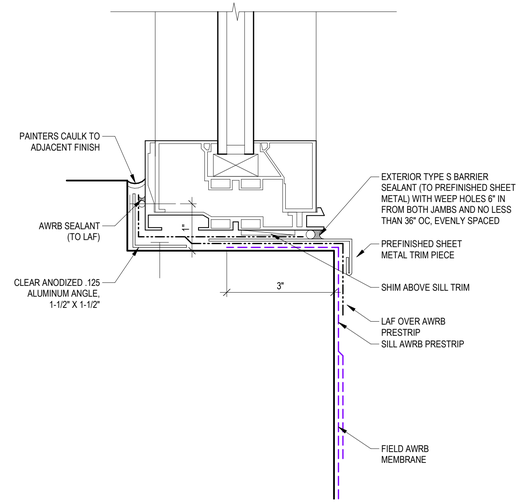
1 Window Flashing Sequence

NTS



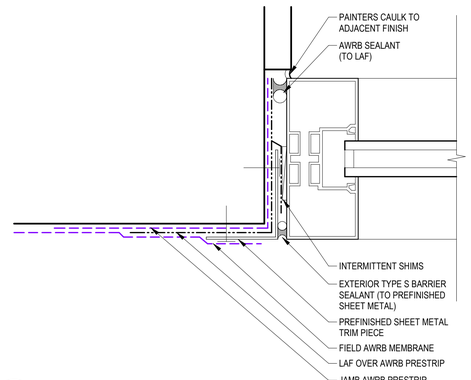
2 Window Flashing Diagram - Head

6" = 1'-0"



3 Window Flashing Diagram - Sill

6" = 1'-0"



4 Window Flashing Diagram - Jamb

6" = 1'-0"

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EXTERIOR DETAILS - WINDOWS

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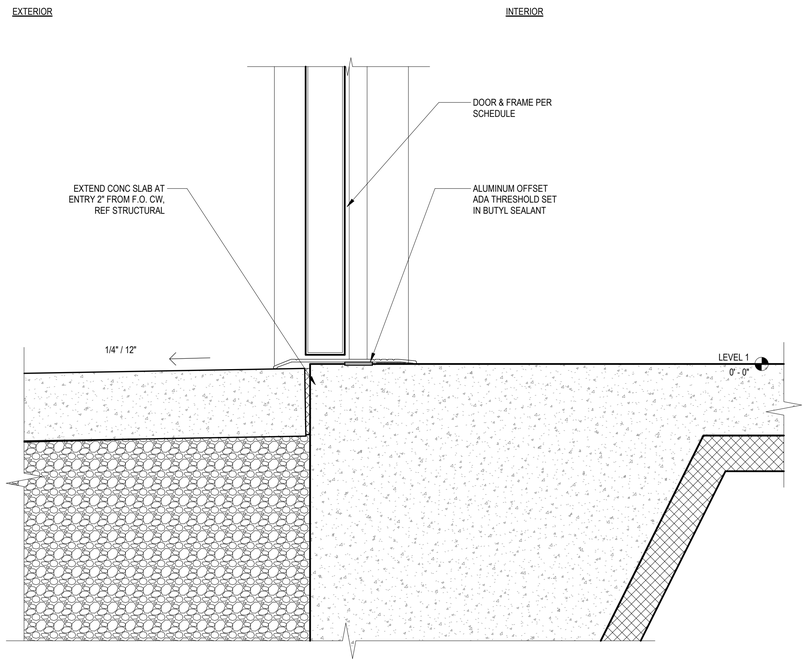
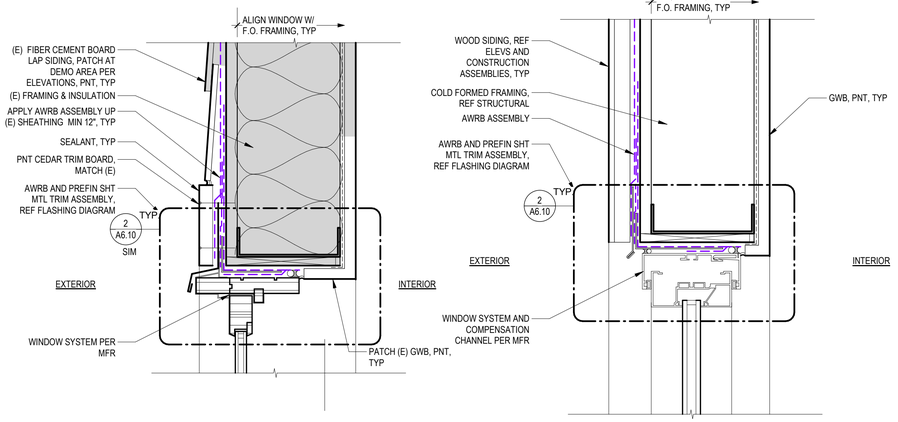


6 HM Door Sill @ North Stair

3" = 1'-0"



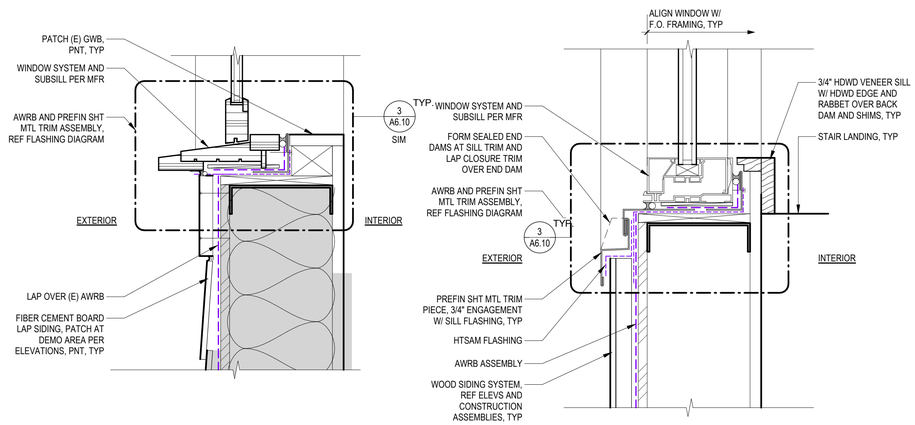
1 Window Head @ (E) Fiber Cement Siding

3" = 1'-0"

2 Window Head @ Fiber Cement Siding

3" = 1'-0"

SIM AT JAMB

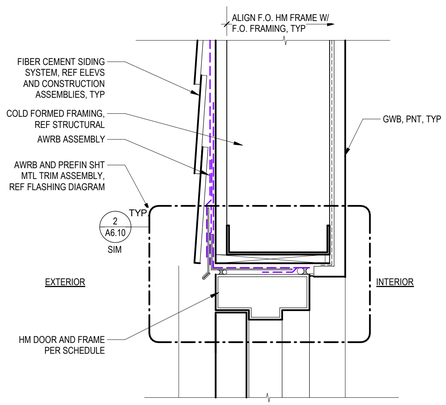


3 Window Sill @ (E) Fiber Cement Siding

3" = 1'-0"

4 Window Sill @ Fiber Cement Siding

3" = 1'-0"



5 HM Door Head @ Fiber Cement Siding

3" = 1'-0"

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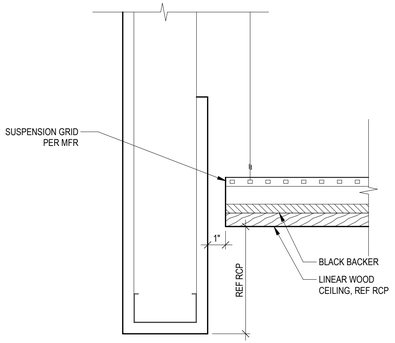
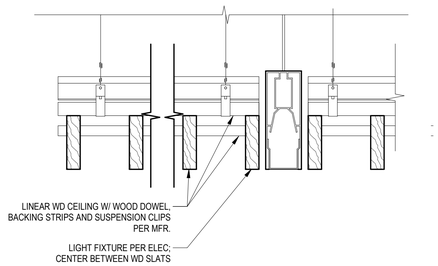


1 LWC at Soffit

3" = 1'-0"



2 LWC at Light Fixture

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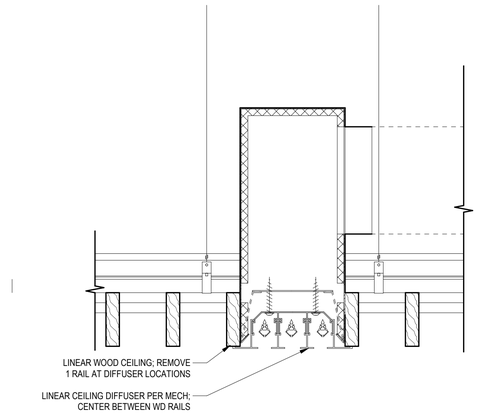
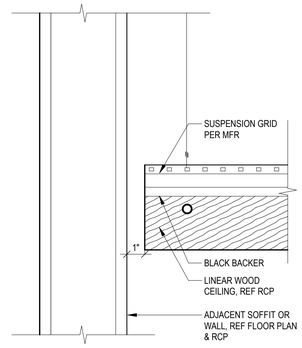


3 LWC at Linear Diffuser

3" = 1'-0"



4 LWC at Wall

3" = 1'-0"

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INTERIOR DETAILS - CEILINGS

SHEET NO.

A7.00

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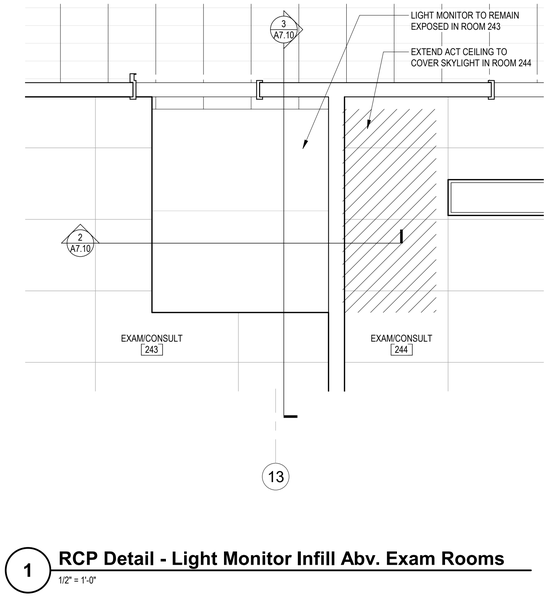
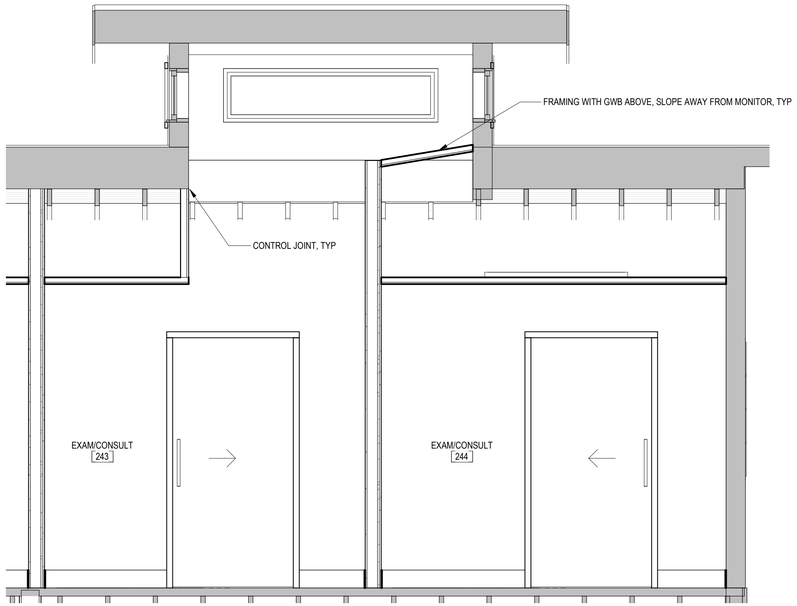


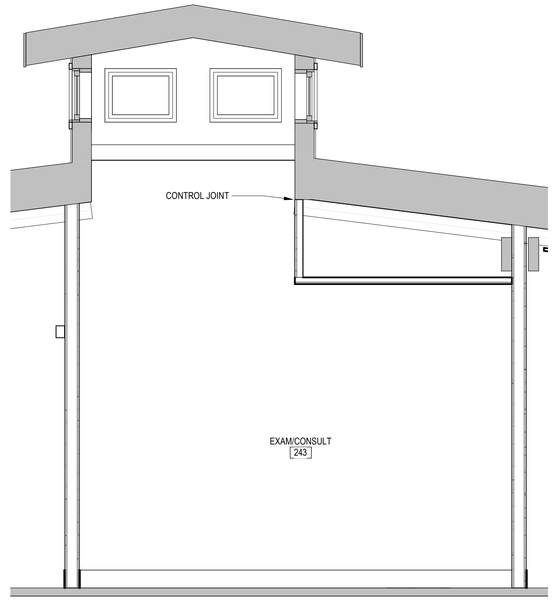
1 RCP Detail - Light Monitor Infill Abv. Exam Rooms

1/2" = 1'-0"



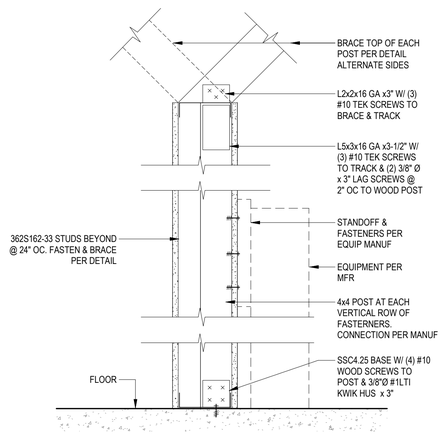
2 Section - Partition Wall at Light Monitor

1/2" = 1'-0"



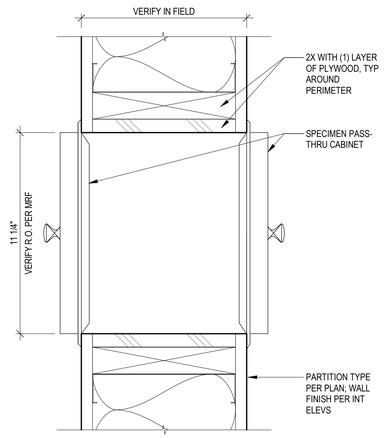
3 Cross-Section - Partition Wall at Light Monitor

1/2" = 1'-0"



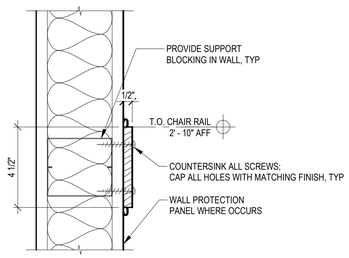
4 Pano Equip Attachment @ Wall

1 1/2" = 1'-0"



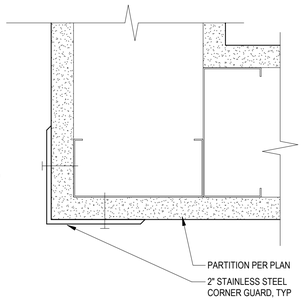
5 SPECIMEN PASS THRU CABINET

3" = 1'-0"



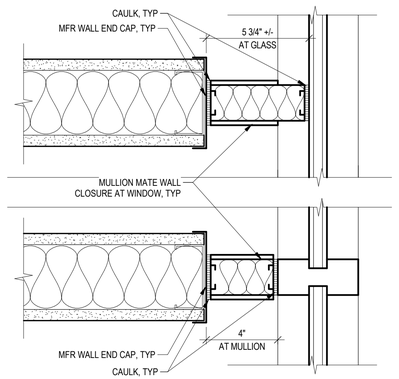
6 Chair Rail, Typ

3" = 1'-0"



7 Corner Guard, Typ

6" = 1'-0"



8 Wall end at Window, Typ

3" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE M. HAYASHI STATE OF WASHINGTON

CONSULTANT

CONSULTANT'S STAMP

BUILDING DEPARTMENT'S STAMP

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PERMIT SET

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

INTERIOR DETAILS - WALLS

SHEET NO.

A7.10

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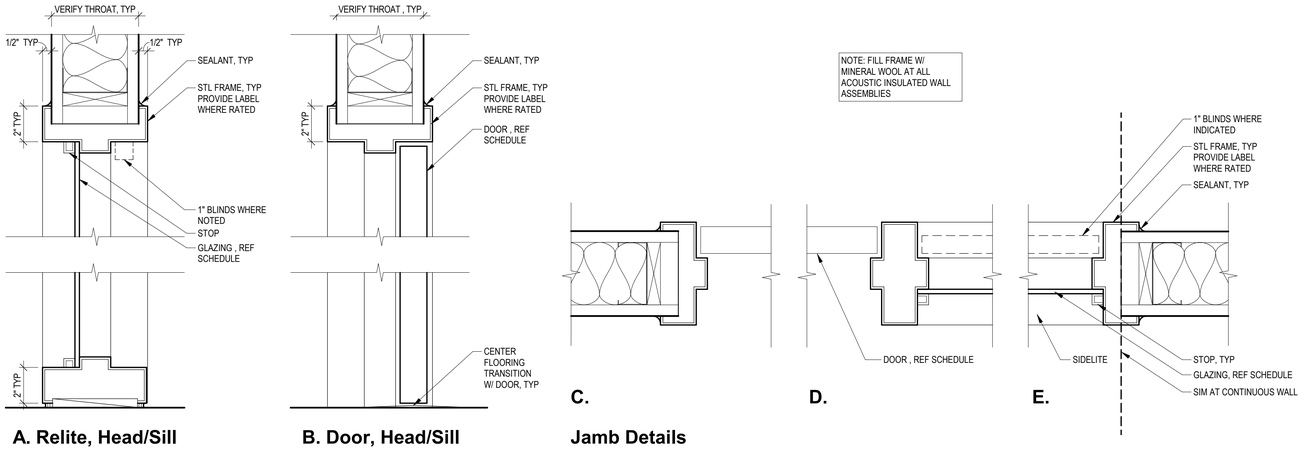
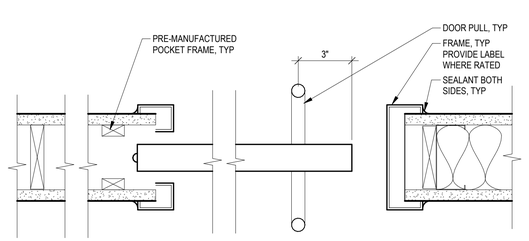


A. Relite, Head/Sill **B. Door, Head/Sill** **C. D. E. Jamb Details**

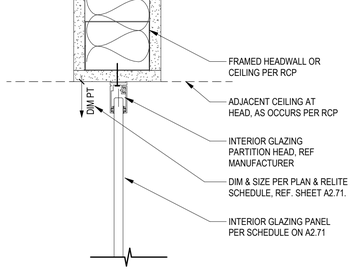
1 HM DOOR FRAME, TYP.

3" = 1'-0"



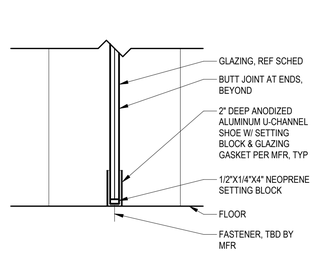
3 Pocket Door, Typ

3" = 1'-0"



4 Interior Glass Partition

3" = 1'-0"



5 Glazing Partition Sill

3" = 1'-0"

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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No.	Description	Date

SHEET TITLE

INTERIOR DETAILS - RELITES & DOORS

SHEET NO.

A7.20

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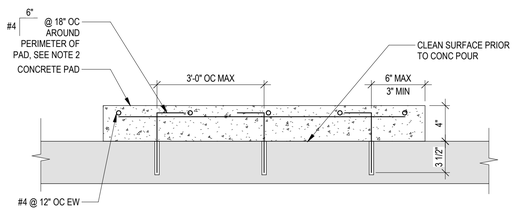
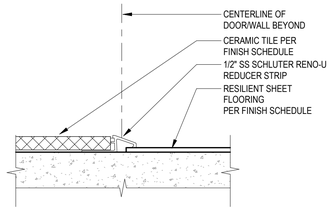


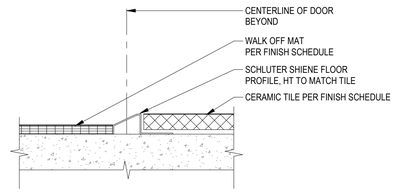
NOTES:
1. EQUIPMENT PAD SIZE TO BE 6" LARGER THAN EQUIPMENT IN EACH DIRECTION, UNLESS NOTED OTHERWISE. COORDINATE EXACT SIZE AND LOCATION OF CURB AND PADS WITH EQUIPMENT PROVIDED.
2. ATTACH REBAR TO SLAB AND ADHESIVE ANCHORING SYSTEM PER STRUCTURAL GENERAL NOTES.

1 Housekeeping Pad Detail

1 1/2" = 1'-0"



A. Ceramic Tile to Resilient Floor



B. Walk Off Mat to Ceramic Tile

2 Flooring Transition Details

6" = 1'-0"

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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DATE

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REVISIONS

No.	Description	Date

SHEET TITLE

INTERIOR DETAILS - FLOORS

SHEET NO.

A7.30

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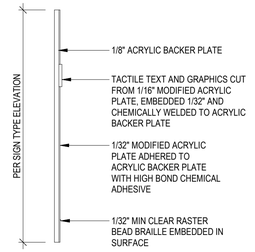
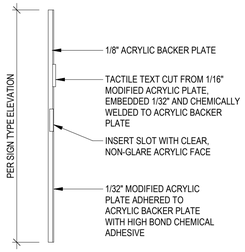
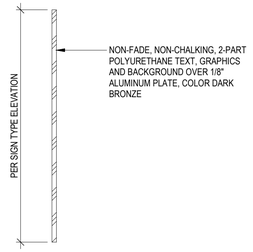


1 **Sign Construction Type A**
NTS



2 **Sign Construction Type B**
NTS



3 **Sign Construction Type C**
NTS

Signage General Notes

1. MOUNT ROOM SIGNS WITH TOP EDGE AT 4'-0" AFF.
2. MOUNT ROOM SIGNS WITH EDGE 2" FROM FRAME AT LATCH SIDE OF DOOR.
3. SEE FINISH PLAN FOR SIGN LOCATIONS.
4. PROVIDE MATCHING BLANK PANELS FOR SIGNS INSTALLED ON GLAZING.
5. ALL TEXT TO BE 'FRUITGER' FONT UNO.
6. EXACT PLACEMENT OF ALL SIGNS TO BE VERIFIED W/ OWNER AND ARCHITECT.
7. REFER TO SPECIFICATIONS FOR ADDITIONAL CODE SIGNAGE REQUIREMENTS.

SIGNAGE COLORS TO MATCH BENJAMIN MOORE COLOR NUMBERS INDICATED:
S1 SW-7674 'PEPPERCORN'
S2 SW-6105 'DIVINE WHITE'
S3 SW 6796 'BLUE PLATE'

Signage Legend

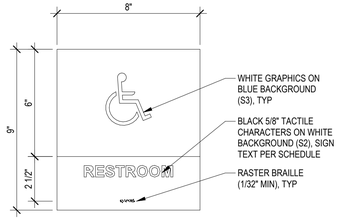
(X) SIGNAGE MARK,
REF CODE PLANS FOR SIGN LOCATIONS;
REF SIGNAGE SCHEDULE ON A9.00

Signage Key Notes

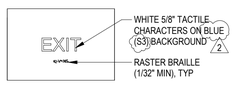
1. PROVIDE BLANK BACK PANEL TO MATCH
2. MAXIMUM OCCUPANCY SIGN TEXT:
GYMNASIUM 115: 380
STUDENT DINING 116: 413

MARK	SIGN TYPE	SIGN TEXT	KEY NOTES
000-A	B	EXIT	
001-A	E	ELEVATOR	
001-B	E	ELEVATOR	
002-A	J	ELEVATOR MACHINE ROOM	
003-A	J	ELECTRICAL ROOM	
003-B	J	FIRE ALARM CONTROL PANEL	
006-A	F	IN CASE OF FIRE DO NOT USE ELEVATORS USE STAIRWAYS	
007-A	F	IN CASE OF FIRE DO NOT USE ELEVATORS USE STAIRWAYS	
099-A	H	SPRINKLER RISER ROOM	
109-A	A	RESTROOM	
113-A	A	RESTROOM	
124-A	D	MEN	
125-A	C	WOMEN	
130-A	A	RESTROOM	
131-A	A	RESTROOM	
136-A	A	RESTROOM	
139-A	K	CAUTION: OXIDIZING GAS STORED WITHIN NO SMOKING	
139-B	K	CAUTION: OXIDIZING GAS STORED WITHIN NO SMOKING	
199-A	B	EXIT	
199-B	B	EXIT	
214-A	A	RESTROOM	
215-A	A	RESTROOM	
230-A	A	RESTROOM	
266-A	A	RESTROOM	
267-A	A	RESTROOM	
270-A	J	ELECTRICAL ROOM	
273-A	A	RESTROOM	
299-A	B	EXIT	
300-A	G	STAFF LOUNGE	
301-A	G	1ST FLOOR WAITING	
302-A	G	2ND FLOOR WAITING	

Signage Types



A CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



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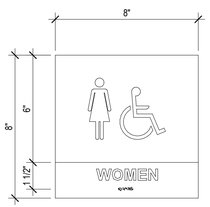
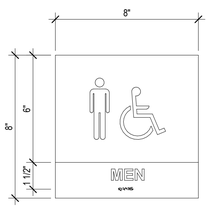
B CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



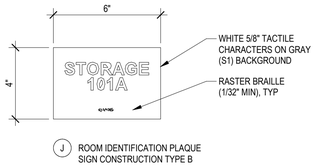
NOTE: SEE SIGNAGE TYPE A FOR CALLOUTS IN COMMON

C CODE SIGNAGE
SIGN CONSTRUCTION TYPE A

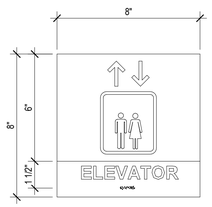


NOTE: SEE SIGNAGE TYPE A FOR CALLOUTS IN COMMON

D CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



J ROOM IDENTIFICATION PLAQUE
SIGN CONSTRUCTION TYPE B

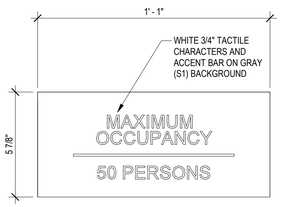


NOTE: SEE SIGNAGE TYPE A FOR CALLOUTS IN COMMON

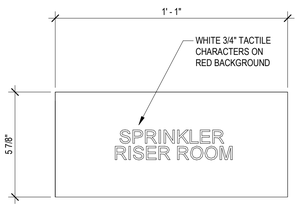
E CODE SIGNAGE
SIGN CONSTRUCTION TYPE A

NOTE: SEE SIGNAGE TYPE A FOR CALLOUTS IN COMMON

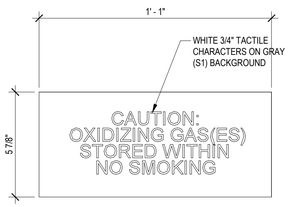
F CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



G CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



H CODE SIGNAGE
SIGN CONSTRUCTION TYPE A



K CODE SIGNAGE
SIGN CONSTRUCTION TYPE A

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

5222 REGISTERED ARCHITECT BRUCE T. HAYASHI STATE OF WASHINGTON

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PHASE
PERMIT SET

DATE
10/27/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS #1	12/29/22

SHEET TITLE
SIGNAGE

SHEET NO.
A9.00

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PRCTI20221698

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 2018 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	25 PSF	25 PSF	+15 EQUIPMENT	300#
OFFICE	20 PSF	50 PSF	+15 PSF	2,000#
CORRIDORS (ABOVE 1ST FLR)	20 PSF	80 PSF		2,000#
CORRIDORS (1ST FLR)	-	100 PSF		2,000#
NORTH EXTERIOR STAIR	50 PSF	100 PSF		300#
CENTRAL INTERIOR STAIR	ACTUAL	100 PSF		

(1) LIVE LOADS EXCEPT SNOW LOADS ARE REDUCED PER IBC SECTION 1607.11.

SNOW: (MINIMUM ROOF SNOW LOAD = 25 PSF)

Pg = 18 PSF = GROUND SNOW LOAD
Pf = 0.7CeCtIsPg = FLAT ROOF SNOW LOAD
Ps = CsPf = SLOPED ROOF SNOW LOAD
Is = 1.00 Ce = 1.0, Ct = 1.0, Cs = VARIES

LATERAL FORCES

THE 2018 INTERNATIONAL EXISTING BUILDING CODE WAS USED FOR DESIGN AND ANALYSIS OF THE LATERAL FORCE RESISTING SYSTEM.

LATERAL FORCES ARE TRANSMITTED BY DIAPHRAGM ACTION OF ROOF AND FLOORS TO NEW AND EXISTING SHEAR WALLS. LOADS ARE THEN TRANSFERRED TO FOUNDATION BY SHEAR WALL ACTION WHERE ULTIMATE DISPLACEMENT IS RESISTED BY PASSIVE PRESSURE OF EARTH AND SLIDING FRICTION. OVERTURNING IS RESISTED BY DEAD LOAD OF THE STRUCTURE.

THE SUMMATION OF NEW BUILDING SEISMIC MASS IS LESS THAN THE EXISTING BUILDING MASS DUE TO DEMOLISHED EXISTING COMPONENTS AND LIGHTER NEW COMPONENTS AS DESCRIBED BELOW.

THE EXISTING CENTRAL STAIR IS BEING DEMOLISHED AND REPLACED WITH A NEW CENTRAL STAIR WHICH IS LIGHTER THAN THE EXISTING. THE NEW CENTRAL STAIR IS DESIGNED TO TAKE THE EXPECTED DISPLACEMENT OF THE 2ND FLOOR DIAPHRAGM.

THE EXISTING EXTERIOR NORTH STAIR IS BEING DEMOLISHED AND REPLACED. THE NEW STAIR IS LATERALLY BRACED BY EXTERIOR SUREBORAD SHEARWALLS AS WELL AS TIED TO THE BUILDING DIAPHRAGM. THERE IS NO INCREASE IN SEISMIC MASS TO THE STRUCTURE FOR THE NEW STAIR.

THE EXISTING ROOFTOP MECHANICAL UNITS ARE ALL BEING REMOVED. THE SUMMATION OF THE NEW ROOFTOP MECHANICAL UNITS IS LESS THAN THE SUMMATION OF EXISTING.

THE EXISTING EAST EXTERIOR STAIR IS BEING DEMOLISHED AND NOT REPLACED. THIS REDUCES THE SEISMIC MASS TRIBUTARY TO THE STRUCTURE IN THE NEW CONDITION.

ANY CHANGED TO INTERIOR SHEARWALLS IS LESS THAN A 10% CHANGE IN THE DEMAND/CAPACITY RATIO.

PIPES, DUCTS AND MECHANICAL EQUIPMENT SUPPORTED OR BRACED FROM STRUCTURE. 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.

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} = 98 MPH; V_{ASD} = 76 MPH
- RISK CATEGORY PER IBC TABLE 1604.5 = II
- TOPOGRAPHIC FACTOR K_{ZT} = 1.0
- INTERNAL PRESSURE COEFFICIENT (ENCLOSED) = ± 0.18
- COMPONENTS AND CLADDING LOADS, SEE THE FOLLOWING TABLES:

ROOF SURFACES [1]							
EFFECTIVE WIND AREA	POSITIVE PRESSURES (PSF)	NEGATIVE PRESSURES (PSF)					
		ZONE [3]					
	ALL ZONES	1	2e	2n	2r	3e	3r
10 SF	16.0	-31.9	-31.9	-46.5	-46.5	-46.5	-55.3
20 SF	16.0	-31.9	-31.9	-40.2	-40.2	-40.2	-47.4
50 SF	16.0	-19.4	-19.4	-31.9	-31.9	-31.9	-36.9
100 SF	16.0	-16.0	-16.0	-25.6	-25.6	-25.6	-29.0

WALL SURFACES [1]				
EFFECTIVE WIND AREA	POSITIVE PRESSURE (PSF)		NEGATIVE PRESSURE (PSF)	
	ZONE [2]			
	4	5	4	5
10 SF	17.3	17.3	-18.7	-23.1
20 SF	16.5	16.5	-17.9	-21.6
50 SF	16.0	16.0	-16.9	-19.5
100 SF	16.0	16.0	-16.1	-17.9
500 SF	16.0	16.0	-16.0	-16.0

ROOF OVERHANGS [1]						
EFFECTIVE WIND AREA	NEGATIVE PRESSURE (PSF)					
	ZONE [3]					
	1	2e	2n	2r	3e	3r
10 SF	-36.6	-36.6	-51.2	-51.2	-60.0	-68.8
20 SF	-36.6	-36.6	-46.5	-46.5	-51.8	58.2
50 SF	-28.2	-28.2	-40.2	-40.2	-41.0	-44.2
100 SF	-21.9	-21.9	-35.5	-35.5	-32.8	-33.6
500 SF	-21.9	-21.9	-29.3	-29.3	-21.9	-33.6

1. VALUES SHOWN IN TABLE ARE GROSS ULTIMATE WIND PRESSURES.
2. WALL ZONES ARE AS DEFINED BY FIGURE 30.3-1 IN ASCE 7-16 FOR LOW RISE BUILDINGS.
3. ROOF ZONES ARE AS DEFINED BY FIGURES 30.3-2 THROUGH 30.3-7 IN ASCE 7-16 FOR LOW RISE BUILDINGS.

FOUNDATION DESIGN CRITERIA:

DESIGN PARAMETERS BELOW FOR NEW CANNERY STAIRS AND INTERIOR SPREAD FOOTINGS, PROVIDED BY AESI GEO ON OCTOBER, 20, 2022.

SOIL BEARING PRESSURE 3000 PSF

ACTIVE PRESSURE - UNRESTRAINED: 35 PCF +5H SEISMIC (RECTANGULAR)
ACTIVE PRESSURE - RESTRAINED: 50 PCF +10H SEISMIC (RECTANGULAR)
PASSIVE RESISTANCE: 250 PCF (INCLUDES F.O.S. ≥ 1.5)
COEFFICIENT OF FRICTION: .35 (INCLUDES F.O.S. ≥ 1.5)
*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 $\frac{\%\ \text{PASSING U.S. NO. 200 SIEVE}}{\%\ \text{PASSING U.S. NO. 40 SIEVE}} = 2/3\ \text{MAX.}$

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, MATERIALS AND COMMENTARY'.
2. ACI-301 'STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE'.
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 'DETAILS AND DETAILING OF CONCRETE REINFORCEMENT'.
11. ACI-318 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE'.
12. ACI-506.2 'SPECIFICATION FOR SHOTCRETING'.
13. ACI 347 'GUIDE TO FORMWORK FOR CONCRETE'.
14. ACI 303.1 'STANDARD SPECIFICATION FOR CAST-IN PLACE/ARCHITECTURAL CONCRETE'.

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 ... FLY-ASH...'.
9. ASTM C989 'STANDARD SPECIFICATION FOR SLAG...'.
10. ASTM C1017 'STANDARD SPECIFICATION FOR CHEMICAL ADMIXTURES FOR USE IN PRODUCING FLOWING CONCRETE'.
11. ASTM C-1116 'STANDARD SPECIFICATION FOR FIBER-REINFORCED CONCRETE'.
12. ASTM C-1218 'STANDARD TEST METHOD FOR WATER-SOLUBLE CHLORIDE IN MORTAR AND CONCRETE'.
13. ASTM C-1315 'STANDARD SPECIFICATION FOR LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING'

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.

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.

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.

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
SLAB ON GRADE - EXPOSED TO WEATHER	4000	0.45	100	57 OR 67	
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	4000	0.45	100	57 OR 67	

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.

STRUCTURAL DRAWING INDEX

SHEET NUMBER	SHEET DESCRIPTION
S0.01	GENERAL NOTES
S0.02	GENERAL NOTES
S0.03	GENERAL NOTES
S0.04	GENERAL NOTES
S1.00	FOUNDATION PLAN
S1.01	SECOND FLOOR FRAMING PLAN
S1.02	ROOF FRAMING PLAN
S2.00	SLAB ON GRADE AND FOUNDATION DETAILS
S3.00	WOOD FRAMED WALL DETAILS
S3.01	WOOD FRAMED WALL DETAILS
S4.00	FLOOR DETAILS
S4.01	STEEL FLOOR DETAILS
S5.00	ROOF DETAILS
S6.00	NON-BEARING COLD FORMED DETAILS
S7.00	INTERIOR STAIR DETAILS
S7.01	INTERIOR STAIR DETAILS
S8.00	EXTERIOR STAIR PLANS
S8.01	EXTERIOR STAIR DETAILS
S8.02	EXTERIOR STAIR DETAILS
S8.03	EXTERIOR STAIR DETAILS
S8.04	EXTERIOR STAIR DETAILS
Grand total: 21	

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PHASE
PERMIT SET

DATE
12/29/2022

REVISIONS

No.	Description	Date

SHEET TITLE
GENERAL NOTES

SHEET NO.
S0.01

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12/30/2022 3:19:50 PM C:_Revit Models\22537 Community Health Ctr Puyallup - Cannery - v2020 (Central)_scowsert@pcs-structural.com.rvt

12/30/2022 3:19:53 PM C:_Revit Models\22537 Community Health Ctr Puyallup - Cannery - v2020 (Central)_scowsert@pcs-structural.com.rvt

PRCTI20221698

FLOATING & FINISHING OPERATIONS

WATER SHALL NOT BE ADDED TO THE CONCRETE SURFACE DURING FLOATING & FINISHING OPERATIONS. PRE-APPROVED EVAPORATION RETARDER SPECIFICALLY DESIGNED FOR FLOATING & FINISHING OPERATIONS ARE ACCEPTABLE.

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. 0° TO 30° F. BELOW 0° F.	60° 65° 70°	55° 60° 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 0.2 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. 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
SLABS EXPOSED TO EARTH OR WEATHER	1, (2 OR 3 OR 4), 5

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. PROVIDE PRE-APPROVED CONTINUOUS WET CURE METHOD FOR A MINIMUM OF 14 DAYS.
3. 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.
4. PROVIDE 'ULTRACURE MAX' MOISTURE RETAINING COVER BY MCTECH GROUP, OR APPROVED EQUAL, FOR A MINIMUM OF 14 DAYS.
5. 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.

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'-7"
#4	2'-8"	2'-0"	2'-0"	1'-7"	0'-9"
#5	3'-4"	2'-7"	2'-7"	2'-0"	1'-0"
#6	4'-0"	3'-1"	3'-1"	2'-4"	1'-2"
#7	5'-10"	4'-6"	4'-6"	3'-6"	1'-5"
#8	6'-8"	5'-2"	5'-2"	3'-11"	1'-7"

SPLICE TABLE NOTES:

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

REINFORCING STEEL COVER

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

CONCRETE CAST AGAINST EARTH ---------- 3"
EXPOSED TO WEATHER OR EARTH ---------- 2"
WALLS AND SLABS NOT EXPOSED TO WEATHER---- 3/4"

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 DOWNWARD) ANCHORS SHALL ALSO BE CERTIFIED BY THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM.
- EXPANSION ANCHORS: KWIKBOLT TZ2 (ICC ESR-4266) BY HILTI, INC., OR PRE-APPROVED EQUAL.
- SCREW ANCHORS: KWIK HUS-EZ (ICC ESR-3027) BY HILTI, INC., OR PRE-APPROVED EQUAL.

MASONRY ANCHORS (SOLID GROUTED MASONRY):
- ADHESIVE ANCHORS: HILTI HIT-HY 270 (ICC-ESR-4143) OR PRE-APPROVED EQUAL.
- EXPANSION ANCHORS: KWIKBOLT III (ICC ESR-1385) BY HILTI, INC. OR PRE-APPROVED EQUAL.
- SCREW ANCHORS: KWIK HUS-EZ (ICC ESR-3056) BY HILTI, INC. OR PRE-APPROVED EQUAL.

STRUCTURAL STEEL

DETAILING, FABRICATION AND ERECTION

ALL WORKMANSHIP SHALL CONFORM TO THE AISC MANUAL OF STEEL CONSTRUCTION, 15TH EDITION, THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS JULY 7, 2016, THE AISC CODE OF STANDARD PRACTICE, JUNE 15, 2016 AND THE AISC SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS, JULY 12, 2016.

STEEL MEMBERS ARE EQUALLY SPACED BETWEEN COLUMNS AND/OR DIMENSION POINTS UNLESS NOTED OTHERWISE.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDES AND JOINT PREPARATIONS THAT INCLUDE BUT ARE NOT LIMITED TO, ERECTION ANGLES, LIFT HOLES, AND OTHER AIDES, WELDING PROCEDURES, REQUIRED ROOT OPENINGS, ROOT FACE DIMENSIONS, GROOVE ANGLES, BACKING BARS, WELD EXTENSION TABS, COPES, SURFACE ROUGHNESS VALUES AND TAPERS OF UNEQUAL PARTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLIANCE WITH ALL CURRENT OSHA REQUIREMENTS.

HOLES, COPES OR OTHER CUTS OR MODIFICATIONS OF THE STRUCTURAL STEEL MEMBERS SHALL NOT BE MADE IN THE FIELD WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

STEEL FABRICATORS

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

NON-AISC CERTIFIED STEEL ERECTORS 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 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)

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

HIGH-STRENGTH BOLTS: A325-ASTM F1852, A490-ASTM F2280

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

WELDING

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

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

WELDED CONNECTIONS INSPECTION:

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

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) SHALL BE ASTM F3125, GRADE F1852, UNLESS OTHERWISE DESIGNATED AS A490. ALL HSB DESIGNATED 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", AUGUST 2014 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.

1 COMPOSITE FLOOR DECK: SHALL CONTAIN THE MINIMUM PROPERTIES SHOWN ON THE STRUCTURAL DRAWINGS AND SHALL BE "FORMLOK" AS MANUFACTURED BY VERCO MANUFACTURING CO., "W COMPOSITE" AS MANUFACTURED BY ASC STEEL DECK, "EPICORE" AS MANUFACTURED BY EPIC METALS, OR PRE-APPROVED EQUAL. THE FLOOR UNITS SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A653, AND GALVANIZED PER ASTM A924. SUBMIT SHOP DRAWINGS SHOWING LAYOUT AND FASTENING PATTERN. ALL ACCESSORIES INCLUDING EDGE FORMS, CLOSURE, ETC. SHALL BE PROVIDED TO COMPLETE THE INSTALLATION OF THE COMPOSITE FLOOR.

METAL ROOF DECK: SHALL CONTAIN THE MINIMUM PROPERTIES SHOWN ON THE STRUCTURAL DRAWINGS AND SHALL BE MANUFACTURED BY VERCO MANUFACTURING CO., ASC STEEL DECK, EPIC METALS, OR PRE-APPROVED EQUAL. THE ROOF DECK SHALL BE FORMED FROM STEEL SHEETS CONFORMING TO ASTM A611 OR A653, AND SHALL BE GALVANIZED PER ASTM A924. THE ROOF DECK SHALL BE PLACED ON THE SUPPORTING FRAMEWORK WITH A MINIMUM END LAP OF TWO INCHES. SUBMIT SHOP DRAWINGS SHOWING LAYOUT AND FASTENING PATTERN. ALL ACCESSORIES SHALL BE PROVIDED TO COMPLETE THE ERECTION OF THE STEEL DECK.

PREFABRICATED METAL STAIRS AND LANDINGS: SHALL BE DESIGNED PER AISC AND IBC REQUIREMENTS. STRINGERS SHALL BE DESIGNED FOR A MINIMUM OF 100 PSF LIVE LOAD. INDIVIDUAL TREADS SHALL BE DESIGNED FOR 300 POUND CONCENTRATED LOAD. THE STAIR DESIGN CALCULATIONS AND SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD SHOWING THE COMPLETE ASSEMBLY AND ATTACHMENTS TO THE SURROUNDING STRUCTURE. THE ATTACHMENTS SHALL BE DETAILED SUCH THAT NO TORQUE IS APPLIED TO THE SURROUNDING STRUCTURAL MEMBERS. THE CALCULATIONS AND SHOP DRAWINGS SHALL BE STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE PROJECT.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PHASE
PERMIT SET

DATE
12/29/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS AND REVISIONS	12/29/2022

SHEET TITLE
GENERAL NOTES

SHEET NO.
S0.02

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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 S240-15 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 S202-15 AND S240-15. 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 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.

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.

SLIP CONNECTIONS: THE STEEL NETWORK "VERTICLIP" OR PRE-APPROVED EQUAL. MATCH CLIP WITH STUD SIZE AND THICKNESS. ATTACH PER MANUFACTURER'S REQUIREMENTS.

CARPENTRY:

NAILS: CONNECTION DESIGNS ARE BASED ON NAILS WITH THE FOLLOWING PROPERTIES:

PENNYWEIGHT	DIAMETER (INCHES)	LENGTH (INCHES)
8d	0.131	2-1/2
10d	0.148	3
16d	0.148	3-1/2
20d	0.192	4

ALL NAILS AND STAPLES SHALL CONFORM TO ASTM F1667 INCLUDING SUPPLEMENT 1.
FOR DIAPHRAGM OR SHEAR WALL NAILING THE FOLLOWING FASTENER TYPES MAY BE USED AT EQUIVALENT SPACING TO THAT SPECIFIED ON PLANS.

WOOD SHEATHING (STRUCTURAL): **SHEATHING ON ROOF SURFACES SHALL BE PLYWOOD ONLY**. SHEATHING ON FLOOR AND WALLS SHALL BE PLYWOOD OR ORIENTED STRAND BOARD (OSB). PLYWOOD SHEATHING SHALL BE 5-PLY MINIMUM WHERE INDICATED AS PERFORMANCE CATEGORY 3/4" OR THICKER. WOOD SHEATHING SHALL BE "STRUCTURAL I" CONFORMING TO PS1-09 AND/OR PS2-10. ALL PANELS SHALL BEAR THE STAMP OF AN APPROVED GRADING AGENCY. SPAN RATING SHALL BE PROVIDED AS FOLLOWS: ROOF FRAMING AT 24"O.C. (32/16); WALLS (32/16); FLOORS (48/24) ALL WOOD SHEATHED WALLS SHALL BE BLOCKED AT ALL PANEL EDGES UNLESS NOTED OTHERWISE.

GLUE-LAMINATED MEMBERS: CONFORM TO ANSI/AITC A190.1. MEMBERS SHALL BE COMBINATION 24F-V4 DOUGLAS FIR (DF) FOR SIMPLE SPANS; AND 24F-V8 DF FOR CANTILEVERED AND/OR CONTINUOUS SPANS (Fb=2400 PSI, Fv=265 PSI, E=1.8X10^6 PSI); AND DF COMBINATION 2 FOR COLUMNS.

FRAMING LUMBER STANDARDS: EACH PIECE SHALL BEAR THE GRADE TRADEMARK OF THE WEST COAST LUMBER INSPECTION BUREAU (WCLIB), WESTERN WOOD PRODUCTS ASSOCIATION (WWPA), OR OTHER AGENCY ACCREDITED BY THE AMERICAN LUMBER STANDARD COMMITTEE (ALSC) TO GRADE UNDER ALSC CERTIFIED GRADING RULES.

SPECIES AND GRADE (BASE DESIGN VALUE)
1. 6x BEAMS AND HEADERS. "DOUG FIR-LARCH" NO. 1 (Fb=1350 PSI, Fv=170 PSI)
2. 2x TO 4x JOISTS, PURLINS AND HEADERS. "DOUG FIR-LARCH" NO. 2 (Fb=900 PSI, Fv=180 PSI) .
3. 6x & 8x POSTS AND COLUMNS. "DOUG FIR-LARCH" NO. 1 (Fc=1000 PSI)
4. EXTERIOR STUDS, INTERIOR BEARING WALLS AND 4x COLUMNS. "DOUG FIR-LARCH" NO. 2 (Fb= 900 PSI, Fc= 1350 PSI).
5. INTERIOR NON-BEARING STUD WALLS. "DOUG FIR-LARCH" NO. 2 (Fb=900 PSI, Fc=1350 PSI)
6. 2x AND 3x T&G DECKING: "DOUG FIR-LARCH" COMMERCIAL (Fb=1450 PSI, E=1700 KSI)
7. THE MINIMUM GRADE OF ALL OTHER STRUCTURAL FRAMING. "DOUG FIR-LARCH" NO. 2 (Fb= 900 PSI, Fc=1350 PSI).
8. UTILITY & STANDARD GRADES NOT PERMITTED.

STRUCTURAL COMPOSITE LUMBER (SCL): SHALL BE MANUFACTURED BY TRUS JOIST, OR PRE-APPROVED EQUAL IN ACCORDANCE WITH APPROVED SHOP AND INSTALLATION DRAWINGS CONFORMING TO A CURRENT EVALUATION REPORT.

MINIMUM DESIGN VALUES:
1. 1-3/4" SCL: Fb = 2,325 PSI, Fv = 310 PSI, E = 1,550 KSI
2. 3-1/2" SCL: Fb = 2900 PSI, Fv = 290 PSI, E = 2000 KSI
3. 5-1/4" SCL: Fb = 2900 PSI, Fv = 290 PSI, E = 2000 KSI

MEMBERS HAVE BEEN DESIGNED TO SERVICEABILITY AND OTHER PERFORMANCE BASED REQUIREMENTS, WHICH MAY EXCEED MINIMUM DESIGN LOADS AND CODE REQUIREMENTS. SUBSTITUTIONS MUST MEET OR EXCEED MOMENT, SHEAR, AND STIFFNESS OF THOSE MEMBERS SPECIFIED AT THE SAME DEPTH AND SPACING.

PRESERVATIVE TREATED WOOD REQUIREMENTS:

TREATMENTS OTHER THAN THOSE LISTED BELOW ARE NOT PERMITTED.

		APPLICATION	SPECIFIED MATERIAL	PRESERVATIVE TREATMENT (1)	CONNECTORS & FASTENERS (2)(3)
EXPOSURE	DRY	FOUNDATION SILL PLATES, TOP PLATES & LEDGERS ON CONCRETE OR MASONRY WALLS (4)	2x, 4x, 6x (FIR), OR GLULAM (SP)	SBX	GALV (G60)
				ACQ, CBA, CA	GALV (G185)

1. CCA: CHROMATED COPPER ARSENATE NOT PERMITTED
   SBX: DOT SODIUM BORATE
   ACQ: ALKALINE COPPER QUAT
   CBA & CA: COPPER AZOLE
   FIR: DOUG-FIR OR HEM-FIR
   SP: SOUTHERN PINE
2. CONNECTORS: JOIST HANGERS, STRAPS, FRAMING CONNECTORS, COLUMN CAPS AND BASES, ETC. FASTENERS: MACHINE BOLTS, ANCHOR BOLTS AND LAG SCREWS WITH ASSOCIATED PLATE WASHERS AND NUTS. NAILS, SPIKES, WOOD SCREWS, ETC.
3. G60, G90 & G185 PER ASTM A653 FOR COLD-FORMED STEEL CONNECTORS. BATCH/POST HOT-DIP GALVANIZED PER ASTM A123 FOR CONNECTORS AND ASTM A153 STRUCTURAL STEEL CONNECTORS. HOT-DIP GALVANIZED PER ASTM A153 FOR FASTENERS OR MECHANICALLY GALVANIZED FASTENERS PER ASTM B695, CLASS 55 OR GREATER.

GENERAL REQUIREMENTS: PROVIDE MINIMUM NAILING PER IBC TABLE 2304.10.1 OR MORE, AS OTHERWISE SHOWN. STAGGER ALL NAILING TO PREVENT SPLITTING OF WOOD MEMBERS. ALL WOOD IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE TREATED WITH THE EXCEPTION OF INTERIOR CONCRETE TOPPINGS ON WOOD FLOOR SYSTEMS. HOLES AND CUTS IN 3x OR 4x PLATES SHOULD BE TREATED WITH A 9% SOLUTION OF COPPER NAPHTHENATE. BOLT HOLES IN WOOD MEMBERS SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER. PROVIDE CUT WASHERS WHERE BOLT HEADS, NUTS AND LAG SCREW HEADS BEAR ON WOOD. PROVIDE A MINIMUM 3"x3"x0.229" PLATE WASHER ON ALL ANCHOR BOLTS WHICH CONNECT MUD SILLS TO FOUNDATION. DO NOT NOTCH OR DRILL STRUCTURAL MEMBERS, EXCEPT AS ALLOWED BY IBC SECTIONS 2308.4.2.4, 2308.5.9, 2308.5.10 AND 2308.7.4 OR AS RESTRICTED BY PLANS OR DETAILS, OR AS APPROVED PRIOR TO INSTALLATION. REFER TO PRESERVATIVE TREATED WOOD REQUIREMENTS IN THESE GENERAL NOTES FOR GALVANIZING REQUIREMENTS FOR CONNECTORS AND FASTENERS.

WOOD SHRINKAGE AND CONSOLIDATION: SHRINKAGE OF WOOD MEMBERS AND CONSOLIDATION OF BEARING WALLS IS EXPECTED FROM TIME OF FRAMING UNTIL AFTER BUILDING IS PUT IN SERVICE. MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEMS SHALL BE CONSTRUCTED TO ACCOMODATE 1/4" OF TOTAL SETTLEMENT PER STORY.

FRAMING CONNECTORS: SHALL CONFORM TO CURRENT EVALUATION REPORT AND BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, SAN LEANDRO, CA., OR PRE-APPROVED EQUAL. PROVIDE MAXIMUM SIZE AND QUANTITY OF NAILS OR BOLTS PER MANUFACTURER, EXCEPT AS NOTED OTHERWISE. PROVIDE LEAD HOLES AS REQUIRED TO PREVENT SPLITTING OF WOOD MEMBERS. REFER TO PRESERVATIVE TREATED WOOD REQUIREMENTS IN THESE GENERAL NOTES FOR GALVANIZING REQUIREMENTS FOR CONNECTORS AND FASTENERS.

LAG SCREWS: SHALL CONFORM TO ANSI/ASME STANDARD B18.2.1. LAG SCREWS SHALL BE OF A DIAMETER INDICATED ON DRAWINGS WITH A MINIMUM OF 8x DIA. EMBEDMENT IN SUPPORTING MEMBER UNLESS NOTED OTHERWISE. CLEARANCE HOLE FOR THE SHANK SHALL BE THE SAME DIAMETER AS THE SHANK AND THE SAME DEPTH OF PENETRATION AS THE UNTHREADED PORTION OF THE SHANK. THE LEAD HOLE FOR THE THREADED PORTION SHALL HAVE A DIAMETER EQUAL TO 60 TO 75 PERCENT OF THE SHANK DIAMETER AND A LENGTH EQUAL TO AT LEAST THE LENGTH OF THE THREADED PORTION. THE THREADED PORTION OF THE SCREW SHALL BE INSERTED IN ITS LEAD HOLE BY TURNING WITH A WRENCH. SOAP OR OTHER LUBRICANT SHALL BE USED ON THE SCREWS OR IN THE LEAD HOLE TO FACILITATE INSERTION AND PREVENT DAMAGE TO THE SCREW. LAG SCREWS SHALL NOT BE DRIVEN WITH A HAMMER. REFER TO PRESERVATIVE TREATED WOOD REQUIREMENTS IN THESE GENERAL NOTES FOR GALVANIZING REQUIREMENTS FOR CONNECTORS AND FASTENERS.

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. ALL SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO INSTALLATION. A LETTER OF APPROVAL SHALL BE SUBMITTED TO THE CITY INSPECTOR AND PLAN REVIEWER PRIOR TO INSTALLATION OF SUBSTITUTION.

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.	METAL DECK	X	X
5.	COLD-FORMED STEEL FRAMING	X	X
6.	PREFABRICATED METAL STAIRS AND LANDINGS	X	X
7.	MISCELLANEOUS STEEL	X	X
8	GLU-LAMINATED MEMBERS	X	X
9.	STRUCTURAL COMPOSITE LUMBER	X	X
10.	CONDUIT EMBEDDED IN CONCRETE	X	X
11.	CONTRACTORS STATEMEN OF RESPONSIBILITY	X	X
12.	MASONRY WALL REINFORCING DRAWINGS	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:

MASONRY

MASONRY ASSEMBLIES: SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 21 OF THE IBC, AND SHALL BE TESTED PER SECTION 2105.1 OF THE IBC FOR COMPLIANCE WITH f'm. MINIMUM SPECIFIED COMPRESSIVE STRENGTH, f'm, SHALL BE 2000 PSI FOR CONCRETE MASONRY ASSEMBLIES.

HOLLOW CONCRETE MASONRY UNITS (CMU): SHALL CONFORM TO ASTM C90. MINIMUM FACE SHELL THICKNESS AS DEFINED BY ASTM C90, SECTION 5.3.1. PROVIDE GRADE N, MEDIUM WEIGHT BLOCK WITH MINIMUM SPECIFIED COMPRESSIVE STRENGTH AS NOTED ABOVE. CMU CONSTRUCTION SHALL BE SOLID GROUTED UNLESS NOTED OTHERWISE.

MORTAR IN STRUCTURAL WALLS: SHALL BE TYPE S PER THE IBC. CONFORM TO ASTM C270. MINIMUM COMPRESSIVE STRENGTH = 1800 PSI.

GROUT: GROUT FOR POURING SHALL BE A FLUID CONSISTENCY. CONFORM TO ASTM C476 AND TMS 402. f'g=2500 PSI MINIMUM AT 28 DAYS.

GROUT SHALL BE CONSOLIDATED BY MECHANICAL VIBRATION DURING PLACEMENT AND BEFORE LOSS OF PLASTICITY IN A MANNER TO FILL THE GROUT SPACE. GROUT POURS GREATER THAN 12 INCHES SHALL BE RECONSOLIDATED BY MECHANICAL VIBRATION 15 TO 20 MINUTES AFTER PLACEMENT TO MINIMIZE VOIDS DUE TO WATER LOSS. GROUT POURS 12 INCHES OR LESS IN HEIGHT SHALL BE MECHANICALLY VIBRATED, OR PUDDLED. COVER AND KEEP DRY ALL MASONRY WORK DURING CONSTRUCTION AND PREVENT MOISTURE ABSORPTION INTO MASONRY UNTIL THE ROOFING IS COMPLETE.

HIGH LIFT GROUTING: HIGH LIFT GROUTING SHALL ONLY BE ALLOWED WITH PRIOR WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER AND THE LOCAL BUILDING OFFICIAL. THE MASONRY CONTRACTOR SHALL REQUEST WRITTEN APPROVAL A MINIMUM OF (10) DAYS PRIOR TO PROCEEDING SITE MOBILIZATION. THIS SHALL APPLY TO UNIT MASONRY GROUTED IN POURS HIGHER THAN 5 FEET 4 INCHES. THE MASONRY CONTRACTOR SHALL SUBMIT QUALIFICATIONS TO PERFORM HIGH POUR GROUTING ADDRESSING EACH OF THE FOLLOWING ITEMS AND OTHERS THEY DEEM IMPORTANT WITHIN THE WRITTEN SUBMISSION:

1. REFERENCE: IBC SECTION 2104, TMS 402 AND TMS 602.
2. UNIT AND GROUTING CREWS SHALL HAVE A MINIMUM 5 YEARS SUCCESSFUL COMMERCIAL BUILDING EXPERIENCE WITH HIGH POUR GROUTING PROJECTS SIMILAR OR MORE ELABORATE THAN THIS PROJECT. LIST THREE PROJECTS WITH A CONTACT.
3. SOLID GROUT ONLY. NO PARTIAL GROUT IS PERMITTED.
4. A POUR SHALL NOT EXCEED ONE STORY LEVEL, OR 16 FEET MAXIMUM.
5. PLACE GROUT IN 5 FOOT 4 INCH HIGH LIFTS MAXIMUM ALLOWING MINIMUM OF 30 MINUTES AND MAXIMUM OF 1 HOUR BEFORE POURING NEXT LIFT. GROUT SHALL BE CONSOLIDATED BY PUDDLING OR VIBRATING AT TIME OF POURING AND THEN RECONSOLIDATED BEFORE PLASTICITY IS LOST. RECONSOLIDATION MAY OCCUR AS NEXT LIFT IS POURED.
6. FINE AND COURSE GROUT LIMITATION ON POUR HEIGHT SHALL BE DETERMINED BY CALCULATION AND/OR TMS 402, TABLE 3.2.1.
7. DESIGN MIX SHALL BE SUBMITTED LISTING ALL MATERIALS, PROPORTIONS AND PRODUCT NAMES FOR THE PLACING MIX. READY MIX SUPPLIED DESIGNS SHALL NOT BE SUPPLEMENTED WITH SITE ADDED ADMIXTURES WITHOUT PRIOR APPROVAL BY THE STRUCTURAL ENGINEER AND BUILDING OFFICIAL.
8. MID RANGE WATER REDUCER PLASTICIZER ADDITIVE SHALL BE IN THE GROUT.
9. MORTAR SHALL BE PARGED FLUSH WITH THE INNER WALLS OF THE CELLS.
10. MORTAR SHALL CURE ADEQUATELY ACCOUNTING FOR GROUT PRESSURES AT THE LOWER LEVELS OF THE WALL PRIOR TO GROUTING. THE MORTAR PLACED LAST SHALL CURE AT LEAST 24 HOURS. USE MORTAR STRENGTH TESTS TO VERIFY CURING.
11. CLEANOUTS AT EACH VERTICAL BAR, BUT NOT EXCEEDING 32" ON CENTER. MINIMUM DIMENSION OF A CLEANOUT SHALL BE 3".
12. MECHANICAL VIBRATION REQUIRED THROUGHOUT THE LIFT HEIGHT.
13. HORIZONTAL LENGTH OF A GROUTING OPERATION SHALL BE LIMITED TO 24 FEET.
14. WHERE CLEANOUTS ARE NOT PERMITTED FOR EXPOSED MASONRY: GROUT POUR HEIGHTS SHALL BE 1/2 THAT PERMITTED WITH CLEANOUTS. COVER THE TOP OF WALL TO DEFLECT WATER AND DEBRIS. TEMPORARY BLEED INDICATOR HOLES SHALL BE PROVIDED AT EACH VERTICAL BAR BUT NOT EXCEEDING 32 INCHES ON CENTER AND AT 48 INCHES ON CENTER VERTICALLY. MAKE A HOLE PLUG USING A 16d NAIL OR SIMILAR. THE PLUG SHALL BE INSTALLED IN BED JOINTS AND SHALL CONNECT TO AN OPEN MAIN CELL WITHOUT OBSTRUCTION. INSTALL THE PLUG AFTER GROUT HAS BLED FROM THE HOLE. AFTER THE GROUT HAS CURED, REMOVE THE PLUG AND FILL THE HOLE WITH MATCHING MORTAR.
15. PROVIDE LATERAL SHORING CAPABLE OF RESISTING FORCES DEFINED BY SEI/ASCE STANDARD NO. 37-14, "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION."

REQUIREMENTS FOR ALL-WEATHER MASONRY CONSTRUCTION: HOT AND COLD WEATHER CONSTRUCTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH TMS 602 "SPECIFICATION FOR MASONRY STRUCTURES", ARTICLES 1.8C AND 1.8D.

REINFORCING STEEL (MASONRY): REINFORCING SHALL CONFORM TO ASTM A615, GRADE 60 (GRADE A706 FOR WELDED BARS UNLESS NOTED OTHERWISE). DETAIL, FABRICATE AND PLACE PER ACI 315 AND ACI 318. SPLICES SHALL BE AS NOTED BELOW.

MINIMUM LAP SPLICE LENGTHS "L_d" FOR TYPICAL CONDITIONS (1)					
BAR SIZE	CORNER BARS	FOUNDATION DOWELS (2)	VERTICAL WALL REINFORCING	HORIZONTAL WALL REINFORCING	LONG. LINTEL REINFORCING
#4	20"	20"	20"	20"	20"
#5	30"	30"	30"	30"	30"
#6	40"	40"	54"	40"	60"

(1) FOR SPECIAL SPLICE CONDITIONS, REFER TO STRUCTURAL DRAWINGS FOR LAP LENGTH REQUIREMENTS.
(2) FOR LAP SPLICES OF FOUNDATION DOWELS IN CANTILEVERED WALLS, USE LAP SPLICE LENGTHS FOR VERTICAL WALL REINFORCING.

VERTICAL BAR POSITIONERS: VERTICAL REINFORCING SHALL BE SECURED AGAINST DISPLACEMENT PRIOR TO GROUTING BY "FIGURE 8" VERTICAL BAR POSITIONERS FOR SINGLY AND DOUBLY REINFORCED CELLS BY WIRE-BOND OR PRE-APPROVED EQUAL.

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CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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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		
	VERIFY USE OF PROPER MATERIALS, 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	MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS		X		AISC 360 CHAPTER N5
	HIGH-STRENGTH BOLTING A. SNUG-TIGHT JOINTS		X		AISC 360 CHAPTER N5 AISC 341 CHAPTER J7
	MATERIAL VERIFICATION OF STRUCTURAL STEEL A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360 B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS		X X	MANUFACTURER TO PROVIDE CERTIFIED MILL TEST REPORTS	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6
	MATERIAL VERIFICATION OF WELD FILLER MATERIALS A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATIONS LISTED IN GENERAL NOTES B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE		X X	MANUFACTURER TO PROVIDE CERTIFICATE OF COMPLIANCE	AISC 360 CHAPTER N5
	INSPECTION OF WELDING A. COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS B. MULTI-PASS FILLET WELDS C. SINGLE-PASS FILLET WELDS > 5/16" D. PLUG AND SLOT WELDS E. SINGLE-PASS FILLET WELDS ≤ 5/16" F. FIELD-INSTALLED WELDED STUDS G. WELDING OF STAIRS AND RAILING SYSTEMS	X X X X	 X X X	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 APPROVAL OF THE BUILDING OFFICIAL.	AISC 360 CHAPTER N5 AISC 341 CHAPTER J6 AWS D1.1
STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	MATERIAL VERIFICATION OF COLD-FORMED STEEL DECK: A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFIED TEST REPORTS		X X		APPLICABLE ASTM MATERIAL STANDARDS & IBC 2210.1.1
	INSPECTION OF WELDING A. COLD-FORM STEEL DECK WELDS		X		AWS D1.3 AWS D1.4
CONCRETE	INSPECT REINFORCEMENT AND VERIFY PLACEMENT		X	SPECIAL INSPECTIONS NOT REQUIRED FOR THE FOLLOWING CONDITIONS: NON-STRUCTURAL SLAB ON GRADE	ACI 318: CH 20, 25.2, 25.3, 26.6-1 TO 26.6-3, IBC 1908.4
	ANCHORS CAST IN CONCRETE-PRIOR TO AND DURING PLACEMENT OF CONCRETE		X		ACI 318: 17.8.2 AISC 360 SECTION N7
	VERIFY USE OF REQUIRED DESIGN MIX		X		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			ASTM C172, C31 ACI 318: 26.4, 26.12 IBC 1908.10
	CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION	X			ACI 318: 26.5 IBC 1908.6, 1908.7, 1908.8
	MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X		ACI 318: 26.5.3 TO 26.5.5 IBC 1908.9
	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: 17.8.2 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	ANCHORS POST-INSTALLED IN HARDENED CONCRETE (ADHESIVE ANCHORS INSTALLED HORIZONTAL OR UPWARDLY INCLINED)	X			ACI 318: 17.8.2 MFR EVAL REPORT MFR PUBLISHED INSTALLATION INSTRUCTIONS
	MATERIAL VERIFICATION OF REINFORCEMENT STEEL FOR ASTM A615 REINFORCING		X	MANUFACTURER SHALL PROVIDE MILL TEST REPORTS.	ACI 318: 26.6.4 AWS D1.4 IBC 1705.3.1
	TESTING OF MATERIALS		X		IBC 1705.3.2
WOOD FRAMING	SHEAR WALL NAILING		X	SPECIAL INSPECTION NOT REQUIRED FOR FASTENER SPACING > 4" O.C.	IBC 1705.11.1, 1705.12.2, 1705.5
	NAILING, BOLTING, AND ANCHORAGE OF COMPONENTS THAT ARE PART OF DRAG STRUTS, BRACES AND HOLD-DOWNS THAT ARE PART OF THE SEISMIC RESISTING SYSTEM		X		IBC 1705.11.1, 1705.12.2
MASONRY	PROPORTION OF SITE-PREPARED MORTAR		X		TMS 602, ART 2.1, 2.6A & 2.6C
	GRADE, TYPE AND SIZE OF REINFORCEMENT, CONNECTORS AND ANCHOR BOLTS		X		TMS 602, ART 2.4B, & 2.4H
	SAMPLE PANEL CONSTRUCTION		X		TMS 602: ART 1.6D
	GROUT SPACE		X		TMS 602: ART 3.2D & 3.2F
	PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHOR BOLTS		X		TMS 402: SECT. 6.1, 6.3.1, 6.3.6 & 6.3.7, TMS 602: ART 3.2E & 3.4
	PROPORTIONS OF SITE-PREPARED GROUT	X	X		TMS 602: ART 2.6B & 2.4G.1.b
	MATERIALS AND PROCEDURES WITH THE APPROVED SUBMITTALS		X		TMS 602: ART 1.5
	PLACEMENT OF MASONRY UNITS AND MORTAR JOINT CONSTRUCTION		X		TMS 602: ART 3.3B
	TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES OR OTHER CONSTRUCTION		X		TMS 402: SECT. 1.2.1(e), 6.2.1 & 6.3.1
	POST INSTALLED ANCHORS INTO MASONRY	X			MFR EVAL REPORT
	PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90°F)		X		TMS 602: ART 1.8C & 1.8D
	PLACEMENT OF GROUT	X			TMS 602: ART 3.5 & 3.6C
	OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS		X		TMS 602: ART 1.4B.2.a.3, 1.4B.2.b.3, 1.4B.2.c.3, 1.4B.3 & 1.4B.4

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.

ABBREVIATION LIST

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

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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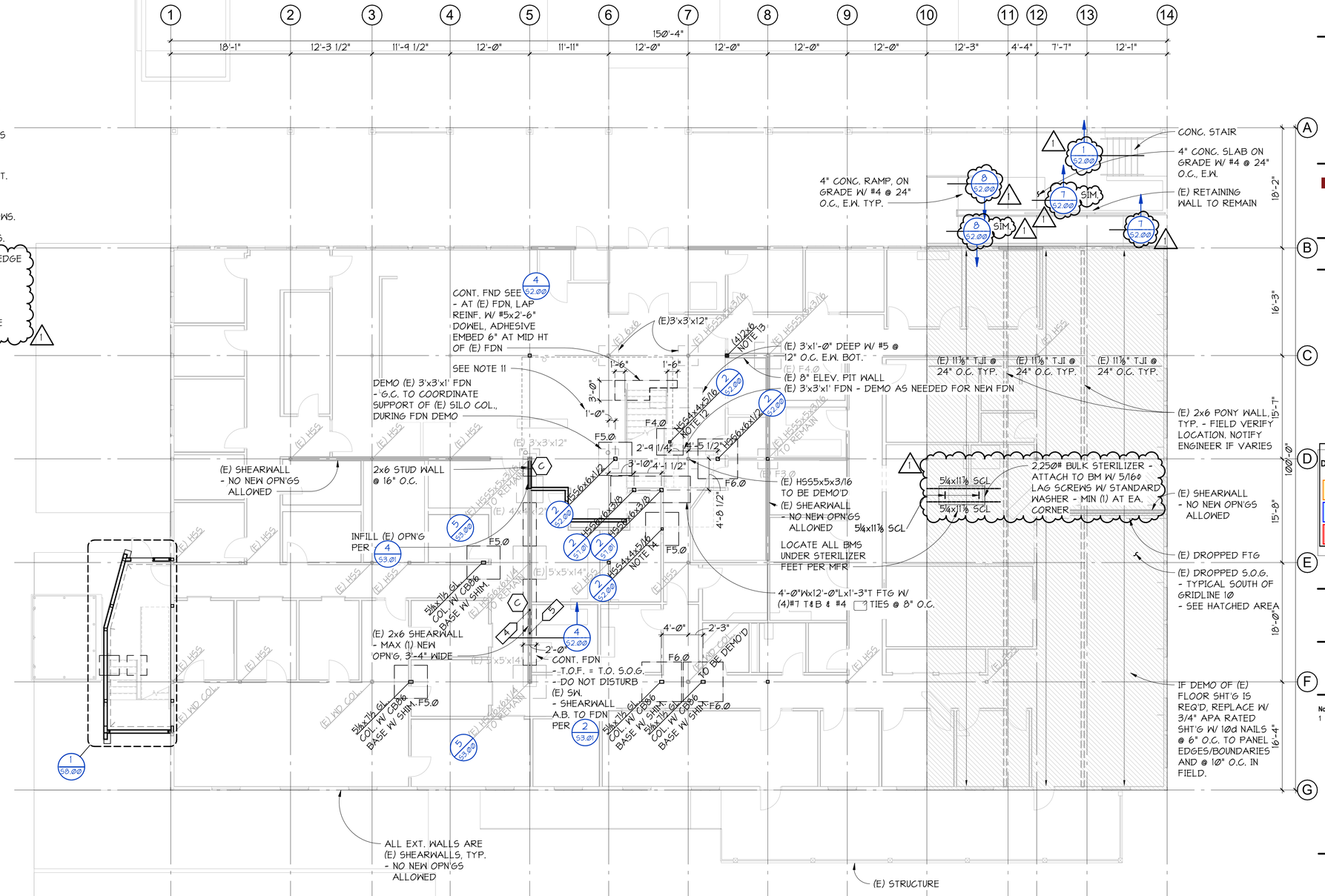
FOUNDATION NOTES

1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. TOP OF SLAB = Ø'-Ø" UNLESS NOTED OTHERWISE.
2. "F_" INDICATES CONCRETE SPREAD FOOTING. SEE 5/52.ØØ FOR SCHEDULE.
3. HSS INDICATES HOLLOW STRUCTURAL SECTION COLUMNS ORIGINATING AT FOUNDATION.
4. X OR X INDICATES SPECIAL WOOD STUD WALL TYPE. SEE 1/53.ØØ FOR SCHEDULE.
5. INDICATES HOLDOWN. SEE 1/53.ØØ FOR SCHEDULE.
6. FOR TYPICAL CONCRETE SLAB-ON-GRADE DETAILS SEE 52.ØØ.
7. FOR TYPICAL CONCRETE STAIR-ON-GRADE SEE 1/52.ØØ.
8. FOR TYPICAL EXCAVATION LIMITATIONS IN THE PROXIMITY OF FOUNDATIONS SEE DETAIL 6/52.ØØ.
9. NON-STRUCTURAL STUD WALLS ARE NOT SHOWN OR SHOWN SCREENED. FOR LOCATION SEE ARCHITECTURAL DRAWINGS. FOR BRACING AT TOPS OF WALLS SEE S6.ØØ.
10. ALL EXISTING AND NEW SHEARWALL SHEATHING TO RUN CONTINUOUS PAST INTERSECTING WALLS.
11. VERIFY FIT OF NEW WOOD ROOF BMS WITH EXISTING STEEL SILO FRAMING PRIOR TO NEW FOUNDATION AND HSS COLUMN PLACEMENT.
12. ALIGN COLUMN WITH CENTERLINE OF BEAM ABOVE.
13. LAMINATE WOOD STUDS WITH (2) ROWS 10d @ 6" O.C. STAGGER ROWS.
14. SEE 3/53.ØØ AND 4/53.ØØ FOR ALLOWABLE HOLES IN STUD WALLS.
15. FOR DETAIL AT EXISTING SLAB EDGE CONNECTION TO NEW SLAB EDGE SEE 3/52.ØØ
16. FOR DETAIL AT CMU MECH SCREEN WALL AT PARKING LOT, SEE 9/52.ØØ
17. FOR DETAIL AT MECH UNIT ANCHORAGE AT PARKING LOT ODU, SEE 10/52.ØØ



NORTH

1 / 51.ØØ FOUNDATION PLAN
1/8" = 1'-Ø"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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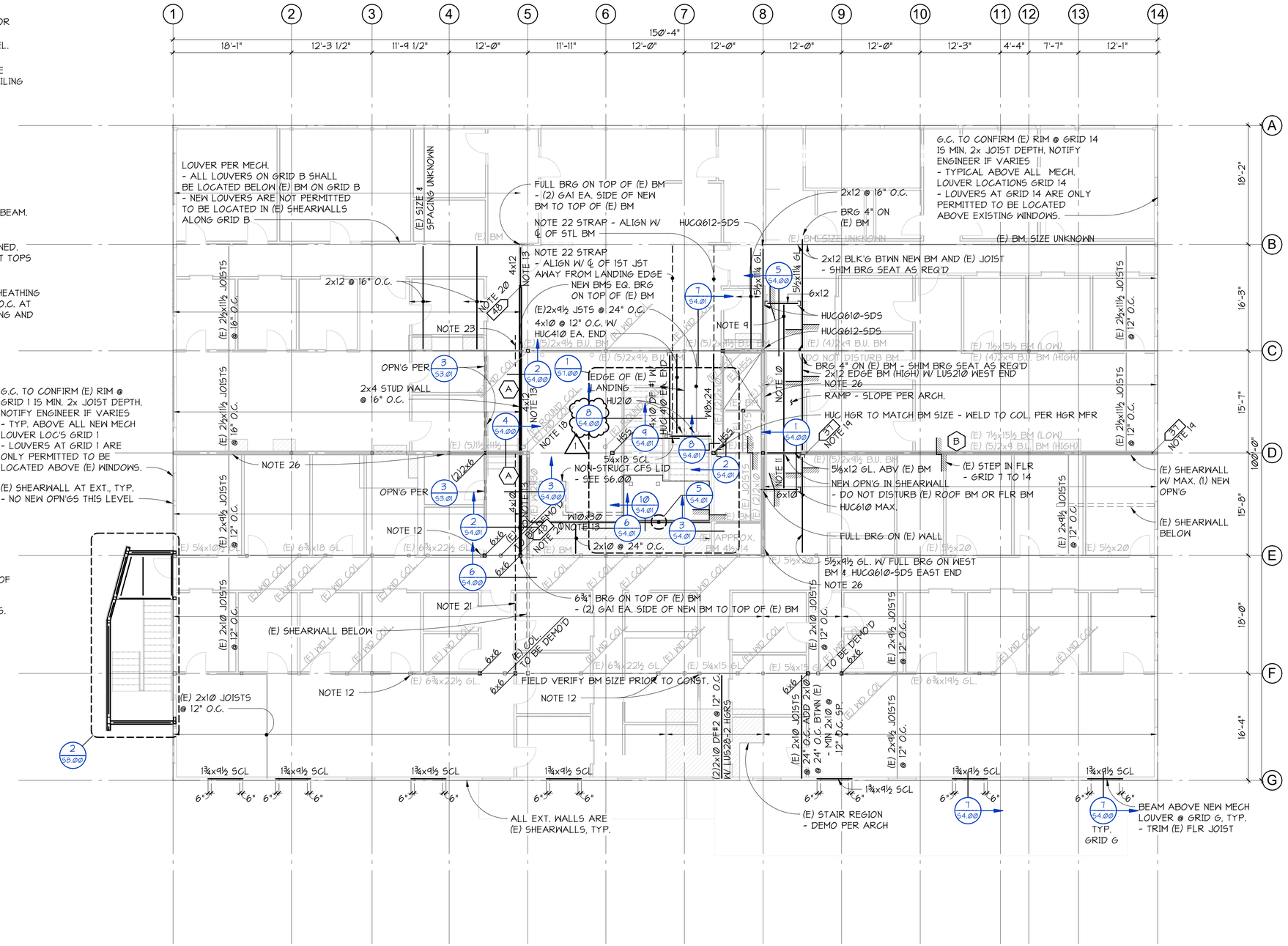
FLOOR FRAMING NOTES

1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS. FINISH FLOOR = Ø'-Ø" ABOVE FINISH FLOOR UNLESS NOTED OTHERWISE.
2. INDICATES WALL EXTENDING TO FLOOR STRUCTURE.
3. HSS5 — INDICATES TYPE OF CONTINUOUS COLUMN FROM LEVEL BELOW AND CONTINUING ON TO LEVEL ABOVE.
4. 6x6 — INDICATES WOOD POST ORIGINATING AT FLOOR LEVEL.
5. (E)COL. — INDICATES EXISTING COLUMN ORIGINATING AT FLOOR LEVEL.
6. INDICATES COLUMN DISCONTINUING AT FLOOR LEVEL.
7. (X) OR (X) — INDICATES SPECIAL WOOD SHEAR WALL TYPE. SEE 1/S3.ØØ FOR SCHEDULE. APPLY SHEATHING AND NAILING ON SIDE OF SHEAR WALL WITH SYMBOL.
8. INDICATES HOLDOWN. SEE 1/S3.Ø1 FOR SCHEDULE.
9. 2x1Ø @ 12" O.C. WITH SLOPED SEAT LUS21Ø.
10. 2x12 @ 12" O.C. WITH SLOPED SEAT LUS21Ø.
11. 2x8 @ 12" O.C. WITH SLOPED SEAT LUS28.
12. NEW COLUMN BELOW WITH CCQT8SDS2.5 TO BOTTOM OF EXISTING BEAM.
13. BEAM TO BE CENTERED IN WALL.
14. NON-STRUCTURAL STUD WALLS ARE NOT SHOWN OR SHOWN SCREENED. FOR LOCATION SEE ARCHITECTURAL DRAWINGS. FOR BRACING AT TOPS OF WALLS SEE S6.ØØ.
15. EXISTING FLOOR SHEATHING AND NAILING IS 15/32" APA RATED SHEATHING (PLUGGED) WITH NAILS THROUGH TO EXISTING JOISTS W/ 1Ød @ 6" O.C. AT EDGES AND BOUNDARY, AND AT @ 12" O.C. IN FIELD. NEW SHEATHING AND NAILING TO MATCH.
16. FIELD VERIFY SIZE AND SPACING OF ALL EXISTING BEAMS AND JOISTS LISTED ON THIS PLAN. NOTIFY ENGINEER IF SIZES VARY.
17. ALL EXISTING AND NEW SHEARWALL SHEATHING TO RUN CONTINUOUS PAST INTERSECTING WALLS.
18. EXISTING COLUMNS TO REMAIN. FIELD VERIFY SIZE AND LOCATION.
19. STRAP FACE OF SHEARWALL AT DOUBLE 2x STUD TO EXISTING BM. LAP 18" OF STRAP OVER BEAM.
20. HOLDOWN STRAPS TO UNDERSIDE OF BEAM.
21. CMST14x33' CONTINUOUS STRAP ON TOP OF THE FLOOR SHEATHING WITH 16d NAILS EACH HOLE. MINIMUM (2)2x6 UNDERNEATH STRAP.
22. CMST14x28' WITH MINIMUM (2)2x JOIST DEPTH BENEATH STRAP.
23. (2) MST3T STRAPS ON SIDE OF BEAM WITH (42) 16d NAILS EACH. CENTER THE STRAP ON GRID C.
24. CONTRACTOR TO SHORE EXISTING BEAMS PRIOR TO DEMOLITION OF EXISTING COLUMNS.
25. SEE 3/S3.ØØ AND 4/S3.ØØ FOR ALLOWABLE HOLES IN STUD WALLS.
26. EXISTING SHEARWALL, NO NEW OPENINGS ALLOWED.
27. NO PENETRATIONS ALLOWED IN EXISTING BEAMS.

G.C. TO CONFIRM (E) RIM @ GRID 1 IS MIN. 2x JOIST DEPTH. NOTIFY ENGINEER IF VARIES - TYP. ABOVE ALL NEW MECH LOUVER LOC'S GRID 1 - LOUVERS AT GRID 1 ARE ONLY PERMITTED TO BE LOCATED ABOVE (E) WINDOWS.

(E) SHEARWALL AT EXT., TYP. - NO NEW OPN'GS THIS LEVEL


1 2 3 4 5 6 7 8 9 10 11 12 13 14
150'-4"
18'-1" 12'-3 1/2" 11'-9 1/2" 12'-Ø" 11'-11" 12'-Ø" 12'-Ø" 12'-Ø" 12'-Ø" 12'-3" 4'-4" 7'-7" 12'-1"
A B C D E F G
18'-2" 16'-3" 15'-1" 10Ø'-Ø" 15'-Ø" 18'-Ø" 16'-4"
LOUVER PER MECH. - ALL LOUVERS ON GRID B SHALL BE LOCATED BELOW (E) BM ON GRID B - NEW LOUVERS ARE NOT PERMITTED TO BE LOCATED IN (E) SHEARWALLS ALONG GRID B
(E) SIZE & SPACING UNKNOWN
FULL BRG ON TOP OF (E) BM - (2) GAI EA. SIDE OF NEW BM TO TOP OF (E) BM
NOTE 22 STRAP - ALIGN W/ ℄ OF STL BM
HUCQ612-SDS
2x12 @ 16" O.C.
BRG 4" ON (E) BM
(E) BM SIZE UNKNOWN
G.C. TO CONFIRM (E) RIM @ GRID 14 IS MIN. 2x JOIST DEPTH. NOTIFY ENGINEER IF VARIES - TYPICAL ABOVE ALL MECH. LOUVER LOCATIONS GRID 14 - LOUVERS AT GRID 14 ARE ONLY PERMITTED TO BE LOCATED ABOVE EXISTING WINDOWS.
(E) BM SIZE UNKNOWN
NOTE 22 STRAP - ALIGN W/ ℄ OF 1ST JST AWAY FROM LANDING EDGE
NEW BMS EQ. BRG ON TOP OF (E) BM
(E)2x9½ JSTS @ 24" O.C.
4x1Ø @ 12" O.C. W/ HUC41Ø EA. END
2x12 BLK'G BTWN NEW BM AND (E) JOIST - SHIM BRG SEAT AS REQ'D
6x12
HUCQ61Ø-5DS
HUCQ612-5DS
(E) 2½x11½ JOISTS @ 16" O.C.
(E) 2½x11½ JOISTS @ 12" O.C.
NOTE 23
NOTE 20
NOTE 13
NOTE 9
(E) 5½x11¼ GL.
(E) 5½x20
(E) 6¾x18 GL.
(E) 6¾x22½ GL.
(E) 5¼x15 GL.
(E) 6¾x19½ GL.
(E) 5¼x10½ GL.
(E) 5¼x18 GL.
(E) 5½x24 GL.
(E) 5½x15 GL.
(E) 5½x18 GL.
(E) 5½x20 GL.
(E) 5½x22½

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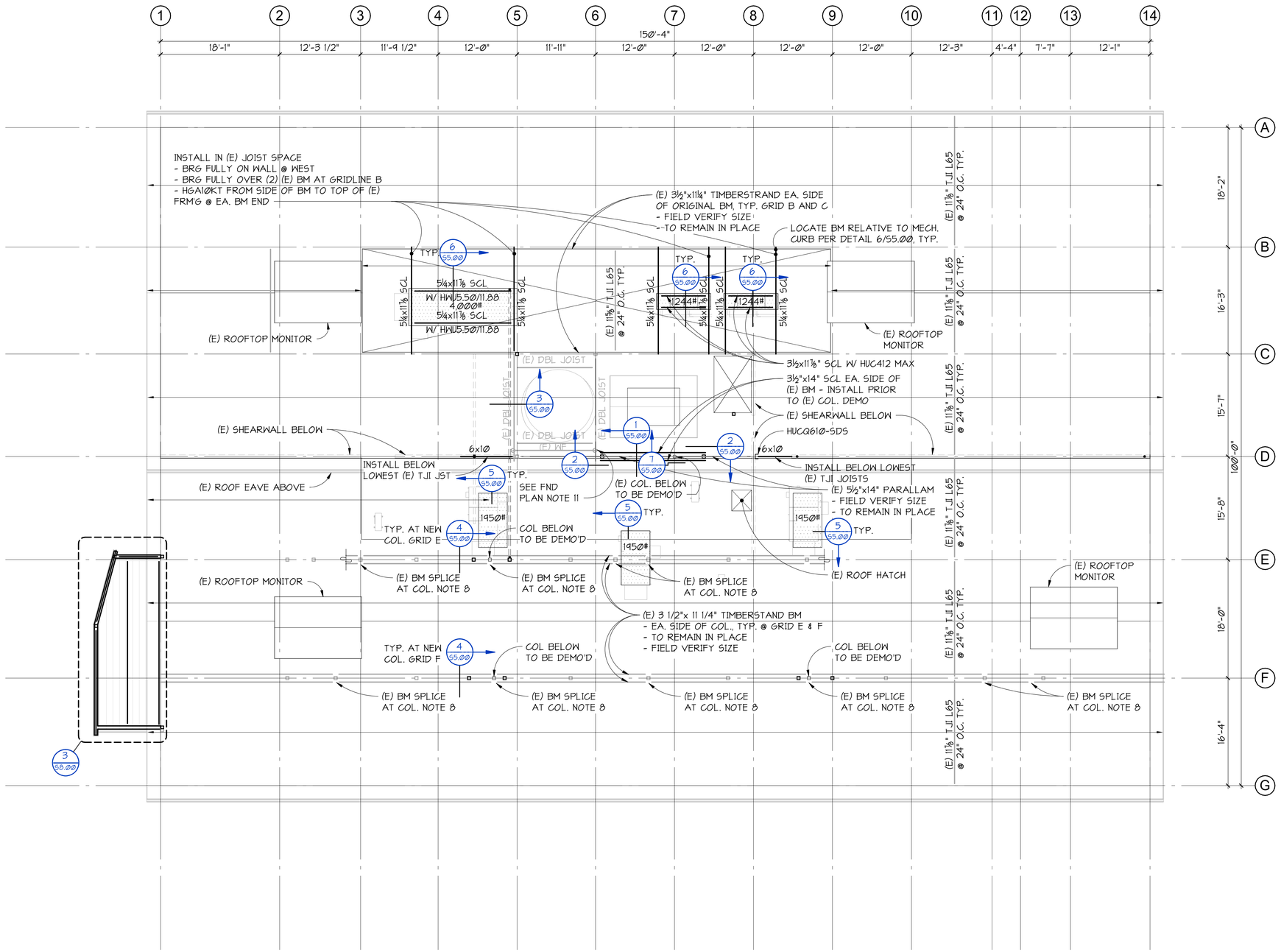
ROOF FRAMING NOTES

1. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
2. INDICATES WALL EXTENDING TO ROOF STRUCTURE.
3. INDICATES PENETRATION IN ROOF STRUCTURE.
4. INDICATES COLUMN DISCONTINUING AT ROOF LEVEL.
5. ALL EXISTING AND NEW SHEARWALL SHEATHING TO RUN CONTINUOUS PAST INTERSECTING WALLS.
6. EXISTING ROOF SHEATHING AND NAILING IS 15/32" APA RATED SHEATHING (32/16) W/ 10D @ 6" O.C. AT EDGES AND BOUNDARY AND @ 12" O.C. IN FIELD. NEW SHEATHING AND NAILING TO MATCH.
7. AT MECHANICAL WELL (GRIDS 3-9 & B-C): EXISTING ROOF SHEATHING AND NAILING IS 3/4" APA RATED SHEATHING (48/24) W/ 10d @ 6" O.C. EDGES, 8" O.C. @ BOUNDARIES, AND 12" O.C. IN FIELD. NEW SHEATHING AND NAILING TO MATCH.
8. FIELD VERIFY LOCATION OF ALL LISTED EXISTING BEAM SPLICES.
9. 1500# INDICATES MECHANICAL UNIT AND MAXIMUM WEIGHT. SEE MECHANICAL FOR OPENINGS IN ROOF AND PROVIDE FRAMING AROUND OPENINGS PER PLAN.
10. NO PENETRATIONS ALLOWED IN EXISTING BEAMS.



NORTH

1 / S1.02 ROOF FRAMING PLAN

1/8" = 1'-0"

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
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No.	Description	Date

SHEET TITLE
ROOF FRAMING PLAN

SHEET NO.
S1.02

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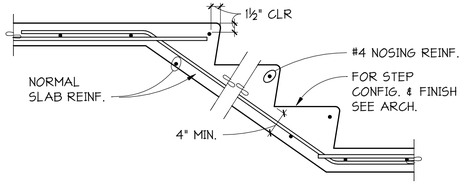
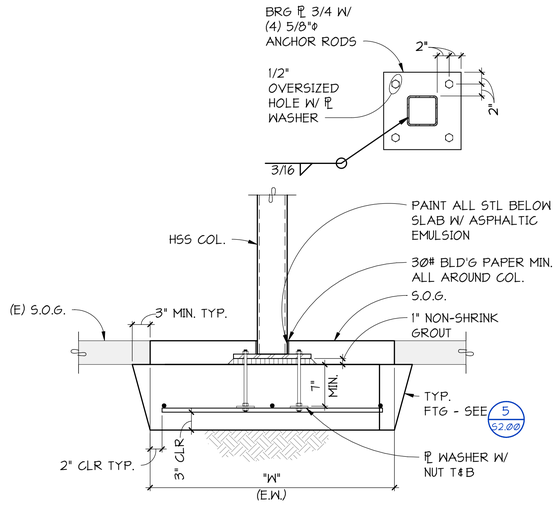


TYPICAL STAIR ON GRADE

1 S2.00 SECTION
NO SCALE



TYPICAL CONCRETE SPREAD FOOTING AT EXISTING SLAB ON GRADE

2 S2.00 SECTION
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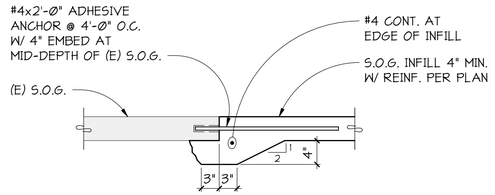
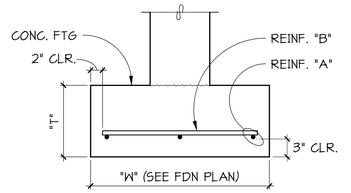


TYPICAL SLAB ON GRADE CONNECTION TO EXISTING SLAB ON GRADE

3 S2.00 SECTION
NO SCALE



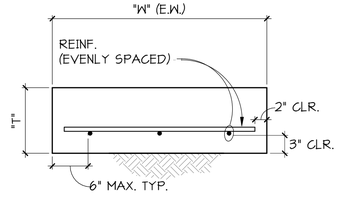
WIDTH "W"	"T"	REINFORCEMENT "A" CONT.	REINFORCEMENT "B"
2'-Ø"	14"	(3) #5 T&B (NOTES 4&5)	#4 @ 18" O.C.
3'-Ø"	14"	(4) #5	#4 @ 18" O.C.

NOTES:
1. FOOTINGS SHALL BEAR ON UNDISTURBED OR COMPACTED MATERIAL PER GENERAL NOTES.
2. EXTEND FOOTINGS 6" MINIMUM PAST ENDS OF WALL UNLESS OTHERWISE NOTED.
3. WHERE FOOTINGS CHANGE WIDTHS LAP REINFORCEMENT "A". LAP SPLICE PER GENERAL NOTES.
4. AT EACH END OF FOUNDATION, INSTALL #5 X 2'-Ø BARS LAPPING WITH REINFORCEMENT "A". ADHESIVE DOWEL INTO EXISTING FOUNDATION X 4".
5. DOWEL TO EXISTING SLAB ON GRADE WITH #4x2'-Ø" ADHESIVE ANCHOR @ 3'-Ø" O.C. W/ 4" EMBED AT MID DEPTH OF EXISTING SLAB ON GRADE.

TYPICAL CONTINUOUS FOOTING

4 S2.00 SECTION
NO SCALE

MARK	DIMENSIONS "W"	DIMENSIONS "T"	REINFORCEMENT EACH WAY
F4.0	4'-Ø"	12"	(5) #5
F5.0	5'-Ø"	12"	(5) #5
F6.0	6'-Ø"	14"	(6) #6

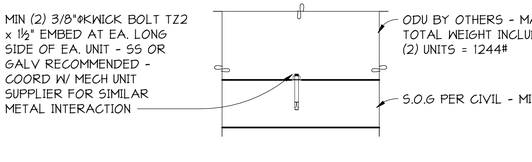


NOTES:
1. CENTER ALL FOOTINGS ON COLUMN ABOVE EXCEPT AS SHOWN OTHERWISE.
2. FOOTINGS SHALL BEAR ON UNDISTURBED OR COMPACTED MATERIAL PER GENERAL NOTES. DESIGN BEARING PRESSURE IS 1500 POUNDS PER SQUARE FOOT.

TYPICAL CONCRETE SPREAD FOOTING

SECTION

5 S2.00 SECTION
NO SCALE

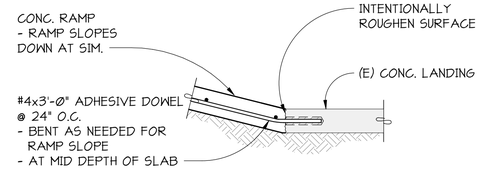


TYPICAL FOR PARALLEL PIPES ADJACENT TO FOOTINGS

TYPICAL FOR PERPENDICULAR PIPES UNDER FOOTINGS

NOTES:
1. FOUNDATIONS SHALL NOT BE LOADED PRIOR TO COMPLETING STRUCTURAL BACKFILL UNDER AND NEAR FOOTINGS.
2. CONCRETE BACKFILL SHALL BE USED UNDER FOOTINGS WHERE 95% COMPACTION CANNOT BE ACCOMPLISHED.
3. ALL STRUCTURAL BACKFILL NOTED SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY PER ASTM.
4. A PIPE SLEEVE SHALL BE PROVIDED FOR SHALLOW PIPES CAST IN CONCRETE.
5. PIPES SHALL NOT BE PLACED IN THE FOOTING WITHOUT SPECIFIC APPROVAL FROM THE ENGINEER.
6. FOR VARIATIONS CONTACT ENGINEER.

6 S2.00 SECTION
NO SCALE



7 S2.00 SECTION
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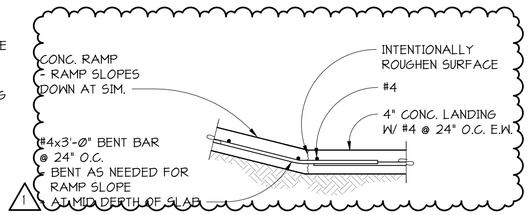

8 S2.00 SECTION
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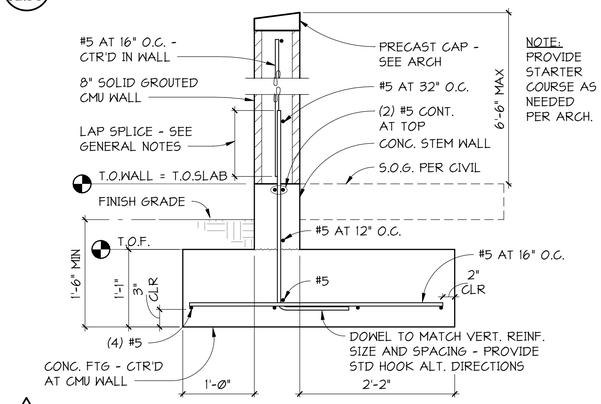
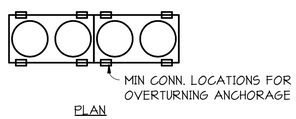


1 PARKING LOT MECH SCREEN WALL
9 S2.00 SECTION
NO SCALE



PLAN

1 PARKING LOT ODU ANCHORAGE FOR 20 TON TURYE24Ø3BN4ØA
10 S2.00 SECTION
NO SCALE

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CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
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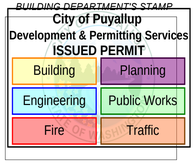

PHASE

PERMIT SET

DATE

12/29/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS AND REVISIONS	12/29/2022

SHEET TITLE

SLAB ON GRADE AND FOUNDATION DETAILS

SHEET NO.

S2.00

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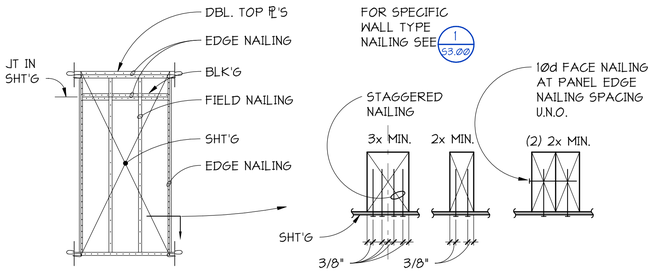
STUD WALL CONSTRUCTION SCHEDULE										
TABLE 1 - SHEAR WALL REQUIREMENTS										
MARK	WALL SHEATHING	SIDES WITH SHEATHING	SHEATHING NAILS NOTE 2	EDGE NAILING ON CENTER	EDGE FRAMING NOTE 5	FIELD NAILING ON CENTER	BOTTOM PLATE NOTE 6	BOTTOM PLATE NAILING	3/4" ANCHOR BOLT SPACING (EMBED 7" MINIMUM)	RIM/BLOCKING CONNECTOR TO TOP PLATE BELOW
⟨A⟩	15/32"	(1)	10d	6"	2x	12"	2x	(2) ROWS .22x6" SDWS @ 4" O.C. STAGGERED ROWS	48"	A35 @ 24" O.C.
⟨B⟩	15/32"	(1)	10d	4"	2x	12"	2x	.22x6" SDWS @ 3" O.C.	36"	A35 @ 16" O.C.
⟨C⟩	15/32"	(2)	10d	2"	3x	12"	3x	NA	16"	A35 @ 10" O.C.

NOTES:

1. ⟨X⟩ INDICATES SPECIAL STRUCTURAL WALL MARK.
2. ALL DESIGNATED SHEAR WALLS SHALL BE BLOCKED AT ALL SHEATHING EDGES. EDGE NAILING APPLIES TO ALL TOP AND BOTTOM PLATES, VERTICAL JOINTS, HORIZONTAL BLOCKED JOINTS, WALL CORNERS, AND HOLDOWN ANCHORED STUDS.
3. WHERE BEAMS OR HEADERS FRAME INTO WALLS AND A COLUMN IS NOT CALLED OUT, PROVIDE BUILT-UP COLUMNS PER 2/S3.00 FOR BEAM PERPENDICULAR TO WALL.
4. PROVIDE 3x OR DOUBLE 2x MEMBERS FACE NAILED PER 2/S3.00 AT ALL ABUTTING PANEL EDGES WHERE INDICATED.
5. 3x BOTTOM PLATE WHERE INDICATED.

1 S3.00 SCHEDULE
NO SCALE

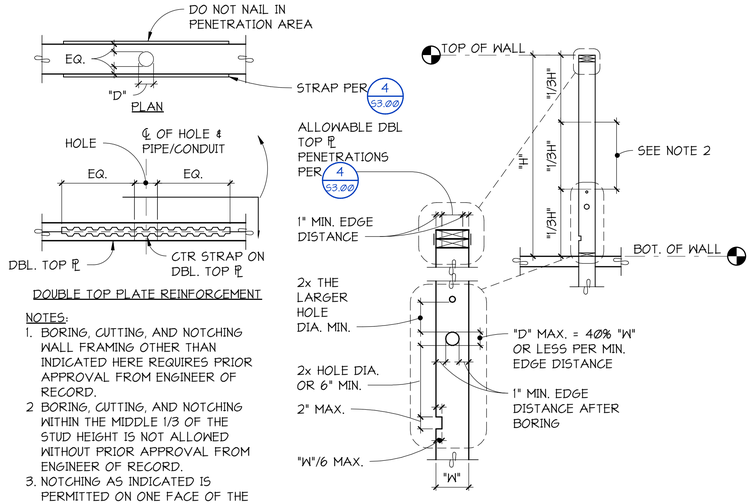


EDGE NAILING DETAIL

NOTES:
1. PANEL EDGE NAILING AND PLATE NAILING SHALL BE STAGGERED IN ALL CASES.
2. SHEATHING JOINT SHALL OCCUR AT COMMON MEMBER UNLESS IT OCCURS AT A SPECIFIED DOUBLE MEMBER.
3. EDGE NAILING APPLIES TO AREAS INDICATED AND AT HOLDOWN ANCHORED STUDS.

TYPICAL SHEARWALL NAILING

2 S3.00 SCHEDULE
NO SCALE



DOUBLE TOP PLATE REINFORCEMENT

NOTES:
1. BORING, CUTTING, AND NOTCHING WALL FRAMING OTHER THAN INDICATED HERE REQUIRES PRIOR APPROVAL FROM ENGINEER OF RECORD.
2. BORING, CUTTING, AND NOTCHING WITHIN THE MIDDLE 1/3 OF THE STUD HEIGHT IS NOT ALLOWED WITHOUT PRIOR APPROVAL FROM ENGINEER OF RECORD.
3. NOTCHING AS INDICATED IS PERMITTED ON ONE FACE OF THE WALL ALONE.
4. MAXIMUM BORED HOLE DIAMETER IN STUD "D" MAXIMUM. LIMITED TO 25%. "W" AT BUILT-UP STUDS, AND HOLDOWN ANCHORED STUDS.

ALLOWABLE LOAD BEARING/SHEARWALL STUD BORING, CUTTING, AND NOTCHING

3 S3.00 DETAIL
NO SCALE

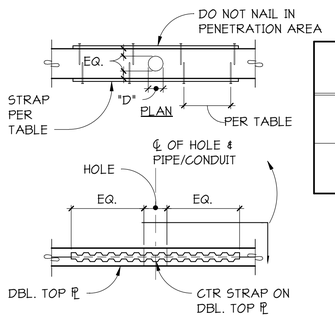
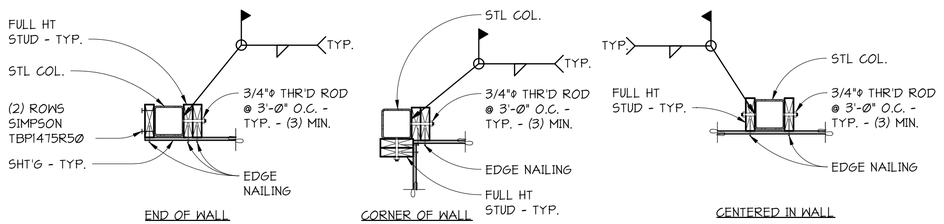


PLATE SIZE	HOLE DIAMETER "D" INCHES	STRAP
2x4	Ø" < "D" < 1" 1" ≤ "D" ≤ 2¼"	NO STRAP REQUIRED (2) ST2215 WITH (8) 16d EACH END
2x6	Ø" < "D" < 2½" 2½" ≤ "D" ≤ 3⅜"	NO STRAP REQUIRED (2) ST2215 WITH (8) 16d EACH END

TYPICAL REINFORCING AT WALL DOUBLE TOP PLATE PENETRATIONS

4 S3.00 DETAIL
NO SCALE



TYPICAL STEEL COLUMN IN SHEAR WALL

5 S3.00 DETAIL
NO SCALE

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SHEET TITLE
WOOD FRAMED WALL DETAILS

SHEET NO.
S3.00

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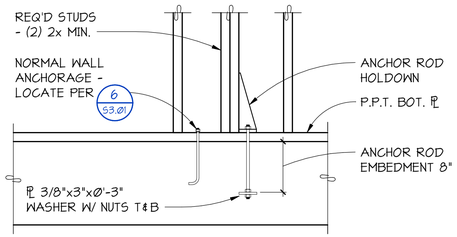
HOLDOWN SCHEDULE

FOUNDATION ANCHOR ROD TYPE [1]				
MARK	HOLDOWN[2]	ANCHOR ROD [2] DIAMETER	REQUIRED STUDS	REFERENCED DETAILS
<4>	HDU4	5/8"	(2) 2x	2/S3.01 & 5/S3.01
<5>	HDU5	5/8"	(2) 2x	2/S3.01 & 5/S3.01

FLOOR TO FLOOR STRAP [1]			
MARK	STRAP	NAILING	REQUIRED STUDS
<37>	MST37	16d ALL HOLES	(2) 2x
<48>	MSTC48B3	10d ALL HOLES	(2) 2x

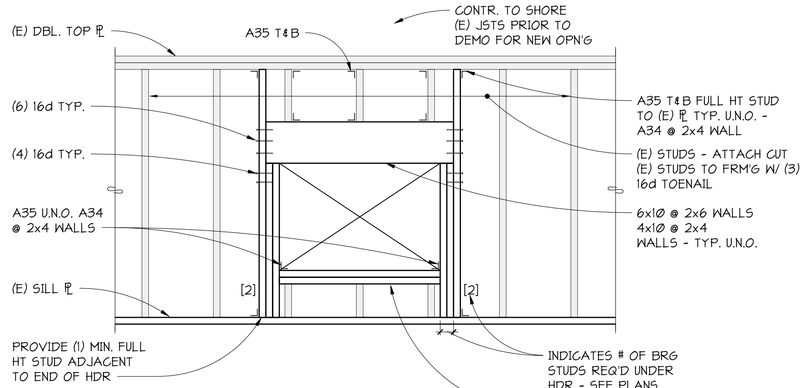
1. ALL HOLDOWNS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
2. ALL-THREAD ROD ASTM 36 WITH 3"x3"x3/8" PLATES WITH DOUBLE NUTS AT FOUNDATION.

1 S3.01 **SCHEDULE**
NO SCALE



TYPICAL FOUNDATION ANCHOR ROD HOLDOWN

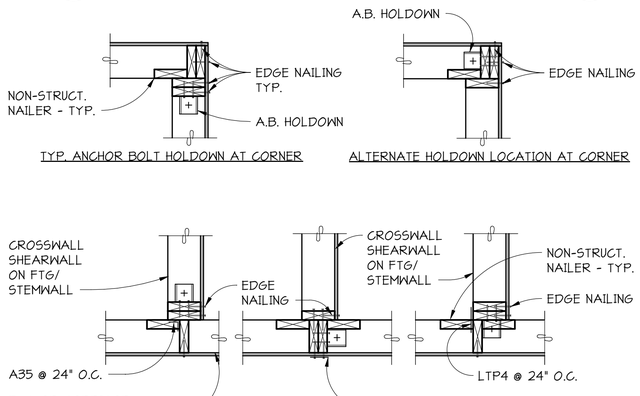
2 S3.01 **DETAIL**
NO SCALE



NOTES:
1. PROVIDE (1) BEARING STUD MINIMUM UNDER EACH END OF HEADER UNLESS NOTED THUS [ ] ON PLAN.
2. DEMOLISH AND PATCH WALL FINISHES AS REQUIRED TO INSTALL NEW FRAMING.

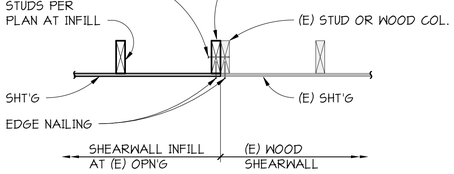
TYPICAL STUD WALL OPENING FRAMING AT EXISTING WOOD WALL

3 S3.01 **ELEVATION**
NO SCALE



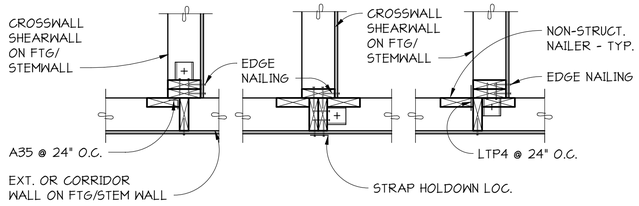
TYP. ANCHOR BOLT HOLDOWN AT CORNER

ALTERNATE HOLDOWN LOCATION AT CORNER



TYPICAL INFILL AT EXISTING WOOD SHEAR WALL OPENING

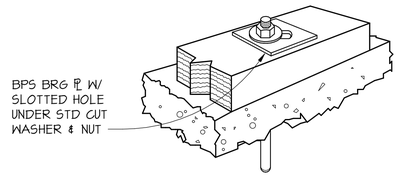
4 S3.01 **PLAN**
NO SCALE

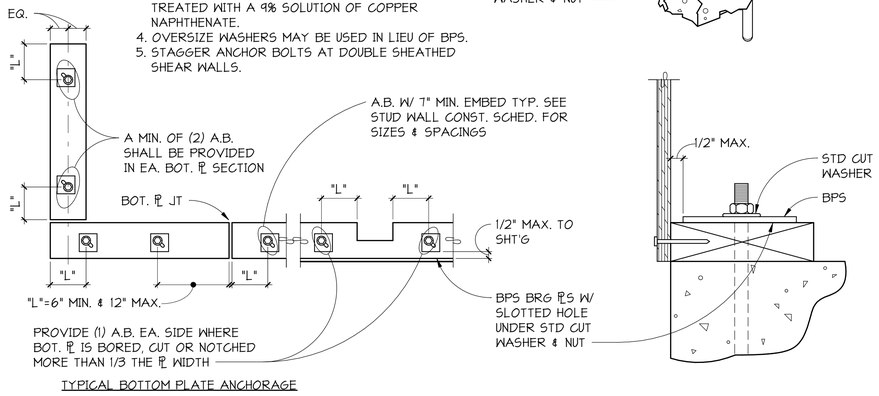


TYPICAL CROSSWALL HOLDOWN LOCATIONS

5 S3.01 **PLAN DETAIL**
NO SCALE

NOTES:
1. BOTTOM SILL PLATE SHALL BE PRESERVATIVE PRESSURE TREATED. SEE GENERAL NOTES FOR GALVANIZED REQUIREMENTS FOR CONNECTORS AND FASTENERS.
2. HOLES IN BOTTOM PLATE SHALL BE A MINIMUM OF 1/32" TO A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
3. HOLES, CUTS, AND NOTCHES IN 3x OR 4x PRESERVATIVE PRESSURE PLATES SHALL BE TREATED WITH A 9% SOLUTION OF COPPER NAPHTHENATE.
4. OVERSIZE WASHERS MAY BE USED IN LIEU OF BPS.
5. STAGGER ANCHOR BOLTS AT DOUBLE SHEATHED SHEAR WALLS.





TYPICAL BOTTOM PLATE ANCHORAGE

6 S3.01 **DETAIL**
NO SCALE

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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DATE
12/29/2022

REVISIONS

No.	Description	Date

SHEET TITLE
WOOD FRAMED WALL DETAILS

SHEET NO.
S3.01

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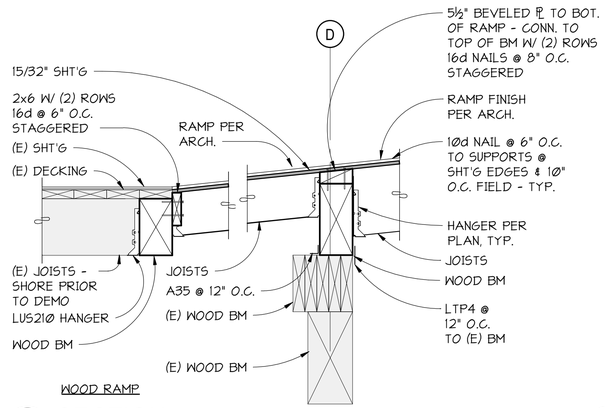

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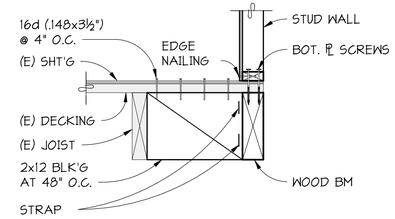

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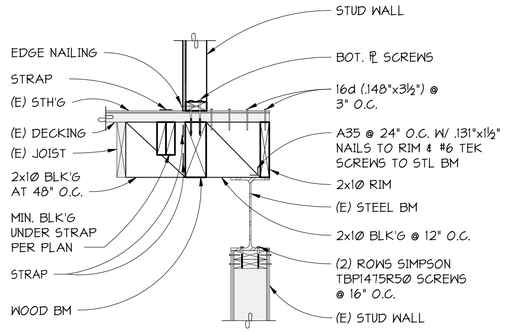

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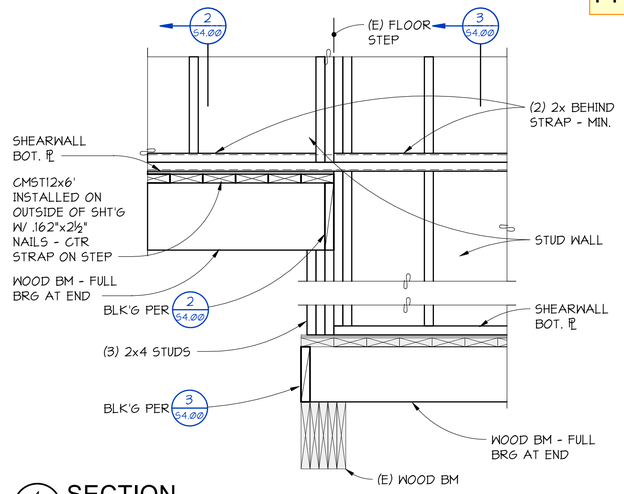

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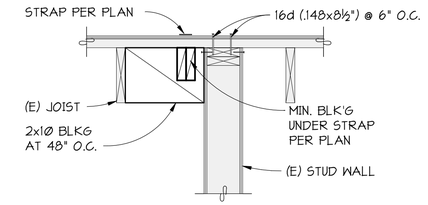

6 54.00 SECTION
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7 54.00 SECTION
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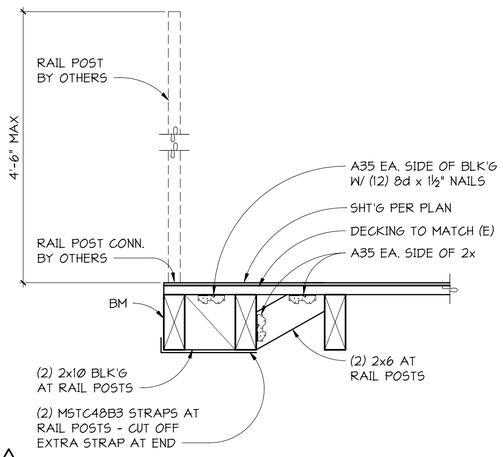
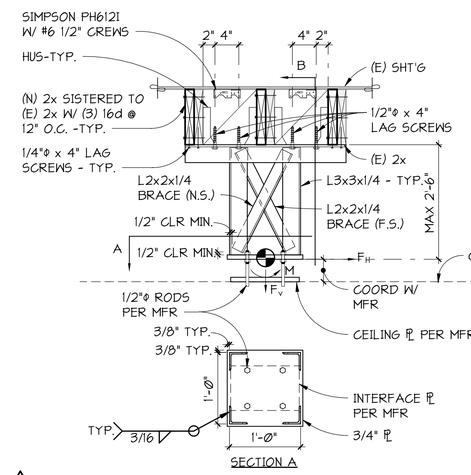
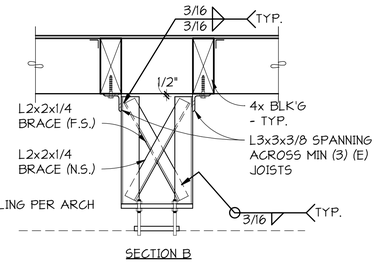


1 8 54.00 SECTION
1" = 1'-0"





NOTES:
STRUCTURE HAS BEEN DESIGNED TO SUPPORT THE FOLLOWING ASD LOADS:
F_H = 137#
F_V = 135#
M = 10,800 in-lb

1 9 54.00 SECTION
MEDICAL LIGHT SUPPORT
1" = 1'-0"

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Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS AND REVISIONS	12/29/2022

SHEET TITLE
FLOOR DETAILS

SHEET NO.
S4.00

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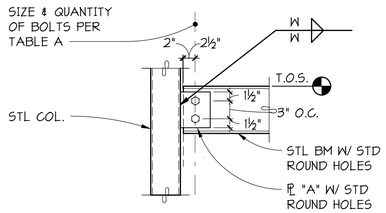
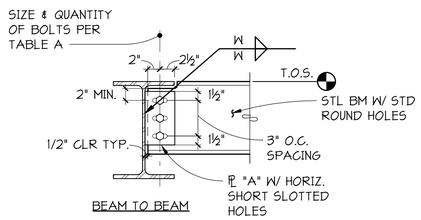
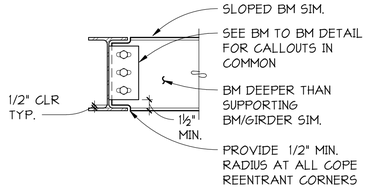


BEAM TO COLUMN



BEAM TO BEAM

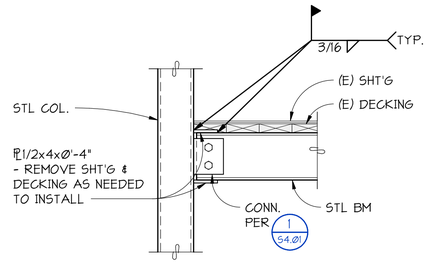
TYPICAL STEEL DETAIL



BEAM TO BEAM SAME DEPTH

TABLE A			
SUPPORTED BEAM SIZE	QUANTITY / DIA. OF A325N BOLTS	SHEAR PLATE THICKNESS "A"	WELD "W" NOTE 1.
W8	(2) 3/4"ø	3/8"	5/16"
W10	(2) 7/8"ø	3/8"	5/16"
W12	(3) 7/8"ø	3/8"	5/16"
C12	(3) 7/8"ø	3/8"	5/16"

1 S4.01 **DETAIL**
NO SCALE



2 S4.01 **DETAIL**
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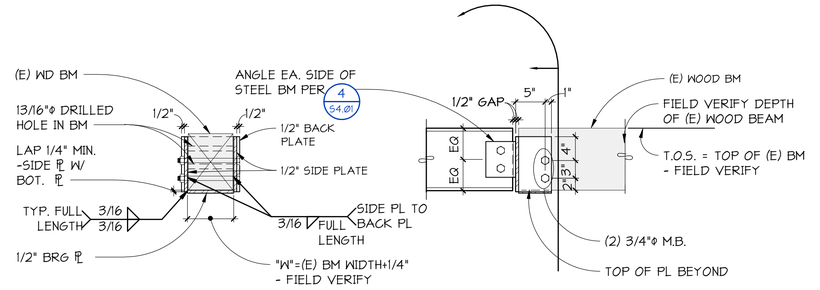
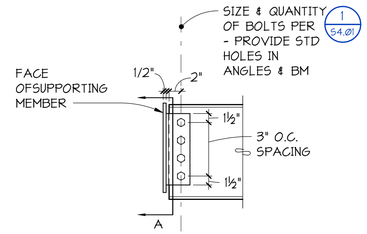


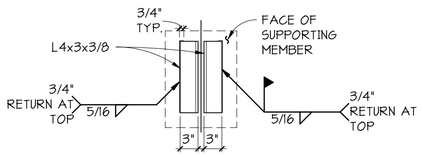
ELEVATION SECTION

EXISTING WOOD BEAM SUPPORT TO NEW STEEL BEAM

3 S4.01 **SCHEDULE**
NO SCALE



TYPICAL DOUBLE ANGLE CONNECTION

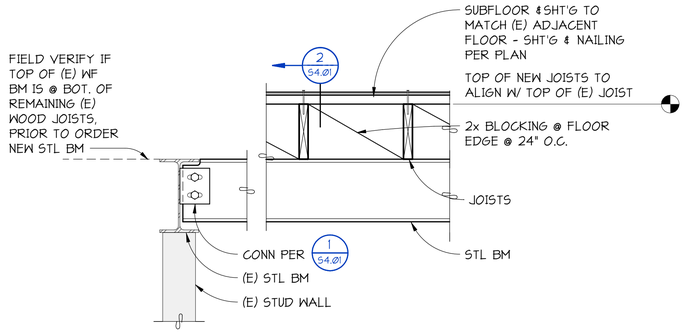


SECTION A

4 S4.01 **DETAIL**
NO SCALE

TYPICAL STEEL BEAM CONNECTION TO COLUMN

5 S4.01 **DETAIL**
NO SCALE



6 S4.01 **SECTION**
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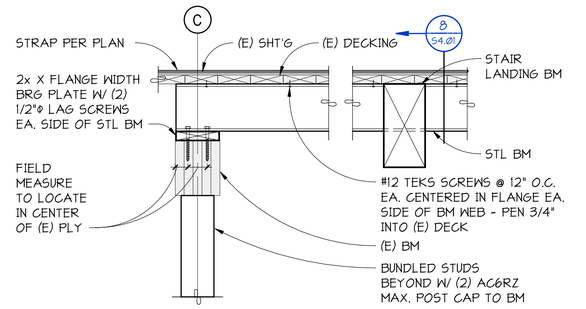
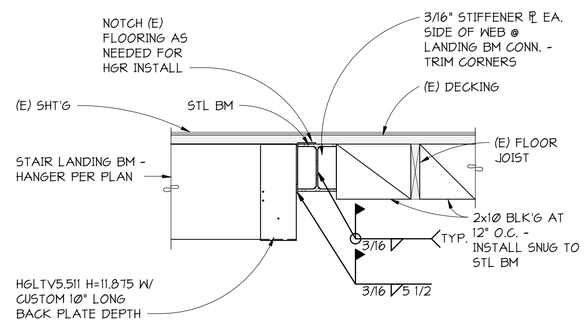


7 S4.01 **SECTION**
NO SCALE



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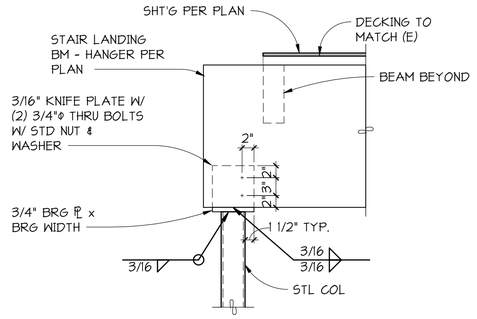

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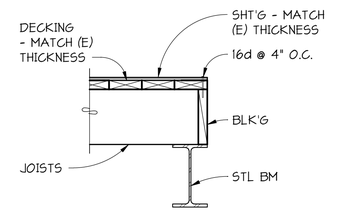

10 S4.01 **SECTION**
NO SCALE

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No.	Description	Date

SHEET TITLE
STEEL FLOOR DETAILS

SHEET NO.
S4.01

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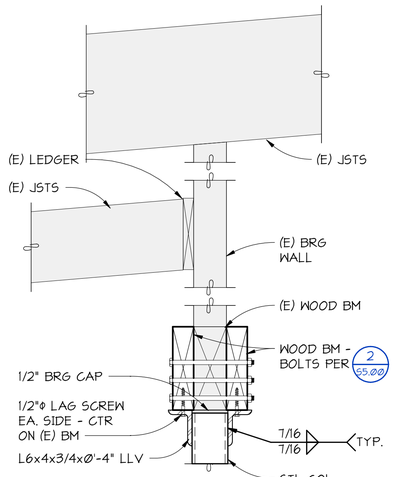

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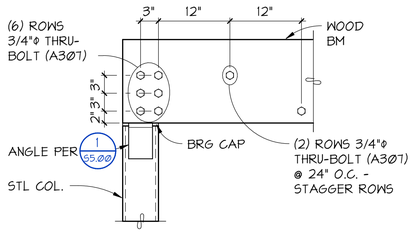

2 S5.00 SECTION
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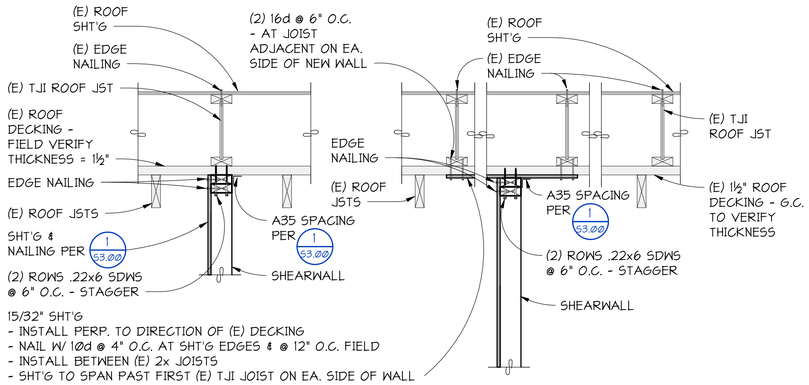
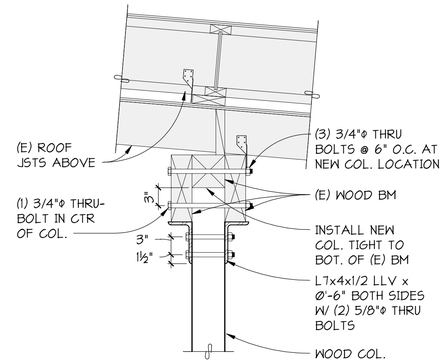


SHEARWALL ALIGNED WITH EXISTING JOIST

SHEARWALL NOT ALIGNED WITH EXISTING JOIST

3 S5.00 SECTION
NO SCALE



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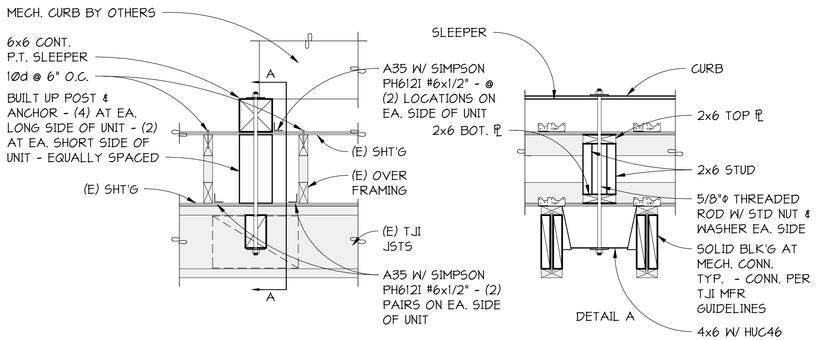

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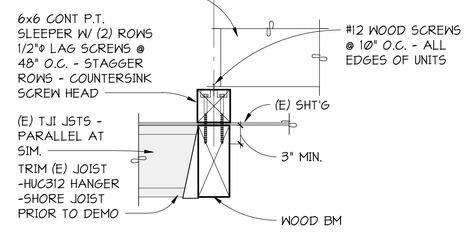

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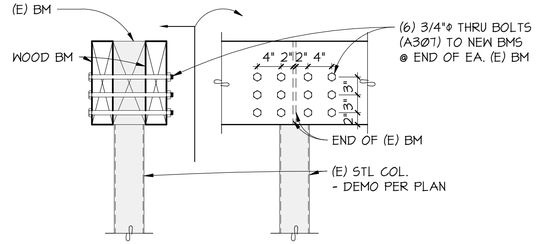

7 S5.00 SECTION
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ROOF DETAILS

SHEET NO.
S5.00

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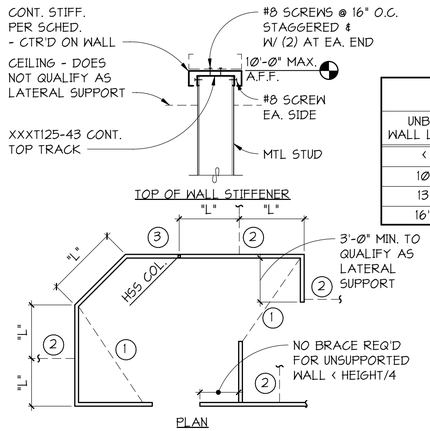
PRCTI20221698

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 3/6.00.
   (2) INDICATES BRACE UP TO STRUCTURE - SEE 2/S6.00.
   (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.

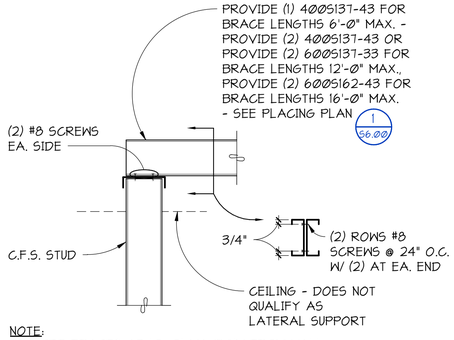


TOP OF WALL STIFFENER SCHEDULE

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

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

1 / S6.00 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 / S6.00 DETAIL
NO SCALE

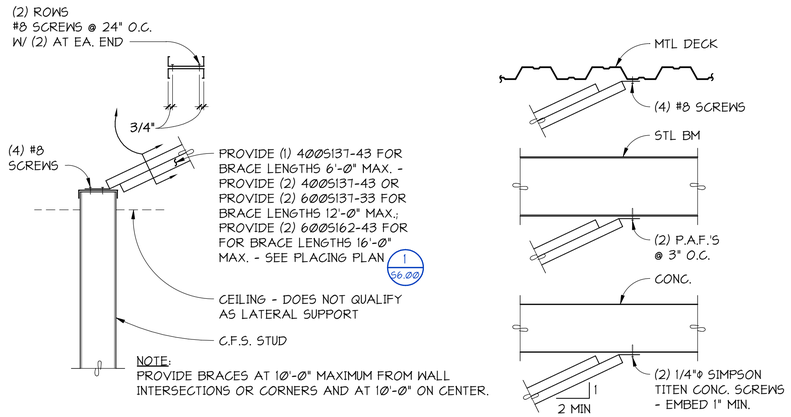
TYPICAL COLD-FORMED STEEL CEILING FRAMING DETAIL

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.

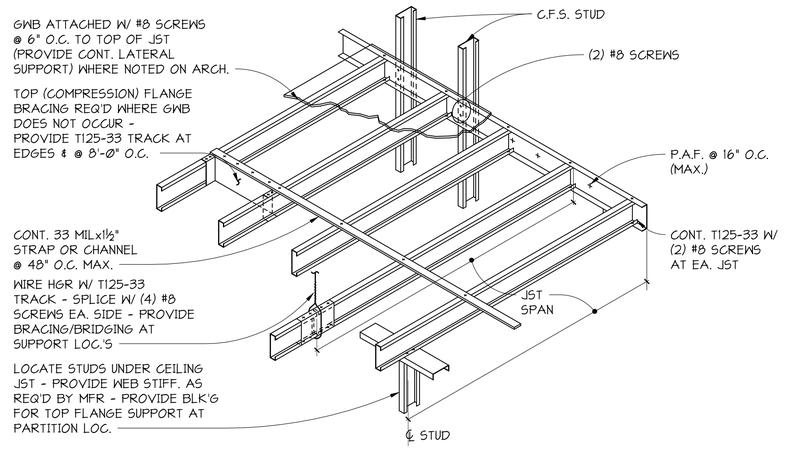
4 / S6.00 SECTION
NO SCALE



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 / S6.00 DETAIL
NO SCALE



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SHEET TITLE
NON-BEARING COLD FORMED DETAILS

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S6.00

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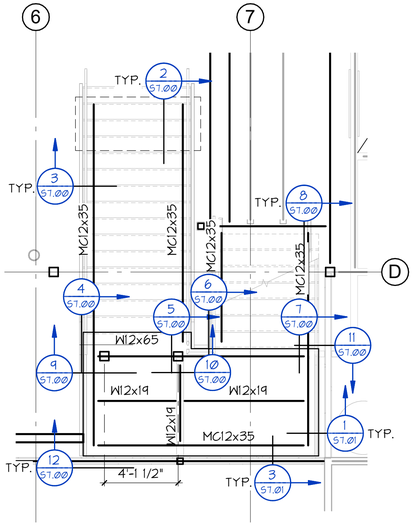
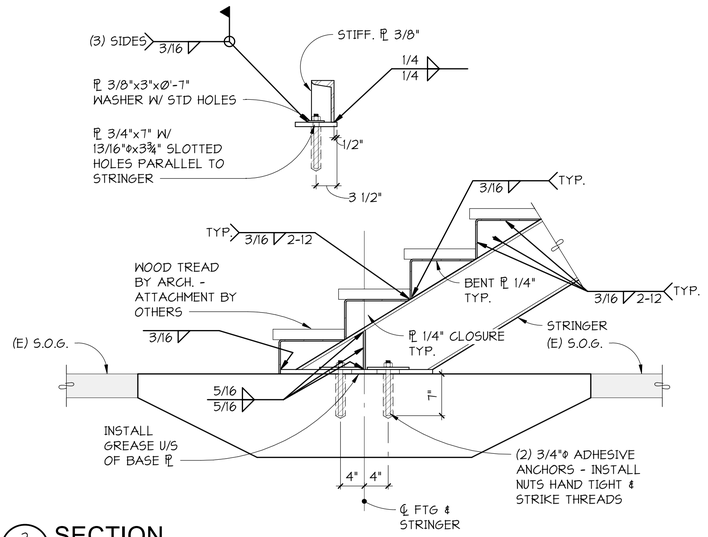


1 S1.00 STAIR FRAMING PLAN
1/4" = 1'-0"



2 S1.00 SECTION
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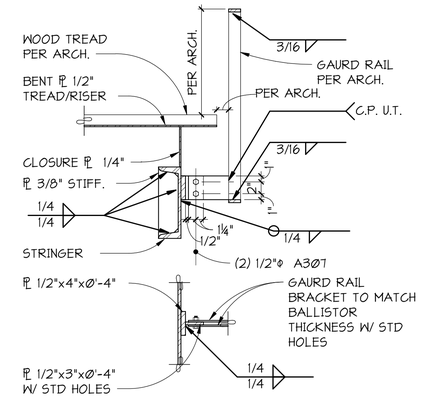

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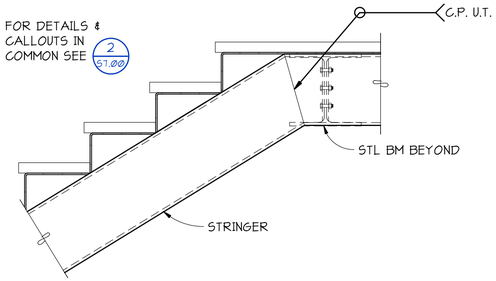

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7 S1.00 SECTION
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8 S1.00 SECTION
NO SCALE

9 S1.00 SECTION
NO SCALE

10 S1.00 SECTION
NO SCALE

11 S1.00 SECTION
NO SCALE

12 S1.00 SECTION
NO SCALE

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Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
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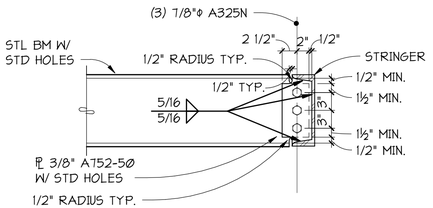

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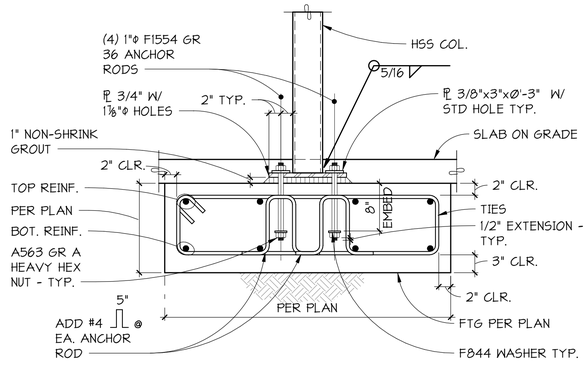

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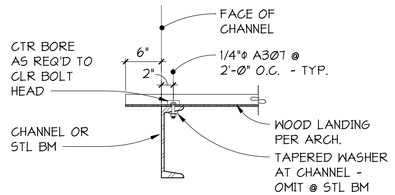

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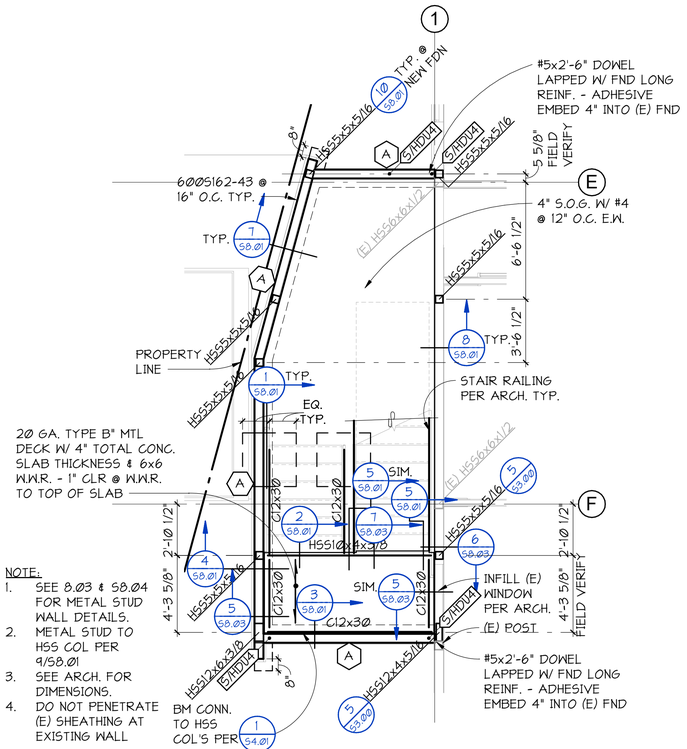
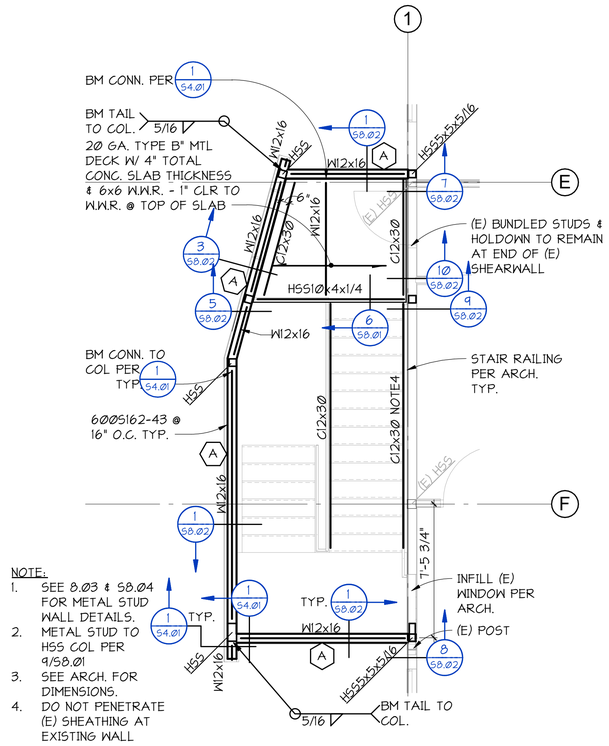
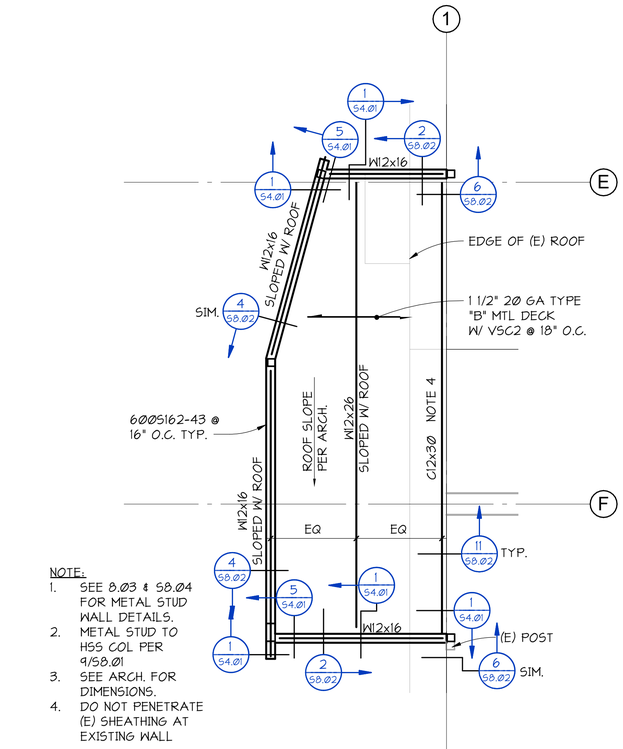


NORTH STAIR FOUNDATION AND MID-LANDING PLAN



NORTH STAIR SECOND FLOOR LANDING PLAN



NORTH STAIR ROOF FRAMING PLAN

NOTE:
1. SEE 8.03 & 58.04 FOR METAL STUD WALL DETAILS.
2. METAL STUD TO HSS COL PER 9/58.01
3. SEE ARCH. FOR DIMENSIONS.
4. DO NOT PENETRATE (E) SHEATHING AT EXISTING WALL

NORTH 1 58.00 **ENLARGED FOUNDATION PLAN** 1/4" = 1'-0"

NORTH 2 58.00 **ENLARGED FRAMING PLAN** 1/4" = 1'-0"

NORTH 3 58.00 **ENLARGED FRAMING PLAN** 1/4" = 1'-0"

1

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Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
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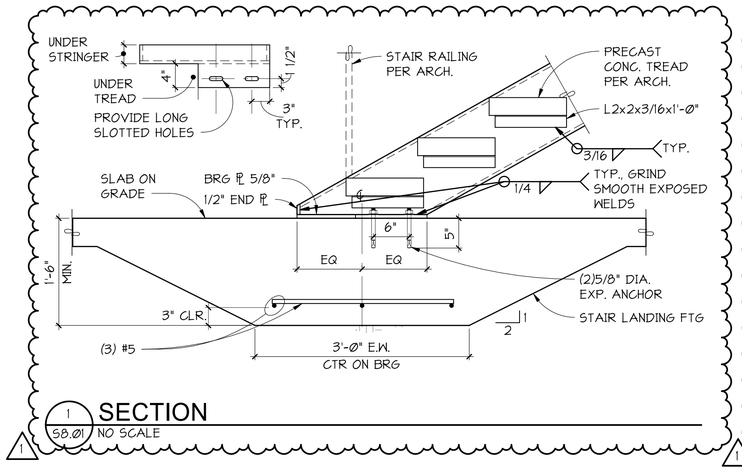

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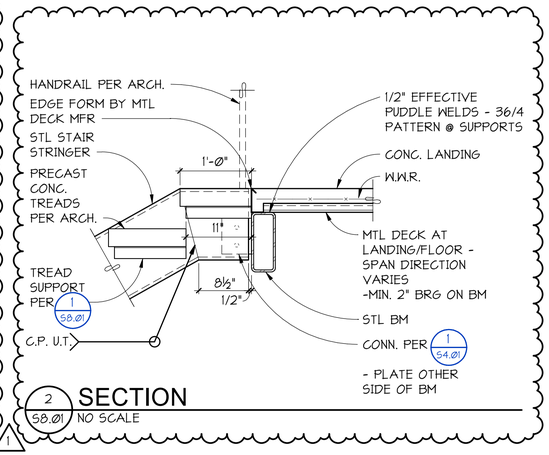

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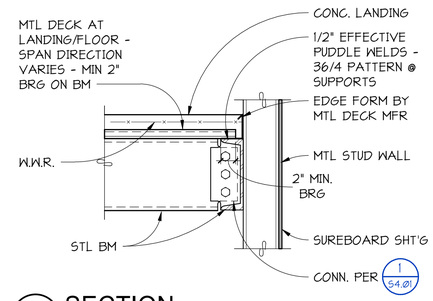

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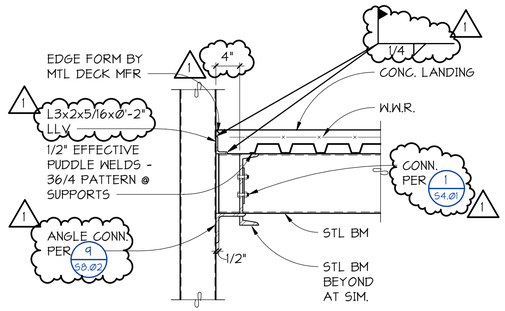

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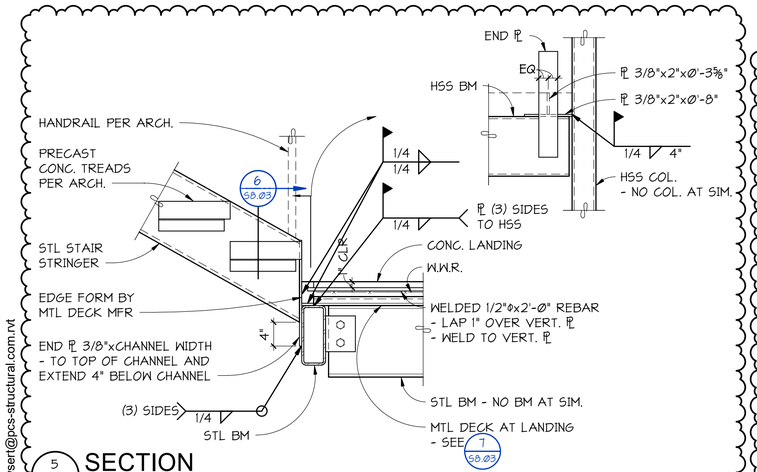

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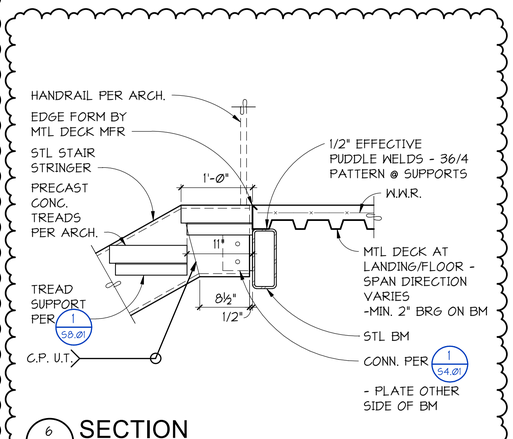

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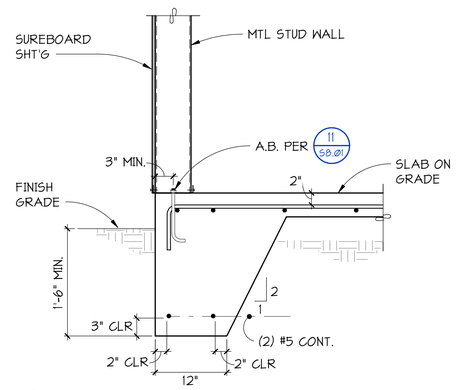

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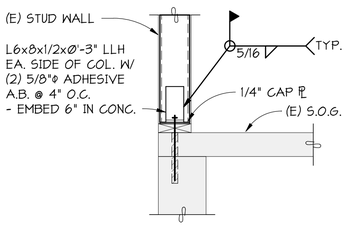

8 / S8.01 / NO SCALE
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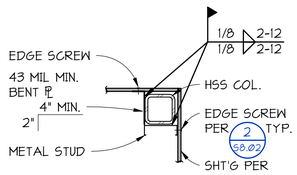
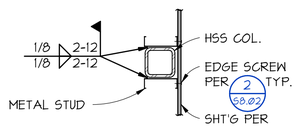
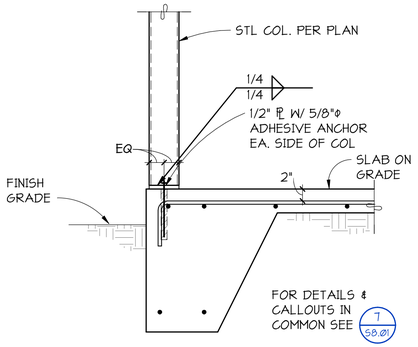


COLUMN AT PERPENDICULA SHEAR WALL



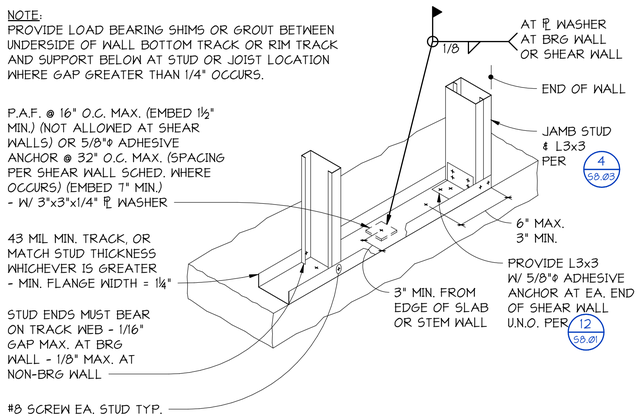
TYPICAL COLUMN AT SHEAR WALL

9 / S8.01 / NO SCALE
DETAIL



10 / S8.01 / NO SCALE
SECTION

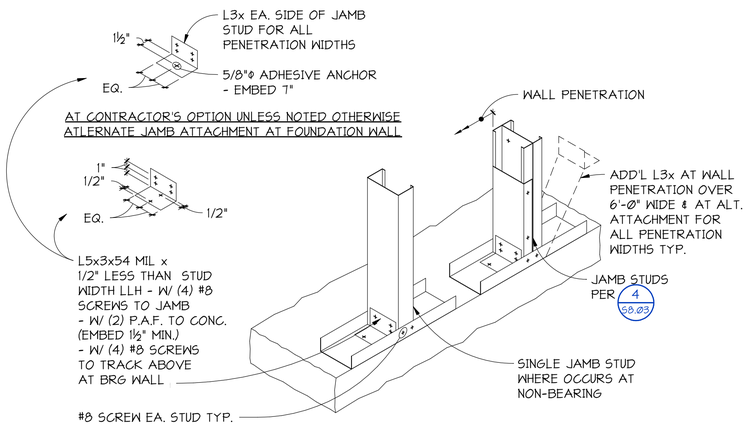
NOTE:
PROVIDE LOAD BEARING SHIMS OR GROUT BETWEEN UNDERSIDE OF WALL BOTTOM TRACK OR RIM TRACK AND SUPPORT BELOW AT STUD OR JOIST LOCATION WHERE GAP GREATER THAN 1/4" OCCURS.



TYPICAL COLD-FORMED STEEL STUD AND TRACK ATTACHMENT

11 / S8.01 / NO SCALE
DETAIL

NOTE:
PROVIDE LOAD BEARING SHIMS OR GROUT BETWEEN UNDERSIDE OF WALL BOTTOM TRACK OR RIM TRACK AND SUPPORT BELOW AT STUD OR JOIST LOCATION WHERE GAP GREATER THAN 1/4" OCCURS.



TYPICAL NON-BEARING COLD-FORMED STEEL JAMB STUD ATTACHMENT

12 / S8.01 / NO SCALE
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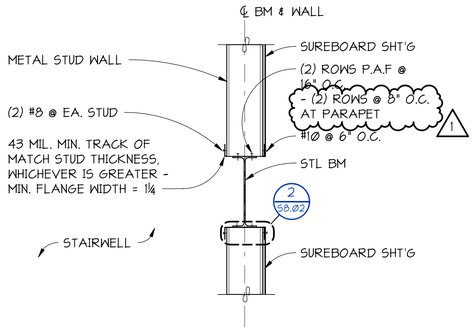

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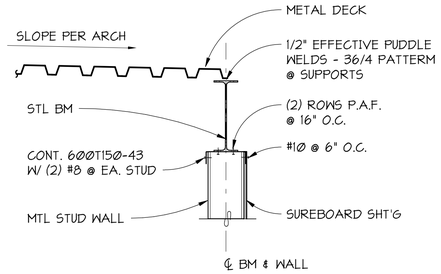

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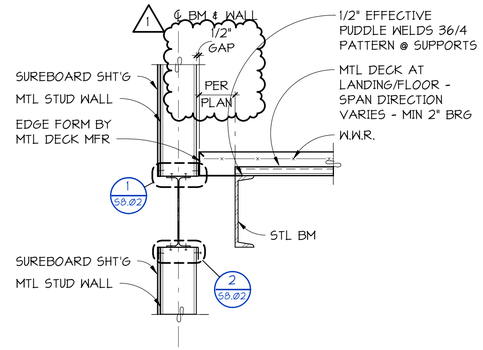

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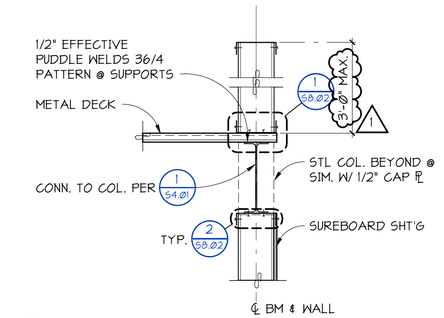

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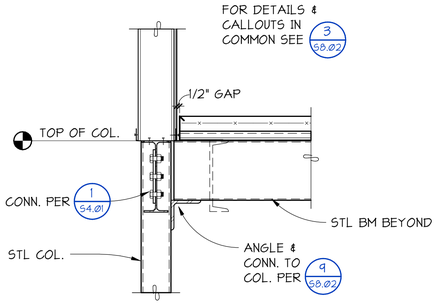

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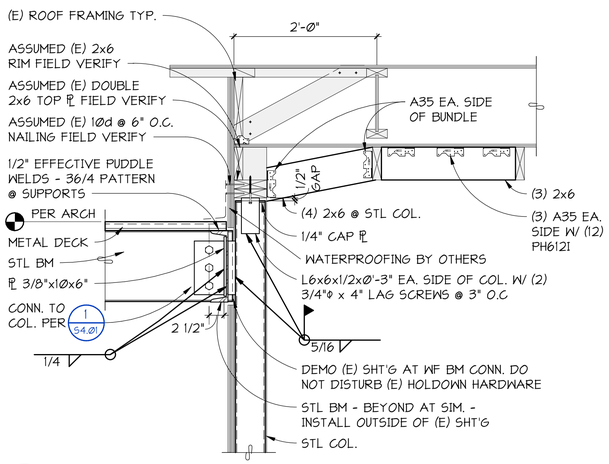

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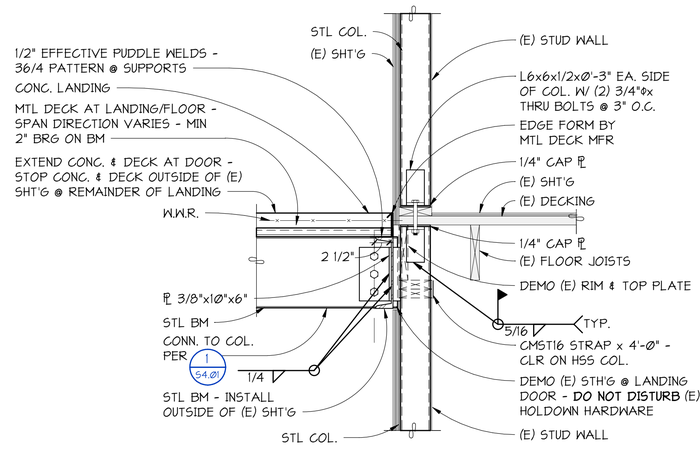

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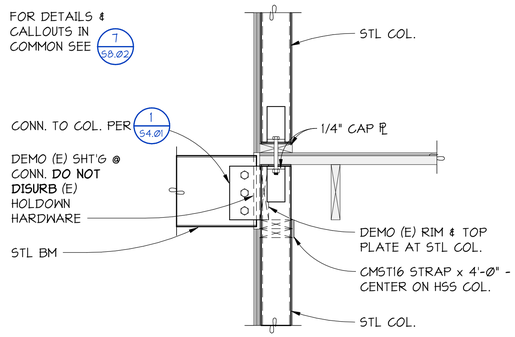

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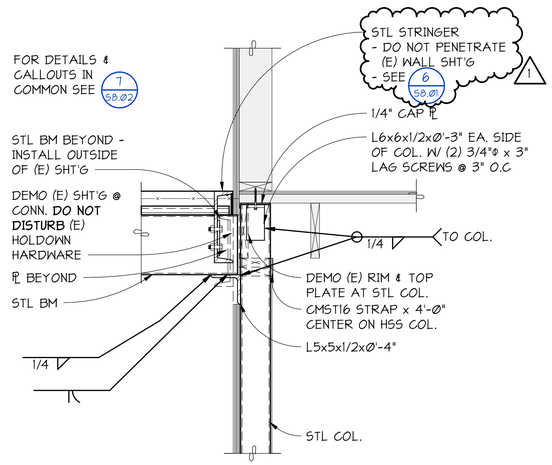

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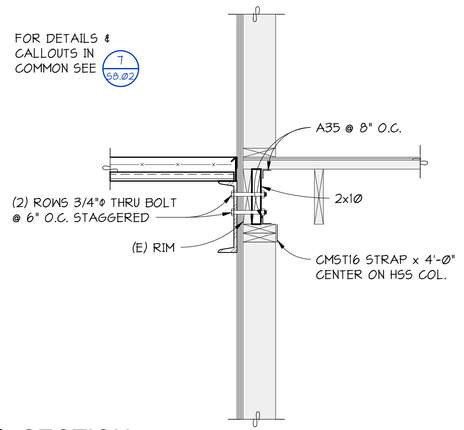

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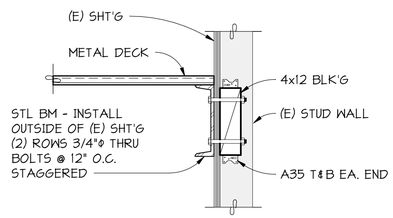

11 58.02 SECTION
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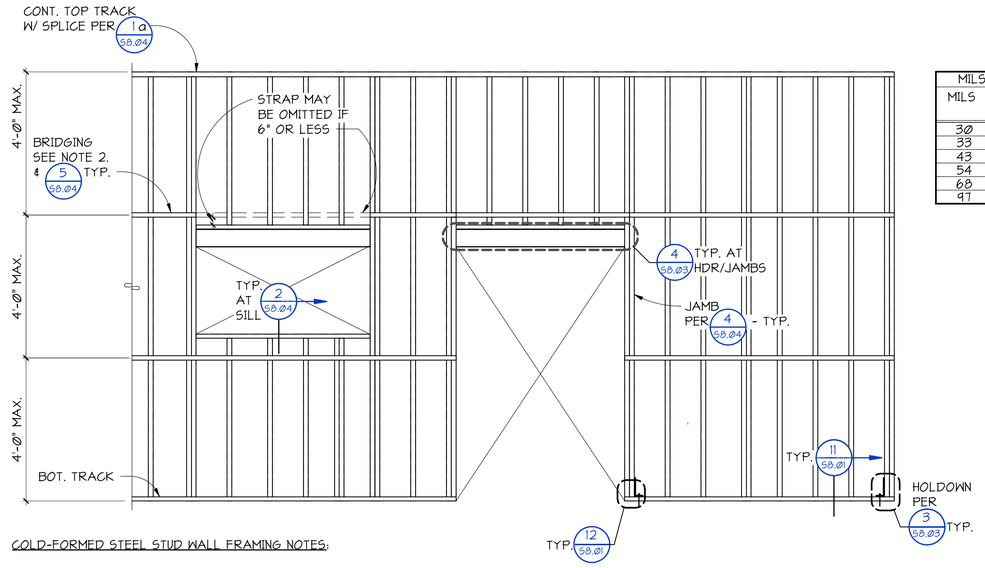


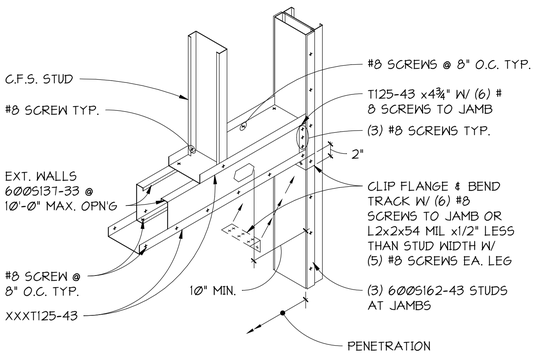
MILS/GAUGE SCHEDULE		
MILS	MINIMUM THICKNESS	GAGE
30	.0312	20
33	.0346	20
43	.0451	18
54	.0566	16
68	.0713	14
97	.1017	12

COLD-FORMED STEEL STUD WALL FRAMING NOTES:

1. FOR WALL TYPE SEE PLANS. FOR LOCATION SEE ARCHITECTURAL DRAWINGS.
2. PROVIDE BRIDGING AT ALL NON-BEARING WALLS WITHOUT FULL HEIGHT QUALIFIED SHEATHING EITHER SIDE OF STUD PER 5/S8.04 NOTE #1.
3. 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.
4. STUD PUNCH OUTS SHALL NOT BE SPACED LESS THAN 24" ON CENTER NOR WITHIN 10" CLEAR OF MEMBER END AT STUDS, HEADERS, BEAMS, JOISTS, ETCETERA FOR TYPICAL ALLOWABLE PUNCHOUT DETAIL - SEE 4/S8.04.
5. 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.
6. FOR TYPICAL COLD-FORMED STEEL WALL CORNER REQUIREMENTS - SEE 1b/S8.04.
7. FOR SHEAR WALL REQUIREMENTS SEE 2/S8.03.
8. FOR POWDER ACTUATED FASTENER REQUIREMENTS - SEE GENERAL NOTES.

TYPICAL NON-BEARING COLD FORMED STEEL STUD WALL FRAMING

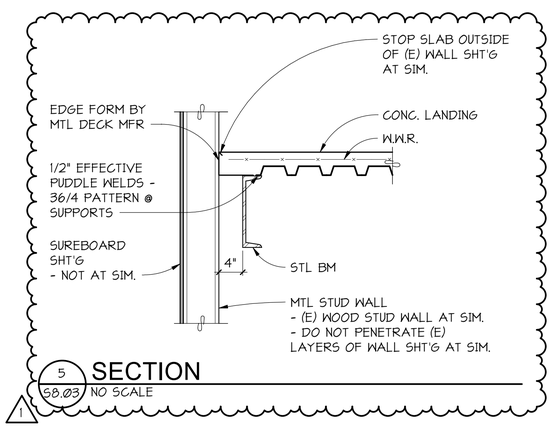
1 S8.03 ELEVATION
NO SCALE



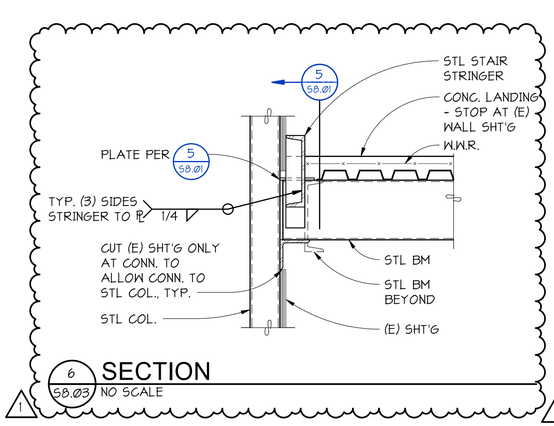
BOX HEADER
12'-Ø MAXIMUM PENETRATION UNLESS NOTED OTHERWISE
8'-Ø' MAXIMUM PENETRATION AT 4" EXTERIOR WALL

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

4 S8.03 DETAIL
NO SCALE



5 S8.03 SECTION
NO SCALE



6 S8.03 SECTION
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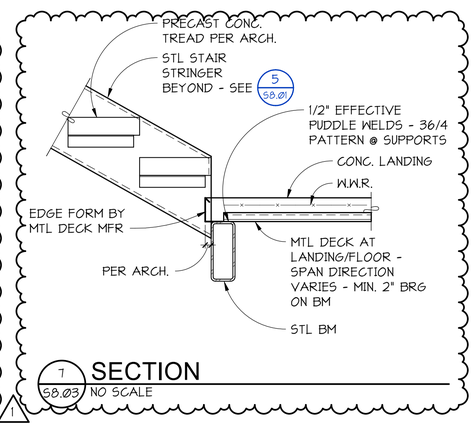
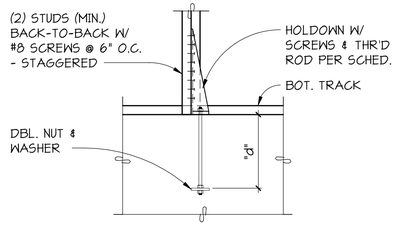


7 S8.03 SECTION
NO SCALE

COLD-FORMED STEEL STUD WALL CONSTRUCTION SCHEDULE					
TABLE 1 - SHEAR WALL REQUIREMENTS					
MARK	WALL SHEATHING	SIDES WITH SHEATHING	SHEATHING FASTENING	EDGE FASTENING 2.5 ON CENTER SPACING	FIELD FASTENING ON 5 CENTER SPACING
A	SUREBOARD SERIES 200	(1)	#10 SCREW	6"	12"

NOTES:
1. (X) INDICATES SPEICAL SHEAR WALL MARK. FOR TYPICAL WALL STUD BRIDGING DETAIL AND ADDITIONAL WALL FRAMING REQUIREMENTS - SEE 5/S8.03 AND 1/S8.03.
2. EXTERIOR WALL DESIGNATED AS SHEAR WALL SHALL BE BLOCKED AT ALL UNSUPPORTED PANEL EDGES. EDGE FASTENING APPLIES TO TOP AND BOTTOM TRACK, PANEL VERTICAL AND HORIZONTAL JOINTS, WALL CORNERS, HOLDOWN ANCHOR STUDS, AND WALL END STUDS. SHEAR WALL STUD FLANGE WIDTH SHALL BE 5162 MINIMUM. BLOCKING SHALL MATCH THICKNESS OF WALL STUD5x 1½" MINIMUM.
3. ADDITIONAL REQUIREMENTS AT WALL PENETRATIONS, FOR TYPICAL DETAILS - SEE 1/S8.03.
4. INSTALL SURE-BOARD PANELS VERTICALLY WITH STEEL FACE IN CONTACT WITH FRAMING.
5. SCREWS SHALL BE SELF-DRILLING, SELF-TAPPING NO. 2 PILOT POINT FLAT HEAD SCREW 1¼" LONG MINIMUM WITH MINIMUM #8 SHANK DIAMETER (Ø.164") AND MINIMUM Ø.3145" HEAD DIAMETER.
6. PROVIDE 3"x3"x1/4" PLATE WASHER AT EACH ADHESIVE ANCHOR - WELD TO TRACK WITH FILLET ALL AROUND. DISTANCE FROM ANCHOR TO END OF TRACK TO BE 6" MAXIMUM, 3" MINIMUM.

2 S8.03 SCHEDULE
NO SCALE



TYPICAL FOUNDATION ANCHOR ROD HOLDOWN

TYPICAL HOLDOWNS			
SIZE	SCREWS	THREADED ROD	"d"
S/HDU4	(6) #14	5/8"ø	1'-3"

NOTES:
1. SEE FOUNDATION PLANS FOR HOLDOWN LOCATIONS.
2. ALL HOLDOWNS NOT OCCURING AT WALL CORNER SHALL BE LOCATED AT THE EDGE OF A WINDOW OR A DOOR. EDGE SCREW EACH HOLDOWN STUD.

3 S8.03 DETAIL
NO SCALE

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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TODD PAUL FARRIS — STATE OF WASHINGTON — 48217 — PROFESSIONAL ENGINEER

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PHASE
PERMIT SET

DATE
12/29/2022

REVISIONS

No.	Description	Date
1	PERMIT CORRECTIONS AND REVISIONS	12/29/2022

SHEET TITLE
EXTERIOR STAIR DETAILS

SHEET NO.
S8.03

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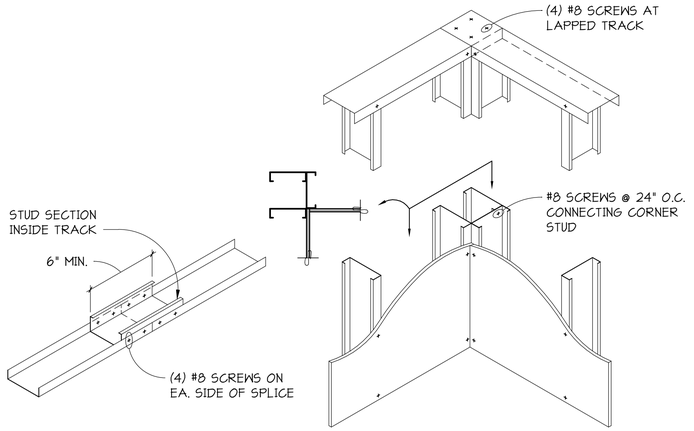
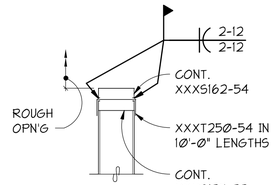


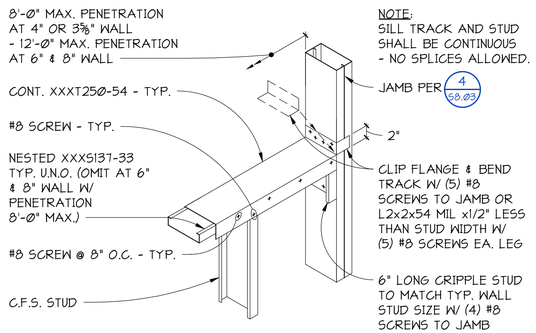
ⓐ TYPICAL COLD-FORMED STEEL BOTTOM/TOP TRACK SPLICE

ⓑ TYPICAL COLD-FORMED STEEL WALL CORNER

1 / 58.04 DETAIL
NO SCALE

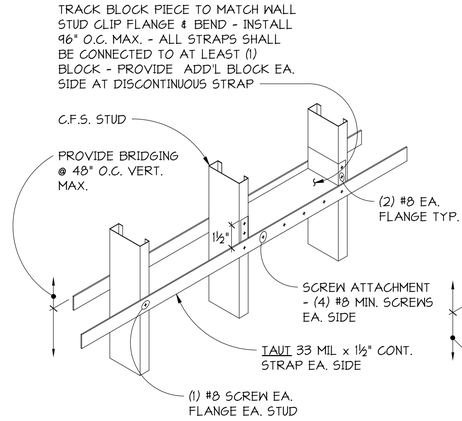


ⓐ ALTERNATE ALLOWED CONDITION AT DISCONTINUOUS TRACK PIECE

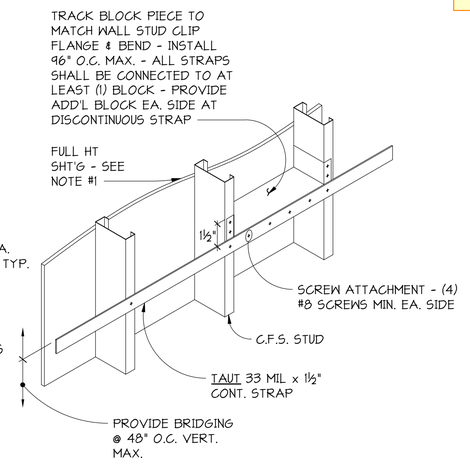


TYPICAL SILL AT COLD-FORMED STEEL WALL PENETRATION AT 16'-Ø" MAXIMUM STUD HEIGHT

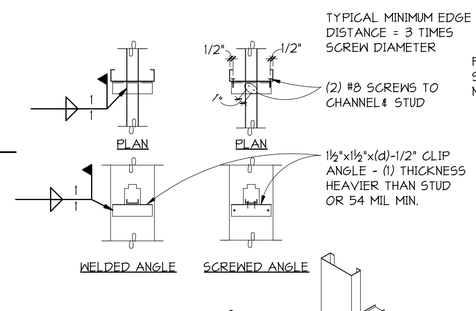
2 / 58.04 DETAIL
NO SCALE

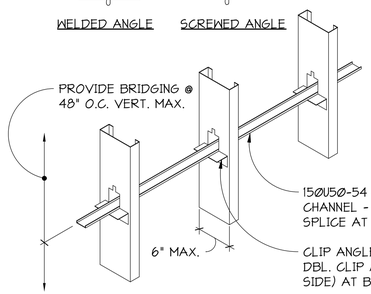


OPTION 1: BRIDGING CONSISTS OF DOUBLE FLAT STRAP WITH BLOCKING

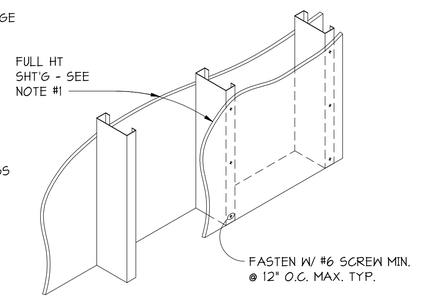


OPTION 3: BRIDGING CONSISTS OF SINGLE FLAT STRAP WITH BLOCK AND FULL HEIGHT SHEATHING OPPOSITE FACE





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



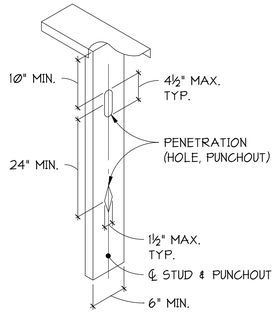
OPTION 4: FULL HEIGHT SHEATHING EACH FACE

NOTES:

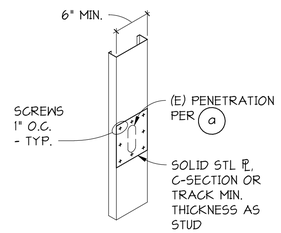
1. QUALIFIED SHEATHING SHALL BE GYPSUM WALL BOARD, GYPSHEATHING, PLYWOOD, OR ORIENTED STRAND BOARD ONLY AND SHALL OCCUR FULL HEIGHT OF WALL.

TYPICAL BRIDGING AT COLD-FORMED STEEL WALL

5 / 58.04 DETAIL
NO SCALE

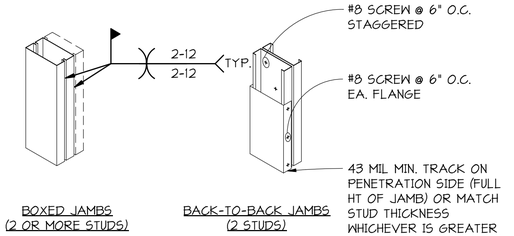


ⓐ TYPICAL ALLOWABLE COLD-FORMED STEEL STUD PUNCHOUT



ⓑ TYPICAL INFILL OF FACTORY COLD-FORMED STEEL STUD PUNCHOUT

3 / 58.04 DETAIL
NO SCALE



NOTE: FOR JAMB STUD SIZE AND QUANTITY SEE 4/58.03

TYPICAL JAMB STUD CONFIGURATIONS

4 / 58.04 DETAIL
NO SCALE

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PERMIT SET

DATE
12/29/2022

REVISIONS

No.	Description	Date

SHEET TITLE
EXTERIOR STAIR DETAILS

SHEET NO.
S8.04

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MECHANICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
A	COMPRESSED AIR		SUPPLY AIR-DUCT UP
F	FIRE MAIN/FIRE SPRINKLER PIPING		EXHAUST/RETURN AIR - DUCT UP
COND	CONDENSATE PIPING		OUTSIDE AIR DUCT UP
RG	REFRIGERANT GAS		SUPPLY AIR - DUCT DOWN
RL	REFRIGERANT LIQUID		EXHAUST/RETURN AIR - DUCT DOWN
	PIPE DOWN		OUTSIDE AIR DUCT DOWN
	PIPE UP		SOUNDLINED DUCT
	RELIEF VALVE		DUCT UP (ROUND)
	FLOAT VALVE		DUCT DOWN (ROUND)
	CIRCUIT SETTER	12/12 RR 300 CFM	AIR TERMINAL SIZE, TYPE & CFM
	SUCTION DIFFUSER	12/12 DL	DOOR LOUVER W/ SIZE
	TRIPLE DUTY VALVE		CEILING AIR TERMINAL - SQUARE
	2-WAY CONTROL VALVE		CEILING AIR TERMINAL - ROUND
	3-WAY CONTROL VALVE		FLEXIBLE DUCT
	4-WAY CONTROL VALVE		VOLUME DAMPER (VD)
	SOLENOID VALVE		MOTORIZED DAMPER
OR	BALANCING VALVE		FIRE DAMPER (FI.D.)
	REDUCER		FIRE/SMOKE DAMPER (CFSD) - COMBINATION
	STRAINER		SMOKE DAMPER (SD)
	UNION		BACKDRAFT DAMPER (BDD)
	PLUG VALVE		FLEXIBLE CONNECTION (DUCT)
	PETE'S PLUG		TURNING VANES (TV)
	FLOW STATION	T	ROOM TEMPERATURE SENSOR/THERMOSTAT
	FLOW CONTROL VALVE		EXPANSION JOINT
	FLEXIBLE CONNECTION (PIPE)		THERMOMETER
	AUTOMATIC OR MANUAL AIR VENT (AAV, MAV)		POINT OF CONNECTION
	VACUUM BREAKER		DEMOLITION SCOPE OF WORK
	PRESSURE GAUGE		

MECHANICAL SHEET LIST

Sheet Number	Sheet Name
M1.00	MECHANICAL GENERAL NOTES, ABBREVIATION AND LEGEND
M1.01	MECHANICAL SCHEDULES
M1.02	MECHANICAL SCHEDULES
M1.03	MECHANICAL SCHEDULES
M1.11	MECHANICAL DETAILS
M1.12	MECHANICAL DETAILS
M1.21	HVAC DEMOLITION - LEVEL 1
M1.22	HVAC DEMOLITION - LEVEL 2
M1.23	MECHANICAL DEMOLITION ROOF PLAN
M2.10	HVAC PLAN - LEVEL 1
M2.11	REFLECTED CEILING PLAN - LEVEL 1
M2.20	HVAC PLAN - LEVEL 2
M2.21	REFLECTED CEILING PLAN - LEVEL 2
M3.01	CONDENSATE PIPING PLAN - LEVEL 1
M3.02	CONDENSATE PIPING PLAN - LEVEL 2
M4.01	MECHANICAL ROOF PLAN
M5.01	REFRIGERANT PIPING DIAGRAMS
M5.02	REFRIGERANT PIPING DIAGRAMS
P0.01	PLUMBING GENERAL NOTES AND ABBREVIATIONS
P0.02	PLUMBING LEGEND AND SCHEDULES
P0.03	PLUMBING SCHEDULES
P0.04	PLUMBING DETAILS
P1.00	DEMOLITION PLUMBING - FOUNDATION PLAN
P1.01	DEMOLITION PLUMBING PLAN - LEVEL 1
P1.02	DEMOLITION PLUMBING PLAN - LEVEL 2
P1.03	PLUMBING FOUNDATION PLAN
P2.01	PLUMBING PLAN - LEVEL 1
P2.02	PLUMBING PLAN - LEVEL 2
P3.01	WASTE & VENT RISER DIAGRAM
P3.02	WASTE & VENT RISER DIAGRAM
P3.03	WASTE & VENT RISER DIAGRAM
P3.04	WASTE & VENT RISER DIAGRAM
P4.01	PLUMBING ROOF PLAN
P5.01	FIRE PROTECTION GENERAL NOTES & DETAIL
P5.02	FIRE PROTECTION PLAN - LEVEL 1
P5.03	FIRE PROTECTION PLAN - LEVEL 2

MECHANICAL ABBREVIATIONS

Ø	DIAMETER, PHASE
A	AIR
ABV	ABOVE
AC	AIR CONDITIONING UNIT
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
ALUM	ALUMINUM
AMB	AMBIENT
APD	AIR PRESSURE DROP
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS, INC.
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BTUH	BRITISH THERMAL UNIT PER HOUR
CAP	CAPACITY
CD	CEILING DIFFUSER
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CL	CENTER LINE
CLG	CEILING
CO	CLEANOUT
COND	CONDENSATE PIPING
CONN	CONNECTION
COP	COEFFICIENT OF PERFORMANCE
CP	CONDENSATE PUMP
CU	CONDENSING UNIT, CUBIC
DB	DRY BULB
DIA	DIAMETER
DIAG	DIAGRAM
DIFF	DIFFERENTIAL
DIM	DIMENSION
DN	DOWN
DX	DIRECT EXPANSION
DWG	DRAWING
(E)	EXISTING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
E.C.	ELECTRICAL CONTRACTOR
ECG	EGGCRATE GRILLE
EER	ENERGY EFFICIENCY RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
EG	EXHAUST GRILLE
ELEC	ELECTRIC
ELEV	ELEVATION
EMCS	ENERGY MANAGEMENT CONTROL SYSTEM
ENT	ENTERING
EQUIP	EQUIPMENT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
ETC	AND SO FORTH
EUH	ELECTRIC UNIT HEATER
EVAP	EVAPORATOR, EVAPORATIVE
EW	EYE WASH
EWH	ELECTRIC WATER HEATER
EWT	ENTERING WATER TEMPERATURE
EX	EXHAUST
EXT	EXTERIOR, EXTERNAL
°F	DEGREES FAHRENHEIT
FLA	FULL LOAD AMPS
FLR	FLOOR
FLEX	FLEXIBLE
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FT	FEET, FINNED TUBE
G.C.	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HEAT PUMP, HORSEPOWER
HTR	HEATER
HVAC	HEATING, VENTILATION & AIR CONDITIONING
IN	INCH
KW	KILOWATT
L	LENGTH
LAT	LEAVING AIR TEMPERATURE
LF	LINEAR FEET
LL	REFRIGERANT LIQUID LINE
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LVR	LOUVER
LWT	LEAVING WATER TEMPERATURE
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	THOUSANDS OF BTUH
MCA	MINIMUM CIRCUIT AMPACITY
M.C.	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MED	MEDIUM
MERV	MINIMUM EFFICIENCY REPORTING VALUE
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MUA	MAKE-UP AIR
NC	NOISE CRITERIA, NORMALLY CLOSED
NO	NORMALLY OPEN
NO.	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OC	ON CENTER
OSA	OUTSIDE AIR
PD	PRESSURE DROP
PH	PHASE
POC	POINT OF CONNECTION
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RA	RETURN AIR
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REL	RELIEF
REQD	REQUIRED
RET	RETURN
RH	ROOF HOOD
RLA	RATED LOAD AMPS
SA	SUPPLY AIR
SCH	SCHEDULE
SG	SUPPLY GRILLE
SL	REFRIGERANT SUCTION LINE
SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS' NATIONAL ASSOCIATION, INC.
SPEC	SPECIFICATION
STD	STANDARD
SUP	SUPPLY
TG	TRANSFER GRILLE
TOP	TOP OF PIPE
TP	TOTAL PRESSURE
TSP	TOTAL STATIC PRESSURE
T'STAT	THERMOSTAT
TYP	TYPICAL
UH	UNIT HEATER
V	VOLTS
VAC	VACUUM
VAV	VARIABLE AIR VOLUME UNIT
VD	VOLUME DAMPER
VEL	VELOCITY
VENT	VENTILATION, VENTILATOR
VFD	VARIABLE FREQUENCY DRIVE
WB	WET BULB
WSEC	WASHINGTON STATE ENERGY CODE
WSFU	WATER SUPPLY FIXTURE UNIT

MECHANICAL GENERAL NOTES

1. STANDARD CURRENT TRADE PRACTICES & METHODS APPLY TO THIS PROJECT. ALL WORK IS TO MEET REQUIREMENTS OF ALL CURRENT CODE & LOCAL JURISDICTIONAL REQUIREMENTS AND AMENDMENTS. THESE CODES INCLUDE BUT ARE NOT LIMITED TO WASHINGTON STATE ENERGY CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL BUILDING CODE, UNIFORM PLUMBING CODE, NFPA, INTERNATIONAL FIRE CODE, & LOCAL JURISDICTIONAL REQUIREMENTS. COMPLY WITH ALL MANUFACTURER'S REQUIREMENTS. COORDINATE WITH OWNER'S REPRESENTATIVE FOR ANY VARIANCES.
2. DRAWINGS ARE DIAGRAMMATIC ONLY & NOT INTENDED TO SHOW ALL DETAILS OF THE WORK. VERIFY LOCATION & MEASUREMENTS OF ALL ITEMS ON THE JOB SITE PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE ALL OFFSETS & ADDITIONAL DUCTWORK & PIPING AS NECESSARY TO AVOID STRUCTURAL ELEMENTS ON THE PROJECT. CONTRACTOR SHALL PRODUCE SHOP DRAWINGS & COORDINATE WITH OTHER TRADES. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR THIS COORDINATION OR FOR EXTRA MATERIAL REQUIRED IN ORDER TO ACCOMPLISH THIS TASK.
3. PROVIDE COMPLETE & FULLY-OPERATING SYSTEMS.
4. COORDINATE LOCATIONS OF ALL EQUIPMENT & APPURTENANCES WITH OTHER TRADES.
5. ALL EQUIPMENT SHALL BE REGULARLY CATALOGED ITEMS OF THE MANUFACTURER & SHALL BE SUPPLIED AS A COMPLETE UNIT IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD SPECIFICATIONS. ANY OPTIONAL ITEMS REQUIRED FOR PROPER INSTALLATION SHALL BE INCLUDED UNLESS OTHERWISE NOTED.
6. ANY CUTTING, PATCHING & PAINTING OF BUILDING ELEMENTS & FINISHED SURFACES IS TO BE DONE BY THE GENERAL CONTRACTOR.
7. ALL APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE.
8. ALL EQUIPMENT SHALL BE LABELED PER PLANS & THE REQUIREMENTS OF THE SPECIFICATIONS.
9. RATING OF ACCESS DOORS AND/OR ACCESS PANELS THROUGH FIRE-RATED WALLS, SHAFTS, CEILINGS, ETC., MUST EQUAL THE FIRE RATING OF THE MATERIAL PENETRATED.
10. CAULK & FLASH ALL PENETRATIONS PER CODE.
11. ADJUSTING & BALANCING: ADJUST EACH PART OF SYSTEM TO ENSURE PROPER FUNCTIONING OF ALL CONTROLS & SPECIFIED AIR DISTRIBUTION. LEAVE ENTIRE SYSTEM IN OPERATING CONDITION.
12. PROVIDE OPERATING & MAINTENANCE MANUALS (O&MS), RECORD DRAWINGS, & OWNER TRAINING PER SPECIFICATION.
13. PROVIDE NATIONAL ELECTRICAL CODE (NEC) MINIMUM WORKING CLEARANCE IN FRONT OF ANY ELECTRICAL PANEL, INCLUDING PANELS ON EQUIPMENT. RE-ROUTE OR OFFSET PIPING AND/OR DUCTWORK AS REQUIRED.
14. DOMESTIC HOT WATER CIRCULATORS SHALL BE CONTROLLED BY AN AQUASTAT, & SHALL SHUT DOWN WHEN WATER TEMPERATURE IS AT SETPOINT. DOMESTIC HOT WATER CIRCULATION SHALL HAVE SHUT-OFF CAPACITY BASED ON OCCUPANCY AND PERIODS OF DEMAND.
15. DOMESTIC PIPING SHALL BE INSULATED IN ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE. DOMESTIC HOT WATER PIPE INSULATION SHALL BE K=0.24, 1" THICK, EXCEPT RUNOUTS UP TO 12' SHALL BE 1/2"THICK. DOMESTIC COLD WATER PIPE INSULATION SHALL BE K=0.24, 1" THICK FOR PIPING LARGER THAN 1", & 1/2" THICK FOR PIPING 1" & LESS & RUNOUTS LESS THAN 2" DIAMETER UP TO 12'. INCREASE THICKNESS BY 1/2" FOR PIPING EXPOSED DIRECTLY TO OUTDOOR CONDITIONS.
16. SERVICE WATER PIPING INSULATION CONDUCTIVITY IS NOT TO EXCEED 0.27 BTU PER INCH/H*SQ.FT*DEGREE F. INSULATION THICKNESS SHALL BE PER TABLE C403.10.3.
17. PROTECT PIPING INSULATION PER REQUIREMENTS OF WSEC C403.10.3.1
18. PROVIDE COMMISSIONING OF THE HVAC SYSTEM. INCLUDE FUNCTIONAL TESTING SEQUENCE OF OPERATION & TEST PROCEDURES PER WASHINGTON STATE ENERGY CODE. SEE SPECIFICATIONS FOR SPECIFIC EQUIPMENT TESTING REQUIREMENTS. ITEMS TO BE COMMISSIONED ARE: CONTROL SYSTEMS, HEAT PUMPS, PUMPS, CONDENSING UNITS, DOAS AND WATER HEATERS. AIR AND PIPING SYSTEMS SHALL BE BALANCED SO AS TO FIRST MINIMIZE THROTTLING LOSSES, THEN ADJUSTED TO MEET DESIGN FLOW CONDITIONS. PROVIDE PRELIMINARY AND FINAL COMMISSIONING REPORTS. SUBMIT FIGURE C408.1.4.1 COMPLIANCE CHECKLIST FROM WASHINGTON STATE ENERGY CODE TO AUTHORITY HAVING JURISDICTION UPON COMPLETION OF PRELIMINARY COMMISSIONING REPORT. PROVIDE CLOSEOUT DOCUMENTS IN COMPLIANCE WITH C103.6
19. PROVIDE AIR SYSTEM BALANCING DEVICES, INCLUDING VOLUME DAMPERS, AND ZONE DAMPERS ON TERMINALS AS SHOWN ON PLANS. TEST AND BALANCE ALL SYSTEMS
20. PROVIDE WATER SYSTEM BALANCING DEVICES, INCLUDING ISOLATION VALVES, BALANCING VALVES, AND FLOW MEASURING DEVICES AS SHOWN ON PLANS.
21. EQUIPMENT, DIFFUSERS, & GRILLES SHALL BE COORDINATED WITH PLACEMENT OF LIGHT FIXTURES.
22. VENTILATION SHALL BE PROVIDED PER IMC CHAPTER 4. MECHANICALLY VENTILATED SYSTEMS SHALL BE CAPABLE OF REDUCING THE OUTDOOR AIR SUPPLY TO THE MINIMUM REQUIRED BY CHAPTER 4 OF THE IMC.
23. PROVIDE COMBINATION FIRE & SMOKE DAMPERS (CFSD) AND/OR FIRE DAMPERS WHERE REQUIRED BY CODE.
24. TEMPERATURE CONTROLS SHALL BE MINIMUM OF 7-DAY PROGRAMMABLE TYPE PROVIDING SETPOINT TEMPERATURES, NIGHT SETBACK, MANUAL OVERRIDE, & MINIMUM 5-DEGREE DEADBAND. CONTROLS SHALL ALLOW FOR OPTIMUM START.
25. SEAL & TEST ALL DUCTWORK AS REQUIRED PER IMC, WSEC C403.10.2 LEAKAGE REQUIREMENTS, & IBC VAPOR RETARDER REQUIREMENTS. DUCTWORK DESIGN PRESSURE IS 2"
26. ALL SHEET METAL DUCTWORK SHALL BE INSULATED IN ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE. CONCEALED DUCTWORK LOCATED WITHIN THE CONDITIONED SPACE SHALL BE INSULATED WITH A MINIMUM OF R-3.3. DUCTWORK LOCATED IN UNCONDITIONED SPACES SHALL BE INSULATED WITH A MINIMUM OF R-6. WHERE LOCATED OUTSIDE OF THE BUILDING (OUTDOORS AND EXPOSED TO WEATHER), DUCTWORK SHALL BE INSULATED WITH A MINIMUM OF R-8.
27. SOUND-LINE ALL SUPPLY, RETURN, OR EXHAUST DUCT WITHIN 10' OF FANS UNLESS NOTED OTHERWISE.
28. ALL SHEET METAL PRODUCTS SHALL COMPLY WITH SMACNA DUCT CONSTRUCTION STANDARDS, CURRENT EDITION.
29. ALL RECTANGULAR DUCTWORK SIZES SHOWN ARE GALVANIZED SHEET METAL UNLESS NOTED OTHERWISE. ROUND DUCT SHALL BE SHEET METAL. PROVIDE TURNING VANES IN ALL ROUND 2-PIECE AND RECTANGULAR 90 DEGREE ELBOWS.
30. ALL DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
31. WHERE FLEXIBLE DUCT IS SHOWN AT GRILLES, REGISTERS, AND DIFFUSERS, PROVIDE 6' MAXIMUM LENGTH OF FLEXIBLE DUCT.
32. PROVIDE FLEXIBLE CONNECTORS AT DUCT CONNECTIONS TO ALL AIR HANDLING EQUIPMENT.
33. SUPPORT FOR SUSPENDED EQUIPMENT SHALL INCLUDE APPURTENANCES AS NOTED IN ASHRAE AND REQUIRED IN CODE FOR SEISMIC/SWAY BRACING.
34. PROVIDE VOLUME DAMPERS AT ALL GRILLES, REGISTERS, & DIFFUSERS IN ADDITION TO OPPOSED BLADE DAMPERS.
35. MOTORIZED DAMPERS SHALL BE CLASS 1 AND HAVE A MAXIMUM LEAKAGE RATE OF 4 CFM/SQUARE FOOT AT 1.O" W.G.
36. DDC SYSTEM SHALL HAVE CONTROL POINTS AS REQUIRED FOR THE SEQUENCE OF OPERATIONS. SYSTEM SHALL TREND ALL POINTS AND UTILIZE A DEMAND RESPONSE TO ADJUST SETPOINT.
37. ALL COMPLEX SYSTEMS EQUIPPED WITH DDC SYSTEMS AND ALL BUILDINGS WITH TOTAL COOLING CAPACITY EXCEEDING 780,000 BTUH SHALL HAVE ALL INPUT AND OUTPUT POINTS ACCESSIBLE FOR TRENDING, AND SHALL INCLUDE A GRAPHIC TRENDING PACKAGE. SYSTEM SHALL INCLUDE DEMAND RESPONSE SETPOINT ADJUSTMENT AS NOTED IN WSEC C403.4.11.1
38. REFERENCE BUILDING HVAC LOAD CALCULATIONS FOR EQUIPMENT CAPACITIES. NO HUMIDIFICATION PROVIDED. NO SIMULTANEOUS HEATING/COOLING ALLOWED.
39. CONTROLS SHALL CLOSE ALL OSA DAMPERS WHEN EQUIPMENT IS NOT RUNNING IN COMPLIANCE WITH C403.7.8.4

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2301 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

MECHANICAL GENERAL NOTES, ABBREVIATION AND LEGEND

SHEET NO.

M1.00

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PRCTI20221698

CITY MULTI VRF INDOOR UNIT SCHEDULE

UNIT NO.	SYSTEM TAG	MANUFACTURER	MODEL	AREA SERVED	CFM	ESP	TYPE	NOMINAL COOLING CAPACITY (BTUH)	NOMINAL HEATING CAPACITY (BTUH)	COOLING DESING ENTERING TEMP. DB/WB (°F)	HEATING DESIGN ENTERING TEMP. DB/WB (°F)	CORRECTED CAPACITY			ESTIMATED COOLING COIL LAT (°F)	ESTIMATED HEATING COIL LAT (°F)	REFRIGERANT PIPE DIM. LIQUID/SUCTION (INCH)	COND. DRAIN PIPE (IN)	SOUND PRESSURE PER FAN SPEED	VOLTAGE / PHASE	POWER COOLING 208V (KW)	POWER HEATING 208V (KW)	MCA/MFS	MOTOR NAMEPLATED HP	CONDENSATE REMOVAL RATE	WEIGHT (POUNDS)	NOTES
												COOLING TOTAL CAPACITY (BTUH)	COOLING SENSIBLE CAPACITY (BTUH)	HEATING CAPACITY (BTUH)													
FCU1-1	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054MA144A	WAITING 100, RESTRM 124, 125	1400	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,694.6	37,532.3	58,374.4	54.0	109.7	3/8 / 5/8	1-1/4"	34-38-42	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU1-2	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP030MA144A	STAFF RESTRM 109,113 MED RM 110, LAB 111, HALL, CONSULT 122, STOR. 107	860	0.6	CEILING CONCEALED	30,000	34,000	80.0/67.0	70.0	29,274.8	21,295.2	33,078.8	56.4	106.0	3/8 / 5/8	1-1/4"	31-35-39	208/1	0.142	0.14	2.88/15	0.189	1.04	67	1,2,3,4,5,6,7,8
FCU1-3	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP030MA144A	RECEPT. 101, WORKRM. 102 STORAGE 103, HALL	880	0.6	CEILING CONCEALED	30,000	34,000	80.0/67.0	70.0	29,274.8	21,295.2	33,078.8	56.4	106.0	3/8 / 5/8	1-1/4"	31-35-39	208/1	0.142	0.14	2.88/15	0.189	1.04	67	1,2,3,4,5,6,7,8
FCU1-4	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP008LM140A	OFFICE 104	230		WALL MOUNTED	8,000	9,000	80.0/67.0	70.0	7,806.6	5,55,485.960.2	8,756.2	57.3	105.5	1/4 / 1/2	5/8"	22-27-31-35	208/1	0.03	0.02	0.24/15	0.04	0.38	24.5	1,2,3,4,5,6,7
FCU1-5	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP004LM140A	OFFICE 105	145		WALL MOUNTED	4,000	4,500	80.0/67.0	70.0	3,903.3	2,863.3	4,378.1	61.1	98.4	1/4 / 1/2	5/8"	22-24-26-28	208/1	0.02	0.01	0.24/15	0.0266	0.10	23.6	1,2,3,4,5,6,7
FCU1-6	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP004LM140A	OFFICE 106	145		WALL MOUNTED	4,000	4,500	80.0/67.0	70.0	3,903.3	2,863.3	4,378.1	61.1	98.4	1/4 / 1/2	5/8"	22-24-26-28	208/1	0.02	0.01	0.24/15	0.0266	0.10	23.6	1,2,3,4,5,6,7
FCU1-7	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP004LM140A	OFFICE 108	145		WALL MOUNTED	4,000	4,500	80.0/67.0	70.0	3,903.3	2,863.3	4,378.1	61.1	98.4	1/4 / 1/2	5/8"	22-24-26-28	208/1	0.02	0.01	0.24/15	0.0266	0.10	23.6	1,2,3,4,5,6,7
FCU1-8	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054MA144A	EXAM/CONSULT 114, 115, 116, 118, 119, PROVIDER POD 117, PROCEDURE 120	1400	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,694.6	37,532.3	58,374.4	54.0	109.7	3/8 / 5/8	1-1/4"	34-38-42	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU1-9	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP006LM140A	OFFICE 121	190		WALL MOUNTED	6,000	6,700	80.0/67.0	70.0	5,855.0	4,194.7	6,518.5	58.5	102.8	1/4 / 1/2	5/8"	22-26-29-31	208/1	0.02	0.01	0.24/15	0.0266	0.26	24.5	1,2,3,4,5,6,7
FCU1-10	ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP018LM140A	BREAK ROOM 126	435		WALL MOUNTED	18,000	20,000	80.0/67.0	70.0	17,564.9	11,929.1	19,458.1	53.3	112.7	1/4 / 1/2	5/8"	31-36-41-46	208/1	0.05	0.04	0.24/15	0.533	0.78	28.4	1,2,3,4,5,6,7
FCU1-11		MITSUBISHI ELECTRIC TRANE HVAC US	TPLFYP005FM140A	OFFICE 140	280		CEILING CASSETTE	5,000	5,600	80.0/67.0	70.0	4,868.2	4,334.3	5,233.9	64.8	88	1/4 / 1/2	1-1/4"	26-28-30	208/1	0.02	0.02	0.24/15	0.0266	0.09	28.9	1,2,3,4,5,6,7
FCU1-12	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPLFYP012FM140A	QUIET OPERATORY 142	335		CEILING CASSETTE	12,000	13,500	80.0/67.0	70.0	11,709.9	7,954.6	13,134.2	56.7	107.7	1/4 / 1/2	1-1/4"	26-30-34	208/1	0.02	0.02	0.29/15	0.0266	0.45	31.3	1,2,3,4,5,6,7
FCU1-13	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP018MA144A	DA STATION 127, QUIET OPERATORY 128. 129	550	0.6	CEILING CONCEALED	18,000	20,000	80.0/67.0	70.0	17,564.9	13,544.5	19,458.1	57.9	101.2	1/4 / 1/2	1-1/4"	29-33-37	208/1	0.082	0.08	2.94/15	0.109	0.53	58	1,2,3,4,5,6,7
FCU1-14	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP072MH140A	ROOMS 130,131, 133, 135, 136, 154, 146, 148, 149, 150, 151, HALL	1950	1	CEILING CONCEALED	72,000	80,000	80.0/67.0	70.0	70,259.4	56,104.9	77,832.5	58.4	99.4	3/8 / 3/4	1-1/4"	36-39-43	208/1	0.63	0.63	7.7/15	0.84	1.83	221	1,2,3,4,5,6,7,8
FCU1-15	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPLFYP012FM140A	QUIET OPERATORY 141	335		CEILING CASSETTE	12,000	13,500	80.0/67.0	70.0	11,709.9	7,954.6	13,134.2	56.7	107.7	1/4 / 1/2	1-1/4"	26-30-34	208/1	0.02	0.02	0.29/15	0.0266	0.45	31.3	1,2,3,4,5,6,7
FCU1-16	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP048MA144A	WEST OPERATORY 139	960	0.6	CEILING CONCEALED	48,000	54,000	80.0/67.0	70.0	46,839.6	33,103.6	52,537.0	55.2	108.7	3/8 / 5/8	1-1/4"	35-40-44	208/1	0.242	0.24	4.38/15	0.322	1.53	86	1,2,3,4,5,6,7,8
FCU1-17	ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP048MA144A	EAST OPERATORY 140	960	0.6	CEILING CONCEALED	48,000	54,000	80.0/67.0	70.0	46,839.6	33,103.6	52,537.0	55.2	108.7	3/8 / 5/8	1-1/4"	35-40-44	208/1	0.242	0.24	4.38/15	0.322	1.53	86	1,2,3,4,5,6,7,8
FCU2-1	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP048MA144A	RECEPTION 201, WORKRM 202, WAITING 200, LEVEL 2 LANDING 235	1200	0.6	CEILING CONCEALED	48,000	54,000	80.0/67.0	70.0	46,839.6	33,103.6	52,537.0	55.2	108.7	3/8 / 5/8	1-1/4"	35-40-44	208/1	0.242	0.24	4.38/15	0.322	1.53	86	1,2,3,4,5,6,7,8
FCU2-2	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP036MA144A	OFFICES 203, 204, DENTAL FLEX 206, HALLS	1120	0.6	CEILING CONCEALED	36,000	40,000	80.0/67.0	70.0	35,129.7	28,052.3	38,916.3	58.4	99.4	3/8 / 5/8	1-1/4"	36-39-43	208/1	0.222	0.22	4.25/15	0.296	0.92	84	1,2,3,4,5,6,7,8
FCU2-3	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054M1144A	PROVIDER POD 207 EXAM/ CONSULT 208, 209, 210 211, 212, 213	1400	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,694.6	37,532.3	58,374.4	54.0	109.7	3/8 / 5/8	1-1/4"	36-39-43	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU2-4	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP018MA144A	RESTRMS 214, 215, STOR. 217, CONSULT 218, 219, HALL	580	0.6	CEILING CONCEALED	18,000	20,000	80.0/67.0	70.0	17,564.9	13,544.5	19,458.1	57.9	101.2	1/4 / 1/2	1-1/4"	29-33-37	208/1	0.082	0.08	2.94/15	0.109	0.53	58	1,2,3,4,5,6,7,8
FCU2-5	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPLFYP005FM140A	EXAM / CONSULT 227	280		CEILING CASSETTE	5,000	5,600	80.0/67.0	70.0	4,879.1	4,338.3	5,448.3	64.8	88.7	1/4 / 1/2	1-1/4"	26-28-30	208/1	0.02	0.02	0.24/15	0.0266	0.09	28.9	1,2,3,4,5,6,7
FCU2-6	ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054M1144A	PROVIDER POD 220, TELE.HEALTH 221, 222, EXAM / CONSULT 223, 224, 225, 226	1340	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,694.6	36,474.9	58,374.4	54.7	109.7	3/8 / 5/8	1-1/4"	41-47	208/1	0.630	0.610	4.18/15	0.84	2.08	91	1,2,3,4,5,6,7,8
FCU2-7	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP006LM140A	EXAM / CONSULT 228	190		WALL MOUNTED	6,000	6,700	80.0/67.0	70.0	5,841.9	4,189.4	6,262.0	58.5	101.5	1/4 / 1/2	5/8"	22-26-29-31	208/1	0.02	0.01	0.24/15	0.0266	0.26	24.5	1,2,3,4,5,6,7
FCU2-8	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP006LM140A	EXAM / CONSULT 229	190		WALL MOUNTED	6,000	6,700	80.0/67.0	70.0	5,841.9	4,189.4	6,262.0	58.5	101.5	1/4 / 1/2	5/8"	22-26-29-31	208/1	0.02	0.01	0.24/15	0.0266	0.26	24.5	1,2,3,4,5,6,7
FCU2-9	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP018MA144A	JAN, 236, RESTRM. 230, DIRTY 231, CLEAN 232, KITCHENETTE 233 HALL	600	0.6	CEILING CONCEALED	18,000	20,000	80.0/67.0	70.0	17,525.6	13,529.1	18,692.5	57.9	99.9	1/4 / 1/2	1-1/4"	29-33-37	208/1	0.082	0.08	2.94/15	0.109	0.53	58	1,2,3,4,5,6,7,8
FCU2-10	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP006LM140A	EXAM / CONSULT 239	190		WALL MOUNTED	6,000	6,700	80.0/67.0	70.0	5,841.9	4,189.4	6,262.0	58.5	101.5	1/4 / 1/2	5/8"	22-26-29-31	208/1	0.02	0.01	0.24/15	0.0266	0.26	24.5	1,2,3,4,5,6,7
FCU2-11	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPKFYP006LM140A	EXAM / CONSULT 238	190		WALL MOUNTED	6,000	6,700	80.0/67.0	70.0	5,841.9	4,189.4	6,262.0	58.5	101.5	1/4 / 1/2	5/8"	22-26-29-31	208/1	0.02	0.01	0.24/15	0.0266	0.26	24.5	1,2,3,4,5,6,7
FCU2-12	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054MA144A	PROVIDE POD 240, EXAM / CONSULT 241, 242, 243, 244, TELE HEALTH 245, 246	1340	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,576.9	37,484.2	56,077.6	54.0	108.1	3/8 / 5/8	1-1/4"	34-38-42	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU2-13	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP024MA144A	MED RM. 271, ELEC. 270, STOR. 272, CONSULT 250, OFFICES, 251, 252	740	0.6	CEILING CONCEALED	24,000	27,000	80.0/67.0	70.0	23,367.5	18,970.4	25,234.9	59.0	97.5	3/8 / 5/8	1-1/4"	31-35-39	208/1	0.142	0.14	2.88/15	0.189	0.82	67	1,2,3,4,5,6,7,8
FCU2-14	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054M1144A	PROVIDE POD 253, PROCEDURE 254, EXAM / CONSULT 255, 256, 257, 258, 259	1400	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,576.9	37,484.2	56,077.6	54.0	108.1	3/8 / 5/8	1-1/4"	34-38-42	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU2-15	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPEFYP054M1144A	POSTER 260, STOR. 261, NUTRI/ INFANT 262, LAB 263, LAB WAIT 265, SPEC. RESTRMS 266, 267 HALL	1410	0.6	CEILING CONCEALED	54,000	60,000	80.0/67.0	70.0	52,576.9	37,484.2	56,077.6	54.0	108.1	3/8 / 5/8	1-1/4"	34-38-42	208/1	0.252	0.25	4.38/15	0.336	1.75	91	1,2,3,4,5,6,7,8
FCU2-16	ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TPLFYP005FM140A	EXAM / CONSULT 237	280		CEILING CASSETTE	5,000	5,600	80.0/67.0	70.0	4,868.2	4,334.3	5,233.9	64.8	88	1/4 / 1/2	1-1/4"	26-28-30	208/1	0.02	0.02	0.24/15	0.0266	0.09	28.9	1,2,3,4,5,6,7

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67 °F (DB/WB), OUTDOOR OF 95 °F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70 °F (DB), OUTDOOR OF 43 °F (WB)
3. SEE OUTDOOR UNIT SCHEDULE FOR OUTDOOR AMBIENT CONDITIONS, CONNECTED CAPACITY, AND OTHER FACTORS ASSOCIATED WITH CORRECTED CAPACITIES.
4. SEE SCHEMATIC PIPING /CONTROL DIAGRAM FOR INDICATION OF REQUIRED INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS, AND INTEGRATION DEVICES.
5. PROVIDE WITH INTERNAL CONDENSATE PUMP
6. CORRECTED CAPACITY COOLING OUTDOOR DB 82°, HEATING OUTDOOR 29°.
7. MODULATE SUPPLY AIR BASED ON MECHANICAL LOAD
8. PROVIDE WITH FILTER BOX.

CITY MULTI VRF OUTDOOR UNIT SCHEDULE

Mark	MANUFACTURER	MODEL	MODULES	NOMINAL COOLING CAPACITY (BTUH)	NOMINAL HEATING CAPACITY (BTUH)	COOLING EFFICIENCY IEER/EER	HEATING COP @ 47° F HSPF	NOM SYSTEM CONNECTED CAPACITY (% OF NOM)	DESIGN COOLING OUTDOOR TEMP DB (°F)	DESIGN HEATING OUTDOOR TEMP WB (°F)	REFRIGERANT PIPE DIM HIGH/LOW PRESSURE (INCH)	CORRECTED COOLING TOTAL CAPACITY (BTUH)	CORRECTED HEATING CAPACITY (BTUH)	SOUND PRESSURE (dBA)	PRELIMINARY ADDED FIELD CHARGE (SEE NOTE 5)	ELECTRICAL PER MODULE				WEIGHT (POUNDS)	NOTES
																VOLTAGE / PHASE	MCA	RFS	MOCP		
ODU-1	MITSUBISHI ELECTRIC TRANE HVAC US	TURYE2403BN40AN	P120, P120	240,000.0	270,000.0	23.6/11.95	3.52	88.3%	86.0	17.3	7/8 / 1 3/8	244,292.7	247,232.3	63/65	43.8	208/3	41, 41	60, 60	60, 60	1245	1,2,3,4,5
ODU-2	MITSUBISHI ELECTRIC TRANE HVAC US	TURYE2403BN40AN	P120, P120	240,000.0	270,000.0	23.6/11.95	3.52	90.0%	86.0	17.3	7/8 / 1 3/8	238,969.0	244,432.3	63/65	36.2	208/3	41, 41	60, 60	60, 60	1245	1,2,3,4,5
ODU-3	MITSUBISHI ELECTRIC TRANE HVAC US	TURYE2403BN40AN	P120, P120	240,000.0	270,000.0	23.6/11.95	3.52	88.3%	86.0	17.3	7/8 / 1 3/8	244,292.7	247,232.3	63/65	43.8	208/3	41, 41	60, 60	60, 60	1245	1,2,3,4,5
ODU-4	MITSUBISHI ELECTRIC TRANE HVAC US	TURYE2403BN40AN	P120, P120	240,000.0	270,000.0	23.6/11.95	3.52	88.3%	86.0	17.3	7/8 / 1 3/8	244,292.7	247,232.3	63/65	43.8	208/3	41, 41	60, 60	60, 60	1245	1,2,3,4,5

1. NOMINAL COOLING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 80/67° F (DB/WB), OUTDOOR OF 95° F (DB)
2. NOMINAL HEATING CAPACITIES ARE BASED ON INDOOR COIL EAT OF 70° F (DB), OUTDOOR OF 43° F (WB)
3. EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI 1230 TEST METHOD FOR MIXTURE OF DUCTED & NON-DUCTED INDOOR UNITS.
4. FOR SYSTEMS WITH MULTIPLE MODULES, REFRIGERANT PIPE DIMENSIONS INDICATED TOTAL SYSTEM COMBINED PIPING DOWNSTREAM OF MODULE TWINNING.
5. ADDED FIELD CHARGE LISTED IS IN ADDITION TO FACTORY CHARGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2102 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.tneswst.com

CONSULTANT'S STAMP

DAVID M. MARKS — STATE OF WASHINGTON — 23285 — REGISTERED PROFESSIONAL ENGINEER
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ENERGY RECOVERY UNIT SCHEDULE

Mark	MANUFACTURER	MODEL	SUPPLY FAN CFM	SUPPLY FAN ESP	SUPPLY FAN KW	SUPPLY FAN HP	SUPPLY FAN BHP	EXHAUST FAN CFM	EXHAUST FAN ESP	EXHAUST FAN KW	EXHAUST FAN HP	EXHAUST FAN BHP	EXCHANGE EFFICIENCY TEMPERATURE	EXCHANGE EFFICIENCY ENTHALPY COOLING %	EXCHANGE EFFICIENCY ENTHALPY HEATING %	ELECTRIC HEAT KW	HEAT EXCHANGER EFFICIENCY %	ELECTRICAL CONNECTION VOLT/PH	ELECTRICAL CONNECTION MCA	ELECTRICAL CONNECTION MOCP	SOUND LEVEL dBA	WEIGHT (POUNDS)	NOTES
ERV1-1	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	540	0.86	0.515	0.68		540	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-2	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		575	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-3	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-4	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-5	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	570	0.86	0.515	0.68		570	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-6	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-7	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-8	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	1	0.425	0.68		67-73-76.5-81	51.0-57.0-64.0-72.0	64.0-69.0-75.0-83.0			208/1	5.2	15	40.0-34.026.0-20.0	110	7,8
ERV1-9	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV1-10	MITSUBISHI ELECTRIC TRANE HVAC US	TLGHF0600RVX02A	600	0.86	0.515	0.68		600	0.86	0.515	0.68		67-73-76.5-81	50.0-56.5-64.5-71.0	64.0-68.5-74.5-80.0			208/1	5.2	15	41.0-35.0-27.0-20.0	123	7,8
ERV2-1	GREENHECK	RVE-85-52-30H	5400	1.5	5.63	7.5	5.63	5400	1.5	3.75	5	4.49				32.8	66.3	208/3	159.9	175	72	4025	1,2,3,4,5,6
ERV2-2	RENEWAIRE	DN2	1565	2	2.7	3.6		1565	2	2.7	3.6					10	62.9	208/3	55.8	60		2200	1,2,3,4,5
ERV2-3	RENEWAIRE	DN2	1435	2	2.7	3.6		1435	2	2.7	3.6					10	67	208/3	55.8	60		2200	1,2,3,4,5
ERV2-4	RENEWAIRE	DN2	1600	2	2.7	3.6		1600	2	2.7	3.6					10	60.1	208/3	55.8	60		2200	1,2,3,4,5

1. PROVIDE WITH OSA, ALUMINUM MESH FILTERED, MOTORIZED DAMPER FOR OUTSIDE AIR INTAKE AND EXHAUST OUTLET HOODS.
2. PROVIDE WITH ROOF CURB.
3. PROVIDE WITH BUILT IN TEMP. CONTROLLER.
4. PROVIDE WITH MERV. 13 FILTER
5. FAN SPEED SHALL BE VARIABLE VOLUME ADJUST FAN SPEED BASED ON CO2 SENSOR
6. PROVIDE WITH SIDE SUPPLY AND RETURN AIR CONNECTIONS.
7. PROVIDE MOTORIZED DAMPER FOR OUTSIDE AIR INTAKE AND EXHAUST OUTLET. PROVIDE WITH FACTORY CONTROLLER. CONTROLLER SHALL ENABLE DUCT HEATER WHEN SPACES ARE IN HEATING MODE. IN COOLING MODE DUCT HEATER SHALL BE DISABLED AND DAT SHALL BE LIMITED TO 60°F.
8. PROVIDE FAN SPEED CONTROLS.

VRF HEAT RECOVERY BRANCH CIRCUIT CONTROLLER SCHEDULE

UNIT NO.	MANUFACTURER	MODEL	TYPE (DOUBLE MAIN/SUB)	NUMBERE OF PORTS	CONNECT CAPACITY TO BC	VOLT/PH	POWER COOLING 208V (KW)	POWER HEATING 208V (KW)	OPERATING WEIGHT (LBS)	NOTES
BC1-1	MITSUBISHI ELECTRIC TRANE HVAC US	TCMBM1012JA11N4	MAIN	12	212,000	208/1	0.198	0.106	133	INCLUDE DIAMONDBACK BALL VAVLES BV-SERIES, 700PSIG WORKING PRESSURE, FULL PORT, 410A RATED.
BC1-2	MITSUBISHI ELECTRIC TRANE HVAC US	TCMBM1012JA11N4	MAIN	12	216,000	208/1	0.198	0.106	133	INCLUDE DIAMONDBACK BALL VAVLES BV-SERIES, 700PSIG WORKING PRESSURE, FULL PORT, 410A RATED.
BC2-1	MITSUBISHI ELECTRIC TRANE HVAC US	TCMBM1012JA11N4	MAIN	12	215,000	208/1	0.198	0.106	133	INCLUDE DIAMONDBACK BALL VAVLES BV-SERIES, 700PSIG WORKING PRESSURE, FULL PORT, 410A RATED.
BC2-2	MITSUBISHI ELECTRIC TRANE HVAC US	TCMBM1012JA11N4	MAIN	12	233,000	208/1	0.198	0.106	133	INCLUDE DIAMONDBACK BALL VAVLES BV-SERIES, 700PSIG WORKING PRESSURE, FULL PORT, 410A RATED.

DUCT HEATER SCHEDULE

UNIT NO	MANUFACTURER	MODEL	AREA SERVED	DUCT DIMENSIONS (INSIDE) W (WIDTH)	DUCT DIMENSIONS (INSIDE) H (HEIGHT)	ELECTRIC SUPPLY KW	ELECTRIC SUPPLY VOLT/PH	NOTES
DH1-1	GREENHECK	IDHE	ERV1-1	12	10	3	208/3	
DH1-2	GREENHECK	IDHE	ERV1-2	12	10	3.5	208/3	
DH1-3	GREENHECK	IDHE	ERV1-3	12	10	3.5	208/3	
DH1-4	GREENHECK	IDHE	ERV1-4	12	10	3.5	208/3	
DH1-5	GREENHECK	IDHE	ERV1-5	16	8	3	208/3	
DH1-6	GREENHECK	IDHE	ERV1-6	12	10	3.5	208/3	
DH1-7	GREENHECK	IDHE	ERV1-7	12	10	3.5	208/3	
DH1-8	GREENHECK	IDHE	ERV1-8	12	10	3.5	208/3	
DH1-9	GREENHECK	IDHE	ERV1-9	12	10	3.5	208/3	
DH1-10	GREENHECK	IDHE	ERV1-10	12	10	3.5	208/3	

1. PROVIDE DUCT HEATERS WITH FACTORY 24 VOLT FAN RELAY INTERLOCK. CONTROL CONTRACTOR SHALL MOUNT AND WIRE THE FACTORY FAN RELAY INTERLOCK.
2. FACTORY CONTROLS SET LAT @ 65°.
3. PROVIDE WITH SCR CONTROL.

DUCTLESS SPLIT SYSTEM (INDOOR UNIT) SCHEDULE

Mark	MANUFACTURER	Model	AREA SERVED	CFM	MOUNTING	COND. DRAIN PIPE (IN)	ELECTRICAL (SEE NOTE1) VOLT/PH	ELECTRICAL (SEE NOTE1) MCA	ELECTRICAL (SEE NOTE1) FLA (EA)	WEIGHT (POUNDS)	NOTES
AC1-1A	MITSUBISHI ELECTRIC TRANE HVAC US	TPKA0A0241KA70A	ELEV. MACH 138	570	WALL MOUNTED	5/8"	208/1	1	0.36	46	
AC1-2A	MITSUBISHI ELECTRIC TRANE HVAC US	PKA-A12LA	MDF 123	310	WALL MOUNTED	5/8"	208/1	1	0.19	28	
AC2-1A	MITSUBISHI ELECTRIC TRANE HVAC US	PKA-A12LA	IDF 216	310	WALL MOUNTED	5/8"	208/1	1	0.19	28	

DUCTLESS SPLIT SYSTEM (OUTDOOR UNIT) SCHEDULE

Mark	MANUFACTURER	MODEL	AREA SERVED	NOMINAL COOLING (MBH)	NOMINAL HEATING (MBH)	REFRIGERANT PIPE DIM. LIQUID/SUCTION (INCH)	HSPF	SEER	ELECTRICAL CONNECTION VOLT/PH	ELECTRICAL CONNECTION MCA	Maximum Overcurrent Protection	WEIGHT (POUNDS)	NOTES
AC1-1B	MITSUBISHI ELECTRIC TRANE HVAC US	TRUZA0241HA70	ELEV. MACH 138	24	28	3/8 / 5/8	11	21.4	208/1	19	26 A	153	
AC1-2B	MITSUBISHI ELECTRIC TRANE HVAC US	TRUZA0121KA70	MDF 123	12	18	1/4 / 1/2	10.2	21	208/1	11	28 A	93	
AC2-1B	MITSUBISHI ELECTRIC TRANE HVAC US	TRUZA0121KA70	IDF 216	12	18	1/4 / 1/2	10.2	21	208/1	11	28 A	93	

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

CONSULTANT'S STAMP

DAVID M. MORRIS — STATE OF WASHINGTON — 19285 — REGISTERED PROFESSIONAL ENGINEER

10-24-22

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2213

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AIR TERMINAL SCHEDULE

SYMBOL	AIR TERMINAL - SIZES AS NOTED ON PLANS
CD-*	CEILING DIFFUSER: TITUS MODEL TDCA ADJUSTABLE DIFFUSER FOR INSTALLATION IN T-BAR CEILINGS. PROVIDE 24x12 OR 24x24 PANS AS REQUIRED TO SUIT CEILING PANELS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER. "*" INDICATES THROW PATTERN.
CDH-*	CEILING DIFFUSER: TITUS MODEL TDCA ADJUSTABLE DIFFUSER FOR HARD CEILING APPLICATION. FURNISH WITH STANDARD FLANGE FRAME. MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER. "*" INDICATES THROW PATTERN.
CEG	CEILING EXHAUST GRILLE: TITUS MODEL 50-F FOR INSTALLATION IN T-BAR CEILINGS. PROVIDE 24x12 OR 24x24 PANS AS REQUIRED TO SUIT CEILING PANELS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
CEGH	CEILING EXHAUST GRILLE: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN HARD CEILINGS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
CRG	CEILING RELIEF GRILLE: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN T-BAR CEILINGS. PROVIDE 12x24 OR 24x24 PANS AS REQUIRED TO SUIT CEILING PANELS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
CRGH	CEILING RELIEF GRILLE: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN HARD CEILINGS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
CRR	CEILING RETURN REGISTER: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN T-BAR CEILINGS. PROVIDE 12x24 OR 24x24 PANS AS REQUIRED TO SUIT CEILING PANELS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER. PAINT DUCT MATTE BLACK BEHIND GRILLE.
CRRH	CEILING RETURN REGISTER: SHALL BE TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN HARD CEILINGS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER. PAINT DUCT MATTE BLACK BEHIND GRILLE.
WRG	WALL EXHAUST GRILLE: TITUS 350RL STEEL GRILLE WITH 35°-DEFLECTION LOUVERS SPACED 3/4". MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER.
RD	ROUND SUPPLY DIFFUSER: TITUS MODEL TMRA-AA, ALUMINUM, TRIPLE ROUND CONE CENTER, WITH TWO HORIZONTAL ADJUSTMENT SETTINGS. MANUFACTURER'S STANDARD OFF-WHITE FINISH.
SR	SUPPLY REGISTER: TITUS MODEL 300FS FOR INSTALLATION ON EXPOSED DUCTWORK OR WALL, 3/4" BLADE SPACING, DOUBLE DEFLECTION, INDIVIDUALLY ADJUSTABLE BLADES, FRONT BLADES PARALLEL TO SHORT DIMENSION. INCLUDE OPPOSED BLADE VOLUME DAMPER. MANUFACTURER'S STANDARD OFF-WHITE FINISH.
SFG	SOFFIT GRILLE: TITUS MODEL 350RL-SS FOR INSTALLATION ON OUTDOOR CORROSIVE ENVIRONMENTS. 3/4" BLADE SPACING, 45° FIXED DEFLECTION, FRONT BLADES PARALLEL TO LONG DIMENSION. MANUFACTURER'S STANDARD OFF-WHITE FINISH.
TG	TRANSFER GRILLE: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR INSTALLATION IN T-BAR CEILINGS. PROVIDE 12x24 OR 24x24 PANS AS REQUIRED TO SUIT CEILING PANELS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
TGH	TRANSFER GRILLE: TITUS MODEL 50-F 1/2"x1/2"x1/2" EGGCRATE GRILLE FOR HARD CEILINGS. MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE.
WEG	WALL EXHAUST GRILLE: TITUS 350RL STEEL GRILLE WITH 35°-DEFLECTION LOUVERS SPACED 3/4". MANUFACTURER'S STANDARD OFF-WHITE FINISH. INCLUDE OPPOSED-BLADE VOLUME DAMPER.
WTG	WALL TRANSFER GRILLE: TITUS MODEL 350RL, WITH HORIZONTAL 35°-DEFLECTION BLADES SPACED 3/4". MANUFACTURER'S STANDARD OFF-WHITE FINISH. PAINT DUCT MATTE BLACK BEHIND GRILLE. TURN BLADES UP.
WPL	WEATHERPROOF LOUVER: GREENHECK MODEL EVH-501 WIND-DRIVEN RAIN LOUVER. FRAME SHALL BE HEAVY GAUGE EXTRUDED 6005-T5 ALUMINUM, 5"x0.081". NOMINAL WALL THICKNESS. BLADES SHALL BE VERTICAL RAIN RESISTANT STYLE, HEAVY GAUGE EXTRUDED 6063-T5 ALUMINUM 0.060" POSITIONED ON APPROXIMATELY 1.5" SPACING. PROVIDE 3/4"x0.051" FLATTENED EXPANDED ALUMINUM BIRD SCREEN IN REMOVABLE FRAME INSIDE MOUNT. MILL FINISH. FINAL COLOR PAINT TO MATCH WALL.

TABLE C403.10.1.1 OUTDOOR AIR DUCTWORK INSULATION

DUCT SYSTEM	DUCT LOCATION AND USE	CLIMATE ZONE	AIR FLOW	MINIMUM INSTALLED DUCT INSULATION R-VALUE a, b	NOTES
OUTDOOR AIR	INSIDE CONDITIONED SPACE AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER	4C AND 5B	≥ 2800 CFM	R-16	SEE SECTION C403.10.1.1 FOR ADDITIONAL REQUIREMENTS
OUTDOOR AIR	INSIDE CONDITIONED SPACE AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER TO HVAC UNIT OR ROOM	4C	≥ 2800 CFM	R-8	
OUTDOOR AIR	INSIDE CONDITIONED SPACE AND UPSTREAM OF AUTOMATIC SHUTOFF DAMPER	5B	≥ 2800 CFM	R-12	
OUTDOOR AIR	INSIDE CONDITIONED SPACE	4C AND 5B	≤ 2800 CFM	R-7	SEE EXCEPTION 1 TO SECTION C403.10.1.1 FOR ADDITIONAL DETAILS

TABLE C403.10.1.2
SUPPLY, RETURN, EXHAUST AND RELIEF AIR DUCTWORK INSULATION

DUCT SYSTEM	DUCT LOCATION AND USE	CLIMATE ZONE	MINIMUM INSTALLED DUCT INSULATION R-VALUE a, b	NOTES
SUPPLY AIR OR RETURN AIR	OUTSIDE THE BUILDING (OUTDOORS AND EXPOSED TO WEATHER) c	4C	R-8	SEE SECTION C403.10.1.2 FOR DETAILS
SUPPLY AIR OR RETURN AIR	OUTSIDE THE BUILDING (OUTDOORS AND EXPOSED TO WEATHER) c	5B	R-12	SEE SECTION C403.10.1.2 FOR DETAILS
SUPPLY AIR OR RETURN AIR	UNCONDITIONED SPACE (ENCLOSED BUT NOT IN THE BUILDING CONDITIONED ENVELOP)	4C AND 5B	R-6	SEE SECTION C403.10.1.2 FOR DETAILS
SUPPLY AIR OR RETURN AIR	UNCONDITIONED SPACE WHERE THE DUCT CONVEYS AIR THAT IS WITHIN 15° F OF THE AIR TEMPERATURE OF THE SURROUNDING UNCONDITIONED SPACE	4C AND 5B	R-3.3	SEE IMC SECTION 603.12 FOR ADDITIONAL REQUIREMENTS FOR CONDENSATION CONTROL AT DUCTWORK
SUPPLY AIR OR RETURN AIR	WHERE LOCATED IN A BUILDING ENVELOPE ASSEMBLY	4C AND 5B	R-16	DUCT OR PLENUM IS SEPARATED FROM BUILDING ENVELOPE ASSEMBLY WITH THE MINIMUM INSULATION VALUE
SUPPLY AIR	WITHIN CONDITIONED SPACE WHERE THE SUPPLY DUCT CONVEYS AIR THAT IS LESS THAN 55° F OR GREATER THAN 105° F	4C AND 5B	R-3.3	SEE SECTION C403.10.1.2 FOR DETAILS
SUPPLY AIR	WITHIN CONDITIONED SPACE THAT THE DUCT DIRECTLY SERVES WHERE THE SUPPLY DUCT CONVEYS AIR THAT IS LESS THAN 55° F OR GREATER THAN 105° F	4C AND 5B	NONE	SEE SECTION C403.10.1.2 FOR DETAILS
SUPPLY AIR	WITHIN CONDITIONED SPACE WHERE THE SUPPLY DUCT CONVEYS AIR THAT IS LESS THAN 55° F OR GREATER THAN 105° F OR LESS	4C AND 5B	NONE	
RETURN OR EXHAUST AIR	WITHIN CONDITIONED SPACE DOWNSTREAM OF AN ENERGY RECOVERY MEDIA, UPSTREAM OF AN AUTOMATIC SHUTOFF DAMPER	4C	R-8	
RETURN OR EXHAUST AIR	WITHIN CONDITIONED SPACE DOWNSTREAM OF AN ENERGY RECOVERY MEDIA, UPSTREAM OF AN AUTOMATIC SHUTOFF DAMPER	5B	R-12	
RETURN OR EXHAUST AIR	CONDITIONED SPACE DOWNSTREAM OF AN AUTOMATIC SHUTOFF DAMPER	4C AND 5B	R-16	

a. INSULATION R-VALUES, MEASURED IN h.ft2.° F/Btu. ARE FOR THE INSULATION AS INSTALLED AND DO NOT INCLUDE FILM RESISTANCE. THE REQUIRED MINIMUM THICKNESS DO NOT CONSIDER WATER VAPOR TRANSMISSION AND POSSIBLE SURFACE CONDENSATION. INSULATION RESISTANCE MEASURED ON A HORIZONTAL PLANE IN ACCORDANCE WITH ASTM C518 AT A MEAN TEMPERATURE OF 75° F AT THE INSTALLED THICKNESS.
b. SEE INTERNATIONAL MECHANICAL CODE SECTIONS 603.12 AND 604 FOR FURTHER DETAILS ON DUCT INSULATION REQUIREMENTS.
c. INCLUDES ATTICS ABOVE INSULATED CEILINGS. PARKING GARAGES AND CRAWL SPACES.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
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SHEET TITLE
MECHANICAL SCHEDULES

SHEET NO.
M1.03

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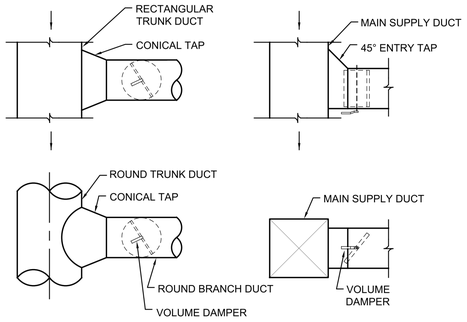
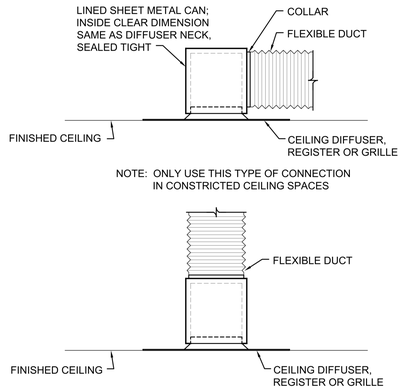


CONICAL ENTRY TAP 45° ENTRY TAP

NOTES:
1. FOLLOW SMACNA DUCT CONSTRUCTION STANDARDS.
2. ALL BRANCH DUCTS ARE TO HAVE VOLUME DAMPERS.

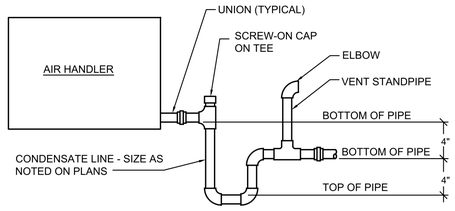
1 M1.11 BRANCH CONNECTION
SCALE: NONE



NOTE: ONLY USE THIS TYPE OF CONNECTION IN CONSTRICTED CEILING SPACES

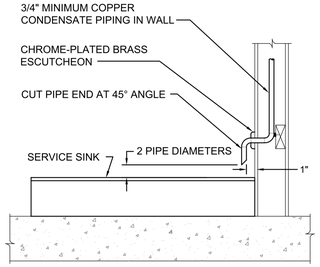
NOTE: USE THIS TYPE OF CONNECTION WHERE THERE IS ENOUGH CEILING SPACE TO KEEP KINKS OUT OF FLEXIBLE DUCT

2 M1.11 SUPPLY/RETURN AIR CAN CONNECTION
SCALE: NONE

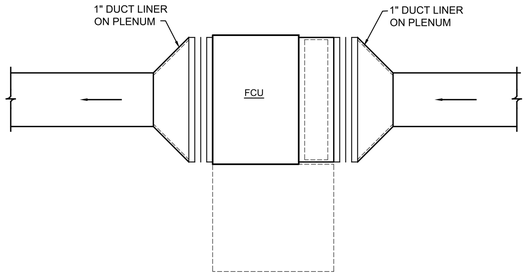


3 M1.11 CONDENSATE TRAP
SCALE: NONE

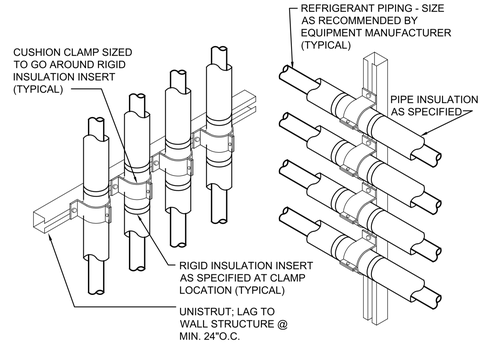
NOTE:
EXPOSED PORTION OF PIPING SHALL BE COPPER.



4 M1.11 CONDENSATE DRAIN DISCHARGE TO SERVICE SINK
SCALE: NONE

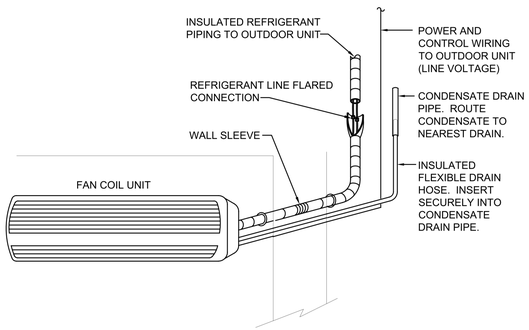


5 M1.11 FCU DUCT LINER DETAIL
SCALE: NONE

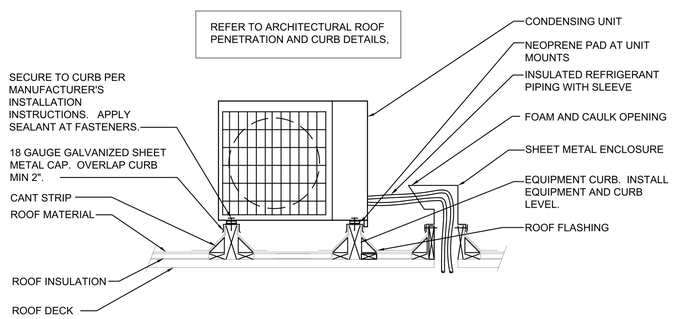


NOTES:
1. PROVIDE PIPING SUPPORT AS SHOWN AT ALLOWABLE SPACING AS NOTED IN SPECIFICATIONS FOR PIPE HANGERS.
2. COVER ENTIRE LENGTH OF EXPOSED PIPING ON EXTERIOR WALL W/ COVERING PER SPECIFICATIONS

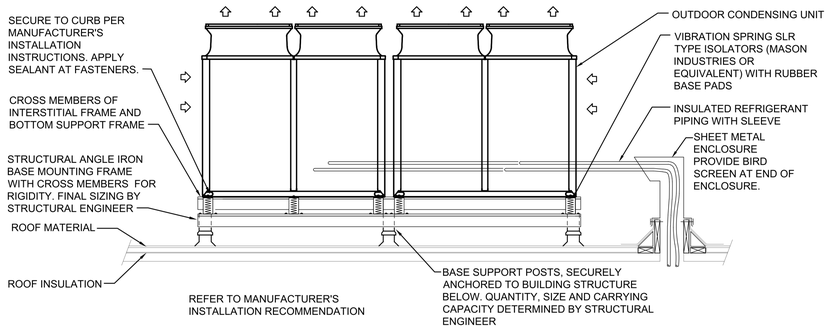
6 M1.11 REFRIGERANT PIPING ON BUILDING EXTERIOR
SCALE: NONE



7 M1.11 INDOOR UNIT - WALL MOUNTED SPLIT-SYSTEM
SCALE: NONE



8 M1.11 ROOF MOUNTED CONDENSING UNIT
SCALE: NONE



9 M1.11 ROOF MOUNTED OUTDOOR CONDENSING UNIT DETAIL
SCALE: NONE

PRCTI20221698

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M1.11

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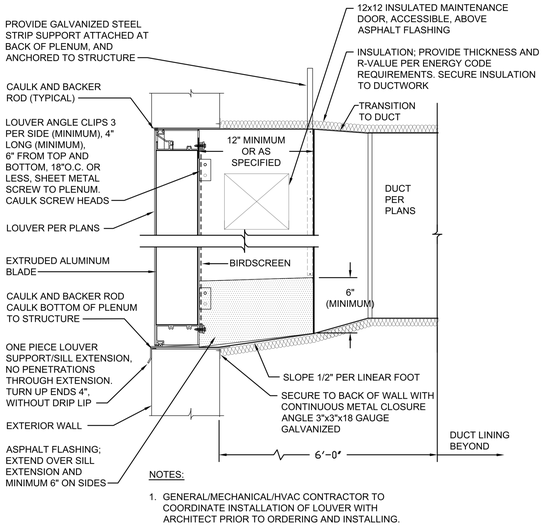
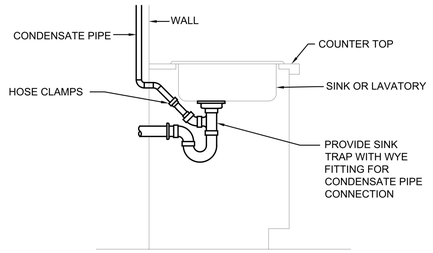


NOTES:

1. GENERAL/MECHANICAL/HVAC CONTRACTOR TO COORDINATE INSTALLATION OF LOUVER WITH ARCHITECT PRIOR TO ORDERING AND INSTALLING.

1 / M1.12 VERTICAL BLADE WEATHERPROOF LOUVER INSTALLATION DETAIL

SCALE: NONE



2 / M1.12 CONDENSATE DRAIN TO TAILPIECE OF SINK

SCALE: NONE

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MECHANICAL DETAILS

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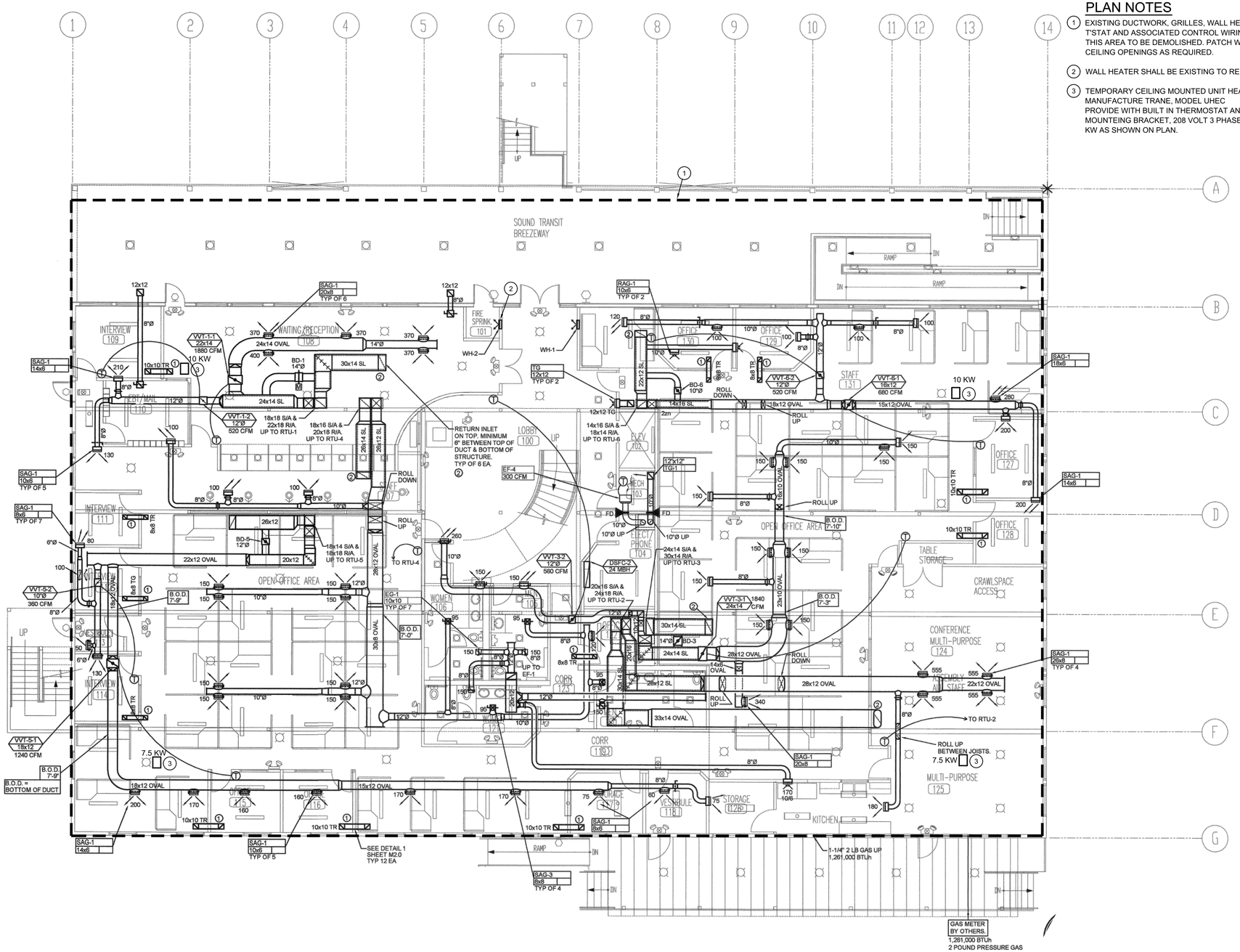
PLAN NOTES

1. EXISTING DUCTWORK, GRILLES, WALL HEATER, T'STAT AND ASSOCIATED CONTROL WIRING IN THIS AREA TO BE DEMOLISHED. PATCH WALL, CEILING OPENINGS AS REQUIRED.
2. WALL HEATER SHALL BE EXISTING TO REMAIN.
3. TEMPORARY CEILING MOUNTED UNIT HEATER. MANUFACTURE TRANE, MODEL UHEC PROVIDE WITH BUILT IN THERMOSTAT AND MOUNTEING BRACKET, 208 VOLT 3 PHASE, KW AS SHOWN ON PLAN.



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SHEET TITLE

HVAC DEMOLITION - LEVEL 1

SHEET NO.

M1.21

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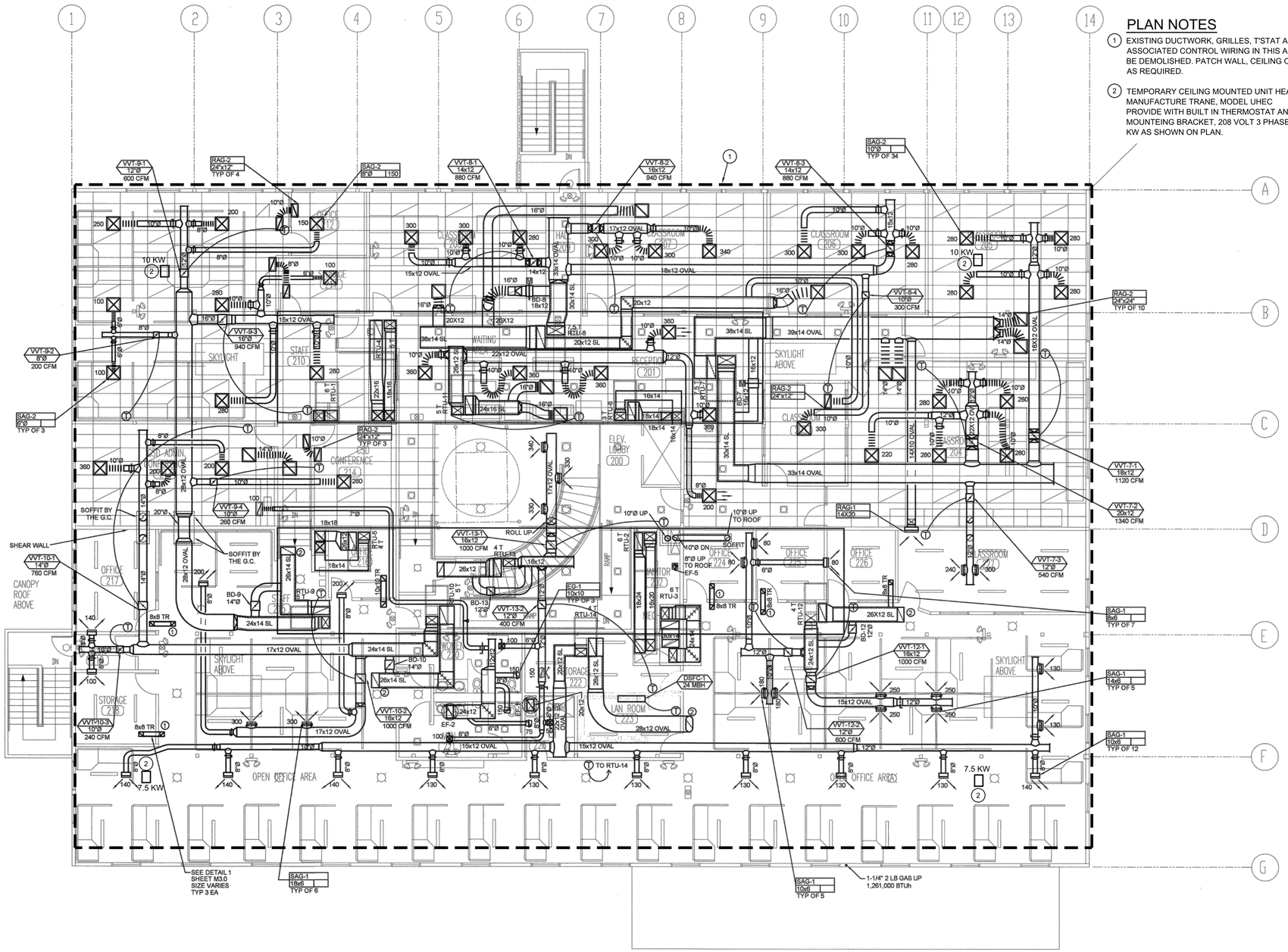

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PLAN NOTES

1. EXISTING DUCTWORK, GRILLES, T'STAT AND ASSOCIATED CONTROL WIRING IN THIS AREA TO BE DEMOLISHED. PATCH WALL, CEILING OPENINGS AS REQUIRED.
2. TEMPORARY CEILING MOUNTED UNIT HEATER. MANUFACTURE TRANE, MODEL UHEC PROVIDE WITH BUILT IN THERMOSTAT AND MOUNTEING BRACKET, 208 VOLT 3 PHASE, KW AS SHOWN ON PLAN.

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SHEET TITLE

HVAC DEMOLITION - LEVEL 2

SHEET NO.

M1.22

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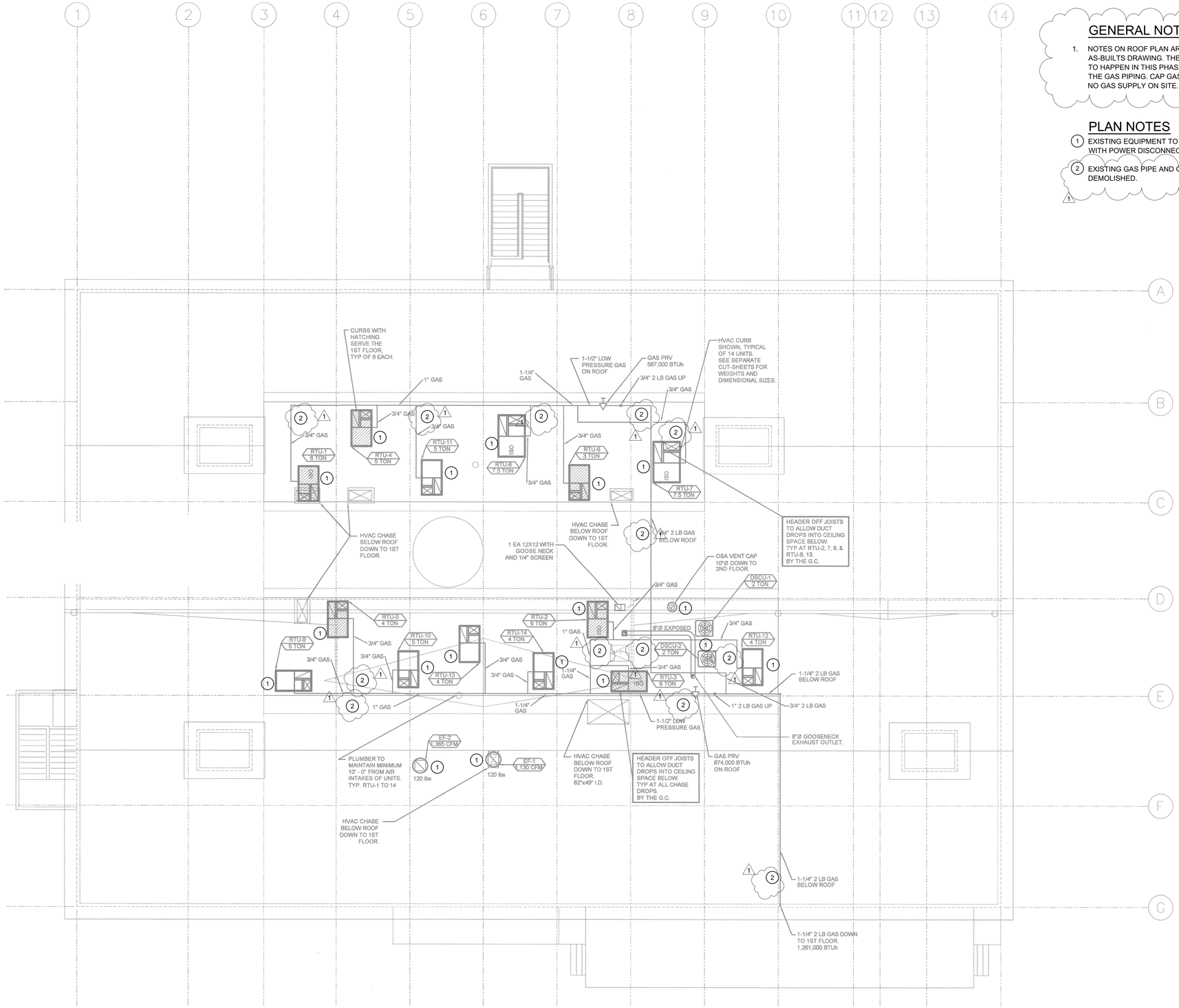
GENERAL NOTES

1. NOTES ON ROOF PLAN ARE FROM THE EXISTING AS-BUILTS DRAWING. THE ONLY DEMOLITION WORK TO HAPPEN IN THIS PHASE IS THE DEMOLITION OF THE GAS PIPING. CAP GAS PIPING AT GAS METER. NO GAS SUPPLY ON SITE.

PLAN NOTES

1. EXISTING EQUIPMENT TO BE ABANDONED IN PLACE WITH POWER DISCONNECTED.
2. EXISTING GAS PIPE AND GAS HEADER TO BE DEMOLISHED.



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SHEET TITLE

MECHANICAL DEMOLITION ROOF PLAN

SHEET NO.

M1.23

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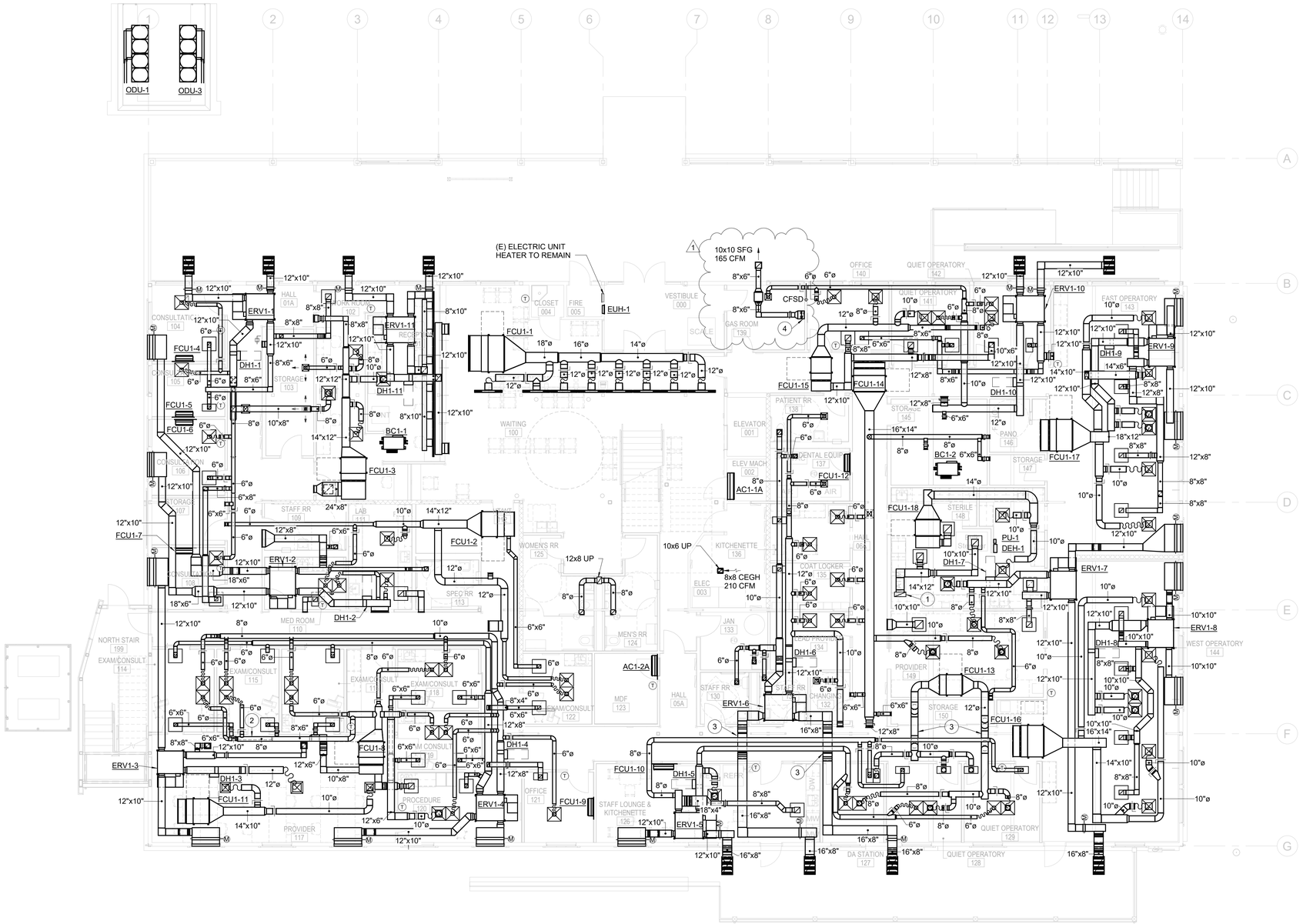
GENERAL NOTES:

1. PROVIDE OFFSET AS REQUIRED TO ROUND DUCTWORK AS HIGH AS POSSIBLE.

PLAN NOTES:

1. 20x 8 DUCT UP TO ROOF FAN. PROVIDE TRANSITION TO CONNECT TO ROOF FAN AS REQUIRED.
2. DUCTS STACKED, SUPPLY ABOVE RETURN BELOW.
3. PROVIDE OFFSETS TO ROUTE DUCT BELOW BEAM.
4. 14x4 DUCT DN. PROVIDE 10x10 EG 12" AFF. 165 CFM.



1 HVAC PLAN - LEVEL 1

1/8" = 1'-0"

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HVAC PLAN - LEVEL 1

SHEET NO.

M2.10

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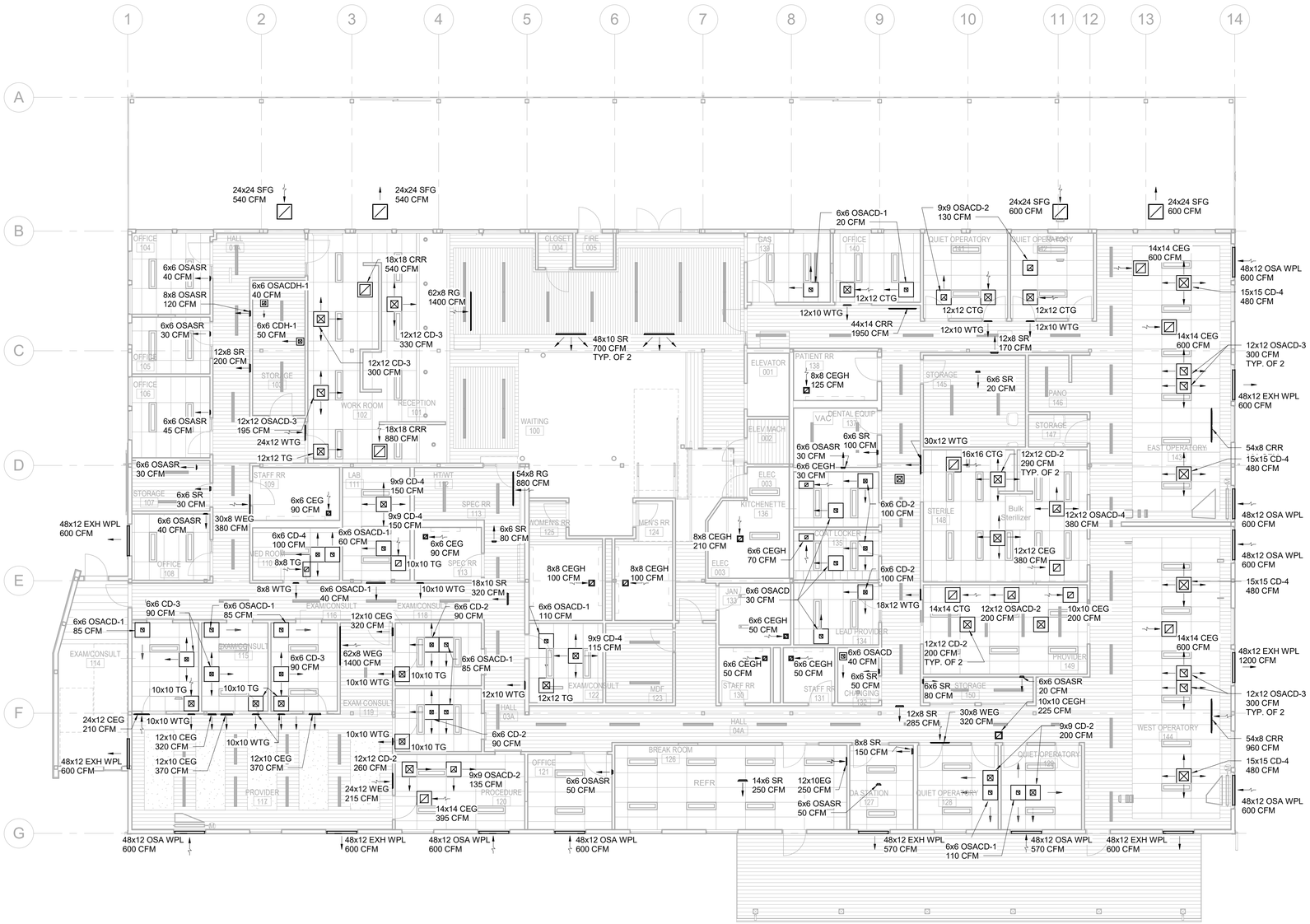

1 REFLECTED CEILING PLAN - LEVEL 1

1/8" = 1'-0"

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SHEET TITLE

REFLECTED CEILING PLAN - LEVEL 1

SHEET NO.

M2.11

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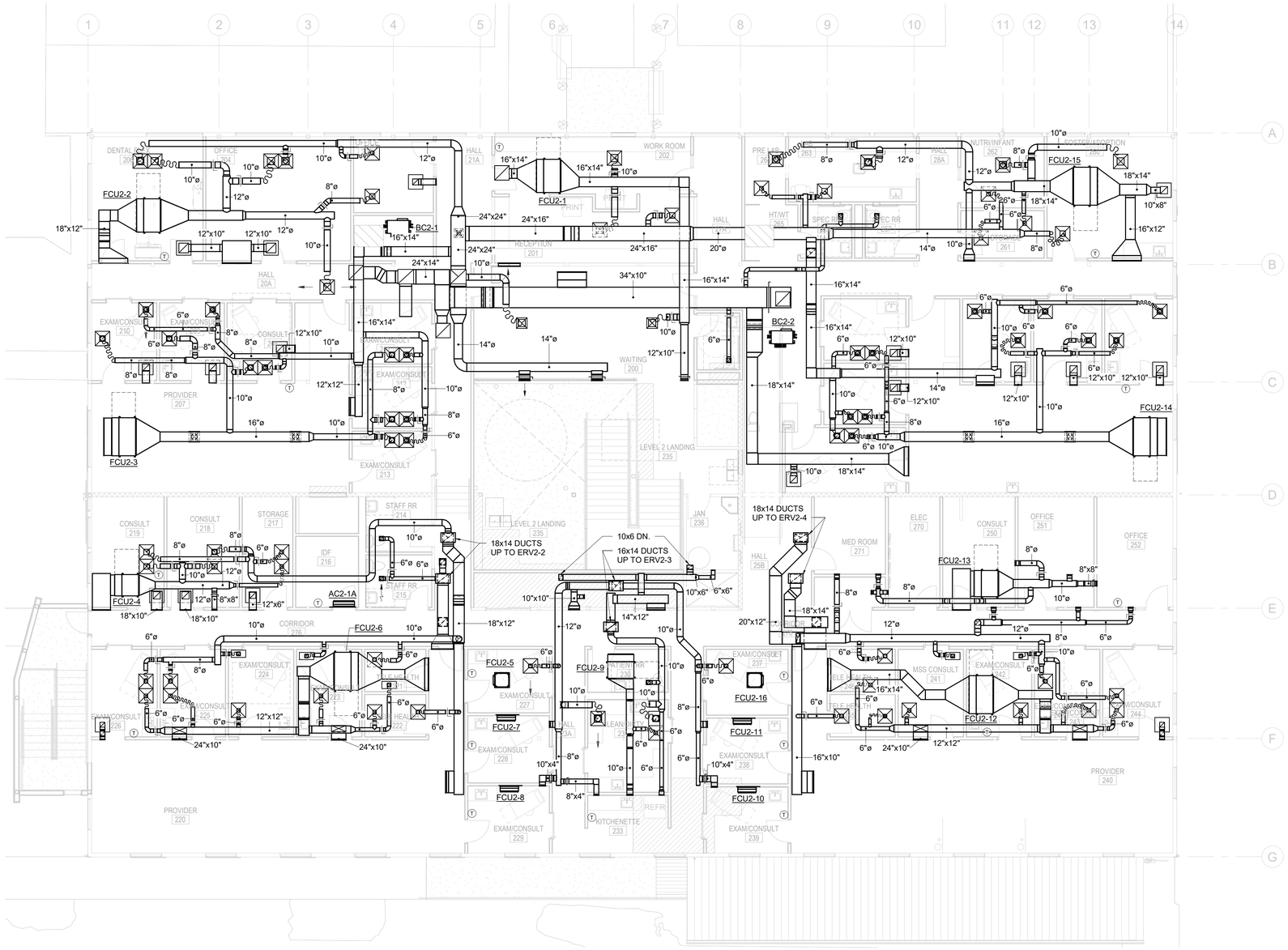

1 HVAC PLAN - LEVEL 2

1/8" = 1'-0"

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HVAC PLAN - LEVEL 2

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M2.20

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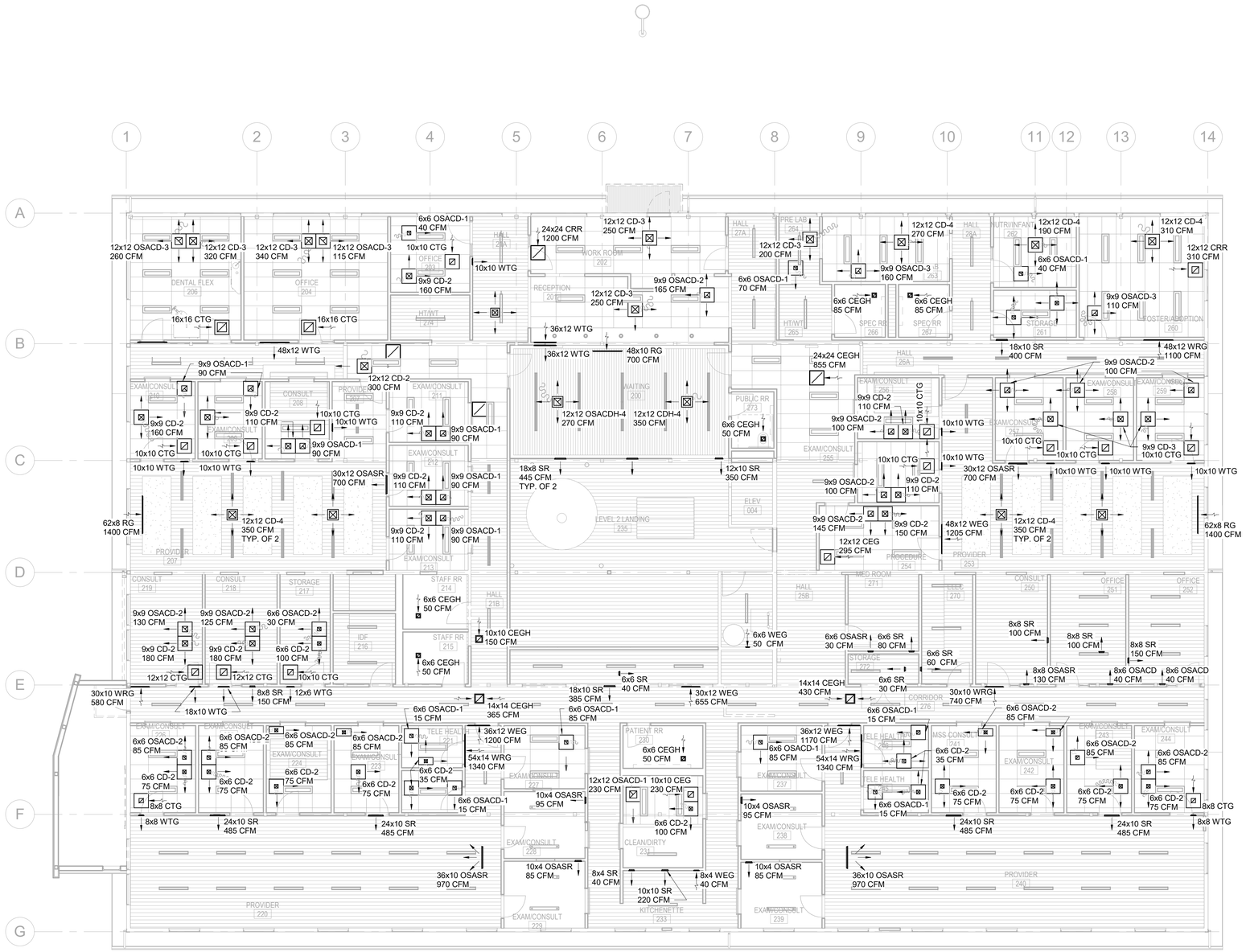

1 REFLECTED CEILING PLAN - LEVEL 2

1/8" = 1'-0"

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REFLECTED CEILING PLAN - LEVEL 2

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M2.21

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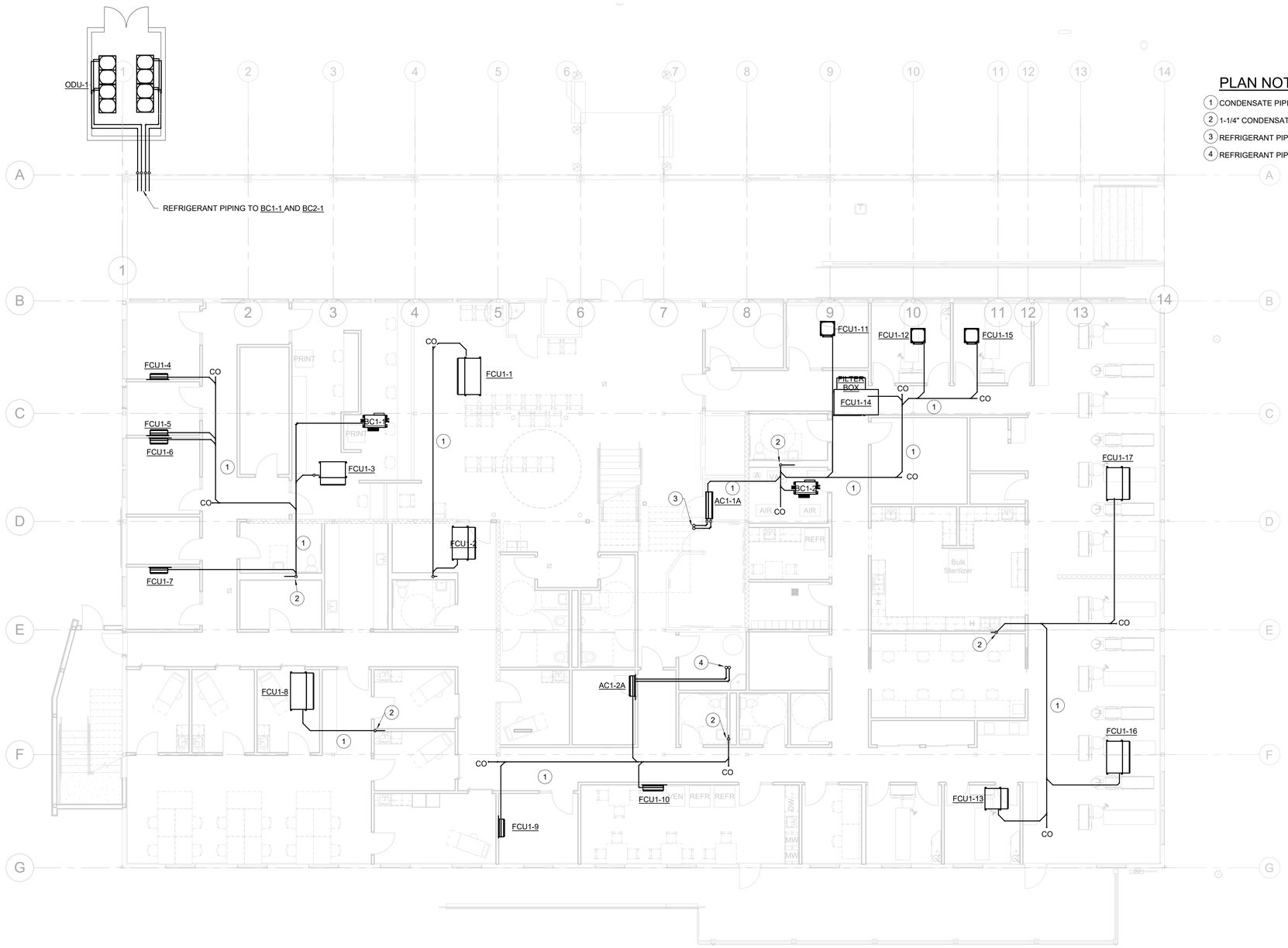

PLAN NOTES:

1. CONDENSATE PIPING. ROUTE PIPE WITH 1/8"/FT SLOPE TOWARD DRAIN.
2. 1-1/4" CONDENSATE DN. CONNECT CONDENSATE PIPE TO TAILPIECE OF SINK.
3. REFRIGERANT PIPING UP AC1-1B ON ROOF. SEE SCHEDULE FOR PIPE SIZE.
4. REFRIGERANT PIPING UP AC1-2B ON ROOF. SEE SCHEDULE FOR PIPE SIZE

1 REFRIGERANT AND CONDENSATE PIPING PLAN - LEVEL 1

1/8" = 1'-0"

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CONDENSATE PIPING PLAN - LEVEL 1

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M3.01

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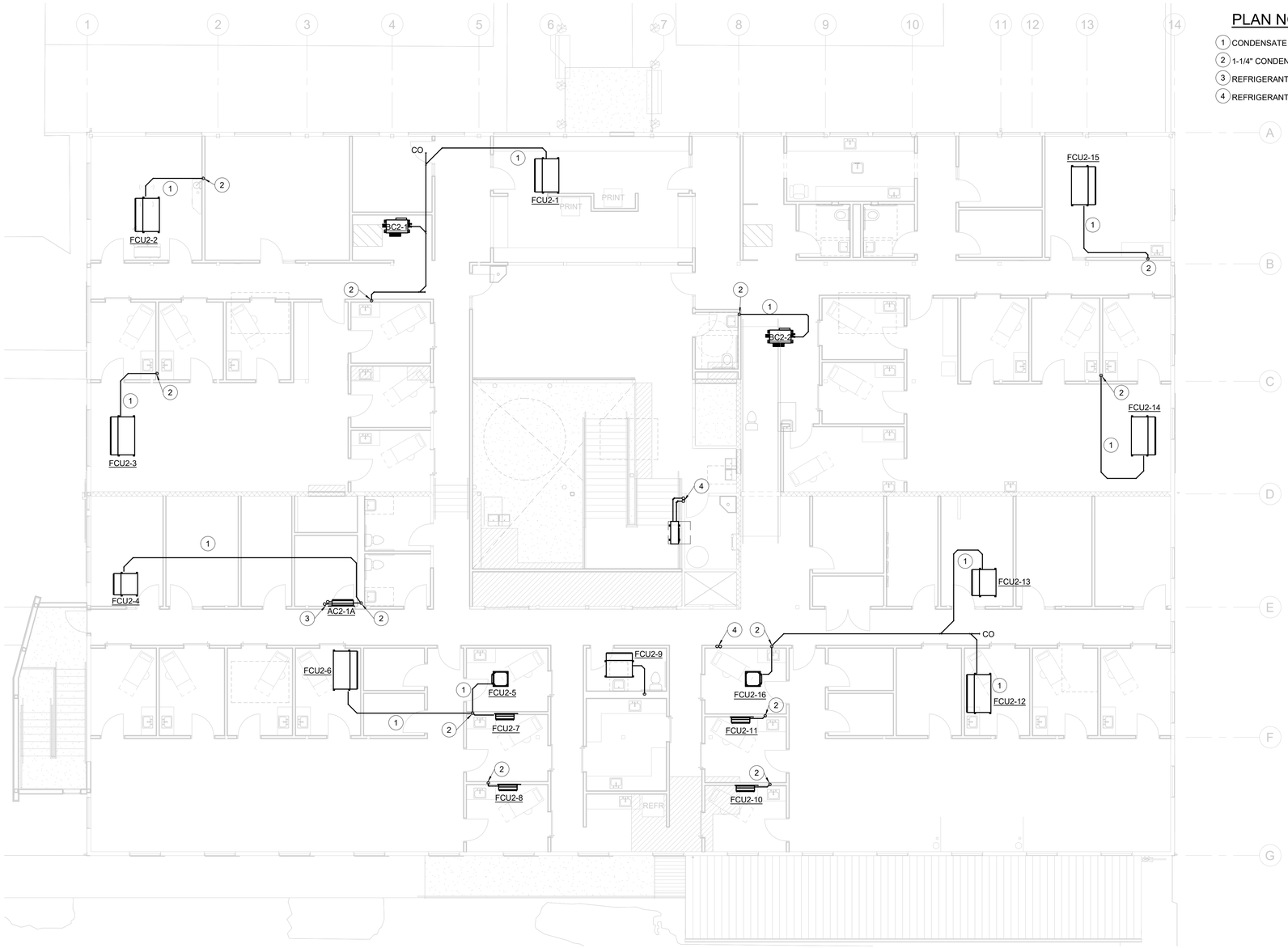

PLAN NOTES:

1. CONDENSATE PIPING. ROUTE PIPE WITH 1/8"/FT SLOPE TOWARD DRAIN.
2. 1-1/4" CONDENSATE DN. CONNECT CONDENSATE PIPE TO TAILPIECE OF SINK.
3. REFRIGERANT PIPING UP AC2-1B ON ROOF. SEE SCHEDULE FOR PIPE SIZE.
4. REFRIGERANT PIPING UP AND DN.

1 REFRIGERANT AND CONDENSATE PIPING PLAN - LEVEL 2

1/8" = 1'-0"

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CONDENSATE PIPING PLAN - LEVEL 2

SHEET NO.

M3.02

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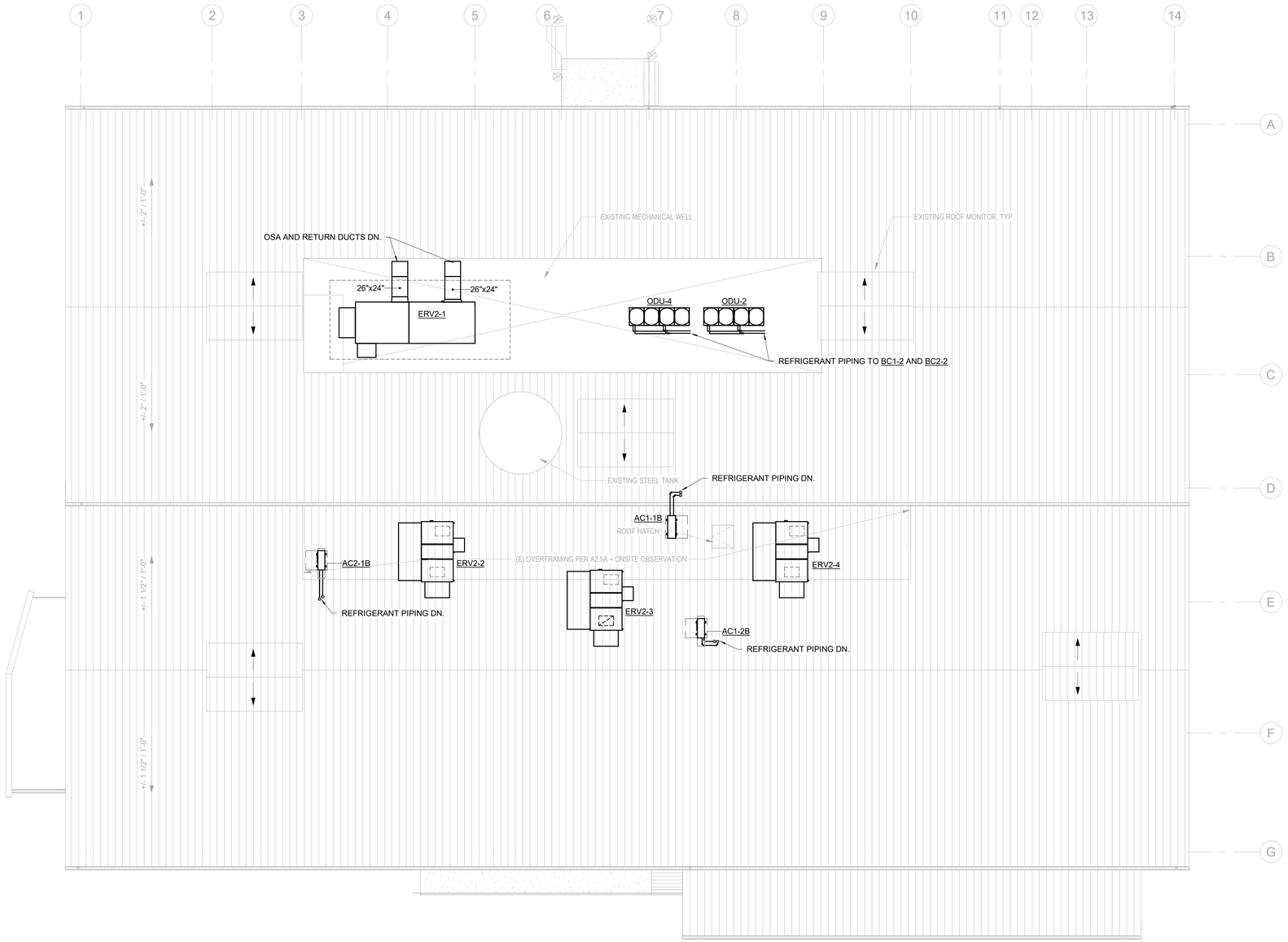
2213

PRCTI20221698



1 MECHANICAL ROOF PLAN

1/8" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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No.	Description	Date

SHEET TITLE

MECHANICAL ROOF PLAN

SHEET NO.

M4.01

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PRCTI20221698

DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
——/// ——	POWER WIRE
————	CONTROL WIRE
————	REF. PIPE

PIPING AND CONTROLS	
SYMBOL	BRANCH PIPE MODEL NAME
J1	CMY-R200NCBK
J2	CMY-R302S-G1
J3	CMY-R160-J1
J4	CMY-R300NCBK
SYMBOL	LIQUID PIPE/GAS PIPE SIZE
P1	3/4 /
P2	/ 1-1/8
P3	3/8 / 5/8
P4	1/4 / 1/2
P5	7/8 / 1-3/8
P6	3/8 / 3/4
P7	7/8 /
P8	1-1/8 / 1-3/8
SYMBOL	MODEL NUMBER
MA	TAR-40MAAU
LR	TZ-62DR-EA

CITY MULTI

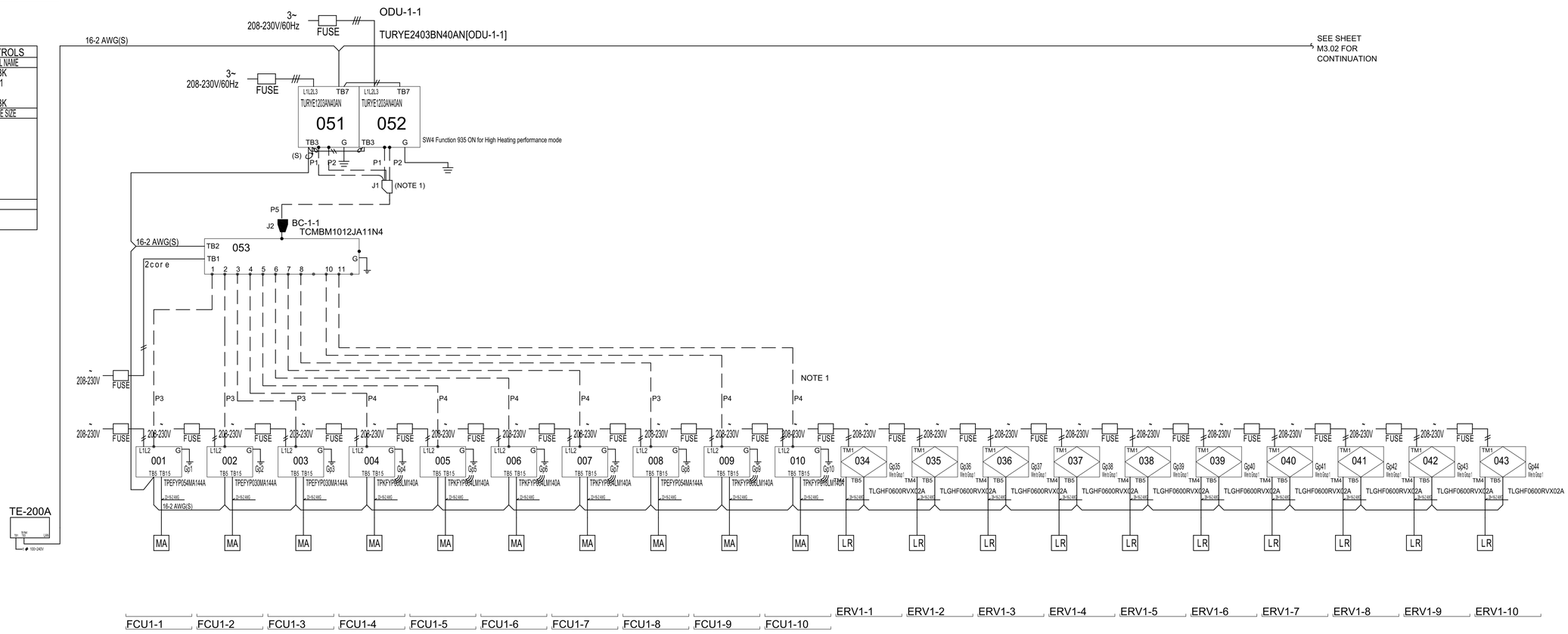
SYSTEM SCHEMATIC DWG.

This drawing is schematic in nature. Final routing of piping & wiring shall be determined by the installing contractor and/or designer of record

Additional refrigerant charge is needed depending on the size and length of extended piping. Please refer the amount of pre-charge and the formula of calculation which is mentioned on the data book.

1.25mm²(16 AWG) : 1.25mm²(16 AWG) or more. 0.75mm²(20 AWG) : between 0.5mm²(24 AWG) and 0.75mm²(20 AWG).

Coded Notes:
NOTE 1: Install twinning Y's within 15 degrees of level and with 20 inches of straight pipe on converging connection - reference installation manual for additional details including but not limited to special trapping requirements when twinning, and pipe slope requirements



1 REFRIGERANT PIPING DIAGRAM
SCALE: NONE

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
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REFRIGERANT PIPING DIAGRAMS

SHEET NO.

M5.01

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DIAGRAM SYMBOL LEGEND	
DISPLAY	DESCRIPTION
—///—	POWER WIRE
———	CONTROL WIRE
———	REF. PIPE

PIPING AND CONTROLS	
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J2	CMY-R302S-G1
J3	CMY-R160-J1
J4	CMY-R300NCBK
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P3	3/8 / 5/8
P4	1/4 / 1/2
P5	7/8 / 1-3/8
P6	3/8 / 3/4
P7	7/8 /
P8	1-1/8 / 1-3/8
SYMBOL	MODEL NUMBER
MA	TAR-40MAAU
LR	TZ-62DR-EA

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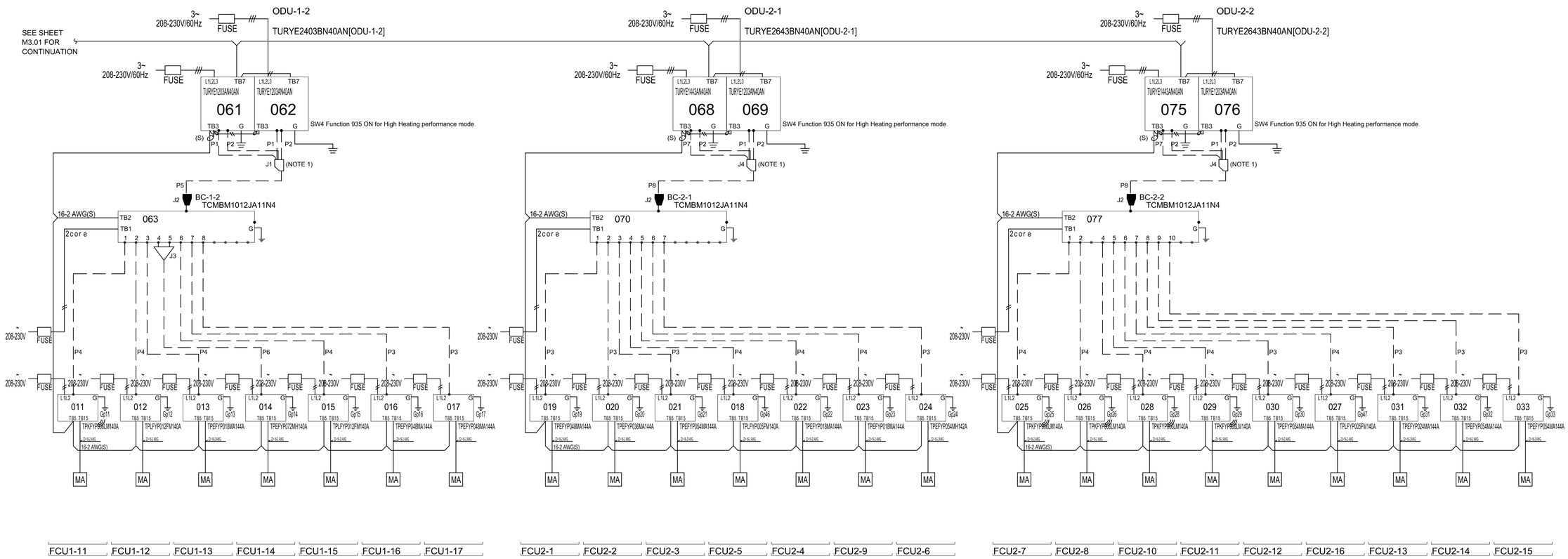

1 REFRIGERANT PIPING DIAGRAM
SCALE: NONE

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CONSULTANT

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2102 52ND AVE EAST, SUITE 301
TACOMA, WA 98424-7315
Phone: 253.472.3300
www.trieswest.com

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SHEET TITLE

REFRIGERANT PIPING DIAGRAMS

SHEET NO.

M5.02

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PRCTI20221698

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LIGHTING OR POWER PANEL	EF	EQUIPMENT CONNECTION, SEE EQUIPMENT CONNECTION SCHEDULES FOR SPECIFIC REQUIREMENTS.
	CONDUIT EXPOSED	MR	MOTOR RATED SWITCH
	CONDUIT CONCEALED IN WALL OR CEILING SPACE ONLY		MOTOR CONNECTION
	CONDUIT UNDER GROUND OR FLOOR		NON-FUSED DISCONNECT SWITCH
	EXISTING CONDUIT	F	FUSED DISCONNECT SWITCH
	CONDUIT UP		SPECIAL EQUIPMENT CONNECTION
	CONDUIT DOWN		EQUIPMENT CONNECTION
	CONDUIT STUB OUT WITH PLASTIC BUSHING	FACP	FIRE ALARM PANEL
	BRANCH CIRCUIT HOME RUN	FAAP	FIRE ALARM ANNUNCIATOR
	GROUNDING ELECTRODE PER CODES	SD	FIRE ALARM SMOKE DETECTOR
	FLEXIBLE CONDUIT	SD CO	FIRE ALARM COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR
EM M	ELECTRICAL METER	SD D	FIRE ALARM SMOKE DETECTOR, DUCT TYPE
J	CODE SIZED JUNCTION BOX WITH COVER PLATE	SD A	FIRE ALARM SMOKE DETECTOR, ABOVE CEILING WITH REMOTE TEST/LED STATION MOUNTED ON T-BAR CEILING.
A	ELECTRICAL DEVICE AS INDICATED, A=ABOVE COUNTER, WP=WEATHERPROOF, UC=UNDER COUNTER	H	FIRE ALARM HEAT DETECTOR, RATE-OF-RISE TYPE
	DUPLEX RECEPTACLE	F H	FIRE ALARM HEAT DETECTOR, F=FIXED TEMPERATURE, FD=FIXED TEMPERATURE WITH DUAL CONTACTS
	DUPLEX RECEPTACLE, TAMPER RESISTANT TYPE	F	FIRE ALARM CONNECTION, TYPE AS NOTED ON PLANS
	TWO DUPLEX RECEPTACLES IN COMMON BACK BOX AND UNDER COMMON PLATE	TS	TAMPER SWITCH FIRE ALARM MONITORING CONNECTION
S	HALF-CONTROLLED DUPLEX RECEPTACLE.	FS	FLOW SWITCH FIRE ALARM MONITORING CONNECTION
S	HALF-CONTROLLED DOUBLE DUPLEX RECEPTACLE.	PS	LOW/HIGH SUPERVISORY PRESSURE SWITCH FIRE ALARM MONITORING CONNECTION
	SPECIAL EQUIP CONNECTION WITH LIQUID TIGHT FLEX TO MATCH EQUIPMENT	FA	FIRE ALARM AUDIO-VISUAL NOTIFICATION DEVICE
	DUPLEX RECEPTACLE GFCI TYPE	FAL	FIRE ALARM LOW FREQUENCY AUDIO-VISUAL NOTIFICATION DEVICE
	DUPLEX RECEPTACLE SURGE PROTECTION TYPE	FN	FIRE ALARM LOW FREQUENCY AUDIO NOTIFICATION DEVICE
	SPECIAL RECEPTACLE TYPE TO MATCH EQUIP SERVED, VERIFY REQUIREMENTS.		FIRE ALARM STROBE LIGHT
	EMERGENCY LIGHT		CEILING MOUNTED FIRE ALARM AUDIO-VISUAL HORN/STROBE LIGHT
	EXIT LIGHT WITH DIRECTIONAL ARROWS, SHADING INDICATES DIRECTION OF FACE(S).	F	FIRE ALARM MANUAL PULL STATION, D=DUAL ACTION TYPE.
	EXIT LIGHT, SHADING INDICATES DIRECTION OF FACE(S).	D	FIRE ALARM DOOR RELEASE CONNECTION
R1	TYPICAL LIGHTING FIXTURE DESIGNATION, SEE SCHEDULE FOR TYPE	EM	FIRE ALARM ELECTROMAGNETIC TYPE DOOR HOLDER OUTLET
$	MANUAL ON/OFF SINGLE POLE SWITCH		COMBINATION FIRE/SMOKE DAMPER
3	THREE WAY SWITCH	S	CEILING MOUNTED FIRE ALARM SPEAKER/STROBE
LV	LOW VOLTAGE SWITCH	FN	FIRE ALARM LOW FREQUENCY SOUNDER
MS	LOW VOLTAGE MASTER OVERRIDE SWITCH	J FA	FIRE ALARM JBOX FOR FUTURE ADA NOTIFICATION DEVICE
P	PILOT LIGHTED SWITCH	PIV	POST INDICATOR VALVE
D	MANUAL ON/OFF WITH DIMMER SWITCH	M	FIRE ALARM MONITORING MODULE
VS	LINE VOLTAGE - WALL MOUNT VACANCY SENSOR DUAL TECHNOLOGY WITH DIMMING SWITCH	AOR	AREA-OF-RESCUE EMERGENCY INTERCOM STATION AND POWER SUPPLY.
OS	LINE VOLTAGE - WALL MOUNT OCCUPANCY SENSOR DUAL TECHNOLOGY WITH DIMMING SWITCH	MAR	MASTER AREA-OF-RESCUE EMERGENCY INTERCOM STATION AND POWER SUPPLY.
PC	CEILING MOUNTED PHOTO CELL	K	FIRE ALARM KNOX BOX
OS	LIGHTING CONTROL OCCUPANCY SENSOR DUAL TECHNOLOGY (CEILING MOUNT)		DATA/TV OUTLET
RC ##	LIGHTING CONTROL SYSTEM ROOM CONTROLLER (UL 924 FOR EM LTS). (## INDICATES CIRCUIT NUMBER)	Z	TELECOMMUNICATIONS OUTLET, SUBNUMBER=QUANTITY OF DROPS
		WAP	CEILING WIRELESS ACCESS POINT, (2) CAT6A DROPS
CR	CARD READER		TELECOM BACKBOARD
DC	DOOR CONTACT	HH	HANDHOLE
	SECURITY IP VIDEO CAMERA	J	CODE SIZED JUNCTION BOX WITH COVER PLATE
		AV1	AV STATION AS INDICATED ON DETAIL 5 / E40.5.
		AV2	AV STATION AS INDICATED ON DETAIL 5 / E40.5.
			4-POST DATA RACK

ABBREVIATIONS

ADA	AMERICAN DISABILITY ACT
AE	ARCHITECTURAL AND ENGINEERING
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AMP	AMPERE
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
C	CONDUIT
CKT	CIRCUIT
CO	CONDUIT AND PULL WIRE ONLY
COMM	COMMUNICATION
CU	COPPER
DISC	DISCONNECT SWITCH
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRICAL
EQUIP	EQUIPMENT
EXIST	EXISTING
(E)	EXISTING
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
G, GND	GROUND
ISP	INTERNET SERVICE PROVIDER
LCC	LIGHTING CONTROL CENTER
LCP	LIGHTING CONTROL PANEL OR PACKS
LTG	LIGHTING
LV	LOW VOLTAGE
MCB	MAIN BREAKER
MC	MECHANICAL CONTRACTOR
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MLO	MAIN LUG ONLY
MRS	MOTOR RATED SWITCH
(N)	NEW
OC	ON CENTER
PB	PUSH BUTTON
PNL	PANEL
PSE	PUGET SOUND ENERGY
(R)	REVISED EXISTING
REC	RECEPTACLE
REF	REFRIGERATOR
SER	SERVICE ENTRANCE RATED
SPD	SURGE PROTECTION DEVICE
SPECS	SPECIFICATIONS
SW	SWITCH
TB	TELECOM BACKBOARD
TEL	TELEPHONE
THRU	THROUGH
TTB	TELECOM TERMINATION BOARD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VP1	VIDEO PROJECTOR 1
VP2	VIDEO PROJECTOR 2
WP	WEATHERPROOF, NEMA 3R
XFMR	TRANSFORMER
XFER	TRANSFER

GENERAL REQUIREMENTS

1. PROVIDE COMPLETE WORK FOR REQUIREMENTS AS DESCRIBED ON LEGEND. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF DEVICES LOCATED IN OR ABOVE CASEWORK.
2. INSTALLATION SHALL COMPLY WITH APPLICABLE CODES, INCLUDING, BUT NOT LIMITED TO THE FOLLOWING: 2020 NATIONAL ELECTRICAL CODE (NEC), WASHINGTON STATE ADMINISTRATIVE CODE (WAC), AND 2018 WASHINGTON STATE ENERGY CODE.
3. PROVIDE TEMPORARY POWER FOR CONSTRUCTION. TEMPORARY POWER MAY BE IN THE FORM OF PORTABLE GENERATOR SET; CONNECTION TO UTILITIES COMPANY'S POWER POLE OR EXISTING FACILITY'S ELECTRICAL SYSTEM. OBTAIN ALL REQUIRED PERMITS ASSOCIATED WITH TEMPORARY POWER.
4. ALL FLUSH MOUNT EQUIPMENT, CABINETS, AND PANELBOARDS SHALL HAVE FACTORY TYPE FLUSH MOUNT TRIM KIT FOR COMPLETE INSTALLATION.
5. PROVIDE ALL MATERIAL AND LABOR RELATED TO THE INSTALLATION OF ELECTRICAL DEVICES PENETRATING INTO OR THROUGH FIRE RATED WALLS, FLOORS, OR CEILINGS SUCH THAT THE FIRE RATING OF THE WALL IS MAINTAINED. REFER TO ARCHITECTURAL FOR FIRE WALL LOCATIONS.
6. PROVIDE 1-HOUR FIRE RATED ENCLOSURE FOR RECESSED LIGHT FIXTURES IN FIRE RATED CEILING, (SEE ARCHITECTURAL PLAN FOR FIRE RATED CEILING). FIRE RATED ENCLOSURES FOR LED FIXTURES SHALL HAVE MINIMUM SIDE CLEARANCES OF 1" AND TOP CLEARANCES OF 5/8". FIRE RATED ENCLOSURES FOR RECESSED FIXTURES SHALL HAVE ALL AROUND MINIMUM CLEARANCES OF 3".
7. DO NOT INSTALL FLUSH WALL OUTLETS BACK TO BACK. A MINIMUM OF 24" SEPARATION IS REQUIRED BETWEEN ANY OUTLET INSTALLED ON FIRE RATED WALL.
8. DO NOT TAKE MEASUREMENTS FROM PLANS FOR DEVICE LOCATIONS. FIELD VERIFY EXACT DEVICE, EQUIPMENT LOCATIONS, AND MOUNTING HEIGHTS WITH OWNER'S REPRESENTATIVE FOR PROPER INSTALLATION.
9. RACEWAYS, WIRE SIZES AND CIRCUITS AS SHOWN REPRESENT INTENT OF INSTALLATION, BUT MAY NOT NECESSARILY REPRESENT THE COMPLETE WIRING COUNTS AND MINIMUM SIZES FOR CONNECTING THE CIRCUITS SHOWN. CONTRACTOR SHALL INCLUDE IN THE BID, ALL REQUIRED RACEWAY SIZES AND NUMBER OF CONDUCTORS IN ORDER TO PROVIDE ALL CIRCUITS SHOWN.
10. COMBINING HOME-RUNS IS ALLOWABLE AS LONG AS CONDUCTORS ARE DE-RATED PER NEC TABLE 310.15(C)(1) WHEN THERE ARE MORE THAN THREE CURRENT CARRYING CONDUCTORS. RACEWAY AND BOXES TO BE FILLED TO 40% MAXIMUM.
11. PROVIDE DEDICATED NEUTRALS AND EQUIPMENT GROUNDING CONDUCTORS FOR EACH CIRCUIT.
12. PROVIDE SEPARATE NEUTRALS FOR GFCI OUTLETS, AND DIMMER CIRCUITRY.
13. REFER TO EQUIPMENT SCHEDULES FOR WIRING REQUIREMENTS NOT INDICATED ON PLANS.
14. PROVIDE ALL WIRING TO PANELS AND POWER DISTRIBUTION EQUIPMENT IN ACCORDANCE WITH ONE-LINE POWER DIAGRAM.
15. INCLUDE COST OF PROVIDING ALL ELECTRICAL CONNECTIONS AS REQUIRED FOR FULL OPERATION OF ALL OWNER FURNISHED, CONTRACTOR INSTALLED EQUIPMENT. SEE ARCHITECTURAL DRAWINGS TO VERIFY LOCATIONS.
16. VERIFY ALL LIGHT FIXTURE TYPES, VOLTAGE, AND MOUNTING METHODS TO SUIT BUILDING STRUCTURE, CEILING SYSTEM, TRUSS, JOISTS, AND SUPPORTING SURFACES. ALL FIXTURE MOUNTING HEIGHTS SHALL BE APPROVED OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE. VERIFY CORRECT CATALOG NUMBERS PRIOR TO ORDERING OF FIXTURES. REFER TO CONTRACT DRAWINGS FOR LOCATIONS OF EMERGENCY FIXTURES. ALL SUBSTITUTE LIGHT FIXTURES MUST BE SUBMITTED FOR APPROVAL PRIOR TO BID. APPROVED SUBSTITUTES WILL BE IDENTIFIED IN AN ADDENDUM. PROVIDE ONLY THE APPROVED SUBSTITUTE FIXTURES OR THE FIXTURES AS SPECIFIED. LIGHT FIXTURES WITHOUT PRIOR APPROVALS WILL NOT BE ALLOWED FOR SUBSTITUTION AFTER BIDS.
17. WIRING SYSTEMS SHALL BE CONCEALED WHERE POSSIBLE, EXCEPT IN ELECTRICAL ROOM, MECHANICAL ROOM, AND UTILITY AREAS, OR AS OTHERWISE NOTED.
18. PROVIDE SURFACE METAL RACEWAY AS WIRING METHOD WHERE OUTLETS AND WIRING CANNOT BE CONCEALED.
19. EXTERIOR MOUNTED ELECTRICAL DEVICES, INCLUDING, BUT NOT LIMITED TO, DISCONNECT SWITCH, STARTER, SPEAKER, FIRE ALARM HORN AND COVERS SHALL BE NEMA-3R WEATHERPROOF RATED, UNLESS NOTED OTHERWISE.
20. AT EXTERIOR WALLS PROVIDE WEATHERPROOF J-BOXES, GASKETS AND SEAL J-BOXES AND PENETRATIONS. DEVICES EXPOSED TO WEATHER SHALL BE WEATHERPROOF AND RECEPTACLES SHALL BE GFCI PROTECTED.
21. ELECTRICAL CONTRACTOR SHALL PROVIDE ELECTRICAL EQUIPMENT AND ELECTRICAL CONNECTIONS FOR MECHANICAL EQUIPMENT. COORDINATE LOCATIONS AND CONNECTIONS WITH MECHANICAL CONTRACTOR.
22. PROVIDE CONDUIT AND WIRE FROM ALL HVAC UNITS 2000 CFM AND OVER TO FIRE ALARM PANEL FOR HVAC UNIT CONTROL. CONDUIT AND WIRE MAY NOT BE INDICATED IN ELECTRICAL DRAWINGS.
23. COORDINATE LIGHT FIXTURE INSTALLATIONS IN/ON CEILINGS WITH OTHER TRADES.
24. COORDINATE DEVICE INSTALLATIONS WITH ARCHITECTURAL WALLS, CASEWORK, AND PROVIDE EQUIPMENT AND APPURTENANCES AS REQUIRED TO ACCOMMODATE COMPLETE INSTALLATION.
25. VERIFY WITH CABINET INSTALLER FOR ALL CABINET LOCATIONS, DIMENSIONS, AND COUNTER HEIGHTS PRIOR TO OUTLET ROUGH-IN. OUTLETS LOCATED ABOVE COUNTER SHALL BE INSTALLED TO CENTERLINE ABOVE COUNTERTOP BACKSPLASH, PER ARCHITECTURAL DETAILS AND REQUIREMENTS. VERIFY HEIGHT WITH OWNER'S REPRESENTATIVE OF ANY LOCATION THAT CANNOT ACCOMMODATE MOUNTING HEIGHT. INSTALL HORIZONTALLY WHERE LIMITED SPACE REQUIRES HORIZONTAL MOUNTING.
26. LABEL ALL EQUIPMENT, RECEPTACLES/COVERPLATES, J-BOXES, RACEWAY AND WITH SERVING PANEL NAME AND CIRCUIT NUMBER(S).
27. INSTALLATION OF UNDERGROUND WIRING SYSTEMS SHALL INCLUDE EXCAVATION, CUTTING, PATCHING, BACKFILL, AND COMPACTION. DO NOT CUT OR DAMAGE ANY EXISTING UTILITIES, STRUCTURAL MEMBERS, OR BUILDING FOUNDATIONS. VERIFY EXISTING CONDITIONS PRIOR TO EXCAVATION WORK. INCLUDE COST FOR UNDERGROUND LOCATOR SERVICE TO IDENTIFY LOCATIONS OF EXISTING COMPONENTS. HAND EXCAVATE IN LOCATIONS WHERE EXISTING UNDERGROUND COMPONENTS ARE SUBJECT TO DAMAGE. REPAIR DAMAGE TO EXISTING UTILITIES OR BUILDING STRUCTURE TO OWNER'S SATISFACTION AT THE CONTRACTORS EXPENSE.
28. ONE-LINE DIAGRAMS AND RACEWAY ROUTING ARE SCHEMATIC AND DO NOT SHOW EXACT PHYSICAL ARRANGEMENT OF EQUIPMENT. WHERE INDICATED ON DRAWINGS, JUNCTION BOXES AND PULLBOXES ARE MINIMUM REQUIREMENTS. PROVIDE FITTINGS AND PULLBOXES OF ADEQUATE SIZE IN RACEWAY SYSTEMS WHEREVER NECESSARY OR REQUIRED BY THE NEC OR LOCAL CODES. PROVIDE EXPANSION JOINT FITTINGS FOR RACEWAY PASSING THROUGH NEW OR EXISTING EXPANSION JOINTS INSTALLED BETWEEN BUILDINGS. VERIFY EXACT LOCATIONS AND DETAILS OF EXPANSION JOINTS PRIOR TO WORK. COORDINATE ALL RACEWAY ROUTING, PULLBOXES, AND EQUIPMENT LOCATIONS WITH OTHER TRADES TO AVOID CONFLICTS OF EQUIPMENT INSTALLATIONS.
29. PROVIDE PULL-WIRES IN ALL EMPTY CONDUITS.
30. PRIOR TO PREPARATION OF BID, VISIT JOBSITE AND EXAMINE EXISTING CONDITIONS.
31. PROVIDE DUCT SMOKE DETECTOR(S) FOR EACH UNIT THAT HAS A CFM RATING AT OR GREATER THAN 2,000 CFM. ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTORS, MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTORS, AND ELECTRICAL CONTRACTOR SHALL PROVIDE ALL RACEWAY/WIRE AND MAKE CONNECTIONS FOR COMPLETE OPERATION. COORDINATE LOCATIONS AND REQUIREMENTS WITH MECHANICAL CONTRACTOR.
32. CONDUIT OR OTHER ELECTRICAL COMPONENTS SHALL NOT BE INSTALLED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR APPROVED BY STRUCTURAL ENGINEER. ALL CORE DRILLING FOR RACEWAY INSTALLATION, SHALL BE THE RESPONSIBILITY OF THE E.C.
33. IN OPEN EXPOSED AREAS, RACEWAY SHALL BE INSTALLED TO RUN ALONG JOISTS AT CEILING LINE LEVEL PARALLEL TO STRAIGHT BUILDING LINE. WHERE FURRED SPACES ARE CREATED, RACEWAY SHALL BE INSTALLED CONCEALED INSIDE THESE SPACES WHERE SUITABLE.
34. CONTRACTOR SHALL SUBMIT PANEL SCHEDULES WITH ALL LOADS IDENTIFIED AND CIRCUIT BREAKER TYPES AND SIZES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
35. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK RELATED TO PERMITS, PLAN REVIEW, NEW UTILITY SERVICE INCLUDING REMOVAL OF EXISTING SERVICE, AND INSPECTIONS.
36. ALL LIGHT SWITCHES SHALL BE LOCATED AND COORDINATED IN FIELD WITH ACTUAL FRAMING AND DOOR SWINGS TO ACHIEVE BEST LOCATION FOR OWNER'S USE. SWITCHES THAT CAN NOT BE LOCATED ON STRIKE SIDE OF DOOR BECAUSE OF STRUCTURAL MEMBERS SHALL BE AS DIRECTED IN FIELD.

CHC PUYALLUP CANNERY BLDG - ELECTRICAL DRAWING INDEX

SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE	SHEET NO.	SHEET TITLE
E0.00	ELECTRICAL GENERAL NOTE & ABBREVIATIONS	E2.01	LEVEL 1 - POWER & SYSTEMS PLAN	E5.01	LEVEL 1 - FIRE ALARM PLAN
ED0.01	ELECTRICAL DEMO TEMPORARY MECH. EQUIP. AND PANEL SCHEDULES	E2.02	LEVEL 2 - POWER & SYSTEMS PLAN	E5.02	LEVEL 2 - FIRE ALARM PLAN
		E3.01	LEVEL 1 - LIGHTING PLAN	E5.10	FIRE ALARM ONE-LINE DIAGRAM AND DETAILS
E0.01	ELECTRICAL SCHEDULES	E3.02	LEVEL 2 - LIGHTING PLAN	E6.00	ELECTRICAL ONE-LINE DIAGRAM
E1.00	ELECTRICAL SITE PLAN	E4.00	MECH EQUIP POWER CONNECTION SCHEDULES	E6.01	ELECTRICAL PANEL SCHEDULES
ED2.01	LEVEL 1 - ELECTRICAL DEMO FLOOR PLAN	E4.01	LEVEL 1 - MECH EQUIP POWER PLAN	E6.02	ELECTRICAL PANEL SCHEDULES
ED2.02	LEVEL 2 - ELECTRICAL DEMO FLOOR PLAN	E4.02	LEVEL 2 - MECH EQUIP POWER PLAN		
		E4.03	ROOF - MECH EQUIP POWER PLAN		

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ROGER W. KAAL
STATE OF WASHINGTON
19798
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REVISIONS

No.	Description	Date

SHEET TITLE

ELECTRICAL
GENERAL NOTE
&
ABBREVIATIONS

SHEET NO.

E0.00

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PRCTI20221698

DEMO GENERAL NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY POWER TO THE BUILDING FOR THE MECHANICAL EQUIPMENT DURING DEMO, REPLACEMENT OF SWITCHBOARD, REPLACEMENT OF PSE SERVICE POWER FEEDERS, AND SOME OF THE CONSTRUCTION ITEMS.
2. REFER TO TEMPORARY MECHANICAL EQUIPMENT SCHEDULE AND PANEL DEMO FOR ADDITIONAL INFORMATION.

ELECTRICAL TEMPORARY MECHANICAL EQUIPMENT CONNECTION SCHEDULE

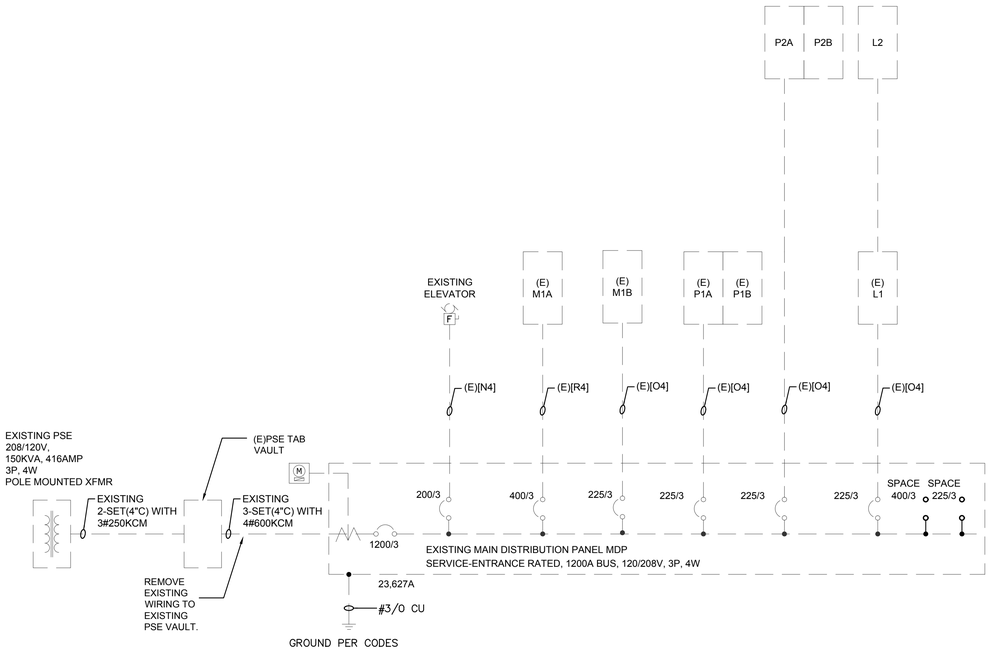
			LOAD				CONDUIT/WIRE	DISCONNECT		CONDUIT SIZE MIN.	
EQUIP.	V/P	HP/Watt/FLA	KVA	FLA	MOP	BKR	SIZE	SWITCH	WIRE	BRANCH	HOMERUN
ELECTRIC HEATER UNIT											
1ST FLR - EHU-1	208/3	10KW	10.00	28.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
1ST FLR - EHU-2	208/3	10KW	10.00	28.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
1ST FLR - EHU-3	208/3	7.5KW	7.50	21.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
1ST FLR - EHU-4	208/3	7.5KW	7.50	21.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
1ST FLR - EXISTING EHU-5	120/1	2KW	2.00	10.0		20/1		SEE PLAN	2#12, #12G	3/4"C	3/4"C
2ND FLR - EHU-6	208/3	10KW	10.00	28.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
2ND FLR - EHU-7	208/3	10KW	10.00	28.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
2ND FLR - EHU-8	208/3	7.5KW	7.50	21.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
2ND FLR - EHU-9	208/3	7.5KW	7.50	21.0		30/3		SEE PLAN	4#8, #10G	1"C	1"C
AIR COMPRESSOR	120/1	1/2HP	1.18	9.8		20/1		SEE PLAN	2#12, #12G	3/4"C	3/4"C
SUBTOTAL				206.0	AMP						
TOTAL			72.000	KVA		199.86		AMP			

PANEL DEMO — LOCATION TEMPORARY POWER — MOUNT SURFACE — 208/120 V, 3 P, 4 W — 250 A MAIN, 250 AIC 22K

NO	LOAD		TYPE	KVA	A/P			A/P	KVA	TYPE	LOAD		NO
1	EUH-1	10KW	M	10.000	30/3	A		30/3	10.00	M	EUH-2	10KW	2
3							B						4
5							C						6
7	EUH-3	7.5KW	M	7.500	30/3	A		30/3	7.50	M	EUH-4	7.5KW	8
9							B						10
11							C						12
13	EUH-7	10KW	M	10.000	30/3	A		30/3	10.00	M	EUH-6	10KW	14
15							B						16
17							C						18
19	EUH-9	7.5KW	M	7.500	30/3	A		30/3	7.50	M	EUH-8	7.5KW	20
21							B						22
23							C						24
25	EUH-5	2KW	M	2.000	20/1	A		20/1	1.18	M	SPRINKLER COMPRESSOR 1/2HP		26
27	FIRE ALARM PANEL		D	0.50	20/1		B	20/1			SPARE		28
29		SPACE					C				SPACE		30
31		SPACE				A					SPACE		32
33		SPACE					B				SPACE		34
35		SPACE					C				SPACE		36
37		SPACE				A					SPACE		38
39		SPACE					B				SPACE		40
41		SPACE					C				SPACE		42

LOAD TYPE	L	R	M	H	WH			D	A	K	LM	TOTAL	
CONN. LOAD			73.18					0.50			10.00	73.68 KVA	204.50 A
DEMAND LOAD			73.18					0.50			2.50	76.18 KVA	211.44 A

SERVICE ENTRANCE — X SURFACE — FEED THRU LUGS — GF=GROUND FAULT
INTEGRAL TVSS — FLUSH — DOUBLE LUGS



1 - ELECTRICAL ONE-LINE DIAGRAM - DEMO EXISTING (REFERENCE ONLY)
SCALE: NONE

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

ELECTRICAL DEMO TEMPORARY MECH. EQUIP. AND PANEL SCHEDULES

SHEET NO.

ED0.01

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PRCTI20221698

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER		LAMP	LUMEN OUTPUT	INPUT WATTS	MOUNTING	NOTES
		NAME	CATALOG NUMBER	COLOR				
C1	8" CYLINDER PENDANT DOWN LIGHT LED	SPECTRUM	C0812GV-55L-35K-DS10X-FS-TCY-SO-CDxx-PT	35K	5500	39	PENDANT	PROVIDE AIRCRAFT CABLE AS REQUIRED. COORDINATE LIGHT FIXTURE HEIGHT WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURE.
C2	16" CYLINDER PENDANT DOWN LIGHT LED	SPECTRUM	ALEX16LX-65L-35K-DS10X-FS-CDxx-AL16/MWI-DR16D-CNFR-PT	35K	6500	56.2	PENDANT	PROVIDE AIRCRAFT CABLE AS REQUIRED. COORDINATE LIGHT FIXTURE HEIGHT WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURE.
D1	6" ROUND DOWN LIGHT LED	SPECTRUM	SGRTE6XT-30L35K-WD-DS10-1-JBM / AR7466XT-MW	35K	3000	34.6	RECESS	COORDINATE LIGHT FIXTURE COLOR WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURES.
D1E	6" ROUND DOWN LIGHT LED EMERGENCY BATTERY BACKUP	SPECTRUM	SGRTE6XT-30L35K-WD-DS10-1-JBM-EM / AR7466XT-MW	35K	3000	34.6	RECESS	COORDINATE LIGHT FIXTURE COLOR WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURES. PROVIDE EMERGENCY BATTERY BACKUP.
D2	12" ROUND DOWN LIGHT LED EXTERIOR	SPECTRUM	SGE12LEDOS-30L-35K-DS10-VOLTAGE-BH27/ AR1223OS-MW-SO-WL	35K	2711	22.7	RECESS	COORDINATE LIGHT FIXTURE COLOR WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURES.
P1	4" x 4' PENDANT CEILING MOUNTED LED	FINELITE	HP-4-P-D-4'-S-V-835-WSO-BG-96LG-120-SC-FC-10%-FA50-C2-FE-SW	35K	3,708	37.2	PENDANT	PROVIDE DUAL AIRCRAFT CABLE AS REQUIRED. COORDINATE LIGHT FIXTURE HEIGHT WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURE.
P1E	4" x 4' PENDANT CEILING MOUNTED LED EMERGENCY BATTERY BACKUP	FINELITE	HP-4-P-D-4'-S-V-835-WSO-BG-96LG-120-SC -FC-10%-FA50-C2-FE-SW-BSL310LP-EM/GEN	35K	3,708	37.2	PENDANT	PROVIDE DUAL AIRCRAFT CABLE AS REQUIRED. COORDINATE LIGHT FIXTURE HEIGHT WITH ARCHITECT AND OWNER PRIOR TO ORDERING FIXTURE. PROVIDE EMERGENCY BATTERY BACKUP.
R1	1' x 4' RECESS CEILING MOUNTED LED	FOCAL POINT	FEQ2-14-AC-4000L-35K-1C-UNV-LD1-GX-WH	35K	4000	36	RECESS	
R1E	1' x 4' RECESS CEILING MOUNTED LED EMERGENCY BATTERY BACKUP	FOCAL POINT	FEQ2-14-AC-4000L-35K-1C-UNV-LD1-GX-EM-WH	35K	4000	36	RECESS	PROVIDE EMERGENCY BATTERY BACKUP.
S1	1' X 4' SURFACE MOUNT LED	COLUMBIA	ESL-4-35-LW-FA-W-U	35K	4,100	34.4	SURFACE	
SW	4" x 4' SURFACE MOUNTED LED EMERGENCY BATTERY BACKUP	FINELITE	HP-4-SM-D-4'-S-V-835-WSO-BG-96LG-120-SC -FC-10%-FA50-C2-FE-SW-BSL310LP-EM/GEN	35K	3,708	37.2	SURFACE/WALL	PROVIDE EMERGENCY BATTERY BACKUP.
T1	4" X 1' TASK LIGHT SURFACE MOUNT LED	BARTCO	BSS305-2-35K-DM-R-F-SW1-OC-ESS	35K	1,480	15.8	SURFACE	TASK LIGHTING INTRAGRAL ON/OFF SWITCH AND OCCUPANY SENSOR PER WASHINGTON STATE ENERGY CODE.
W	EXTERIOR WALLPACK SURFACE MOUNT TYPE 3 LED	BEACON	RWL1-48L-25-4K7-4W-UNV-PSS-SCP-8F-PC	4K	3,680	25	WALL	ALL WALL PACK LIGHT FIXTURES SHALL BE MOUNTED AT 10FT AFF MINUMUM. OR PER ARCHITECT ELEVATION PLAN.
WE	EXTERIOR WALLPACK EGRESS SURFACE MOUNT TYPE 3 LED	BEACON	RWL1-48L-25-4K7-4W-UNV-PSS-SCP-8F-PC-E	4K	3,680	25	WALL	ALL WALL PACK LIGHT FIXTURES SHALL BE MOUNTED AT 10FT AFF MINUMUM. OR PER ARCHITECT ELEVATION PLAN. PROVIDE INTEGRAL BACKBOX EMERGENCY BATTERY BACKUP.
V	WALL MOUNTED LED (VANITY)	BROWNLEE	5160-48-H32-35K	35K	3,668	32	SURFACE	PROVIDE 8FT FIXTURE FOR RESTROOM 124 & 125.
X	EXIT LIGHT LED GREEN EMERGENCY BATTERY BACKUP	BRUNO	BRU-SA-LG-U-M-BA	35K		2	UNIVERSAL	PROVIDE MOUNTING BRACKET, DOUBLE FACE, AND DIRECTIONAL ARROWS AS REQUIRED. REFER TO ARCHITECT FOR PATH OF EGRESS. PROVIDE BEMERGENCY BATTERY BACKUP

LIGHTING NOTES:

1) ALL DRIVERS SHALL BE HIGH POWER FACTOR, ELECTRONIC.
2) MANUFACTURE AND PART NUMBER ARE FOR BASIS OF DESIGN, LIGHTING LOAD CALCAULATIONS, AND POINT BY POINT. PROVIDE REQUEST FOR SUBSTITUTIONS OF EQUAL MANUFACTURE AND PART NUMBER WITH RED ARROWS MARKING EACH OPTION THAT MATCHES THE BASIS OF DESIGN PART NUMBER.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

CONSULTANT'S STAMP

ROGER W. KAAL
STATE OF WASHINGTON
19798
REGISTERED PROFESSIONAL ENGINEER
10/27/2022

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SHEET TITLE

ELECTRICAL SCHEDULES

SHEET NO.

E0.01

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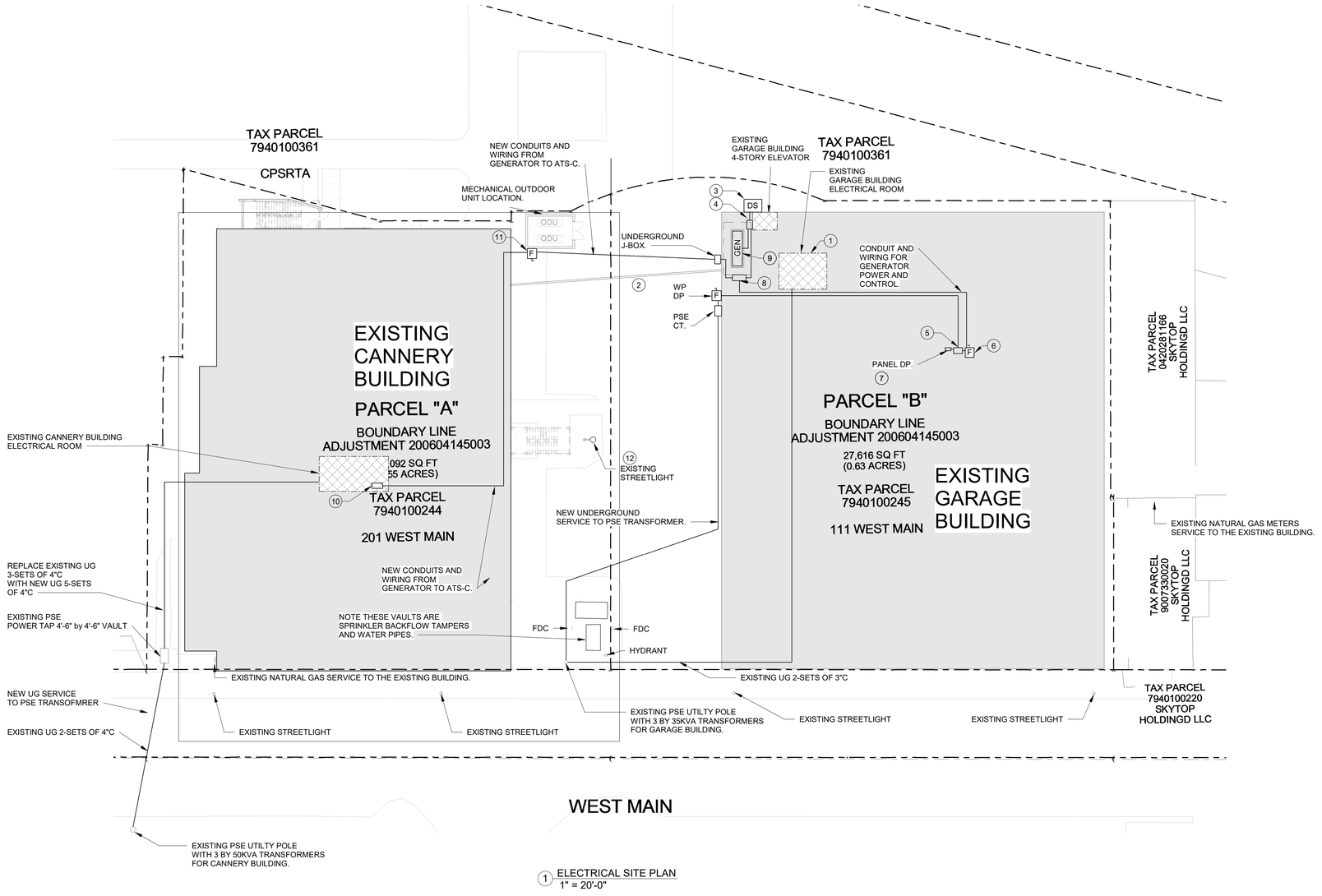
PRCTI20221698

GENERAL NOTES

1. REFER TO SHEET E6.0 ELECTRICAL ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
2. COORDINATE ALL POWER SHUTDOWN TO THE BUIDLING WITH GENERAL CONTRACTOR AND OWNER PRIOR TO TURNING POWER TO THE BUIDLING.
3. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.

PLAN NOTES

1. EXISTING PSE ELECTRICAL SERVICES TO HOUSE AND TENANT PANELS TO REMAIN.
2. PROVIDE (2)4"C BETWEEN BUILDING MDF ROOMS WITH PULL STRING. EXISTING TRENCH ACROSS THESE TWO BUILDING WAS NOT PATCHED ADQUATELY. PROVIDE TRENCH IN SAME LOCATION. PROVIDE TRENCHING, BACKFILL, MATCH GRADE, AND HANDHOLES AS REQUIRED. FAINAL FINISH BY G.C.
3. NEW NEMA-3R 600AMP 120/208V, 3ϕ, 4W OUTDOOR DOCKING STATION FOR CONNECTION TO TEMPORARY GENERATOR. LOCATE ON WALL 1ST LEVEL.
4. NEW NEMA-3R 600AMP 120/208V, 3ϕ, 4W MTS-G OUTDOOR MANUAL TRANSFER SWITCH WITH KIRK-KEY AND START-STOP FOR CONNECTION TO TEMPORARY GENERATOR.
5. NEW 150AMP 4-POLE ATS-G FOR GARAGE BUILDING LOCATED IN FIRST FLOOR STORAGE AREA.
6. NEW 150AMP FUSED-DISCONNECT SWITCH "BG" FOR GARAGE BUILDING LOCATED IN FIRST FLOOR STORAGE AREA.
7. NEW 400AMP 120/208V, 3ϕ, 4W PANEL "DP" FOR GARAGE BUILDING LOCATED IN FIRST FLOOR STORAGE AREA.
8. NEW NEMA-3R 600AMP 120/208V, 3ϕ, 4W BUSS AND FUSED DISCONNECTS FOR GARAGE BUILDING LOCATED ON ROOF.
9. NEW 150KW, 208/120V, 3ϕ, 4W OUTDOOR NATURAL GAS GENERATOR LOCATED ON ROOFLEVEL OF PARKING GARAGE.
10. NEW 600AMP, 120/208V, 3ϕ, 4W 4-POLE ATS-C FOR CANNERY BUILDING LOCATED IN FIRST FLOOR ELECTRICAL ROOM.
11. NEW 600AMP FUSED-DISCONNECT SWITCH "DG" FOR CANNERY BUILDING LOCATED ON FIRST FLOOR EXTERIOR MECHANICAL AREA.
12. EXISTING POLE LIGHT TO REMAIN. TRACE EXISITNG BRANCH CIRCUIT BACK TO SOURCE. IF THE EXISITNG IS SERVICED FROM GARAGE BUILDING PANEL H THEN MAINTAIN THE CIRCUIT. IF THE EXISITNG SERVICED BY CANNERY BUIDLING THEN REPLACE EXISTING BRANCH CIRCUIT. PROVIDE ALL REQUIRED TRENCHING, BACKFILL, RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.



1 ELECTRICAL SITE PLAN
1" = 20'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trespest.com

CONSULTANT'S STAMP

ROGER W. A. AAT
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

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ELECTRICAL SITE PLAN

SHEET NO.

E1.00

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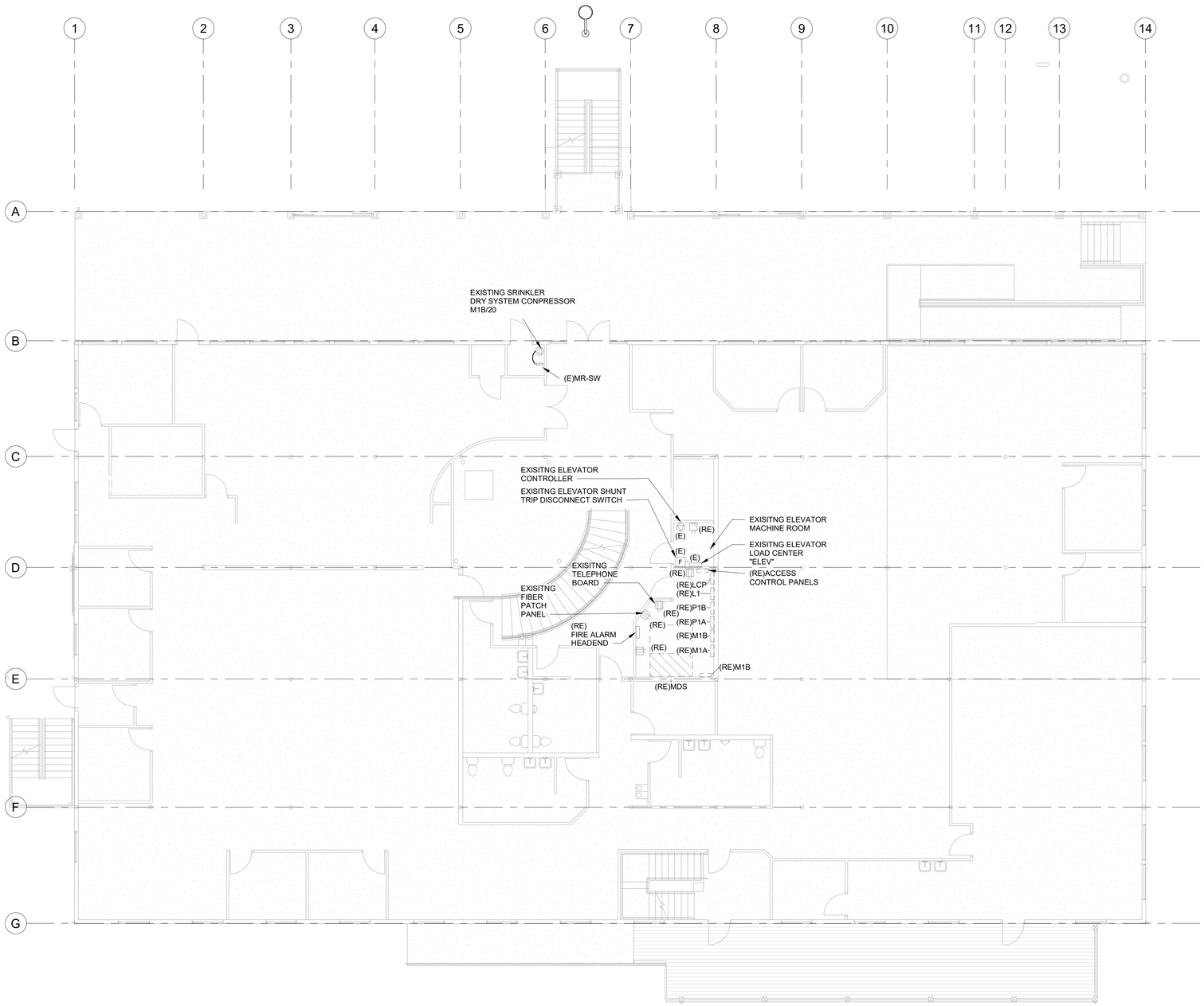

1 LEVEL 1 DEMO FLOOR PLAN
1/8" = 1'-0"

DEMOLITION NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY POWER TO THE BUILDING FOR THE MECHANICAL EQUIPMENT DURING DEMO. REPLACEMENT OF SWITCHBOARD, REPLACEMENT OF PSE SERVICE POWER FEEDERS, AND SOME OF THE CONSTRUCTION ITEMS.
2. REFER TO TEMPORARY MECHANICAL EQUIPMENT SCHEDULE AND PANEL DEMO FOR ADDITIONAL INFORMATION.
3. REMOVE ALL MC CABLING THROUGHOUT THE EXISTING BUILDING.
4. VERIFY ALL SHEAR WALLS THAT WILL REMAIN WITH DEMOLITION ON ARCHITECT DRAWINGS. DISCONNECT AND REMOVE ALL POWER AND DATA OUTLETS, MC CABLING, SMURF TUBING, WIRING, AND CABLING OUT OF THE SHEAR WALLS.
5. REPLACE EXISTING ELECTRICAL ROOM LIGHT FIXTURES WITH NEW LED LIGHT FIXTURE.
6. REMOVE ALL ELECTRICAL POWER EQUIPMENT, MECHANCIAL EQUIPMENT CONNECTIONS, AND DEVICES THROUGHOUT THE EXISTING BUILDING, UNLESS NOTED OTHERWISE. REMOVE EXISTING ELECTRICAL DEVICE, RECEPTACLES, LIGHTING, LIGHTING CONTROL, CONDUIT, WIRING, CABLING, BACK TO SOURCE.
7. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (E) ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
8. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (RE) ARE REMOVE OR RELOCATED EXISTING, UNLESS NOTED OTHERWISE.
9. DEMO ALL EXISTING EXTERIOR 120V LIGHTING. REWIRE SOURCE CIRCUITS TO NEW PANEL LIGHTING POWER AND CONTROLS. PROVIDE CONDUIT, WIRING, AND CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. TRACE EXTERIOR LIGHTING POWER CIRCUITS BACK TO SOURCE. PROVIDE LABEL AND RETYPE PANEL SCHEDULES..
10. DEMO ALL EXISTING LIGHTING CONTROL DEVICES AND PANELS UNLESS NOTED OTHERWISE.
11. REMOVE ALL EXISTING FLOOR DATA/PHONE CABLING AND CONNECTIONS BACK TO SOURCE FOR ALL EXISTING AREA UNLESS OTHER WISE NOTED. DATA/PHONE SHALL BE REPLACED WITH NEW. EXCEPT FOR SALVAGING TWO EXISITNG 2-PORT DATA RACKS IN THE EXISTING MDF ROOM THESE WILL BE REUSED IN THE DATA /PHONE DESIGN.
12. REMOVE ALL EXISTING FIRE ALARM SYSTEM, COORDINATEALL WORK WITH THE PUYALLUP FIRE DEPARTMENT AND UL LISTED FIRE ALARM COMPANY SERVICING BY GAURIAN SECURITY THE EXISTING BUILDING.
13. EXISTING ACCESS CONTROL SYSTEM TO REMAIN 1ST FLOOR UNLESS OTHER WISE NOTED.
14. SALVAGE ALL EXISTING COMPLIANT ACCESS CONTROL EQUIPMENT ON 2ND FLOOR CLEAN AND BAG TO BE REUSED.
15. SALVAGE EXISTING COMPLIANT ACCESS CONTROL DEVICES CLEAN AND BAG TO BE REUSED.
16. REMOVE EXISTING SECURITY SYSTEM AND DEVICES UNLESS OTHER WISE NOTED.

GENERAL NOTES

1. SCOPE OF WORK AREA IS THE ENTIRE BUILDING AND SITE UNLESS NOTED OTHERWISE.
2. BUILDING-A: REPLACE EXISTING MAIN SWITCHBOARD AND DISTRIBUTION, PANELS. PROVIDE INTEGRAL TVSS AT SWITCHBOARD AND FOR ALL ELECTRICAL PANELS.
3. PROVIDE ELECTRICAL DEMOLITION WORK TO ACCOMMODATE NEW ELECTRICAL WORK.
4. RECEPTACLES: PROVIDE ALL HOSPITAL GRADE TYPE, IN EXAM ROOMS AND WAITING ROOM AREA, PROVIDE TAMPER RESISTANT TYPE.
5. FEEDER: ALL WIRING IN CONDUITS, FEEDER WIRING WITH DEDICATED GROUND WIRE.
6. BRANCH CIRCUIT: ALL WIRING IN CONDUITS, BRANCH WIRING WITH DEDICATED GROUND WIRE.
7. ROOM CONTROLLER: PROVIDED TO CONTROL CONTROLLED-RECEPTACLES AND LIGHTS FOR OFFICES.
8. PROVIDE POWER CONNECTION TO MECHANICAL EQUIPMENT.
9. PROVIDE POWER AND CONTROL CONNECTION TO MEDICAL AND DENTAL EQUIPMENT.
10. PROVIDE COMPLETE TELECOMM INFRASTRUCTURE INCLDING OUTLETS, CABLING AND RACEWAYS FOR TELECOMM SYSTEMS.
11. PROVIDE NEW SECURITY ALARM FOR BUILDING PERIMETER PROTECTION. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
12. PROVIDE NEW SECURITY CAMERAS FOR BUILDING PERIMETER PROTECTION. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
13. PROVIDE NEW CARD ACCESS SYSTEM FOR SECURE BUILDING ENTRY AND TENANT AREA ENTRY. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
14. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
15. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
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Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trswest.com

CONSULTANT'S STAMP

ROGER W. A. AY
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
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DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

LEVEL 1 ELECTRICAL DEMO FLOOR PLAN

SHEET NO.

ED2.01

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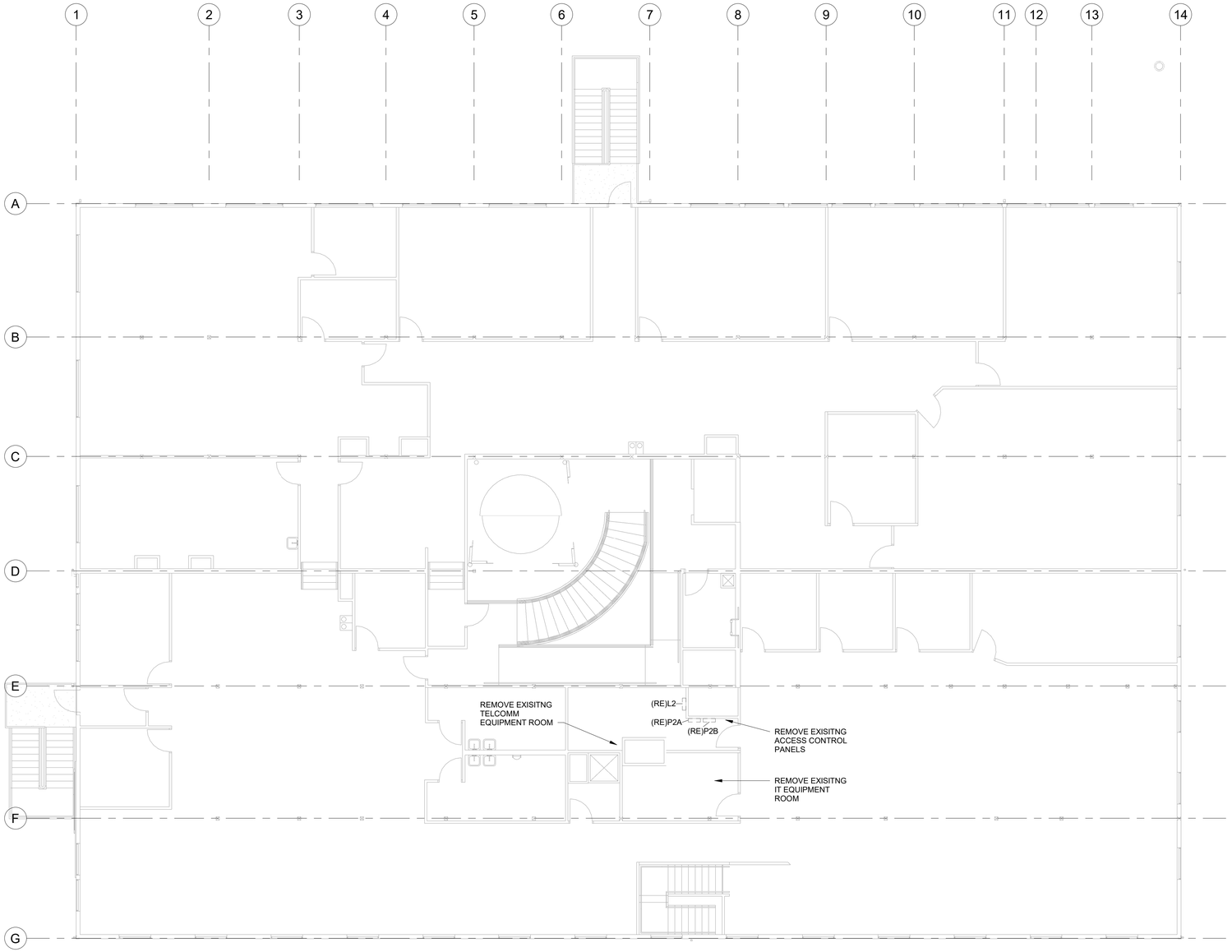
Project Number

PRCTI20221698



1 LEVEL 2 DEMO FLOOR PLAN
1/8" = 1'-0"

DEMOLITION NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY POWER TO THE BUILDING FOR THE MECHANICAL EQUIPMENT DURING DEMO, REPLACEMENT OF SWITCHBOARD, REPLACEMENT OF PSE SERVICE POWER FEEDERS, AND SOME OF THE CONSTRUCTION ITEMS.
2. REFER TO TEMPORARY MECHANICAL EQUIPMENT SCHEDULE AND PANEL DEMO FOR ADDITIONAL INFORMATION.
3. REMOVE ALL MC CABLING THROUGHOUT THE EXISTING BUILDING.
4. VERIFY ALL SHEAR WALLS THAT WILL REMAIN WITH DEMOLITION ON ARCHITECT DRAWINGS. DISCONNECT AND REMOVE ALL POWER AND DATA OUTLETS, MC CABLING, SMURF TUBING, WIRING, AND CABLING OUT OF THE SHEAR WALLS.
5. REPLACE EXISTING ELECTRICAL ROOM LIGHT FIXTURES WITH NEW LED LIGHT FIXTURE.
6. REMOVE ALL ELECTRICAL POWER EQUIPMENT, MECHANCIAL EQUIPMENT CONNECTIONS, AND DEVICES THROUGHOUT THE EXISTING BUILDING, UNLESS NOTED OTHERWISE. REMOVE EXISTING ELECTRICAL DEVICE, RECEPTACLES, LIGHTING, LIGHTING CONTROL, CONDUIT, WIRING, CABLING, BACK TO SOURCE.
7. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (E) ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
8. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (RE) ARE REMOVE OR RELOCATED EXISTING, UNLESS NOTED OTHERWISE.
9. DEMO ALL EXISTING EXTERIOR 120V LIGHTING. REWIRE SOURCE CIRCUITS TO NEW PANEL LIGHTING POWER AND CONTROLS. PROVIDE CONDUIT, WIRING, AND CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. TRACE EXTERIOR LIGHTING POWER CIRCUITS BACK TO SOURCE. PROVIDE LABEL AND RETYPE PANEL SCHEDULES..
10. DEMO ALL EXISTING LIGHTING CONTROL DEVICES AND PANELS UNLESS NOTED OTHERWISE.
11. REMOVE ALL EXISTING FLOOR DATA/PHONE CABLING AND CONNECTIONS BACK TO SOURCE FOR ALL EXISTING AREA UNLESS OTHER WISE NOTED. DATA/PHONE SHALL BE REPLACED WITH NEW. EXCEPT FOR SALVAGING TWO EXISITNG 2-PORT DATA RACKS IN THE EXISTING MDF ROOM THESE WILL BE REUSED IN THE DATA /PHONE DESIGN.
12. REMOVE ALL EXISTING FIRE ALARM SYSTEM. COORDINATEALL WORK WITH THE PUYALLUP FIRE DEPARTMENT AND UL LISTED FIRE ALARM COMPANY SERVICING BY GAURIAN SECURITY THE EXISTING BUILDING.
13. EXISTING ACCESS CONTROL SYSTEM TO REMAIN 1ST FLOOR UNLESS OTHER WISE NOTED.
14. SALVAGE ALL EXISTING COMPLIANT ACCESS CONTROL EQUIPMENT ON 2ND FLOOR CLEAN AND BAG TO BE REUSED.
15. SALVAGE EXISTING COMPLIANT ACCESS CONTROL DEVICES CLEAN AND BAG TO BE REUSED.
16. REMOVE EXISTING SECURITY SYSTEM AND DEVICES UNLESS OTHER WISE NOTED.

GENERAL NOTES

1. SCOPE OF WORK AREA IS THE ENTIRE BUILDING AND SITE UNLESS NOTED OTHERWISE.
2. BUILDING-A: REPLACE EXISTING MAIN SWITCHBOARD AND DISTRIBUTION, PANELS. PROVIDE INTEGRAL TVSS AT SWITCHBOARD AND FOR ALL ELECTRICAL PANELS.
3. PROVIDE ELECTRICAL DEMOLITION WORK TO ACCOMMODATE NEW ELECTRICAL WORK.
4. RECEPTACLES: PROVIDE ALL HOSPITAL GRADE TYPE, IN EXAM ROOMS AND WAITING ROOM AREA, PROVIDE TAMPER RESISTANT TYPE.
5. FEEDER: ALL WIRING IN CONDUITS, FEEDER WIRING WITH DEDICATED GROUND WIRE.
6. BRANCH CIRCUIT: ALL WIRING IN CONDUITS, BRANCH WIRING WITH DEDICATED GROUND WIRE.
7. ROOM CONTROLLER: PROVIDED TO CONTROL CONTROLLED-RECEPTACLES AND LIGHTS FOR OFFICES.
8. PROVIDE POWER CONNECTION TO MECHANICAL EQUIPMENT.
9. PROVIDE POWER AND CONTROL CONNECTION TO MEDICAL AND DENTAL EQUIPMENT.
10. PROVIDE COMPLETE TELECOMM INFRASTRUCTURE INCLDING OUTLETS, CABLING AND RACEWAYS FOR TELECOMM SYSTEMS.
11. PROVIDE NEW SECURITY ALARM FOR BUILDING PERIMETER PROTECTION. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
12. PROVIDE NEW SECURITY CAMERAS FOR BUILDING PERIMETER PROTECTION. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
13. PROVIDE NEW CARD ACCESS SYSTEM FOR SECURE BUILDING ENTRY AND TENANT AREA ENTRY. PROVIDE COMPLETE RACEWAY SYSTEM AND ALL WIRING.
14. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
15. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

CONSULTANT'S STAMP

ROGER W. A. AY
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

BUILDING DEPARTMENT'S STAMP

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Fire	Traffic

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DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

LEVEL 2 ELECTRICAL DEMO FLOOR PLAN

SHEET NO.

ED2.02

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Project Number

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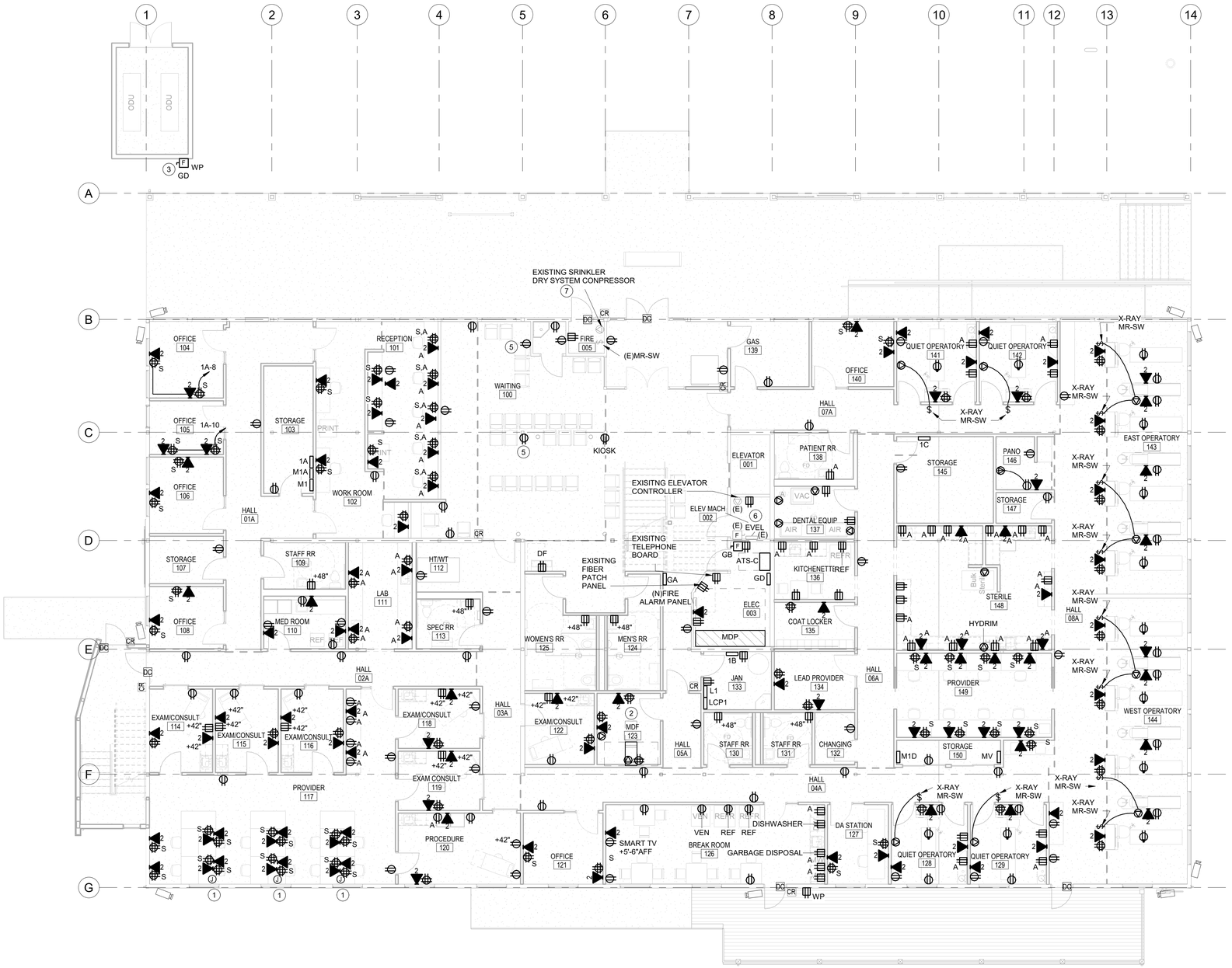

1 LEVEL 1 - POWER & SYSTEMS
1/8" = 1'-0"

DEMOLITION NOTES

1. ELECTRICAL CONTRACTOR TO PROVIDE TEMPORARY POWER TO THE BUILDING FOR THE MECHANICAL EQUIPMENT DURING DEMO, REPLACEMENT OF SWITCHBOARD, REPLACEMENT OF PSE SERVICE POWER FEEDERS, AND SOME OF THE CONSTRUCTION ITEMS.
2. REFER TO TEMPORARY MECHANICAL EQUIPMENT SCHEDULE AND PANEL DEMO FOR ADDITIONAL INFORMATION.
3. REMOVE ALL MC CABLING THROUGHOUT THE EXISTING BUILDING.
4. VERIFY ALL SHEAR WALLS THAT WILL REMAIN WITH DEMOLITION ON ARCHITECT DRAWINGS. DISCONNECT AND REMOVE ALL POWER AND DATA OUTLETS, MC CABLING, SMURF TUBING, WIRING, AND CABLING OUT OF THE SHEAR WALLS.
5. REPLACE EXISTING ELECTRICAL ROOM LIGHT FIXTURES WITH NEW LED LIGHT FIXTURE.
6. REMOVE ALL ELECTRICAL POWER EQUIPMENT, MECHANCIAL EQUIPMENT CONNECTIONS, AND DEVICES THROUGHOUT THE EXISTING BUILDING, UNLESS NOTED OTHERWISE. REMOVE EXISTING ELECTRICAL DEVICE, RECEPTACLES, LIGHTING, LIGHTING CONTROL, CONDUIT, WIRING, CABLING, BACK TO SOURCE.
7. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (E) ARE EXISTING TO REMAIN, UNLESS NOTED OTHERWISE.
8. ELECTRICAL POWER EQUIPMENT AND DEVICES SHOWN WITH A (RE) ARE REMOVE OR RELOCATED EXISTING, UNLESS NOTED OTHERWISE.
9. DEMO ALL EXISTING EXTERIOR 120V LIGHTING. REWIRE SOURCE CIRCUITS TO NEW PANEL LIGHTING POWER AND CONTROLS. PROVIDE CONDUIT, WIRING, AND CONNECTIONS AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. TRACE EXTERIOR LIGHTING POWER CIRCUITS BACK TO SOURCE. PROVIDE LABEL AND RETYPE PANEL SCHEDULES..
10. DEMO ALL EXISTING LIGHTING CONTROL DEVICES AND PANELS UNLESS NOTED OTHERWISE.
11. REMOVE ALL EXISTING FLOOR DATA/PHONE CABLING AND CONNECTIONS BACK TO SOURCE FOR ALL EXISTING AREA UNLESS OTHER WISE NOTED. DATA/PHONE SHALL BE REPLACED WITH NEW. EXCEPT FOR SALVAGING TWO EXISITNG 2-PORT DATA RACKS IN THE EXISTING MDF ROOM THESE WILL BE REUSED IN THE DATA /PHONE DESIGN.
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PLAN NOTES

1. COORDINATE ALL FURNITURE POWER AND DATA OUTLETS RACEWAYS WITH ARCHITECT. PROVIDE J-BOX ADJACENT TO FURNITURE WITH FLEX CONDUIT TO FURNITURE RACEWAY. PROVIDE WIRING AS REQUIRED PER FLOOR PLAN.
2. PROVIDE 2HR RATED PLYWOOD AROUND THE MDF AND IDF ROOMS TO INSTALL LOW VOLTAGE SYSTEM EQUIPMENT.
3. PROVIDE NEMA-3R FUSED DISCONNECT SWITCH "GD". MOUNT TO BACK SIDE OF THE MECHANICAL BARRIER WALL. REFER TO SHEET E1.00 ELECTRICAL SITE PLAN.
4. PROVIDE REMOTE GENERATOR ANNUNCIATOR. REFER TO SHEET E1.00 ELECTRICAL SITE PLAN.
5. PROVIDE DUPLEX RECEPTACLE WITH TWO USB PORTS IN THIS LOCATION.
6. RECONNECTION EXISITNG ELEVATOR LOAD CENTER "ELEV" WITH EXISTING TWO 20A/1P CIRCUIT BREAKERS TO NEW PANELBOARD.
7. RECONNECTION EXISITNG SPRINKLER DRY SYSTEM AIR COMPRESSOR TO NEW PANELBOARD.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trswest.com

CONSULTANT'S STAMP

ROGER W. A. AM
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

BUILDING DEPARTMENT'S STAMP

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SHEET TITLE

LEVEL 1- POWER & SYSTEMS PLAN

SHEET NO.

E2.01

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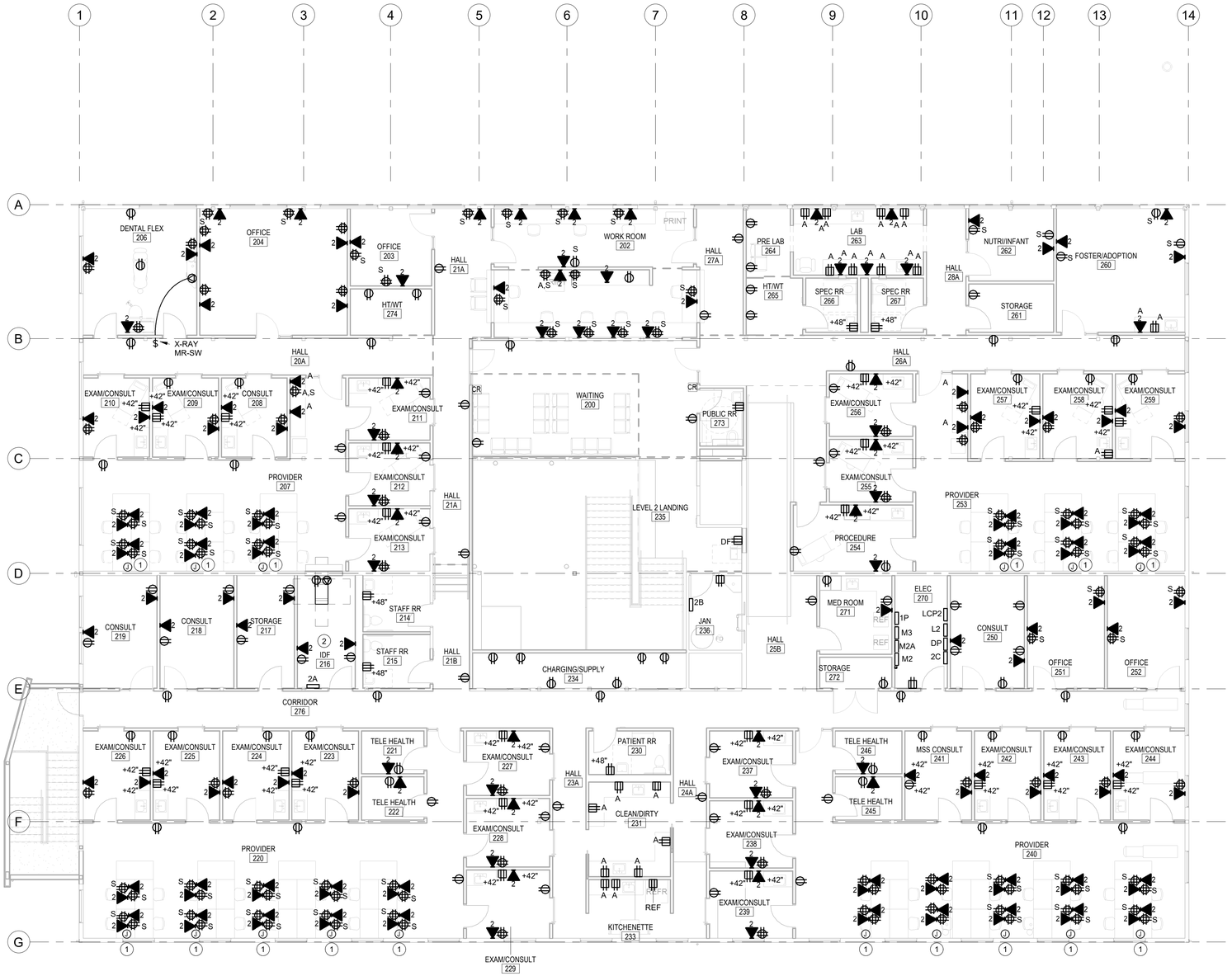
Project Number

PRCTI20221698



1 LEVEL 2 POWER & SYSTEMS PLAN
1/8" = 1'-0"

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PLAN NOTES

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2. PROVIDE 2HR RATED PLYWOOD AROUND THE MDF AND IDF ROOMS TO INSTALL LOW VOLTAGE SYSTEM EQUIPMENT.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.tneast.com

CONSULTANT'S STAMP

ROGER W. ALT
STATE OF WASHINGTON
19798
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

BUILDING DEPARTMENT'S STAMP

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No.	Description	Date

SHEET TITLE
LEVEL 2 - POWER & SYSTEMS PLAN

SHEET NO.
E2.02

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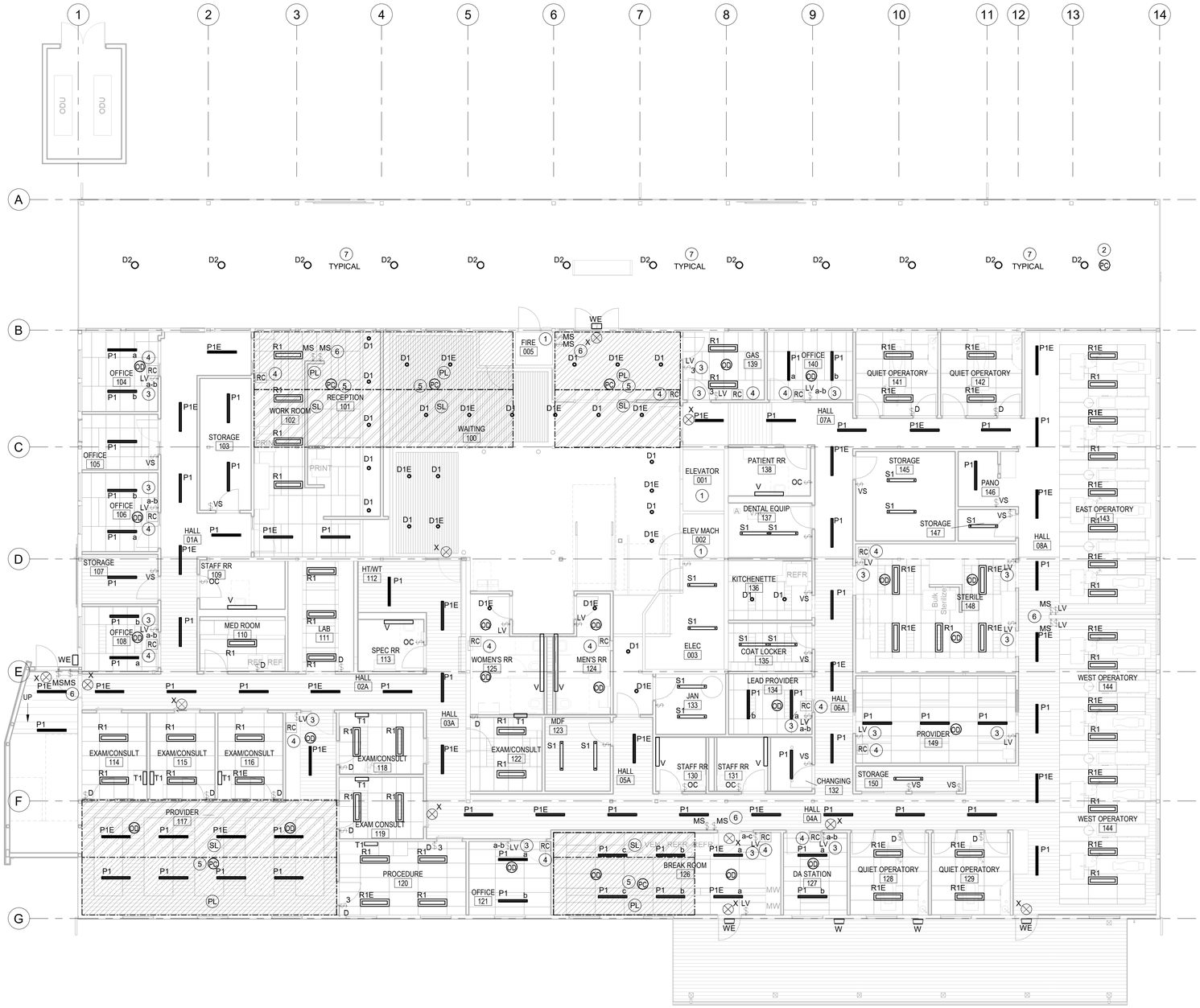
PRCTI20221698



1 LEVEL 1 - LIGHTING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. COORDINATE ALL DEVICE LOCATIONS WITH LOCATION SHOWN ON ARCHITECTURAL ELEVATIONS. WHERE CONFLICT OCCURS, ARCHITECTURAL ELEVATIONS TAKE PRECEDENCE.
2. ALL LIGHTING FIXTURE MOUNTING HEIGHT WILL BE AS DIRECTED BY ARCHITECT. PROVIDE ALL REQUIRED FACTORY LISTED MOUNTING FITTING AND ACCESSORIES FOR INSTALLATION.
3. CANNERY BUIDLING EXTERIOR LIGHTS: REPLACE EXISTING SOFFIT LIGHTS BY THE SOUND TRANSIT RIGHT THE WAY BUILDING AREA PER SOUND TRANSIT STANDARD TYPE.
4. PROVIDE ELECTRICAL DEMOLITION WORK TO ACCOMMODATE NEW ELECTRICAL WORK.
5. BRANCH CIRCUIT: ALL WIRING IN CONDUITS, BRANCH WIRING WITH DEDICATED GROUND WIRE.
6. ALL LIGHTING FIXTURES WILL BE LED TYPE.
7. ALL EGRESS EMERGENCY LIGHTS WILL BE EMERGENCY BATTERY TYPE. PROVIDE HOT LEG WIRE FOR ALL EXIT AND EMERGENCY LIGHT FIXTURES FOR CHANGING BATTERIES.
8. ROOM CONTROLLER: PROVIDE TO CONTROL CONTROLLED-RECEPTACLE AND LIGHTS FOR OFFICES AND MEETING ROOMS.
9. ALL SWITCHES SHALL BE DIMMING TYPE UNLESS OTHERWISE NOTED.
10. ALL LIGHTING SHALL HAVE OCCUPANCY CONTROL AND DAYLIGHTING AND TIME CONTROLS PER ENERGY CODES.
11. THE ENTIRE BUILDING WILL HAVE NEW LIGHTING CONTROLS THAT WILL MEET WASHINGTON STATE ENERGY CODE REQUIREMENTS, REFER TO EXAMPLE AREAS SHOWN.

LIGHTING CONTROL SECQUENCE OF OPERATIONS

1. ALL CORRIDORS, WAITING, AND LOBBY TO BE AUTOMATIC ON/AUTOMATIC OFF BY TIME CLOCK IN LCP OR POWER PACKS. VERIFY THE OPEN AND CLOSE OF OFFICE HOURS WITH OWNER PRIOR TO PROGRAMMING. DIM DOWN TO 50% WHEN UNOCCUPANY AND WHEN OCCUPANY FULL BRIGHT UTILIZING AN OCCUPANCY SENSORS. MASTER OVERIRDE SWITCH WILL TURN FOR 2-HOURS ON OFF HOURS.
2. ALL RESTROOMS TO BE AUTOMATIC ON/AUTOMATIC OFF UTILIZING AN OCCUPANCY SENSOR. MASTER OVERRIDE SWITCH ON/OFF.
3. ALL EXAM/CONSULT, OPERATOR, PROCEDURE, AND LAB ROOMS SHALL BE MANUAL ON AND OFF FOR SAFTEY RESEAONS.
4. ALL OTHER SPACES WILL REQUIRE VACANCY SENSORS TO BE PROGRAMMED MANUAL ON/AUTOMATIC OFF.
5. ELECTRICAL, IDF, AND JAN ROOMS SHALL BE PROVIDED WITH ONLY A WALL SWITCH.
6. PRIVATE OFFICES TO HAVE WALL-MOUNTED VACANCY OR CEILING-MOUNTED VACANCY SENSORS. CONTROL TO BE MANUAL ON/AUTOMATIC OFF.
7. ALL OFFICE AND THERE AREAS WITH CONTROLLED REPETACLE SHALL BE CONTROLLED BY OCCUPANY OR VACANCY SENSORS IN THE AREA. PROVIDE LIGHTING CONTROL DEVICE, CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
8. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED BY TIME CLOCK DUSK TO DAWN AND INTEGRAL PHOTOCELL IN THE FIXTURES.
9. ALL SPACES WITH (3) OR MORE FIXTURES WITH EXTERIOR FENESTRATION WILL REQUIRE DAYLIGHTING CONTROLS. PROVIDE FIXTURES WITH INTEGRAL DAYLIGHT SENSORS OR CEILING MOUNTED DAYLIGHT SENSORS. DAYLIGHT SENSORS SHALL AUTOMATICALLY DIM FIXTURES FROM PHOTOCELL READINGS.
10. PROVIDE PRIMARY AND SECONDARY DAY LIGHT ZONE AS REQUIRED ENERGY CODE.

(PL) PRIMARY DAY LIGHT ZONE

(SL) SECONDARY DAY LIGHT ZONE

PLAN NOTES

1. EXISTING LIGHTING AND LIGHTING CONTROL TO REMAIN.
2. PROVIDE LINE VOLTAGE WEATHER-PROOF PHOTOCELL SENSOR TO CONTROL ALL TYPE D2 LIGHT FIXTURE IN THE EXTERIOR WALKWAY.
3. PROVIDE LOW-VOLTAGE DIMMER SWITCHES. PROVIDE 6-BUTTON MULTI SWITCHES IF THE SWITCH ZONES ARE LARGER THAN 2-ZONES. PROVIDE CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
4. PROVIDE LIGHTING ROOM CONTROLLER TO CONTROL LIGHTING AND CONTROLLED RECEPTACLES. PROVIDE CONDUIT, WIRING, CABLING, CONNECTIONS, AND PROGRAMMING AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.
5. PROVIDE PHOTOCELL SENSOR FOR DAYLIGHTING PRIMARY & SECONDARY ZONE CONTROL ALL LIGHT FIXTURES IN THE OFFICE AND MEETING ROOMS.
6. PROVIDE LOW-VOLTAGE MASTER 2-HR OVERRIDE SWITCHES FOR AFTER WORK HOURS. PROVIDE LIGHTING PANEL OR ROOM CONTROLLERS, CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
7. REPLACE EXISTING EXTERIOR LIGHT FIXTURE NEW TYPE D2 IN SAME PLACE. PROVIDE CONDUIT, WIRING, CABLING, CONNECTIONS, AND PROGRAMMING AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.

CHC Puyallup - Cannery

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Puyallup, WA 98371

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CONSULTANT

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TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trewest.com

CONSULTANT'S STAMP

ROGER W. ALAM
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

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SHEET TITLE

LEVEL 1 - LIGHTING PLAN

SHEET NO.

E3.01

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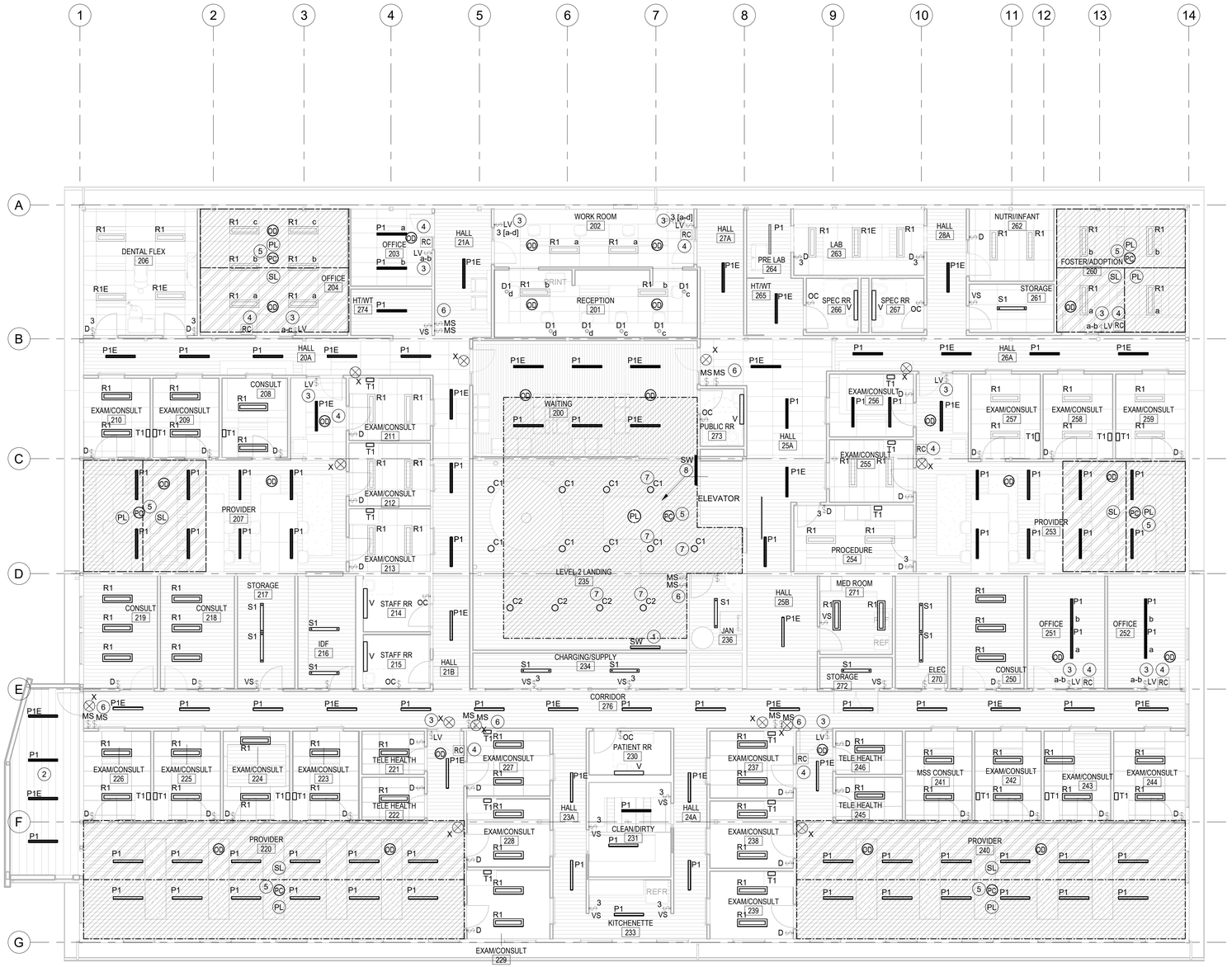
Project Number

PRCTI20221698



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LIGHTING CONTROL SECQUENCE OF OPERATIONS

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2. ALL RESTROOMS TO BE AUTOMATIC ON/AUTOMATIC OFF UTILIZING AN OCCUPANCY SENSOR. MASTER OVERRIDE SWITCH ON/OFF.
3. ALL EXAM/CONSULT, OPERATOR, PROCEDURE, AND LAB ROOMS SHALL BE MANUAL ON AND OFF FOR SAFTEY RESEAONS.
4. ALL OTHER SPACES WILL REQUIRE VACANCY SENSORS TO BE PROGRAMMED MANUAL ON/AUTOMATIC OFF.
5. ELECTRICAL, IDF, AND JAN ROOMS SHALL BE PROVIDED WITH ONLY A WALL SWITCH.
6. PRIVATE OFFICES TO HAVE WALL-MOUNTED VACANCY OR CEILING-MOUNTED VACANCY SENSORS. CONTROL TO BE MANUAL ON/AUTOMATIC OFF.
7. ALL OFFICE AND THERE AREAS WITH CONTROLLED RECPETACLE SHALL BE CONTROLLED BY OCCUPANY OR VACANCY SENSORS IN THE AREA. PROVIDE LIGHTING CONTROL DEVICE, CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
8. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED BY TIME CLOCK DUSK TO DAWN AND INTEGRAL PHOTOCELL IN THE FIXTURES.
9. ALL SPACES WITH (3) OR MORE FIXTURES WITH EXTERIOR FENESTRATION WILL REQUIRE DAYLIGHTING CONTROLS. PROVIDE FIXTURES WITH INTEGRAL DAYLIGHT SENSORS OR CEILING MOUNTED DAYLIGHT SENSORS. DAYLIGHT SENSORS SHALL AUTOMATICALLY DIM FIXTURES FROM PHOTOCELL READINGS.
10. PROVIDE PRIMARY AND SECONDARY DAY LIGHT ZONE AS REQUIRED ENERGY CODE.

(PL) PRIMARY DAY LIGHT ZONE

(SL) SECONDARY DAY LIGHT ZONE

PLAN NOTES

1. MOUNT STAIR EGRESS LIGHT FIXTURE 10 FEET ABOVE STAIR LANDING ON THE WALL.
2. PROVIDE STAIRWELL LIGHTING CONTROL FOR THESE LIGHT FIXTURES PER WASHINTON STATE ENERGY CODE.
3. PROVIDE LOW-VOLTAGE DIMMER SWITCHES. PROVIDE 6-BUTTON MULTI SWITCHES IF THE SWITCH ZONES ARE LARGER THAN 2-ZONES. PROVIDE CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
4. PROVIDE LIGHTING ROOM CONTROLLER TO CONTROL LIGHTING AND CONTROLLED RECEPTACLES. PROVIDE CONDUIT, WIRING, CABLING, CONNECTIONS, AND PROGRAMMING AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.
5. PROVIDE PHOTOCELL SENSOR FOR DAYLIGHTING PRIMARY & SECONDARY ZONE CONTROL ALL LIGHT FIXTURES IN THE OFFICE AND MEETING ROOMS.
6. PROVIDE LOW-VOLTAGE MASTER 2-HR OVERRIDE SWITCHES FOR AFTER WORK HOURS. PROVIDE LIGHTING PANEL OR ROOM CONTROLLERS, CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.
7. STAIRWELL AND ELEVATOR LANDING LIGHTING SHALL DIM DOWN 50% UNOCCUPANCY. OCCUPANCY SHALL BE FULL BRIGHT AND CONTROLLED BY PHOTOCELL PRIMARY ZONE.
8. WALL MOUNT ELEVATOR EGRESS LIGHT FIXTURE 10 FEET ABOVE ELEVATOR LANDING.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trewest.com

CONSULTANT'S STAMP

ROGER W. ALAM
STATE OF WASHINGTON
19729
REGISTERED PROFESSIONAL ENGINEER
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SHEET TITLE

LEVEL 2 - LIGHTING PLAN

SHEET NO.

E3.02

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Project Number

PRCTI20221698

MECH EQUIPMENT POWER CONNECTION SCHEDULE LEVEL 1

QUANTITY	EQUIPMENT ID	ITEM DESCRIPTION	VOLTAGE	PHASE	MECHANICAL DEMAND	APPARENT POWER	CONDUIT SIZE	CONDUCTOR SIZE	LOCAL DISCONNECT	FUSE SIZE	DISCONNECT BY	REMARKS
1	AC1-1A	DUCTLESS SPLIT SYSTEM INDOOR UNIT	208 V	1	1 A	208.00 VA	3/4" C	2#12, 1#12G	FUSED DISC	25 A	ELEC	POWERED FROM OUTDOOR UNIT
1	AC1-2A	DUCTLESS SPLIT SYSTEM INDOOR UNIT	208 V	1	1 A	208.00 VA	3/4" C	2#12, 1#12G	FUSED DISC	25 A	ELEC	POWERED FROM OUTDOOR UNIT
1	BC1-1	BRANCH CIRCUIT CONTROLLER	208 V	1	.304 KW	304.00 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	BC1-2	BRANCH CIRCUIT CONTROLLER	208 V	1	.304 KW	304.00 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	CP-1	PUMP	120 V	1	70 W	70.00 VA	3/4" C	2#12, 1#12G	BREAKER		ELEC	
1	DH1-1	DUCT HEATER	208 V	3	3 KW	3000.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-2	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-3	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-4	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-5	DUCT HEATER	208 V	3	3 KW	3000.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-6	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-7	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-8	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-9	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	DH1-10	DUCT HEATER	208 V	3	3.5 KW	3500.00 VA	3/4" C	3#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-1	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-2	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-3	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-4	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-5	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-6	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-7	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-8	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-9	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ERV1-10	ENERGY RECOVERY UNIT	208 V	1	5.2 A	1081.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-1	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-2	VRF INDOOR UNIT	208 V	1	2.88 A	599.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-3	VRF INDOOR UNIT	208 V	1	2.88 A	599.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-4	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-5	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-6	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-7	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-8	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-9	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-10	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-11	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-12	VRF INDOOR UNIT	208 V	1	0.29 A	60.32 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-13	VRF INDOOR UNIT	208 V	1	2.94 A	611.52 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-14	VRF INDOOR UNIT	208 V	1	7.7 A	1601.60 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-15	VRF INDOOR UNIT	208 V	1	0.29 A	60.32 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU1-16	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU1-17	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	ODU-1 MODULE 1	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-1 MODULE 2	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-3 MODULE 1	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-3 MODULE 2	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	WH-1	WATER HEATER	208 V	1	12300 W	12300.00 VA	3/4" C	2#2, 1#8G	FUSED DISC	75 A	ELEC	

MECH EQUIPMENT POWER CONNECTION SCHEDULE LEVEL 2

QUANTITY	EQUIPMENT ID	ITEM DESCRIPTION	VOLTAGE	PHASE	MECHANICAL DEMAND	APPARENT POWER	CONDUIT SIZE	CONDUCTOR SIZE	LOCAL DISCONNECT	FUSE SIZE	DISCONNECT BY	REMARKS
1	AC2-1A	DUCTLESS SPLIT SYSTEM INDOOR UNIT	208 V	1	1 A	208.00 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	POWERED FROM OUTDOOR UNIT
1	BC2-1	BRANCH CIRCUIT CONTROLLER	208 V	1	.304 KW	304.00 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	BC2-2	BRANCH CIRCUIT CONTROLLER	208 V	1	.304 KW	304.00 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	CP-2	PUMP	120 V	1	70 W	70.00 VA	3/4" C	2#12, 1#12G	BREAKER		ELEC	
1	FCU2-1	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-2	VRF INDOOR UNIT	208 V	1	4.25 A	844.00 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-3	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-4	VRF INDOOR UNIT	208 V	1	2.94 A	611.52 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-5	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU2-6	VRF INDOOR UNIT	208 V	1	4.18 A	869.44 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-7	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU2-8	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU2-9	VRF INDOOR UNIT	208 V	1	2.94 A	611.52 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-10	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU2-11	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	FCU2-12	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-13	VRF INDOOR UNIT	208 V	1	2.88 A	599.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-14	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-15	VRF INDOOR UNIT	208 V	1	4.38 A	911.04 VA	3/4" C	2#12, 1#12G	FUSED DISC	15 A	ELEC	
1	FCU2-16	VRF INDOOR UNIT	208 V	1	0.24 A	49.92 VA	3/4" C	2#12, 1#12G	MRS		ELEC	
1	WH-2	WATER HEATER	208 V	1	13500 W	13500.00 VA	1-1/4" C	2#2, #8G	FUSED DISC	80 A	ELEC	

MECH EQUIPMENT POWER CONNECTION SCHEDULE ROOF

QUANTITY	EQUIPMENT ID	ITEM DESCRIPTION	VOLTAGE	PHASE	MECHANICAL DEMAND	APPARENT POWER	CONDUIT SIZE	CONDUCTOR SIZE	LOCAL DISCONNECT	FUSE SIZE	DISCONNECT BY	REMARKS
1	AC1-1B	DUCTLESS SPLIT SYSTEM OUTDOOR UNIT	208 V	1	19 A	3952.00 VA	3/4" C	2#10, 1#10G	FUSED DISC	25 A	ELEC	
1	AC1-2B	DUCTLESS SPLIT SYSTEM OUTDOOR UNIT	208 V	1	11 A	2288.00 VA	3/4" C	2#10, 1#10G	FUSED DISC	25 A	ELEC	
1	AC2-1B	DUCTLESS SPLIT SYSTEM OUTDOOR UNIT	208 V	1	11 A	2288.00 VA	3/4" C	2#10, 1#10G	FUSED DISC	25 A	ELEC	
1	ERV2-1	ENERGY RECOVERY UNIT	208 V	3	159 .9 A	57538.42 VA	2" C	3#2, 1#6G	FUSED DISC	175 A	ELEC	
1	ERV2-2	ENERGY RECOVERY UNIT	208 V	3	55.8 A	20079.07 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ERV2-3	ENERGY RECOVERY UNIT	208 V	3	55.8 A	20079.07 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ERV2-4	ENERGY RECOVERY UNIT	208 V	3	55.8 A	20079.07 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-2 MODULE 1	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-2 MODULE 2	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-4 MODULE 1	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	
1	ODU-4 MODULE 2	VRF OUTDOOR UNIT	208 V	3	41 A	14753.44 VA	1" C	3#4, 1#10G	FUSED DISC	60 A	ELEC	

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trewest.com

CONSULTANT'S STAMP

ROGER W. A. AU
STATE OF WASHINGTON
19729
REGISTERED PROFESSIONAL ENGINEER
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SHEET TITLE

MECH EQUIP POWER CONNECTION SCHEDULES

SHEET NO.

E4.00

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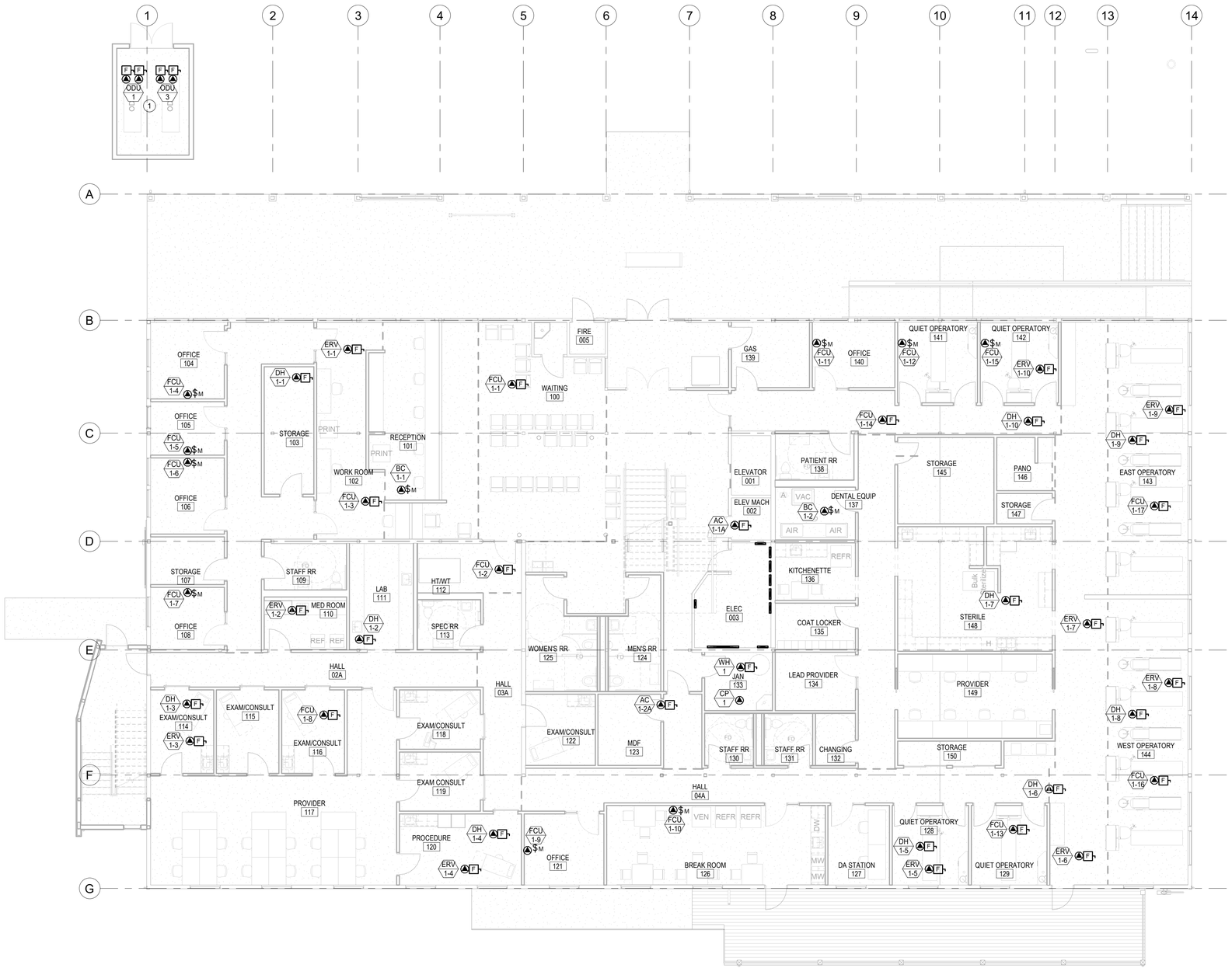

1 LEVEL 1 - MECH EQUIP POWER PLAN
1/8" = 1'-0"

GENERAL NOTES

1. SEE MECHANICAL PLANS FOR EQUIPMENT TYPE AND LOCATIONS.
2. PROVIDE MAINTENANCE RECEPTACLES LOCATED MAXIMUM OF 25' FROM MECHANICAL UNITS.
3. PROVIDE PULL BOXES IN FEEDER BOXES AS REQUIRED.
4. ALL EQUIPMENT CONNECTIONS AND DISCONNECTS ARE TO BE WEATHER-PROOF. PROVIDE WEATHER-PROOF GFI RECEPTACLE AT EACH EQUIPMENT LOCATION.
5. RACEWAYS AND CABLES ON ROOF TO BE INSTALLED ON SUPPORT SYSTEMS. BOTTOM OF RACEWAY AND ROOF TO BE MINIMUM 1" ALONG ENTIRE RUN.
6. ALL CONDUITS ON ROOF SHALL BE GALVANIZED RIGID STEEL.
7. FEEDER: ALL WIRING IN CONDUITS, FEEDER WIRING WITH DEDICATED GROUND WIRE.
8. PROVIDE ALL POWER CONNECTION TO MECHANICAL EQUIPMENT.
9. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
10. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.

PLAN NOTES

(1) PROVIDE NEMA-3R FUSED DISCONNECT SWITCHES MOUNTED TO MECHANICAL BARRIER WALL. REFER TO SHEET E1.00 ELECTRICAL SITE PLAN.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trieswest.com

CONSULTANT'S STAMP

ROGER W. A. AM
STATE OF WASHINGTON
19728
REGISTERED
PROFESSIONAL ENGINEER
10/25/2022

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LEVEL 1 - MECH EQUIP POWER PLAN

SHEET NO.

E4.01

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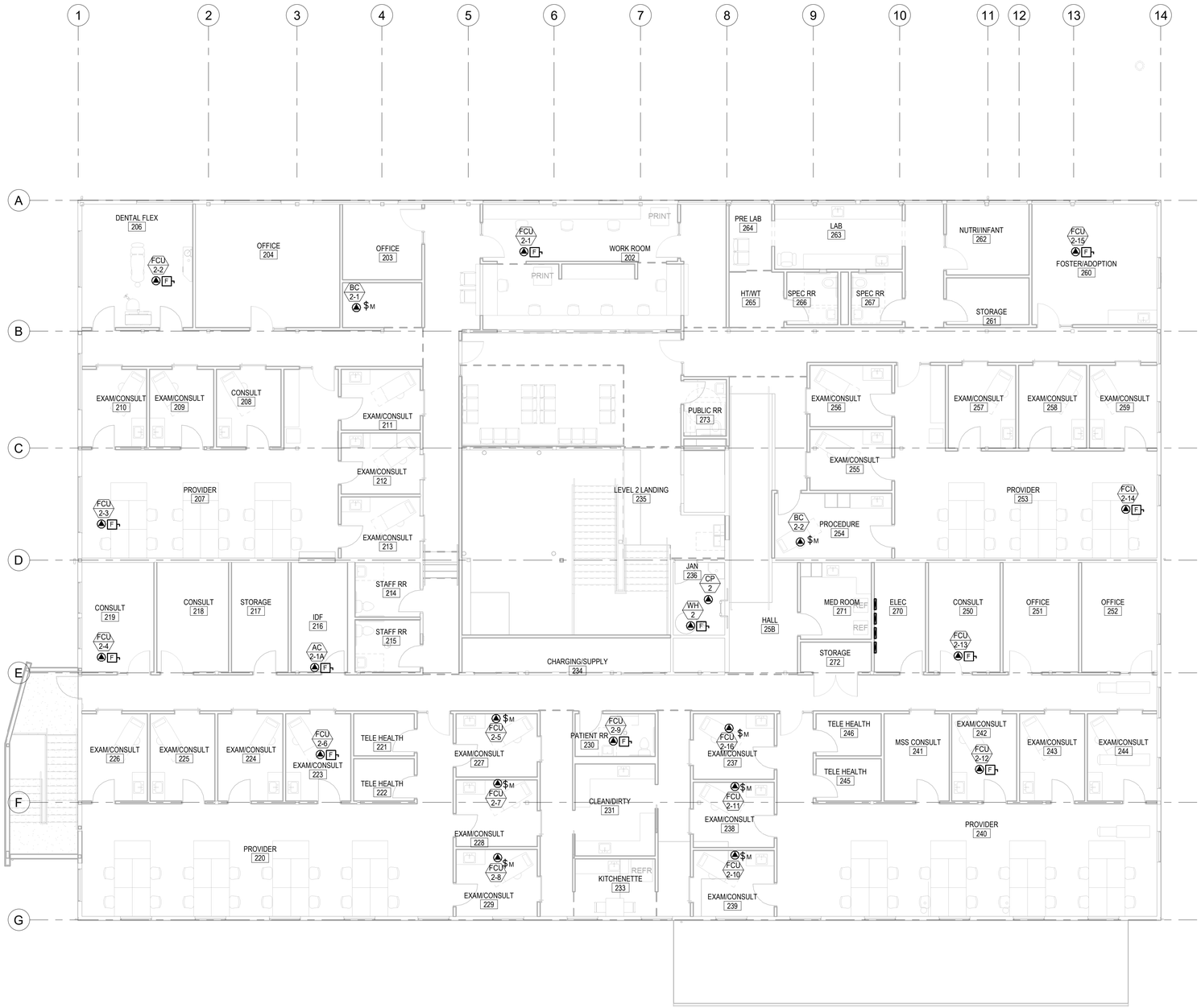
GENERAL NOTES

1. SEE MECHANICAL PLANS FOR EQUIPMENT TYPE AND LOCATIONS.
2. PROVIDE MAINTENANCE RECEPTACLES LOCATED MAXIMUM OF 25' FROM MECHANICAL UNITS.
3. PROVIDE PULL BOXES IN FEEDER BOXES AS REQUIRED.
4. ALL EQUIPMENT CONNECTIONS AND DISCONNECTS ARE TO BE WEATHER-PROOF. PROVIDE WEATHER-PROOF GFI RECEPTACLE AT EACH EQUIPMENT LOCATION.
5. RACEWAYS AND CABLES ON ROOF TO BE INSTALLED ON SUPPORT SYSTEMS. BOTTOM OF RACEWAY AND ROOF TO BE MINIMUM 1" ALONG ENTIRE RUN.
6. ALL CONDUITS ON ROOF SHALL BE GALVANIZED RIGID STEEL.
7. FEEDER: ALL WIRING IN CONDUITS, FEEDER WIRING WITH DEDICATED GROUND WIRE.
8. PROVIDE ALL POWER CONNECTION TO MECHANICAL EQUIPMENT.
9. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
10. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.



1 LEVEL 2 - MECH EQUIP POWER PLAN
1/8" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trespnw.com

CONSULTANT'S STAMP

ROGER W. A. AI
STATE OF WASHINGTON
19728
REGISTERED
PROFESSIONAL ENGINEER
10/25/2022

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SHEET TITLE

LEVEL 2 - MECH EQUIP POWER PLAN

SHEET NO.

E4.02

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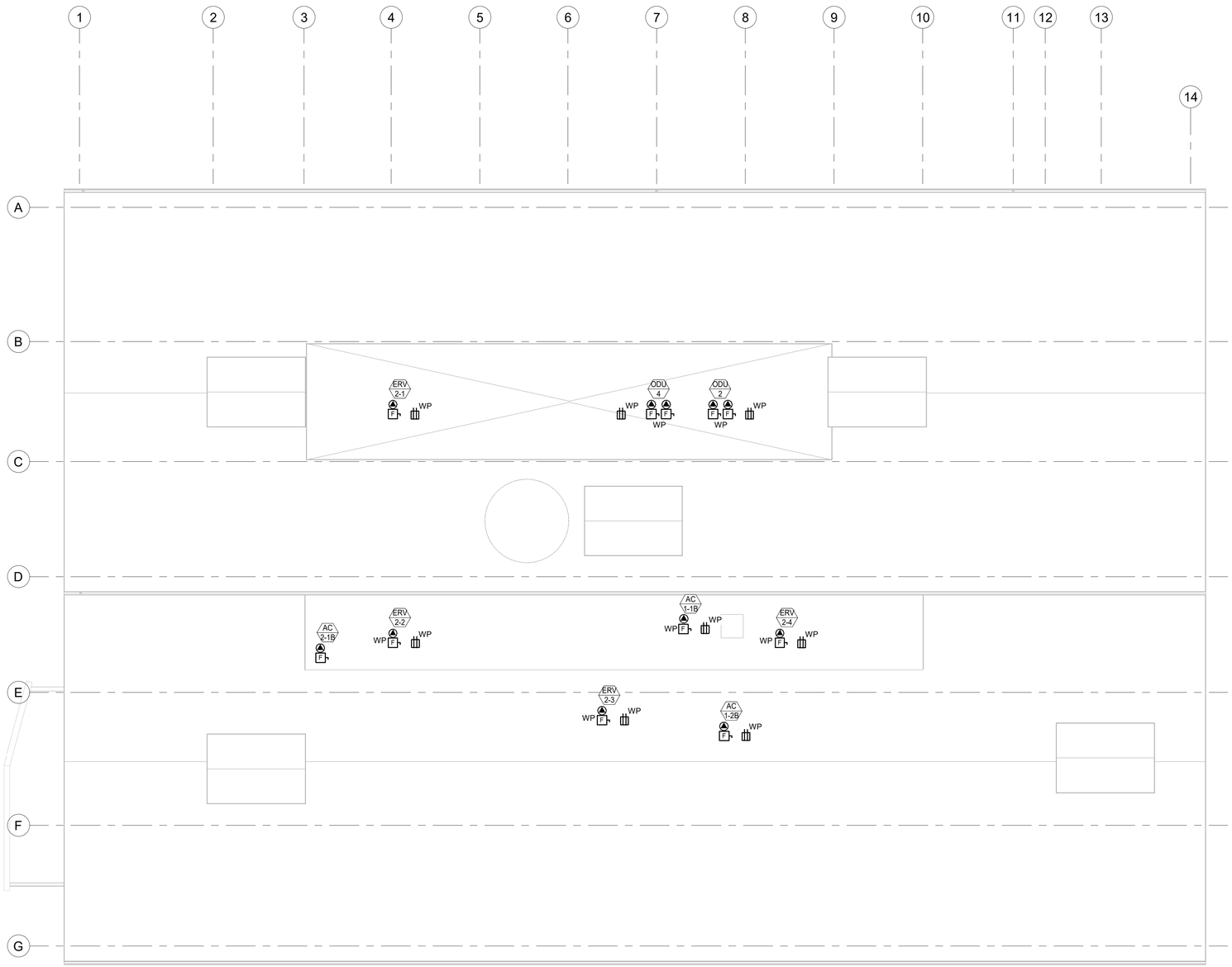
Project Number

PRCTI20221698



1 ROOF - MECH EQUIP POWER PLAN
1/8" = 1'-0"

GENERAL NOTES

1. SEE MECHANICAL PLANS FOR EQUIPMENT TYPE AND LOCATIONS.
2. PROVIDE MAINTENANCE RECEPTACLES LOCATED MAXIMUM OF 25' FROM MECHANICAL UNITS.
3. PROVIDE PULL BOXES IN FEEDER BOXES AS REQUIRED.
4. ALL EQUIPMENT CONNECTIONS AND DISCONNECTS ARE TO BE WEATHER-PROOF. PROVIDE WEATHER-PROOF GFI RECEPTACLE AT EACH EQUIPMENT LOCATION.
5. RACEWAYS AND CABLES ON ROOF TO BE INSTALLED ON SUPPORT SYSTEMS. BOTTOM OF RACEWAY AND ROOF TO BE MINIMUM 1" ALONG ENTIRE RUN.
6. ALL CONDUITS ON ROOF SHALL BE GALVANIZED RIGID STEEL.
7. FEEDER: ALL WIRING IN CONDUITS, FEEDER WIRING WITH DEDICATED GROUND WIRE.
8. PROVIDE ALL POWER CONNECTION TO MECHANICAL EQUIPMENT.
9. PROVIDE ALL REQUIRED RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
10. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trewest.com

CONSULTANT'S STAMP

ROGER W. A. AI
STATE OF WASHINGTON
19720HB
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

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DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

ROOF - MECH EQUIP POWER PLAN

SHEET NO.

E4.03

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Project Number

PRCTI20221698

GENERAL NOTES

1. REFER TO SHEET E6.0 ELECTRICAL ONE-LINE DIAGRAM FOR ADDGENERAL NOTES
2. COORDINATE ALL POWER SHUTDOWN TO THE BUIDLINC1. VITH (SCOPE OF WORK AREA IS THE ENTIRE BUILDING UNLESS PRIOR TO TURNINOTED OTHERWISE.)UIDLING.
3. PROVIDE2. LL REDEMO EXISTING UL FIRE ALARM SYSTEM WITH NEW. MOUNTING HARPROVIDE FIRE ALARM SYSTEM WITH A TOTAL SMOKE REQUIRED FOR 4COVERAGE PER CITY OF PUYALLUP MUNICIPAL FIRE CODE AND UL FIRE ALARM CERTIFICATE.
   3. PROVIDE ALL REQUIRED FIRE DETECTORS, DEVICES, RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
   4. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.
   5. EXISTING WET AND DRY SPRINKLER RISERS TO REMAIN.
   6. EXISTING ELEVATOR EQUIPMENT TO REMAIN.
   7. REMOVE EXISTING FIRE ALARM PANELS AND DEVICES TO REMAIN UNLESS OTHER WISE NOTED.

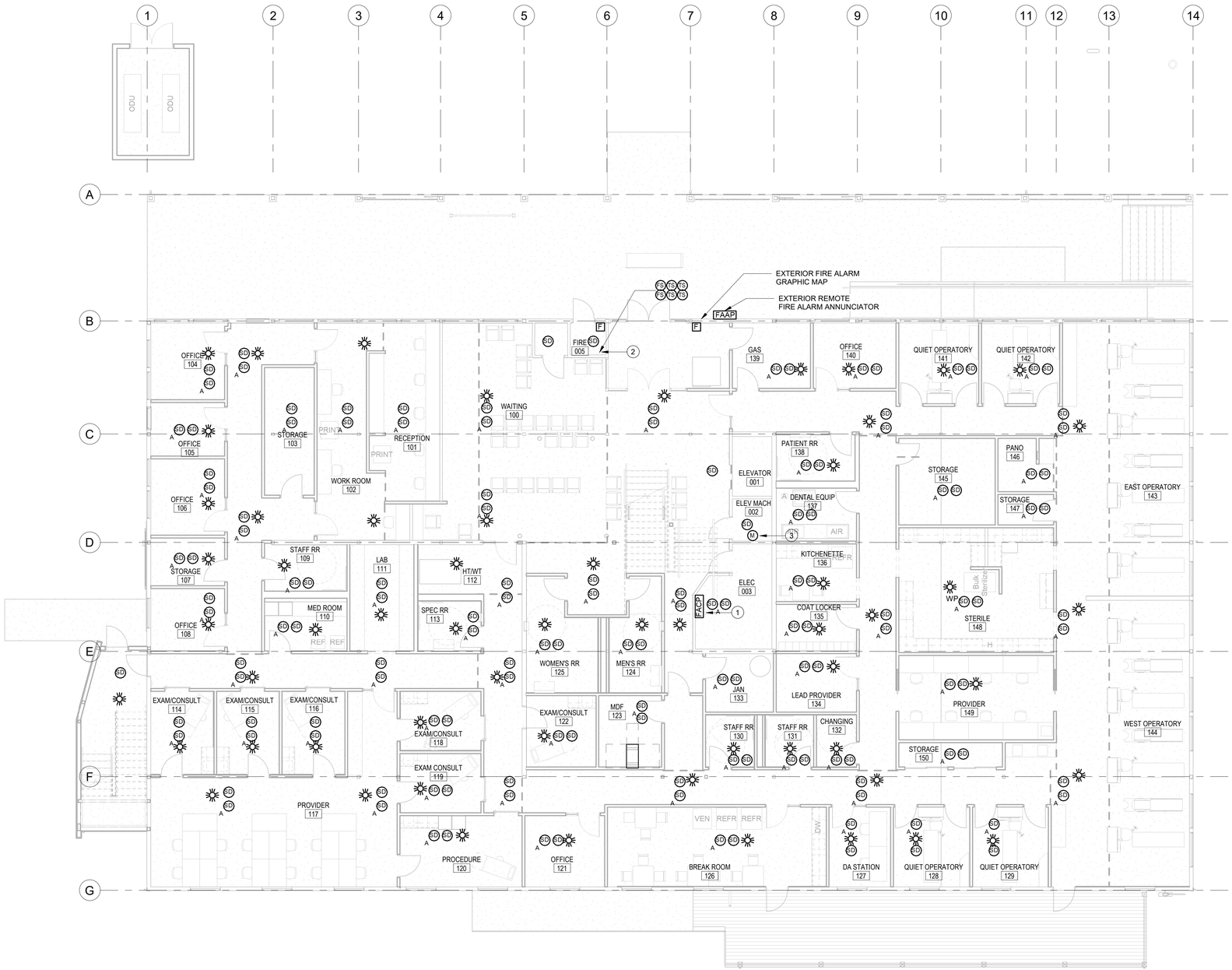
PLAN NOTES

(1) REPLACE EXISTING FIRE ALARM SYSTEM WITH NEW FIRE ALARM PANEL, NAC PANELS, AES RADIO PANEL, AND DOOR HOLDER RELAY MODULE.

(2) PROVIDE FIRE ALARM MONITOR MODULES FOR THE EXISTING SPRINKLER SYSTEM RISERS.
1 - WET - WATER FLOW.
1 - DRY - DRY WATER FLOW.
1 - HILOW AIR SWITCH
3 - TAMPER SWITHES

(3) EXISTING ELEVATOR MACHINE ROOM.
PROVIDE FIRE ALARM RELAYS AND MONITOR MODULES AS REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM.
1 - PRIMARY MAIN RECALL - FIRE RELAY MODULE.
1 - SECONDARY ALTERNATE RECALL - FIRE RELAY MODULE.
1 - HAT ALTERANTE RECALL - FIRE RELAY MODULE.
1 - SHUNT TRIP POWER - FIRE MONITOR MODULE
1 - HEAT DETECTOR - FIRE ONITOR MODULE.
REPLACE EXISTING HEAT DETECTOR WITH NEW DUAL CONTACT HEAT DETECTOR.
ADD A 120VAC FORM C TYPE RELAY TO MONITOR THE ELEVATOR SHUNT TRIP POWER AND SHUNT TRIP FIRE ALARM .

(4) REPLACE EXISTING FIRE ALARM MAP WITH NEW REVISED FIRE ALARM GRAPHIC MAP.



1 LEVEL 1 - FIRE ALARM PLAN
1/8" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trespnw.com

CONSULTANT'S STAMP

ROGER W. A. HAYASHI
STATE OF WASHINGTON
19728
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

BUILDING DEPARTMENT'S STAMP

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SHEET TITLE

LEVEL 1 - FIRE ALARM PLAN

SHEET NO.

E5.01

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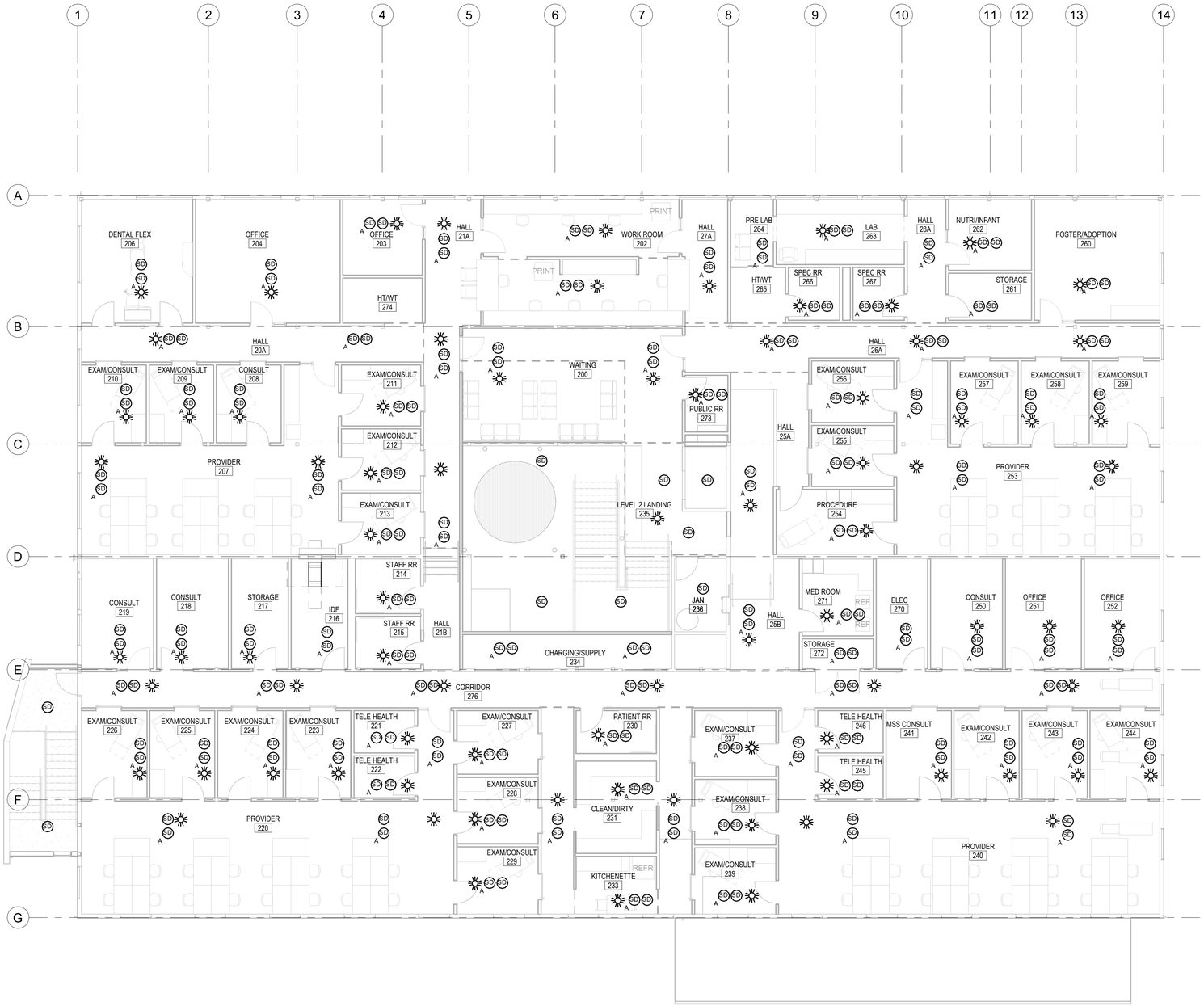
Project Number

PRCTI20221698

GENERAL NOTES

1. SCOPE OF WORK AREA IS THE ENTIRE BUILDING UNLESS NOTED OTHERWISE.
2. DEMO EXISTING UL FIRE ALARM SYSTEM WITH NEW. PROVIDE FIRE ALARM SYSTEM WITH A TOTAL SMOKE COVERAGE PER CITY OF PUYALLUP MUNICIPAL FIRE CODE AND UL FIRE ALARM CERTIFICATE.
3. PROVIDE ALL REQUIRED FIRE DETECTORS, DEVICES, RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
4. PROVIDE HANGERS, SUPPORTS, PENETRATIONS, CUTTING, PATCHING, AND SEALING AS REQUIRED.
5. EXISTING WET AND DRY SPRINKLER RISERS TO REMAIN.
6. EXISTING ELEVATOR EQUIPMENT TO REMAIN.
7. REMOVE EXISTING FIRE ALARM PANELS AND DEVICES TO REMAIN UNLESS OTHER WISE NOTED.



1 LEVEL 2 - FIRE ALARM PLAN
1/8" = 1'-0"

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trewest.com

CONSULTANT'S STAMP

ROGER W. A. AM
STATE OF WASHINGTON
19720
REGISTERED PROFESSIONAL ENGINEER
10/25/2022

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No.	Description	Date

SHEET TITLE

LEVEL 2 - FIRE ALARM PLAN

SHEET NO.

E5.02

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Project Number

PRCTI20221698

CHC Puyallup Cannery Building Fire Alarm Control Panel FACP General Input and Output Matrix

		System Outputs														
		ACTIVATION OF LOCAL ALARM AT FACP (LCD DISP. AUDIBLE INDICATION)	DISPLAY ALARM AT ANNUCIATOR	ACTIVATE ALL AUDIBLE/VISIBLE DEVICES	RELEASE DOOR HOLDERS AND SHUTDOWN COILING DOORS PER FLOOR	FIRE SMOKE DAMPERS	ACCESS CONTROL UNLOCK	HVAC SHUNT DOWN	ELEVATOR MAIN RECALL	ELECTRICAL ALTERNATE RECALL	ELEVATOR HAT RECALL	TRANSMIT ALARM EVENTS TO CENTRAL STATION MONITORING	TRANSMIT SUPERVISORY EVENTS TO CENTRAL STATION MONITORING	TRANSMIT GENERAL TROUBLE EVENTS TO CENTRAL STATION MONITORING
System Inputs	FIRE ALARM PANEL	X	X											X
	PULL STATIONS	X	X	X			X					X		X
	SMOKE DETECTORS	X	X	X			X	X				X		X
	ELEVATOR LOBBY 1ST SMOKE DETECTOR	X	X	X			X	X		X		X		X
	ELEVATOR LOBBY ALL OTHER SMOKE DETECTORS	X	X	X			X	X	X			X		X
	ELEVATOR MACHINE ROOM SMOKE	X	X	X			X	X		X	X	X		X
	ELEVATOR MACHINE POWER SHUNT LOSS	X	X										X	X
	SERVER ROOM SMOKE DETECTORS	X	X										X	X
	SERVER ROOM HEAT DETECTOR	X	X	X			X	X				X		X
	SERVER RM SPRINKLER PRESSURE SW	X	X										X	X
	SPRINKLER WATER FLOW SWITCHES	X	X	X			X	X	X			X		X
	SPRINKLER TAMPER SWITCHES	X	X										X	X
	SPRINKLER PRESSURE SWITCH	X	X										X	X
	DOOR SMOKE DETECTORS	X	X	X	X		X	X				X		X
	DAMPER SMOKE DETECTORS	X	X			X	X	X					X	X
	DUCT SMOKE DETECTORS	X	X			X	X	X					X	X

NOTES: ALL FIRE ALARM DEVICES SHALL REPORT TO CENTRAL STATION MONITORING BY POINT.
PROGRAM HVAC UNITS SHUTDOWN WITH FIRE/SMOKE DAMPERS DUCT DETECTOR AND DAMPER SMOKE DETECTORS.
PROVIDE BYPASS SWITCHES AS REQUIRED MAINTAINING FIRE ALARM SYSTEM DURING MAINTENANCE AND ANNUAL INSPECTION.

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH LATEST N.E.C., CITY OF PUYALLUP AND FIRE CODES.
2. DEMO EXISTING UL FIRE ALARM SYSTEM WITH NEW. PROVIDE FIRE ALARM SYSTEM WITH A TOTAL SMOKE COVERAGE PER CITY OF PUYALLUP MUNICIPAL FIRE CODE AND UL FIRE ALARM CERTIFICATE.
3. PROVIDE ALL REQUIRED FIRE DETECTORS, DEVICES, RACEWAY, CABLING, MOUNTING HARDWARE, AND APPURTENANCES AS REQUIRED FOR COMPLETE OPERATION.
4. EXISTING ONE WET AND TWO DRY SPRINKLER RISERS TO REMAIN.
5. EXISTING ELEVATOR EQUIPMENT TO REMAIN.
6. ALL EMPTY CONDUITS SHALL INCLUDE PULL STRING.
7. COORDINATE ALL WORK WITH OWNER REPRESENTATIVE FOR WORK SCHEDULES DETAILS PRIOR TO DECOMMISSIONED, DEMOLITION, RELOCATION, SHUT DOWN OF FIRE ALARM PANELS AND PANELBOARDS & ETC.
8. PROVIDE ELECTRICAL AND FIRE ALARM WORK ACCORDING TO CONSTRUCTION PHASING SCHEDULES. AT THE END OF EACH AREA OF CONSTRUCTION PER PHASING PLANNING SCHEDULE, PROVIDE ELECTRICAL AND FIRE ALARM COMMISSIONING TO INSURE COMPLETION OF WORK IS SATISFACTORY FOR ACCEPTANCE.

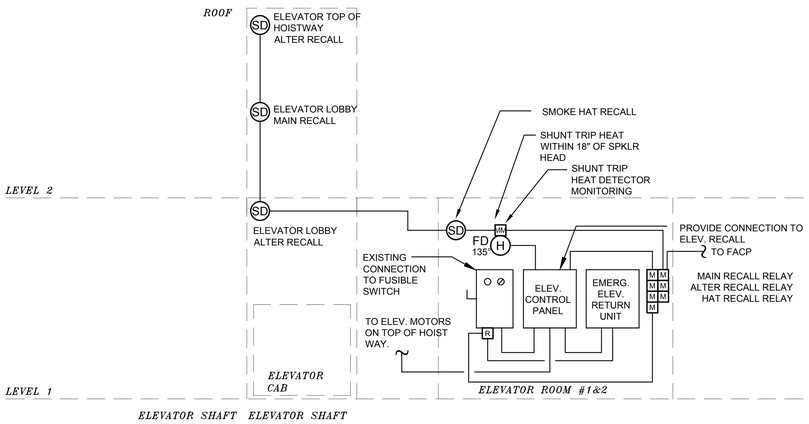

DIAGRAM NOTES:

1. CONTRACTOR TO PROVIDE ADDRESSABLE SMOKE DETECTORS IN ELEVATOR MACHINE ROOM AND ELEVATOR LOBBY FOR ELECTRICAL RECALL PROGRAM FUNCTIONS. CONTRACTOR TO PROVIDE THREE (3) ADDRESSABLE RELAY MODULES FOR ELECTRICAL RECALL MAIN, ALTERNATE, HAT PROGRAM FUNCTIONS PER ELEVATOR CODE. CONTRACTOR TO PROVIDE COMPLETE WIRING AND CONNECTIONS TO ELEVATOR CONTROLLER FOR COMPLETE OPERATION OF RECALL SYSTEM.
2. CONTRACTOR TO COORDINATE CONNECTION REQUIREMENTS WITH ELEVATOR SUPPLIER/CONTRACTOR PRIOR TO WORK.
3. CONTRACTOR TO PROVIDE COMPLETE POWER AND CONTROL CONNECTIONS TO ELEVATOR SYSTEM FOR COMPLETE OPERATION PER THE MANUFACTURER'S INSTRUCTIONS, WIRING DIAGRAMS, AND ALL CODES.
4. CONTRACTOR TO PROVIDE ADDRESSABLE MONITORING MODULE FOR ELEVATOR SHUNT TRIP POWER MONITORING. PROVIDE 120VAC INTERFACE RELAY INSIDE ENCLOSURE TO BE TIE INTO THE SHUNT TRIP POWER SOURCE FOR MONITORING THE POWER PER SEATTLE ELEVATOR CODE.
5. CONTRACTOR TO PROVIDE ADDRESSABLE MONITORING MODULE FOR ELEVATOR SHUNT TRIP DUAL CONTACT FIXED HEAT DETECTOR.
6. EXISTING ELEVATOR COMPANY SHALL BE A PART OF THE ELEVATOR AND FIRE ALARM INTERFACE. COORDINATE ALL ELEVATOR WORK WITH OWNER AND ELEVATOR CONTRACTOR.

2 / - ELECTRICAL ELEVATOR RECALL DIAGRAM - GARAGE BLDG
SCALE: NTS

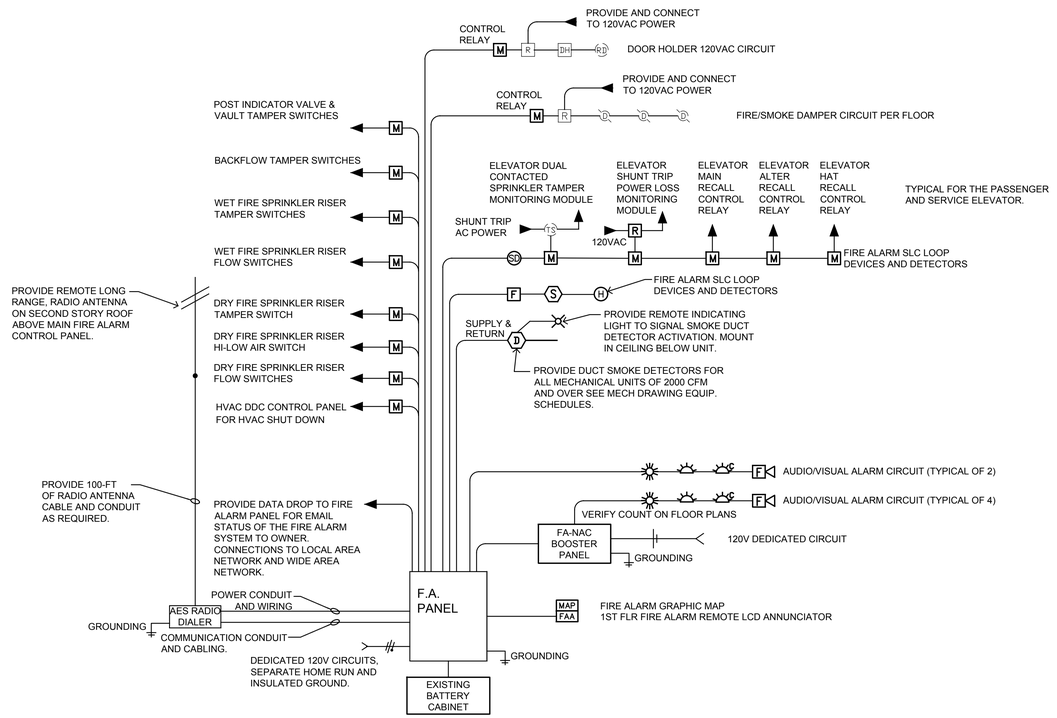

DIAGRAM NOTES:

1. PROVIDE ALL J-BOXES, CONDUIT, WIRING & CONNECTIONS TO ALL NEW DEVICES AS REQUIRED FOR COMPLETE FIRE ALARM SYSTEM.
2. REFER TO FLOOR PLAN FOR DEVICE COUNTS.
3. ALL DEVICES WILL BE MOUNTED IN AN ACCESSIBLE SPACE AND AT THE ELEVATION PER NFPA 72, ADA, AND AHJ CODES.
4. PROVIDE FLUSH MOUNT BACK BOXES FOR ALL DEVICES IN ALL FINISHED SPACE.
5. PROVIDE COMPLETE GROUNDING TO EQUIPMENT PER MANUFACTURERS RECOMMENDATION.
6. SEE FIRE ALARM SPECIFICATION FOR COMPLETE DETAILS.
7. PROVIDE NEW FIRE ALARM PANEL ADDRESSABLE.
8. PROVIDE SHUT DOWN CONNECTIONS FOR ALL 2000CFM HVAC UNITS WITH DUCT DETECTORS AS SHOWN.
9. SET ALL VISUAL DEVICES TO PROVIDE THE RIGHT COVERAGE OF CANDELA FOR THE SPACE PER NFPA 72 AND AHJ CODES.
10. SET ALL AUDIO DEVICES TO TEMPORAL AND TO BE 15db ABOVE AMBIENT SOUND LEVEL OF THE ROOM PER NFPA 72 CODES TABLE.
11. ALL AUDIO AND VISUAL DEVICE WILL BE SYNC PER NFPA 72 CODES.
12. PROVIDE COMPLETE REPROGRAMMING OF SYSTEM TO UPDATE ALL ZONES, ADDRESSES, AND DIALER MONITORING BY POINTS.
13. PROVIDE COMPLETE SHOP PLANS FOR INSTALLATION AND AS-BUILT SET OF THESE PLANS NEXT TO FIRE ALARM PANEL ON COMPLETION.
14. PROVIDE CD-ROM, DVD, OR FINGER DRIVE OF PROGRAM DATA IN FIRE ALARM PANEL AS REQUIRED BY NFPA 72 CODES.
15. PROVIDE FIRE ALARM CURRENT AES RADIO DIALER OR EQUAL WITH REMOTE LONG RANGE ANTENNA TO MONITOR ALL FIRE ALARM LOG EVENTS (ALARM, SUPERVISORY, AND TROUBLE) TO TRANSMIT TO UL LISTED CENTRAL STATION MONITORING IN THE STATE OF WASHINGTON. COORDINATE MONITORING COMPANY WITH SOUND TRANSIT. MOUNT RADIO DIALER ADJACENT TO THE MAIN FIRE ALARM PANEL. TEST RADIO FOR SIGNAL WITH NORMAL ANTENNA, IF NO SIGNAL THEN MOUNT REMOTE LONG RANGE ANTENNA ON SECOND STORY ROOF TOP. COORDINATE ROUTING OF RADIO ANTENNA CONDUIT AND LOCATION OF ROOF TOP ANTENNA WITH ARCHITECT PRIOR TO INSTALLATION. PROVIDE 24VDC POWER FROM FIRE ALARM PANEL OR FIRE ALARM AUX POWER AND PROVIDE BATTERY-BACKUP IN RADIO DIALER. PROVIDE ALL EQUIPMENT, CONNECTIONS, AND PROGRAMMING FOR A COMPLETE OPERATIONAL SYSTEM.
16. PROVIDE ADDITIONAL NAC POWER SUPPLIES AS REQUIRED FOR NAC CIRCUITS AND 24VDC DOOR HOLDERS FOR A COMPLETE OPERATIONAL SYSTEM.

1 / - ELECTRICAL FIRE LARM ONE-LINE DIAGRAM GARAGE BLDG
SCALE: NONE

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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No.	Description	Date

SHEET TITLE

ELECTRICAL
FIRE ALARM
ONE-LINE
DIAGRAMS

SHEET NO.

E5.10

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Project Number

PRCTI20221698

MAIN SWITCHBOARD MDP — **LOCATION** ELEC RM — **MOUNT** FLOOR — 208/120 V — 3 P — 4 W — 2000 A — **MAIN** BKR 2000A — **AIC** 65K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	**ATS-C / PANEL-GD**	SF	106.46	600/3	A			600/3	130.56	SF	**PANEL-DP**	2
3	(1B 1C L1 L2 MV)					B					(2A 2B 2C)	4
5							C					6
7	**ELEVATOR**	M	25.22	200/3	A			200/3	28.26	SF	**PANEL 1P**	8
9						B						10
11							C					12
13	**PANEL-1A**	SF	23.94	200/3	A			200/3	34.00	SF	**PANEL M1D**	14
15						B						16
17							C					18
19	**PANEL-M3**	SF	48.79	200/3	A			175/3	46.08	M	**ERV2-1** 159.9 MCA	20
21						B					ROOF	22
23							C					24
25	**PANEL-M1, M1A**	SF	56.84	400/3	A			400/3	58.79	SF	**PANEL-M2, M2A**	26
27						B						28
29							C					30
31	SPARE			200/3	A			200/3			SPARE	32
33	SPARE			225/3		B		200/3			SPARE	34
35	SPARE			200/3			C	200/3			SPARE	36
37	SPARE			400/3	A			400/3			SPARE	38
39	SPACE					B		1000/3			SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL		
BRANCH			71.30						46.08	71.30	KVA	197.91 A
PANEL-GD	18.48	23.28	20.35			44.36				106.46	KVA	295.51 A
PANEL-DP		100.56				30.00				130.56	KVA	362.40 A
PANEL-1A		23.94								23.94	KVA	66.45 A
PANEL-1P			2.46		25.80				1.18	28.26	KVA	78.44 A
PANEL-M1D				34.00						34.00	KVA	94.37 A
PANEL-M1			56.84						11.82	56.84	KVA	157.78 A
PANEL-M2		0.72	58.07						11.82	58.79	KVA	163.18 A
PANEL-M3		0.54	48.25						16.08	48.79	KVA	135.41 A
											KVA	A
CONN LOAD	18.48	149.04	257.26	34.00	25.80	74.36			46.08	558.94	KVA	1,551.47 A
DEMAND LOAD	23.10	79.52	257.26	34.00	25.80	74.36			11.52	505.56	KVA	1,403.30 A

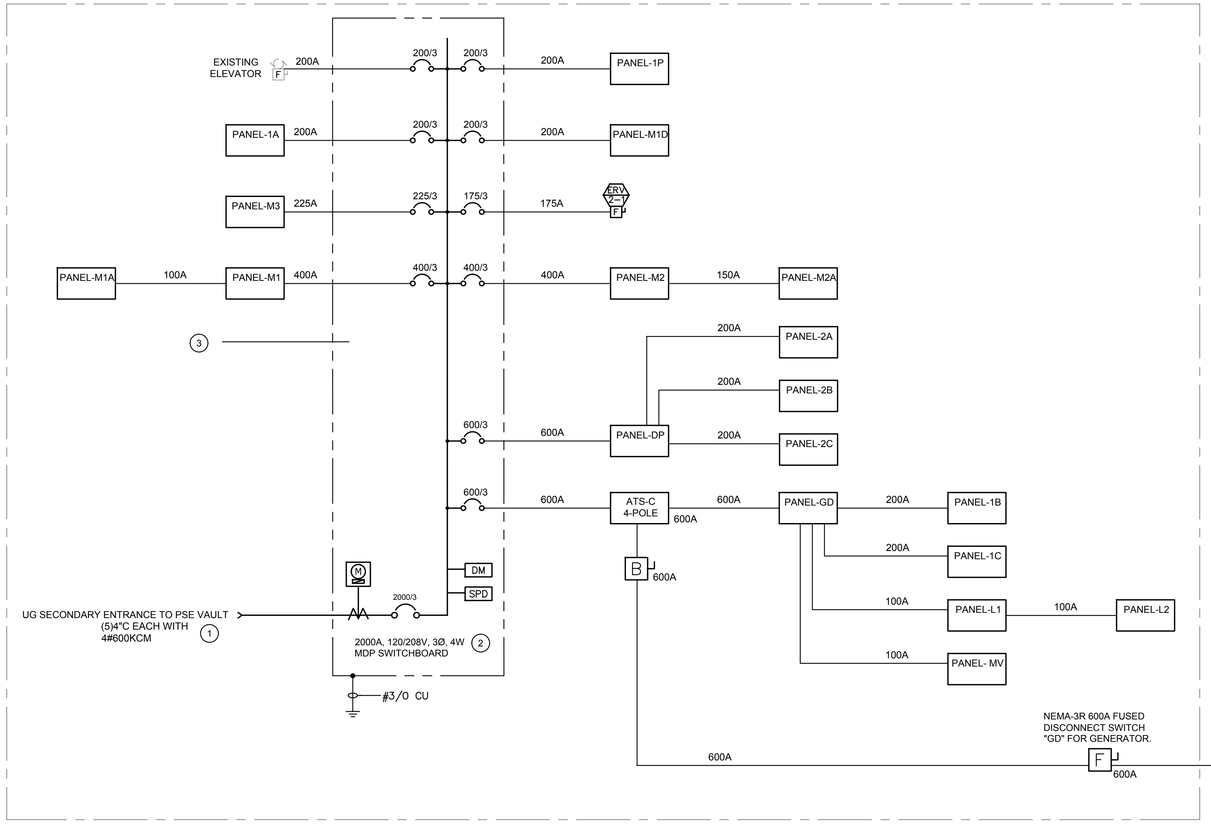
X SERVICE ENTRANCE X FLOOR
X INTEGRAL TVSS X DIGITAL METER

PANEL GD — **LOCATION** ELEC RM — **MOUNT** SURFACE — 208/120 V — 3 P — 4 W — 600 A — **MAIN** BKR 600A — **AIC** 65K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	**PANEL IB**	SF	25.49	200/3	A			100/3	18.48	SF	**PANEL L1, L2**	2
3						B						4
5							C					6
7	**PANEL 1C**	SF	53.84	200/3	A			100/3			SPARE	8
9						B						10
11							C					12
13	**PANEL MV**	SF	8.65	100/3	A			100/3			SPARE	14
15						B						16
17							C					18
19	SPACE				A						SPACE	20
21	SPACE					B					SPACE	22
23	SPACE						C				SPACE	24
25	SPACE				A						SPACE	26
27	SPACE					B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL		
BRANCH											KVA	A
PANEL-1B		10.26	11.69			3.54			4.28	25.49	KVA	70.76 A
PANEL-1C		13.02				40.82				53.84	KVA	149.44 A
PANEL-MV			8.65						0.87	8.65	KVA	24.02 A
PANEL-L1 L2	18.48									18.48	KVA	51.29 A
											KVA	A
CONN LOAD	18.48	23.28	20.35			44.36				106.46	KVA	295.51 A
DEMAND LOAD	23.10	16.64	20.35			44.36				104.44	KVA	289.91 A

SERVICE ENTRANCE X SURFACE
INTEGRAL TVSS



1 ELECTRICAL ONE-LINE DIAGRAM
SCALE: NONE

GENERAL NOTES

1. REFER TO SHEET E1.00 SITE PLAN FOR ADDITIONAL INFORMATION ON PSE UTILITY POLE MOUNTED TRANSFORMERS AND GENERATOR LOCATIONS.
2. ALL UTILITY WORK TO BE PERFORMED IN ACCORDANCE WITH PSE STANDARDS. COORDINATE ALL UTILITY WORK WITH PSE.
3. REFER TO SHEETS E2.01 AND E2.02 ELECTRICAL FLOOR PLANS FOR THE ELECTRICAL PANEL LOCATIONS.
4. ELECTRICAL PANEL SCHEDULES LOCATED ON SHEETS E6.01 THROUGH E6.03.
5. PROVIDE GROUNDING PER CODES.
6. ALL ELECTRICAL DESIGN , LAYOUT AND EQUIPMENT DIMENSIONS ARE BASED ON SIEMENS EQUIPMENT.
7. PROVIDE ALL GENERATOR AND REMOTE ANNUNCIATORS CONTROL CONDUIT, WIRING, CABLING, AND CONNECTIONS FOR A COMPLETE OPERATIONAL SYSTEM.

PLAN NOTES

1. NEW UG SERVICE TO PSE POWER SERVICE. CONTACT PSE FOR NEW SERVICE.
2. NEW MDP IN ELEC ROOM. SIEMENS MAX. DIMENSIONS: 166"W X 28"D X 90"H
3. 4"CONDUIT TO ROOF FOR PV SYSTEM.
4. PROVIDE NEW GENERATOR. INSTALL GENERATOR ON EXISTING GARAGE BUILDING ROOF.
5. PROVIDE BUSS GUTTER, BREAKERS, STORM SWITCH, DOCKING STATION, AND ALL CONDUIT , WIRING AND CONTROL. ALL OUTDOOR EQUIPMENT.
6. PROVIDE GENERATOR UNDERGROUND CONDUITS, WIRING AND UG VAULTS BETWEEN CANNERY AND GARAGE BUILDING. RUN CONDUIT WIRING UP TO ROOF ON GARAGE BUILDING.

CHC Puyallup - Cannery

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Puyallup, WA 98371

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CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 101
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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10/27/2022

BUILDING DEPARTMENT'S STAMP

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

PHASE

Permit Set

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

ELECTRICAL
ONE-LINE
DIAGRAM

SHEET NO.

E6.00

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Project Number

PRCTI20221698

PANEL MV — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 100A — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	ERV1-1 5.2 MCA	M	0.865	15/2	A			15/2	0.865	M	ERV1-8 5.2 MCA	2
3						B						4
5	ERV1-2 5.2 MCA	M	0.865	15/2			C	15/2	0.865	M	ERV1-9 5.2 MCA	6
7					A							8
9	ERV1-3 5.2 MCA	M	0.865	15/2		B		15/2	0.865	M	ERV1-10 5.2 MCA	10
11							C					12
13	ERV1-4 5.2 MCA	M	0.865	15/2	A			15/2			SPARE	14
15						B						16
17	ERV1-5 5.2 MCA	M	0.865	15/2			C	20/1			SPARE	18
19					A			20/1			SPARE	20
21	ERV1-6 5.2 MCA	M	0.865	15/2		B		20/1			SPARE	22
23							C	20/1			SPARE	24
25	ERV1-7 5.2 MCA	M	0.865	15/2	A			20/1			SPARE	26
27						B		20/1			SPARE	28
29	SPARE			15/2			C	20/1			SPARE	30
31	SPARE				A			20/1			SPARE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD			8.65						0.87	8.65 KVA 24.02 A
DEMAND LOAD			8.65						0.22	8.87 KVA 24.62 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

PANEL 1A — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 200A — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	REC EMER/CONSULT118	R	0.72	20/1	A			20/1	0.72	R	REC LAB 111	2
3	REC EMER/CONSULT119	R	0.72	20/1		B		20/1	0.72	R	REC LAB 111	4
5	REC PROCEDURE 120	R	0.72	20/1			C	20/1	0.72	R	REC MED RM 110	6
7	REC PROCEDURE 120	R	0.72	20/1	A			20/1	0.72	R	REC OFFICE 104	8
9	REC OFFICE 121	R	0.72	20/1		B		20/1	0.72	R	REC OFFICE 105	10
11	REC EMER/CONSULT 114	R	0.72	20/1			C	20/1	0.72	R	REC OFFICE 106	12
13	REC EMER/CONSULT 115	R	0.72	20/1	A			20/1	0.72	R	REC OFFICE 108	14
15	REC EMER/CONSULT 116	R	0.72	20/1		B		20/1	0.18	R	REC STOR 107	16
17	REC PROVIDER POD117	R	0.72	20/1			C	20/1	0.18	R	REC STAFF RR 109	18
19	REC PROVIDER POD117	R	0.54	20/1	A			20/1	0.54	R	REC STOR 103	20
21	REC PROVIDER POD117	R	0.72	20/1		B		20/1	0.36	R	REC WORK 102	22
23	REC PROVIDER POD117	R	0.72	20/1			C	20/1	0.36	R	REC WORK 102	24
25	REC PROVIDER POD117	R	0.72	20/1	A			20/1	0.72	R	REC WORK 102	26
27	REC PROVIDER POD117	R	0.72	20/1		B		20/1	0.36	R	REC WORK 102	28
29	REC PROVIDER POD117	R	0.72	20/1			C	20/1	0.36	R	REC WORK 102	30
31	REC PROVIDER POD117	R	0.72	20/1	A			20/1	0.72	R	REC RECPT 101	32
33	REC PROVIDER POD117	R	0.54	20/1		B		20/1	1.08	R	REC RECPT 101	34
35	REC CONSULT 122	R	0.36	20/1			C	20/1	0.18	R	REC RECPT 101	36
37	REC CONSULT 122	R	0.36	20/1	A			20/1			SPARE	38
39	REC HALL	R	0.54	20/1		B		20/1			SPARE	40
41	REC SPEC RR	R	0.36	20/1			C	20/1			SPARE	42
43	REC WAITING 100	R	0.36	20/1	A			20/1			SPARE	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

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD		23.94								23.94 KVA 66.45 A
DEMAND LOAD		16.97								16.97 KVA 47.10 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL 1B — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 200A — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	REC KITCHENETTE175	R	0.18	20/1	A			20/1	0.18	R	REC - BREAK 126	2
3	REC KITCHENETTE175	R	0.18	20/1		B		20/1	0.36	R	REC - BREAK 126	4
5	REC KITCHENETTE175	R	0.18	20/1			C	20/1	0.18	R	REC - BREAK 126	6
7	REC HALL RR 136	R	0.54	20/1	A			20/1	0.54	R	REC - BREAK 126	8
9	REC DENTAL 137	R	0.18	20/1		B		20/1	0.54	R	REC - BREAK 126	10
11	VAC DENTAL 137	M	4.28	30/2			C	20/1	0.72	R	REC LEAD PROVIDER 127	12
13					A			20/1	0.72	R	REC HALL JAN	14
15	AIR DENTAL 137	M	2.70	20/2		B		20/1	0.54	R	REC STAFF RR130	16
17							C	20/1	0.36	R	REC STOR 146	18
19	AIR DENTAL 137	M	2.70	20/2	A			20/1	0.18	R	REC COAT LOCKER 133	20
21						B		20/1	0.72	R	REC DA LEAD 135	22
23	REC GAS 144	R	0.18	20/1			C	20/1	0.36	R	REC JAN132 HALL	24
25	REC FIRE 100A	R	0.18	20/1	A			20/1	0.18	D	FIRE ALARM	26
27	REC WAITING	R	0.36	20/1		B		20/1	0.18	R	FIBER PNL	28
29	REC WAITING	R	0.36	30/2			C	20/1	0.18	R	TEL BD	30
31	DRY COMPRESSOR	M	2.00	30/2	A			20/1	0.18	D	SECURITY ACCESS PANEL	32
33	FIRE 100A					B		20/1	0.18	D	SECURITY ALARM PANEL	34
35	REC DF	R	0.18	20/1			C	20/1	0.18	R	REC ELEC 134	36
37	REC RR 124 125	R	0.36	20/1	A			20/1	0.54	R	REC MDF 123	38
39	REC ELEV MACH	R	0.18	20/1		B		20/1	0.54	R	REC MDF 123	40
41	REC ELEV PIT	R	0.18	20/1			C	30/2	1.50	D	REC MDF 123	42
43	SPARE			20/1	A							44
45	SPARE			20/1		B		30/2	1.50	D	REC MDF 123	46
47	SPARE			20/1			C					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

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD		10.26	11.69			3.54			4.28	25.49 KVA 70.76 A
DEMAND LOAD		10.13	11.69			3.54			1.07	26.43 KVA 73.37 A

SERVICE ENTRANCE — X SURFACE — GF=GROUND FAULT
X INTEGRAL TVSS — FLUSH

PANEL 1C — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 200A — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	Q OPER 128 XRAY	D	1.50	20/1 GF	A			20/1GF	1.10	D	Q OPER 141 CHAIR	2
3	Q OPER 128 CHAIR	D	1.10	20/1 GF		B		20/1GF	0.54	R	Q OPER 141 REC	4
5	Q OPER 128 REC	R	0.54	20/1 GF			C	20/1GF	0.54	R	Q OPER 141 REC	6
7	Q OPER 128 REC	R	0.54	20/1 GF	A			20/1GF	1.50	D	Q OPER 141 XRAY	8
9	Q OPER 129 XRAY	D	1.50	20/1 GF		B		20/1GF	1.10	D	Q OPER 142 CHAIR	10
11	Q OPER 129 CHAIR	D	1.10	20/1 GF			C	20/1GF	0.54	R	Q OPER 142 REC	12
13	Q OPER 129 REC	R	0.54	20/1 GF	A			20/1GF	0.54	R	Q OPER 142 REC	14
15	Q OPER 129 REC	R	0.54	20/1 GF		B		20/1GF	1.50	D	Q OPER 142 XRAY	16
17	W OPER 144 REC	R	0.36	20/1 GF			C	201/GF	0.72	R	REC OFFICE 140	18
19	W OPER 144 CHAIR	D	1.10	20/1 GF	A			20/1 GF	1.50	D	XRAY PANO 146	20
21	W OPER 144 REC	R	0.54	20/1 GF		B		20/1GF	0.36	R	REC PANO 146	22
23	W OPER 144 XRAY	D	1.50	20/1 GF			C	20/1GF	0.36	R	REC STOR 146 147	24
25	W OPER 144 CHAIR	D	1.10	20/1 GF	A			20/1	0.36	R	REC CNTR STERILE148	26
27	W OPER 144 REC	R	0.54	20/1 GF		B		20/1	0.36	D	REC CNTR STERILE148	28
29	W OPER 144 CHAIR	D	1.10	20/1 GF			C	20/1	0.36	D	REC CNTR STERILE148	30
31	W OPER 144 REC	R	0.54	20/1 GF	A			20/1	0.18	D	REC CNTR STERILE 148	32
33	W OPER 144 XRAY	D	1.50	20/1 GF		B		20/1	0.36	D	REC CNTR STERILE 148	34
35	W OPER 144 REC	R	0.54	20/1 GF			C	20/1	1.00	D	REC - ULTRASONIC STERILE 148	36
37	W OPER 144 CHAIR	D	1.10	20/1 GF	A			20/1	0.54	D	REC CNTR STERILE 148	38
39	E OPER 143 CHAIR	D	1.10	20/1 GF		B		20/1	0.48	D	REC - UC FZR STERILE 148	40
41	E OPER 143 REC	R	0.54	20/1 GF			C	20/1	1.43	D	REC - M11 TOWER STERILE 148	42
43	E OPER 143 XRAY	D	1.50	20/1 GF	A			20/2	2.50	D	HYDRIM STERILE148	44
45	E OPER 143 CHAIR	D	1.10	20/1 GF		B						46
47	E OPER 143 REC	R	0.54	20/1 GF			C	20/1	0.72	R	REC PROVIDER 145	48
49	E OPER 143 CHAIR	D	1.10	20/1 GF	A			20/1	0.90	R	REC PROVIDER 145	50
51	E OPER 143 REC	R	0.54	20/1 GF		B		20/1	0.72	R	REC PROVIDER 145	52
53	E OPER 143 XRAY	D	1.50	20/1 GF			C	20/1	0.72	R	REC PROVIDER 145	54
55	E OPER 143 REC	R	0.54	20/1 GF	A			20/1			SPARE	56
57	E OPER 143 CHAIR	D	1.10	20/1 GF		B		20/1			SPARE	58
59	SPARE			20/1 GF			C	20/1GF			SPARE	60
61	SPARE			20/1 GF	A			20/1GF			SPARE	62
63	SPARE			20/1 GF		B		20/1GF			SPARE	64
65	SPARE			20/1 GF			C	20/1GF			SPARE	66

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD		13.86				33.91				47.77 KVA 132.60 A
DEMAND LOAD		11.93				33.91				45.84 KVA 127.24 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL L1 — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 200A — AIC

NO	LOAD		TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD		NO
1	LT - HALL	12	L	0.44	20/1	A			20/1	0.59	L	LT - HALL MAIN	16	2
3	LT - EXTERIOR W	6	L	0.22	20/1		B		20/1	0.44	L	LT - HALL SO	12	4
5	LT - EXTERIOR E	12	L	0.44	20/1			C	20/1	0.33	L	LT - DROP OFF157	9	6
7	LT - WAT	6	L	0.22	20/1	A			20/1	0.30	L	LT - E OPER	16	8
9	LT - WAT	14	L	0.52	20/1		B		20/1	0.30	L	LT - W OPER	8	10
11	LT - RR MDF CONSULT	12	L	0.44	20/1			C	20/1	0.30	L	LT - Q OPER	8	12
13	LT - WORK RR LAB	20	L	0.74	20/1	A			20/1	0.59	L	LT -STERILE PANO	16	14
15	LT -OFFICE RR MED110	13	L	0.48	20/1		B		20/1	0.33	L	LT - POD 145	9	16
17	LT -EXAM POD117	14	L	0.52	20/1			C	20/1	0.37	L	LT - COAT LOCKER RR	10	18
19	LT -EXAM PROC120	10	L	0.37	20/1	A			20/1	0.30	L	LT - JAN ELEC RR	8	20
21	CONTROL		L	0.10	20/1		B		20/1	0.52	L	LT - BREAK LEAD OPER128	14	22
23	SPARE				20/1			C	20/1			SPARE		24
25	SPARE				20/1	A			20/1			SPARE		26
27	SPARE				20/1		B		20/1			SPARE		28
29	SPARE				20/1			C	20/1			SPARE		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			100/3	9.61	SF	PANEL-L2		38
39	SPARE				20/1		B							40
41	SPARE				20/1			C						42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
BRANCH	8.87								8.87	KVA 24.62 A
PNL-L2	9.61								9.61	KVA 26.67 A
CONN LOAD	18.48								18.48	KVA 51.29 A
DEMAND LOAD	23.10								23.10	KVA 64.11 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL L2 — LOCATION LEVEL 2 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 100A — AIC 22K

NO	LOAD		TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD		NO
1	LT - FLEXIDF RR	13	L	0.48	20/1	A			20/1	0.59	L	LT - HALL	16	2
3	LT - EXAM213	12	L	0.48	20/1		B		20/1	0.48	L	LT - HALL	13	4
5	LT - POD 207	9	L	0.33	20/1			C	20/1	0.59	L	LT - HALL	16	6
7	LT - D FLEX OFFICE 204	15	L	0.56	20/1	A			20/1	0.59	L	LT - EXAM 237 TELE H	16	8
9	LT - LANDING	8	L	0.30	20/1		B		20/1	0.48	L	LT - POD 240	13	10
11	LT - WAITING200	24	L	0.89	20/1			C	20/1	0.48	L	LT - POD 220	13	12
13	LT - WORK202	10	L	0.37	20/1	A			20/1	0.59	L	LT - EXAM 227	16	14
15	LT - LAB FOSTER260	16	L	0.59	20/1		B		20/1	0.19	L	LT - KIT 233 RR DTY CLEAN	5	16
17	LT - MED271 PROD EXAM	16	L	0.59	20/1			C	20/1	0.26	L	LT - ELEC SUPPLY JAN		18
19	LT - POD253 OFFICE	18	L	0.67	20/1	A			20/1			SPARE		20
21	CONTROL		L	0.10	20/1		B		20/1			SPARE		22
23	SPARE				20/1			C	20/1			SPARE		24
25	SPARE				20/1	A			20/1			SPARE		26
27	SPARE				20/1		B		20/1			SPARE		28
29	SPARE				20/1			C	20/1			SPARE		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

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
AD TYPE	9.61								9.61	KVA 26.67 A
AN. LOAD	12.01								12.01	KVA 33.34 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL M1 — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 400 A — MAIN BKR 400A — AIC 65K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	PANEL-M1A (FCU)	SF	9.58	100/3	A			60/3	11.82	M	ODU3 41 MCA	2
3						B					MD-1 LEVEL-1	4
5							C					6
7	SPACE				A			60/3	11.82	M	ODU3 41 MCA	8
9	SPACE					B					MD-2 LEVEL-1	10
11	SPACE						C					12
13	SPACE				A			60/3	11.82	M	ODU4 41 MCA	14
15	SPACE					B					MD-2 LEVEL-1	16
17	SPACE						C					18
19	SPACE				A			60/3	11.82	M	ODU4 41 MCA	20
21	SPACE					B					MD-2 LEVEL-1	22
23	SPACE						C					24
25	SPACE				A						SPACE	26
27	SPACE					B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
BRANCH			47.27						11.82	47.27 KVA 131.20 A
PANEL M1A			9.58						3.16	9.58 KVA 26.59 A
										KVA A
										KVA A
CONN LOAD			56.84						11.82	56.84 KVA 157.78 A
DEMAND LOAD			56.84						2.95	59.80 KVA 165.98 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

PANEL M1A — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN LUGS — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	FCU1-1 4.4 MCA	M	0.729	15/2	A			15/2	0.040	M	FCU1-11 0.24 MCA	2
3						B						4
5	FCU1-2 2.88 MCA	M	0.479	15/2			C	15/2	0.048	M	FCU1-12 0.29 MCA	6
7					A							8
9	FCU1-3 2.88 MCA	M	0.479	15/2		B		15/2	0.489	M	FCU1-13 2.94 MCA	10
11							C					12
13	FCU1-4 0.24 MCA	M	0.040	15/2	A			15/2	1.281	M	FCU1-14 7.7 MCA	14
15						B						16
17	FCU1-5 0.24 MCA	M	0.040	15/2			C	15/2	0.048	M	FCU1-15 0.29 MCA	18
19					A							20
21	FCU1-6 0.24 MCA	M	0.040	15/2		B		15/2	0.729	M	FCU1-16 4.38 MCA	22
23							C					24
25	FCU1-7 0.24 MCA	M	0.040	15/2	A			15/2	0.729	M	FCU1-17 4.38 MCA	26
27						B						28
29	FCU1-8 4.38 MCA	M	0.729	15/2			C	15/2	0.198	M	BC1-1	30
31					A				0.198	M	BC1-2	32
33	FCU1-9 0.24 MCA	M	0.040	15/2		B		25/2	3.16	M	AC1-1B AC1--A 19 MCA	34
35							C				ELEV RM	36
37	FCU1-10 0.24 MCA	M	0.040	15/2	A			20/1			SPARE	38
39						B		20/1			SPARE	40
41	SPARE			20/1			C	20/1			SPARE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD			9.58						3.16	9.58 KVA 26.59 A
DEMAND LOAD			9.58						0.79	10.37 KVA 28.78 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

PANEL M1D — LOCATION LEVEL 1 — 208/120 V — 3 P — 4 W — 225 A — MAIN BKR 200A — AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	DUCT HEATER DH1-1	H	3.00	20/3	A			20/3	3.50	H	DH1-8 DUCT HEATER	2
3						B						4
5							C					6
7	DUCT HEATER DH1-2	H	3.50	20/3	A			20/3	3.50	H	DH1-9 DUCT HEATER	8
9						B						10
11							C					12
13	DUCT HEATER DH1-3	H	3.50	20/3	A			20/3	3.50	H	DH1-10 DUCT HEATER	14
15						B						16
17							C					18
19	DUCT HEATER DH1-4	H	3.50	20/3	A			20/3			SPARE	20
21						B						22
23							C					24
25	DUCT HEATER DH1-5	H	3.00	20/3	A						SPACE	26
27						B					SPACE	28
29							C				SPACE	30
31	DUCT HEATER DH1-6	H	3.50	20/3	A						SPACE	32
33						B					SPACE	34
35							C				SPACE	36
37	DUCT HEATER DH1-7	H	3.50	20/3	A						SPACE	38
39						B					SPACE	40
41							C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD				34.00						34.00 KVA 94.37 A
DEMAND LOAD				34.00						34.00 KVA 94.37 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

CONSULTANT'S STAMP

ROGER W. KAAL — STATE OF WASHINGTON — 19798 — REGISTERED PROFESSIONAL ENGINEER — 10/27/2022

BUILDING DEPARTMENT'S STAMP

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

PHASE

Permit Set

DATE

10/27/2022

REVISIONS

No.	Description	Date

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SHEET NO.

E6.01

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Project Number

PRCTI20221698

PANEL M2

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 400 A | MAIN BKR 400A | AIC 65K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	**ODU1** 41 MCA	M	11.82	60/3	A			25/2	1.83	M	**AC1-2B AC1-2A** 11 MCA	2
3	MD-1 ROOF					B					MDF	4
5							C	25/2	1.83	M	**AC2-1B AC2-1A** 11 MCA	6
7	**ODU1** 41 MCA	M	11.82	60/3	A						IDF	8
9	MD-2 ROOF					B		20/1	0.18	R	REC ROOF	10
11							C	20/1	0.18	R	REC ROOF	12
13	**ODU2** 41 MCA	M	11.82	60/3	A			20/1	0.18	R	REC ROOF	14
15	MD-1 ROOF					B		20/1	0.18	R	REC ROOF	16
17							C				SPACE	18
19	**ODU2** 41 MCA	M	11.82	60/3	A						SPACE	20
21	MD-2 ROOF					B					SPACE	22
23							C				SPACE	24
25	**PANEL-M2A**	SF	7.14	100/3	A						SPACE	26
27						B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
BRANCH		0.72	50.93						11.82	51.65 KVA 143.36 A
PANEL M2A			7.14						0.73	7.14 KVA 19.82 A
										KVA A
										KVA A
CONN LOAD		0.72	58.07						11.82	58.79 KVA 163.18 A
DEMAND LOAD		0.72	58.07						2.95	61.74 KVA 171.37 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

PANEL M2A

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN LUGS | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	**FCU2-1** 4.38 MCA	M	0.729	15/2	A			15/2	0.040	M	**FCU2-11** 0.24 MCA	2
3						B						4
5	**FCU2-2** 4.25 MCA	M	0.707	15/2			C	15/2	0.729	M	**FCU2-12** 4.38 MCA	6
7					A							8
9	**FCU2-3** 4.38 MCA	M	0.729	15/2		B		15/2	0.479	M	**FCU2-13** 2.88 MCA	10
11							C					12
13	**FCU2-4** 2.94 MCA	M	0.489	15/2	A			15/2	0.729	M	**FCU2-14** 4.38 MCA	14
15						B						16
17	**FCU2-5** 0.24 MCA	M	0.040	15/2			C	15/2	0.729	M	**FCU2-15** 4.38 MCA	18
19					A							20
21	**FCU2-6** 4.18 MCA	M	0.696	15/2		B		15/2	0.040	M	**FCU2-16** 0.24 MCA	22
23							C					24
25	**FCU2-7** 0.24 MCA	M	0.040	15/2	A			15/2	0.198	M	**BC2-1**	26
27						B			0.198	M	**BC2-2**	28
29	**FCU2-8** 0.24 MCA	M	0.040	15/2			C	15/2			SPARE	30
31					A							32
33	**FCU2-9** 2.94 MCA	M	0.489	15/2		B		15/2			SPARE	34
35							C					36
37	**FCU2-10** 0.24 MCA	M	0.040	15/2	A			15/2			SPARE	38
39						B						40
41	SPARE			20/1			C	20/1			SPARE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD			7.14						0.73	7.14 KVA 19.82 A
DEMAND LOAD			7.14						0.18	7.32 KVA 20.32 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS — FLUSH

PANEL M3

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN BKR 200A | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	**ERV2-2** 55.8 MCA	M	16.08	60/3	A			60/3	16.08	M	**ERV2-4** 55.8 MCA	2
3	ROOF					B					ROOF	4
5							C					6
7	**ERV2-3** 55.8 MCA	M	16.08	60/3	A			20/1	0.18	R	REC ROOF	8
9	ROOF					B		20/1	0.18	R	REC ROOF	10
11							C	20/1	0.18	R	REC ROOF	12
13	SPACE				A						SPACE	14
15	SPACE					B					SPACE	16
17	SPACE						C				SPACE	18
19	SPACE				A						SPACE	20
21	SPACE					B					SPACE	22
23	SPACE						C				SPACE	24
25	SPACE				A						SPACE	26
27	SPACE					B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD		0.54	48.25						16.08	48.79 KVA 135.41 A
DEMAND LOAD		0.54	48.25						4.02	52.81 KVA 146.57 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL 1P

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN BKR 200A | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	WH-1 LEVEL 1	WH	12.3	50/3	A			50/3	13.50	WH	WH-2 LEVEL 2	2
3						B						4
5							C					6
7	CP-1 0.5HP	M	1.18	20/1	A			20/1	1.18	M	CP-2	8
9	TP-01	M	0.10	20/1		B		20/1			SPARE	10
11	SPARE			20/1			C	20/1			SPARE	12
13	SPARE			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	SPACE				A						SPACE	26
27	SPACE					B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD			2.46		25.80				1.18	28.26 KVA 78.44 A
DEMAND LOAD			2.46		25.80				0.30	28.56 KVA 79.26 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL DP

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 600 A | MAIN BKR 600A | AIC 65K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	PANEL-2A	SF	36.72	200/3	A			110/3	30.00	D	AUTO CLAVE	2
3						B						4
5							C					6
7	PANEL-2B	SF	30.96	200/3	A			100/3			SPARE	8
9						B						10
11							C					12
13	PANEL-2C	SF	32.88	200/3	A			100/3			SPARE	14
15						B						16
17							C					18
19	SPACE				A						SPACE	20
21	SPACE					B					SPACE	22
23	SPACE						C				SPACE	24
25	SPACE				A						SPACE	26
27	SPACE					B					SPACE	28
29	SPACE						C				SPACE	30
31	SPACE				A						SPACE	32
33	SPACE					B					SPACE	34
35	SPACE						C				SPACE	36
37	SPACE				A						SPACE	38
39	SPACE					B					SPACE	40
41	SPACE						C				SPACE	42

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
BRANCH						30.00				30.00 KVA 83.27 A
PANEL-2A		36.72								36.72 KVA 101.92 A
PANEL-2B		30.96								30.96 KVA 85.94 A
PANEL-2C		32.88								32.88 KVA 91.27 A
										KVA A
										KVA A
										KVA A
CONN LOAD		100.56				30.00				130.56 KVA 362.40 A
DEMAND LOAD		55.28				30.00				85.28 KVA 236.71 A

SERVICE ENTRANCE — X SURFACE
INTEGRAL TVSS

PANEL 2A

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN BKR 200A | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	REC EMER/CONSULT223	R	1.38	20/1	A			20/1	1.38	R	REC EMER/CONSULT211	2
3	REC EMER/CONSULT223	R	0.54	20/1		B		20/1	0.54	R	REC EMER/CONSULT211	4
5	REC EMER/CONSULT224	R	1.38	20/1			C	20/1	1.38	R	REC EMER/CONSULT212	6
7	REC EMER/CONSULT224	R	0.54	20/1	A			20/1	0.54	R	REC EMER/CONSULT212	8
9	REC EMER/CONSULT225	R	1.38	20/1		B		20/1	1.38	R	REC EMER/CONSULT213	10
11	REC EMER/CONSULT225	R	0.54	20/1			C	20/1	0.54	R	REC EMER/CONSULT213	12
13	REC EMER/CONSULT226	R	1.38	20/1	A			20/1	1.38	R	REC EMER/CONSULT208	14
15	REC EMER/CONSULT226	R	0.54	20/1		B		20/1	0.54	R	REC EMER/CONSULT208	16
17	REC TELE HEALTH 211	R	0.18	20/1			C	20/1	1.38	R	REC EMER/CONSULT209	18
19	REC TELE HEALTH 212	R	0.18	20/1	A			20/1	0.54	R	REC EMER/CONSULT209	20
21	REC PROVIDER POD220	R	0.72	20/1		B		20/1	1.38	R	REC EMER/CONSULT210	22
23	REC PROVIDER POD220	R	0.72	20/1			C	20/1	0.54	R	REC EMER/CONSULT210	24
25	REC PROVIDER POD220	R	0.72	20/1	A			20/1	0.72	R	REC PROVIDER POD207	26
27	REC PROVIDER POD220	R	0.72	20/1		B		20/1	0.72	R	REC PROVIDER POD207	28
29	REC PROVIDER POD220	R	0.72	20/1			C	20/1	0.72	R	REC PROVIDER POD207	30
31	REC PROVIDER POD220	R	0.72	20/1	A			20/1	0.72	R	REC PROVIDER POD207	32
33	REC PROVIDER POD220	R	0.72	20/1		B		20/1	0.72	R	REC PROVIDER POD207	34
35	REC PROVIDER POD220	R	0.72	20/1			C	20/1	0.72	R	REC PROVIDER POD207	36
37	REC PROVIDER POD220	R	0.72	20/1	A			20/1	0.72	R	REC PROVIDER POD207	38
39	REC PROVIDER POD220	R	0.72	20/1		B		20/1	0.36	R	REC PROVIDER POD207	40
41	REC PROVIDER POD220	R	0.36	20/1			C	20/1	0.36	R	REC PROVIDER POD207	42
43	REC PROVIDER POD220	R	0.36	20/1	A			20/1	0.36	R	REC FREE 217	44
45	REC CAHRGING SUPPLY	R	0.36	20/1		B		20/1	0.36	R	REC FREE 218	46
47	REC IDF 216	R	0.18	20/1			C	20/1	0.36	R	REC FREE 219	48
49	REC IDF 216	R	0.18	20/1	A			20/1	0.18	R	REC ROOM	50
51	REC IDF 216	R	1.50	30/2		B		20/1			SPARE	52
53							C	30/2			SPARE	54
55	SPARE			20/1	A						SPARE	56
57	SPARE			20/1		B		20/1			SPARE	58
59	SPARE			20/1			C	20/1			SPARE	60

LOAD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
CONN. LOAD		36.72								36.72 KVA 101.92 A
DEMAND LOAD		23.36								23.36 KVA 64.84 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL 2B

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN BKR 200A | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	REC WORK 202	R	0.72	20/1	A			20/1	1.38	R	REC EMER/CONSULT256	2
3	REC WORK 202	R	0.90	20/1		B		20/1	0.54	R	REC EMER/CONSULT256	4
5	REC WORK 202	R	0.18	20/1			C	20/1	1.38	R	REC EMER/CONSULT255	6
7	REC RECEPT	R	1.08	20/1	A			20/1	0.54	R	REC EMER/CONSULT255	8
9	REC RECEPT	R	1.08	20/1		B		20/1	1.38	R	REC PROCEDURE 254	10
11	REC RECEPT	R	0.72	20/1			C	20/1	0.54	R	REC PROCEDURE 254	12
13	REC RECEPT	R	0.18	20/1	A			20/1	1.38	R	REC EMER/CONSULT257	14
15	REC OFFICE 203	R	0.72	20/1		B		20/1	0.54	R	REC EMER/CONSULT257	16
17	REC OFFICE 204	R	0.36	20/1			C	20/1	1.38	R	REC EMER/CONSULT258	18
19	REC OFFICE 204	R	0.36	20/1	A			20/1	0.54	R	REC EMER/CONSULT258	20
21	REC DENTAL FLEX206	R	0.36	20/1		B		20/1	1.38	R	REC EMER/CONSULT259	22
23	REC DENTAL FLEX206	R	0.36	20/1			C	20/1	0.54	R	REC EMER/CONSULT259	24
25	REC HALL	R	0.54	20/1	A			20/1	0.72	R	REC PROVIDER POD253	26
27	REC BLOOD	R	0.18	20/1		B		20/1	0.72	R	REC PROVIDER POD253	28
29	REC LAB263	R	0.72	20/1			C	20/1	0.72	R	REC PROVIDER POD253	30
31	REC LAB263	R	0.72	20/1	A			20/1	0.72	R	REC PROVIDER POD253	32
33	REC LAB263	R	0.72	20/1		B		20/1	0.72	R	REC PROVIDER POD253	34
35	REC SPEC RR266 267	R	0.36	20/1			C	20/1	0.72	R	REC PROVIDER POD253	36
37	REC NUTR INFANT 262	R	0.18	20/1	A			20/1	0.18	R	REC PROVIDER POD253	38
39	REC STOR261	R	0.18	20/1		B		20/1	0.18	R	REC PROVIDER POD253	40
41	REC FOSTER ADOP 260	R	0.36	20/1			C	20/1	0.54	R	REC RR 214 215	42
43	REC FOSTER ADOP 260	R	0.36	20/1	A			20/1	0.36	R	REC HALL	44
45	REC HALL	R	0.54	20/1		B		20/1	0.54	R	REC HALL	46
47	REC HALL	R	0.36	20/1			C	20/1			SPARE	48
49	REC RR WAITING	R	0.54	20/1	A			20/1			SPARE	50
51	REC LANDING	R	0.36	20/1		B		20/1			SPARE	52
53	REC JAN236	R	0.18	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

AD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
IN. LOAD		30.96								30.96 KVA 85.94 A
AND LOAD		20.48								20.48 KVA 56.85 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

PANEL 2C

LOCATION LEVEL 2 | 208/120 V | 3 P | 4 W | 225 A | MAIN BKR 200A | AIC 22K

NO	LOAD	TYPE	KVA	A/P				A/P	KVA	TYPE	LOAD	NO
1	REC EMER/CONSULT227	R	1.38	20/1	A			20/1	1.38	R	REC EMER/CONSULT241	2
3	REC EMER/CONSULT227	R	0.54	20/1		B		20/1	0.54	R	REC EMER/CONSULT241	4
5	REC EMER/CONSULT228	R	1.38	20/1			C	20/1	1.38	R	REC EMER/CONSULT242	6
7	REC EMER/CONSULT228	R	0.54	20/1	A			20/1	0.54	R	REC EMER/CONSULT242	8
9	REC EMER/CONSULT229	R	1.38	20/1		B		20/1	1.38	R	REC EMER/CONSULT243	10
11	REC EMER/CONSULT229	R	0.54	20/1			C	20/1	0.54	R	REC EMER/CONSULT243	12
13	REC EMER/CONSULT237	R	1.38	20/1	A			20/1	1.38	R	REC EMER/CONSULT244	14
15	REC EMER/CONSULT237	R	0.54	20/1		B		20/1	0.54	R	REC EMER/CONSULT244	16
17	REC EMER/CONSULT238	R	1.38	20/1			C	20/1	0.18	R	REC TELE HEALTH 245	18
19	REC EMER/CONSULT238	R	0.54	20/1	A			20/1	0.18	R	REC TELE HEALTH 246	20
21	REC EMER/CONSULT239	R	1.38	20/1		B		20/1	0.72	R	REC PROVIDER POD240	22
23	REC EMER/CONSULT239	R	0.54	20/1			C	20/1	0.72	R	REC PROVIDER POD240	24
25	REC KITCHENETTE233	R	0.36	20/1	A			20/1	0.72	R	REC PROVIDER POD240	26
27	REC KITCHENETTE233	R	0.36	20/1		B		20/1	0.72	R	REC PROVIDER POD240	28
29	REC KITCHENETTE233	R	0.36	20/1			C	20/1	0.72	R	REC PROVIDER POD240	30
31	REC CLEAN 232	R	0.18	20/1	A			20/1	0.72	R	REC PROVIDER POD240	32
33	REC DIRTY 231	R	0.18	20/1		B		20/1	0.72	R	REC PROVIDER POD240	34
35	REC RR230	R	0.18	20/1			C	20/1	0.72	R	REC PROVIDER POD240	36
37	REC MED 271	R	0.36	20/1	A			20/1	0.72	R	REC PROVIDER POD240	38
39	REC ELEC 270	R	0.18	20/1		B		20/1	0.72	R	REC PROVIDER POD240	40
41	REC HALL STOR272	R	0.54	20/1			C	20/1	0.36	R	REC PROVIDER POD240	42
43	REC HALL	R	0.36	20/1	A			20/1	0.36	R	REC PROVIDER POD240	44
45	SPARE			20/1		B		20/1	0.90	R	REC CONSULT 250	46
47	SPARE			20/1			C	20/1	0.72	R	REC OFFICE 251	48
49	SPARE			20/1	A			20/1	0.72	R	REC OFFICE 252	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

AD TYPE	L	R	M	H	WH	D	A	K	LM	TOTAL
IN. LOAD		32.88								32.88 KVA 91.27 A
AND LOAD		21.44								21.44 KVA 59.51 A

SERVICE ENTRANCE — X SURFACE
X INTEGRAL TVSS — FLUSH

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

CONSULTANT'S STAMP

ROGER W. KAAL — STATE OF WASHINGTON — 19798 — REGISTERED PROFESSIONAL ENGINEER
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No.	Description	Date

SHEET TITLE

ELECTRICAL
PANEL
SCHEDULES

SHEET NO.

E6.02

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Project Number

PRCTI20221698

PLUMBING GENERAL NOTES:

GENERAL:

1. COORDINATE ALL PLUMBING WORK WITH ELECTRICAL, ARCHITECTURAL, STRUCTURAL, CIVIL AND LANDSCAPE WORK. PROVIDE ADDITIONAL OFFSETS FOR COORDINATED INSTALLATION WHERE REQUIRED.
2. COORDINATE ALL PLUMBING WORK PRIOR TO INSTALLATION. DUCTWORK AND EQUIPMENT ACCESS TAKES PRECEDENCE OVER PIPING FOR AVAILABLE SPACE.
3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
4. COORDINATE EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE PIPING DIMENSIONS BEFORE FABRICATION.
5. PROVIDE 4" MINIMUM CONCRETE BASES (HOUSEKEEPING PADS) UNDER FLOOR MOUNTED PLUMBING EQUIPMENT.
6. PROVIDE MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION OF PLUMBING SYSTEMS.
7. LOCATE VALVES, WATER HAMMER ARRESTERS, CLEANOUTS, CONTROLS AND SIMILAR COMPONENTS SO THAT THEY ARE ACCESSIBLE. PROVIDE ACCESS DOORS FOR MECHANICAL EQUIPMENT INSTALLED BEHIND WALLS, ABOVE INACCESSIBLE CEILINGS AND BELOW FLOORS. COORDINATE ACCESS DOOR LOCATIONS WITH ARCHITECT.
8. COORDINATE ATTACHMENTS TO STRUCTURE TO VERIFY THAT ATTACHMENT POINTS ON EQUIPMENT AND STRUCTURE CAN ACCEPT SEISMIC, WEIGHT, AND OTHER LOADS IMPOSED.
9. MAINTAIN INDICATED FIRE AND SMOKE RATING OF WALLS, PARTITIONS, CEILINGS, AND FLOORS AT MECHANICAL PENETRATIONS. SEAL PENETRATIONS WITH FIRESTOP MATERIAL. PROVIDE MATERIAL IN ACCORDANCE WITH ASTM E 814 AND UL 1479 3M OR APPROVED.
10. LOCATIONS AND SIZES OF FLOOR, WALL, AND ROOF OPENINGS SHALL BE COORDINATED WITH OTHER TRADES INVOLVED. INCLUDE IN THE COST OF MECHANICAL WORK, CUTTING, CORING, PATCHING AND PAINTING OF WALLS, CEILINGS, FLOORS AND ROOFS AS REQUIRED TO ACCOMMODATE WORK AS INDICATED IN THE MECHANICAL CONTRACT DOCUMENTS, UNLESS SPECIFICALLY SHOWN ON ARCHITECTURAL DRAWINGS.
11. PROVIDE ELASTOMERIC FOAM MATERIAL ON MECHANICAL EQUIPMENT THAT PRESENT A SAFETY HAZARD. PAINT FOAM MATERIAL WHITE.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFEKEEPING OF HIS OWN PROPERTY ON THE JOB SITE. OWNER ASSUMES NO RESPONSIBILITY FOR PROTECTION OF PROPERTIES AGAINST FIRE, THEFT AND ENVIRONMENTAL CONDITIONS.
13. CLEAN THE JOB SITE DAILY AND REMOVE FROM THE PREMISES ANY DIRT AND DEBRIS CAUSE BY THE PERFORMANCE OF THE WORK INCLUDED IN THIS CONTRACT. BEFORE SUBSTANTIAL COMPLETION, CLEAN EQUIPMENT, FIXTURES, EXPOSED DUCTS, PIPING AND SIMILAR ITEMS.
14. PROVIDE EQUIPMENT THAT FITS INTO THE SPACE ALLOTTED AND ALLOWS ADEQUATE ACCEPTABLE CLEARANCE FOR INSTALLATION, REPLACEMENT, ENTRY, SERVICING AND MAINTENANCE. COORDINATE WITH OTHER TRADES TO ENSURE NO CONFLICT WITH REQUIRED CLEARANCES.
15. PROVIDE OFFSETS IN PIPING WHERE PLUMBING/PIPING WALL IS LOCATED DIRECTLY ABOVE STRUCTURE. OFFSET PIPING INTO CASEWORK OR SHAFT TIGHT TO WALL AND BACK INTO WALL ONCE BELOW STRUCTURE. REFER TO STRUCTURAL DRAWINGS.
16. BUILDING SPACE IS LIMITED. STRONG ATTENTION TO DETAIL AND CARE MUST BE TAKEN WHEN DEVELOPING SHOP DRAWING SO ROUTING IS COORDINATED WITH OTHER DISCIPLINES. ALL EXPOSED SYSTEMS ROUTING REQUIRES APPROVAL OF ARCHITECT.
17. STANDARD CURRENT TRADE PRACTICES & METHODS APPLY TO THIS PROJECT. ALL WORK IS TO MEET REQUIREMENTS OF ALL CURRENT CODE & LOCAL JURISDICTIONAL REQUIREMENTS AND AMENDMENTS. THESE CODES INCLUDE BUT ARE NOT LIMITED TO WASHINGTON STATE ENERGY CODE, INTERNATIONAL MECHANICAL CODE, INTERNATIONAL BUILDING CODE, UNIFORM PLUMBING CODE, NFPA, INTERNATIONAL FIRE CODE, & LOCAL JURISDICTIONAL REQUIREMENTS. COMPLY WITH ALL MANUFACTURER'S REQUIREMENTS. COORDINATE WITH OWNER'S REPRESENTATIVE FOR ANY VARIANCES.
18. DRAWINGS ARE DIAGRAMMATIC ONLY & NOT INTENDED TO SHOW ALL DETAILS OF THE WORK. VERIFY LOCATION & MEASUREMENTS OF ALL ITEMS ON THE JOB SITE PRIOR TO INSTALLATION. CONTRACTOR SHALL PROVIDE ALL OFFSETS & ADDITIONAL PIPING AS NECESSARY TO AVOID STRUCTURAL ELEMENTS ON THE PROJECT. CONTRACTOR SHALL PRODUCE SHOP DRAWINGS & COORDINATE WITH OTHER TRADES. THERE SHALL BE NO ADDITIONAL COST TO THE OWNER FOR THIS COORDINATION OR FOR EXTRA MATERIAL REQUIRED IN ORDER TO ACCOMPLISH THIS TASK.
19. ALL EQUIPMENT SHALL BE REGULARLY CATALOGED ITEMS OF THE MANUFACTURER & SHALL BE SUPPLIED AS A COMPLETE UNIT IN ACCORDANCE WITH THE MANUFACTURER'S STANDARD SPECIFICATIONS. ANY OPTIONAL ITEMS REQUIRED FOR PROPER INSTALLATION SHALL BE INCLUDED UNLESS OTHERWISE NOTED.
20. ANY CUTTING, PATCHING & PAINTING OF BUILDING ELEMENTS & FINISHED SURFACES IS TO BE DONE BY THE GENERAL CONTRACTOR.
21. ALL APPLIANCES DESIGNED TO BE FIXED IN POSITION SHALL BE SECURELY FASTENED IN PLACE.
22. ALL EQUIPMENT SHALL BE LABELED PER PLANS.
23. RATING OF ACCESS DOORS AND/OR ACCESS PANELS THROUGH FIRE-RATED WALLS, SHAFTS, CEILINGS, ETC., MUST EQUAL THE FIRE RATING OF THE MATERIAL PENETRATED.
24. CAULK & FLASH ALL PENETRATIONS PER CODE.
25. PROVIDE OPERATING & MAINTENANCE MANUALS (O&MS), RECORD DRAWINGS, & OWNER TRAINING IN ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE.
26. PROVIDE NATIONAL ELECTRICAL CODE (NEC) MINIMUM WORKING CLEARANCE IN FRONT OF ANY ELECTRICAL PANEL, INCLUDING PANELS ON EQUIPMENT. RE-ROUTE OR OFFSET PIPING AS REQUIRED.
27. DOMESTIC HOT WATER CIRCULATORS SHALL BE CONTROLLED BY AN AQUASTAT, & SHALL SHUT DOWN WHEN WATER TEMPERATURE IS AT SETPOINT. DOMESTIC HOT WATER CIRCULATION SHALL HAVE SHUT-OFF CAPACITY BASED ON OCCUPANCY AND PERIODS OF DEMAND.
28. DOMESTIC PIPING SHALL BE INSULATED IN ACCORDANCE WITH THE WASHINGTON STATE ENERGY CODE. DOMESTIC HOT WATER PIPE INSULATION SHALL BE K=0.24, 1" THICK, EXCEPT RUNOUTS UP TO 12' SHALL BE 1/2"THICK. DOMESTIC COLD WATER PIPE INSULATION SHALL BE K=0.24, 1" THICK FOR PIPING LARGER THAN 1", & 1/2" THICK FOR PIPING 1" & LESS & RUNOUTS LESS THAN 2" DIAMETER UP TO 12'. INCREASE THICKNESS BY 1/2" FOR PIPING EXPOSED DIRECTLY TO OUTDOOR CONDITIONS.
29. PROVIDE COMMISSIONING OF THE WATER SERVICE SYSTEM. INCLUDE FUNCTIONAL TESTING OF OPERATION & TEST PROCEDURES PER WASHINGTON STATE ENERGY CODE. ITEMS TO BE COMMISSIONED ARE: CONTROL DEVICES, PUMPS PROVIDE PRELIMINARY AND FINAL COMMISSIONING REPORTS. SUBMIT FIGURE C408.1.2.1 COMPLIANCE CHECKLIST FROM WASHINGTON STATE ENERGY CODE TO AUTHORITY HAVING JURISDICTION UPON COMPLETION OF PRELIMINARY COMMISSIONING REPORT. PROVIDE CLOSEOUT DOCUMENTS IN COMPLIANCE WITH C103.6
30. SERVICE WATER PIPING INSULATION CONDUCTIVITY IS NOT TO EXCEED 0.27 BTU PER INCH/H*SQ.FT*DEGREE F
    INSULATION THICKNESS SHALL BE PER TABLE C403.2.9.
31. PROTECT PIPING INSULATION PER REQUIREMENTS OF THE WSEC, SECTION C403.2.9.1.
32. PROVIDE WATER SYSTEM BALANCING DEVICES, INCLUDING ISOLATION VALVES, BALANCING VALVES, AND FLOW
    MEASURING DEVICES AS SHOWN ON PLANS.

PLUMBING GENERAL NOTES:

PLUMBING:

1. DOMESTIC WATER TUBE, PIPE, FITTINGS, JOINING MATERIALS, SPECIALTIES, PLUMBING EQUIPMENT, PLUMBING FIXTURES, PLUMBING FITTINGS AND ALL OTHER APPURTENANCES IN CONTACT WITH DRINKING WATER SHALL BE LEAD-FREE EXCEPT THOSE EXPLICITLY EXEMPTED IN SECTION 3874 OF THE SAFE WATER DRINKING ACT. LEAD-FREE SHALL MEAN (A) NOT CONTAINING MORE THAN 0.2 PERCENT LEAD WHEN USED WITH RESPECT TO SOLDER AND FLUX; AND (B) NOT MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO WETTED SURFACES OF DOMESTIC WATER TUBE, PIPE, FITTINGS, JOINING MATERIALS, SPECIALTIES, PLUMBING EQUIPMENT, PLUMBING FIXTURES, AND PLUMBING FITTINGS.
2. PROVIDE WATER HAMMER ARRESTORS IN DOMESTIC WATER PIPING IN ACCORDANCE WITH PDI-WH 201.
3. PROVIDE LINE SIZE STRAINER UPSTREAM OF EACH BACKFLOW PREVENTER, WATER PRESSURE REDUCING VALVE, CONTROL VALVE, SOLENOID VALVE AND PUMP. PROVIDE SHUTOFF VALVE ON EACH SIDE OF STRAINER.
4. VALVES, EXPANSION FITTINGS/LOOPS, AND PIPING SPECIALTIES SHALL BE FULL SIZE OF PIPE UNLESS NOTED OTHERWISE.
5. PROVIDE TRAP PRIMER FOR ALL FLOOR DRAINS, FLOOR SINKS, AND AIR GAP DRAIN TRAPS.

PIPING:

1. VALVES SHALL BE INSTALLED SO THAT VALVE REMAINS IN SERVICE WHEN EQUIPMENT OR PIPING ON EQUIPMENT SIDE OF VALVE IS REMOVED.
2. ALL VALVES (EXCEPT CONTROL VALVES) AND STRAINERS SHALL BE FULL SIZE OF PIPE BEFORE REDUCING SIZE TO MAKE CONNECTIONS TO EQUIPMENT AND CONTROLS.
3. PROVIDE UNIONS AND/OR FLANGES AT EACH PIECE OF EQUIPMENT, AT EACH CONTROL VALVE, IN BYPASSES, AND IN LONG PIPING RUNS (100 FEET OR MORE) TO PERMIT DISASSEMBLY FOR ALTERATION AND REPAIRS.
4. PROVIDE FLEXIBLE CONNECTORS IN PIPING SYSTEMS CONNECTED TO EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION.

PLUMBING GENERAL NOTE:

PLUMBING:

1. OXYGEN AND NITROUS OXIDE GAS PIPING SHALL BE COPPER TYPE K AND SHALL BE INSTALLED BY A CERTIFIED INSTALLER.
   PROVIDE THIRD PARTY TESTING AND INSPECTION PER THE REQUIREMENTS OF THE 2018 UPC CHAPTER 13 WITH ALL
   WASHINGTON STATE AMENDMENTS.

1

PLUMBING ABBREVIATIONS

ABBREV.	DESCRIPTION
Ø	DIAMETER, PHASE
A	AIR
AAV	AUTOMATIC AIR VENT
ABV	ABOVE
AD	AREA DRAIN, ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ALT	ALTERNATE
APPROX	APPROXIMATE
ARCH	ARCHITECT
ASHRAE	AMERICAN SOCIETY OF HEATING, REFRIGERATION AND AIR-CONDITIONING ENGINEERS, INC.
ATM	ATMOSPHERE
BLDG	BUILDING
BLW	BELOW
BOP	BOTTOM OF PIPE
BOT	BOTTOM
CAP	CAPACITY
CLG	CEILING
CO	CLEANOUT
CONN	CONNECTION
CW	DOMESTIC COLD WATER
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DWG	DRAWING
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
EQUIP	EQUIPMENT
ET	EXPANSION TANK
°F	DEGREES FAHRENHEIT
FC	FLEXIBLE CONNECTOR
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FLR	FLOOR
FT	FEET, FINNED TUBE
FV	FACE VELOCITY
G	GAS
HB	HOSE BIBB
HP	HEAT PUMP, HORSEPOWER
HR	HOUR
HT	HEIGHT
HW	DOMESTIC HOT WATER
HWC	DOMESTIC HOT WATER CIRCULATING
I.E.	INVERT ELEVATION
IN	INCH
LAV	LAVATORY
LB	POUND
MECH	MECHANICAL
MED	MEDIUM
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MS	MOP SINK
MTD	MOUNTED
(N)	NEW
NA	NOT APPLICABLE
NO.	NUMBER
NTS	NOT TO SCALE
POC	POINT OF CONNECTION
RM	ROOM
SPEC	SPECIFICATION
SUP	SUPPLY
TAB	TESTING, ADJUSTING AND BALANCING
TEMP	TEMPERATURE
TYP	TYPICAL
V	VENT, VOLTS
VEL	VELOCITY
VTR	VENT THRU ROOF
W	WASTE, WATT, WIDTH
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
W/O	WITHOUT
WSEC	WASHINGTON STATE ENERGY CODE

NOTE:
ALL HOT AND COLD WATER PIPING, SANITARY WASTE AND VENT PIPING, HVAC CONTROL SYSTEM AND CONDUIT PENETRATIONS OF FIRE-RESISTANT RATED AND SMOKE-RESISTANT RATED HORIZONTAL AND VERTICAL ASSEMBLIES SHALL BE PROTECTED BY APPROVED, LISTED PENETRATION SYSTEMS IN ACCORDANCE WITH 2018 IBC, SECTION 714.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2702 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.trieswest.com

CONSULTANT'S STAMP

DAVID M. MOORE — STATE OF WASHINGTON — 19281 — REGISTERED PROFESSIONAL ENGINEER

1-9-23

BUILDING DEPARTMENT'S STAMP

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PRCTI20221698

PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	COLD WATER (CW)		TRIPLE DUTY VALVE
	HOT WATER (HW)		2-WAY CONTROL VALVE
	HOT WATER CIRC (HWC)		3-WAY CONTROL VALVE
	WASTE OR SAN. SEWER		4-WAY CONTROL VALVE
GW	GREASE WASTE (GW)		SOLENOID VALVE
	VENT (V)	OR	BALANCING VALVE
OW	OIL WASTE (OW)		REDUCER
SD	STORM DRAIN		STRAINER
	FIRE MAIN/FIRE SPRINKLER PIPING		UNION
	PIPE DOWN		PLUG VALVE
	PIPE UP		PETE'S PLUG
	BRANCH - TOP CONNECTION		FLOW STATION
	BRANCH - BOTTOM CONNECTION		FLOW CONTROL VALVE
	BRANCH - SIDE CONNECTION		THRUST BLOCK (TB)
	CAP END OF PIPE	OR	DRAIN VALVE WITH HOSE CONNECTION OR HOSE BIBB
	FLOW DIRECTION	BFP	BACKFLOW PREVENTER ASSEMBLY
	FLUSH CLEANOUT (FCO) OR SURFACE CLEANOUT (SCO) AS INDICATED		FLOOR DRAIN (FD)
	WALL CLEANOUT (WCO)		FLOOR & FUNNEL DRAIN (F&FD)
	CLEANOUT (CO)		ROOF/OVERFLOW/DECK DRAIN (RD, OD & DD)
DS	DOWNSPOUT		PIPE ANCHOR
	VENT THRU ROOF (VTR)		PIPE GUIDE
	GATE VALVE (GV)		FLEXIBLE CONNECTION (PIPE)
	GLOBE VALVE		AUTOMATIC OR MANUAL AIR VENT (AAV, MAV)
	VALVE IN RISER		VACUUM BREAKER
	BUTTERFLY VALVE		PRESSURE GAUGE
	PRESSURE REDUCING VALVE (PRV)		THERMOMETER
	CHECK VALVE (CV)		EXPANSION JOINT
	TEMPERATURE / PRESSURE RELIEF VALVE (T&PV)		EXPANSION LOOP
	BALL VALVE (BV)	M	METER
	FREEZEPROOF WALL HYDRANT (FWH) HOSE BIBB (HB)	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
AQ	AQUASTAT	(E)	EXISTING
OR	PUMP	M.C.	MECHANICAL CONTRACTOR
	RELIEF VALVE	E.C.	ELECTRICAL CONTRACTOR
	FLOAT VALVE	G.C.	GENERAL CONTRACTOR
	CIRCUIT SETTER		
	SUCTION DIFFUSER		

NOTES: NOT ALL SYMBOLS USED. REFER TO DRAWINGS.

TABLE C404.3.1 - HOT WATER PIPING VOLUME & MAXIMUM PIPE LENGTHS

NOMINAL PIPE SIZE (INCHES)	VOLUME (LIQUID OUNCES PER FOOT LENGTH)	MAXIMUM PIPING LENGTH (FEET)		REMARKS
		PUBLIC LAV FAUCETS	OTHER FIXTURES/APPLIANCES	
1/4"	0.33	6.0	50.0	
5/16"	0.50	4.0	50.0	
3/8"	0.75	3.0	50.0	
1/2"	1.50	2.0	43.0	
5/8"	2.00	1.0	32.0	
3/4"	3.00	0.5	21.0	
7/8"	4.00	0.5	16.0	
1"	5.00	0.5	13.0	
1-1/4"	8.00	0.5	8.0	
1-1/2"	11.00	0.5	6.0	
2"	18.00	0.5	4.0	

PIPING SYSTEMS INSULATION SCHEDULE

TYPE OF PIPE	INSTALLATION LOCATION	INSULATION (TYPE)	PIPE SIZE (INCHES)	INSULATION THICKNESS (INCHES)	NOTES
COLD PLUMBING PIPING	INSIDE BUILDING ENVELOPE	FIBERGLASS	ALL SIZES	1" THICK	NOTE 2
	OUTSIDE BUILDING ENVELOPE AND BURIED	ELASTOMERIC	ALL SIZES	MULTIPLE LAYERS FOR 1-1/2" TOTAL THICKNESS	NOTES 1, 2, 3, 4
HOT PLUMBING PIPING	INSIDE BUILDING ENVELOPE	FIBERGLASS	1-1/4 INCH AND SMALLER	1" THICK	NOTE 2
			1-1/2 INCH AND LARGER	1-1/2" THICK	NOTE 2
	OUTSIDE BUILDING ENVELOPE AND BURIED	ELASTOMERIC	ALL SIZES	MULTIPLE LAYERS FOR 2" TOTAL THICKNESS	NOTES 1, 2, 3, 4

NOTES:
1. INCREASE THICKNESS OF PIPE INSULATION BY 1/2 INCH WHERE PIPING IS LOCATED OUTDOORS OR OTHERWISE EXPOSED TO AMBIENT AIR.
2. INCLUDE PEX.
3. INCLUDE MULTI-PLY LAMINATE JACKET.
4. INCLUDE FACTORY APPLIED WEATHERABLE JACKET OR MANUFACTURER RECOMMENDED COATING.

WATER HAMMER ARRESTOR SIZING SCHEDULE (BELLOWS)

MARK	FIXTURE UNITS	SIZE	HYDROTROL MODEL NUMBER
A1	1-11	3/4"	5005
A2	12-32	1"	5010
A3	33-60	1"	5020
A4	61-113	1"	5030
A5	114-154	1"	5040

WATER HAMMER ARRESTOR SIZING SCHEDULE (PISTON)

MARK	FIXTURE UNITS	SIZE	PPP MODEL NUMBER
A1	1-11	1/2"	SC-500
A2	12-32	3/4"	SC-750
A3	33-60	1"	SC-1000
A4	61-113	1-1/4"	SC-1250
A5	114-154	1-1/2"	SC-1500

WATER SUPPLY NEW FIXTURE UNIT (WSFU) COUNT

ITEM	QTY.	FIXTURE UNIT EACH	TOTAL FIXTURE UNIT
WATER CLOSET FLUSH VALVE (First One)	1	40	40
WATER CLOSET FLUSH VALVE (Second One)	1	30	30
WATER CLOSET FLUSH VALVE (Third One)	1	20	20
WATER CLOSET FLUSH VALVE (Fourth One)	1	15	15
WATER CLOSET FLUSH VALVE (Additional)	11	10	110
URINAL	1	20	20
LAVATORY	14	1.0	14
SINK	25	1.5	37.5
DRINKING FOUNTAIN	1	0.5	0.5
MOP SINK	2	3.0	6
FREEZELESS WALL HYDRANT	1	2.5	2.5
FREEZELESS WALL HYDRANT (Additional)	2	1.0	2.5
TRAP PRIMER	2	2.5	5.0
TOTAL WATER SUPPLY FIXTURE UNIT COUNT:			303

1. CALCULATIONS WERE PERFORMED PER 2018 UPC CHAPTER 6 , TABLE 610.3.
2. PER 2018 UPC , CHAPTER 6, TABLE 610.4 BUILDING SUPPLY 303 FU REQUIRED 2-1/2".
   303 FU = 107 GPM = 2-1/2" PIPE AT 2PSI/100' PRESSURE DROP.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2302 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.1300
www.treswest.com

CONSULTANT'S STAMP

DAVID M. MYERS — STATE OF WASHINGTON — 43283 — REGISTERED PROFESSIONAL ENGINEER
10-24-22

BUILDING DEPARTMENT'S STAMP

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PLUMBING LEGEND AND SCHEDULES

SHEET NO.

P0.02

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2213

PRCTI20221698

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	FIXTURE	SERVICES W	SERVICES V	SERVICES CW	SERVICES HW	NOTES
P-1	WATER CLOSET	TYPE, MFR., MODEL: WALL HUNG, FLUSH VALVE; AMERICAN STANDARD "AFWALL" NO. 3351.128, EVERCLEAN SURFACE FLUSH VALVE: SLOAN "ROYAL" 111-ADA, 1.28-GALLON FLUSH. SEAT:OPEN FRONT, LESS COVER; BENEKE NO. 523SS/CH. HANGER: VERTICAL COMPACT SUPPORT. MISCELLANEOUS: FLUSH CONTROL SHALL BE MOUNTED FOR USE FROM WIDE SIDE OF WATER CLOSET AREA.	4"	2"	1-1/4"	-	
P-1A	WATER CLOSET ADA	TYPE, MFR., MODEL: WALL HUNG, FLUSH VALVE; AMERICAN STANDARD "AFWALL" NO. 3351.128, EVERCLEAN SURFACE FLUSH VALVE: SLOAN "ROYAL" 111-ADA, 1.28-GALLON FLUSH. SEAT:OPEN FRONT, LESS COVER; BENEKE NO. 523SS/CH. HANGER: VERTICAL COMPACT SUPPORT. MISCELLANEOUS: FLUSH CONTROL SHALL BE MOUNTED FOR USE FROM WIDE SIDE OF WATER CLOSET AREA. HANDICAPPED - MOUNTING HEIGHT FROM FLOOR TO TOP OF SEAT SHALL BE A MAXIMUM OF 19" AND MINIMUM OF 17"	4"	2"	1-1/4"	-	
P-1B	WATER CLOSET ADA	FLOOR-MOUNTED TWO-PIECE TANK TYPE, WITH ELONGATED BOWL, COMFORT HEIGHT, WATERSENSE LABELED, 1.28 GPF MANSFIELD SUMMIT 1.28 EL SMHT. SUPPLIES: REINFORCED PVC INNER HOSE WITH POLYMER-BRAIDED OUTER LAYER, CHROME-PLATED NUT, QUARTER-TURN ANGLE BALL STOP, NO LEAD; BRASSCRAFT SPEEDI-PLUMB PLUS OR EQUAL BY MCGUIRE OR EASTMAN. MISC:OPEN FRONT SEAT WITH CHECK HINGE, NO COVER MISCELLANEOUS: FLUSH CONTROL SHALL BE MOUNTED FOR USE FROM WIDE SIDE OF WATER CLOSET AREA. HANDICAPPED - MOUNTING HEIGHT FROM FLOOR TO TOP OF SEAT SHALL BE A MAXIMUM OF 19" AND MINIMUM OF 17"	3"	2"	1/2"	-	
P-2	URINAL ADA	WALL HUNG; VITREOUS CHINA, HEU URINAL SYSTEM, SLOAN, MODEL WEUS 1000.1001-0.13 FLUSH VALVE: MANUAL HEU FLUSHOMETER 0.13 GPF HANGER: INTEGRAL WITH FIXTURE CARRIER: ZURN FLOOR-MOUNTED PLATE TYPE SINGLE URINAL CARRIER WITH BEARING PLATE Z1222	2"	1-1/2"	1"	-	
P-3	LAVATORY ADA	WALL HUNG, 4" CENTERS, VITREOUS CHINA; AMERICAN STANDARD "LUCERNE" NO. 0355.012 FAUCET: CHICAGO FAUCETS MODEL NO 802-CP WITH 4" SPOUT, NO. E12VP 0.5 GPM VANDAL RESISTANT AERATOR; ADA COMPLIANT TRAPS & TAILPIECES: MCGUIRE, OR EQUAL, 1-1/2" CHROME-PLATED CAST BRASS P-TRAP AND TAILPIECE. SUPPLIES: LOOSE KEY QUARTER-TURN BALL STOP WITH FLEXIBLE BRAIDED STAINLESS STEEL RISERS; BRASSCRAFT MISC:PROVIDE INSULATION ON TRAP AND SUPPLIES PER SPECIFICATIONS	2"	1-1/2"	1/2"	1/2"	
P-3A	HAND WASH SINK	COUNTERTOP, SINGLE-COMPARTMENT, 304 18 GAUGE STAINLESS STEEL, 16"X16"X7 1/2" JUST US-1616-A. FAUCETS: 8" CENTERS, SINGLE WING HANDLES, GOOSENECK SPOUT, BASKET STRAINER. CHICAGO FAUCETS NO. 1100-GN8AE3-317AB. 1.5 GPM VANDAL RESISTANT AERATOR. TRAPS & TAILPIECES: MCGUIRE, OR EQUAL, 1-1/2" CHROME-PLATED CAST BRASS P-TRAP & TAILPIECE. SUPPLIES: LOOSE KEY QUARTER-TURN BALL STOP WITH FLEXIBLE BRAIDED STAINLESS STEEL RISERS; BRASSCRAFT MISC: PROVIDE ADA SHIELD, TRU-BRO BASIN GUARD OR EQUAL	2"	1-1/2"	1/2"	1/2"	
P-4	SINK ADA	COUNTERTOP, SINGLE-COMPARTMENT, 304 18 GAUGE STAINLESS STEEL, 17 1/2"X19"X6 1/2" JUST "STYLIST" SL-ADA-17519-A-GR. FAUCETS: 8" CENTERS, SINGLE WING HANDLES, GOOSENECK SPOUT, BASKET STRAINER. CHICAGO FAUCETS NO. 1100-GN8AE3-317AB. 1.5 GPM VANDAL RESISTANT AERATOR. TRAPS & TAILPIECES: MCGUIRE, OR EQUAL, 1-1/2" CHROME-PLATED CAST BRASS P-TRAP & TAILPIECE. SUPPLIES: LOOSE KEY QUARTER-TURN BALL STOP WITH FLEXIBLE BRAIDED STAINLESS STEEL RISERS; BRASSCRAFT MISC: PROVIDE ADA SHIELD, TRU-BRO BASIN GUARD OR EQUAL	2"	1-1/2"	1/2"	1/2"	
P-4A	SINK	DOUBLE-COMPARTMENT, 18 GAUGE STAINLESS STEEL, 25" X 16" X 5.5" DEEP WITH STAINLESS STEEL BASKET STRAINERS; JUST MODEL DL-ADA-1625-A-GR FAUCET: SINGLE-HANDLE DECK-MOUNT WITH ESCUTCHEON, 8" CENTERS, 1.5 GPM, CHROME; DELTA 100LF-HDF TRAP & TAILPIECE: MCGUIRE OR EQUAL, 1-1/2" CHROME PLATED CAST BRASS P-TRAP WITH CLEANOUT SUPPLIES: REINFORCED PVC INNER HOSE WITH POLYMER-BRAIDED OUTER LAYER, CHROME-PLATED NUT, QUARTER-TURN ANGLE BALL STOP, NO LEAD; BRASSCRAFT SPEEDI-PLUMB PLUS OR EQUAL BY MCGUIRE OR EASTMAN. MISC: PROVIDE ADA SHIELD, TRU-BRO BASIN GUARD OR EQUAL	2"	1-1/2"	1/2"	1/2"	
P-5	WATER COOLER	TYPE, MFR., MODEL: HI-LO WATER COOLER, STAINLESS STEEL BASIN (HANDICAPPED); ELKAY LZSTLG8WS, WITH FLEXI-GUARD STREAMSAVER BUBBLER, LEAD FREE, INNOVATIVE GREEN TICKER, TOUCHLESS BOTTLE FILLING STATION, PUSHBAR ACTIVATION, FILTRATION SYSTEM, ANTI-MICROBIAL PROTECTION, FILL RATE 1.1 GPM, 1 LAYING FLOOR DRAIN SYSTEM ELKAY CANE APRON #LKAPREZL MISCELLANEOUS: SPOUT HEIGHT FOR LOW FOUNTAIN TO BE MAX. 36" AFF. MEET ALL ADA REQUIREMENTS IN 2010 ADA STANDARDS AND ICCA117.1-2009	2"	1-1/2"	1/2"	-	
P-5A	WATER CONNECTION BOX	ICE MAKER OUTLET, 1/4" ANGLE VALVE IN BOX WITH EPOXY FINISH; GUY GRAY IMOB WITH WATER HAMMER ARRESTOR.	-	-	1/2"	-	
P-6	SERVICE SINK	TYPE, MFR., MODEL: FLOOR MOUNT, 24"X24", ONE PIECE, PRECAST TERRAZZO, MARBLE CHIPS ; FIAT NO. TSBC1610. FAUCET:ADJUSTABLE INLETS, VACUUM BREAKER SPOUT, PAIL HOOK WITH WALL SUPPORT, INTEGRAL STOPS, 3/4" HOSE THREAD OUTLET; CHICAGO FAUCETS NO. 897-CCP. TRAP & TAILPIECE: PROVIDED WITH UNDERGROUND WASTE PIPING. SUPPLIES: INTEGRAL TO FAUCET. MISCELLANEOUS: PROVIDE SERVICE SINK WITH FIAT NO. 832-AA, STAINLESS STEEL WALL GUARDS. 30" LONG 3/4" HOSE AND HOSE BRACKET AND NO. 889CC STAINLESS STEEL MOP HANGER. SEAL SEAM BETWEEN SERVICE SINK AND WALL WITH FIAT NO. 833-AA SILICONE SEALANT. FIAT 1453-BB FLAT STAINLESS STEEL STRAINER. FIAT E-77-AA VINYL BUMBER GUARD.	3"	2"	3/4"	3/4"	
P-7	FREEZELESS WALL HYDRANT	QUARTER-TURN, NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER AND STAINLESS STEEL BOX, LOOSE KEY, HINGED LOCKING COVER, ADJUSTABLE WALL CLAMP, NICKEL-BRONZE BOX FACE; JAY R SMITH 5509QT	-	-	3/4"	-	
FD-1	FLOOR DRAIN	J.R. SMITH FIGURE 2005	PER PLAN	PER PLAN	-	-	
FFD-1	FUNNEL FLOOR DRAIN	J.R. SMITH FIGURE 3510 MODIFIED WITH FIGURE 3581 FUNNEL	PER PLAN	PER PLAN	-	-	
FS-1	FLOOR SINK	ZURN: Z1751, J.R. SMITH FIGURE 3003	PER PLAN	PER PLAN	-	-	

TRAP PRIMER SCHEDULE

TAG	MAKE & MODEL	NUMBER OF OUTLETS	PIPE CONNECTIONS INLET	PIPE CONNECTIONS OUTLETS	ELEC V/Ø	REMARKS
TP-01	PPP, PRIME-TIME	4 - 12	3/4"	1/2"	120/1	NOTE 1

NOTES: 1. TRAP PRIMER MANIFOLD. RECESS MOUNT.

EXPANSION TANK SCHEDULE

UNIT NO.	MANUFACTURER	MODEL	SERVICE	VOLUME (GALLONS) TANK	VOLUME (GALLONS) ACCEPTANCE	DIMENSIONS (IN.) DIAMETER	DIMENSIONS (IN.) HEIGHT	OPERATIFNG WEIGHT (POUNDS)	NOTES
ET-1	AMTROL	ST-30VC	WH-1	14	9	16	19	150	1
ET-2	AMTROL	ST-30VC	WH-2	14	9	16	19	150	1

NOTES:
1. NSF RATED

PUMP SCHEDULE

UNIT NO	MFR	MODEL	SERVICE	TYPE	GPM	HEAD (FT)	ELECTRICAL CONNECTION HP	ELECTRICAL CONNECTION VOLT/PHASE	ELECTRICAL CONNECTION FLA	STARTER/ DISCONNECT BY	NOTES
CP-1	B&G	ECOCIRC+ 20-18	WH-1	IN-LINE	4	20	70W	120/1	1/2	E.C.	1,2,3
CP-2	B&G	ECOCIRC+ 20-18	WH-2	IN-LINE	4	20	70W	120/1	1/2	E.C.	1,2,3

NOTES: 1. ALL BRONZE LEAD-FREE CONSTRUCTION FOR POTABLE WATER.
2. ECM MOTOR.
3. PROVIDE WITH EXTERNAL TEMPERATURE SENSOR.

ELECTRIC WATER HEATER SCHEDULE

UNIT NO.	SERVICE	MANUFACTURER	MODEL	TANK SIZE (GAL)	ELECTRIC ELEMENT KW	RECOVERY @ 100° F TEMPERATURE RISE	ELECTRICAL VOLT	ELECTRICAL PH	ELECTRICAL WATTAGE	DISCONNECT BY. E.C..	NOTES
WH-1	JANITOR RM 132	A.O.SMITH	DRE-52-12	50	3@4.1KW	50	208	1	12300	✓	1, 2, 3,
WH-2	JANITOR RM 236	A.O.SMITH	DRE-52-13.5	50	3@4.5KW	55	208	1	13500	✓	1, 2, 3,

NOTES:
1. ASME RATED.
2. ADVANCED MODULATING CONTROL
3. EFFICIENCY SHALL MEET THE MINIMUM REQUIREMENTS ON WSEC C404.2

MIXING VALVE SCHEDULE

UNIT NO	MANUFACTURER	MODEL	SERVICE	INLET SIZE (INCHES)	OUTLET SIZE (INCHES)	INLET TEMP (°F)	OUTLET TEMP (°F)	GPM MINIMUM RECIRC. FLOW	GPM MAXIMUM FLOW AT SPECIFIED PRESSURE DROP	PRESSURE DROP (PSI)	NOTES
MV-1	WATTS	LFMM432	WH-1	3/4	1	140°	110°	4 GPM	21 GPM	5	1, 2
MV-2	WATTS	LFMM432	WH-2	3/4	1	140°	110°	4 GPM	21 GPM	5	1, 2

NOTES:
1. CERTIFIED LEAD-FREE. PIPING SHALL BE 1-1/2" UP TO VALVE. 2. ASSE 1017 CERTIFIED. 3. CERTIFIED LEAD-FREE. PIPING SHALL BE 1" UP TO VALVE.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

ARCHITECT'S STAMP

CONSULTANT

TRES WEST ENGINEERS, INC.
2102 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
www.treswest.com

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PLUMBING SCHEDULES

SHEET NO.

P0.03

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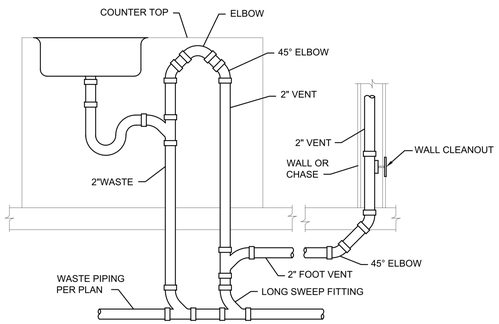
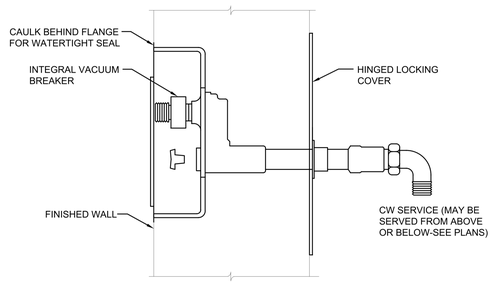
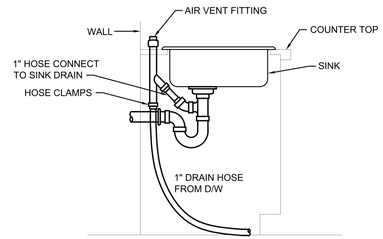


NOTE:
RAISE RETURN VENT AS HIGH AS POSSIBLE. USE (2) 45° FITTINGS AND (1) LONG RADIUS ELBOW TO MAKE LOOP. INSTALL LONG SWEEP FITTINGS BELOW FLOOR AND RUN HORIZONTALLY TO NEAREST PARTITION WALL. USE 45° FITTING FOR EASY STOPPAGE CLEANING.

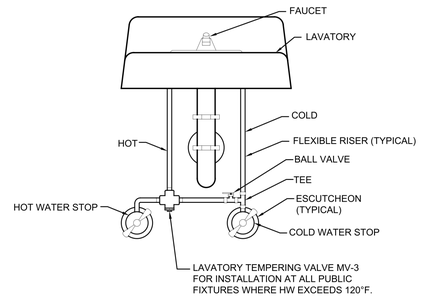
1 ISLAND VENT PIPING DETAIL
NOT TO SCALE



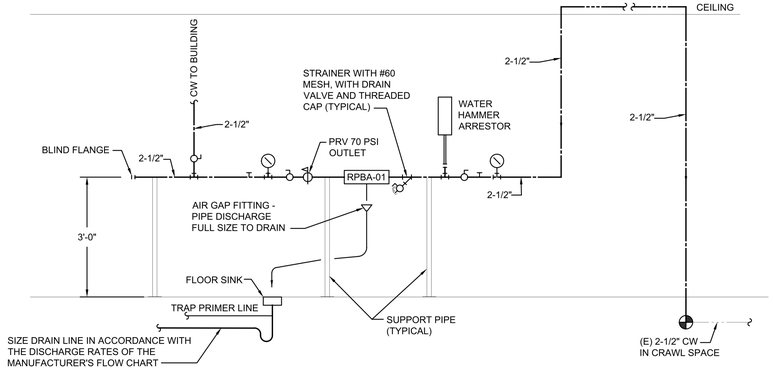
2 FREEZE PROOF WALL HYDRANT
NOT TO SCALE



3 DISHWASHER DRAIN INSTALLATION
NOT TO SCALE

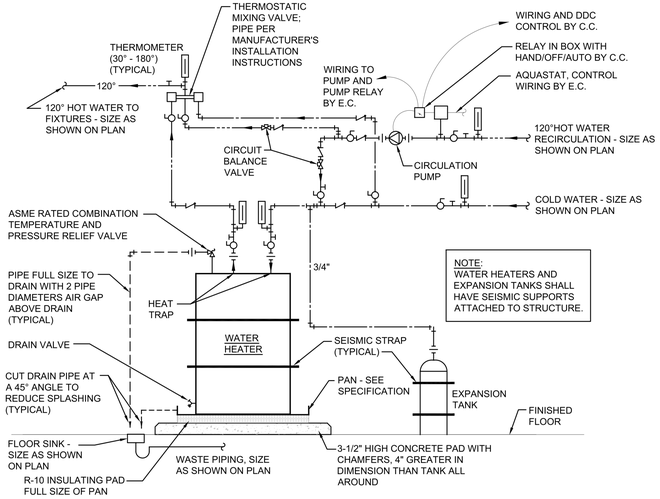


4 LAVATORY SERVICES INSTALLATION
NOT TO SCALE



NOTE:
ALL MATERIALS IN CONTACT WITH WATER TO BE COPPER, BRASS, BRONZE, EPDM, STAINLESS STEEL AND CERTIFIED LEAD FREE. ALL EQUIPMENT TO HAVE FLANGED CONNECTIONS FOR EASE OF REPLACEMENT

5 DOMESTIC WATER HEADER DETAIL
NOT TO SCALE



6 ELECTRIC WATER HEATER DETAIL
NOT TO SCALE

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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CONSULTANT

TRES WEST ENGINEERS, INC.
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PLUMBING DETAILS

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P0.04

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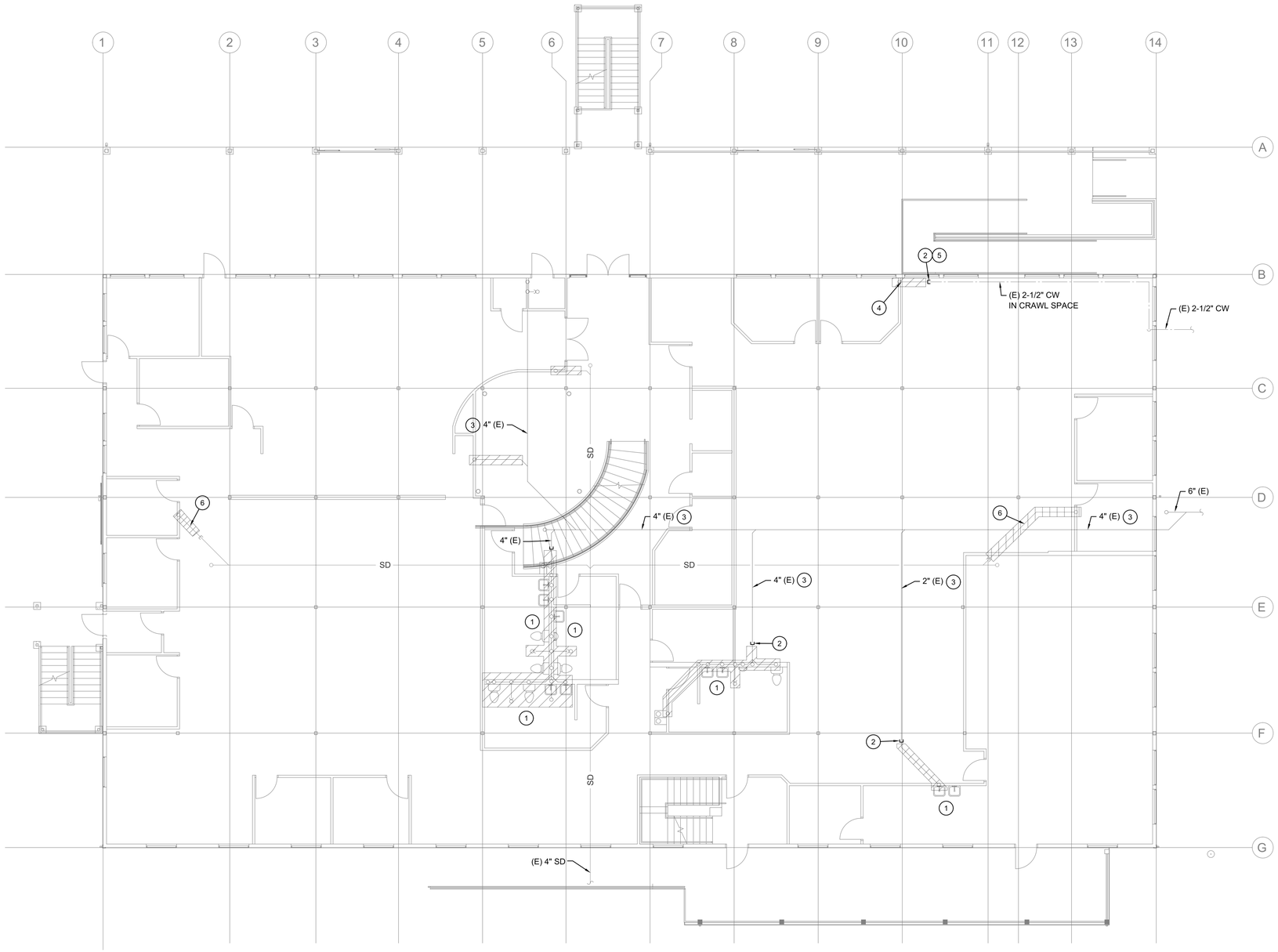

1 DEMOLITION PLUMBING - FOUNDATION PLAN
SCALE: 1/8"=1'-0"

LEGEND

HATCHING INDICATES EXTENT OF DEMOLITION

GENERAL NOTE

1. SAWCUT FLOOR AS REQUIRED TO INSTALL NEW WASTE PIPING.

PLAN NOTES

1. DEMOLISH ALL PLUMBING FIXTURES AND ASSOCIATED PIPING. CAP EXISTING WASTE PIPING AT FLOOR. PATCH FLOOR AS REQUIRED.
2. CAP PIPING AS SHOWN.
3. WASTE PIPING REMAIN IN SERVICE.
4. DEMOLISH EXISTING 2-1/2" CW PIPING PIPING AS REQUIRED.
5. SEE SHEET P1.01 FOR NEW 2-1/2" CW RISER.
6. DEMOLISH EXISTING 4" SD PIPING.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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CONSULTANT

TRES WEST ENGINEERS, INC.
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DEMOLITION PLUMBING - FOUNDATION PLAN

SHEET NO.

P1.00

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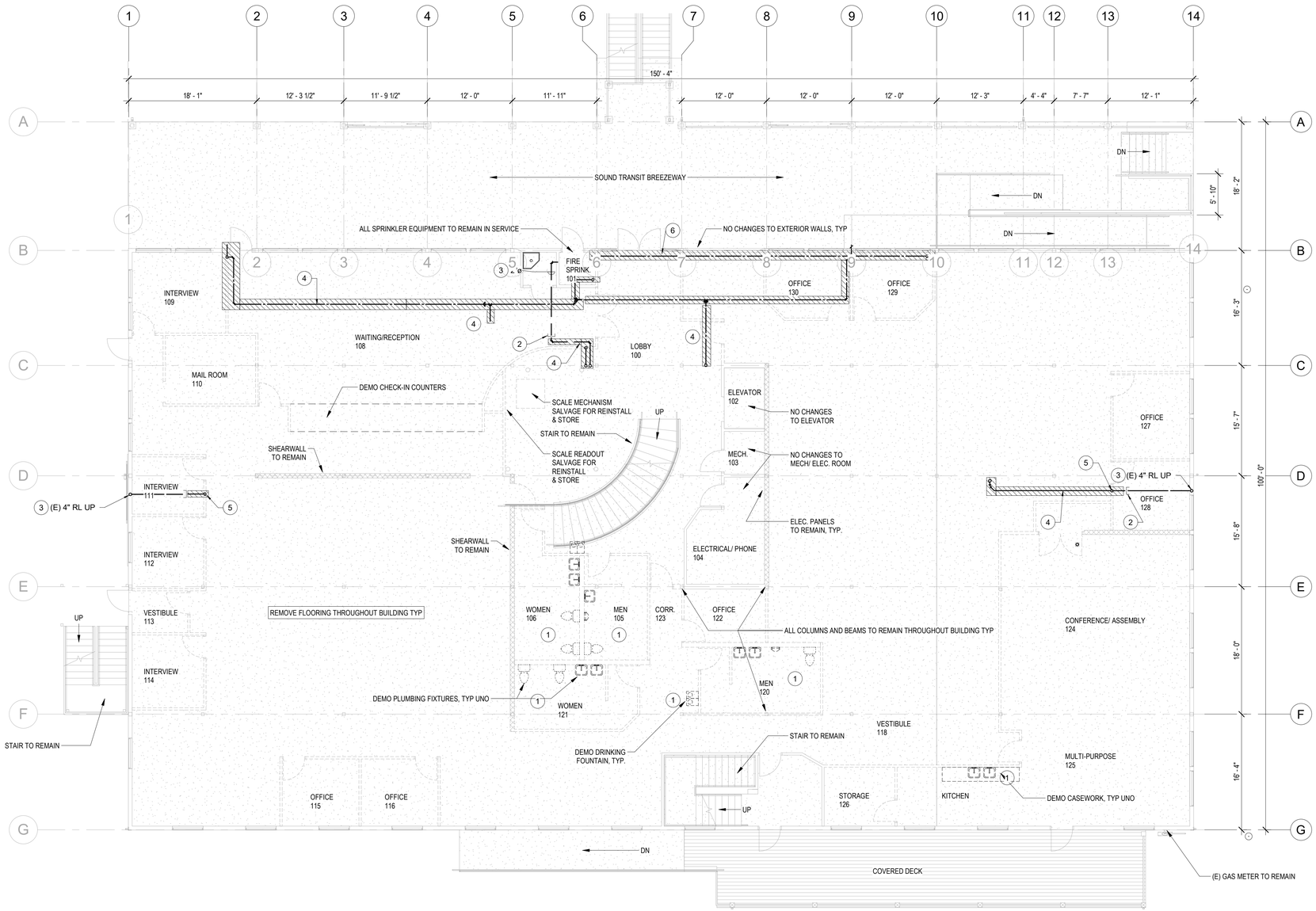

LEGEND

HATCHING INDICATES EXTENT OF DEMOLITION.

PLAN NOTES

1. DEMOLISH ALL EXISTING PLUMBING FIXTURES AND ASSOCIATED PIPING. PATCH WALL, CEILING OPENINGS AS REQUIRED (TYPICAL).
2. CAP PIPING AS SHOWN.
3. EXISTING PIPING REMAIN IN SERVISE.
4. DEMOLISH EXISTING PIPING. PATCH WALL, CEILING OPENING AS REQUIRED (TYPICAL).
5. DEMOLISH EXISTING 4" RL DN.
6. DEMOLISH EXISTING MAIN 2-1/2" CW ABOVE CEILING.

1 **plumbing demo plan - level 1 reference**
1/8" = 1'-0"

CHC Puyallup - Cannery
201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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SHEET TITLE
DEMOLITION PLUMBING PLAN - LEVEL 1

SHEET NO.
P1.01

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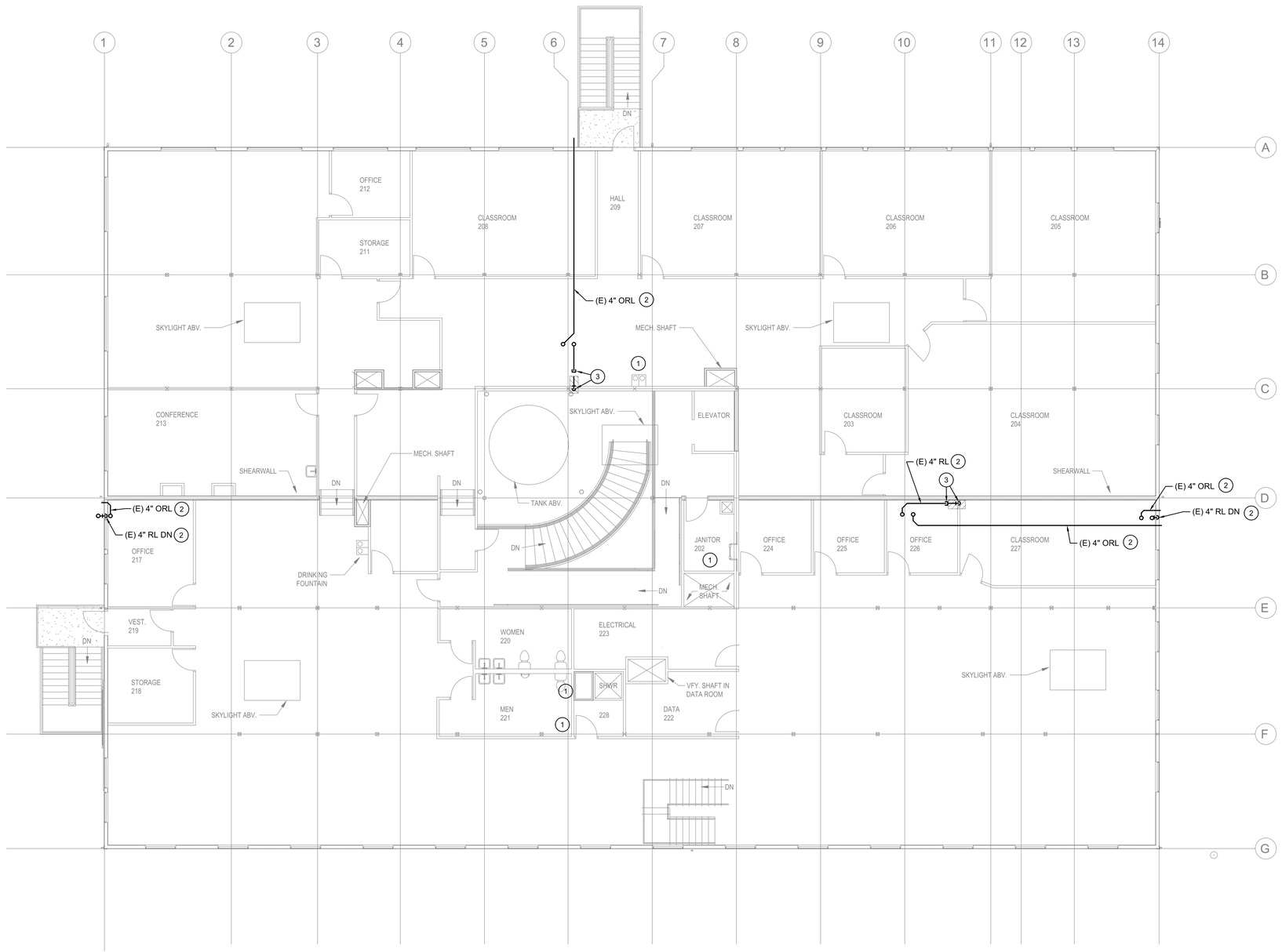

1 DEMOLITION PLUMBING PLAN - LEVEL 2
SCALE: 1/8"=1'-0"

LEGEND

HATCHING INDICATES EXTENT OF DEMOLITION

PLAN NOTES

1. DEMOLISH ALL PLUMBING FIXTURES AND ASSOCIATED WASTE, VENT AND DOMESTIC PIPING. CAP EXISTING PIPING AT FLOOR. PATCH FLOOR AS REQUIRED.
2. REMAIN PIPING IN SERVICE.
3. DEMOLISH 4" RL PIPING DN. CAP PIPING AS REQUIRED.

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201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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SHEET TITLE

DEMOLITION PLUMBING PLAN - LEVEL 2

SHEET NO.

P1.02

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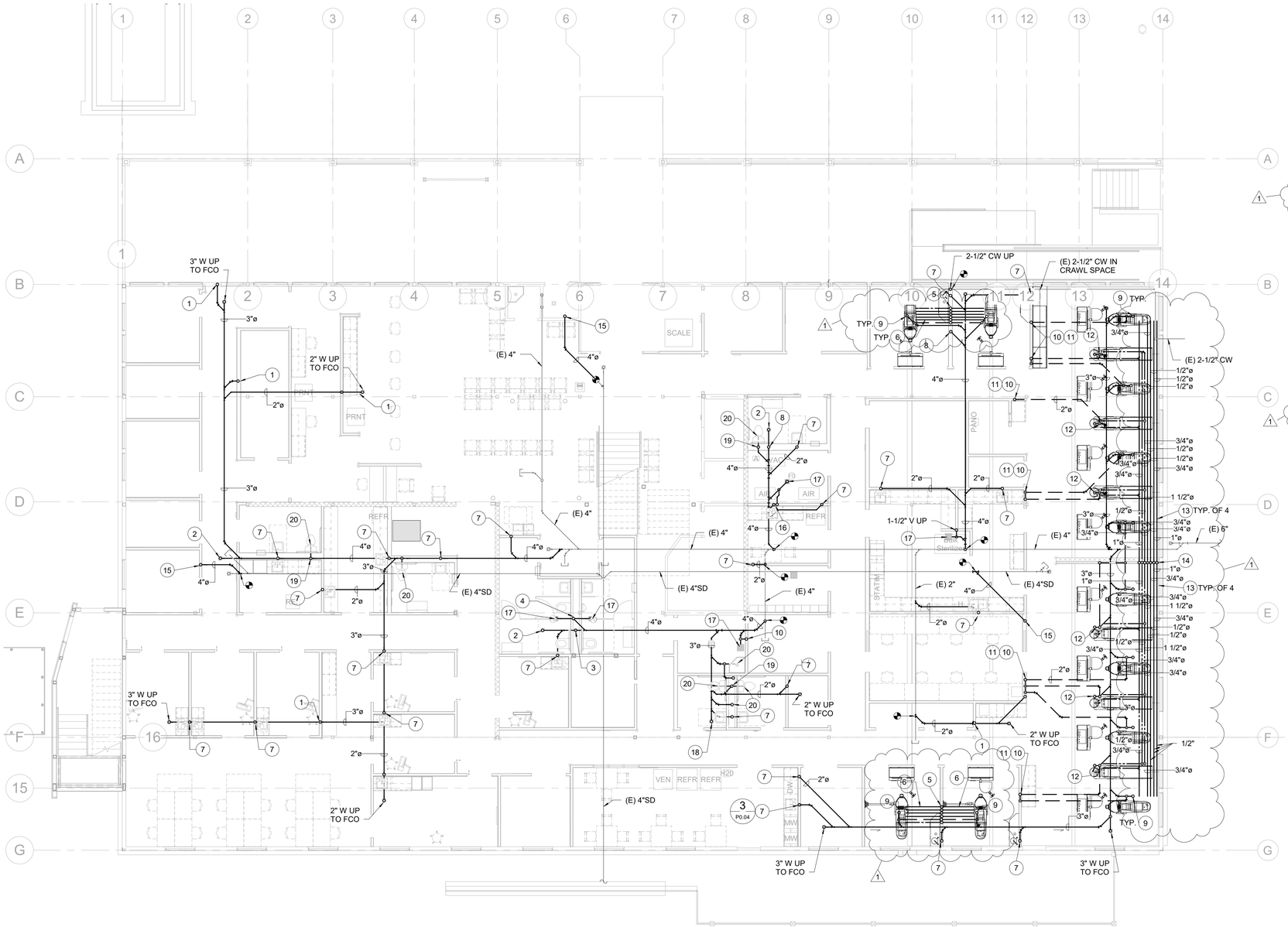

GENERAL NOTES

1. SLOPE WASTE & VACCUM PIPING AT A MINIMUM 1/4" PER FOOT UNLESS OTHER WISE NOTED.

PLAN NOTES

1. 2" W UP TO CEILING OF LEVEL 1.
2. 4" W UP TO FCO.
3. 4" W UP. ROUTE WASTE FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
4. 2" W & 2" V UP.
5. 3/4" CW, 2" V, 3/4" COPRESSED AIR, 3/4" NITROUS, 3/4" OXYGEN & 1" VACCUM UP.
6. RUN 1/2" CW, 2" V, 1/2" COPRESSED AIR, 1/2" NITROUS, 1/2" OXYGEN & 3/4" VACCUM TO DENTAL CHAIR.
7. 2" W UP.
8. 4" W UP TO CEILING OF LEVEL 1.
9. 2" W UP TO FLOOR TRAP.
10. 2" V UP.
11. VENT PIPING SHALL BE INSTALLED IN ACCORDANCE WITH CHAPTER 9, VENT & TABLE 1002.2, 2018 UPC FOR MINIMUM/MAXIMUM HORIZONTAL LENGTHS OF TRAP ARMS.
12. 1/2" CW, HW, 2" V UP TO SINK. FOR WASTE INSTALLATION SEE DETAIL P0.03/1.
13. PROVIDE 1/2" COMPRESSED AIR, CW, OXYGEN, NITROUS AND 3/4" VACCUM PIPING TO DENTAL CHAIR.
14. 1" HW, 1" CW, 3/4" HWC, 2" VACCUM, 3/4" COMPRESSED AIR, 3/4" OXYGEN & 1" NITROUS UP.
15. 4" RL UP. CONNECT TO EXISTING ABOVE CEILING. FIELD VERIFY EXACT LOCATION.
16. 3" W & 1-1/2" V UP.
17. 2" W UP TO FD/FS.
18. 3" W UP TO FCO.
19. 3" W & 2" V UP.
20. 3" W UP.

CHC Puyallup - Cannery

201 W. Main
Puyallup, WA 98371

Miller Hayashi Architects
118 North 35th St. Suite 200
Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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CONSULTANT

TRES WEST ENGINEERS, INC.
2102 SOUTH 42ND STREET, SUITE 301
TACOMA, WA 98409-7315
Phone: 253.472.3300
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SHEET TITLE

PLUMBING FOUNDATION PLAN

SHEET NO.

P1.03

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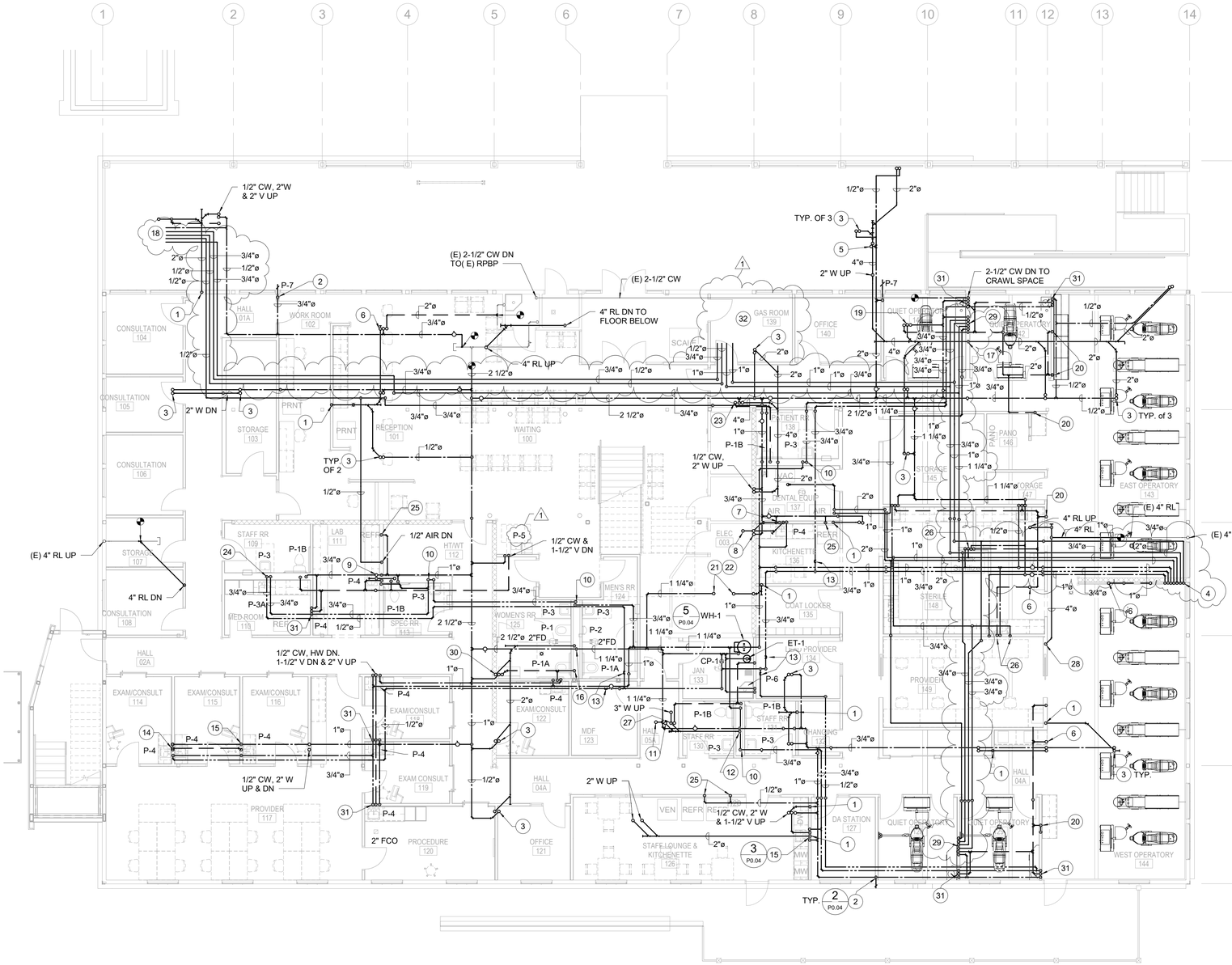

PLAN NOTES

1. 2" W DN.
2. 3/4" CW DN TO P-7.
3. 1/2" CW, 2" W UP.
4. 1" HW, 1" CW, 3/4" HWC, 2" VACCUM, 3/4" COMPRESSED AIR, 3/4" OXYGEN & 1" NITROUS DN.
5. 4" W, 2" CW UP. ROUTE WASTE FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
6. 2" V UP.
7. 1/2" CW, HW, 2" W & 1-1/2" V DN.
8. 3" W & 2" V & 3/4" CW UP TO P-6.
9. 3" W, 3/4" CW UP. ROUTE CW FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
10. FULL SIZE HW DN. LOOP HW TO WITHIN 12" OF LAVATORY STOPS TO MEET WSEC REQUIREMENTS.
11. 2" W, 3/4" CW, 2" V UP. ROUTE WASTE & CW FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
12. 3" W, 3/4" CW DN. ROUTE WASTE, CW FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
13. 1 GPM BALANCING VALVE.
14. 1/2" CW, 2"W, 1-1/2" V UP & DN. 1/2" HW DN.
15. 1/2" CW, 3/4" HW & 1-1/2" V DN. PROVIDE 1/2" HW, HAMMER ARESTOR UNDER COUNTER TO DISHWASHER WITH SHUT OFF VALVE AT STUBOUT.
16. 2" W, 2" CW DN. ROUTE CW FULL SIZE PIPING IN CHASE TO ADJACENT PLUMBING FIXTURES. SEE PLUMBING FIXTURES SCHEDULE FOR RUNOUT SIZES.
17. 4" W DN.
18. 1/2" COMPRESSED AIR, CW, 3/4" NITROUS, 1/2" OXYGEN, 3/4" VACCUM TO DENTAL CHAIR.
19. 1/2" CW, 2" W & 2" V UP.
20. 2" V DN.
21. 2" W UP TO FS. 1-1/4" CW UP TO WH-2 & ET-2.
22. PROVIDE STRUCTURAL HARD LID IN ELECTRICAL ROOM.
23. 4" W, 1-1/4" CW & 2" V UP.
24. FULL SIZE HW DN. LOOP HW TO WITHIN 12" OF LAVATORY STOPS TO MEET WSEC REQUIREMENTS. PROVIDE 1/2" HW TO P-3A.
25. 1/2" CW DN TO P-5A.
26. 1/2" HW, CW, 1-1/2" V & 1/2" COMPRESSED AIR DN.
27. 3" W & 2" V UP.
28. 4" RL DN.
29. 3/4" CW, COMPESSED AIR, NITROUS, OXYGEN, 1" VACCUM & 2" V DN.
30. 2" W, 1/2" CW & 2" V UP.
31. 1/2" CW, HW & 1-1/2" V DN.
32. GAS ROOM IS TO HOUSE THE FOLLOWING GASES. (2) 50# OXYGEN CILINDERS IN A MANIFOLD WITH ONE IN USE AND ONE BACKUP. (2) 50# NITROUS CILINDERS IN A MANIFOLD WITH ONE IN USE & ONE FOR BACKUP. PIPING FOR BOTH GASES SHALL BE LOW PRESSURE IN COPPER TYPE K PIPE.

CHC Puyallup - Cannery

201 W. Main
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Miller Hayashi Architects
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Seattle, Washington 98103
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PLUMBING PLAN - LEVEL 1

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P2.01

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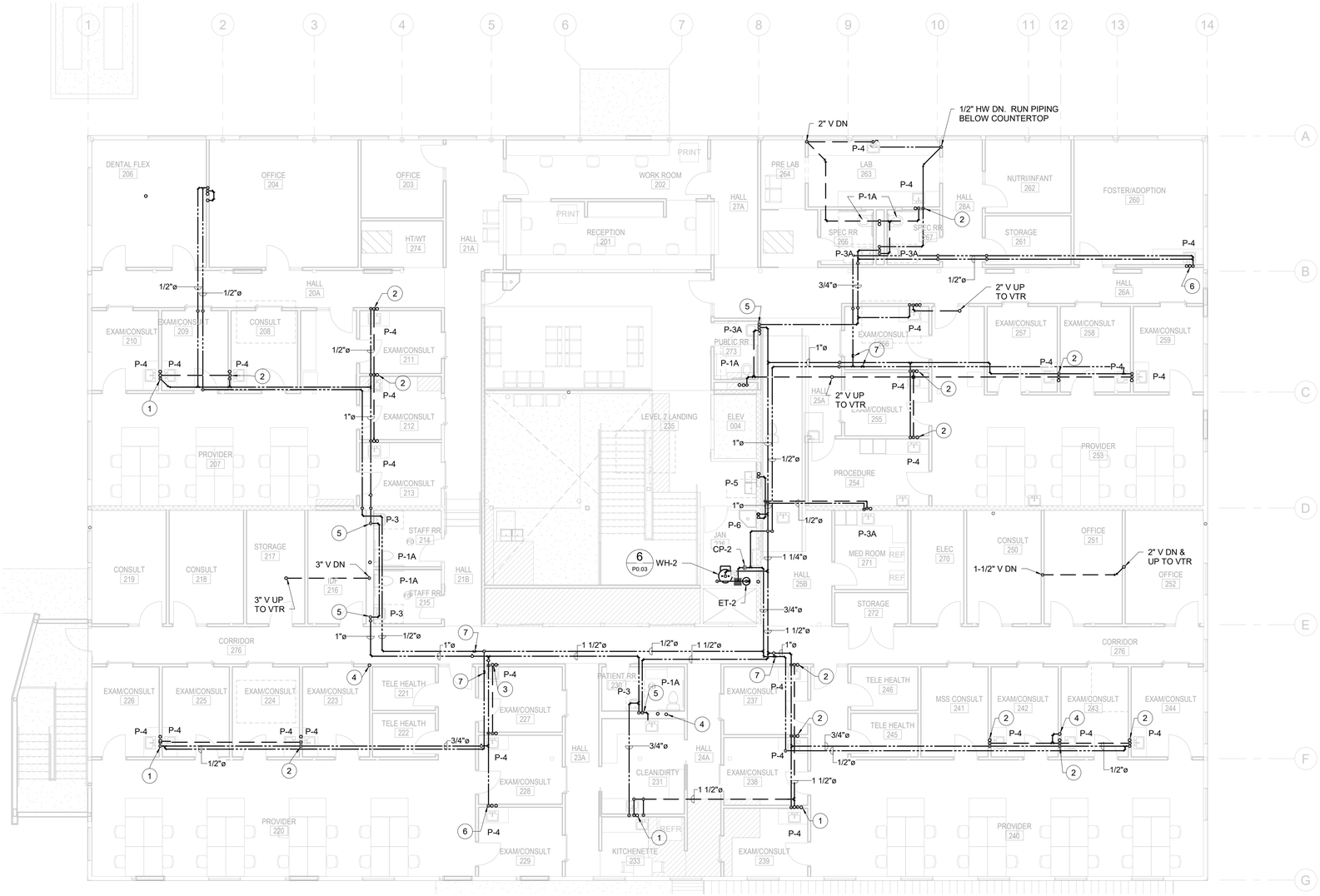

1 PLUMBING PLAN - LEVEL 2

1/8" = 1'-0"

PLAN NOTES

1. 1/2" HW DN. 2" V DN & UP TO VTR. 1/2" CW DN AT FLOOR LEVEL.
2. 1/2" HW, 1-1/2" V DN. 1/2" CW DN AT FLOOR LEVEL.
3. 1/2" HW DN. 2" V DN & 3" V UP TO VTR. 1/2" CW DN AT FLOOR LEVEL.
4. 2" V DN & UP TO VTR.
5. FULL SIZE HW DN. LOOP HW TO WITHIN 12" OF LAVATORY STOPS TO MEET WSEC REQUIREMENTS.
6. 1/2" HW DN. 1-1/2" V DN & 2" V UP TO VTR. 1/2" CW DN AT FLOOR LEVEL.
7. 1 GPM BALANCING VALVE.

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201 W. Main
Puyallup, WA 98371

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Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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PLUMBING PLAN - LEVEL 2

SHEET NO.

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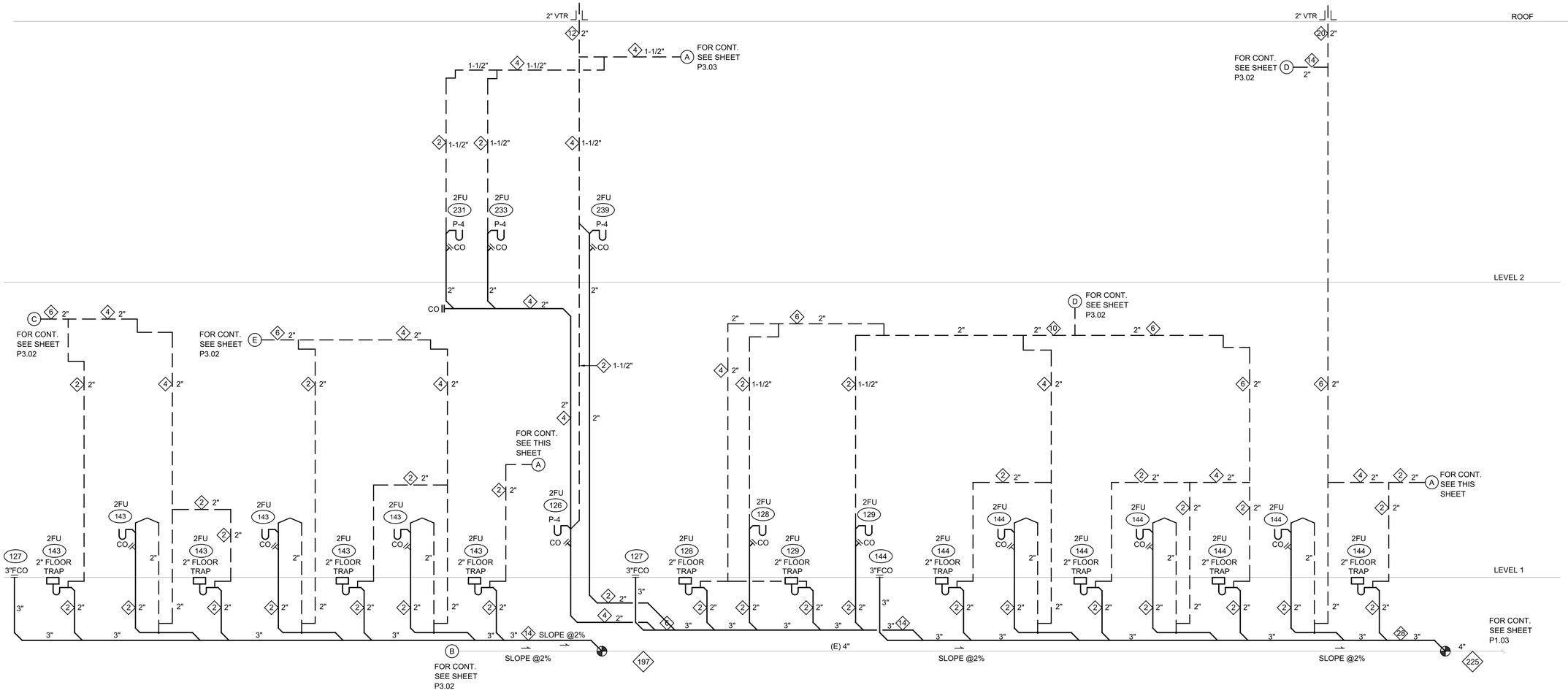
GENERAL NOTES

1. WASTE/VENT FIXTURE UNITS NOTED AS ◇



1 WASTE & VENT RISER DIAGRAM
SCALE: DIAGRAMMATIC

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Seattle, Washington 98103
Tel: 206 634 0177
Fax: 206 634 0167

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WASTE & VENT RISER DIAGRAM

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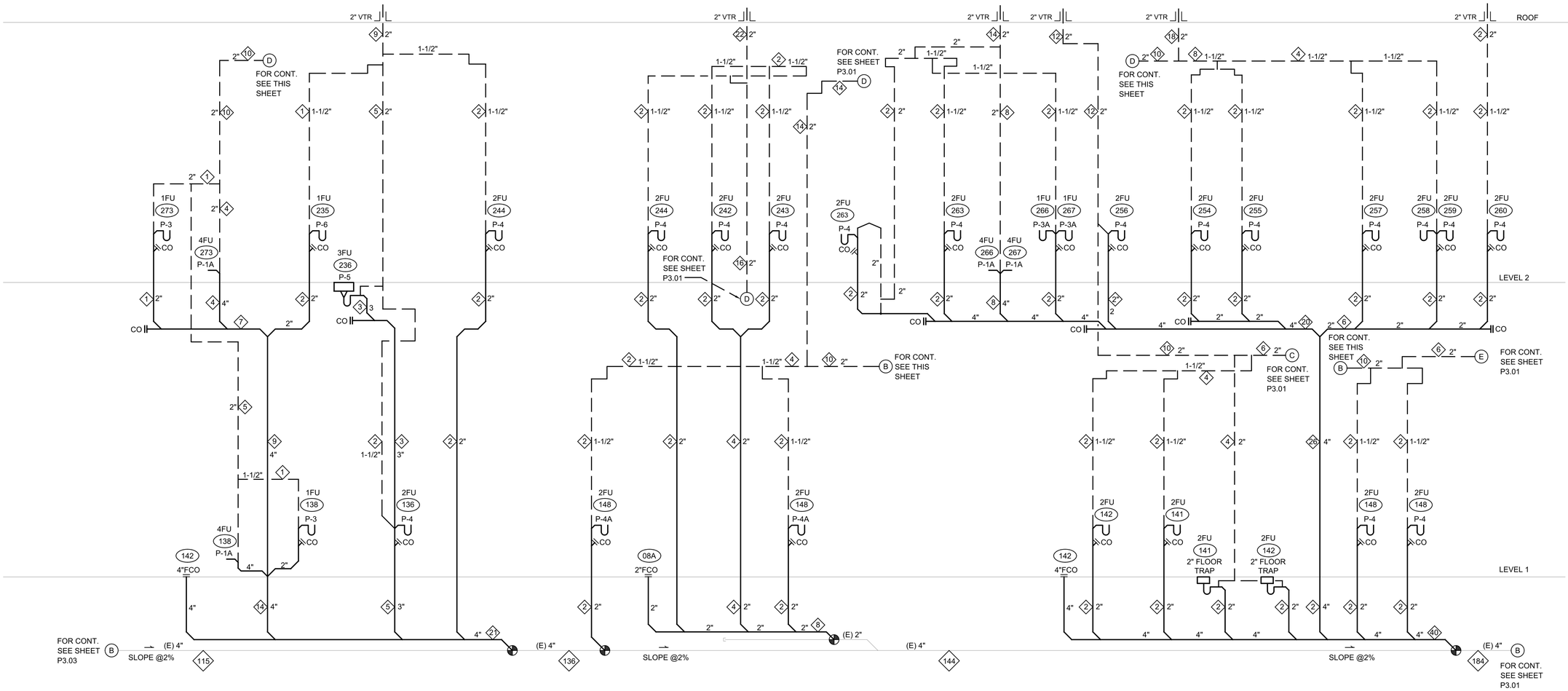

1 WASTE & VENT RISER DIAGRAM
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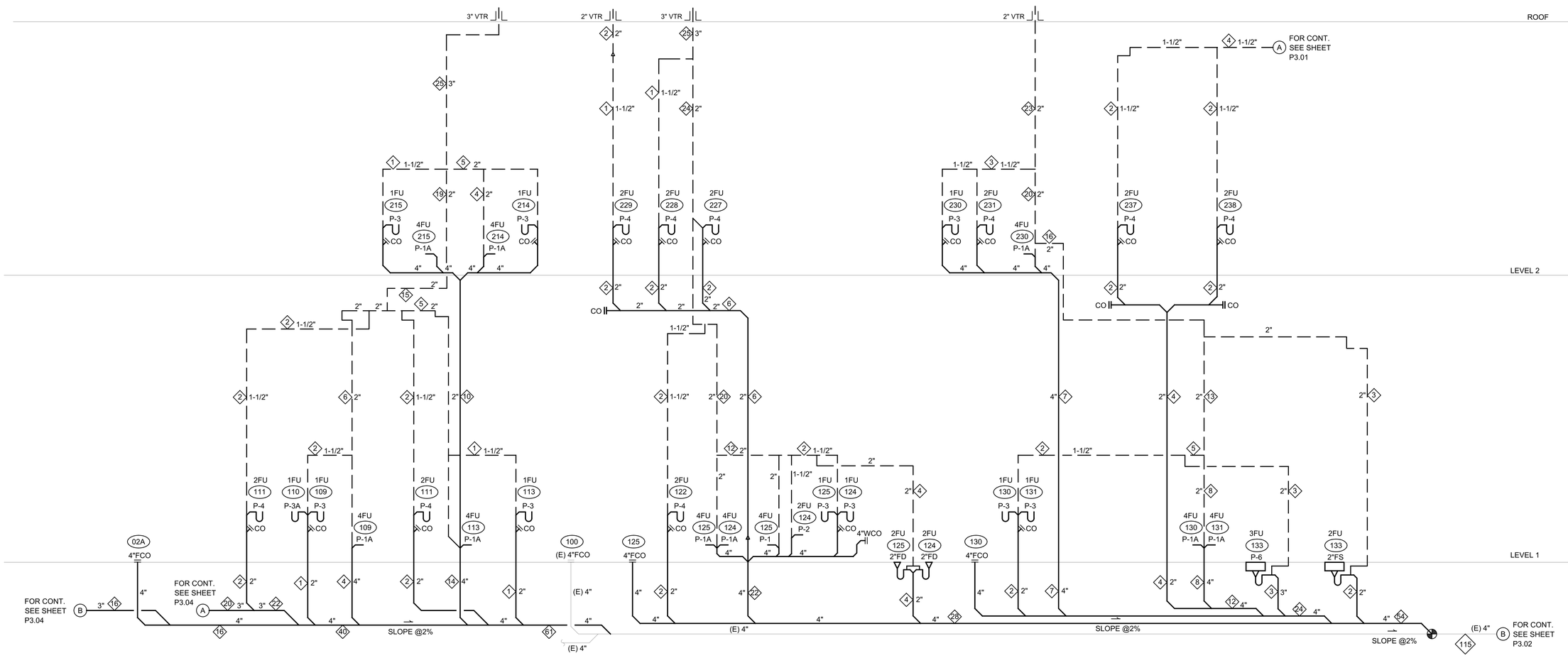
GENERAL NOTES

1. WASTE/VENT FIXTURE UNITS NOTED AS ◇



1 WASTE & VENT RISER DIAGRAM
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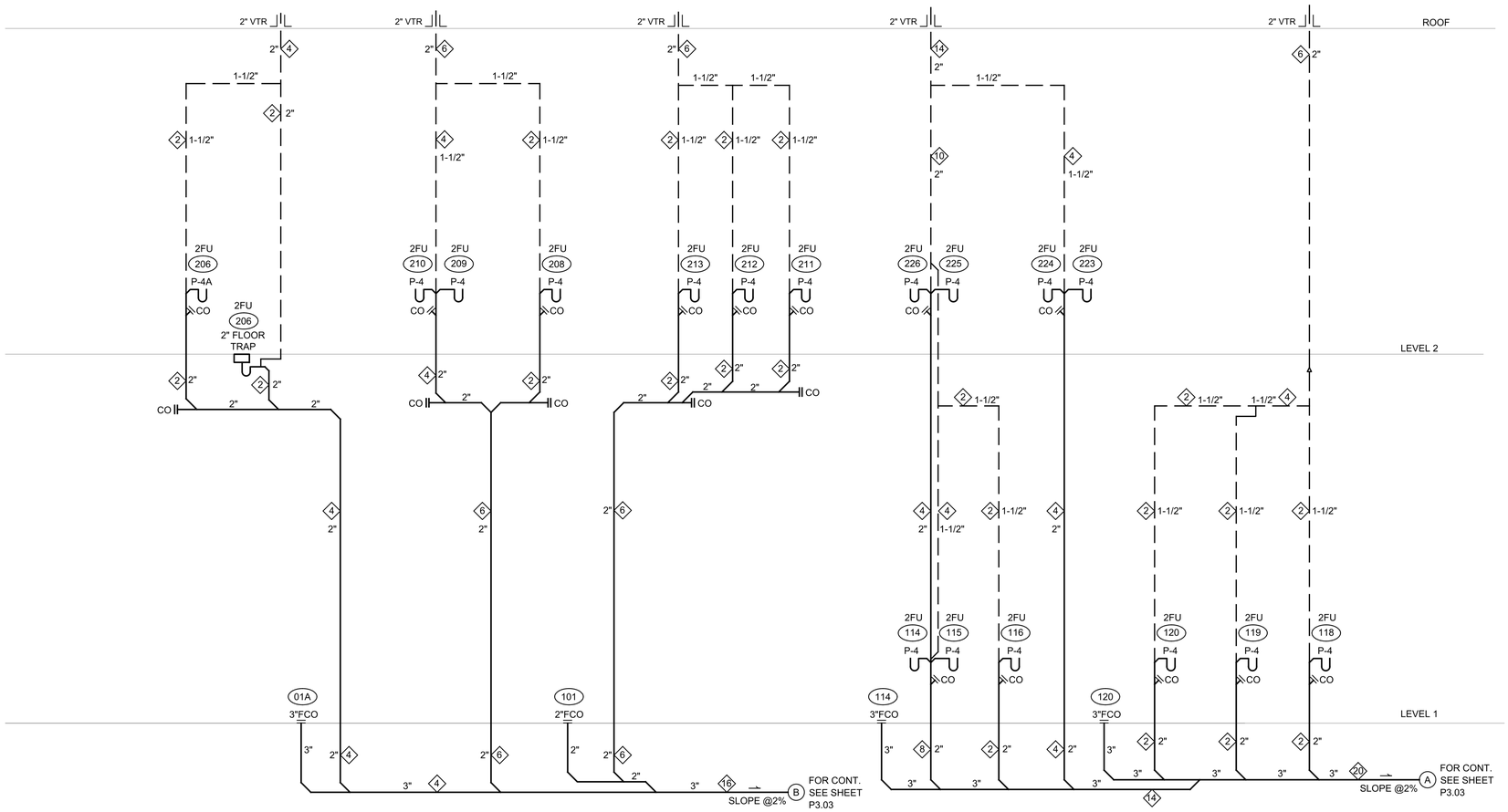

1 WASTE & VENT RISER DIAGRAM
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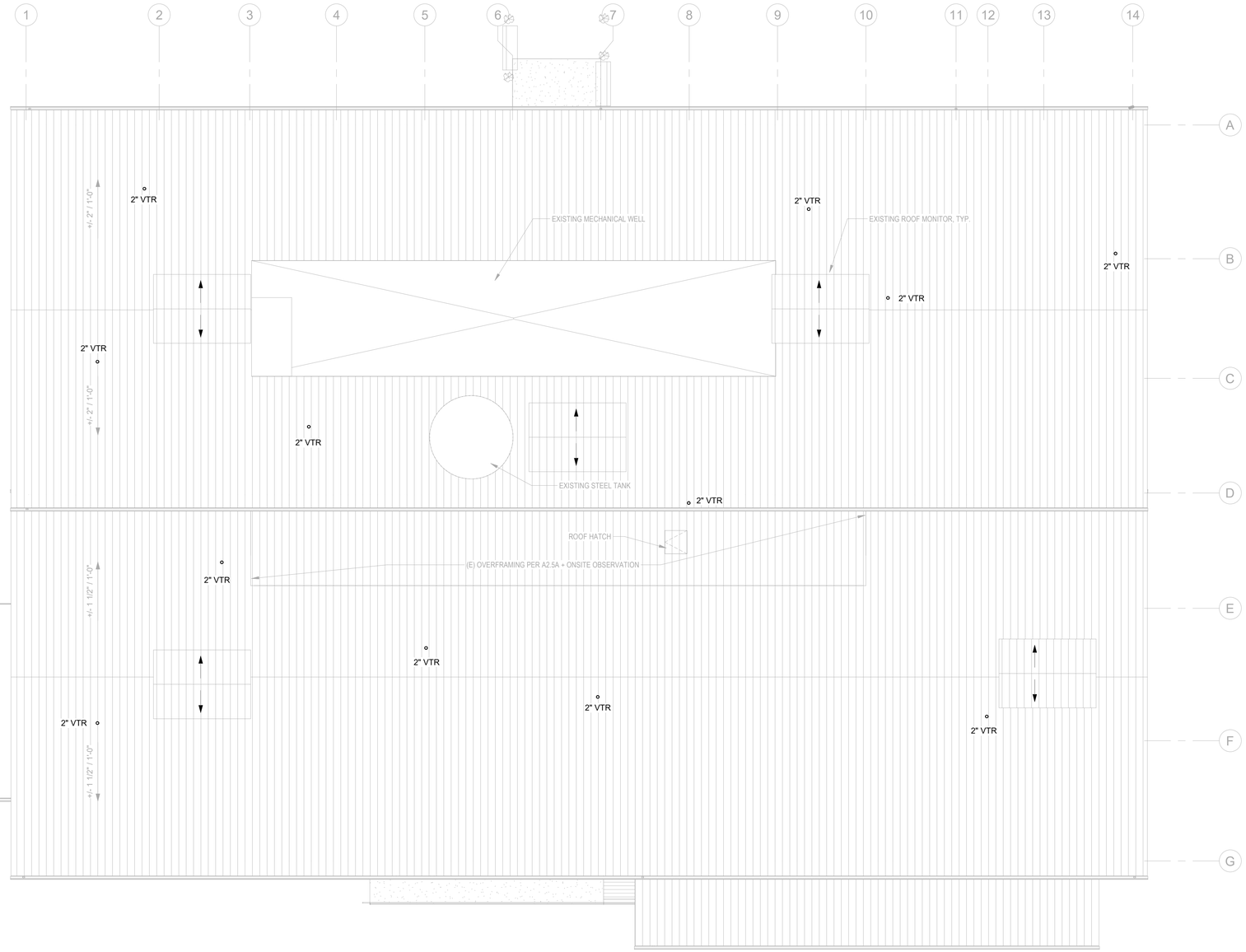

1 PLUMBING ROOF PLAN

1/8" = 1'-0"

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Puyallup, WA 98371

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PLUMBING ROOF PLAN

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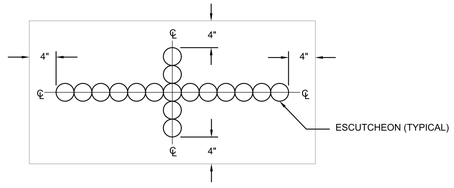
GENERAL NOTE

1. IT IS THE FULL RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR TO INSTALL A COMPLETE WORKING SYSTEM MEETING ALL APPLICABLE CODES.
2. THE AUTOMATIC SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13, IBC, IFC AND ALL LOCAL CODES AS A MINIMUM STANDARD. ADDITIONAL REQUIREMENTS ARE NOTED IN THE SPECIFICATIONS OR IN THESE DRAWINGS.
3. PROVIDE COVERAGE FOR THE ENTIRE FACILITY INCLUDING, BUT NOT LIMITED TO, AREAS ABOVE AND BELOW CEILINGS, ATTIC SPACES, MEZZANINES, INTERSTITIAL SPACES, OVERHANGS, ELEVATOR SHAFT AND MECHANICAL/ELECTRICAL ROOMS. PROVIDE DRY PIPE/DRY HEAD COVERAGE WHERE SHOWN, WHERE FREEZING CONDITIONS EXIST, AND IN UNHEATED SPACES. THE ASSUMPTION OF FIRE ALARM DEVICES OR SYSTEMS BEING INSTALLED DOES NOT RELIEVE THE FIRE SPRINKLING CONTRACTOR OF PROVIDING COVERAGE IN ALL AREAS.
4. FIRE SPRINKLER MAINS NOT SHOWN SHALL BE LAID OUT PER FIRE SPRINKLER COVERAGE REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR AREAS NOT SHOWN OR FOR MULTIPLE FLOORS THAT REQUIRE FIRE SPRINKLING COVERAGE.
5. DO NOT RUN PIPING OVER ELECTRICAL PANELS OR SWITCHGEAR EXCEPT WHERE LOCATED ABOVE STRUCTURAL CEILING.
6. THE FIRE SPRINKLER CONTRACTOR SHALL COORDINATE THE LOCATION OF PIPING AND HEADS TO AVOID INTERFERENCES WITH LIGHT FIXTURES, HEATING/COOLING EQUIPMENT, DUCTWORK AND ANY ARCHITECTURAL FEATURES SUCH AS EXPOSED SLOPED ROOF STRUCTURE, SKYLIGHTS, STAIRWAYS, ETC. PIPING SHALL BE RUN AS HIGH AS POSSIBLE TO ALLOW MAXIMUM HEADROOM OVER MECHANICAL EQUIPMENT AND AISLE SPACES. MAXIMUM CLEARANCE SHALL BE MAINTAINED FOR SERVICE ACCESS AND MAINTENANCE FOR ALL EQUIPMENT. FAILURE TO COORDINATE SHALL BE JUSTIFICATION TO REQUIRE THE FIRE SPRINKLER CONTRACTOR, AT HIS OWN EXPENSE, TO MOVE AND REDO HIS WORK.

NOTES:

1. WHERE SPRINKLER HEADS ARE LOCATED IN REMOVABLE GRID CEILING, THE HEADS SHALL BE LOCATED ON THE CENTERLINE AXIS OF EITHER THE LONG OR SHORT SIDE DIMENSION [SEE DETAIL BELOW], WITH THE HEAD CANOPY A MINIMUM OF 4" FROM EDGE OF PANEL.
2. IN ROOMS WHERE MULTIPLE HEADS ARE NEEDED, HEADS SHALL BE LINED UP, NOT IN RANDOM PATTERN.
3. DUCTWORK, AIR TERMINALS AND LIGHTING LOCATIONS TAKE FIRST PRIORITY OVER FIRE SPRINKLING SYSTEM. COORDINATION SHALL BE FIRE SPRINKLER CONTRACTOR'S RESPONSIBILITY.
4. SYSTEM DRAINAGE POINTS MUST BE CAREFULLY COORDINATED WITH ARCHITECT. IF NOT COORDINATED, FIRE SPRINKLER CONTRACTOR SHALL REMOVE AND REWORK LOCATIONS TO ARCHITECT'S SATISFACTION.
5. HEADS MUST BE LOCATED IN SUCH A MANNER THAT HEAT FROM A DIFFUSER, DUCT, FLUE, KILN, HYDRONIC PIPE, ENGINE EXHAUST, OR OTHER HEAT GENERATING DEVICE, WILL NOT SET OFF THE FIRE PROTECTION SYSTEM.



1 CEILING PANEL FIRE SPRINKLER HEAD LOCATIONS

SCALE: NOT TO SCALE

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Tel: 206 634 0177
Fax: 206 634 0167

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FIRE PROTECTION GENERAL NOTES & DETAIL

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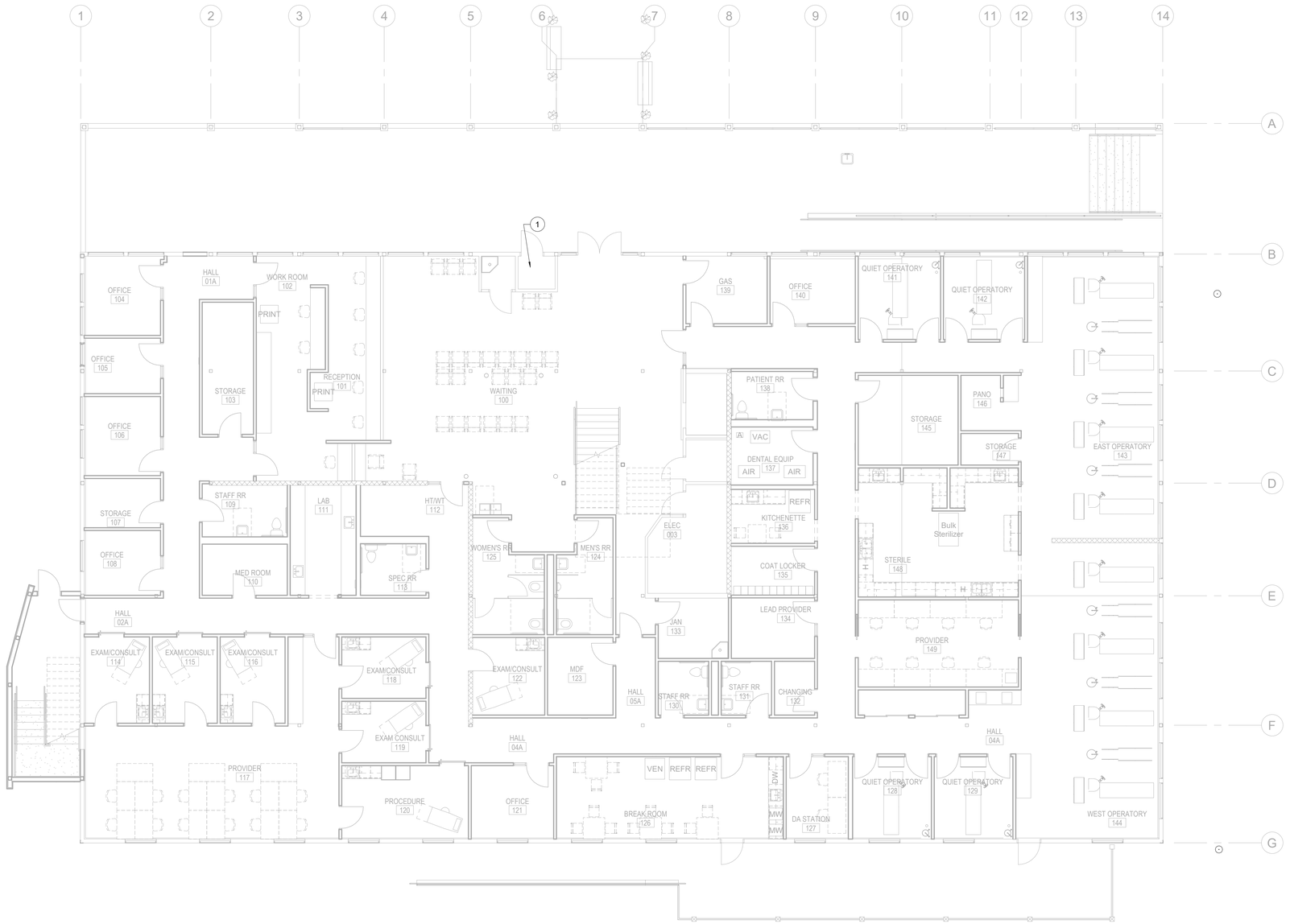

PLAN NOTES

1. EXISTING FIRE SPRINKLER HEADER REMAIN IN SERVICE.

1 FIRE PROTECTION PLAN - LEVEL 1

1/8" = 1'-0"

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FIRE PROTECTION PLAN - LEVEL 1

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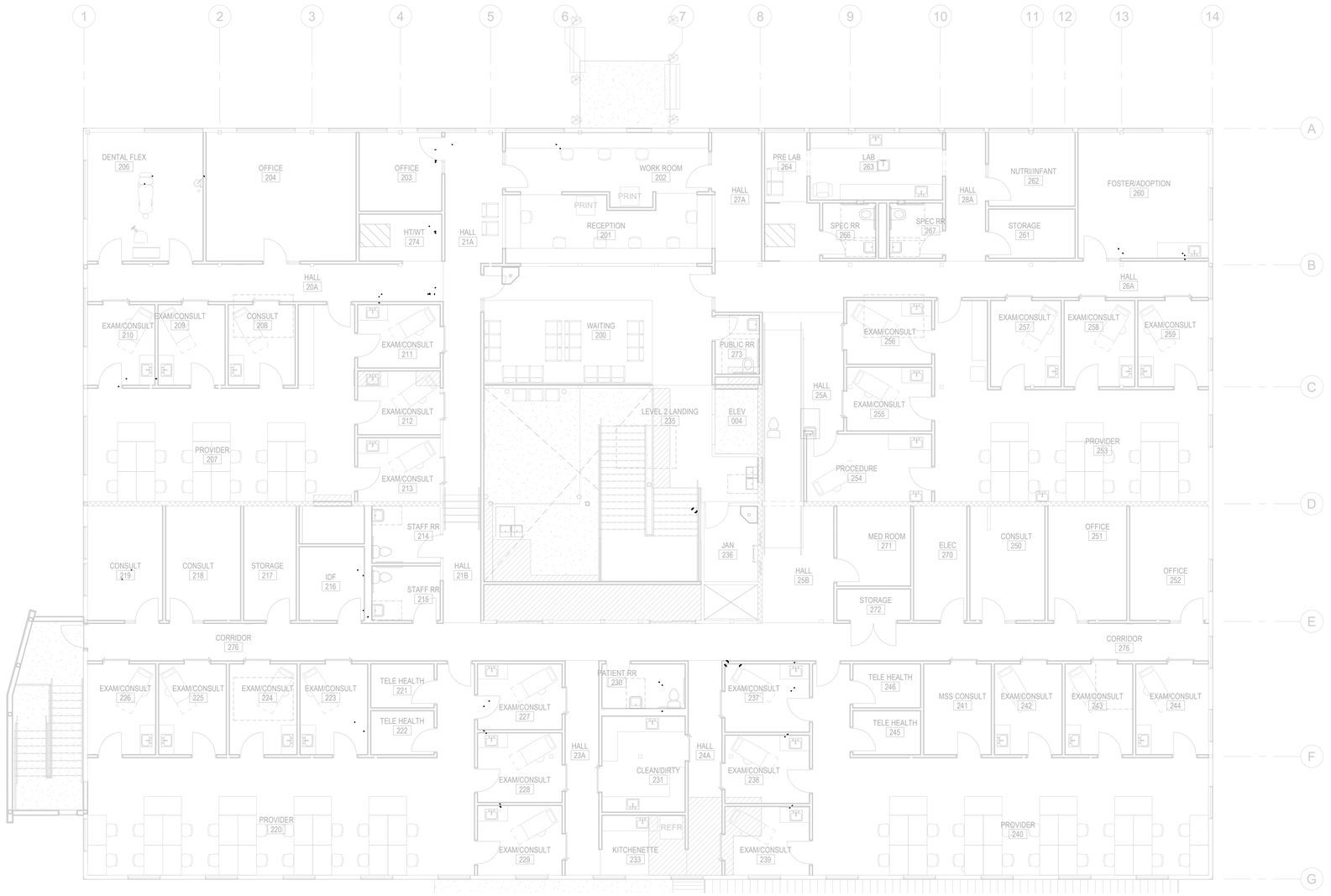

1 FIRE PROTECTION PLAN - LEVEL 2

1/8" = 1'-0"

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