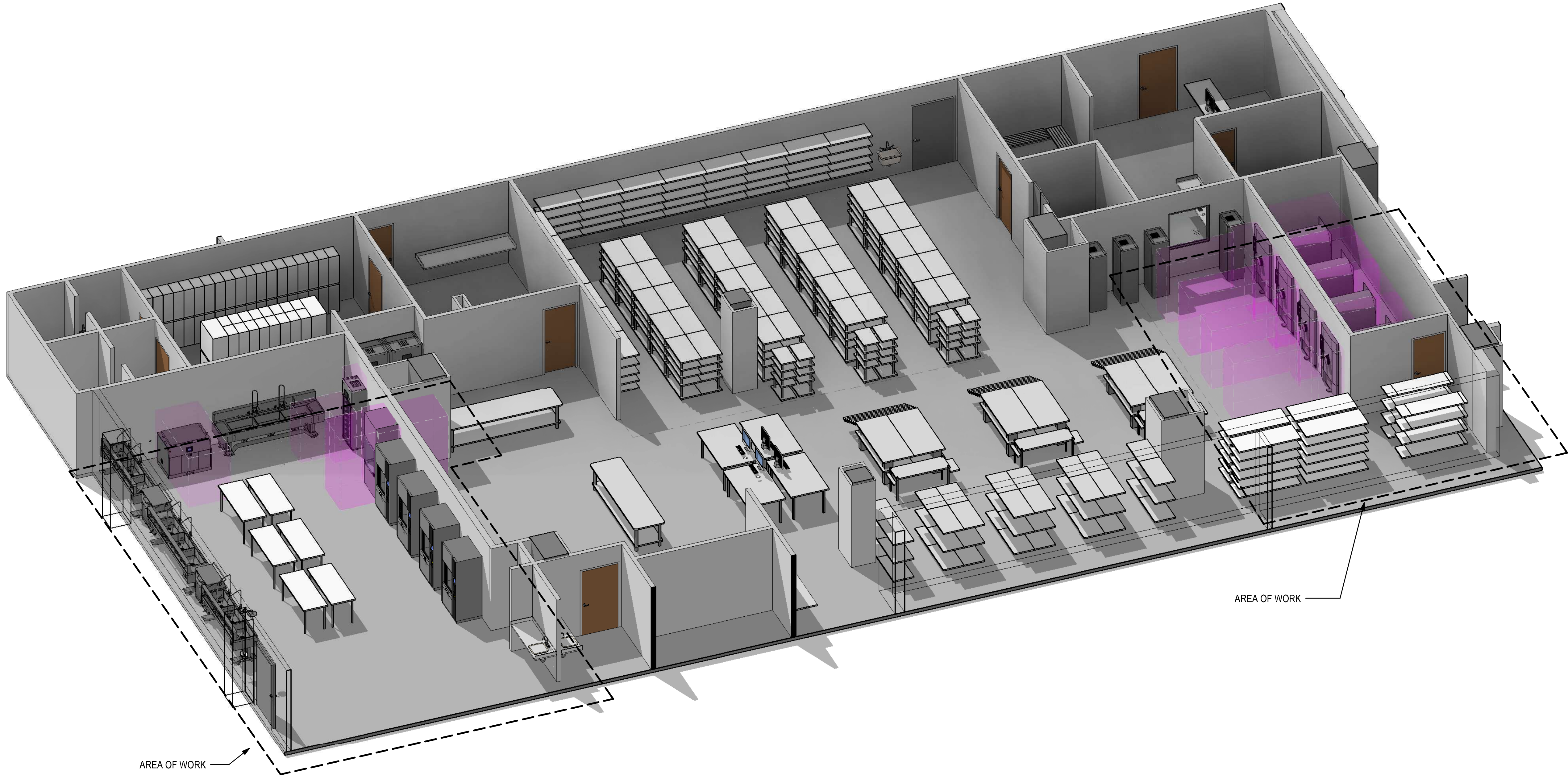


STERILE PROCESSING ROOM REMODEL

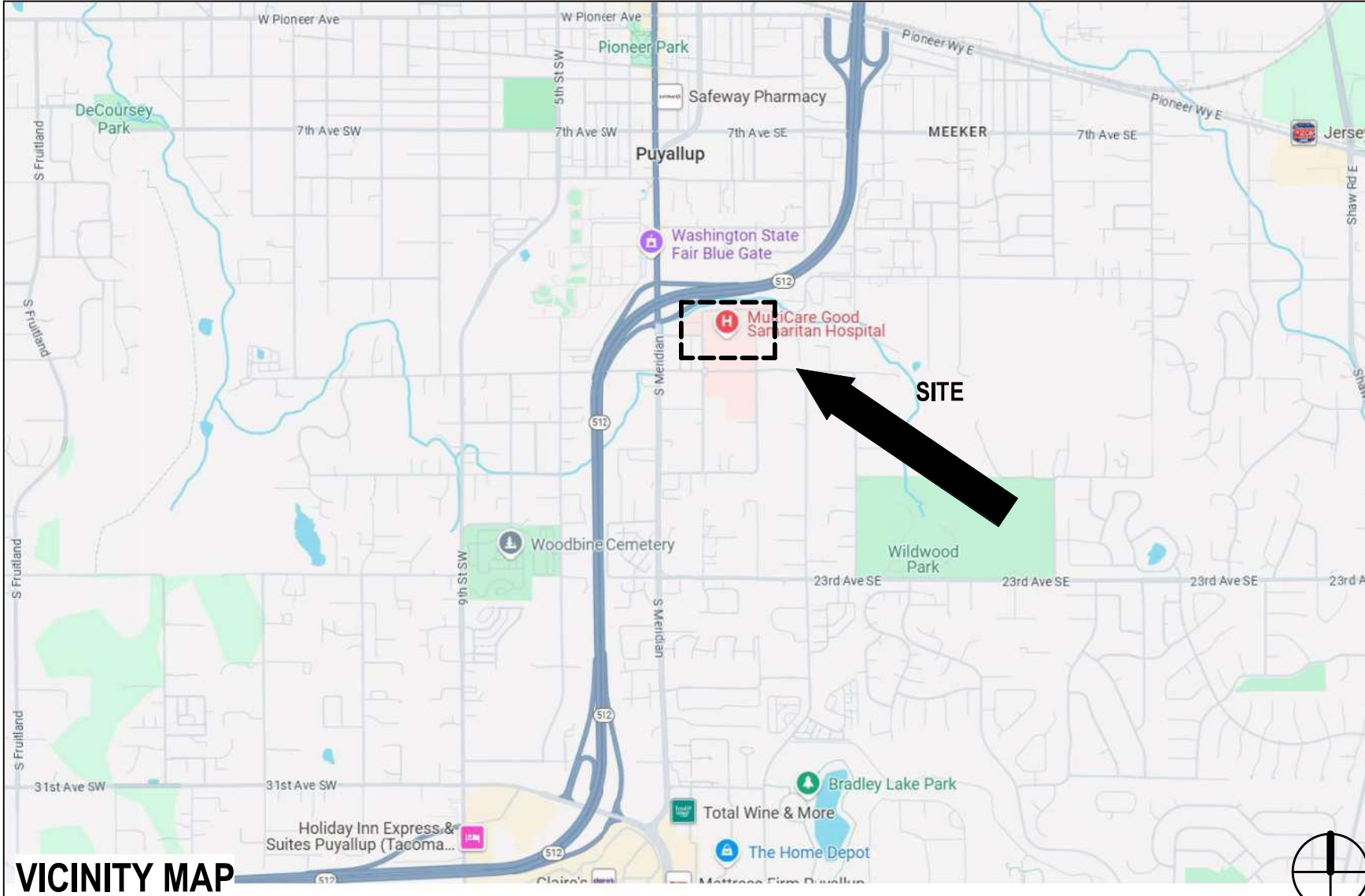
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15TH AVE SE, PUYALLUP, WA 98372

DOH CD REVIEW / PERMIT SET



4
G0.01
AXON - STERILE DEPARTMENT EQUIPMENT LAYOUT



LEGAL DESCRIPTION PARCEL NO. 981000016 Zoning Use: MED - Medical Use Code: 5510 Tax Area Code: 096 Land Use Description: HOSPITAL Legal Description: Section 34 Township 20 Range 04 Quarter 23 Woods 1ST CANNOT BE SOLD OR SUBD WITHOUT 001-4 & 001-5 LOT 1 OF BLA 2010-06-15-001 DESC AS BEG AT A PT 30 FT E & 151.05 FT N OF INTER OF 15TH AV SE & 3RD ST SE TH N 322.08 FT TH N 305.27 FT TH E 692.45 FT RTSQ: 04203423	DEFERRED SUBMITTALS 1. DESIGN OF EACH ITEM TO MATCH INTENT SHOWN ON DRAWINGS. 2. SUBMITTAL DOCUMENTS FOR DEFERRED SUBMITTAL SHALL BE SUBMITTED TO THE ARCHITECT FOR DESIGN REVIEW AND APPROVAL PRIOR TO THE AUTHORITY HAVING JURISDICTION. 3. WITH A/E APPROVAL, GENERAL CONTRACTOR SHALL SUBMIT, PAY FOR AND OBTAIN APPROVALS FROM THE AHJ FOR ALL DEFERRED SUBMITTALS. DEFERRED SUBMITTAL LIST: <ul style="list-style-type: none">FIRE ALARMFIRE SPRINKLER SYSTEM
PROJECT DESCRIPTION Sterile Process Department Upgrades: Equipment upgrades that include but are not limited to (4) new Steriliziers, air hoses at pack and prep tables, (4) new washers, dryers, (4) sets of 3-compartment sinks, flooring, some partial walls and general patch and repair.	DELEGATED DESIGN THE GENERAL CONTRACTOR SHALL SCHEDULE A FIRESTOPPING MEETING WITH THE BUILDING INSPECTOR AND ALL SUBCONTRACTORS THAT WILL BE INSTALLING FIRESTOPPING MATERIALS. EACH SUBCONTRACTOR WILL PROVIDE A LIST OF FIRESTOP MATERIALS / ASSEMBLIES WHICH WILL BE USED, AND THE LISTING AND APPROVAL INFORMATION (I.E. ICC OR OTHER APPROVED REPORT / LISTING NUMBERS). THIS INFORMATION MUST BE SUBMITTED TO AND APPROVED BY THE BUILDING INSPECTOR PRIOR TO ANY INSTALLATION.
CODE INFORMATION DESIGNED TO: <ul style="list-style-type: none">2021 INTERNATIONAL BUILDING CODE (IBC) WITH WA STATE AMENDMENTS2021 WASHINGTON STATE BUILDING CODE2021 DOH GUIDELINE	SPECIAL INSPECTIONS NA

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

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

Approval of submitted plans is not an approval of omissions or oversights by this office or non compliance 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.

				MEP: HULTZ, BHU 1111 Faircliff Ave., SUITE 100 Tacoma, WA 98402 TEL: (253) 383-3257 ATTN: Michael Tagles, Associate PIC EMAIL: michael@hultzbu.com	ARCHITECT: CLARK / KJOS ARCHITECTS 401 15TH AVE SE PUYALLUP, WA 98372 TEL: (360) 710-4818 ATTN: LARZ HITCHCOCK, SENIOR MANAGER EMAIL: LarzHitchcock@ckarch.com Architect of Record: Scott Combs	OWNER: MULTICARE GOOD SAMARITAN HOSPITAL 401 15TH AVE SE PUYALLUP, WA 98372 TEL: (360) 710-4818 ATTN: Bri Laffey, PROJECT MANAGER EMAIL: brianna.laffey@multicare.org
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DRAWING INDEX	
GENERAL	
G0.01	COVER SHEET
G0.02	GENERAL NOTES
G1.01	FIRE AND LIFE SAFETY
DEMOLITION	
D0.01	DEMO PLAN
ARCHITECTURAL	
A2.01	EXISTING PLAN / RCP
A2.02	EQUIPMENT PLAN - PHASING
A2.03	PROPOSED EQUIPMENT PLAN
A5.01	INTERIOR ELEVATIONS
EQUIPMENT (for reference only)	
Q1.01	EQUIPMENT SCHEDULE
MECHANICAL	
M0.01	MECHANICAL GENERAL NOTES AND LEGEND
M0.02	MECHANICAL SCHEDULES
M1.01	PARTIAL FLOOR PLAN - LEVEL A - DEMO
M1.02	PARTIAL FLOOR PLAN - LEVEL A - PLUMBING DEMO
M2.01	PARTIAL FOUNDATION PLAN - PLUMBING
M3.01	PARTIAL FLOOR PLAN - LEVEL A - PLUMBING

City of Puyallup Planning Division APPROVED

See permit conditions.

Chris BEALE
01/09/2025
8:15:24 AM

City of Puyallup Building Review REVIEWED FOR COMPLIANCE

BSnowden
03/11/2025
10:12:38 AM

City of Puyallup Development Engineering APPROVED

See permit conditions.

AHunt
03/13/2025
9:23:41 AM

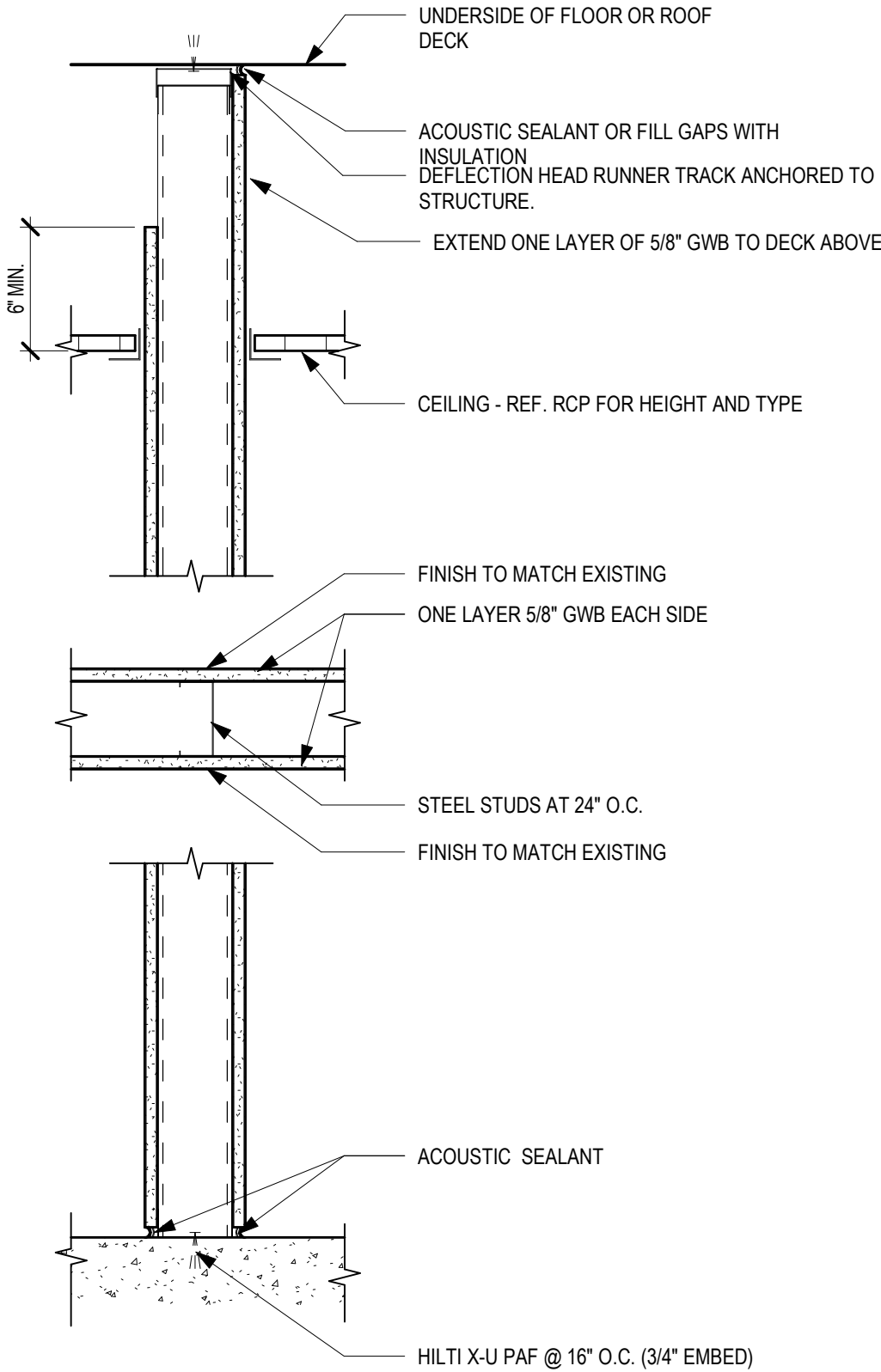
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12/13/2024 10:51:33 AM

CLARK KUCS ARCHITECTS, LLC COPYRIGHT 2024

ARCHITECTURAL ABBREVIATIONS			
Ø ⊥	DIAMETER PERPENDICULAR	K.O.	KNOCK OUT
A.N.S.I.	AMERICAN NATIONAL STANDARDS INSTITUTE	L.H.	LEFT HAND
A.B.	ANCHOR BOLT	L.V.T.	LUXURY VINYL TILE
A.C.T.	ACOUSTICAL CEILING TILE	LAM.	LAMINATED
A.D.A.	AMERICANS WITH DISABILITIES ACT	LAV.	LAVATORY
A.F.F.	ABOVE FINISHED FLOOR	LN.	LINEUM
A.H.J.	AUTHORITIES(J)TY HAVING JURISDICTION	LW.	LIGHTWEIGHT
A.I.A.	AMERICAN INSTITUTE OF ARCHITECTS	M.D.F.	MEDIUM DENSITY FIBERBOARD
A.O.R.	ARCHITECT OF RECORD	M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING
A.P.	ACCESS PANEL	M.O.	MASONRY OPENING
A.S.T.M.	AMERICAN SOCIETY FOR TESTING AND MATERIALS	M.P.	METAL PANEL
A/C	AIR CONDITIONING	M.R.	MOISTURE RESISTANT
ABV.	ABOVE	M.R.G.W.B.	MOISTURE RESISTANT GYPSUM WALL BOARD
ACC.	ACCESSIBLE	MAINT.	MAINTENANCE
ADD.	ADDENDUM	MAX.	MAXIMUM
ADJ.	ADJUST(ABLE)	MECH.	MECHANICAL
AGG.	AGGREGATE	MFR.	MANUFACTURE(R)
AL.	ALUMINUM	MGR.	MANAGER
ALT.	ALTERNATE	MH.	MANHOLE
AND.	AND/ODD	MIN.	MINIMUM
ARCH.	ARCHITECT(URAL)	MISC.	MISCELLANEOUS
ASSOC.	ASSOCIATION(S)	MOD.	MODULAR
AUTO.	AUTOMATIC	MTD.	MOUNTED
		MTL.	METAL
B.M.	BENCH MARK	(N)	NEW
B.O.	BOTTOM OF	N	NORTH
B.P.	BUILDING PAPER	N/A	NOT APPLICABLE
B.U.R.	BUILT UP ROOFING	NIC	NOT IN CONTRACT
BATT.	BATT INSULATION	NOM	NOMINAL
BIT.	BITUMINUS	NTS	NOT TO SCALE
BLOG.	BUILDING		
BOL.	BOLLARD	OC	ON CENTER(S)
		OD	OUTSIDE DIAMETER
C.B.B.	CEMENTITIOUS BACKER BOARD	OCFI	OWNER FURNISHED, CONTRACTOR INSTALLED
C.C.T.V.	CLOSED CIRCUIT TV	OFOI	OWNER FURNISHED, OWNER INSTALLED
C.F.	CUBIC FOOT	OH	OVERHEAD
C.F.C.I.	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	OPP	OPPOSITE
C.G.	CORNER GUARD		
C.J.	CONTROL JOINT	P.	PAINT(ED)
C.M.U.	CONCRETE MASONRY UNIT	P.T.	PRESERVATIVE TREATED
C.O.	CLEAN OUT	P.T.D.	PAPER TOWEL DISPENSER
C.T.	CERAMIC TILE	PERF.	PERFORATED
CLG.	CEILING	PKG.	PARKING
CLR.	CLEAR(ANCE)	PL	PROPERTY LINE OR PLATE
COL.	COLUMN	PLAM.	PLASTIC LAMINATE
CONC.	CONCRETE	PNL.	PANEL
CONST.	CONSTRUCTION	psf.	POUNDS PER SQUARE FOOT
CONT.	CONTINUOUS, CONTINUE	psl.	POUNDS PER SQUARE INCH
CTR.	CENTER	PTN.	PARTITION
		PWD.	PLYWOOD
D.A.	DOUBLE ACTING		
D.P.	DAMP PROOFING	Q.T.	QUARRY TILE
D.S.	DOWNSPOUT	QA/QC	QUALITY ASSURANCE/ QUALITY CONTROL
D.W.	DISHWASHER		
DBL.	DOUBLE	R.A.	RETURN AIR
DEMO.	DEMOLISH/DEMOLITION	R.C.P.	REFLECTED CEILING PLAN
DEP.	DEPRESSED	R.D.	ROOF DRAIN
DEPT.	DEPARTMENT	R.H.	RIGHT HAND
DF.	ROUGH OPENING	R.O.	ROUGH OPENING
dia.	DIAMETER	R.O.W.	RIGHT OF WAY
DIAG.	DIAGONAL	Rad.	RADIUS
DM.	DIMENSION	RE / REF.	REFERENCE
DSP.	DISPENSER OR DISPOSAL	RECT.	RECTANGULAR
DIV.	DIVISION	REFR.	REFRIGERATOR
DMT.	DEMOUNTABLE	REM.	REMOVE(A)L
DN.	DOWN	REPL.	REPLACE
DR.	DOOR	REQ.	REQUIRED
DTL.	DETAIL	REV.	REVISION(S), REVISED
DWG.	DRAWING(S)	RM.	ROOM
DWR.	DRAWER		
(E)	EXISTING	S	SOUTH
E	EAST	S.A.F.	SELF-ADHERING FLASHING
E.J.T.	EXPANSION JOINT	S.A.M.	SELF ADHERED MEMBRANE
E.P.	ELECTRICAL PANEL	S.C	SOLID CORE
EA.	EACH	S.P.M.	SINGLE PLY MEMBRANE
ELEC.	ELECTRICAL	S.S.	STAINLESS STEEL
ELEV.	ELEVATION OR ELEVATOR	S.T.C.	SOUND TRANSMISSION CLASSIFICATION
EMER.	EMERGENCY	SV	SHEET VINYL
EQ.	EQUAL	SCHED.	SCHEDULE
EQUIP.	EQUIPMENT	SEC.	SECTION
EXH.	EXHAUST	sf	SQUARE FEET
EXP.	EXPANSION	SIM.	SIMILAR
EXP.	EXPOSED	SPEC.	SPECIFICATION(S)
EXT.	EXTERIOR	SQ.	SQUARE
		SSF.	SOLID SURFACE
F.A.	FIRE ALARM	STD.	STANDARD
F.A.C.P.	FIRE ALARM CONTROL PANEL	STL.	STEEL
F.A.F.	FLUID APPLIED FLOORING	STOR.	STORAGE
F.C.P.	FIBER CEMENT PANEL	STR.	STRUCTURAL
F.D.	FLOOR DRAIN, FIRE DAMPER	SUSP.	SUSPENDED
F.E.	FIRE EXTINGUISHER	T&G	TONGUE AND GROOVE
F.E.C.	FIRE EXTINGUISHER CABINET	T.B.	TOWEL BAR
F.F.	FINISH FLOOR	T.O.	TOP OF
F.G.I.	FACILITY GUIDELINES INSTITUTE	T.O.C.	TOP OF CURB OR CONCRETE
F.H.C.	FIRE HOSE CABINET	T.O.F.	TOP OF FRAMING
F.O.	FACE OF	T.O.P.	TOP OF PARAPET OR TOP OF PLATE
F.O.C.	FACE OF CONCRETE	T.O.W.	TOP OF WALL
F.O.F.	FACE OF FINISH	T.S.	TUBE STEEL
F.O.M.	FACE OF MASONRY	T.V.	TELEVISION
F.O.S.	FACE OF STUD OR STEEL	TEL.	TELEPHONE
F.P.	FIREPROOFING	TEMP.	TEMPERATURE / TEMPERED / TEMPORARY
F.R.P.	FIBER-REINFORCED PLASTIC	TKBD.	TACKBOARD
FT.	FIRE TREATED	TRANS.	TRANSFORMER
FGL.	FIBERGLASS	TYP.	TYPICAL
FIN.	FINISHED		
FLR.	FLOORING	U.L.	UNDERWRITERS LABORATORY
FND.	FOUNDATION	U.N.O	UNLESS NOTED OTHERWISE
FL.	FOOT OR FEET	UR.	URINAL
FTG.	FOOTING	V.B.	VAPOR BARRIER
G.B.	GRAB BAR	V.C.T.	VINYL COMPOSITION TILE
G.M.S.	GLASS MAT SUBSTRATE	V.G.	VERTICAL GRAIN
G.W.B.	GYPSUM WALL BOARD	VERT	VERTICAL
ga.	GAUGE		
GALV.	GALVANIZED	W.	WEST
GL.	GLASS, GLAZING	W.C.	WATER CLOSET
GYP.	GYPSUM	W.C.O.	WALL CLEANOUT
GYP. BD.	GYPSUM BOARD	W.F.	WIDE FLANGE
GYP. SH.	GYPSUM SHEATHING	W.H.	WATER HEATER
H.B.	HOSE BIBB	W.P.M.	WEATHERPROOF MEMBRANE
H.C.	HOLLOW CORE	W.R.B.	WEATHER RESISTIVE BARRIER
H.M.	HOLLOW METAL	W.S.	WATERSTOP
H.V.A.C.	HEATING, VENTILATING, AIR CONDITIONING	W.W.F.	WELDED WIRE FABRIC
HDR.	HEADER	W/	WITH
HDR.	HEADER	W/O	WITHOUT
HDW.	HARDWARE	WD.	WOOD
HDW.	HARDWOOD	WP.	WATERPROOF(ING)
HOR.	HORIZONTAL		
HR.	HOUR	yd.	YARD(S)
HT.	HEIGHT		
HTG.	HEATING		
I.D.	INSIDE DIAMETER		
INS/ INSUL.	INSULATE(D), INSULATION		
INT.	INTERIOR		
J.M.L.	JANITOR		
JT.	JOINT		
K.D.	KNOCK DOWN		

PARTITION TYPE:

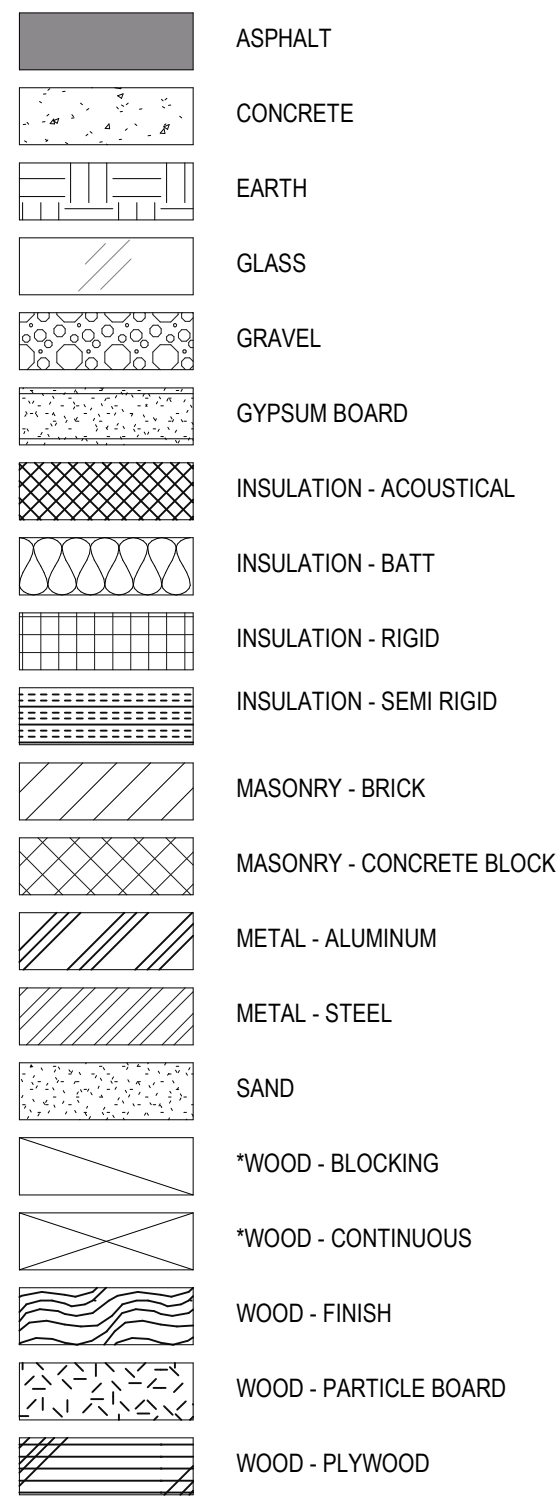


GA FILE NO WP 1072 (GENERIC)
STC 35-38

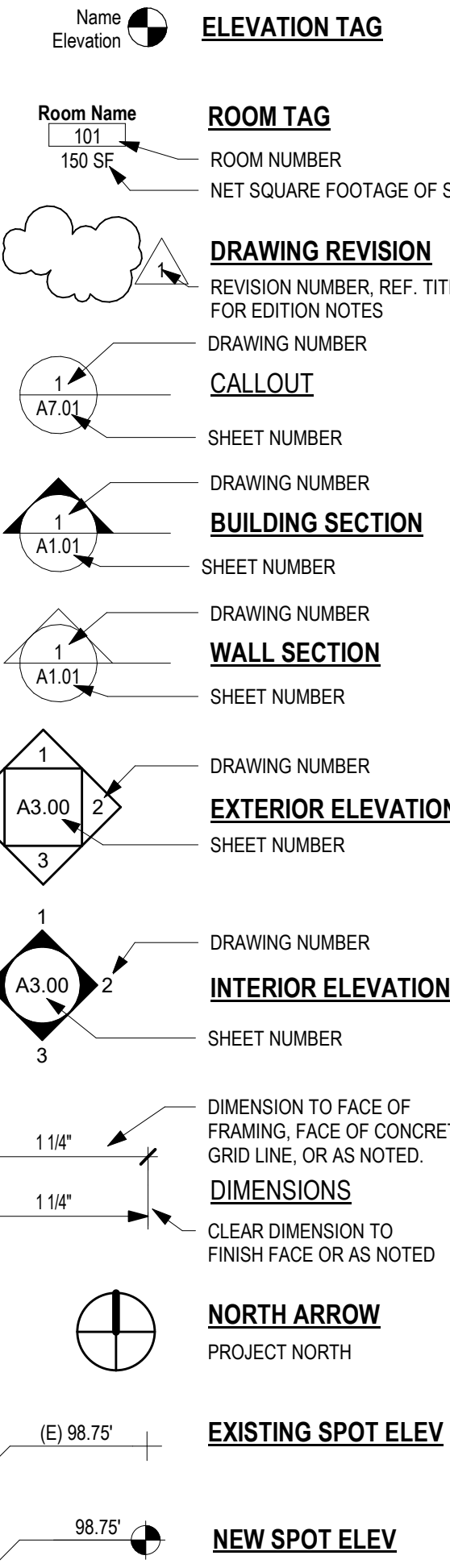
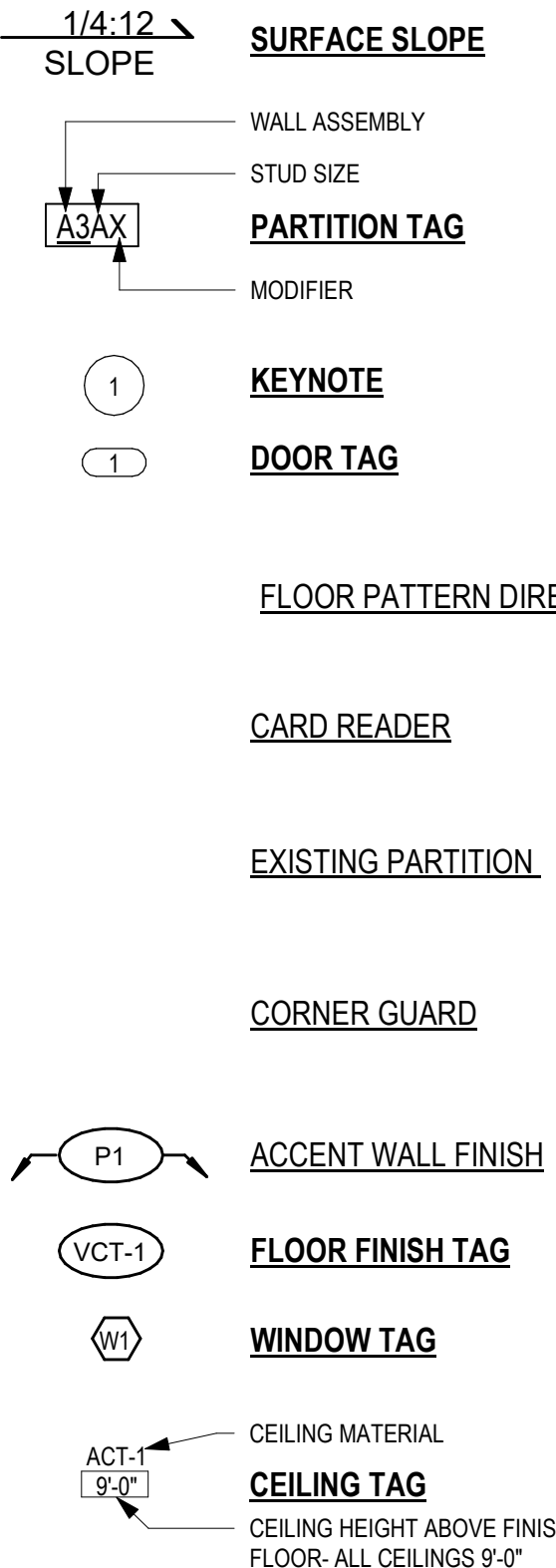
STUD SIZE
P23 = 3 5/8"
P26 = 6"

8
00.02
NON-RATED PARTITION
1 1/2" = 1'-0"

TYPICAL HATCHES



TYPICAL SYMBOLS



GENERAL NOTES - ARCHITECTURAL

- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK.
- DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS. DO NOT SCALE DRAWINGS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND COORDINATION OF SUBCONTRACTORS WORK. COMPLIANCE WITH THE DRAWINGS AND SPECIFICATIONS, ACCURATE LOCATION OF STRUCTURAL MEMBERS, AND OPENINGS FOR MECHANICAL, ELECTRICAL, AND MISCELLANEOUS EQUIPMENT.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND CLEARANCES FROM MANUFACTURER PRIOR TO THE CONSTRUCTION AND INSTALLATION OF ALL EQUIPMENT, FURNISHINGS, AND ACCESSORIES. PROVIDE BACKING, BLOCKING, OR STRAPPING AS REQUIRED FOR GRAB BARS, SHELVEING, EQUIPMENT, HANDRAILS, ACCESSORIES, AND CABINETS. COORDINATE LOCATIONS OF IN-WALL ITEMS TO AVOID BACK TO BACK INSTALLATION.
- CONTRACTOR SHALL VERIFY DIMENSIONS AND CLEARANCES FROM MANUFACTURER PRIOR TO THE CONSTRUCTION AND INSTALLATION OF ALL EQUIPMENT, FURNISHINGS, AND ACCESSORIES. PROVIDE BACKING, BLOCKING, OR STRAPPING AS REQUIRED FOR GRAB BARS, SHELVEING, EQUIPMENT, HANDRAILS, ACCESSORIES, AND CABINETS. COORDINATE LOCATIONS OF IN-WALL ITEMS TO AVOID BACK TO BACK INSTALLATION.
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- REF. MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL ELECTRICAL AND EQUIPMENT INFORMATION.
- UNLESS OTHERWISE NOTED, ALL MATERIAL AND DESIGN SPECIFICATIONS CITED HEREIN SHALL CONFORM TO THE MOST RECENT BUILDING CODE FOR THE AUTHORITY HAVING JURISDICTION.
- THESE ARCHITECTURAL NOTES ARE A SUPPLEMENT TO THE PROJECT SPECIFICATIONS (WHEN USED). ANY DISCREPANCY FOUND AMONG THE ARCHITECT WHO SHALL CLARIFY ANY DISCREPANCY IN WRITING. ANY WORK DONE BY THE CONTRACTOR AFTER DISCOVERY OF SUCH DISCREPANCY SHALL BE DONE AT THE CONTRACTORS RISK.
- CONTRACTOR SHALL VERIFY AND COORDINATE THE DIMENSIONS SHOWN ON DRAWINGS PRIOR TO PROCEEDING WITH ANY WORK OR FABRICATION.
- THE ARCHITECTURAL DRAWINGS REPRESENT THE DESIGN INTENT AND ARE NOT INTENDED TO INDICATE THE MEANS AND METHOD OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCING, AND SAFETY REQUIRED FOR THIS PROJECT.
- ALL FEATURES OF CONSTRUCTION NOT FULLY SHOWN SHALL BE THE SAME TYPE AND CHARACTER AS SHOWN FOR SIMILAR CONDITIONS SUBJECT TO REVIEW BY THE ARCHITECT.
- ALL PRODUCTS AND MATERIALS BEING PROVIDED BY THE CONTRACTOR SHALL BE APPLIED, PLACED, ERRECTED, OR INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND RECOMMENDATIONS.
- THESE DOCUMENTS CONTAIN NOTES THAT MAY APPLY GENERALLY TO ALL DESIGN ELEMENTS, SPECIFICALLY TO ONE SHEET, OR SPECIFICALLY TO ONE OR MORE DESIGN ELEMENTS. THE NOTES ARE NOT MERELY GUIDELINES. THEY ARE PART AND PARCEL OF THE DESIGN. ANY WORK THAT IS PERFORMED THAT IS NOT IN COMPLIANCE WITH THE NOTES IS NOT IN COMPLIANCE WITH THE DESIGN AND IS SUBJECT TO REJECTION. ANY ALTERATION, MODIFICATION, DELETION, OR ADDITION TO THE NOTES BY WRITING, ACT OR FAILURE TO ACT, SHALL BE CARRIED OUT ONLY WITH THE PRIOR EXPRESS WRITTEN CONSENT AND APPROVAL OF THE ARCHITECT.

DIMENSION CONVENTIONS

- DO NOT SCALE FROM DRAWINGS: ALL DIMENSIONS INDICATED AS V.I.F. OR "X" SHALL BE FIELD VERIFIED AND COORDINATED WITH THE WORK OF ALL TRADES. WHEN DIMENSION INDICATED AS "CLEAR" OR "CLR.", THE DIMENSIONS ARE TO THE FACE OF FINISH AND CODE REQUIRED. CODES FOR REQUIRED DIMENSIONS ARE SHOWN THROUGHOUT THE DOCUMENTS AND ARE APPLICABLE IN ALL CONDITIONS.
- DIMENSIONING STANDARDS: DIMENSIONS ARE TO GRID LINE, FACE OF CONCRETE, C.M.U. OR STUD, UNLESS NOTED OTHERWISE IN PLANS.
- CONTROL DIMENSIONS FOR BUILDING LOCATION IS RELATIVE TO PROPERTY LINE AND BENCHMARK DATUM ARE SET BY THE CIVIL DOCUMENTS. MISSING USE THE BUILDING START POINT ON THE SITE PLAN.
- THE BUILDING DATUM IS AN ARTIFICIAL DATUM SET FROM THE SURVEY. CIVIL, TOPOGRAPHICAL, CONTIGUOUS, AND OTHER DATUMS ARE SHOWN ON THE CIVIL DOCUMENTS.
- CONTROLLING DIMENSIONS FOR THE BUILDING ARE NORMALLY SET BY THE "X" SERIES DRAWINGS. THE "X" SERIES DRAWINGS NORMALLY SET PRIMARY STRUCTURAL ELEMENTS. THE CONTRACTOR SHALL HAVE RESPONSIBILITY TO COORDINATE INFORMATION OF ALL DISCIPLINES TO DETERMINE EXACT DIMENSIONS, LOCATIONS, AND OTHER INFORMATION.
- THE STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS. PRIMARY STRUCTURAL ELEMENTS ARE DIMENSIONED ON THE STRUCTURAL DRAWINGS. PLANS, AND DETAILS. NOT ALL SECONDARY DIMENSIONS ARE SHOWN ON STRUCTURAL DRAWINGS SUCH AS EXACT DOOR AND WINDOW LOCATIONS, WALL CONFIGURATIONS, SLAB SLOPES AND DEPRESSIONS, CURBS ETC. COORDINATION OF THE STRUCTURE WITH THE DIMENSIONS AS SHOWN ON THE DRAWINGS AND ARCHITECTURAL ITEMS EMBEDDED INTO, OR ATTACHED TO, THE STRUCTURE IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- DIMENSIONAL DISCREPANCIES BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS OR BETWEEN DIFFERENT DRAWINGS WITHIN THE ARCHITECTURAL SERIES, OR DIMENSIONS WHICH ARE UNABLE TO BE DETERMINED, SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION IN WRITING PRIOR TO THE FABRICATION OF MATERIALS OR COMMENCEMENT OF THE WORK.
- INTERIOR DIMENSIONS ARE AS NOTED FOR SPECIFIC OTHER DIMENSIONAL CONDITIONS. SET LAYOUT TO CONTROL POINTS AS GIVEN.
- OPEN DIMENSIONS: WHERE DIMENSIONS ARE NOT GIVEN, LAY OUT TO KNOWN CONTROL POINTS AND LAY OUT OPEN DIMENSIONS ACCORDINGLY.
- DOORS: ALL DOORS IN WOOD FRAMING ARE 4 1/2" FROM THE OUTSIDE EDGE OF THE HINGE SIDE FRAME TO THE NEAREST PERPENDICULAR SURFACE U.N.O. WHEN USED ANY DOOR IN MASONRY SHALL BE TO THE FACE OF MASONRY OR OFFSET 8" PER PLAN.
- WHEN USED COILING OR OVERHEAD DOORS OF ANY TYPE ARE CENTERED WITHIN THE INDICATED AREA U.N.O.

GRAPHIC CONVENTIONS

- WALL ASSEMBLY TYPE SYMBOLS APPLY TO THE FULL LENGTH OF CONTINUOUS WALLS INCLUDING OFFSETS AND AROUND CORNERS UNLESS INDICATED OTHERWISE (U.N.O.).
- CHANGES IN PARTITION TYPES ARE INDICATED BY DIFFERENT SYMBOLS OCCURRING AT EACH SIDE OF A TRANSITION OR INTERRUPTION, OR BY A CHANGE IN THE GRAPHICS ON THE PLAN, UNLESS REQUIRED FOR CLARITY.
- DRAWING REFERENCE SYMBOLS: DRAWINGS CROSS-REFERENCES NORMALLY ARE REFERENCED ON SMALLER SCALE DRAWINGS TO THE NEXT LARGER SCALE VIEW. FOR EXAMPLE, A BUILDING ELEVATION WILL SHOW A WALL SECTION, AND THE WALL SECTION WILL REFER TO THE LARGER-SCALE DETAILS WHICH APPLY. U.N.O.
- REFER TO LARGEST AVAILABLE DETAIL OR VIEW TO DETERMINE COMPLETE ASSEMBLY, CONDITION AND/OR DIMENSION, AND FOR SIMILAR INFORMATION, WHERE DRAFTING DISCREPANCIES OCCUR BETWEEN VIEWS OF SAME CONDITION AT DIFFERENT SCALES, THE LARGER-SCALE VIEW GOVERNS U.N.O.
- DETAIL VIEWS MAY BE DRAFTED TO CONVEY ONLY PORTIONS OF THE OVERALL CONDITION AT A SPECIFIC LOCATION. REFER TO OTHER SIMILAR AND SUPPORTING VIEWS TO DETERMINE OVERALL CONDITION OR ASSEMBLY IN PLACE.

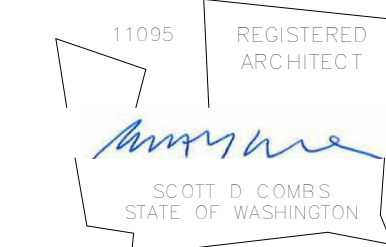
DRAWING NOTATIONS

- TYP (TYPICAL): INDICATES THAT THE INDIVIDUAL ELEMENT NOTED OR REFERENCED IS REPRESENTATIVE OF LIKE ITEMS AND/OR CONDITIONS WHICH ARE SHOWN IN THE SAME DRAWING BUT FOR SOME REASONS OF DRAFTING CLARITY ARE NOT INDIVIDUALLY NOTED OR REFERENCED.
- SM (SIMILAR): INDICATES THAT THE REQUIRED BUILT CONDITION DEPICTED IS SIMILAR TO BUT NOT IDENTICAL TO THE REFERENCED VIEW.
- CONT (CONTINUOUS): INDICATES THAT THE ELEMENT OR CONDITION SO NOTED IS CONTINUOUS ALONG FULL EXTENT OF OVERALL ASSEMBLY SHOWN. EXAMPLE: "SEALANT CONT" INDICATES THAT SEALANT SHALL BE APPLIED ALONG FULL EXTENT OF SEAM TO FORM WEATHER-TIGHT SEAL.
- OPP (OPPOSITE): INDICATES THAT THE DRAWING REFERENCED IS DRAWN OPPOSITE-HAND TO THE CONDITION, WHEN USED IN CONJUNCTION WITH A NOTE, THE TERM REFERS TO CONDITION AT OPPOSITE SIDE OF DRAWN CONDITION WHERE THE ITEM IS INSTALLED OR OPERATED IN THE OPPOSITE DIRECTIONS, I.E. WINDOW OPERATION.
- CLR (CLEAR): INDICATES THAT THE DIMENSION PROVIDED IS TO FACE OF FINAL FINISH, CODE OR GOVERNING BODY REQUIRES IT. NOTE: CLEAR DIMS ALWAYS TAKE PREORITY TO OTHER DIMENSIONS.

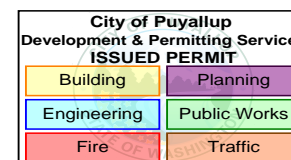
PRESERVATIVE TREATED WOOD

- ALL WOOD IN CONTACT WITH CONCRETE, EXPOSED TO WEATHER, SOIL, WATER OR INTERIOR HIGH MOISTURE CONDITIONS SHALL BE PRESERVATIVE TREATED OR SHALL BE OF NATURALLY DURABLE SPECIES. PRESERVATIVE TREATMENT SHALL MEET THE REQUIREMENTS OF A.W.P.A. FOR THE APPLICABLE USE CATEGORIES. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE PRESERVATIVE TREATED WOOD IS RATED FOR THE USE REQUIREMENTS FOR EACH APPLICATION DESCRIBED AS FOLLOWS:
A. UC1: INTERIOR USE AND INSECT PROTECTION ONLY
B. UC2: INTERIOR DAMP CONDITIONS
C. UC3A: EXTERIOR USE, NO GROUND CONTACT AND PROTECTED FROM WEATHER
D. UC3B: EXTERIOR USE, NO GROUND CONTACT BUT EXPOSED TO WEATHER
E. UC4A: GROUND AND/OR FRESH WATER CONTACT
F. UC4B: HEAVY DUTY GROUND AND/OR FRESH WATER CONTACT
G. UC5A: BRACKISH OR SALT WATER EXPOSURE
2. AT ALL CONDITIONS WHERE TREATED WOOD AND ALUMINUM ARE ADJACENT TO EACH OTHER (TO PREVENT DIRECT CONTACT), PROVIDE CONTINUOUS SELF-ADHERING FLEXIBLE MEMBRANE FLASHING.

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PRCT120241964



STERILE PROCESSING ROOM REMODEL
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP
401 15TH AVE SE, PUYALLUP, WA 98372

ISSUE DATE: 12/18/24

REVISIONS:

GENERAL NOTES

G0.02

PROJECT NO.: 24025

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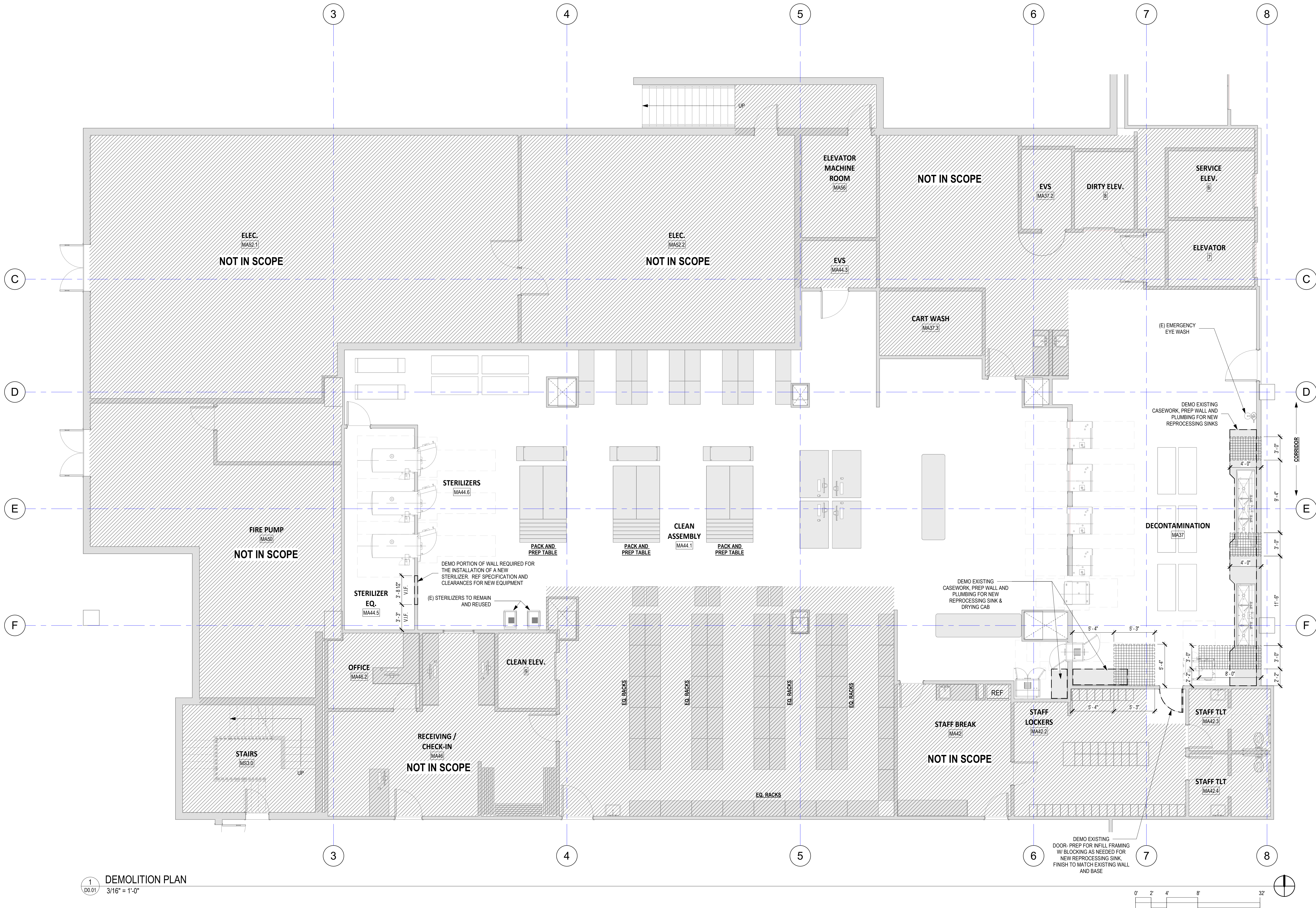
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1
00.01 DEMOLITION PLAN
3/16" = 1'-0"



GENERAL NOTES: DEMOLITION

1. CONTRACTOR SHALL VERIFY LIMITS OF DEMOLITION WORK.
2. THIS DRAWING IDENTIFIES ONLY MAJOR WORK FOR DEMOLITION AND REMOVAL. ALL AREAS OF DEMOLITION SHALL BE CLEARED OF ALL ITEMS MAJOR AND MINOR TO RECEIVE INSTALLATION OF NEW CONSTRUCTION AND FINISHES.
3. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION.
4. CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES AND CONDITIONS PRIOR TO COMMENCING WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. REPORT ANY DISCREPANCIES BETWEEN DIMENSIONS FOUND IN FIELD AND DIMENSIONS ON DRAWINGS TO ARCHITECT.
5. LOCATE ALL WIRES, PIPES, UTILITIES, STRUCTURAL MEMBERS, ETC. PRIOR TO ANY DEMOLITION. CUTTING OF ANY ITEM WHICH IS NOT PART OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, INCLUDING ANY TESTING OR SPECIAL OBSERVATION TO CORRECT THE PROBLEM.
6. PATCH AND PAINT WALLS, FLOORS, AND SUBFLOOR TO MATCH EXISTING WHERE WORK HAS DISTURBED EXISTING CONDITIONS.
7. ALL EXISTING FINISHES ARE TO BE PROTECTED FROM DAMAGE. DAMAGED AREAS SHALL BE REPAIRED AT NO COST TO THE OWNER.
8. DEMOLITION SCOPE PER PHASING - REFERENCE PHASING PLANS FOR ADDITIONAL INFORMATION.
9. REFER TO M.E.P. DRAWINGS FOR ADDITIONAL DEMOLITION NOTES AND INSTRUCTIONS.
10. CONTRACTOR SHALL VISIT PROJECT SITE PRIOR TO BIDDING AND START OF DEMOLITION TO FAMILIARIZE THEMSELVES WITH THE SCOPE OF WORK, AND FIELD VERIFY EXISTING CONDITIONS. BRING ANY DISCREPANCIES TO ARCHITECT'S ATTENTION FOR WRITTEN RESOLUTION, PRIOR TO BIDDING/ STARTING WORK. PRIOR TO DEMOLITION ACTIVITIES, CONTRACTOR SHALL SCHEDULE A WALK-THROUGH WITH OWNER AND MEP ENGINEER FOR REVIEW OF ITEMS TO BE REMOVED. OWNER RESPONSIBLE FOR REMOVING FURNITURE AND EQUIPMENT TO BE STORED, ALL REMAINING ITEMS TO BE LABELED FOR REUSE, SALVAGE OR TO BE DISPOSED.
12. PERFORM DEMOLITION WITH CARE. PROTECT ADJACENT CONDITIONS TO REMAIN UNDISTURBED FROM DAMAGE. ANY DAMAGE TO BE REPAIRED TO LIKE NEW CONDITION PER GENERAL CONDITIONS.
13. OWNER HAS FIRST RIGHT OF SALVAGE TO FIXTURES, EQUIPMENT, AND BUILDING SYSTEM MATERIALS REMOVED DURING DEMOLITION. OWNER TO PROVIDE CONTRACTOR WRITTEN LIST OF ITEMS TO BE SALVAGED AND DELIVERED TO OWNER. TAKE CARE IN REMOVAL AND STORAGE PRIOR TO DISPOSITION.
14. CLEAN AND STORE ITEMS REMOVED FOR REINSTALLATION OR RELOCATION. REFER TO ALL DISCIPLINES CONSTRUCTION DOCUMENTS FOR COMPLETE LIST OF ITEMS. SUBMIT TO ARCHITECT FOR CONFIRMATION OF CONFORMANCE.
15. NOTIFY OWNER OF INTENT TO START DEMOLITION OR RENOVATION WORK MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO COMMENCEMENT.
16. NOTIFY THE OWNER A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO COMMENCEMENT OF UTILITY SHUT-DOWNS.
17. PROVIDE TEMPORARY SHORING OR SUPPORT OF MATERIALS AND SYSTEMS TO REMAIN TO MAINTAIN THE STRUCTURAL INTEGRITY AND FUNCTION USED DURING OR AFTER DEMOLITION IS COMPLETE.
18. DO NOT CUT INTO OR ALTER OPENINGS IN WALLS, FOOTINGS, OR ROOF DECK MATERIALS WITHOUT PROPER SHORING, BRACING, OR SUPPORTS TO MAINTAIN INTEGRITY OF STRUCTURE. CONTRACTOR TO REVIEW MAJOR DEMOLITION SCOPE WITH STRUCTURAL ENGINEER PRIOR TO START OF WORK.
19. PROVIDE PERMANENT SUPPORT FOR MATERIALS AND SYSTEMS TO REMAIN.
20. REMOVAL OF HAZARDOUS WASTE PRIOR TO DEMOLITION ACTIVITY, BY OWNER UNDER SEPARATE CONTRACT.
21. NO KNOWN HAZARDOUS MATERIALS. A COPY OF THE HAZARDOUS MATERIALS REPORT INCLUDED IN SPECIFICATIONS IMMEDIATELY STOP WORK AND NOTIFY OWNER TO ARRANGE FOR PROPER REMOVAL IF HAZARDOUS MATERIALS SUSPECTED. CUT BACK AND CAP MECHANICAL, PLUMBING, AND ELECTRICAL LINES IN WORK AREA BEHIND FINISHED FACE OF FLOORING OR WALL.
22. PATCH PENETRATIONS TO MATCH ADJACENT CONDITIONS.
23. IN AREAS OF DEMOLITION WORK REMOVE ALL BUILDING SYSTEMS NOT REUSED, INCLUDING ASSOCIATED MATERIALS AND ACCESSORIES.
25. MAINTAIN FIRE OR ACOUSTICALLY RATED ASSEMBLIES - PATCH AND REPAIR AS NEEDED.
26. LOCATE AND MAINTAIN TEMPORARY, LARGE CAPACITY TYPE A-B-C FIRE EXTINGUISHERS OR TYPE AS REQUIRED BY LOCAL FIRE MARSHAL, FOR DURATION OF CONSTRUCTION.
27. REMOVE DEMOLITION WASTE FROM PROJECT SITE DAILY, AND DISPOSE PER APPLICABLE CODES. IF REQUIRED BY LOCAL CODES CONTRACTOR SHALL RECYCLE DEMOLITION DEBRIS IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION.
28. DEMOLITION NOTES ARE GENERAL IN NATURE AND IT SHALL BE UNDERSTOOD THAT IT IS NOT FEASIBLE TO SHOW EACH AND EVERY SPECIFIC REMOVAL. DEMOLITION DRAWINGS SHOULD BE USED IN CONJUNCTION WITH FULL CONSTRUCTION DOCUMENTS FOR PROPER COORDINATION.
29. WHERE NEW FINISHES INSTALLED STRIP OLD FINISHES AND PREPARE SUBSTRATE.
30. WHERE TOPPING SLABS APPLICABLE - BUSH HAMMER AND CLEAN CONCRETE SLAB SURFACE PRIOR TO POURING TOPPING SLAB.
31. WHERE DOOR OPENINGS ARE FILLED, REMOVE FRAME AND PATCH WALL TO MATCH ADJACENT SURFACES, U.N.O. ALIGN NEW FINISH FACE WITH ADJACENT, U.N.O.
32. GENERAL NOTES LISTED ON THIS PAGE ARE NOT INTENDED TO BE AT THE EXCLUSION OF NOTES LISTED ELSEWHERE; THIS DOCUMENT SET IS MEANT TO BE COMPLIMENTARY AND NOTES LISTED ON OTHER SHEETS MAY HAVE BEARING/ APPLICATION TO WORK SHOWN ON THIS SHEET.

LEGEND

- EXISTING TO BE REMOVED
- EXISTING PARTITION TO REMAIN
- SAW-CUT CONCRETE FLOOR - REF MEP
- NOT IN SCOPE OF PROJECT

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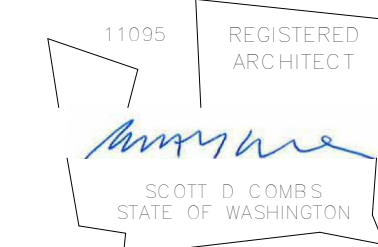
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REVISIONS:

DEMO PLAN

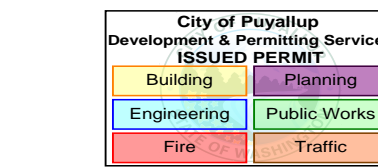
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PROJECT NO.: 24028

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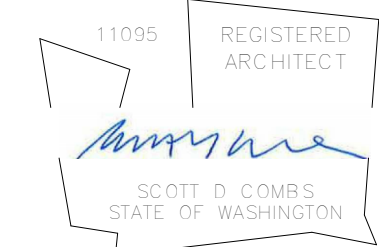
GENERAL NOTES: FLOOR PLANS

1. REF. SHEET G0.02 FOR LEGEND AND CONSTRUCTION ASSEMBLIES
2. ALL DIMENSIONS TO FACE OF STUD UNLESS OTHERWISE NOTED.
3. REF. MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION
4. REFER TO G SERIES FOR ABBREVIATIONS, SYMBOLS AND GENERAL PROJECT NOTES
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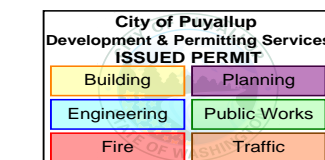
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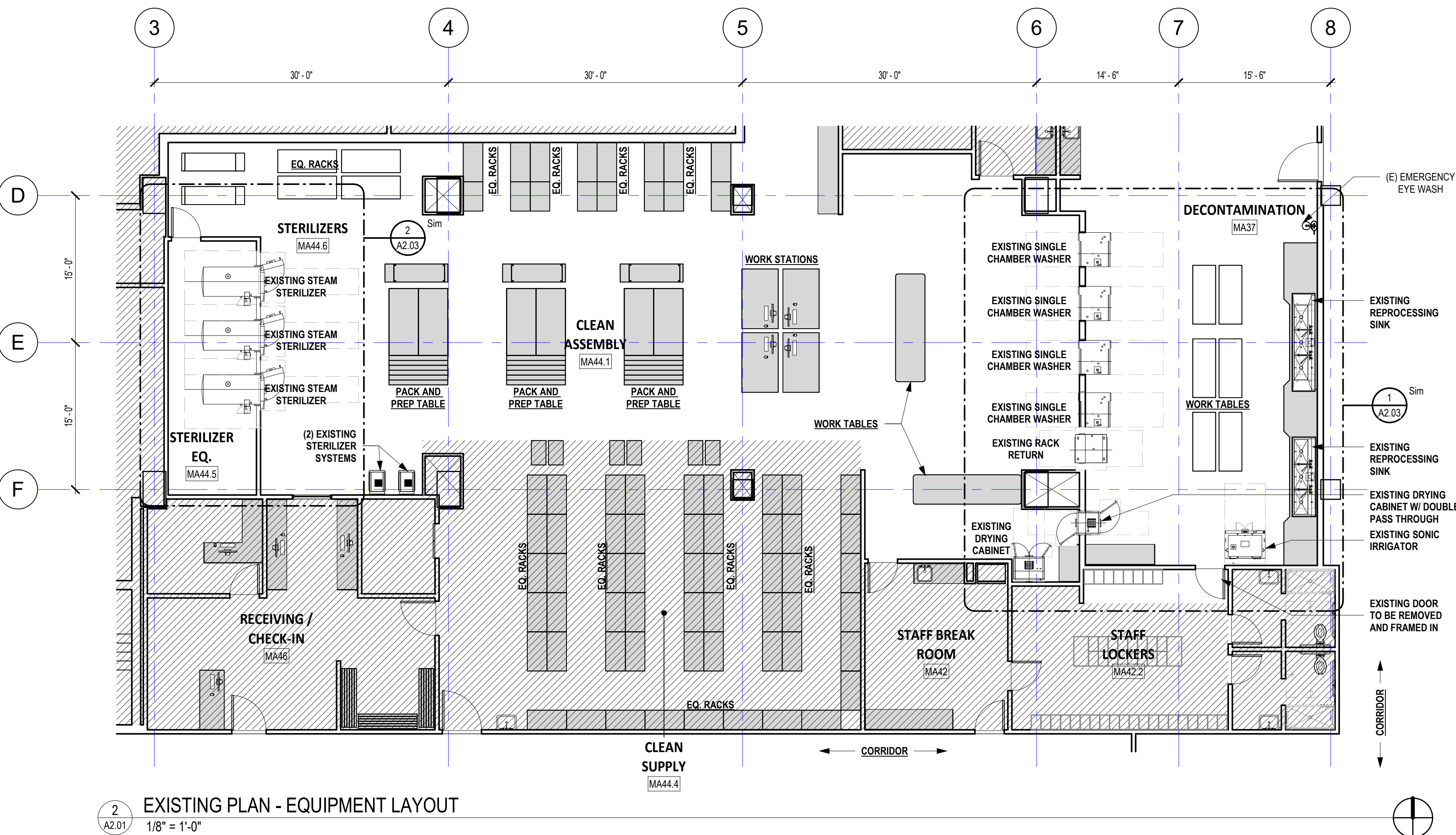
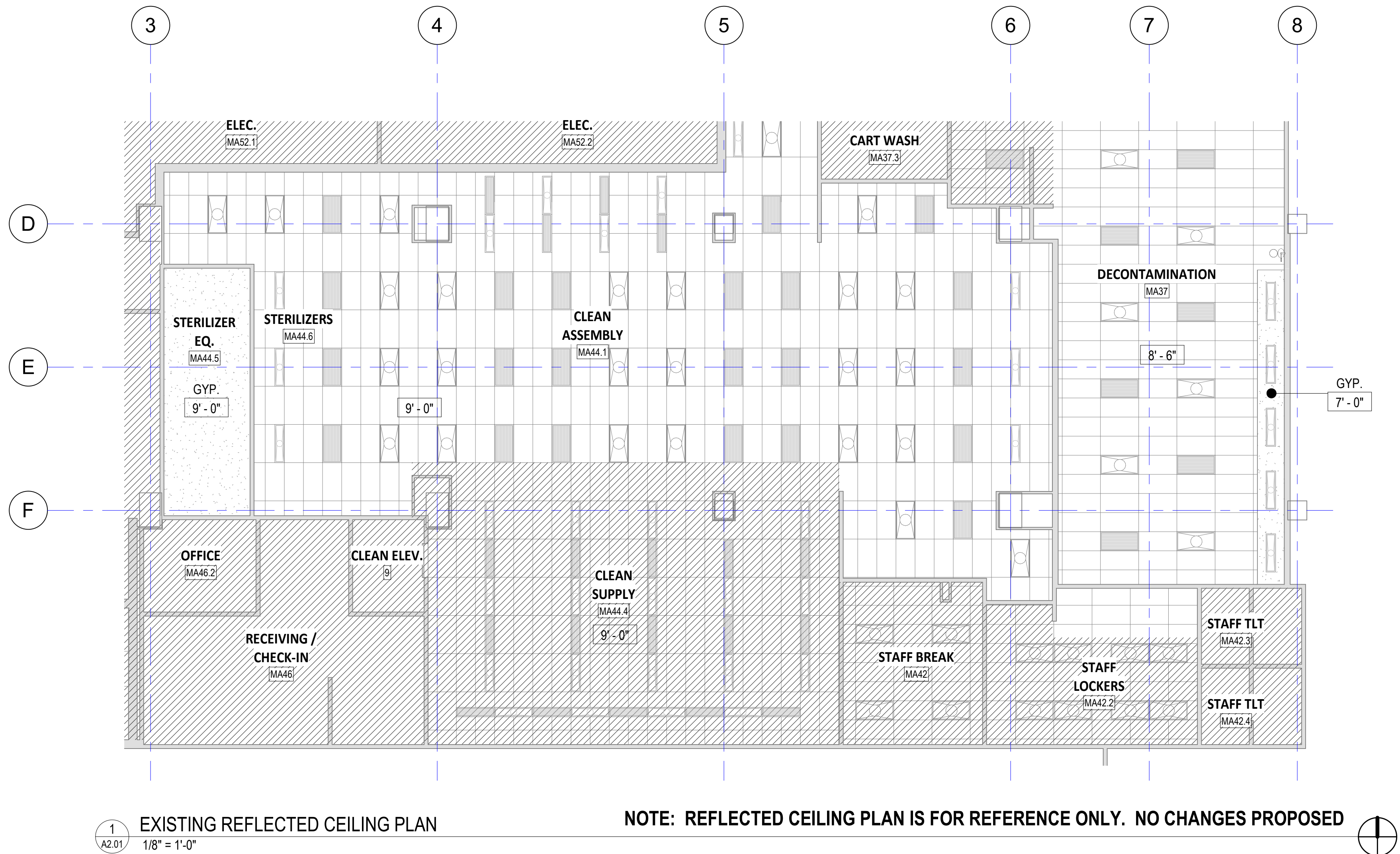


PRCT120241964



LEGEND

- EXISTING PARTITION
- NEW PARTITION - PART OF PHASE 1
- N.I.C. NOT IN CONTRACT - NO WORK PROPOSED



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EXISTING PLAN / RCP

A2.01

PROJECT NO.: 24028

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ISSUE DATE: 12/18/24

REVISIONS:

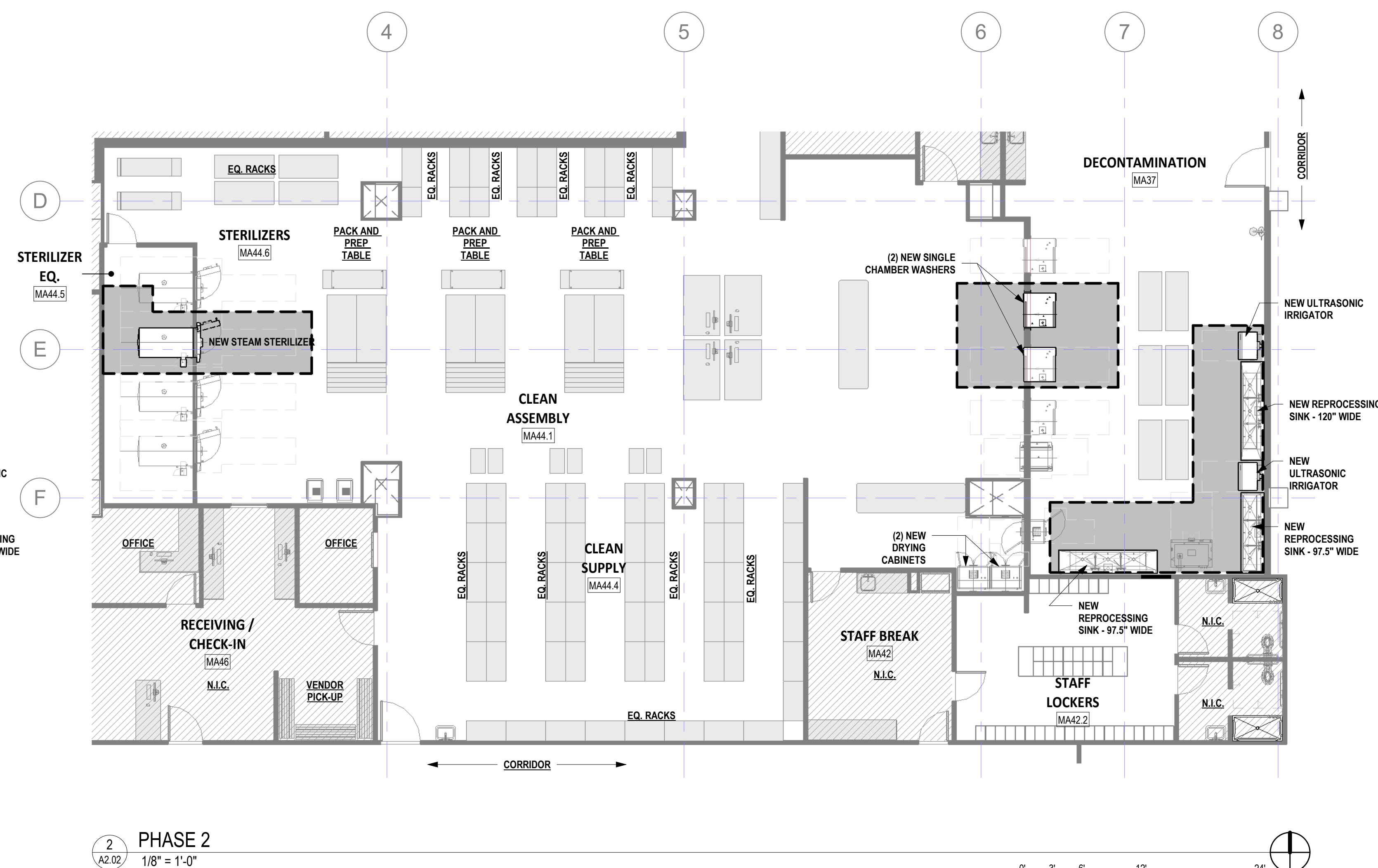
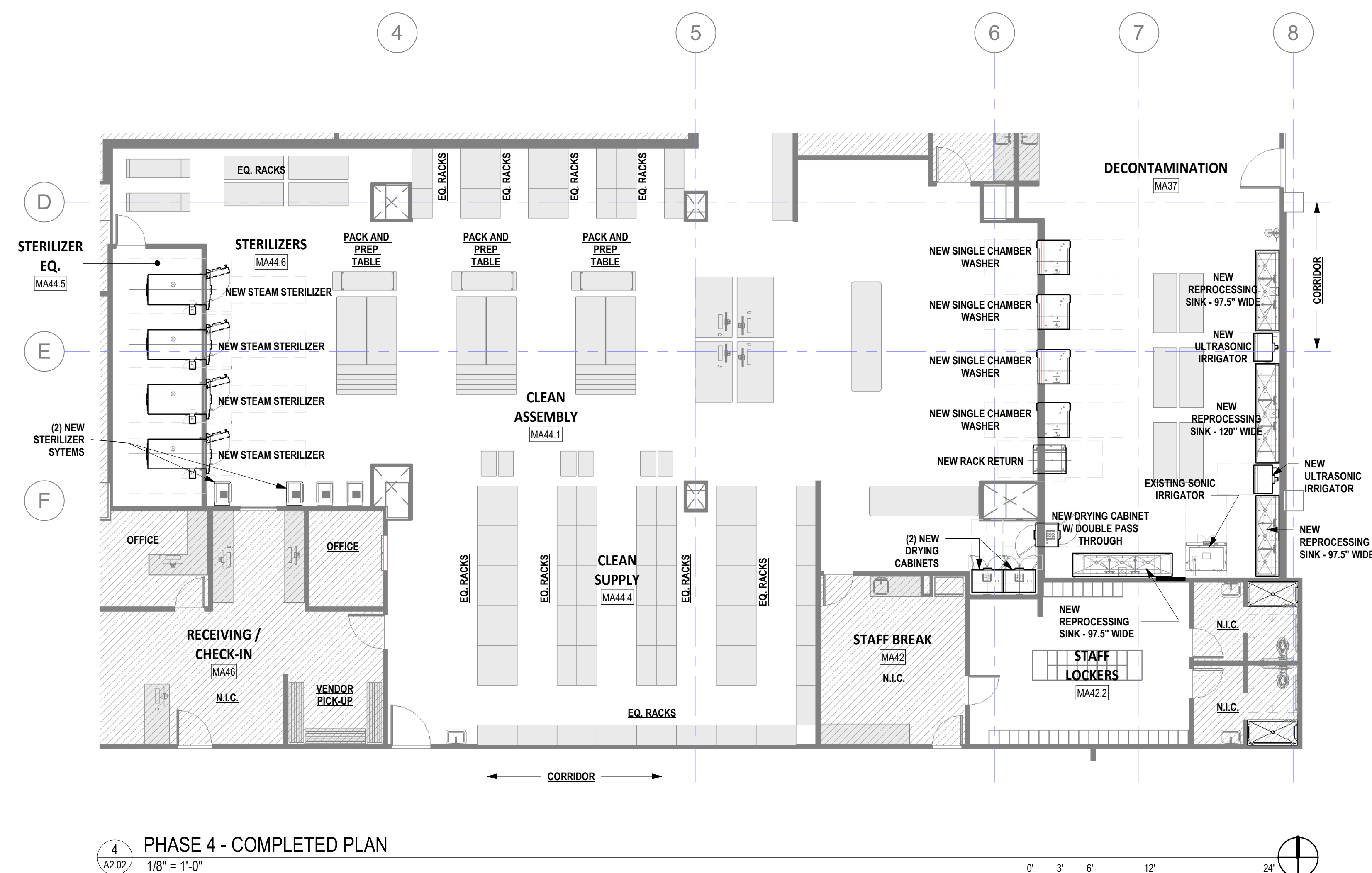
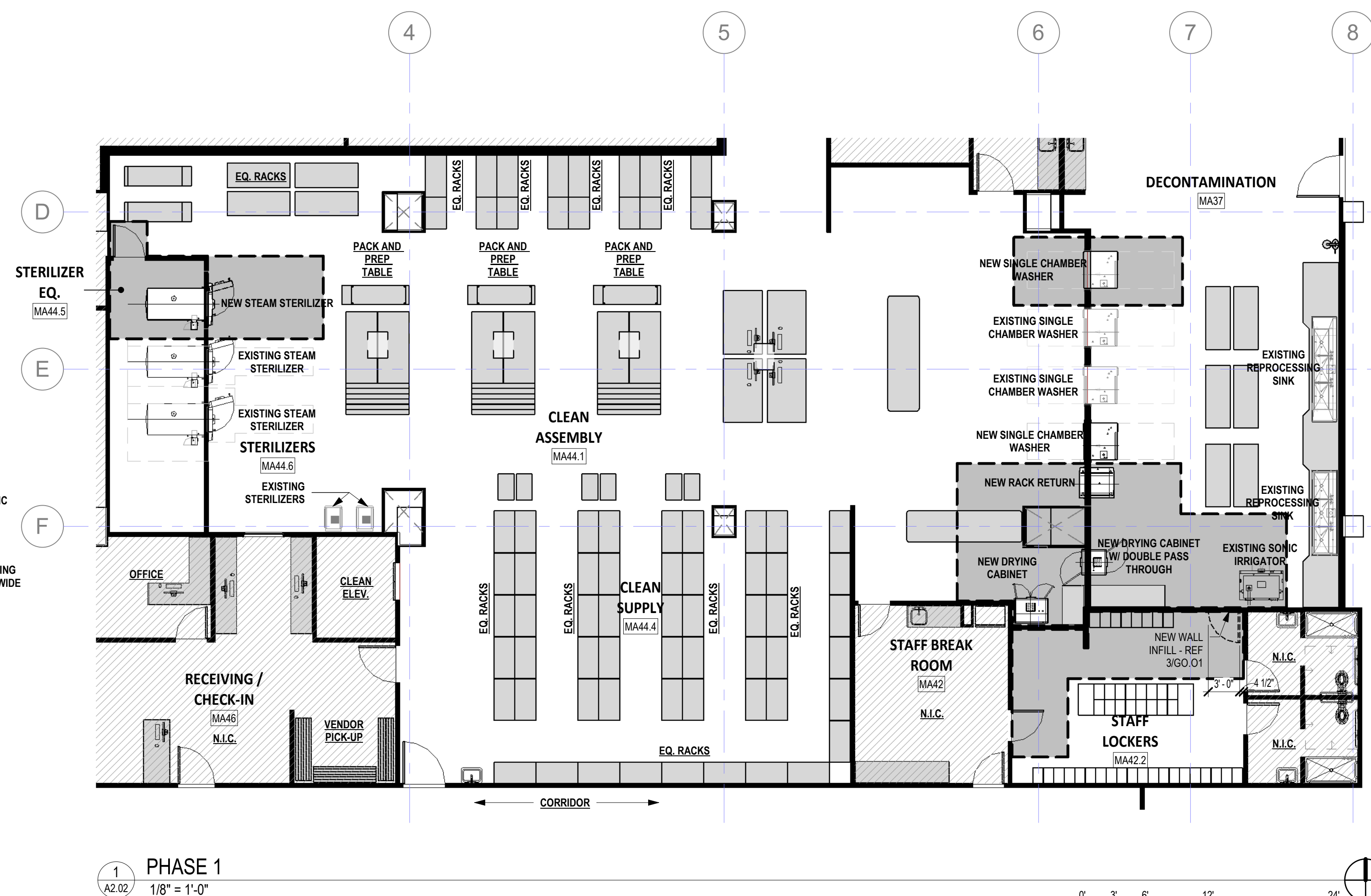
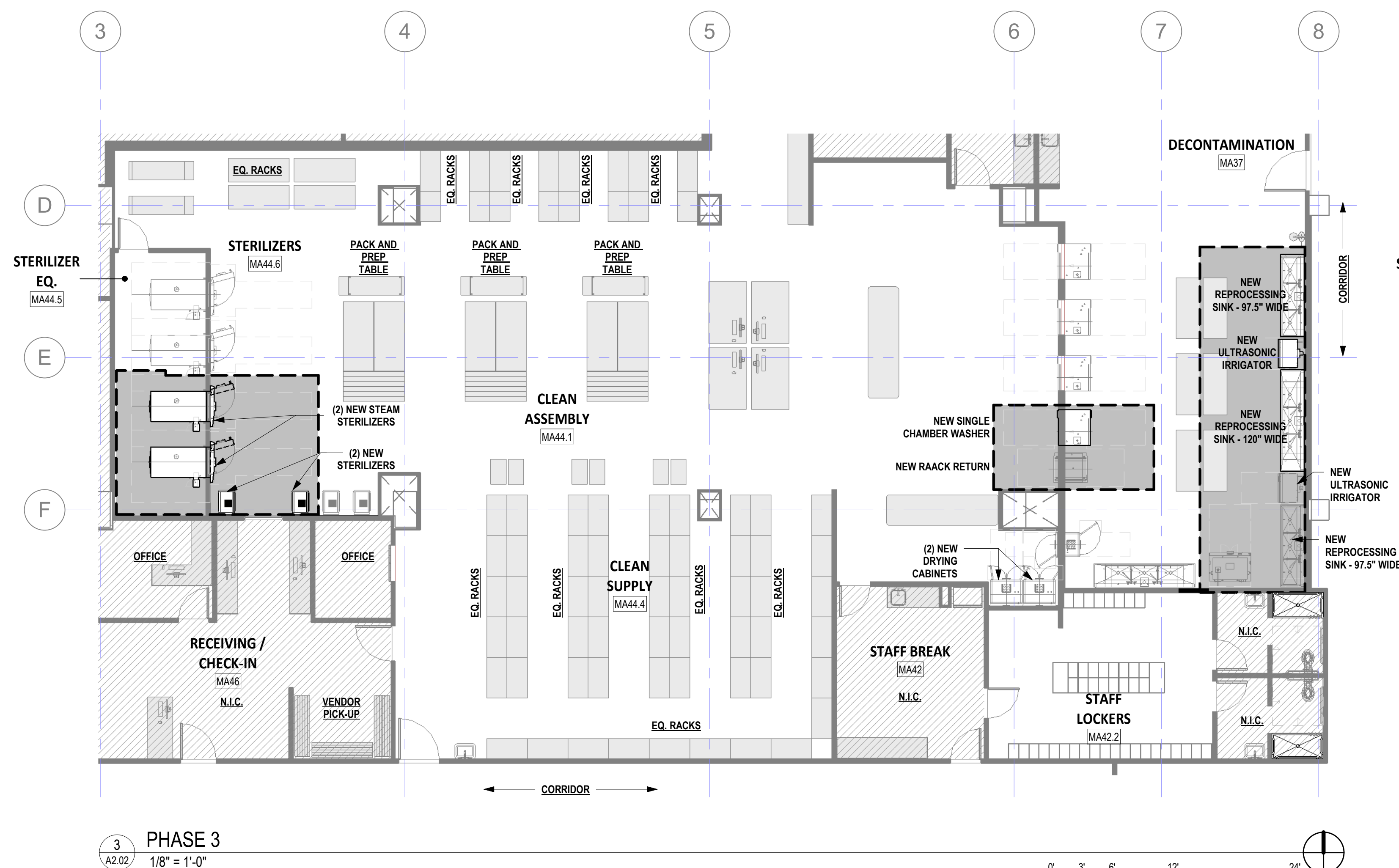
EQUIPMENT PLAN - PHASING

A2.02


PROJECT NO.: 24028

GENERAL NOTES:

FOR REFERENCE ONLY. CONTRACTOR TO DETERMINE BEST MEANS AND METHODS FOR PROJECT DELIVERY THROUGH ALL REQUIRED PHASING.



LEGEND

	EXISTING PARTITION
	NEW PARTITION - PART OF PHASE 1
	NOT IN CONTRACT - NO WORK PROPOSED

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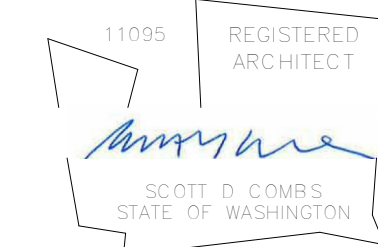
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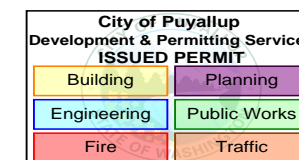
GENERAL NOTES: FLOOR PLANS

1. REF. SHEET G0 02 FOR LEGEND AND CONSTRUCTION ASSEMBLIES
2. ALL DIMENSIONS TO FACE OF STUD UNLESS OTHERWISE NOTED.
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PROPOSED EQUIPMENT PLAN

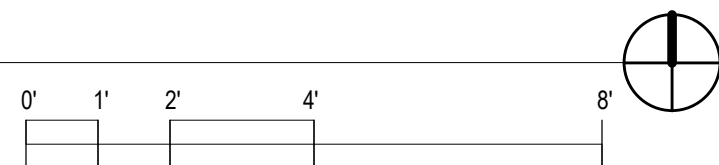
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PROJECT NO.: 24028

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3

2 ENLARGED PLAN WEST SIDE
3/8" = 1'-0"

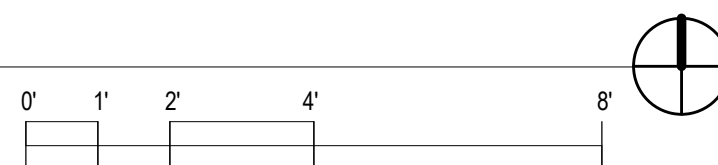


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7

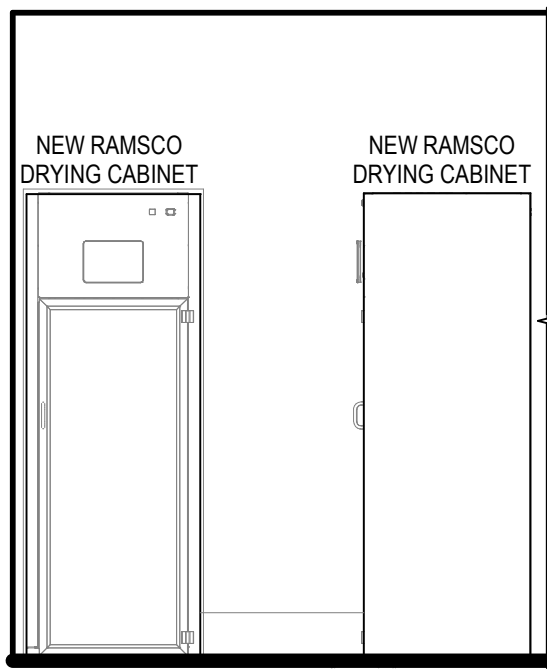
8

1 ENLARGED PLAN EAST SIDE
3/8" = 1'-0"

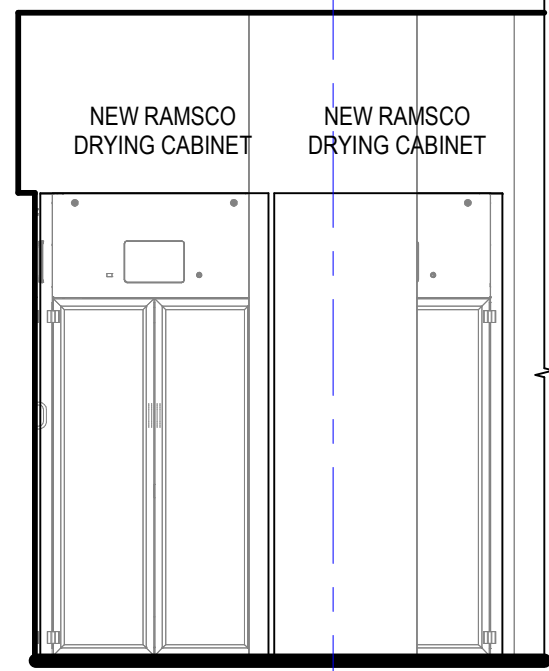


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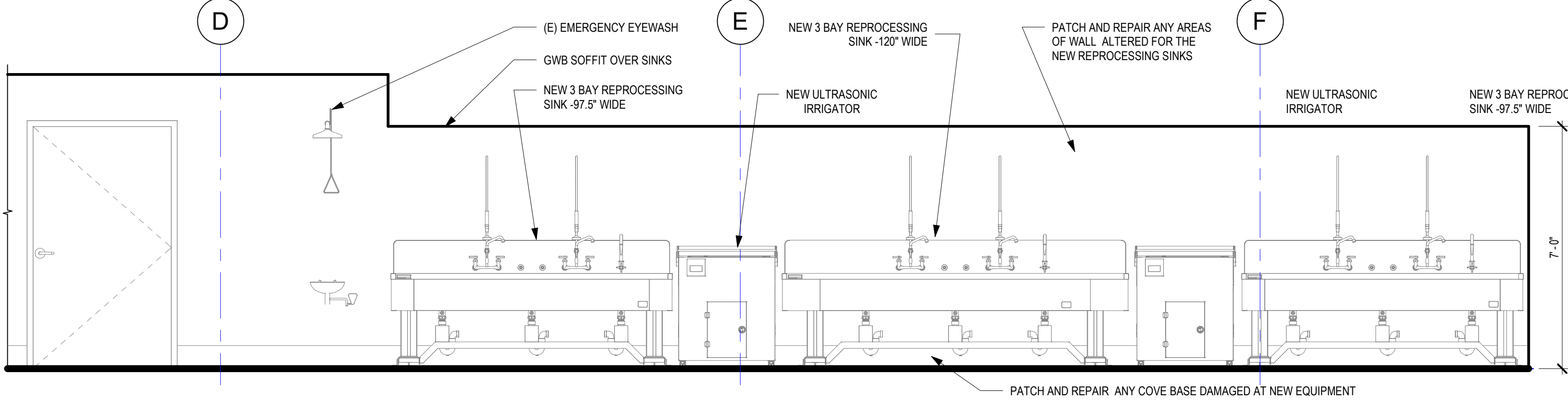
- EXISTING PARTITION
- NEW PARTITION - PART OF PHASE 1
- NOT IN CONTRACT - NO WORK PROPOSED



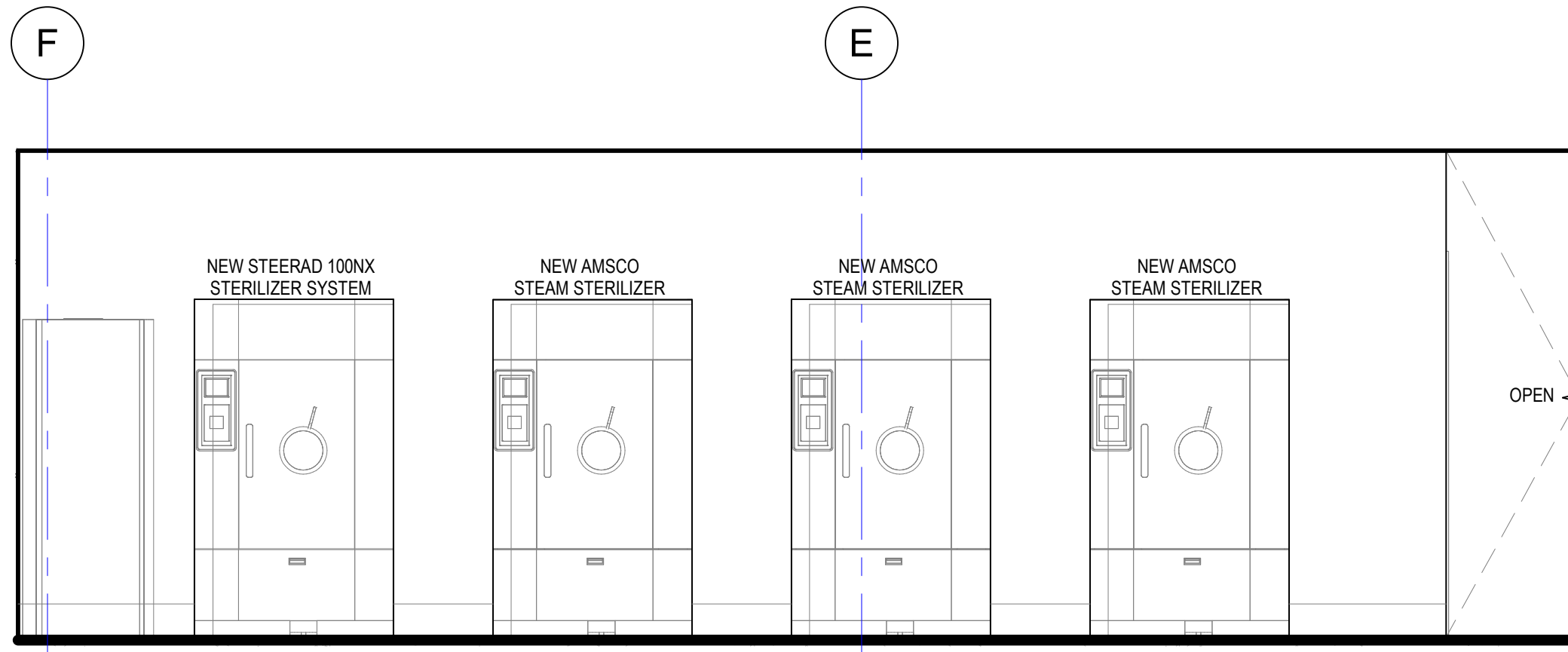
6 EAST WALL AT DRYING CABINET
3/8" = 1'-0"



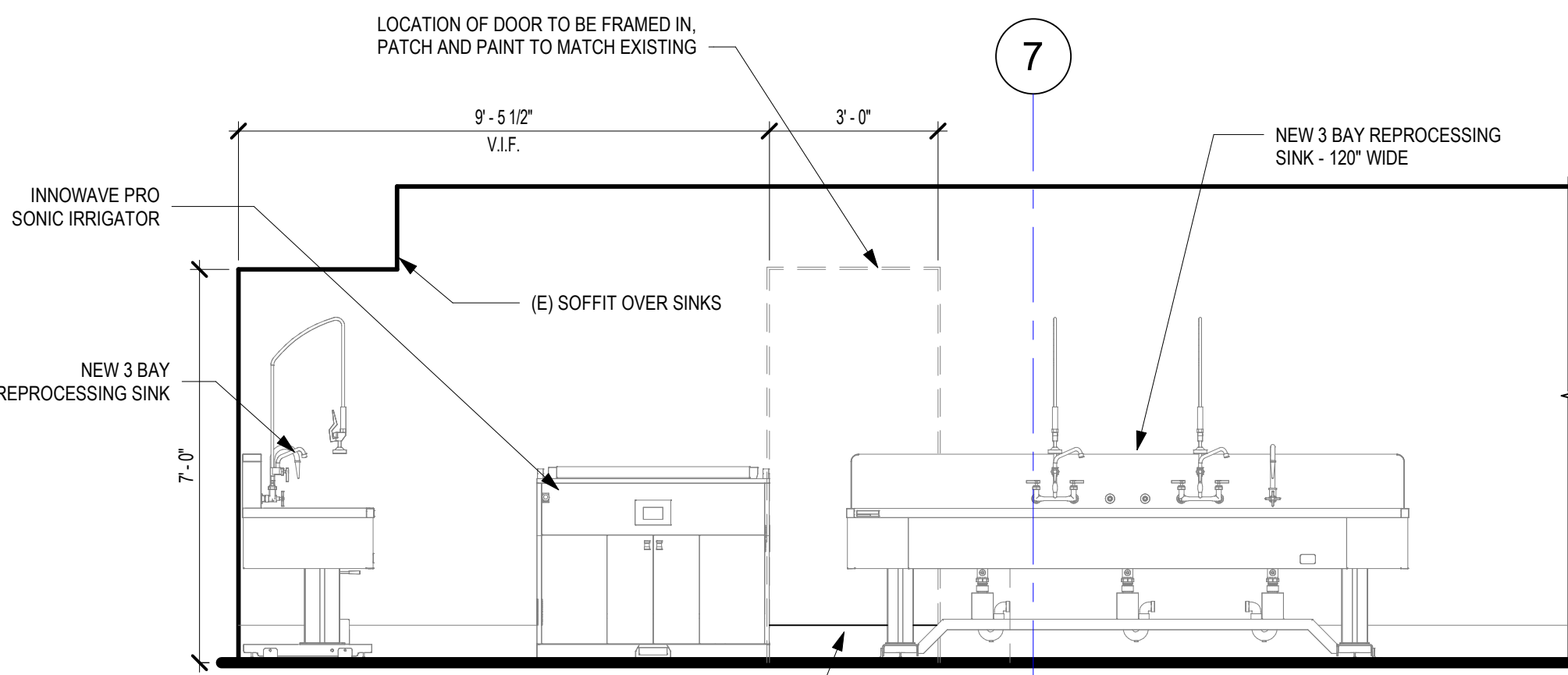
5 SOUTH WALL AT DRYING CABINET
3/8" = 1'-0"



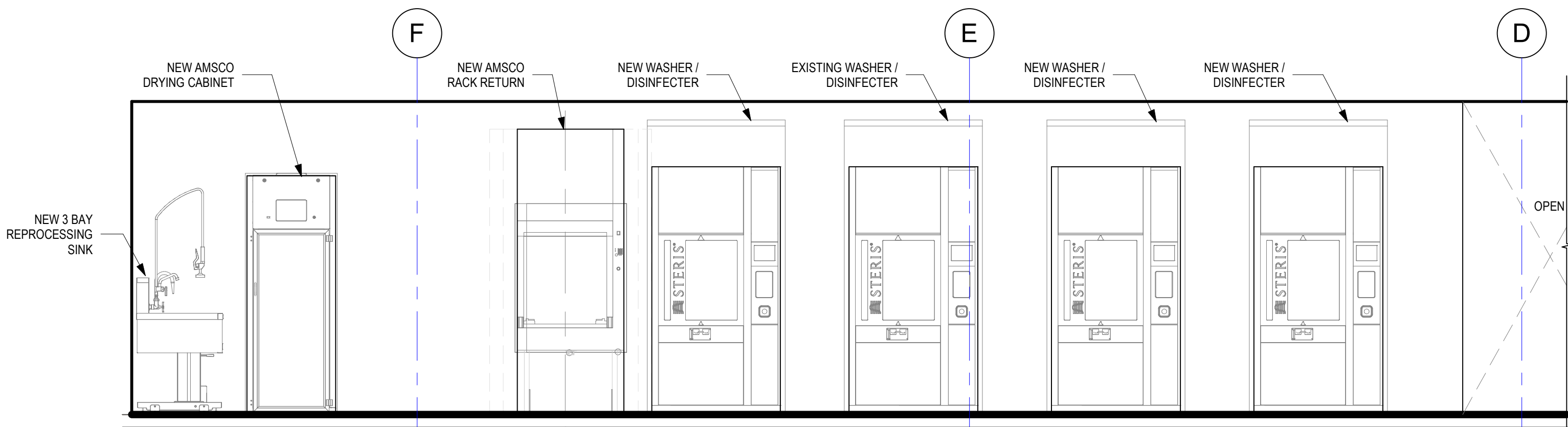
1 DECONTAMINATION - EAST WALL AT REPROCESSING SINKS
3/8" = 1'-0"



7 WEST WALL WITH STERILIZERS
3/8" = 1'-0"



2 DECONTAMINATION - SOUTH WALL AT NEW REPROCESSING SINK
3/8" = 1'-0"



3 DECONTAMINATION - WEST WALL WITH WASHER / DISINFECTOR
3/8" = 1'-0"



4 EAST WALL AT WASHER / DISINFECTORS
3/8" = 1'-0"

GENERAL NOTES: INTERIOR ELEVATIONS

3. PRIOR TO COVERING WALL, BACKING SHALL BE PROVIDED TO ACCOMMODATE ALL HUNG ITEMS AND ACCESSORIES CALLED FOR ON THE CONSTRUCTION DOCUMENTS. SUCH ITEMS CONSIST OF, BUT ARE NOT LIMITED TO: UPPER CABINETS, STORAGE SHELVING, TELEVISIONS, COMPUTER MONITORS, LAVATORY ACCESSORIES, AND FUTURE INSTALLATION OF GRAB BARS AT THE SIDES OF WATER CLOSETS.
4. ALL INTERIOR ELEVATION DIMENSIONS ARE FROM FINISHED FACE U.N.O. IT&E SHOWN ARE GENERIC IN PURPOSE REFERENCE SPECIFICATIONS OR SCHEDULES FOR ACTUAL MODELS.
5. FOR ADDITIONAL INFORMATION REFERENCE ENLARGED PLANS, ELECTRICAL, MECHANICAL, AND PLUMBING PLANS.
6. VERIFY SIZES, CLEARANCES, AND UTILITY DEMANDS OF ALL OWNER-FURNISHED EQUIPMENT. VERIFY SIZES OF ALL EQUIPMENT TO BE HOUSES/ INTEGRATED INTO OR ADJACENT TO MILLWORK (SINKS, ETC) PRIOR TO FABRICATION. INDICATE DIMENSIONS OF THESE AND REQUIRED CLEARANCES ON SUBMITTED SHOP DRAWINGS.
7. EXPOSED WALLS UNDER COUNTERS, CABINETS AND MILLWORK, OR BEHIND FIXTURES NOT AFFIXED TO STRUCTURE, TO RECEIVE WALL FINISH AS SCHEDULE OR THE ADJACENT WALLS.
8. REFERENCE ARCHITECTURAL DETAILS FOR REQUIRED BLOCKING OR BACKING BEHIND CABINETS AND EQUIPMENT.
9. PROVIDE CONTROL JOINTS/SH MOLDING AS SHOWN AND AT ALL HEADS OF WINDOWS AND DOOR FRAMES. IF NO CJ IS INDICATED LOCATE JOINTS A MINIMUM OF 20'-0" O.C. PER GYPSUM ASSOCIATION.
10. WATER SUPPLY AND DRAINPIPES SHALL BE INSULATED OR CONFIGURED TO PROTECT AGAINST CONTACT. NO SHARP OR ABRASIVE SURFACES UNDER LAVS AND SINKS.
11. SEAL ALL ACCESSORY FIXTURES WATERTIGHT PER BUILDING CODE.
12. PROVIDE CONTINUOUS SEALANT AROUND ALL PENETRATIONS IN FLOOR, WALL, CEILING, OR ROOF ASSEMBLIES, APPROPRIATE TO THE RATING CONSTRUCTION OF THE ASSEMBLY.
13. GENERAL NOTES ON THIS PAGE DO NOT EXCLUDE NOTES ELSEWHERE. THIS DOCUMENT SET IS COMPLEMENTARY NOTES ON OTHER SHEETS MAY HAVE BEARING/ APPLICATION TO WORK SHOWN ON THIS SHEET.

LEGEND

OWNER FURNISHED ITEMS (REF. SCHEDULE)

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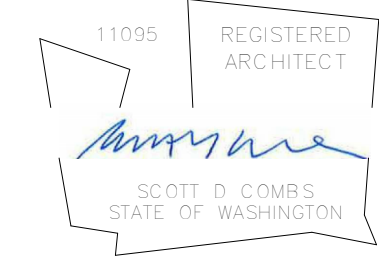
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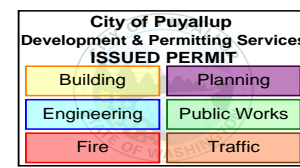
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INTERIOR ELEVATIONS

A5.01

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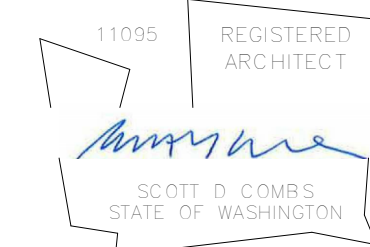
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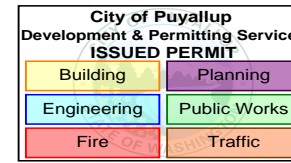
GENERAL NOTES: EQUIPMENT

- 1. HALFTONED ELEMENTS ARE NOT IN CONTRACT, SHOWN FOR REFERENCE AND DESIGN INTENT PURPOSES ONLY.
- 2. COORDINATE W/ MANUFACTURER FOR LOCATIONS TO PROVIDE WALL BACKING.
- 3. ROOM AREAS ARE FOR REFERENCE ONLY.

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EQUIPMENT SCHEDULE

Q1.01
PROJECT NO.: 24028

FOR REFERENCE ONLY

Tag	Qty	Equipment	Utility	Size	Pressure	Flow Rate	Temperature	Comment
02	2	AMSCO 53 (Adj.Ht.)-3 Bay Reprocessing Sink 97.5" (2477 mm)	Cold Water	1/2 inch	15 - 125 psi Dynamic	1.6 GPM (Max)	70F Maximum	
			Hot Water	1/2 inch	15 - 125 psi Dynamic	1.6 GPM (Max)	40 - 180F	
			Critical Water	1/2 inch	20 - 125 psi Dynamic	0.25 - 2 GPM	40 - 140F	
			Water Gun	1/2 inch	0 - 44 psi Dynamic	-	40 - 125F	Quick Connect Flex Coil connection
			Drain	1 1/2 inch	n/a	20 GPM	n/a	P-Trap included (20 GPM drain rate at each basin)
			Air	1/4 inch	30 psi Dynamic	2 CFM	n/a	
			Electric 120V 1PH (60Hz)	n/a	n/a	15 Amps	n/a	15 amp hospital grade GFCI outlet
03	2	Innowave Unity (20 Gallon) Wash Cycle	Cold Water	3/4 inch	30 - 70 psi Dynamic	3 - 8 GPM	41 - 86F	
			Hot Water	3/4 inch	30 - 70 psi Dynamic	3 - 8 GPM	122 - 176F	
			Drain	3/4 inch	n/a	8 GPM	140F	Floor Sink of Floor Drain Required
			Electric 208V 3PH (60Hz)	n/a	n/a	15 Amps	n/a	
			Heat Loss-Total (Btu/Hr)	n/a	n/a	700	n/a	
			Chemistries	n/a	n/a	n/a	n/a	Wash Detergent
04E	1	Innowave PRO Disinfection Cycle - With Pure Water (Pro)	Cold Water	3/4 inch	30 - 70 psi Dynamic	5.3 - 8 GPM	41 - 86F	
			Hot Water	3/4 inch	30 - 70 psi Dynamic	3 - 8 GPM	122 - 140F	
			Critical Water	3/4 inch	30 - 70 psi Dynamic	3 - 8 GPM	41 - 140F	
			Drain	2 1/8 inch	n/a	>47.56 GPM	140F	Gravity drain - 6x6inch(152x152mm) Floor Sink with 3inch (76mm) Minimum Drain outlet at bottom of sink Req'd (140F WITH / 203F WITHOUT DTV kit)
			Air	0.315 inch	80 - 100 psi Dynamic	18800	n/a	
			Electric 208V 3PH (60Hz)	n/a	n/a	48 Amps (63 Amp Breaker)	n/a	
			Heat Loss-Total (Btu/Hr)	n/a	n/a	7200	n/a	
			Heat Loss-Total (Btu/Hr) Disinfection	n/a	n/a	7200	n/a	
			Chemistries	n/a	n/a	n/a	n/a	Wash Detergent
05	4	AMSCO 7053HP (steam) Without Acu-Rinse Reservoir Drain Discharge Cool Down Condensate Return Cool Down Non-Vented Drying Flush Mounted	Cold Water	1/2 inch	30 - 50 psi Dynamic	10.7 - 14.1 GPM	70F Maximum	70F (21C) Maximum Temp
			Hot Water	1/2 inch	15 - 50 psi Dynamic	6.8 - 14.1 GPM	110 - 150F	
			Critical Water	1/2 inch	5 - 30 psi Dynamic	5.5 - 12.6 GPM	70 - 150F	
			Drain	1 1/2 inch	n/a	50 GPM	n/a	4inch (102mm) minimum with 8x8inch (204x204mm) Floor Sink Required
			Steam	1/2 inch	30 - 80 psi Dynamic	169 - 271 Lbs/Hr	n/a	
			Condensate Return	1/2 inch	n/a	0.54 GPM	n/a	
			Air	1/8 inch	80 - 125 psi Dynamic	1.75 SCFM	n/a	
			Electric 480V 3PH (60Hz)	1 to 1 1/4 inch	n/a	16.5 Amps (30 Amp Breaker)	n/a	
			Network	RJ45 jack	n/a	n/a	n/a	TCP/IP 100/1000 BaseT (Cat6) Ethernet Network Drop (each unit)
			Heat Loss-Load Side (Non-Vented) Btu/Hr	n/a	n/a	7069	n/a	
			Heat Loss-Unload Side (Non-Vented) Btu/Hr	n/a	n/a	2186	n/a	
			Heat Loss-Total (Non-Vented) Btu/Hr	n/a	n/a	9255	n/a	
			Heat Loss-Total (Vented) Btu/Hr	n/a	n/a	7445	n/a	
			Air Leakage-Flush Mounted	n/a	n/a	46.5 Sq.Inches	n/a	
			Chemistries	3 inch	n/a	n/a	n/a	Conduit size shown
06	1	AMSCO Rack Return	Air	1/8 inch	80 - 125 psi Dynamic	1 SCFM	n/a	
			Electric 120V 1PH (60Hz)	NEMA 5-15 (3 prong plug)	n/a	4 Amps (15 Amp Breaker)	n/a	Receptacle Outlet two-Pole with Ground Pin
			Air Leakage	n/a	n/a	Less Than 15 Sq.Inches	n/a	
10	1	AMSCO Drying Cabinet 26 inch (737mm) Pass-Through Double Door	Electric 120V 1PH (60Hz)	n/a	n/a	20 Amps (Actual=12-13 Warm-Up 6-8 Normal)	n/a	Pwr Cord-Plug NEMA 5-20 (10ft for Sgl Dr./8ft.6inch for Dbl Dr.)
			Heat Loss-Total (Btu/Hr)	n/a	n/a	2500	n/a	
11	2	AMSCO Drying Cabinet 38 inch (965mm) Single Door	Electric 120V 1PH (60Hz)	n/a	n/a	20 Amps (Actual=12-13 Warm-Up 6-8 Normal)	n/a	Pwr Cord-Plug NEMA 5-20 (10ft for Sgl Dr./8ft.6inch for Dbl Dr./Pass-Thru)
			Heat Loss-Total (Btu/Hr)	n/a	n/a	2500	n/a	
16	2	AMSCO 53 (Adj.Ht.)-3 Bay Reprocessing Sink 120" (3048 mm)	Cold Water	1/2 inch	15 - 125 psi Dynamic	1.6 GPM (Max)	70F Maximum	
			Hot Water	1/2 inch	15 - 125 psi Dynamic	1.6 GPM (Max)	40 - 180F	
			Critical Water	1/2 inch	20 - 125 psi Dynamic	0.25 - 2 GPM	40 - 140F	
			Water Gun	1/2 inch	0 - 44 psi Dynamic	-	40 - 125F	Quick Connect Flex Coil connection
			Drain	1 1/2 inch	n/a	20 GPM	n/a	P-Trap included (20 GPM drain rate at each basin)
			Air	1/4 inch	30 psi Dynamic	2 CFM	n/a	
			Electric 120V 1PH (60Hz)	n/a	n/a	15 Amps	n/a	15 amp hospital grade GFCI outlet
17	4	AMSCO 400 26 x 37.5 x 60 Single Manual Door	Cold Water	1 inch	20 - 50 psi Dynamic	13 GPM	70F Maximum	
			Drain	2 inch	n/a	13 GPM	n/a	Floor Drain Capacity must handle Peak Water Capacity
			Steam	1 inch	50 - 80 psi Dynamic	335 Lbs/Hr	n/a	
			Electric 480V 3PH (60Hz)	n/a	n/a	3 Amps (4 Amp Breaker)	n/a	Vacuum Pump
			Electric 120V 1PH (60Hz)	n/a	n/a	2 Amps (3 Amp Breaker)	n/a	
			Network	RJ45 jack	n/a	n/a	n/a	TCP/IP 100/1000 BaseT (Cat6) Ethernet Network Drop (each unit)
			Heat Loss-Load Side (Single Dr.) Btu/Hr	n/a	n/a	4000	n/a	
			Heat Loss-Service Area (Single Dr) Btu/Hr	n/a	n/a	12800	n/a	
			Heat Loss-Total (Single Dr) Btu/Hr	n/a	n/a	16800	n/a	
			Air Leakage	n/a	n/a	27.8 Sq.Inches	n/a	
			Air Leakage	n/a	n/a	168.7 Sq.Inches	n/a	
STERRAD EQUIPMENT								
19	2	STERRAD 100NX	ELECTRIC 208V 3PH (60hz) / DATA			30 AMPS		

DOH CD REVIEW / PERMIT SET

Phone: 503/224-4848

621 SW Adams St., Suite 700
Portland, OR 97205

MECHANICAL GENERAL NOTES

1.

MECHANICAL WORK IS NOT LIMITED TO MECHANICAL DRAWINGS. THERE IS ADDITIONAL MECHANICAL WORK TO BE INCLUDED IN THE BID INDICATED ON OTHER DRAWINGS AND IN OTHER SPECIFICATION DIVISIONS. CONTRACTOR SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL MECHANICAL WORK.

2.

SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR BUILDING SEISMIC & EXPANSION JOINTS. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING & DUCT SYSTEMS WHICH CROSS SUCH JOINTS, SIZED/CONFIGURED TO ACCOMMODATE SPECIFIED MOVEMENT (SEE SPECIFICATIONS) IN ANY DIRECTION W/O PERMANENT DAMAGE. SUBMIT DETAILS OF FLEXIBLE CONNECTIONS & LOCATIONS.

3.

VERIFY LOCATION OF PLUMBING FIXTURES WITH ARCHITECTURAL DRAWINGS BEFORE BEGINNING WORK. ARCHITECTURAL DRAWINGS GOVERN. PLUMBING FIXTURE HEIGHTS SHALL BE AS SHOWN ON ARCHITECTURAL DRAWINGS.

4.

NOT USED.

5.

ALL PIPING SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES. WHERE PIPES ARE ROUTED EXPOSED, INSTALL PIPES AS HIGH AS POSSIBLE IN JOIST SPACE.

6.

UNSIZED PLUMBING PIPING SHALL MATCH THE SIZE OF THE LARGEST ADJACENT CONNECTING PIPE SIZE SHOWN, WHERE THE ADJACENT PIPE IS NOT SHOWN (OR NOT CLEAR), THE PIPE SIZE SHALL BE BASED ON THE GPM FLOWING IN THE PIPE (USE FIXTURE UNITS AND CORRESPONDING GPM PER THE UPC FOR DOMESTIC WATER SYSTEMS, USE WASTE FIXTURE UNITS & UPC TABLES FOR WASTE/VENT SYSTEM), AND A VELOCITY NO GREATER THAN 4 FEET PER SECOND. USE UPC CURVES FOR GPM/VELOCITY FOR APPROPRIATE PIPING MATERIAL INVOLVED.

7.

ALL DUCT PENETRATIONS THRU WALLS AND FLOORS SHALL BE PROVIDED WITH CLOSURE COLLARS (BOTH SIDES OF PENETRATION) AND BE TIGHTLY SEALED TO PREVENT THE TRANSMISSION OF NOISE.

8.

CONTRACTOR SHALL CAREFULLY COORDINATE WORK W/ ALL OTHER TRADES, ESPECIALLY IN CEILING SPACES WHERE SPACE IS TIGHT. SHEET METAL CONTRACTOR SHALL HAVE PRIORITY OVER OTHER MECHANICAL TRADES IN CEILING SPACE WHERE CONFLICTS OCCUR.

9.

ALL DUCTWORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE ALL OFFSETS/ELBOWS AS REQ'D TO ALLOW ROUTING AROUND STRUCTURE, ELECTRICAL, & OTHER INTERFERENCES.

10.

FLEXIBLE DUCT LENGTH SHALL NOT EXCEED 8 FEET, AND MAY ONLY BE USED WHERE SPECIFICALLY SHOWN ON THE PLANS.

11.

PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS AND SPLITS IN MAIN DUCTS AND WHERE REQUIRED BY BALANCERS; ONLY SOME OF THE REQUIRED DAMPERS ARE SHOWN ON THE PLANS.

12.

UNSIZED DUCTS SHALL MATCH THE SIZE OF THE LARGEST ADJACENT DUCT THAT IS SIZED, WHERE THE ADJACENT DUCT SIZE IS NOT SHOWN, PROVIDE THE FOLLOWING SIZED DUCTS (OR EQUIVALENT RECTANGULAR).

CFM

DUCTS TO AIR INLETS/OUTLETS

OTHER DUCT

0 - 100

6" Ø

6" Ø

101 - 150

8" Ø

8" Ø

151 - 250

10" Ø

8" Ø

251 - 400

12" Ø

10" Ø

401 - 500

14" Ø

12" Ø

501 - 700

16" Ø

12" Ø

701 - 900

18" Ø

14" Ø

901 - 1200

20" Ø

16" Ø

1201 - 1500

18" Ø

1501 - 2000

20" Ø

2001 - 2400

22" Ø

>2401

SIZE BASED ON 500 FPM

SIZE BASED ON 0.08"/100" P.D.

13.

VERIFY LOCATIONS OF ITEMS INSTALLED IN CEILINGS WITH ARCHITECTURAL REFLECTED

CEILING PLANS PRIOR TO BEGINNING WORK. NOTIFY ARCHITECT/ENGINEER OF DISCREPANCIES.

14.

NOT USED.

15.

NOT USED.

16.

NOT USED.

17.

BALANCING NOTES: PROVIDE AIR BALANCING OF HVAC SYSTEM, DEIONIZED WATER SYSTEM & DOMESTIC HOT WATER SYSTEM.

18.

NOT USED.

19.

NOT USED.

20.

PROVIDE BUILDING ACCESS DOORS AS REQUIRED TO ACCESS MECHANICAL EQUIPMENT LOCATED ABOVE NON-REMOVABLE CEILINGSS.

21.

PROVIDE DUCT ACCESS DOORS AT ALL DAMPERS & BDD'S.

22.

PROVIDE ALL CEILING DIFFUSERS INSTALLED IN A HARD LID CEILING WITH AN OPPOSED BLADE DAMPER OR A REMOTE BALANCING DAMPER WHERE A TYPICAL MANUAL VOLUME DAMPER WOULDN'T BE ACCESSIBLE.

23.

WHERE RETURN GRILLE CFM'S ARE NOT INDICATED, BALANCER SHALL CALCULATE & SUBMIT FOR ENGINEER REVIEW. UNIT RA=SA-OA.

24.

PROVIDE FLEX CONNECTORS IN DUCT CONNECTIONS TO ALL EQUIPMENT.

25.

EXHAUST & TRANSFER GRILLES SHALL BE INSTALLED TO BE INLINE W/ EACH OTHER (UNO).

26.

PROVIDE TRANSITIONS FROM DUCT SIZES INDICATED TO CONNECTION SIZES AT EQUIPMENT TO MATCH UNIT CONNECTIONS. WHERE THE CONNECTING DUCT IS LINED, THE TRANSITION SHALL BE LINED.

27.

ALL EQUIPMENT, PIPING, & DUCT RUNS SHALL NOT COME INTO CONTACT WITH ADJACENT PIPING OR EQUIPMENT.

28.

SEE ARCHITECTURAL PHASING PLANS AND MECHANICAL PHASING NOTES ON SHEET M0.02.

29.

ALL ITEMS ARE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.

MECHANICAL LEGEND			
SYMBOL	DESCRIPTION	ABBREV.	DESCRIPTION
	WASTE OR SOIL (W)	AFF	ABOVE FINISHED FLOOR
	VENT (V)	AHJ	AUTHORITY HAVING JURISDICTION
	COLD WATER (CW)	APPROX	APPROXIMATELY
	HOT WATER (HW)	ARCH	ARCHITECTURAL
	HOT WATER CIRCULATING (HWC)	AUTO	AUTOMATIC
	CONDENSATE LINE (C)	BDD	BACKDRAFT DAMPER
	DEIONIZED WATER (DI)	BTU	BRITISH THERMAL UNIT
	REFRIGERANT GAS (RG)	BTUH	BRITISH THERMAL UNIT/HOUR
	REFRIGERANT LIQUID (RL) [WHERE SHOWN ON HVAC PLANS]	BLDG	BUILDING
	CLEANOUT	CAP	CAPACITY
	FLOOR DRAIN	CLS	CEILING
	ISOLATION VALVE - SEE SPECIFICATIONS FOR TYPE	CO	CLEANOUT
	BALANCING VALVE	COP	COEFFICIENT OF PERFORMANCE
	CHECK VALVE	COMP	COMPRESSOR
	UNION	CONN	CONNECTION
	RELIEF VALVE	CONT	CONTINUE, CONTINUATION
	AUTOMATIC AIR VENT	CTG	CEILING TRANSFER GRILLE
	STRAINER WITH BLOW-OFF VALVE	CFM	CUBIC FEET PER MINUTE
	CONCENTRIC REDUCER	CW	COLD WATER
	PRESSURE REDUCING VALVE	DEG F, F	DEGREE FAHRENHEIT
	THERMOMETER	DFU	DRAINAGE FIXTURE UNIT
	PIPE UP	DIA, Ø	DIAMETER
	PIPE DOWN	DOAS	DEDICATED OUTSIDE AIR SYSTEM
	PIPE TEE IN LINE, BRANCH PIPE DOWN	DN	DOWN
	DUCT (FIRST FIGURE, SIDE SHOWN)	DWG	DRAWING
	DUCT SECTION (SUPPLY)	DB	DRY BULB
	DUCT SECTION (EXHAUST OR RETURN)	DL	DOOR LOUVER
	ROUND DUCT	EA	EACH
	VOLUME DAMPER (MANUAL)	EFF	EFFICIENCY
	MOTORIZED DAMPER	EC	ELECTRONICALLY COMMUTATED
	FIRE DAMPER	ECM	ELECTRONICALLY COMMUTATED MOTOR
	FLEXIBLE CONNECTION	ELEC	ELECTRICAL, ELECTRIC
	FLEXIBLE DUCT	EER	ENERGY EFFICIENCY RATIO
	ELBOW WITH TURNING VANES	EOL	END OF LINING
	DUCT UP (RECTANGULAR)	EXH	EXHAUST
	DUCT UP (RECTANGULAR)	ESP	EXTERNAL STATIC PRESSURE
	DUCT DOWN (RECTANGULAR)	FPM	FEET PER MINUTE
	DUCT DOWN (RECTANGULAR)	FPS	FEET PER SECOND
	DUCT UP (ROUND)	FLEX	FLEXIBLE
	DUCT DOWN (ROUND)	FL	FLOOR
	CEILING OUTLET	FCO	FLOOR CLEAN OUT
	CEILING INLET	FLA	FULL LOAD AMPS
	LINEAR SLOT DIFFUSER, FIRST NO. IS SLOT WIDTH, SECOND NO. IS NO. OF SLOTS, THIRD NO. IS LENGTH (IN FEET)	GAL	GALLON
	LINEAR SLOT RETURN, FIRST NO. IS SLOT WIDTH, SECOND NO. IS NO. OF SLOTS, THIRD NO. IS LENGTH (IN FEET)	GALV.	GALVANIZED
	WALL OUTLET (OR INLET)	HP	HORSE POWER
	THERMOSTAT G= WITH GUARD A= AVERAGED WITH OTHER	HW	HOT WATER
		HWC	HOT WATER CIRCULATION
		INTEGR.	INTEGRAL
		INCH	INCH
		I.E.	INVERT ELEVATION
		KW	KILOWATT
		LAT	LEAVING AIR TEMPERATURE
		LDB	LEAVING DRY BULB
		LWB	LEAVING WET BULB
		MAX	MAXIMUM
		MFR	MANUFACTURER
		MBH	THOUSAND BTUH
		MC	VRF MASTER CONTROLLER
		MCA	MINIMUM CIRCUIT AMPS
		MECH	MECHANICAL
		MIN	MINIMUM
		MUA	MAKE UP AIR
		NO.	NUMBER
		NTS	NOT TO SCALE
		OBD	OPPOSED BLADE DAMPER
		OA	OUTSIDE AIR
		PH	PHASE
		P.D.I.	PLUMBING AND DRAINAGE INST.
		PSI	POUNDS PER SQUARE INCH
		PSIG	POUNDS PER SQUARE INCH GAUGE
		PD	PRESSURE DROP
		PW	PUMPED WASTE
		R	RETURN
		RL	REFRIGERANT LIQUID
		RG	REFRIGERANT GAS
		RLA	RATED LOAD AMPS
		REF	REFERENCE
		REQ'D	REQUIRED
		RA	RETURN AIR
		RPM	REVOLUTIONS PER MINUTE
		RM	ROOM
		SA	SUPPLY AIR
		SCO	SURFACE CLEANOUT
		S.O.	SCREENED OPENING
		SS	STAINLESS STEEL
		TEMP	TEMPERATURE
		TD	TRANSFER DUCT
		TG	TRANSFER GRILLE
		TYP	TYPICAL
		UNO	UNLESS NOTED OTHERWISE
		VTR	VENT THROUGH ROOF
		VERT	VERTICAL
		V	VOLTS, VOLTAGE, VENT
		WCO	WALL CLEAN OUT
		W	WASTE
		WA	WATT
		WB	WET BULB
		WL	WALL LOUVER
		W/	WITH
		WSEC	WASHINGTON STATE ENERGY CODE
		WSFU	WATER SUPPLY FIXTURE UNIT
		WTG	WALL TRANSFER GRILLE

MECHANICAL DRAWING INDEX

M0.01	MECHANICAL GENERAL NOTES & LEGEND
M0.02	MECHANICAL SCHEDULES
M1.02	PARTIAL FLOOR PLAN - LEVEL A - PLUMBING DEMO
M2.01	PARTIAL FOUNDATION PLAN - PLUMBING
M3.01	PARTIAL FLOOR PLAN - LEVEL A - PLUMBING
M3.02	MECHANICAL DETAILS

HULTZ + BHU

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MECHANICAL GENERAL NOTES & LEGEND

M0.01

PROJECT NO.: 070039

ISSUE DATE: 12.18.24

REVISIONS:

PERMIT REVIEW RESPONSE 02.07.25

PRCT120241964

SIGNED 12-18-2024

CLARK KOS ARCHITECTS, LLC

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Portland, OR 97205

Phone: 503/224-4848

STERILE PROCESSING ROOM REMODEL
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP
401 15th AVE SE, PUYALLUP WA 98372

DOH CD REVIEW/PERMIT SET

MECHANICAL SPECIFICATIONS

- 1. GENERAL: PROVIDE PRODUCT SUBMITTALS TO THE ENGINEER FOR REVIEW.
- 2. WASTE AND VENT PIPING: SHALL BE CAST IRON NO-HUB OR PVC.
- 3. WATER PIPING: SHALL BE COPPER, BRAZED OR SOLDER OR PRESS-FIT.
- 4. INSULATION: PROVIDE INSULATION FOR CW, HW, AND HWC PIPING. PROVIDE MIN R-3.3 INSULATION FOR SUPPLY DUCTWORK WITHIN THE BUILDING.
- 5. VALVES: SHALL BE BALL TYPE.
- 6. PLUMBING FIXTURES: AS SCHEDULED. ALL STOPS SHALL BE 1/4-TURN BALL VALVES. ALL P-TRAPS SHALL BE CHROME PLATED BRASS.
- 7. DUCTWORK AND HVAC: EXCEPT FOR FLEX RUN-OUTS TO DIFFUSERS, ALL DUCTWORK SHALL BE RIGID GALVANIZED. INSTALLATION SHALL COMPLY WITH SMACNA REQUIREMENTS.
- 8. AIR INLETS/OUTLETS: AS SCHEDULED. CONFIRM FINISH/COLOR W/ ARCHITECT PRIOR TO ORDERING.
- 9. BALANCING: ALL NEW HVAC SYSTEMS AND EXISTING HVAC SYSTEMS THAT ARE MODIFIED SHALL BE AIR BALANCED. PROVIDE WATER BALANCING OF THE DOMESTIC HW SYSTEM TO ALLOW PROPER OPERATION. ACCEPTABLE FIRMS INCLUDE NEUDORFER, AIR TEST, AND HARDIN AND SONS.
- 10. CONTROLS: CONNECT THE NEW HVAC EQUIPMENT TO THE EXISTING BUILDING CONTROL SYSTEM.
- 11. NON-SPECIFIED ITEMS: NOT ALL ITEMS ARE SPECIFIED, BUT SHALL BE PROVIDED TO PROVIDE FULLY OPERATIONAL SYSTEMS. ALL NON-SPECIFIED ITEMS SHALL BE SUITABLE FOR HEALTHCARE AND COMMERCIAL INSTALLATIONS.
- 12. PROVIDE PIPING IDENTIFICATION FOR ALL MECHANICAL PIPING, W/ FLOW ARROW BANDS ON EACH END OF STICKER.
- 13. PROVIDE EQUIPMENT IDENTIFICATION (MIN 2" HIGH) FOR ALL MECHANICAL EQUIPMENT.
- 14. PROVIDE VALVE TAGGING FOR ALL MECHANICAL VALVES.
- 15. PROVIDE RED-LINED AS BUILTS OF THE MECHANICAL WORK.
- 16. PROVIDE OWNER TRAINING FOR ALL MECHANICAL SYSTEMS.
- 17. ALL OTHER WORK SHALL BE IN COMPLIANCE WITH EQUIPMENT SCHEDULES AND SHALL BE PER THE MULTICARE MASTER SPECIFICATIONS FOR USE ON ALL HOSPITAL PROJECTS DATED 31 MARCH 2014. (OR LATER CURRENT VERSION.)

MECHANICAL PHASING NOTES

- 1. SEE ARCHITECTURAL SPECIFICATIONS AND PLANS FOR PROJECT PHASING DESCRIPTION AND DATES OF CONSTRUCTION/COMPLETION.
- 2. ALL EXISTING MECHANICAL SYSTEMS SHALL BE MAINTAINED AND ACTIVE DURING THE PROJECT. PROVIDE ANY TEMPORARY PIPING, VALVES, CONTROLS OR OTHER MEANS AS REQUIRED. REROUTE EXISTING SYSTEMS AS NECESSARY. IN ADDITION TO WASTE, VENT, HW, HWC, CW, FIRE SPRINKLER, SUPPLY AIR, RETURN AIR, AND EXHAUST AIR, CONTRACTOR NEEDS TO BE AWARE OF EXISTING CONTROL SYSTEM THAT NEEDS TO REMAIN OPERATIONAL. DEMOLITION ACTIVITIES SHALL BE COORDINATED THRU CONTROL CONTRACTOR AND TEMPORARY PNEUMATIC TUBING IS ANTICIPATED TO BE NECESSARY.
- 3. COMPLETE ALL MECHANICAL WORK TO MEET PROJECT SCHEDULE & MILESTONES.
- 4. THE PHASING AREAS SHOWN ON THE SUGGESTED PHASING PLAN IS FOR FINISHED AREA COMPLETION, AND ARE NOT LIMITS OF WORK. IN ORDER TO MEET VARIOUS PROJECT PHASING REQUIREMENTS, IT IS NECESSARY TO COMPLETE MECHANICAL SYSTEMS IN OTHERWISE NON-COMPLETED AREAS TO ALLOW ALL SYSTEM IN OTHER PHASED AREAS TO BE FULLY OPERATIONAL. PROVIDE EARLY COMPLETION OF ALL SYSTEMS AS NECESSARY TO HAVE ALL AREAS COMPLETE AS REQUIRED.
- 5. THE PHASING DESCRIPTION DENOTES KEY ASPECTS OF THE PHASING AND ARE A SUMMARY OF TEMPORARY SYSTEMS FOR THE PROJECT.
- 6. PROVIDE DEMOLITION IN PHASES TO ACCOMMODATE. PROVIDE COMFORT BALANCING AT EACH PHASE FOR SPACES WITH EXISTING DUCTWORK. PROVIDE THOROUGH PIPE FLUSHING AT EACH PHASE SINCE NEW PIPING WILL BE CONNECTED TO EXISTING.

MAINTENANCE ACCESS NOTES

- 1. ACCESS AREAS ARE EXTREMELY TIGHT AND REQUIRE SPECIAL COORDINATION BETWEEN TRADES AND SPECIAL INSTALLATION EFFORTS TO PROVIDE MAINTENANCE ACCESS TO ALL ITEMS REQUIRING MAINTENANCE OR SERVICE. SUCH ITEMS INCLUDE ALL EQUIPMENT, VALVES, DAMPERS, CONTROL DEVICES, FILTERS, VFD'S, AND SIMILAR ITEMS.
- 2. FULL MAINTENANCE ACCESS IS A PROJECT REQUIREMENT; POOR MAINTENANCE ACCESS WILL NOT BE ACCEPTED.
- 3. CONTRACTOR SHALL APPLY EXTRA ATTENTION TO THE LOCATION OF PIPE, DUCT, AND CONDUIT ROUTINGS AND IN COORDINATING ALL WORK SO THAT MAINTENANCE ACCESS AND A MAINTENANCE PATHWAY ARE MAINTAINED. CONTRACTOR SHALL NOTE THAT IN ALL ACCESS AREAS ADDED ELBOWS, FITTINGS, AND TRANSITIONS ARE REQUIRED THROUGHOUT TO MAINTAIN SUCH ACCESS. DUCT GAUGE AND ASSOCIATED REINFORCEMENT METHODS SHALL BE SELECTED SO THAT REINFORCEMENT ANGLES ARE NOT USED WHICH WOULD REDUCE OR INTRUDE INTO MAINTENANCE ACCESS AREAS. SYSTEM SUPPORTS SHALL BE OF THE TYPE, LOCATION, AND ARRANGEMENT SO AS NOT TO REDUCE OR INTRUDE INTO MAINTENANCE ACCESS AREAS. VALVING SHALL BE RACKED VERTICALLY TIGHT TO UNITS AND CLEAR OF ACCESS WALKWAY PATH.
- 4. ALL DUCTWORK, PIPING AND RELATED ITEMS INSTALLED SO AS TO PRESENT A SAFETY HAZARD (I.E. ITEMS INSTALLED AT/NEAR HEAD HEIGHT, ITEMS PROJECTING INTO MAINTENANCE ACCESS PATHS, ETC.) SHALL BE COVERED (AT THE HAZARDOUS AREA) WITH 3/4" THICK ELASTOMERIC INSULATION (OR USE EQUIVALENT FACTORY FABRICATED PROTECTIVE COVERS) AND REFLECTIVE STRIPED RED/WHITE SELF-STICKING SAFETY TAPE. ALL SHARP CORNERS ON SUPPORTS AND OTHER INSTALLED ITEMS SHALL BE GROUND SMOOTH.

MECHANICAL GENERAL DEMOLITION NOTES

- 1. DEMOLITION DRAWINGS ARE INTENDED TO ONLY GIVE A GENERAL REPRESENTATION OF THE DEMOLITION INVOLVED, AND DO NOT CONSTITUTE A FULL LISTING OF ALL ITEMS REQUIRING REMOVAL. NOT ALL ITEMS TO BE DEMO'D ARE SHOWN. CONTRACTOR IS RESPONSIBLE TO REVIEW EXISTING CONDITIONS, EXISTING DRAWINGS, AND MECHANICAL GENERAL DEMOLITION NOTES.
- 2. A PRE-BID WALK-THRU IS A MANDATORY REQUIREMENT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW SITE CONDITIONS AND TO IDENTIFY ALL DEMOLITION WORK, AND INCLUDE IN HIS BID ALL COSTS FOR DEMOLITION & DISPOSAL. NOT ALL PLUMBING FIXTURES & HVAC ITEMS TO BE DEMO'D ARE SHOWN; SEE GENERAL NOTES FOR REQUIREMENTS.
- 3. EXISTING DUCTS, EQUIPMENT, PIPING, AIR INLETS/OUTLETS, PLUMBING FIXTURES SHOWN DASHED REPRESENT MAJOR MECHANICAL ITEMS TO BE REMOVED. SEE GENERAL NOTES, DRAWING NOTES & KEYED NOTES WHICH COVER ALL OTHER MISC. MECHANICAL ITEMS TO BE REMOVED.
- 4. ALL EXISTING ITEMS NOT BEING REUSED SHALL BE REMOVED. THIS INCLUDES SUCH ITEMS AS THERMOSTATS, CONTROL DEVICES, CONTROL WIRING, PNEUMATIC TUBING, DUCTS, FANS, PIPING, GRILLES, SUPPORTS, VALVES, CURBS, AND RELATED ACCESSORIES.
- 5. ABANDONED ITEMS, ANCHORS, INSERTS, PIPE STUBS, AND OTHER PROJECTIONS NOT BEING CONCEALED BY NEW CONSTRUCTION SHALL BE REMOVED TO 1" BELOW THE ADJACENT FINISHED SURFACE, AND THE DISTURBED AREA PATCHED.
- 6. PATCH ALL WALL/FLOOR/CEILING OPENINGS LEFT BY REMOVAL OF EXISTING ITEMS. PATCH SO AS TO MATCH FINISH OF ADJACENT UNDISTURBED AREA.
- 7. REFERENCE ARCHITECTURAL DRAWINGS FOR WHERE CEILING/WALL AND OTHER GENERAL DEMOLITION WORK IS BEING DONE.
- 8. SEE MECHANICAL FLOOR PLANS FOR HVAC DUCTS THAT ARE BEING REUSED.
- 9. WHERE EXIST. DUCTS ARE REUSED, AND EXISTING BRANCH DUCTS ARE REMOVED, PROVIDE SHEET METAL PATCH WITH INSULATION AT UNUSED CONNECTION (INSULATION REQUIRED ON SUPPLY AIR DUCTS ONLY).
- 10. WHERE EXISTING PLUMBING FIXTURES ARE REMOVED, CAP OFF CW, HW, VENT & WASTE PIPING AT A CONCEALED LOCATION (I.E. ABOVE CEILING OR INSIDE WALL).
- 11. WHEREVER FLOOR DRAINS ARE REMOVED, LOCATE AND REMOVE TRAP PRIMER THAT SERVED DRAIN(S) AND CAP OFF CW PIPING.
- 12. PROVIDE TEMPORARY CAP-OFF OF ALL EXISTING SYSTEMS TO ALLOW CONTINUED USE OF ALL SYSTEMS UNTIL THE FINAL SYSTEM COMPONENTS ARE INSTALLED AND CONNECTED (INCLUDE CW, HW, HWC, FIRE SPRINKLER, WASTE, VENT, CONTROLS, DUCTWORK, ETC.).
- 13. HOLD ALL REMOVED ITEMS FOR OWNERS REVIEW. ITEMS SELECTED BY OWNER FOR SALVAGE SHALL BE MOVED BY THE CONTRACTOR TO THE OWNERS STORAGE ROOM (VERIFY EXACT LOCATION WITH OWNER); ITEMS NOT SELECTED BY OWNER FOR SALVAGE SHALL BE DISPOSED OF OFF SITE BY CONTRACTOR.
- 14. ALL EXISTING ITEMS ASSOCIATED WITH DEMO'D ITEMS SHALL BE REMOVED. THIS INCLUDES SUCH ITEMS AS HANGERS, THERMOSTATS, DAMPERS, CURBS, SUPPORTS, CONTROL WIRING/CONDUIT, UNIONS, VALVES, PIPING, DUCTS, AND SIMILAR ACCESSORIES.
- 15. ROUTING SHOWN OF EXISTING ITEMS IS APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY LOCATIONS, CONTENTS, AND FLOW DIRECTION OF ALL PIPING & DUCTS. LABELING SHOWN ON PLANS HAS NOT BEEN VERIFIED.
- 16. PROVIDE CAP-OFF OF ALL EXISTING UTILITIES THAT ARE CUT OR SERVED DEMO'D ITEMS. SYSTEMS TO BE CAPPED OFF INCLUDE HW, HWC, CW, WASTE, VENT, SA DUCTS, RA DUCTS, AND EXHAUST DUCTS. ALL CAP-OFFS SHALL OCCUR IN A CONCEALED LOCATION.
- 17. SEE PLUMBING AND HVAC FLOOR PLANS FOR RECONNECTION OF NEW PIPING AND DUCTWORK.
- 18. SEE MECHANICAL PHASING NOTES ON THIS SHEET.

[2021 Uniform Plumbing Code, section 1303.9]
Work Performed in Occupied Healthcare Facilities
In existing, occupied, inpatient healthcare facilities, all plumbing systems installation and remodel work shall be performed by personnel certified in accordance with ASSE/IAPMO 12010, ASSE/IAPMO 12030 and ASSE/IAPMO 12040.



PLUMBING FIXTURE SCHEDULE

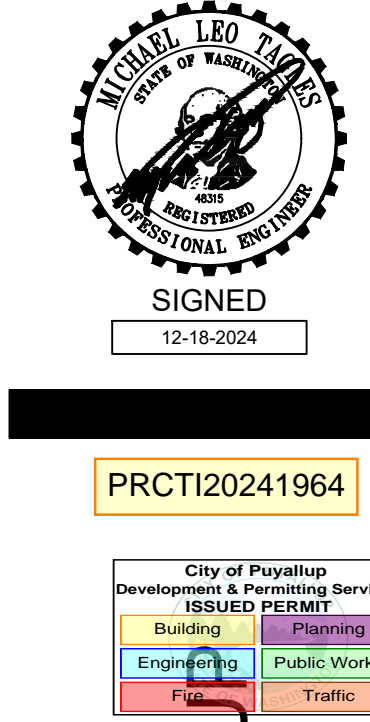
SYMBOL	DESCRIPTION	W	V	CW	HW	FIXTURE MANUFACTURER/SERIES	TRIM MANUFACTURER/SERIES	REMARKS
P-11C	FLOOR RECEPTOR	AS NOTED ON PLANS				JR SMITH 3110 SERIES	-	ACID RESISTANT COATED W/ 12" TOP



ISSUE DATE: 12.18.24

REVISIONS:
△ PERMIT REVIEW
RESPONSE 02.07.25

MECHANICAL
SCHEDULES



NOTE: THESE PLANS ARE BASED ON OWNER PROVIDED AS-BUILT DRAWINGS. NEW WORK IS SHOWN CLOUDED AND HEAVY.

KEYED NOTES:

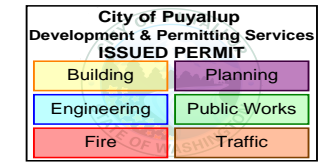
- 1 SAWCUT EXISTING CONCRETE TO PROVIDE WASTE CONNECTION DURING PHASE 1.
- 2 SAWCUT EXISTING CONCRETE TO PROVIDE WASTE CONNECTION DURING PHASE 2.
- 3 REMOVE MECHANICAL UTILITY CONNECTIONS TO EXISTING UNIT TO ALLOW REPLACEMENT WITH NEW. SIZING OF PIPING TO BE REMOVED IS ASSUMED TO BE THE SAME AS THE NEW SHOWN ON Q.01. SEE EQUIPMENT CUTSHEETS SINCE NOT ALL UTILITY CONNECTIONS ARE IN THE SAME LOCATION AS EXISTING.

GENERAL NOTES:

1. SEE MECHANICAL GENERAL DEMOLITION NOTES ON SHEET M0.02.
2. NOT ALL KEYED NOTES USED ON EACH SHEET.

CLARK/KR/CS, LLC
ARCHITECTS, LLC

PRCTI20241964



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 12.18.24

REVISIONS:

1 PERMIT REVIEW
RESPONSE 02.07.25

DOH CD REVIEW/PERMIT SE-

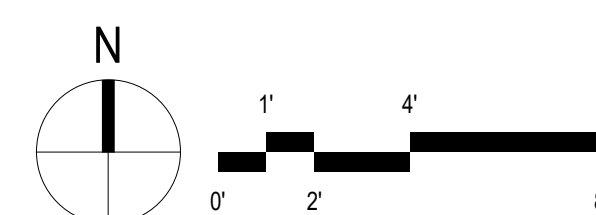
**FLOOR PLAN - LEVEL A -
PLUMBING DEMO**


M1.02

PROJECT NO.: 24028

CLARK KJOS ARCHITECTS, LLC COPYRIGHT 2021 2/7/2025 11:33:25 AM

1 PARTIAL FLOOR PLAN - LEVEL A - PLUMBING DEMO
3/16" = 1'-0"



HULTZ  BHU
e n g i n e e r s i n c

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general@hultzbhu.com Job Number: 24-124

M1.02

PROJECT NO.: 24028

NOTE: THESE PLANS ARE BASED ON OWNER PROVIDED AS-BUILT DRAWINGS. NEW WORK IS SHOWN CLOUDED AND HEAVY.

DEMO WORK IS SHOWN ON THIS SHEET. DEMO PORTIONS OF PIPING TO ALLOW FOR WASTE CONNECTIONS AND INSTALLATION OF NEW EQUIPMENT

KEYED NOTES:

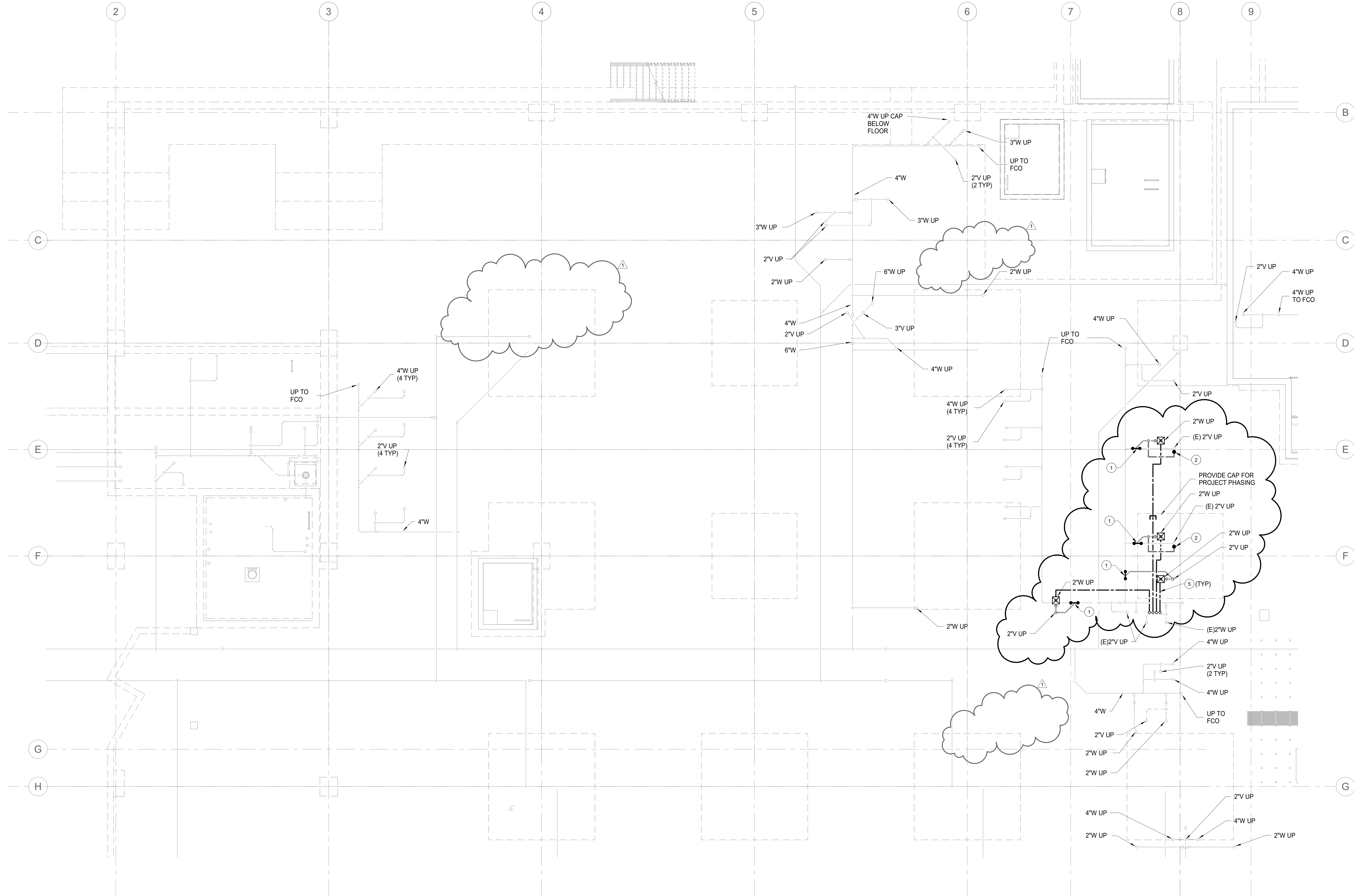
- 1 CONNECT TO EXISTING WASTE MAIN.
- 2 CONNECT TO EXISTING PLUMBING PIPING THAT SERVED DEMO'D FIXTURES. REVISE ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT.
- 3 CONNECT TO EXISTING PLUMBING & STEAM/CONDENSATE PIPING THAT SERVED DEMO'D FIXTURES. REVISE ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT. STEAM/CONDENSATE PIPING NOT SHOWN ON PLAN FOR CLARITY.
- 4 1/2" CW DN TO TRAP PRIMER LINE. SEE 4M3.02.
- 5 1/2" CW TRAP PRIMER LINE TO FLOOR DRAIN/RECEPTOR.
- 6 EXTEND PLUMBING PIPING FROM NEARBY PIPING IN CEILING TO ACCOMMODATE NEW EQUIPMENT.
- 7 EXTEND PLUMBING AND STEAM/CONDENSATE PIPING FROM NEARBY PIPING IN CEILING TO ACCOMMODATE NEW EQUIPMENT.
- 8 REMOVE PORTION OF (E) EXISTING DI PIPING TO ENSURE A CIRCULATING SYSTEM.
- 9 RECONNECT TO (E) AIR PIPING ABOVE. AIR PIPING NOT SHOWN ON PLAN FOR CLARITY.

GENERAL NOTES:

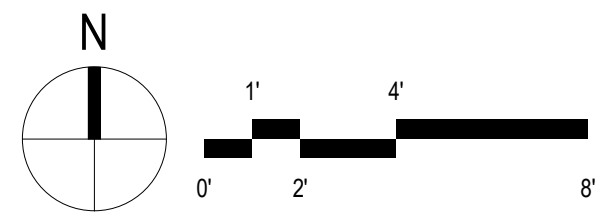
1. SEE MECHANICAL GENERAL NOTES ON SHEET M0.02.
2. WORK IS PHASED. SEE ARCHITECTURAL PLANS FOR PHASING AND RELATED REQUIREMENTS.
3. PROVIDE MECHANICAL UTILITY EQUIPMENT CONNECTIONS PER SHEET 01.01 FOR EQUIPMENT WITH 'XX' TAG.
4. NOT ALL KEYED NOTES USED ON EACH SHEET.

SCOPE NOTES:

- R RE-EXTEND UTILITIES TO REPLACEMENT EQUIPMENT.
- A PROVIDE NEW UTILITIES FOR ADDED EQUIPMENT.
- F NEW FLOOR SINK.
- S SAWCUT EXISTING CONCRETE TO PROVIDE WASTE CONNECTION.



1 PARTIAL FOUNDATION PLAN - PLUMBING
3/16" = 1'-0"



[2021 Uniform Plumbing Code, section 1303.9]
Work Performed in Occupied Healthcare Facilities
In existing, occupied, inpatient healthcare facilities, all plumbing systems installation and remodel work shall be performed by personnel certified in accordance with ASSE/IAPMO 12010, ASSE/IAPMO 12030 and ASSE/IAPMO 12040.

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STERILE PROCESSING ROOM REMODEL
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP
401 15th Ave. SE, Puyallup WA 98372



ISSUE DATE: 12.18.24

REVISIONS:

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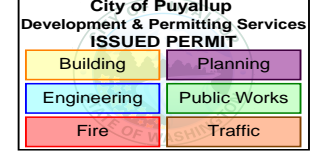
PARTIAL FOUNDATION
PLAN - PLUMBING

M2.01

PROJECT NO.: 24028



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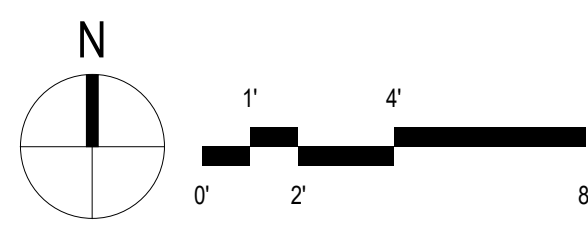


CLARK ARCHITECTS, LLC

621 SW Alder St., Suite 700
Portland, OR 97205
Phone: 503/224-4848

1 PARTIAL FLOOR PLAN - LEVEL A - PLUMBING

3/16" = 1'-0"



[2021 Uniform Plumbing Code, section 1303.4] Sterilizers and Bedpan Steamers Sterilizers and bedpan steamers shall be installed in accordance with the manufacturer's installation instructions and comply with Section 1303.4.1 and Section 1303.4.2.

[2021 Uniform Plumbing Code, section 1303.4.1] Drainage Connections Sterilizers and bedpan steamers shall be connected to the sanitary drainage system through an air gap in accordance with Section 801.2. The size of indirect waste piping shall be not less than the size of the drain connection on the fixture. Each such indirect waste pipe shall not exceed 15 feet (4572 mm) in length and shall be separately piped to a receptor. Such receptors shall be located in the same room as the equipment served. Except for bedpan steamers, such indirect waste pipes shall not require traps. A trap having a seal of not less than 3 inches (76 mm) shall be provided in the indirect waste pipe for a bedpan steamer.

[2021 Uniform Plumbing Code, section 1303.4.2] Vapor Vents and Stacks Where a sterilizer or bedpan steamer has provision for a vapor vent and such a vent is required by the manufacturer, the vent shall be extended to the outdoors above the roof. Sterilizer and bedpan steamer vapor vents shall be installed in accordance with the manufacturer's installation instructions and shall not be connected to a drainage system vent.

NOTE: THESE PLANS ARE BASED ON OWNER PROVIDED AS-BUILT DRAWINGS. NEW WORK IS SHOWN CLOUDED AND HEAVY.

[2021 Uniform Plumbing Code, section 801.6] Sterilizers Lines, devices, or apparatus such as stills, sterilizers, and similar equipment requiring waste connections and used for sterile materials shall be indirectly connected using an air gap. Each such indirect waste pipe shall be separately piped to the receptor and shall not exceed 15 feet (4572 mm). Such receptors shall be located in the same room.

[2021 Uniform Plumbing Code, section 806.0] Sterile Equipment (806.1 General) Appliances, devices, or apparatus such as stills, sterilizers, and similar equipment requiring water and waste and used for sterile materials shall be drained through an air gap.

KEYED NOTES:

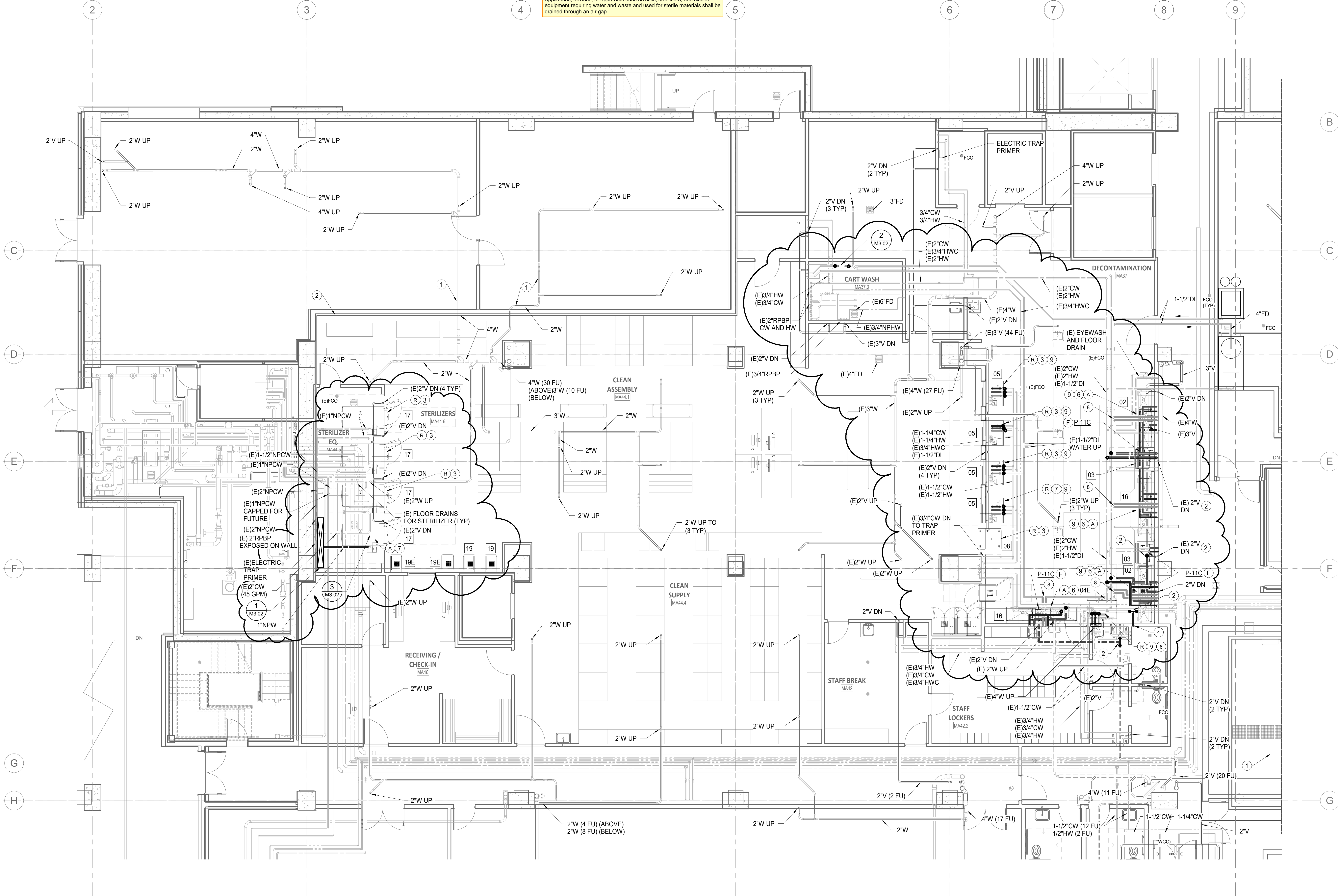
- 1 CONNECT TO EXISTING WASTE MAIN.
- 2 CONNECT TO EXISTING PLUMBING PIPING THAT SERVED DEMO'D FIXTURES. REVISE ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT. [Reference the 2021 UPC, 806.1 for air gap requirements.]
- 3 CONNECT TO EXISTING PLUMBING & STEAM/CONDENSATE PIPING THAT SERVED DEMO FIXTURES. REVISE ROUGH-IN AS REQUIRED TO ACCOMMODATE NEW EQUIPMENT. STEAM/CONDENSATE PIPING NOT SHOWN ON PLAN FOR CLARITY.
- 4 1/2" CW DN TO TRAP PRIMER LINE. SEE 4/M3.02.
- 5 1/2" CW TRAP PRIMER LINE TO FLOOR DRAIN/RECEPTOR.
- 6 EXTEND PLUMBING PIPING FROM NEARBY PIPING IN CEILING TO ACCOMMODATE NEW EQUIPMENT.
- 7 EXTEND PLUMBING AND STEAM/CONDENSATE PIPING FROM NEARBY PIPING IN CEILING TO ACCOMMODATE NEW EQUIPMENT.
- 8 REMOVE PORTION OF (E) EXISTING DI PIPING TO ENSURE A CIRCULATING SYSTEM.
- 9 RECONNECT TO (E) AIR PIPING ABOVE. AIR PIPING NOT SHOWN ON PLAN FOR CLARITY.

GENERAL NOTES:

1. SEE MECHANICAL GENERAL NOTES ON SHEET M0.02.
2. WORK IS PHASED. SEE ARCHITECTURAL PLANS FOR PHASING AND RELATED REQUIREMENTS.
3. PROVIDE MECHANICAL UTILITY EQUIPMENT CONNECTIONS PER SHEET 01.01 FOR EQUIPMENT WITH 'XX' TAG.
4. NOT ALL KEYED NOTES USED ON EACH SHEET.

SCOPE NOTES:

- (R) RE-EXTEND UTILITIES TO REPLACEMENT EQUIPMENT.
- (A) PROVIDE NEW UTILITIES FOR ADDED EQUIPMENT.
- (F) NEW FLOOR SINK.
- (S) SAWCUT EXISTING CONCRETE TO PROVIDE WASTE CONNECTION.



[2021 Uniform Plumbing Code, section 1303.9] Work Performed in Occupied Healthcare Facilities In existing, occupied, inpatient healthcare facilities, all plumbing systems installation and remodel work shall be performed by personnel certified in accordance with ASSE/IAPMO 12010, ASSE/IAPMO 12030 and ASSE/IAPMO 12040.

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PARTIAL FLOOR PLAN -
LEVEL A - PLUMBING

M3.01

PROJECT NO.: 24028

STERILE PROCESSING ROOM REMODEL
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP
401 15th Ave. SE, Puyallup WA 98372



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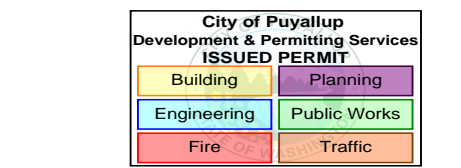
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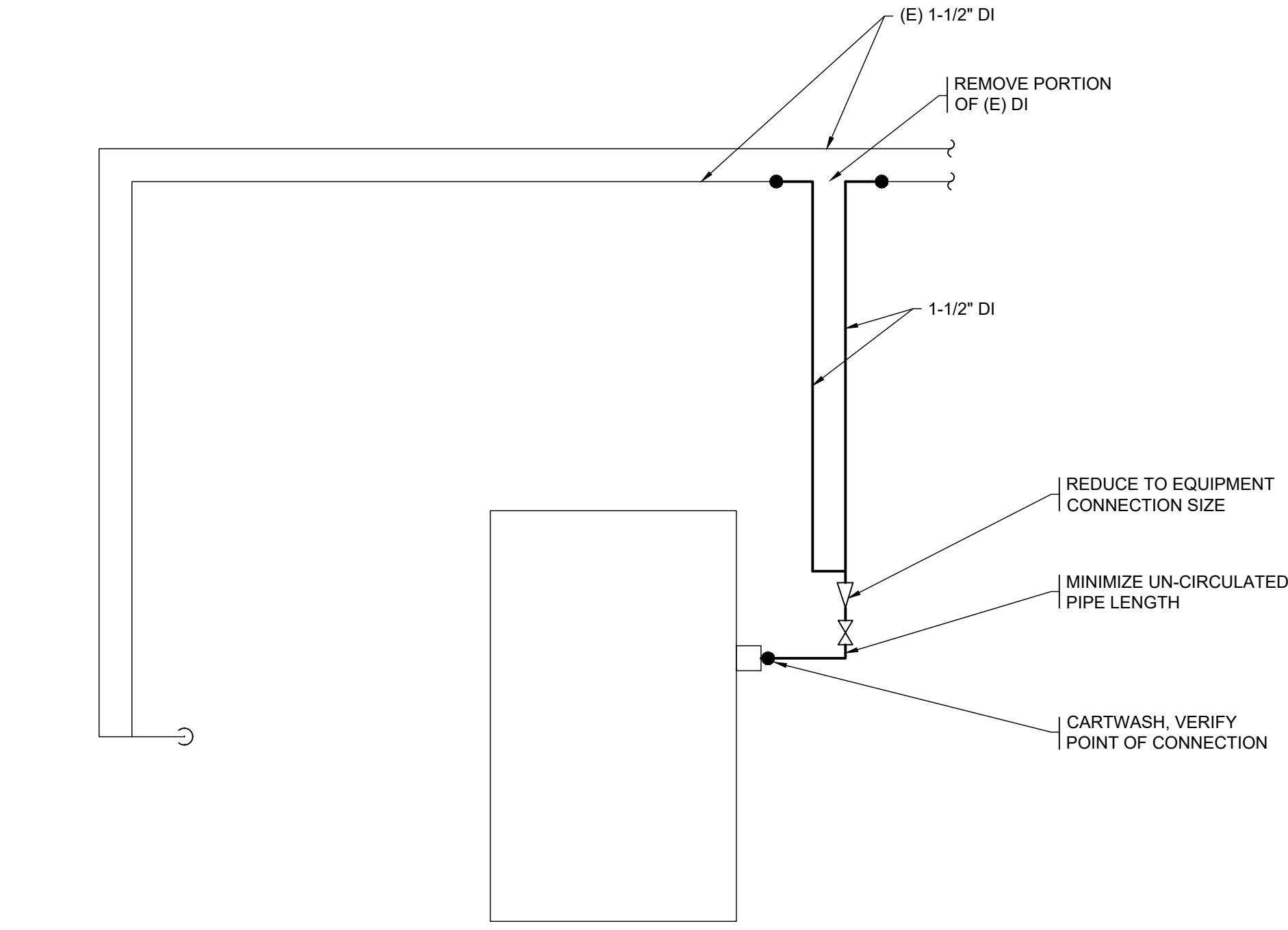
1 PERMIT REVIEW RESPONSE 02.07.25

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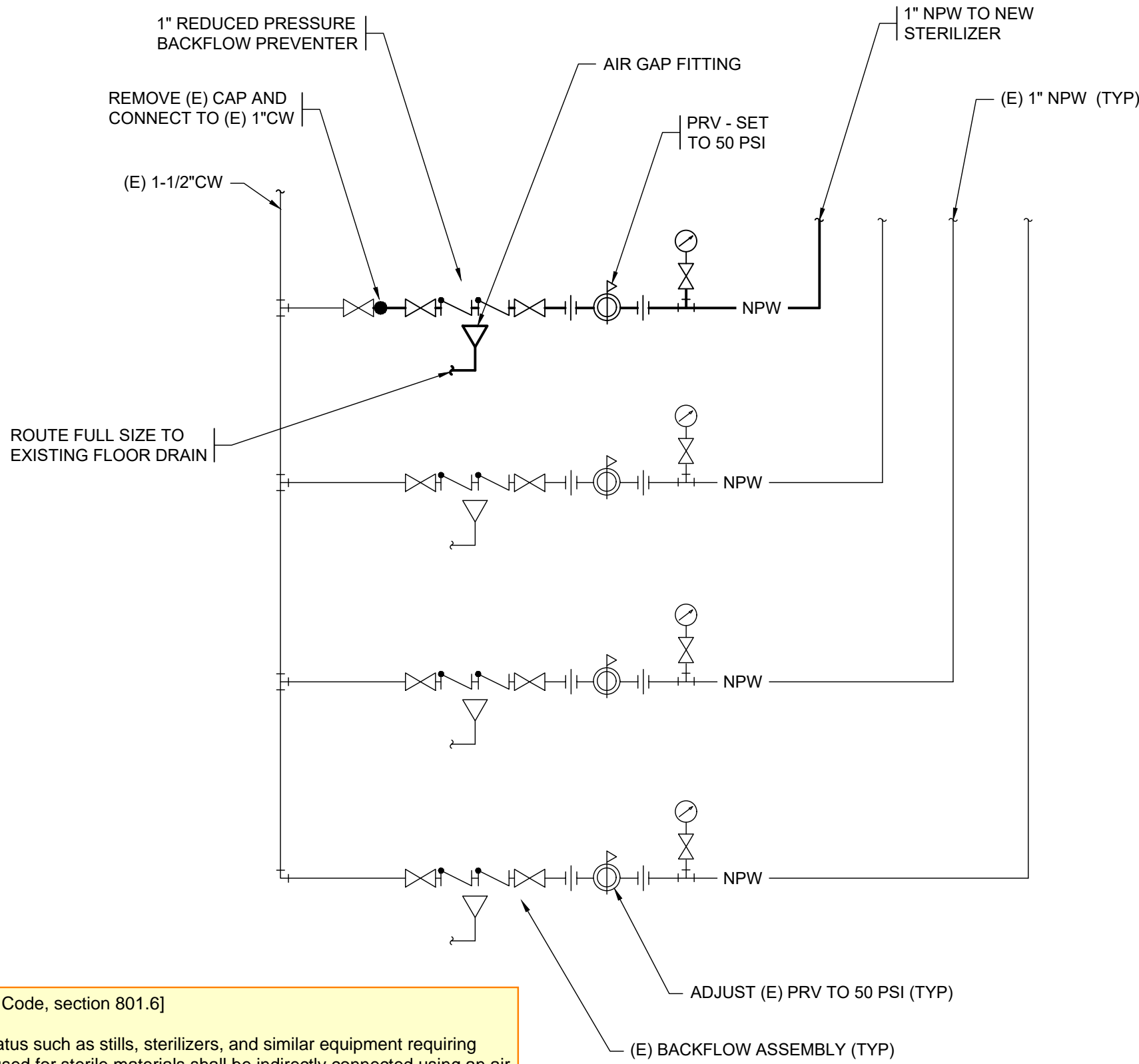
CARTWASH DI CONNECTION

NTS

2

M3.02

[2021 Uniform Plumbing Code, section 801.6]
Sterilizers
Lines, devices, or apparatus such as stills, sterilizers, and similar equipment requiring waste connections and used for sterile materials shall be indirectly connected using an air gap. Each such indirect waste pipe shall be separately piped to the receptor and shall not exceed 15 feet (4572 mm). Such receptors shall be located in the same room.

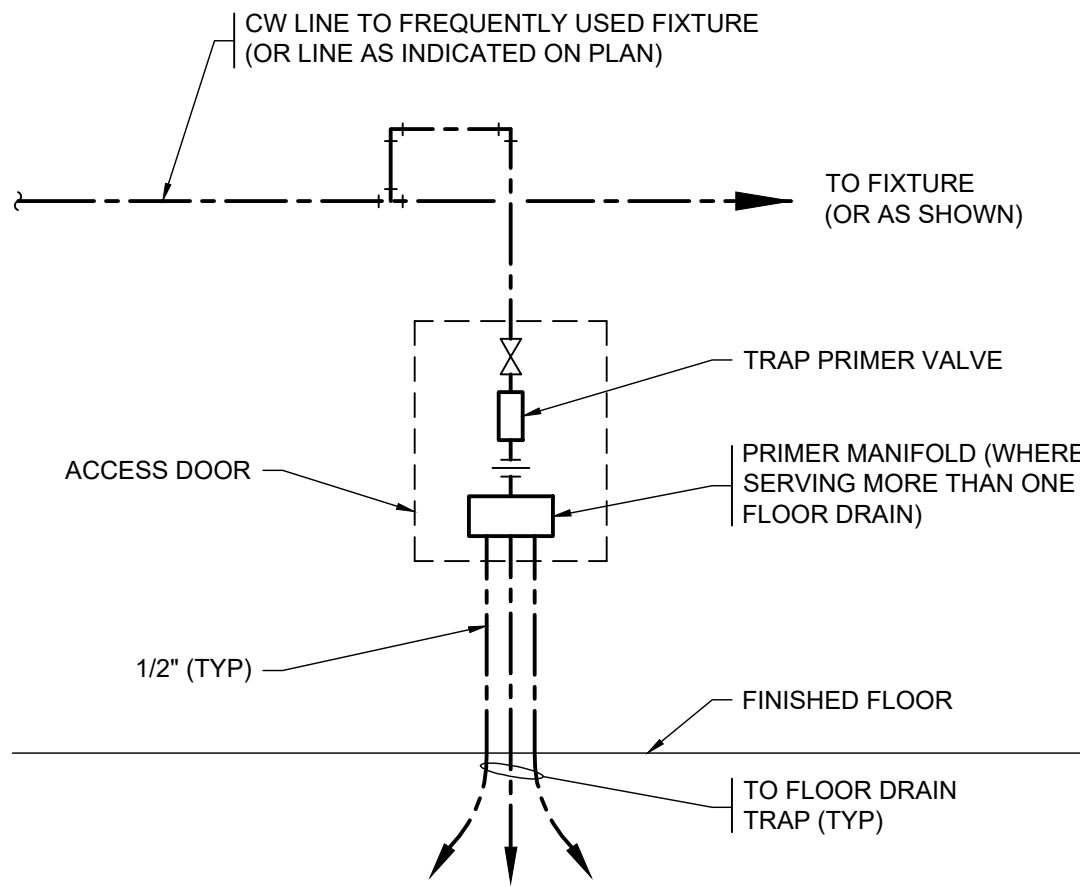


NPW HEADER FOR STERILIZERS

NTS

1

M3.02

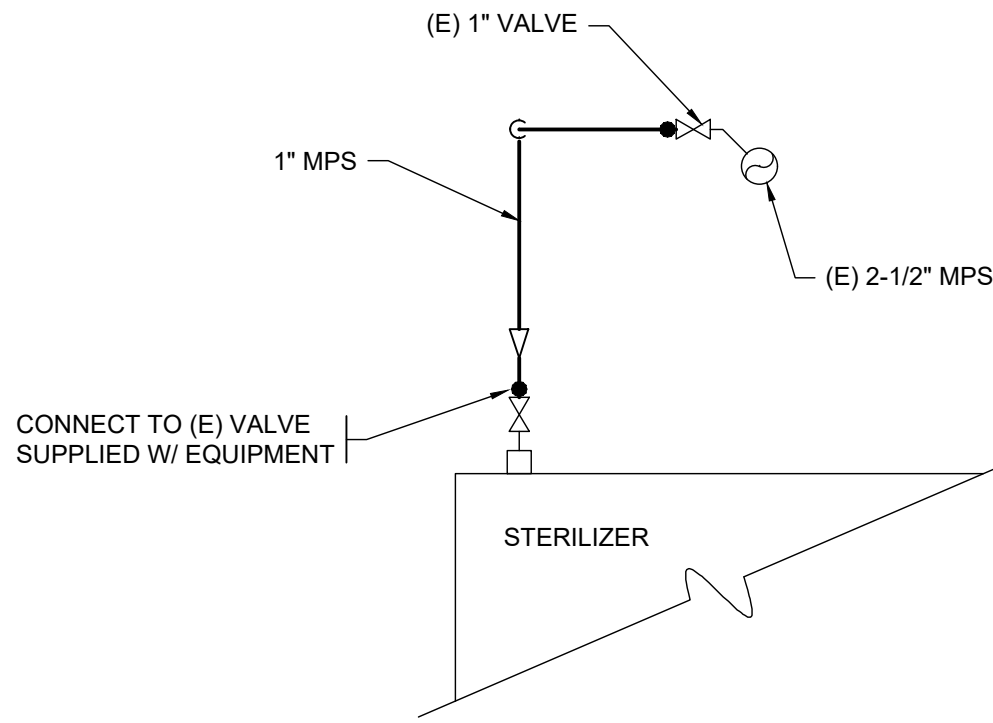


TRAP PRIMER DETAIL

NTS

4

M3.02



STEAM CONNECTION TO STERILIZER

NTS

3

M3.02



ISSUE DATE: 12.18.24

REVISIONS:

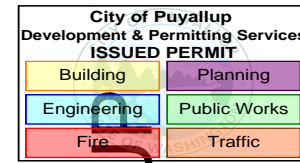
△ PERMIT REVIEW
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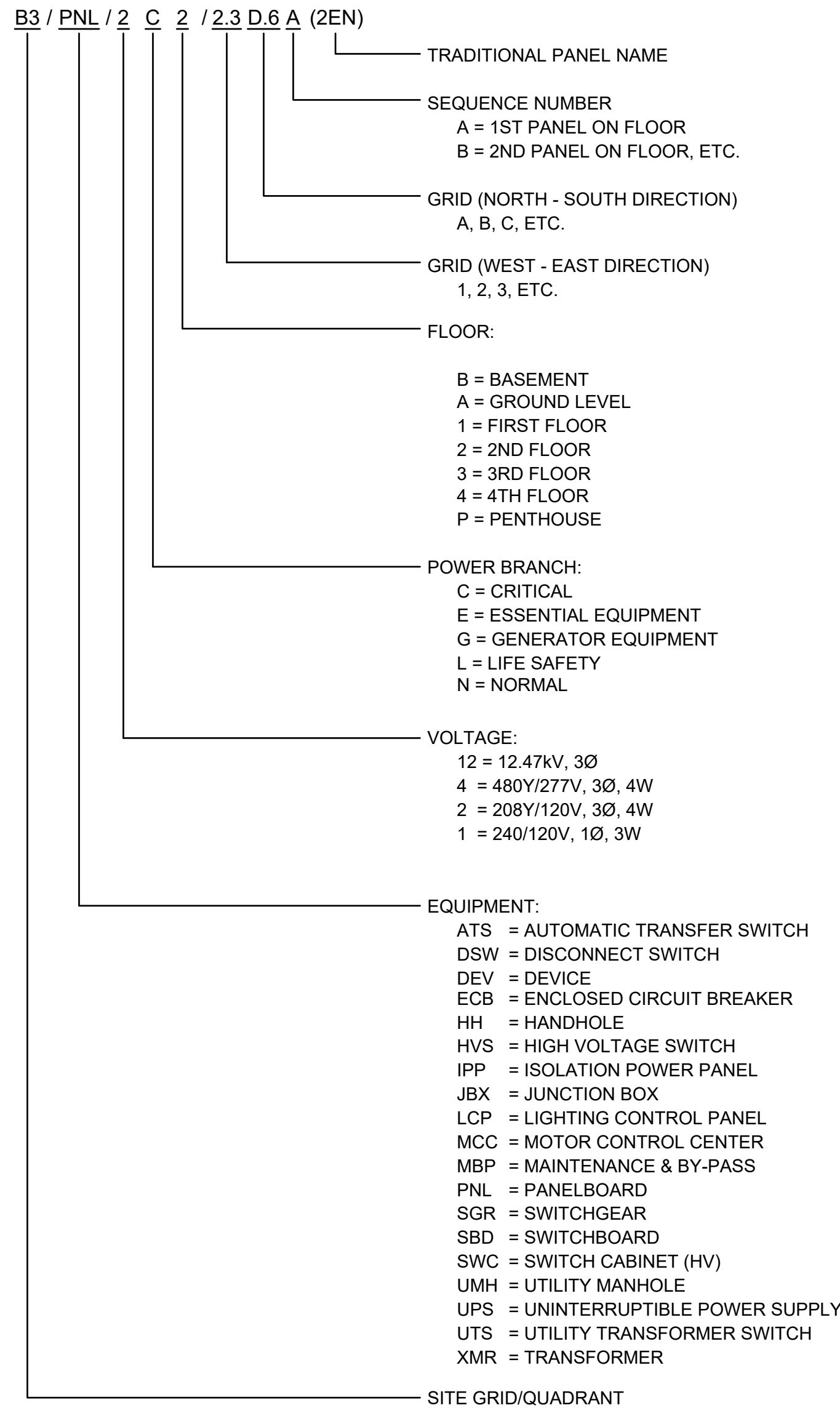


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ABBREVIATIONS	
(SOME ABBREVIATIONS MAY NOT BE USED ON DRAWINGS)	
ABBREV	DESCRIPTION
A or AMP	AMPERES
AIC	AMPERE INTERRUPTING CAPACITY
ARCH	ARCHITECTURAL
AWG	AMERICAN WIRE GAUGE
C	CONDUIT
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
DIA	DIAMETER
DIV	DIVISION
DRC	DIGITAL ROOM CONTROLLER
DWG	DRAWING
ELEC	ELECTRIC
EMT	ELECTRICAL METALLIC TUBING
ETR	EXISTING TO REMAIN
EXST or (E)	EXISTING
FA	FIRE ALARM
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE CONDUIT
GND	GROUND
HP	HORSEPOWER
HZ	HERTZ
J-BOX	JUNCTION BOX
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LTG	LIGHTING
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPS
MCM or KCM	THOUSAND CIRCULAR MILS
MDP	MAIN DISTRIBUTION PANELBOARD
MDS	MAIN DISTRIBUTION SWITCHBOARD
MIN	MINIMUM
MOP or MOCP	MAXIMUM OVERCURRENT PROTECTION
N or NEUT	NEUTRAL
NTS	NOT TO SCALE
Ø or PH	PHASE
PNL	PANEL
RM	ROOM
SP	SINGLE POLE
STD	STANDARD
SW	SWITCH
SWBD	SWITCHBOARD
TYP	TYPICAL
UL	UNDERWRITERS LABORATORY
V	VOLTS
VA	VOLT AMPERES
W	WATTS
W/	WITH
WP	WEATHER PROOF



EQUIPMENT NOMENCLATURE KEY

ELECTRICAL LEGEND			
(SOME SYMBOLS MAY NOT BE USED ON DRAWINGS)			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
<u>SITE / EXTERIOR</u>			
o	POLE	⊕	SINGLE RECEPTACLE (NEMA 5-20R)
▲	TRANSFORMER	⊕	(SUBSCRIPT - SEE DUPLEX RECEPTACLE)
▲	PAD MOUNTED TRANSFORMER	⊕ *	DUPLEX RECEPTACLE (NEMA 5-20R)
⊕	PAD MOUNTED SWITCH	⊕ *	ASTERISK INDICATES COUNTER HEIGHT OUTLET (DUPLEX RECEPTACLE SHOWN)
E	HANDHOLE OR VAULT	⊕	FOURPLEX RECEPTACLE (NEMA 5-20R)
P	P PRIMARY ELECTRIC (ABOVE 600V)	⊕	GFCI DUPLEX RECEPTACLE (NEMA 5-20R)
C	E SECONDARY ELECTRIC (BELOW 600V)	⊕	TAMPER RESISTANT (DUPLEX RECEPTACLE SHOWN)
C	C COMMUNICATIONS	⊕	SPLIT WIRED DUPLEX RECEPTACLE (NEMA 5-20R)
<u>DISTRIBUTION</u>			
—	UNDERGROUND ELECTRIC UTILITY (SECONDARY ELECTRIC UNLESS OTHERWISE INDICATED)	⊕	SPLIT WIRED RECEPTACLE, 1/2 OF RECEPTACLE IS CONTROLLED BY OCCUPANCY SENSOR OR TIME SWITCH
E	SECONDARY ELECTRIC (BELOW 600V)	⊕	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT
P	PRIMARY ELECTRIC (ABOVE 600V)	⊕	SPECIAL PURPOSE OUTLET (AS NOTED)
C	COMMUNICATIONS	⊕	JUNCTION BOX - CEILING OR EXPOSED
<u>DISTRIBUTION</u>			
—	PANELBOARD - SURFACE	⊕	BLANKED OUTLET - CEILING
—	PANELBOARD - EXISTING (SURFACE PANEL SHOWN)	⊕	EQUIPMENT CONNECTION
—	PANELBOARD - FLUSH	⊕	SUBSCRIPT: WH WATER HEATER
—	SWITCHBOARD OR MCC (DRAWN TO SCALE)	⊕	HD HAND DRYER
—	DISCONNECT SWITCH	⊕	WD WASTE DISPOSER
—	FUSED DISCONNECT SWITCH	<u>CALLOUTS</u>	
—	MAGNETIC MOTOR STARTER OR OTHER MOTOR CONTROL DEVICE AS SCHEDULED	200-4-G	FEEDER CALLOUT X-Y-Z. SEE SCHEDULE.
—	DRY TYPE TRANSFORMER	200/150-3P	DEVICE SIZE / FUSE OR TRIP RATING - No. OF POLES
—	CROSS LINES INDICATE NUMBER OF CONDUCTORS IF MORE THAN TWO WIRE CIRCUIT. LONG DENOTES NEUTRAL. DOT DENOTES GROUND. DOTTED HASH MARK INDICATES ISOLATED GROUND. CONDUIT IS 1/2" AND CONDUCTOR IS #12 AWG UNLESS OTHERWISE NOTED OR SCHEDULED. ONLY BRANCH CIRCUIT HOMERUNS ARE INDICATED WITH CONDUCTOR COUNT. SEE GENERAL ELECTRICAL NOTES.	X/	FIXTURE SYMBOL CALLOUT
—	WIRING CONCEALED IN CEILING OR WALL	⊕	BUBBLE NOTE TAG SYMBOL:
—	WIRING CONCEALED UNDERGROUND OR BELOW FLOOR	⊕	# - IDENTIFYING NUMBER
—	WIRING EXPOSED	⊕	CONDUIT OR FEEDER SYMBOL: (SEE RACEWAY SCHEDULE)
—	WIRING HOMERUN	⊕	# - IDENTIFYING NUMBER
—	CONDUIT UP, DOWN	⊕	DRAWING REVISION SYMBOL:
—	FLEXIBLE WIRING CONNECTION	⊕	# - IDENTIFYING NUMBER
<u>LOW VOLTAGE</u>			
△	CAT 6 OUTLET WITH 1.25" TO ACCESSIBLE SPACE AND (2) CAT 6A CABLES TO DISTRIBUTION FRAME	⊕	SCHEDULED EQUIPMENT CONNECTION (INCLUDE ALL WIRING, DISCONNECTING MEANS, CONTROL AND OTHER REQUIREMENTS SCHEDULED)
△	W INDICATES WALL PHONE (+ 48 INCHES)	⊕	DETAIL SYMBOL: (AS INDICATED ON DRAWINGS)
△	CLOSED CIRCUIT TELEVISION CAMERA	⊕	# - IDENTIFYING NUMBER
△	ADA PUSHBUTTON DOOR OPENER	⊕	B - SHEET WHERE DETAIL SHOWN
△	CARD READER	⊕	DETAIL SYMBOL: (AS INDICATED ON DRAWINGS)
△	SPEAKER - CEILING	⊕	# - IDENTIFYING NUMBER
△		⊕	B - SHEET WHERE DETAIL SHOWN
<u>REMODEL</u>			
△	HEAVY LINE WEIGHT = NEW WORK (2 X 4 LAY-IN SHOWN)	⊕	EQUIPMENT IDENTIFICATION
△	STANDARD LINE WEIGHT = EXISTING TO REMAIN (RECEPTACLE SHOWN)	⊕	
△	CROSS HATCH LINE WORK = ELECTRICAL DEMOLITION (RECEPTACLE SHOWN)	⊕	
△	BROKEN LINE WORK = ELECTRICAL DEMOLITION (RECEPTACLE SHOWN)	⊕	
△	STANDARD LINE WEIGHT WITH (N) = EXISTING TO BE REPLACED OR MODIFIED (SEE REMODEL NOTES) (RECEPTACLE SHOWN)	⊕	

B3/PNL/2E2/13.0D.3 (2WZD)

FEED FROM B3/PNL/2E2/13.1D.3 (1WZD)

VOLTAGE: 208Y/120V, 3Ø, 4W

- NOTES:
- ENGRAVED THREE-LAYER LAMINATED PLASTIC WITH WHITE LETTERS.
BLACK BACKGROUND FOR NORMAL POWER.
ORANGE BACKGROUND FOR CRITICAL POWER.
RED BACKGROUND FOR LIFE SAFETY POWER.
BLUE BACKGROUND FOR ESSENTIAL EQUIPMENT POWER.
 - 1/2-INCH HIGH LETTERS.
 - 3/16-INCH HIGH LETTERS.

TYPICAL PANELBOARD NAMEPLATE

SCALE: 1"=1"

SYMBOL	DESCRIPTION
◇	NURSE CALL PATIENT STATION
◇	NURSE CALL DOME INDICATOR LIGHT
◇	INTERCOM CALL SWITCH
<u>LIGHTING</u>	
□	LUMINAIRE (TO SCALE ON DRAWINGS)
□	LUMINAIRE WITH EMERGENCY LIGHTING UNIT
⊕	EXIT SIGN - HATCH DENOTES DIRECTION OF FACE
⊕	OCCUPANCY SENSOR - CEILING MOUNT
⊕	DIGITAL SWITCH STATION
<u>FIRE ALARM</u>	
◇	SMOKE DETECTOR
◇	HORNSTROBE: 'C' INDICATES CEILING MOUNT



TYPICAL PANEL NUMBERING SEQUENCE

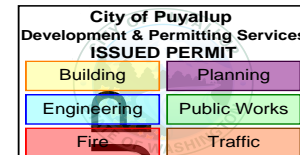
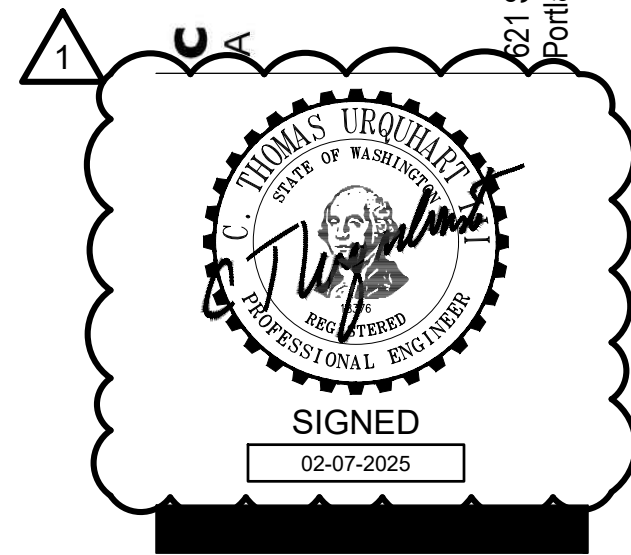
GENERAL ELECTRICAL NOTES:

- BRANCH CIRCUIT NOTES:
 - VERIFY BRANCH CIRCUIT WIRE COUNT BEFORE PULLING CONDUCTORS. PROVIDE REQUIRED CONDUCTORS TO EACH OUTLET AND DEVICE FOR PHASE, NEUTRAL AND EQUIPMENT GROUND BASED ON CIRCUIT DESIGNATIONS SHOWN AND AS OTHERWISE INDICATED ON PLANS OR NOTE BELOW.
 - PROVIDE MULTI-POLE BREAKERS FOR MULTIWIRE BRANCH CIRCUITS.
- LIGHTING, POWER, AND MECHANICAL EQUIPMENT CONDUCTORS SHALL NOT BE COMBINED IN THE SAME RACEWAY UNLESS NOTED OTHERWISE.
- MODIFY AND EXTEND WIRING AS REQUIRED TO MAINTAIN POWER TO DEVICES NOT SCHEDULED FOR DEMOLITION AND DEVICES BEING RELOCATED.

ELECTRICAL SPECIFICATIONS:

DIVISION 26

- CONDUIT INDOOR: EMT CONDUIT FOR DRY AND DAMP LOCATIONS.
- STEEL FLEXIBLE CONDUIT FOR FINAL CONNECTIONS TO RECESSED LIGHT FIXTURES AND EQUIPMENT SUBJECT TO VIBRATION OR MOVEMENT.
- EMT & FLEXIBLE CONDUIT FITTINGS: STEEL; COMPRESSION.
- GRC & IMC FITTINGS: THREADED RIGID STEEL FITTINGS.
- CONDUCTORS: SHALL BE COPPER. PROVIDE GREEN INSULATED GROUNDING CONDUCTORS TO ALL DEVICES AND EQUIPMENT.
- NON-SPECIFIED ITEMS: NOT ALL ITEMS ARE SPECIFIED, BUT SHALL BE PROVIDED TO PROVIDE FULLY OPERATIONAL SYSTEMS. ALL NON-SPECIFIED ITEMS SHALL BE SUITABLE FOR HEALTHCARE AND COMMERCIAL APPLICATIONS.
- ALL OTHER WORK NOT INDICATED ON THE SPECIFICATION SHEET SHALL BE IN COMPLIANCE WITH EQUIPMENT SCHEDULES AND AS INDICATED AND SHALL BE PER THE MULTICARE MASTER SPECIFICATIONS FOR USE ON ALL HOSPITAL PROJECTS DATED 31 MARCH 2014, INCLUDING ANY REVISIONS.
- AVOID HOT WORK WHEN POSSIBLE. IF UNAVOIDABLE USE FM GLOBAL HOT WORK PERMIT PROCESS AND USE ALL PRECAUTIONS REQUIRED TO PREVENT HOT WORK RELATED FIRES.
- RECEPTACLES SHALL BE IDENTIFIED HOSPITAL GRADE.
- RECEPTACLES SHALL BE TAMPER RESISTANT WHERE REQUIRED BY NEC 517.18(C).



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15th AVE SE, PUYALLUP WA 98372



ISSUE DATE: 12.18.24

REVISIONS:

△ PERMIT REVIEW
RESPONSE 02.07.25

LEGEND, NOTES &
ABBREVIATIONS

E0.01

PROJECT NO.: 07039

HULTZ & BHU
engineers inc

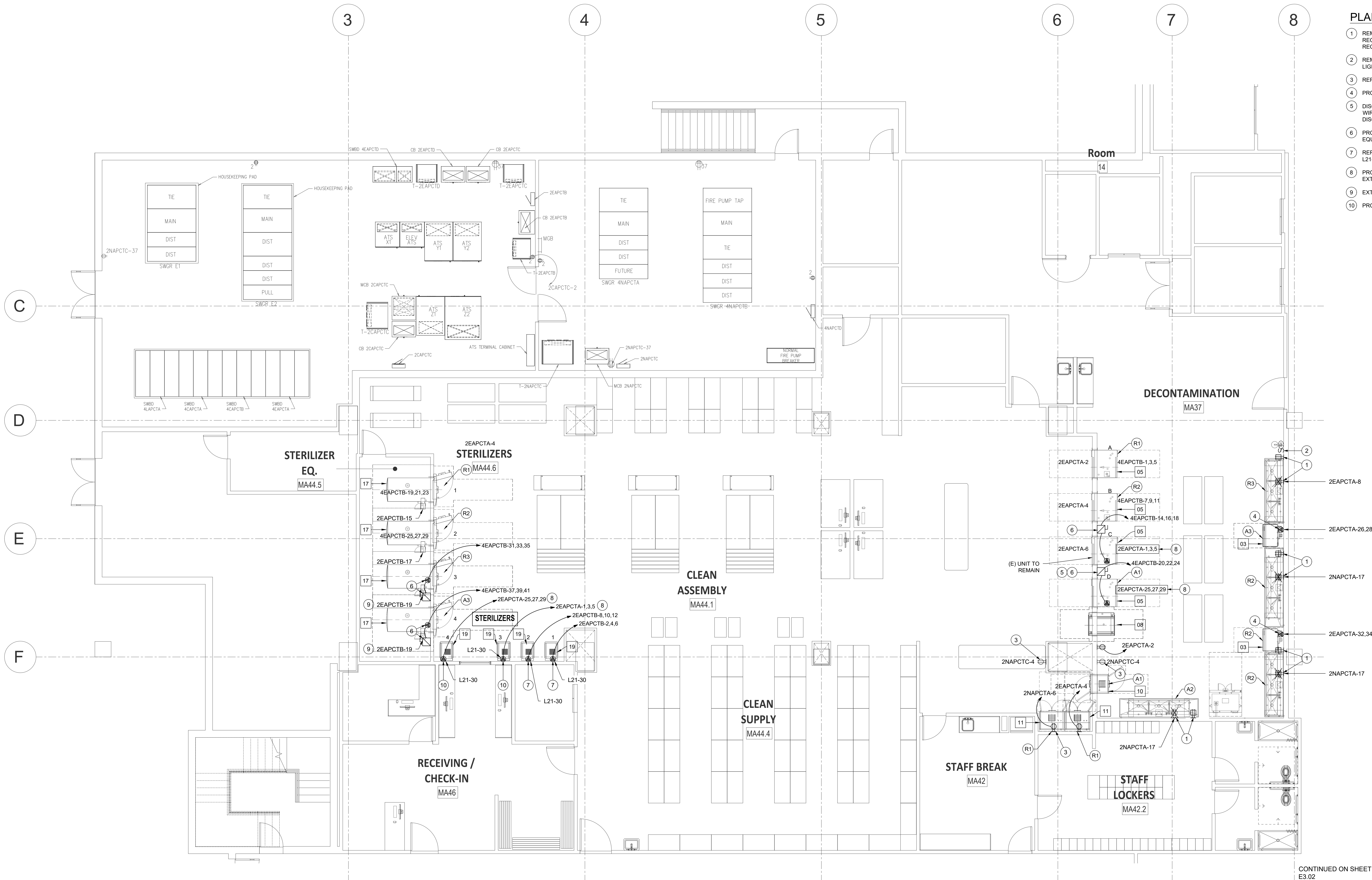
1111 Fawcett Ave Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 24-124

DOH CD REVIEW/PERMIT SET

Phone: 503.224.4848

421 SW Alder St, Suite 700
Portland, OR 97205

PLOTTED: Feb 07, 2025 - 11:41am SHEET: 24x36 PLOTTED BY: bracon
DWG PATH: I:\2024_jobs\24-124\Drawings\Elec\24-124_E3.01.dwg
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PARTIAL FLOOR PLAN - LEVEL A - ELECTRICAL
3/16" = 1'-0"

1' 5' 10'
0' 3' 10"
SCALE 3/16" = 1'-0"

GENERAL NOTES:

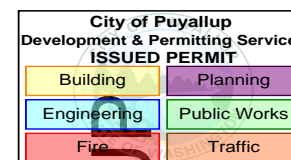
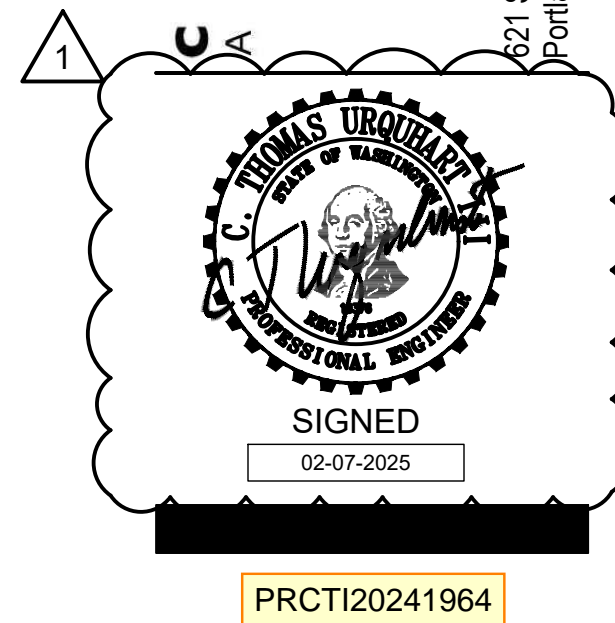
1. WORK IS PHASED. SEE ARCHITECTURAL PLANS FOR PHASING AND RELATED REQUIREMENTS.
2. MODIFY AND EXTEND WIRING AS REQUIRED TO RELOCATE DEVICES AND EQUIPMENT INDICATED.
3. # INDICATES EQUIPMENT CALLOUT, REFER TO EQUIPMENT SCHEDULE FOR WIRING REQUIREMENTS.

KEYED NOTES:

- (R#) DISCONNECT EXISTING TO ALLOW EQUIPMENT REMOVAL AND REPLACEMENT. MODIFY AND EXTEND WIRING AS REQUIRED TO RECONNECT TO EXISTING ELECTRICAL # = PHASE
- (A#) PROVIDE NEW ELECTRICAL FOR ADDED EQUIPMENT. # = PHASE

PLAN NOTES:

1. REMOVE EXISTING RECEPTACLE AND RELOCATE RECEPTACLE TO NEW LOCATION. PROVIDE NEW GFCI RECEPTACLES.
2. REMOVE EXISTING LIGHT SWITCH AND RELOCATE LIGHT SWITCH TO NEW LOCATION.
3. REPLACE DEVICE WITH NEW.
4. PROVIDE HARDWIRE CONNECTION.
5. DISCONNECT ULTRASONIC CLEANER AND EXTEND WIRING TO NEW STERILIZER, SEE NOTE 8. REMOVE DISCONNECT.
6. PROVIDE NEW FEEDER, DISCONNECT AND EQUIPMENT CONNECTION.
7. REPLACE EXISTING RECEPTACLE WITH NEW NEMA L21-30 RECEPTACLE. REPLACE EXISTING WITH NEW.
8. PROVIDE JUNCTION BOX ABOVE CEILING AND EXTEND EXISTING WIRING TO NEW STERILIZER 3 & 4.
9. EXTEND CIRCUIT TO NEW STERILIZER CONTROL.
10. PROVIDE NEW WIRING AND RECEPTACLE.



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15th AVE SE, PUYALLUP WA 98372



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△ PERMIT REVIEW
RESPONSE 02.07.25

POWER PLAN -
LEVEL A

E3.01

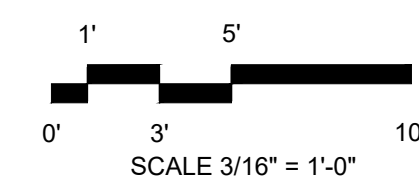
PROJECT NO.: 07039

HULTZ + BHU
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1111 Fawcett Ave Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 24-124

DOH CD REVIEW/PERMIT SET

Phone: 503/224-4848

421 SW Alder St, Suite 700
Portland, OR 97205



FEEDER SCHEDULE - ABOVE 1000V						
#	PLAN MARK	CONDUIT SIZE	CONDUCTORS	600V GROUNDING NEUTRAL	600V GROUND	AMPACTY
A			3 #4/0 15kV MV-105	#4/0		315
B			3 #1/0 15kV MV-105	#1/0		215
C		6"	3 #750 AL 15kV MV-105		#4/0	490
D		6"	SPARE			
E		4"	3 #2 15kV MV-105		#2	165
F		4"	SPARE			
G		4"	3 #250 15kV MV-105		#4/0	345
H		4"	SPARE			
I		4"	3 #2 15kV MV-105		#4/0	165
J		4"	3 #1/0 15kV MV-105	#1/0	#2	215
		4"	SPARE			

GENERAL NOTES:

- FEEDER SCHEDULE SHOWS EXISTING INSTALLATION.
- COPPER CONDUCTORS UNLESS NOTED OTHERWISE.
- CONDUIT PATHWAY USED AS GROUND CONDUCTOR UNLESS NOTED OTHERWISE.
- NO. IN FRONT OF PLAN MARK INDICATES NUMBER OF PARALLEL RUNS IF MORE THAN ONE.

ELECTRICAL PLAN NOTES (NEW):

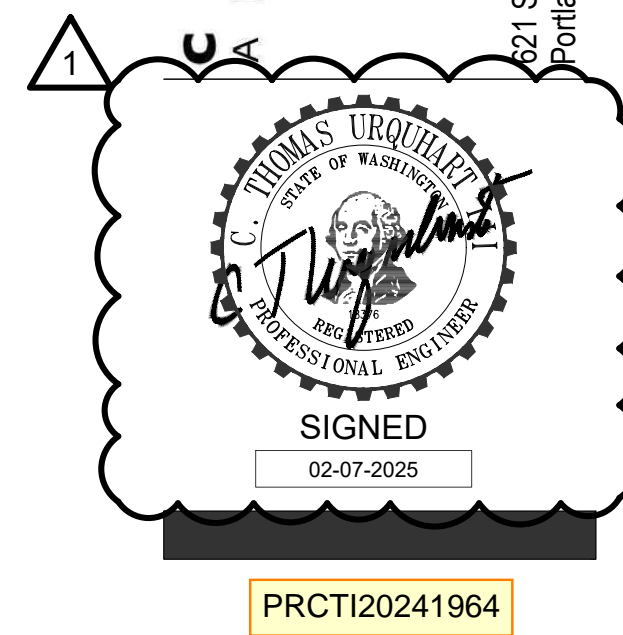
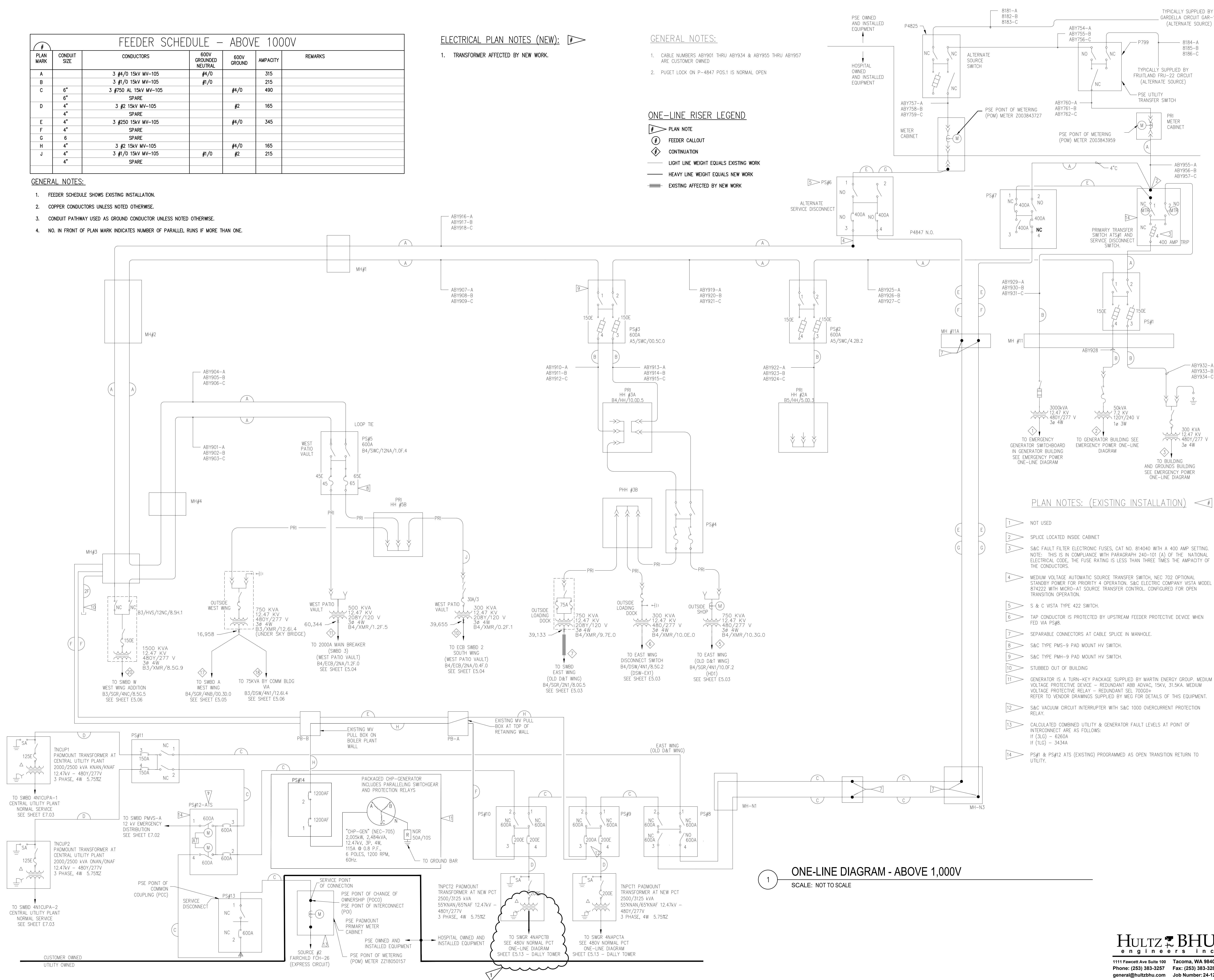
- TRANSFORMER AFFECTED BY NEW WORK.

GENERAL NOTES:

- CABLE NUMBERS ABY901 THRU ABY934 & ABY955 THRU ABY957 ARE CUSTOMER OWNED
- PUGET LOCK ON P-4847 POS.1 IS NORMAL OPEN

ONE-LINE RISER LEGEND

- PLAN NOTE
- FEEDER CALLOUT
- CONTINUATION
- LIGHT LINE WEIGHT EQUALS EXISTING WORK
- HEAVY LINE WEIGHT EQUALS NEW WORK
- EXISTING AFFECTED BY NEW WORK



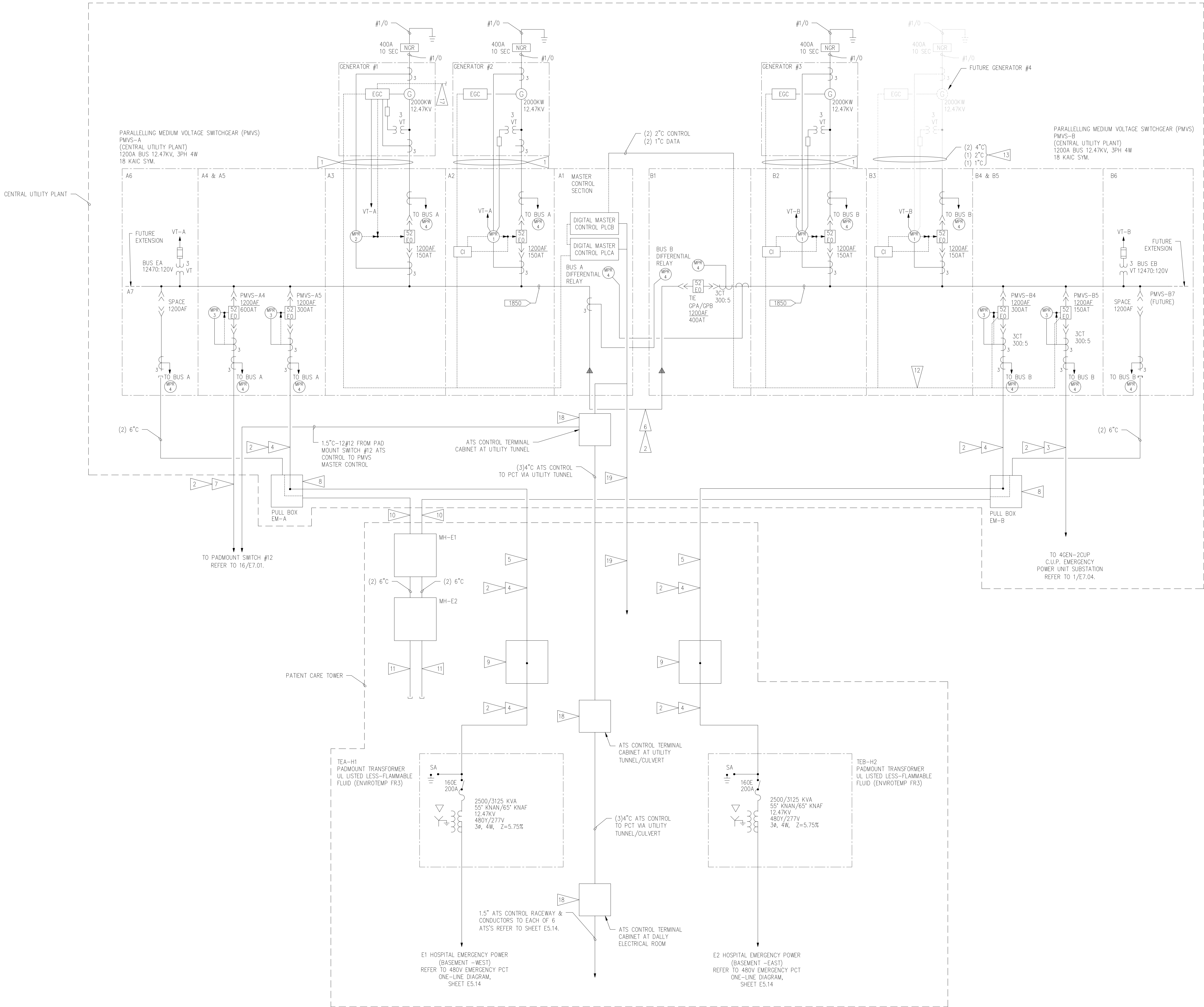
STERILE PROCESSING ROOM REMODEL
MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP
401 15th AVE SE, PUYALLUP WA 98372



ISSUE DATE: 12.18.24
REVISIONS:
PERMIT REVIEW RESPONSE 02.07.25

ONE-LINE DIAGRAM - ABOVE 1000V
E5.00
PROJECT NO.: 07039

HULTZ & BHU
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1 DALLEY TOWER ONE-LINE DIAGRAM - EMERGENCY GENERATOR
SCALE: NOT TO SCALE

PLAN NOTES: (EXISTING INSTALLATION)

- 1 (1) 4°C-3#2 CU 15KV MV-105, 1#2 CU 600V XHHW GROUND (POWER)
- 2 (1) 4°C SPARE, (1) 2°C FOR CONTROL, (1) 1°C FOR DATA ROUTED WITH GENERATOR POWER FEEDER.
- 3 SPARE RACEWAY SAME SIZE AS FOR FEEDER, ROUTED WITH THE FEEDER RACEWAY.
- 4 (1) 4°C-3#2 CU 15KV MV-105, 1#2 CU 600V XHHW GROUND.
- 5 (1) 6°C-3#4/0 AL 15KV MV-105, 1#4/0 CU 600V XHHW GROUND.
- 6 FEEDER ROUTED FROM CUP SWITCHGEAR TO PATIENT CARE TOWER VIA UTILITY TUNNEL.
- 7 SWITCHGEAR TIE FEEDER, (1) 6°C-3#350 KCMIL AL 15KV MV-105, 1#350 KCMIL AL 600V XHHW GROUND, (1) 6°C SPARE.
- 8 EMERGENCY TO NORMAL FEEDER FOR OPTIONAL SERVICE TO SOUTH 12.47KV NORMAL POWER SYSTEM, (1) 6°C-3#750 KCMIL AL 15KV MV-105, 1#4/0 CU 600V XHHW GROUND.
- 9 PULL BOX 72"H X 80"W 18"D NEMA 3 WITH HINGED COVERS FOR FEEDER IN UTILITY TUNNEL AT CENTRAL PLANT. BARRIERS IN PULLBOX SEPARATE THE CIRCUITS.
- 10 PULL BOX FOR 12470 VOLT EMERGENCY FEEDERS TO PCT TRANSFORMERS. PULLBOX LOCATED IN UTILITY TUNNEL AT TUNNEL/CULVERT SWITCH VAULT AREA.
- 11 (2) 6°C TO SITE VIA UTILITY TUNNEL FOR FUTURE PHASES 12.47KV EMERGENCY POWER SERVICE.
- 12 (2) 6°C RUN EAST TO NEAR MH-N3 FOR EXTENSION TO FUTURE PHASES 12.47KV EMERGENCY POWER SERVICE.
- 13 CONDUITS TO 5 FEET OUTSIDE NORTH BUILDING FOUNDATION AND CAPPED FOR FUTURE USE.
- 14 NOT USED.
- 15 NOT USED.
- 16 NOT USED.
- 17 PERMISSIVE PARALLELING EXTENDED TO EACH EGC.
- 18 TERMINAL CABINET 36"H X 48"W X 12"D NEMA 3 WITH HINGED COVER.
- 19 1" ATS CONTROL RACEWAY AND CONDUCTORS VIA UTILITY TUNNEL/CULVERT TO EACH OF 2 FIRE PUM ATS/CONTROLLERS. REFER TO SHEET 4E7.04.

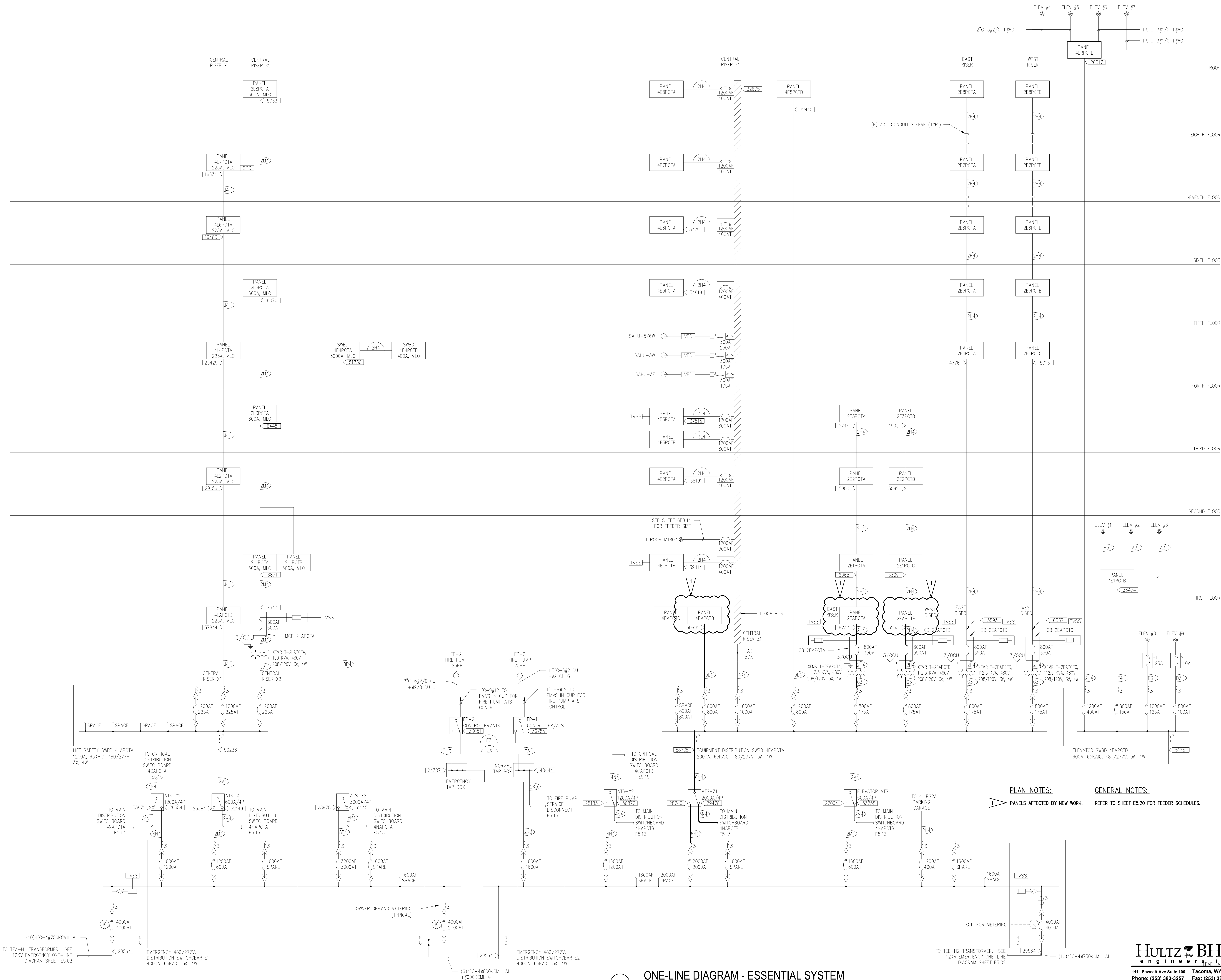


SCALE: NOT TO SCALE

NOT USED

LOAD REVISION			
ID	KVA	AMP	
4NAPCTB	3324	4000.00	RATING
2N1PCTJ	.09	0.11	NEW LOAD
2N1PCTF	2.07	2.49	NEW LOAD
		2.60	TOTAL NEW
REVISION		0.06	%

LESS THAN 5% LOAD ADDED



1 ONE-LINE DIAGRAM - ESSENTIAL SYSTEM
SCALE: NOT TO SCALE

PLAN NOTES:
1 PANELS AFFECTED BY NEW WORK.

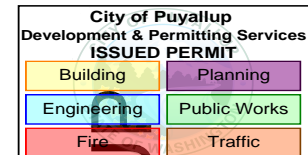
GENERAL NOTES:
REFER TO SHEET E5.20 FOR FEEDER SCHEDULES.



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

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NOTES:
1. DOUBLE NEUTRAL

PAVILION FEEDER SCHEDULE – BELOW 1000V OR BELOW					
FEEDER CALLOUT	# OF SETS	CONDUIT SIZE	CONDUCTORS	GROUND	REMARKS
1	1	3/4"	3 #8		
2	1	1-1/4"	4 #2		
3	1	1-1/4"	3 #2 + 1#4N	1 #8	
4	1	2"	4 #2		
5	1	1-1/4"	4 #1	1 #8	
6	1	1-1/2"	4 #1	1 #6	
7	1	2"	4 #1		
8	1	2"	4 #3/0		
9	1	2"	4 #3/0	1 #6	
10	1	2"	3 #4/0	1 #4	
11	1	2-1/2"	4 #3/0		
12	1	2-1/2"	4 #4/0	1 #4	
13	1	2-1/2"	4 #4/0		
14	1	3"	3 #300 kcMIL	#2	
15	1	3"	4 #350 kcMIL	#4	
16	1	3"	3 #400 kcMIL	#3	
17	2	3"	3 #300 kcMIL + 1 #2/0		
18	1	1"	#6	1 #10	
19	1	1-1/2"	3 #1/0	1 #2	
20	1	1-1/2"	4 #2	1 #8	
21	1	2-1/2"	3 #250 kcMIL		
22	1	2"	4 #1/0		
23	1	3/4"	3 #4	1 #8	
24	1	1-1/4"	4 #3	1 #8	
25	1	3"	3 #600kcMIL	1 #2	
26	1	3/4"	3 #8	1 #8	
27	1	1 1/4"	3 #2	1 #8	
28	1	2-1/2"	3 #500kcMIL	1 #2	
29	1	3-1/2"	4 #500kcMIL		
30	1	3-1/2"	3 #400 kcMIL	1 #3	
31	7	3-1/2"	3 #500 kcMIL	1 #4/0	
32	3	3-1/2"	Spare		
33	1	2"	3 #2/0		
34	1	2-1/2"	3 #350 kcMIL + 1 #6 N		
35	1	3"	3 #500 kcMIL + 1 #3/0 N	1 #3	
36	2	2"	4 #3/0		
37	1	3"	4 #500 kcMIL	1 #3	
38	1	2-1/2"	4 #3/0		
39	2	3"	4 #300 kcMIL		
40	1	1-1/4"	4 #4	1 #8	
41	1	2"	4 #1/0	1 #6	
42	1	1-1/2"	4 #1		
43	1	1"	4 #4		
44	1	2"	4 #1	1 #8	
45	6	4"	4 #500 kcMIL	1 #250 kcMIL	
46	3	3"	4 #500 kcMIL		
47	1	2-1/2"	3 #3/0 + 1 #1/0 N		
48	1	3"	4 #4/0	1 #4	
49	2	2-1/2"	4 #350 kcMIL		
50	1	1-1/2"	3 #2	1 #8	
51	1	1"	5 #6		
52	1	1-1/2"	Spare		
53	1	2"	4 #3/0	1 #4	
54	1	1-1/4"	4 #6		
55	2	3"	3 #350 kcMIL + 1 #3/0		
56	1	2"	3 #4/0		
57	1	1-1/4"	4 #3		
58	1	2"	3 #300 kcMIL		
59	1	3/4"	4 #8		
60	1	3/4"	4 #6		
61	1	2"	4 #2/0		
62	1	2"	4 #3/0, 5 #8 control		
63	1	1-1/2"	4 #4, 5 #8 control		
64	2	3"	3 #500 kcMIL		
65	1	3"	4 #500 kcMIL, 5 #8 control		
66	1	1/2"	3 #12		
67	1	1/2"	2 #12		
68	1	1-1/4"	4 #2	1 #6	
69			#1/0		
70			#2/0		
71			#3/0		
72			#4/0		
73			4#4/0		
74			#2		
75	1	1-1/4"	#4		
76			#6		
77			#8		
78			#10		
79			#12		
80			500 kcMIL		
81			500 kcMIL, 1 #1 Neutral		
82		3"	500 kcMIL, 1 #3 Neutral	1 #3	
83			#1		
84		2-1/2"	4 #300 kcMIL	1 #4	
85			350 kcMIL		
86			#2, #4 Neutral		
87			#6, #8 Neutral		
88	1	2-1/2"	3 #400 kcMIL	1 #6	
89	3	4"	3 #500 kcMIL	1 #250	
90	1	1"	4 #6		
91	2	3-1/2"	3 #600 kcMIL	1 #1/0	
92	1	3-1/2"	3 #600 kcMIL	1 #2	
93	2	3"	4 #350 kcMIL	1 #1	
94	1	2"	4 #1/0	1 #1/0	
95	1	2-1/2"	5 #4/0	2 #6	
96	1	1-1/2"	4 #1/0	1 #6	
97	1	1"	3 #4	1 #8	
98	1	1-1/4"	3 #2	1#6	
99	1	1/2"	4 #10	1 #10	
100			#4/0, #1/0 Neutral		
101	1	3"	4 #500	1 #1	
102	1	3"	3 #350 kcMIL	1 #4	
103	1	3"	3 #400 kcMIL	1 #3	
104	1	2-1/2"	3 #3/0	1 #4	
105	1	2-1/2"	3 #4/0	1 #4	
106			#4, #6 Neutral		
107	1	2-1/2"	4 #2/0		
108			3 #1/0 + 1 #3N	1 #3	

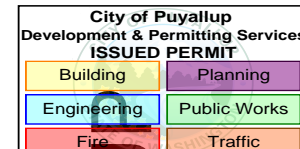
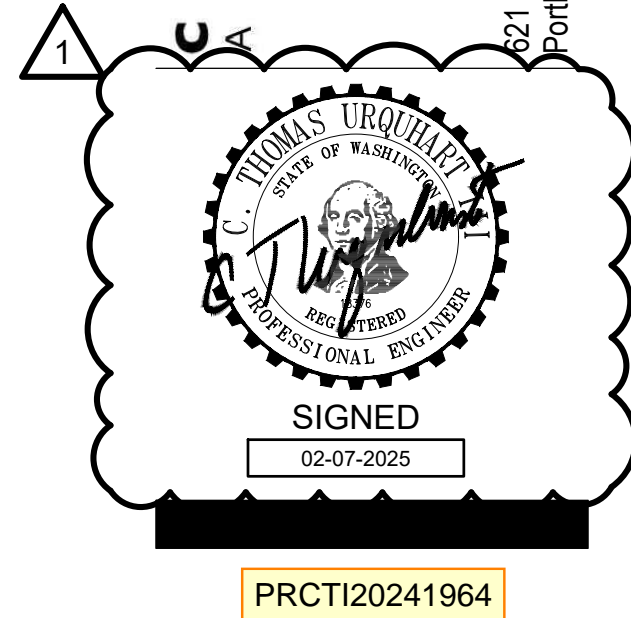
PAVILION FEEDER SCHEDULE – BELOW 1000V OR BELOW					
FEEDER CALLOUT	# OF SETS	CONDUIT SIZE	CONDUCTORS	GROUND	REMARKS
109			3 #750 kcMIL	1 #3	
110	1	3"	3 #1/0	1 #6	
111	1	3"	4 #400 kcMIL		
112	1	3"	4 #350 kcMIL		
113	1	1-1/2"	3 #2	1 #2	
114	1	1-1/2"	4 #1	1 #8	
115	1	1-1/4"	3 #1	1 #1	
116	1	3"	3 #4/0 + 1 #1/0 N	1 #6	
117	1	1-1/2"	2 #1/0	1 #8	
118	1	1-1/4"	2 #2		
119	4	3-1/2"	4 #350 kcMIL	1 #3/0	
120	1	2"	3 #4	1 #8	
121	1	2"	3 #1/0	1 #6	
122	1	2-1/2"	3 #250 kcMIL	1 #4	
123	1	3"	3 #250 kcMIL	1 #4	
124	1	3"	3 #4/0	1 #4	
125	1	1-1/4"	4 #4	1 #6	
126	1	2-1/2"	3 #3/0	1 #6	
127	1	2-1/2"	4 #4/0	1 #2	
128	1	3-1/2"	3 #600 kcMIL	1 #2	
129	1	3-1/2"	4 #750 kcMIL	1 #3	
130	1	3/4"	2 #8	1 #8	
131	3	3-1/2"	3 #500 kcMIL	1 #1/0	
132	2	1-1/2"	4 #1		
133	1		3 #350 kcMIL	1 #2	
134	1		4 #500 kcMIL	1 #1/0	
135	2		4 #250 kcMIL	1 #4	
136	2	2-1/2"	4 #3/0	1 #3/0	
137	6		3 #500 kcMIL		Ground conductor unverified
138	3	3"	4 #350 kcMIL		
139	1	3 1/2"	3 #750 KcMIL, 1#2 N	1#2	
140	1	3/4"	2 #8		
141	1	2 1/2"	3 #4/0		
142	1	1 1/2"	3 #1/0	1 #6	
143	2	2 1/2"	4 #300 KcM		
144	1	1"	3 #6		
145	1	1 1/4"	3 #1	1 #6	
146	6	–	4 #350 KCM	–	
147	1	1/2"	3 #10	1 #10	
148	1	2 1/2"	3 #350 KCM, #3 N	1 #3	
149	1	4"	4 #500 KCM		
150	1	1 1/4"	4 #1		
151	1	2"	4 #3/0, 1#6 IG	1 #6	
152	3	4"	4 #500 KCM		
153	1	1"	3 #4, #6 NEUT		
154	7	3 1/2"	3 #500 KCM, #4/0 NEUT		
155	1	3 1/2"	3 #600 KCM, #500 KCM NEUT	#2	
156	2	2 1/2"	4 #4/0	1#3	
157	2	2 1/2"	4 #4/0	1#2	
158	2	2 1/2"	3 #350 KCM	1 #2	
159	2	2 1/2"	4 #3/0, 1#1/0 ISOL GND	#3/0	
160	2	2"	3 #3/0		
161	1	2 1/2"	3 #350 KCM	#4	
162	2	2 1/2"	3 #250 KCM	#1	
163	1	2 1/2"	3 #350 KCM	#1/0	
164	1	2 1/2"	3 #4/0	#4	
165	1	1 1/4"	4 #2	#8	
166	1	3 1/2"	4 #500 KCM	#2	
167	1	3"	3 #500 KCM	#2	
168	1	–	4 #1/0	#2	Top inside Panelboard
169	1	–	4 #2	#4	Top inside Panelboard
170	1	3"	4 #1/0, 5#8 CONTROL	#6	
171	1	2"	3#2/0	#2/0	
172	1	3 1/2"	4#4/0	#4	
173	1	1 1/4"	2#2, #4 NEUT		
174	1	1 1/4"	2#1/0, #1 NEUT	#6	
175	1	1"	4#6	1#10	
176	1	3/4"	3#10	1#10	
177	1	1 1/2"	4#1	1#6	
178	1	1"	3#4	1#8	
179	1	1 1/2"	3#1	1#6	
180	1	3/4"	4#8	1#10	
181	1	3/4"	3#10	1#10	
182	1	1 1/4"	2#4, 1 #8 NEUT	1#6	
183	1	2"	3 #3/0	1#4	
184	1	1"	3 #2		
185	1	1 1/4"	2#2, 1#4 NEUT		
186	1	3/4"	3 #12		
187	1	3/4"	3 #6		
188	1	1 1/4"	3 #2	1#6	
189	1	1 1/4"	3#2, 1#4 NEUT	1#4	
190	1	2"	4 #4/0	1#6	
191	1	2"	4 #2/0	1#4	
192	1	4"	3#750, 1#600N	1#2/0	
193	1	3"	4#500	1#2	
194	1	2"	4#1/0	1#2	
195	2	2 1/2"	3#3/0	1#1	
196	1	1"	4#6	1#8	
197	1	3"	4#350	1#2	
198	2	2"	4#2/0	1#2	
199	2	3"	4#350	1#1/0	
200	1	3"	3#500 + 3/0N		
201	1	3"	3#500 + 3/0N	1#2	
202	1	2"	4#2	1#8	
203	1	1 1/4"	3#2	1#8	
204	1	3"	3#500 + #3N	1#3	
205	1	3 1/2"	4#600	1#3	
206	1	1 1/2"	2#1	1#6	
207	4	3"	4#350	1#4/0	
208	1	2"	3#3/0	1#6	

GENERAL NOTES:

- FEEDER SCHEDULE SHOWS BOTH NEW, MODIFIED AND EXISTING.
- COPPER CONDUCTORS UNLESS NOTED OTHERWISE.
- CONDUIT PATHWAY USED AS GROUND CONDUCTOR UNLESS NOTED WITH GROUND CONDUCTOR.

DALLY TOWER FEEDER SCHEDULE			
FEEDER NO.	COPPER CONDUCTORS		AMAPCITY
	CONDUIT	WIRE	
A3	1"	3#4 + #8 G	85
A4	1.25"	4#4 + #8 G	85
B3	1.25"	3#2 + #6 G	115
B4	1.25"	4#2 + #6 G	115
C3	1.5"	3#1 + #6 G	130
C4	1.5"	4#1 + #1 G	130
C5	2"	3#1 +2#1/0 N + #6 G	130
J5	2"	3#4/0 + #1/0 N + #4 G	230

DALLY TOWER FEEDER SCHEDULE			
FEEDER NO.	ALUMINUM CONDUCTORS		AMAPCITY
	CONDUIT	WIRE	
D3	1.5"	3#1/0 + #6 G	120
D4	1.5"	4#1/0 + #6 G	120
E3	1.5"	3#2/0 + #4 G	135
F3	2"	3#3/0 + #4 G	155
F4	2"	4#3/0 + #4 G	155
G3	2"	3#4/0 + #4 G	180
J3	2.5"	3#300 + #2 G	230
J4	3"	4#300 + #2 G	230
K3	3"	3#350 + #2 G	250
K4	3"	4#350 + #2 G	250
N3	3.5"	3#600 + #1 G	340
2H4	(2) 3"	4#250 + #1 G E.A.	410
2K3	(2) 3"	3#350 + #1/0 G E.A.	500
2M4	(2) 3.5"	4#500 + #3/0 G E.A.	620
3L3	(3) 3"	3#400 + #3/0 G E.A.	810
3L4	(3) 3.5"	4#400 + #3/0 G E.A.	810
4K4	(4) 3"	4#250 + #4/0 G E.A.	1000
4N4	(4) 4"	4#600 + #350 G E.A.	1360
5N4	(5) 4"	4#600 + #400 G E.A.	1700
6N4	(6) 4"	4#600 + #600 G E.A.	2040
8P4	(8) 4"	4#750 + #750 G E.A.	3080



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15th AVE SE, PUYALLUP WA 98372



ISSUE DATE: 12.18.24

REVISIONS:

- △ PERMIT REVIEW
- RESPONSE 02.07.25

FEEDER SCHEDULES

EIGHTH			THREE PHASE PANEL SCHEDULE										
4EAPCTB (E)			VOLTAGE: 480/277 4W			RATING: 800 A			MAIN: LUG				
GRID			ENCLOSURE				ACCESSORIES				A/C ASSEMBLY		
SECTION: 1 OF 1			FLUSH				ISOLATED GROUND				SERVICE RATED		
LOCATION: CENTER ELECTRICAL ROOM			X SURFACE				SPD				SERVICE RATED		
			X NEMA TYPE 1				200% NEUTRAL				14K		
			NEMA TYPE 3R				X FEED THRU LUGS				35K		
			NEMA TYPE 12				DOUBLE LUGS				X 65K		
CODE	DESCRIPTION		VA	BKR	CKT	A	B	C	CKT	BKR	VA	* DESCRIPTION	CODE
	WASHER / DISINFECTION - MA37		3460	20/3	1	7660			2	20/3	4200	SP-1 & SP-2 - LEVEL A	M
			3460		3		7660		4		4200		M
			3460		5			7660	6		4200		M
	WASHER / DISINFECTION - MA37		3460	20/3	7	4760			8	15/3	1300	FCU-1 - LEVEL A	M
			3460		9		4760		10		1300		M
			3460		11			4760	12		1300		M
	CART WASHER / DISINFECTION - MA37.3		4830	30/3	13	4830			14	20/1		SPARE	M
			4830		15		4830		16	20/1		SPARE	M
			4830		17			4830	18	20/1		SPARE	M
	STEAM STERILIZER - MA44.6		830	15/3	19	830			20	20/1		SPARE	M
			830		21		830		22	20/1		SPARE	M
			830		23			830	24	20/1		SPARE	M
	STEAM STERILIZER - MA44.6		830	15/3	25	830			26	20/1		SPARE	M
			830		27		830		28	20/1		SPARE	M
			830		29			830	30	20/1		SPARE	M
	SPARE			15/3	31				32			SPACE	M
					33				34			SPACE	M
					35				36			SPACE	M
	SPARE			40/3	37				38			SPACE	M
					39				40			SPACE	M
					41				42			SPACE	M
	BREAKER CODE: A=AFCL, G=GFCI, S=SHUNT TRIP						18910	18910	18910	VA	4EAPCTB (E)		
										VA			
							18910	18910	18910	VA SUB-TOTAL			
			KVA		KVA				TOTAL LOAD	KVA		AMPS	
L	LIGHTING			X	125%				CONNECTED	563.2		677.5	
R	RECEPTACLES			X	100%				CALCULATED	617.2		742.4	
	RECEPTACLES OVER 10K			X	50%								
M	MOTORS		295.6	X	100%	295.6			* REMARKS				
L	LARGEST MOTOR		215.8	X	125%	269.7							
M	KITCHEN			X	100%								
N	NONCONCIDENT		11.6	X	100%	11.6							
	REMAINDER		40.2	X	100%	40.2							
EV	EV CHARGER			X	100%								
LX	X-RAY - LARGEST			X	50%								
NX	X-RAY - NEXT LARGEST			X	25%								
X	X-RAY - REMAINDER			X	10%								

[illegible]

EXISTING		THREE PHASE PANEL SCHEDULE													
2EAPCTB (E)		VOLTAGE: 208/120, 4W				RATING: 400 A				MAIN:		LUG			
GRID C3/PN1/2EA/3.BB.2		ENCLOSURE				ACCESSORIES				A/C ASSEMBLY					
SECTION 1 D/F1		FLUSH				ISOLATED GROUND				SERVICE RATED					
LOCATION: LEVEL A MAIN ELECT RM		X SURFACE				SPD				SERIES RATED					
2-EAPCTB		X NEMA TYPE 1				200% NEUTRAL				10K					
		NEMA TYPE 3R				X FEED THRU LUGS				X 25K					
		NEMA TYPE 12				DOUBLE LUGS				42K					
CODE	DESCRIPTION	R	VA	BKRR	CKT	A	B	C	CKT	BKR	VA	DESCRIPTION	CODE		
	EF-S - CENTRAL, STERILE		1180	20/1	1	2510			2	20/3	1330	PLASMA STERILIZER - MA44.8			
	PRINTER - CLEAN LINEN - MA47		1200	20/1	3		2530		4	20/3	1330				
	PRINTER MATERIAL HANDLING - MA49		1200	20/1	5		2530		6	20/3	1330				
R	REC - CLEAN LINEN - MA47, MA49		720	20/1	7	2050			8	20/3	1330	PLASMA STERILIZER - MA44.6			
R	REC - CLEAN ASSEMBLY - MA44.7 (DROP)		360	20/1	9		1690		10	20/3	1330				
R	REC - CLEAN ASSEMBLY - MA44.7 (DROP)		360	20/1	11			1690	12	20/3	1330				
R	REC - CLEAN ASSEMBLY - MA44.7 CEIL		180	20/1	13	680			14	20/1	500	ELEVATOR SECURITY CAMERAS			
	STERILIZER CONTROL - MA44.6		200	20/1	15		950		16	20/1	750	HEAT TRACE - LOADING DOCK			
	STERILIZER CONTROL - MA44.6		200	20/1	17			200	18	20/1	750				
	STERILIZER CONTROL - MA44.6		1000	20/1	19	2000			20	G/1	1000	EMERGENCY SHOWER - LOADING DOCK			
	PTS STELZER - MA44.6		600	20/1	21		600		22			"			
R	REC - SYNTHESIS - MA44.2		720	20/1	23			1720	24	20/1	1000	AUTO DOOR DECONTAMINATION			
R	REC - CLEAN UTILITY - MA44.2		720	20/1	25	1720			26	20/1	1330	AUTO DOOR ELEVATOR - CLEAN SUPPLY			
	AUTO DOOR - MA47 LINEN		1000	20/1	27		1360		28	20/1	960	REC - CLEAN ASSEMBLY - MA44.1 (DROP)	R		
	AUTO DOOR - MA49 HAULING		1000	20/1	29			1360	30	20/1	960	REC - CLEAN ASSEMBLY - MA44.1 (DROP)	R		
	TF-1-1 - LEVEL A		690	20/1	31	1340			32	20/1	650	AUTO DOOR MATERIAL HANDLING - MA45			
	REC - CLEAN UTILITY - MA47		360	20/1	33		1010		34	20/1	650	AUTO DOOR MATERIAL HANDLING - MA45			
	ETHERNET HUB/EGX GATEWAY		250	20/1	35			610	36	20/1	350	REC - MATERIAL HANDLING - MA45			
	POWER LOGIC FIRE PUMP		250	20/1	37	1000			38	20/1	750	PRINTER MATERIAL HANDLING - MA45			
	CONTROL POWER & E2		200	20/1	39		250		40	20/1		STERILIZER - MA44.6			
	SP424		200	20/1	41				42	20/1		STERILIZER - MA44.6			
BREAKER CODE: A=AFCL, G=GFCL, S=SHUNT TRIP															
			11300	8390	8110	VA	2EAPCTB (E)								
			23570	23190	27510	VA	2E1PCTC								
			34870	31580	35620	VA	SUB-TOTAL								
			KVA			KVA	TOTAL LOAD	KVA			AMPS				
L	LIGHTING		2.00	X	125%	2.50	CONNECTED	102.1			283.5				
	RECEPTACLES		4.68	X	100%	4.68	CALCULATED	102.6			284.9				
	RECEPTACLES OVER 10K			X	50%										
M	MOTORS			X	100%										
L	LARGEST MOTOR			X	125%										
K	KITCHEN		4.07	X	100%	4.07									
N	NONCONCURRENT EQUIP		91.32	X	100%	91.32									
REMARKS															
LX	X-RAY - LARGEST			X	20%										
NX	X-RAY - LARGEST 2			X	100%										
X	X-RAY - REMAINDER			X	20%										
LIGHT LINE WEIGHT INDICATES EXISTING HEAVY LINE WEIGHT INDICATES NEW WORK															

REVISED				THREE PHASE PANEL SCHEDULE											
4EAPCTB				VOLTAGE: 480/277 4W				RATING: 800 A MAIN:				LUG			
GRID				ENCLOSURE				ACCESSORIES				A/C ASSEMBLY			
SECTION 1 OF 1				FLUSH				ISOLATED GROUND				SERVICE RATED			
LOCATION: CENTER ELECTRICAL ROOM				X SURFACE				SPD				SERIES RATED			
				X NEMA TYPE 3R				200% NEUTRAL				14K			
				NEMA TYPE 3R				X FEED THRU LUGS				35K			
				NEMA TYPE 12				DOUBLE LUGS				X 65K			
CODE	DESCRIPTION	VA	BKR	CKT	A	B	C	CKT	BKR	VA	DESCRIPTION	CODE			
MA37 - WASHER -A	2	4570	30/3	1	8770			2	20/3	4200	SP-1 & SP-2 - LEVEL A	M			
		4570	3	5		8770		4	4	4200		M			
		4570	5	5			8770	6	6	4200		M			
MA37 - WASHER -B	2	4570	30/3	7	5870			8	15/3	1300	FCU-1 - LEVEL A	M			
		4570		9		5870		10	10	1300		M			
		4570		11			5870	12	12	1300		M			
CART WASHING / DISINFECTION - MA37-3		4830	30/3	13	9400			14	30/3	4570	1 MA37 - WASHER -C				
		4830		15		9400		16		4570					
		4830		17			9400	18		4570					
STEAM STERILIZER-1 MA44.6		830	15/3	19	5400			20	30/3	4570	1 MA37 - WASHER -D				
		830		21		5400		22		4570					
		830		23			5400	24		4570					
STEAM STERILIZER-2 MA44.6		830	15/3	25	830			26	20/1		SPARE				
		830		27		830		28	20/1		SPARE				
		830		29			830	30	20/1		SPARE				
STEAM STERILIZER-3 MA44.6	1	830	15/3	31	830			32			SPACE				
		830		33		830		34			SPACE				
		830		35			830	36			SPACE				
STEAM STERILIZER-4 MA44.6	1	830	15/3	37	830			38			SPACE				
		830		39			830	40			SPACE				
		830		41			830	42			SPACE				
BREAKER CODE: A=AFCL, G=GFCI, S=SHUNT TRIP						31930	31930	31930	VA	4EAPCTB					
									VA						
						31930	31930	31930	VA	SB-TOTAL					
		KVA		KVA				TOTAL LOAD	KVA	AMPS					
L	LIGHTING		X	125%				CONNECTED	602.3	724.5					
R	RECEPTACLES		X	100%				CALCULATED	656.2	789.3					
	RECEPTACLES OVER 10K		X	50%											
M	MOTORS	295.6	X	100%	295.6			REMARKS							
L	LARGEST MOTOR	215.8	X	125%	269.7										
K	KITCHEN		X	100%				1 PROVIDE NEW BREAKER AND CONNECT NEW LOAD 2 REPLACE EXISTING BREAKER WITH NEW							
N	NONCONCIDENT	11.6	X	100%	11.6										
L	REMAINDER	79.3	X	100%	79.3										
EV	EV CHARGER		X	100%											
LV	X-RAY - LARGEST		X	50%											
NX	X-RAY - NEXT LARGEST		X	25%				UPDATE PANEL SCHEDULE LIGHT LINE WEIGHT EQUALS EXISTING HEAVY LINE WEIGHT EQUALS NEW							
NX	X-RAY - REMAINDER		X	10%											

REVISION		THREE PHASE PANEL SCHEDULE													
2EAPACTA		VOLTAGE: 208/120. 4W				RATING: 400 A				MAIN:		LUGS			
GRID C3/PNL/2EA/12.2.E.6		ENCLOSURE				ACCESSORIES				A/C ASSEMBLY					
SECTION 1 OF 1		FLUSH				ISOLATED GROUND				SERVICE RATED					
LOCATION: LEVEL A EAST ELECT RM		X SURFACE				SPD				SERIES RATED					
T-2EAPCTB		X NEMA TYPE 1R				200% NEUTRAL				10K					
		NEMA TYPE 3R				X FIED THRU LUGS				25K					
		NEMA TYPE 12				DOUBLE LUGS				42K					
CODE	DESCRIPTION	VA	BKR	CKT	A	B	C	CKT	BKR	VA	DESCRIPTION	CODE			
MA44.6	STERILIZER -3	2	2880	30/3	1	3360		2	20/1	480	1	BACK RETURN			
			2880	3		4440		3	20/1	1560	1	CRYING CABINET			
			2880	5			2880	6	20/1		1	SPARE			
MA37	ULTRA SONIC CLEANER	4450	60/3	7	4630	4450		8	20/1	180		REC - MA37 DECONTAM			
		4450	9				4450	10	20/2						
		4450	11					12							
SPARE			40/3	13	1270			14	20/1	1270		SPARE			
			15			2000		16	20/1	2000		EQUIP MA37 VCP-1			
			17				2000	18	20/1	2000		WATER HEATER CONTROLS			
SPARE			20/3	19	500			20	20/1	500		FSD EAST			
			21			1300		22	20/1	1300		EQUIP LEVEL A FSDS			
			23/3	23			1300	24	20/1	1300		EQUIP LEVEL A FSDS			
MA44.6	STERILIZER -4	2	2880	30/3	1	3880		25	20/3	1000	1	MA37 ULTRASONIC IRRIGATOR			
			2880	27		3880		28							
			2880	29			3880	30		1000					
SPARE			20/1	31	1000			32	20/3	1000	1	MA37 ULTRASONIC IRRIGATOR			
SPARE			20/1	33		1000		34							
SPARE			20/1	35			1000	36		1000					
SPARE			20/1	37				38	20/1			SPARE			
SPARE			20/1	39				40	20/1			SPARE			
SPARE			20/1	41				42				SPARE			
BREAKER CODE: A=APCI, G=GFCI, S=SHUNT TRIP						16440	17070	15510	VA	2EAPCTA					
						2620	3890	3100	VA	2E1PCTA					
						17260	20960	18610	VA	SUB-TOTAL					
		KVA			KVA			TOTAL LOAD	KVA	AMPS					
L	LIGHTING	X	125%					CONNECTED	56.8	157.9					
R	RECEPTACLES	0.18	X	100%	0.18			CALCULATED	56.8	157.9					
	RECEPTACLES OVER 10K		X	50%											
M	MOTORS	X	100%					REMARKS							
L	LARGEST MOTOR	X	125%					REMARKS							
K	KITCHEN	X	100%					1 PROVIDE NEW BREAKER AND CONNECT NEW LOAD							
N	NONCONCIDENT	X	100%					2 REVISED LOAD ON EXISTING BREAKER							
	EQUIP	56.65	X	100%	56.65										
LX	X-RAY - LARGEST		X	50%				UPDATE PANEL SCHEDULE TO REFLECT NEW OR REVISED LOADS							
NX	X-RAY - NEXT LARGEST		X	25%				LIGHT LINE WEIGHT EQUALS EXISTING							
X	X-RAY - REMAINDER		X	10%				HEAVY LINE WEIGHT EQUALS NEW							

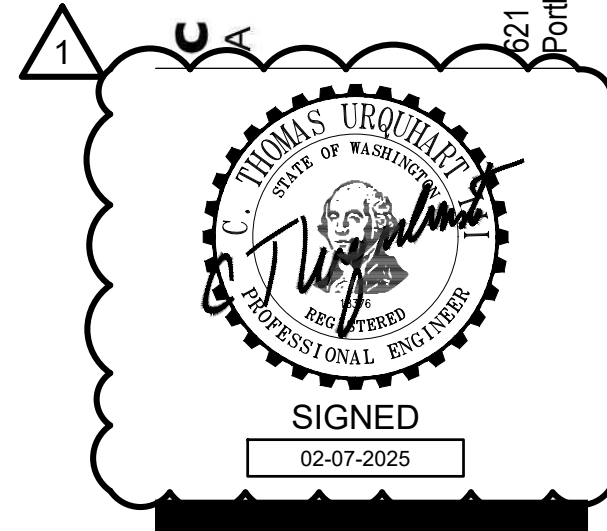
REVISED		THREE PHASE PANEL SCHEDULE													
2EAPCB		VOLTAGE: 208/120 4W				RATING: 400 A				MAIN:		LUG			
GRID C3/PNL/2EA/3.BB.2		ENCLOSURE				ACCESSORIES				A/C ASSEMBLY					
SECTION 1 OF 1		FLUSH				ISOLATED GROUND				SERVICE RATED					
LOCATION: LEVEL A MAIN ELECT RM		X SURFACE				SPD				SERIES RATED					
2-EAPCBT		X NEMA TYPE 1				200% NEUTRAL				10K					
		NEMA TYPE 3R				X FEED THRU LUGS				25K					
		NEMA TYPE 12				DOUBLE LUGS				42K					
CODE	DESCRIPTION	VA	BKR	CKT	A	B	C	CKT	BKR	VA	DESCRIPTION	CODE			
	EFS - CENTRAL STERILE	1180	20/1	1	4060			2	30/3	2880	1 MA44.6 STERILIZER -1				
	PRINTER CLEAN LINES - MA47	1200	3/1			4080	3			2880					
	PRINTER MATERIAL HANDLING - MA49	1200	20/1	5			4080	6		2880					
R	REC - CLEAN ASSEMBLY - MA47, MA49	720	20/1	7	3600			8	30/3	2880	1 MA44.6 STERILIZER -2				
	REC - CLEAN ASSEMBLY - MA44.7 (DROP)	360	20/1	9		3240				2880					
	REC - CLEAN ASSEMBLY - MA44.7 (DROP)	360	20/1	11			3240	12		2880					
R	REC - CLEAN ASSEMBLY - MA44.7 CEIL	180	20/1	13	680			14	20/1	500	ELEVATOR SECURITY CAMERAS				
	STERILIZER 1 CONTROL - MA44.6	200	20/1	15		950	200	16	20/1 G	750	HEAT TRACE - LOADING DOCK				
	STERILIZER 2 CONTROL - MA44.6	200	20/1	17						18					
	STERILIZER 3&4 CONTROL - MA44.6	2	4000	19	1400			20	20/1 G	1000	EMERGENCY SHOWER - LOADING DOCK				
	PTS STEIJER - MA44.6	600	20/1	21		600		22							
R	REC - SYNTHESIS - MA44.2	720	20/1	23			1720	24	20/1	1000	AUTO DOOR DECONTAMINATION				
	REC - SYNTHESIS - MA44.2	720	20/1	25		1720		26	20/1	1000	AUTO DOOR ELEVATOR - CLEAN SUPPLY				
	AUTO DOOR - MA47 LINES	1000	20/1	27		1360		28	20/1	360	REC - CLEAN ASSEMBLY - MA44.1 (DROP)				
	AUTO DOOR - MA49 HAULING	1000	20/1	29			1360	30	20/1	360	REC - CLEAN ASSEMBLY - MA44.1 (DROP)	R			
	TF-11 - LEVEL A	690	20/1	31	1340			32	20/1	650	AUTO DOOR MATERIAL HANDLING - MA45				
	POWER LOGIC UTILITY - MA47	360	20/1	33		1010		34	20/1	650	AUTO DOOR MATERIAL HANDLING - MA45				
	ETHERNET HUB/EGX GATEWAY	250	20/1	35			610	36	20/1	360	REC - MATERIAL HANDLING - MA45				
	POWER LOGIC FIRE PUMP	250	20/1	37	1000			38	20/1	750	PRINTER MATERIAL HANDLING - MA45				
	CONTROL POWER & E2	200	20/1	39		250		40	20/1		STERILIZER - MA44.6				
	SP4&5	200	20/1	41				42	20/1		STERILIZER - MA44.6				
BREAKER CODE: A=AFCI, G=GFCL, S=SHUNT TRIP						13800	11490	11210	VA	2EAPCBT					
						23570	23190	27510	VA	2E1PCTC					
						37370	34680	38720	VA SUB-TOTAL						
		KVA			KVA			TOTAL LOAD	KVA	AMPS					
L	LIGHTING	2.00	X	125%	2.50			CONNECTED	111.8	307.7					
	RECEPTACLES	4.68	X	100%	4.68			CALCULATED	111.3	309.1					
	RECEPTACLES OVER 10K		X	50%											
M	MOTORS		X	100%				* REMARKS							
L	LARGEST MOTOR		X	125%				1 PROVIDE NEW BREAKER AND CONNECT NEW LOAD							
K	KITCHEN	4.07	X	100%	4.07			2 REVISED LOAD ON EXISTING BREAKER							
N	NONCONCURRENT		X	100%											
	EQUIP	100.02	X	100%	100.02										
			X												
	X-RAY - LARGEST		X	20%											
LX	X-RAY - LARGEST 2		X	100%				UPDATE PANEL SCHEDULE TO REFLECT NEW OR REVISED LOADS							
NX	X-RAY - REMAINDER		X	100%				LIGHT LINE WEIGHT EQUALS EXISTING							
			X					HEAVY LINE WEIGHT EQUALS NEW							

EXISTING		THREE PHASE PANEL SCHEDULE													
2NAPCTC (E)		VOLTAGE: 208/120		4W		RATING: 225 A		MAIN:		BREAKER					
GRID		ENCLOSURE		ACCESSORIES		A/C ASSEMBLY									
SECTION 1 OF 1		FLUSH		ISOLATED GROUND		SERVICE RATED									
LOCATION: LEVEL 1 - WEST ELECT RM		X SURFACE		SPD		SERIES SERIED									
WEST RISER		X NEMA TYPE 1		200% NEUTRAL		10K									
T-2NAPCTC		NEMA TYPE 3R		X FEED THRU LUGS		22K									
		NEMA TYPE 12		DOUBLE LUGS		42K									
CODE	DESCRIPTION	VA	BKR	CKT	A	B	C	CKT	BKR	VA	DESCRIPTION	CODE			
M	REC - 16" MAIN ELEC RM	900	201	1	2500			2	201	1800	PRESSURE WASHER - LOADING DOCK	R			
R	COMPACTOR CONTROL - LOADING DOCK	1200	201	3		1720		201	720	1800	REC - CLEAN AREA - MM4-1, MM4-4	R			
R	ROLL UP DOOR - MATERIAL MANGANE	1200	201	5			3000	6	201	1800	TUBE DRYER - MM4-1	R			
R	REC - LOADING DOCK	1080	201	7	1980			8	201	900	REC - STERILIZERS - MM4-6	R			
R	REC - EXTERIOR	720	201	9		1260		10	201	540	REC - CLEAN ASS. DECON - MM4-1, MA37	R			
R	REC - CLEAN LINEN - MM47	720	201	11			1520	12	201	900	REC - EUS - MM4-3	R			
R	REC - CLEAN LIN. MAT - MM47, MM49	900	201	13	1800			14	201	900	REC - DECON - MA37	R			
R	REC - MAT HANDLING - MM49	720	201	15	1520			16	201	800	REC - EUS - MA37-2	R			
R	COPIER - RECEIVING CHECKIN - MM46	1800	201	17		2450	18	201	650	1800	AUTODOOR - SOILED LINEN - MM6-4	R			
R	PRINTING - CLERK - MM4-1	1200	201	19	1920			20	720	720	MATERIAL HOLD - MM45 PRINTER	R			
R	REC - CLERK - MM4-1	900	201	21	1620			22	720	720	REC - MATERIAL HOLD - MM45	R			
R	PRINTER - SUPERVISION MM4-2	1200	201	23		1920	24	201	720	720	REC - MATERIAL HOLD - MM45 WIREMOLD	R			
R	REC - SUPERVISION - MM4-2	900	201	25	1620			26	201	720	REC - MATERIAL HOLD - MM45 WIREMOLD	R			
R	REC - TECHS - MM4-3	1200	201	27	1920			28	201	720	REC - MATERIAL HOLD - MM45 WIREMOLD	R			
R	REC - TECHS - MM4-3	1080	201	29		1800	30	201	720	720	REC - MATERIAL HOLD - MM45 WIREMOLD	R			
R	REC - REAR CART WASHER	360	201	31	1080			32	201	720	REC - MATERIAL HOLD - MM45	R			
R	COMPACTOR CONTROLS	800	201	33	1520			34	201	720	REC - MATERIAL HOLD - MM45	R			
R	REC - MAIN DUCT	800	201	35		1520	36	201	720	720	REC - MATERIAL HOLD - MM45	R			
R	IRRIGATION CONTROL	540	201	37	1260			38	201	720	REC - MATERIAL HOLD - MM45	R			
R	SPARE	500	201	39	1700			40	201	1200	PRESSURE WASHER	R			
			201	41				42	201	540	REC - CENTRAL STERIL POWER POLE				
BREAKER CODE:															
A=AFCL, G=GFCL, N=SWITCHED NEUTRAL, S=SHUNT TRIP															
K=KEYED, P=PADLOCK ATTACHMENT															
		12160	12620	12750	VA	2NAPCTC (E)									
		3600	3950	5400	VA	2NAPCTC									
		15760	16220	18150	VA	SUB-TOTAL									
L	LIGHTING	KVA	KVA	125%			TOTAL LOAD	KVA	AMPS						
R	RECEPTACLES	10.00	X	100%	10.00			CONNECTED	36.2	100.4					
R	RECEPTACLES OVER 10K	9.96	X	100%	5.00			CALCULATED	31.2	86.6					
M	MOTORS	1.20	X	100%	1.20										
L	LARGEST MOTOR	X	125%			REMARKS									
K	KITCHEN	X	100%												
N	NONCOINCIDENT	X													
	EQUIP	15.01	X	100%	15.01										
	PATIENT FIRST 50K	X	40%												
	PATIENT REMAINDER	X	20%												
LX	X-RAY - LARGEST	X	50%												
NX	X-RAY - NEXT LARGEST	X	25%												
XX	X-RAY - REMAINDER	X	10%												

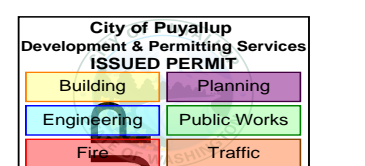
EQUIPMENT CONNECTION SCHEDULE												
ID	DESCRIPTION	LOCATION	MAXIMUM RATINGS					(CU) FEEDER	DISCONNECT		REMARKS	
#			HP	KVA	FAL	MCA	MOPP	VOLT/PH	#12 EACH PHASE + NEUTRAL + GND. UNO.	BY		DESCRIPTION
3	ULTRASONIC IRRIGATOR	MA37	3.00	8.3	10.4	20	208	3	3/4"C-3#12 + #12G	•	3R SWITCH	LOCATE UNDER SINK
3	ULTRASONIC IRRIGATOR	MA37	3.00	8.3	10.4	20	208	3	3/4"C-3#12 + #12G	•	3R SWITCH	LOCATE UNDER SINK.
5	AMSCO STEAM WASHER A	MA37	13.72	16.5	20.6	30	480	3	3/4"C-3#10 + #10G	•	3R FUSED	
5	AMSCO STEAM WASHER B	MA37	13.72	16.5	20.6	30	480	3	3/4"C-3#10 + #10G	•	3R FUSED	
5	AMSCO STEAM WASHER C	MA37	13.72	16.5	20.6	30	480	3	3/4"C-3#10 + #10G	•	3R FUSED	
5	AMSCO STEAM WASHER D	MA37	13.72	16.5	20.6	30	480	3	3/4"C-3#10 + #10G	•	3R FUSED	
8	RACK RETURN	MA37	0.48	4.0	5.0	20	120	1	3/4"C-2#12 + #12G	•	5-20R	
10	PASS-THROUGH	MA37	1.56	13.0	16.3	20	120	1	3/4"C-2#12 + #12G	•	5-20R	
11	DRYING CABINET	MA44.1	1.56	13.0	16.3	20	120	1	3/4"C-2#12 + #12G	•		
11	DRYING CABINET	MA44.1	1.56	13.0	16.3	20	120	1	3/4"C-2#12 + #12G	•		
17	STEAM STERILIZER 1	MA44.6	3.33	4.0	5.0	15	480	3	3/4"C-3#12 + #12G	•	3R FUSED	
			0.24	2.0	2.5	20	120	1	3/4"C-2#12 + #12G	•	3R SWITCH	
17	STEAM STERILIZER 2	MA44.6	3.33	4.0	5.0	15	480	3	3/4"C-3#12 + #12G	•	3R FUSED	
			0.24	2.0	2.5	20	120	1	3/4"C-2#12 + #12G	•	3R SWITCH	
17	STEAM STERILIZER 3	MA44.6	3.33	4.0	5.0	15	480	3	3/4"C-3#12 + #12G	•	3R FUSED	
			0.24	2.0	2.5	20	120	1	3/4"C-2#12 + #12G	•	3R SWITCH	
17	STEAM STERILIZER 4	MA44.6	3.33	4.0	5.0	15	480	3	3/4"C-3#12 + #12G	•	3R SWITCH	
			0.24	2.0	2.5	20	120	1	3/4"C-2#12 + #12G	•	3R SWITCH	
19	STERILIZER 1	MA44.6	8.65	24.0	30.0	30	208	3	3/4"C-3#10 + #10G	•	L21-30R	
19	STERILIZER 2	MA44.6	8.65	24.0	30.0	30	208	3	3/4"C-3#10 + #10G	•	L21-30R	
19	STERILIZER 3	MA44.6	8.65	24.0	30.0	30	208	3	3/4"C-3#10 + #10G	•	L21-30R	
19	STERILIZER 4	MA44.6	8.65	24.0	30.0	30	208	3	3/4"C-3#10 + #10G	•	L21-30R	

NOTE: VERIFY VOLTAGE, PHASE, FLA/MCA OF EACH CONNECTION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN. NOTIFY ARCHITECT/ENGINEER WHEN SCHEDULED SUPPLY WILL NOT MEET NEC REQUIREMENTS.

- PANEL SHOWN FOR REFERENCE ONLY.
NO LOAD REVISIONS.



PRCTI20241964



STERILE PROCESSING ROOM REMODEL

MHS - MULTICARE GOOD SAMARITAN HOSPITAL, PUYALLUP

401 15th AVE SE, PUYALLUP WA 98372




ISSUE DATE: 12.18.24

REVISIONS:

DOH CD REVIEW/PERMIT SET

SCHEDULES

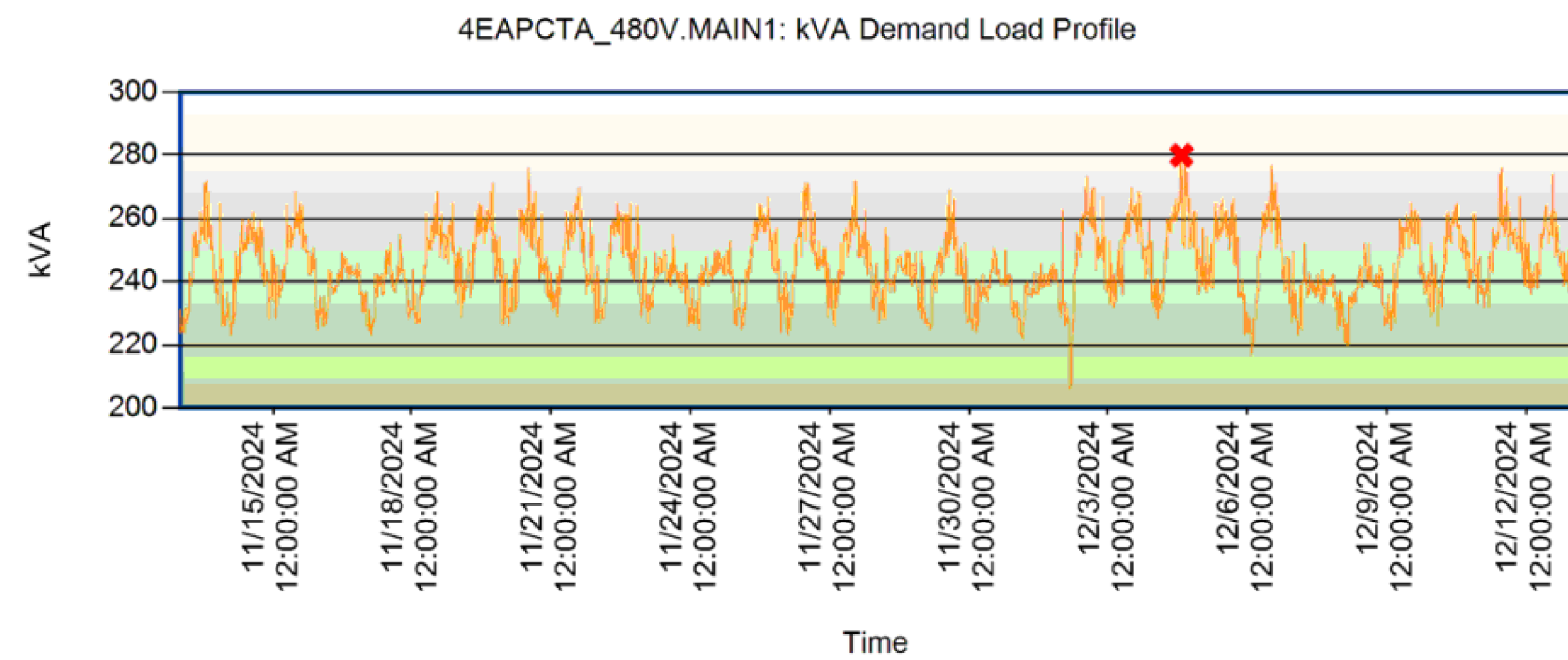
HULTZ  BHU
engineers inc

1111 Fawcett Ave Suite 100 Tacoma, WA 98402
Phone: (253) 383-3257 Fax: (253) 383-3283
general@hultzbhu.com Job Number: 24-124

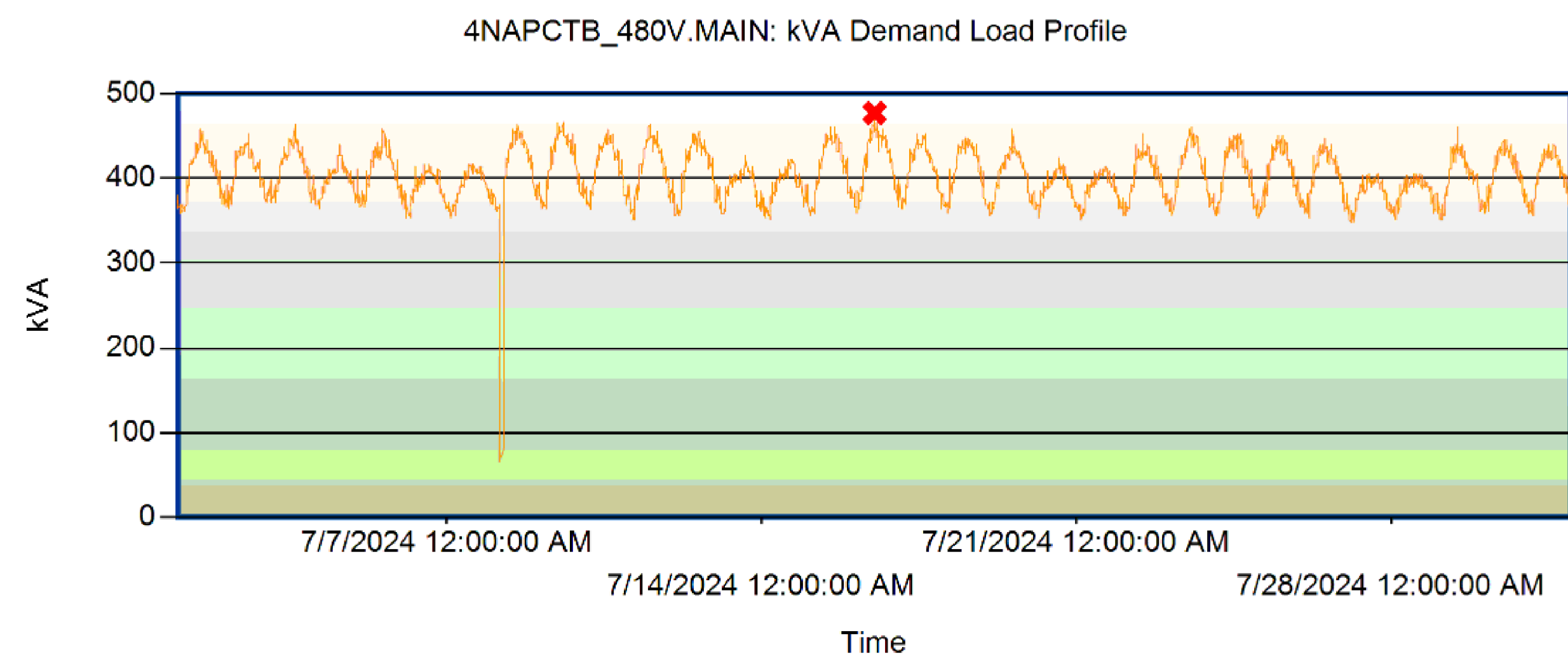
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PROJECT NO.: 07039

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 CLARK K JOS ARCHITECTS, LLC COPYRIGHT 2021



*Maximum Value : 280 on 12/4/2024 at 2:00:00 PM



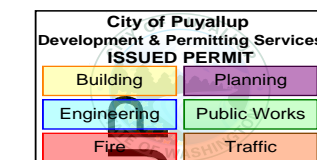
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LOAD CALCULATION - PEAK DEMAND				
SWBD 4EAPCTA (ATS-Z1)		480/277V	3PH	
Description			Remarks	
RECORDING PERIOD	4/5/2017	TO	12/4/2024	
30 DAY PEAK KVA			280.00	KVA
SEASON ADJUSTMENT			100%	
ADJUSTED DEMAND			280.00	KVA
DEMAND FACTOR			125%	
ADJUSTED DEMAND			350.00	KVA
NEW LOAD ADDED			39.06	KVA
			-9.96	KVA
			8.70	KVA
TOTAL LOAD			387.80	KVA
			466.46	AMPS

LOAD CALCULATION - PEAK DEMAND				
SWGR 4NAPCTB		480/277V	3PH	
Description			Remarks	
RECORDING PERIOD	3/1/2021	TO	12/17/2024	
PEAK KVA		477.00	KVA	RECORDED KVA
SEASON ADJUSTMENT		100%		CONTINUOUS OPERATION
ADJUSTED DEMAND		477.00	KVA	
DEMAND FACTOR		125%		NEC 220.87
ADJUSTED DEMAND		596.25	KVA	
NEW LOAD ADDED		39.06	KVA	PANEL 4EAPCTB
		-9.96	KVA	PANEL 2EAPCTA
		8.70	KVA	PANEL 2EAPCTB
TOTAL LOAD		634.05	KVA	
		762.67	AMPS	



PRCTI20241964



STERILE PROCESSING ROOM REMODEL

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401 15th AVE SE, PUYALLUP WA 98372



ISSUE DATE: 12.18.24

REVISIONS:

1 PERMIT REVIEW
RESPONSE 02.07.25

DOH CD REVIEW/PERMIT SET

LOAD CALCS

E6.02

PROJECT NO.: 07039