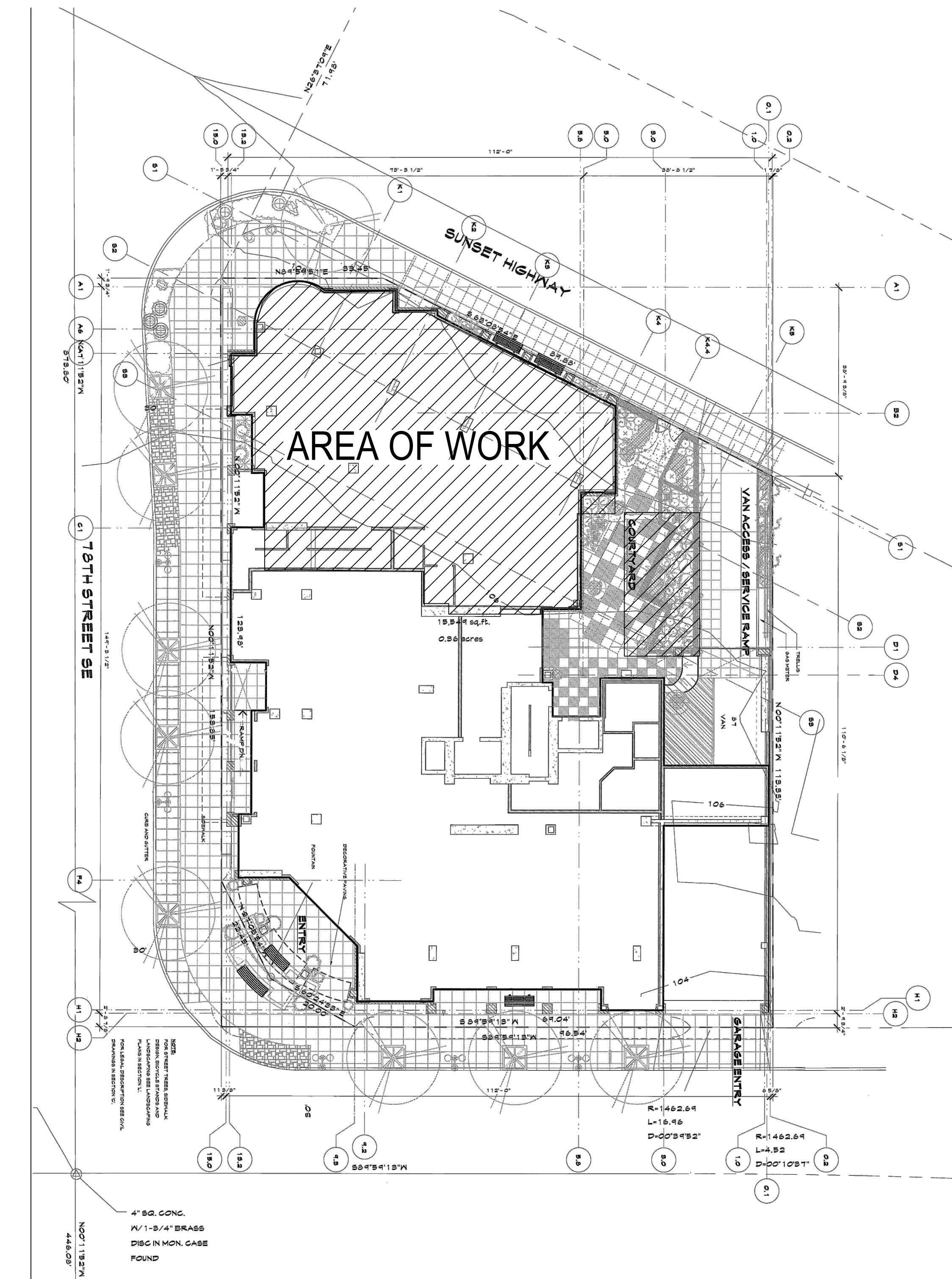


Amadi Aesthetics Plastic Surgery

7800 Plaza - SUITE CU100



SITE PLAN

SCALE: NTS

Author: ERMA BOGLE
 Date/Time: 6/15/2023 4:37 PM
 File Name: JPC 230228
 XRef:

WORK UNDER SEPARATE PERMITS:

- FIRE ALARM SYSTEM
- FIRE SPRINKLER SYSTEM

- DOCUMENTS FOR WORK UNDER SEPARATE PERMITS OR DEFERRED SUBMITTALS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN CHARGE (ARCHITECT/ENGINEER OF RECORD) FOR REVIEW PRIOR TO SUBMITTAL TO THE BUILDING OFFICIAL.
- NO WORK SHALL PROCEED UNTIL THE DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL AND PERMIT OBTAINED.

SEE SHEET I-0.1 FOR DRAWING SHEET INDEX

PROJECT DESCRIPTION:

3,497 SF TENANT IMPROVEMENT OF EXISTING SUITE CU100 ON THE GROUND FLOOR TO INCLUDE CLINIC AND AMBULATORY SURGICAL FACILITY WITH ONE CLASS 'C' AND ONE CLASS 'B' OPERATING ROOMS AND SUPPORT AREAS, MODIFICATIONS TO EXTERIOR STOREFRONT FOR NEW EXIT DOOR AND NEW MECHANICAL ROOM LOCATED ON P1. EXTERIOR MODIFICATIONS INCLUDE NEW 17 SF MED GAS CLOSET AND NEW EMERGENCY GENERATOR.

NEW AMBULATORY SURGICAL FACILITY (ASF)
 LICENSED UNDER WAS (246-330)
 NON-CMS
 CATEGORY 1 MEDICAL GAS & ELECTRICAL SYSTEMS

CODE INFORMATION:

PROJECT ADDRESS:	APPLICABLE BUILDING CODES:
7800 PLAZA CONDOMINIUM 7800 SE 27TH AVENUE SUITE NUMBER: CU100 MERCER ISLAND, WA 98040	BUILDING CODE 2018 INTERNATIONAL BUILDING CODE (IBC), WAC 51-50 EXISTING BUILDING CODE 2018 INTERNATIONAL EXISTING BUILDING CODE (IEBC) CONSTRUCTION TYPE: 301.3.2 WORK AREA COMPLIANCE METHOD FULLY SPRINKLERED
CONSTRUCTION TYPE: CONST-III-A FULLY SPRINKLERED	FIRE CODE 2018 INTERNATIONAL FIRE CODE (IFC), WAC 51-54A, INCLUDING APPENDIX B & C
ZONE: TC	ENERGY CODE 2018 WASHINGTON STATE ENERGY CODE (WSEC), WAC 51-11
OCCUPANCY: CLASS B	MECHANICAL CODE 2018 INTERNATIONAL MECHANICAL CODE (IMC), WAC 51-52 ELECTRICAL CODE 2020 NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), 2020 WASHINGTON CITIES ELECTRICAL CODE WITH APPLICABLE RCW 19.28 & WAC 296-46B
TENANT SQUARE FOOTAGE: (AREA OF WORK) 3,496 SF	PLUMBING CODE 2018 UNIFORM PLUMBING CODE (UPC), WAC 51-56 & 51-57 INCL. APPENDICES A, B, AND L ZONING CODE CITY OF MERCER ISLAND ACCESSIBILITY CODE ICC/ANSI A117.1-2009 ACCESSIBLE AND USABLE BUILDING AND FACILITIES ASF GUIDELINES 2006 FGI GUIDELINES FOR DESIGN & CONSTRUCTION OF HEALTHCARE FACILITIES 3.1-OUTPATIENT FACILITIES, 3.7-OUTPATIENT SURGICAL FACILITIES, AND 3.8-OFFICE SURGICAL FACILITIES

PARKING REQUIREMENTS:

PER CITY OF MERCER ISLAND MUNICIPAL CODE 19.11.130 (ORD. 16C-06 (EXH. A), HEALTHCARE, OFFICE USES SHALL PROVIDE 4-5 PARKING SPACES PER 1000 GROSS SQUARE FEET.

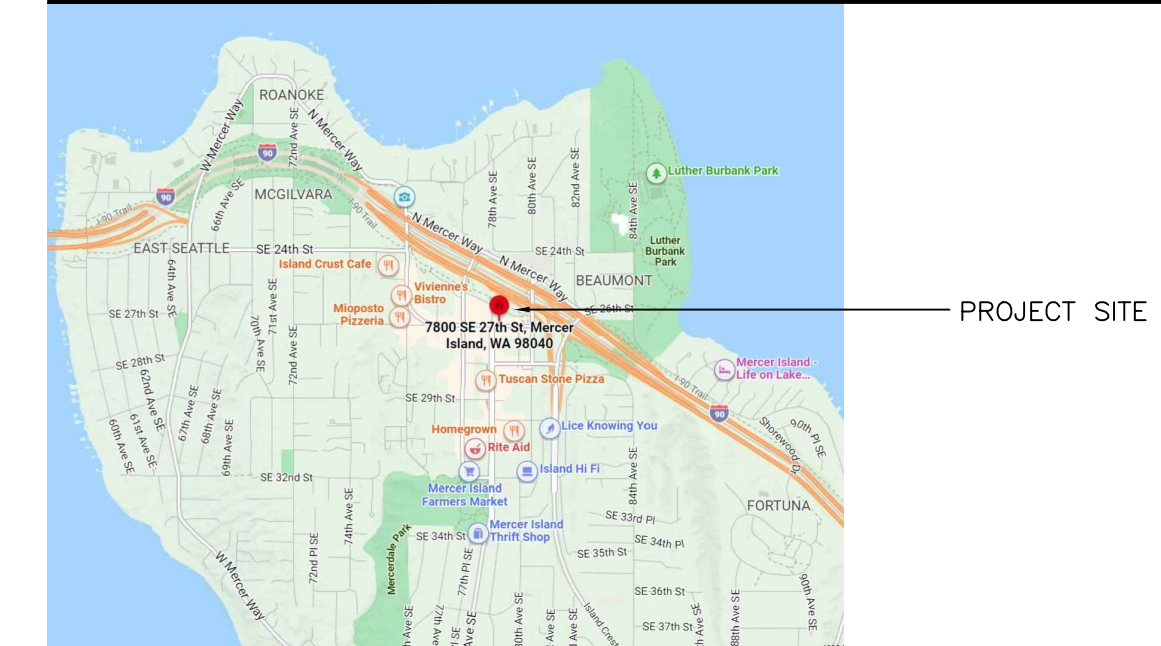
- SPRINKLERS COMPLYING WITH NFPA 13 AND FIRE ALARM SYSTEM ARE REQUIRED FOR THIS WORK PURSUANT TO IBC.

LEGAL DESCRIPTION:

TAX PARCEL #: 76984-40000

THE WEST 113.50 FEET, IN WIDTH, OF LOT 1, AND THE WEST 113.50 FEET IN WIDTH OF THAT PORTION OF LOT 2, BLOCK 1, MCGILVRA'S ISLAND ADDITION, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 16 OF PLATS, PAGE 58, IN KING COUNTY, WASHINGTON, LYING NORTHERLY OF THE NORTH MARGIN OF NORTH MERCER WAY, AS ESTABLISHED BY DEED RECORDED UNDER RECORDING NUMBER 2561652;

VICINITY MAP:



JPC ARCHITECTS

909 112th Avenue NE Suite 206
Bellevue, WA 98004

Amadi Aesthetics
 Plastic Surgery
 Floor 1
 7800 SE 27th Street
 Mercer Island, WA 98040

DESIGN JPC
 DRAWN ED/RB
 CHECKED CB
 NO. 22-0394



06.15.23 PERMIT SET

JURISDICTION STAMP

PROJECT TEAM:

ASF CONSULTANT

SURGERY CENTER SERVICES
 2942 N. GREENFIELD RD. #105
 MESA, AZ 85215
 480-354-5046

PHILIP BLAIR
 Philip@surgeycenterservices.com
 Matt Krause
 Mkrause@surgeycenterservices.com

SPRINKLER DESIGN

COSCO FIRE PROTECTION
 4308 SOUTH 131ST PLACE
 TUKWILA, WA 98168
 206-438-3360

www.coscofire.com

FIRE ALARM

COSCO FIRE PROTECTION
 4308 SOUTH 131ST PLACE
 TUKWILA, WA 98168
 206-438-3360

www.coscofire.com

PLUMBING - MED GAS:

ROBINSON ENGINEERING INC.
 19401 40TH AVENUE W, SUITE 302
 LYNNWOOD, WA 98036
 (206) 364-3343 X131

REED JACKSON P.E.
 WWW.ROBINSONENGINEERING.com

HVAC CONSULTANT

AIR SYSTEMS ENGINEERING INC.
 3602 S. PINE ST.
 TACOMA, WA 98409
 253-572-9484

NICK ROLLINS
 nickr@asei.ws

TENANT:

DR. AJ AMADI, MD FACS
 1503 2ND AVENUE W.
 SEATTLE, WA 98119
 206-216-4500

STRUCTURAL ENGINEER:

KPFF
 1601 FIFTH AVENUE
 SUITE 1600
 SEATTLE, WA 98101
 (206) 622-5822

GUS SHRYACK
 gus.shryack@kpff.com

LANDSCAPE DESIGN:

DESIGN TWO FOUR/TWO SIX
 14835 161ST COURT SE
 RENTON, WA 98059
 (425) 641-9200

JASON ANDERSON
 jasona@design2426.com

ARCHITECT:

JPC ARCHITECTS, LLC
 909 112TH AVE NE
 SUITE 206
 BELLEVUE, WA 98004
 (425) 641-9200

ERIKA DEHLE - EXT. 315
 erikad@jpcarchitects.com
 CHRISTINE BENDA - EXT. 308
 christineb@jpcarchitects.com

GENERAL CONTRACTOR:

HIGHMARK GENERAL CONTRACTORS, INC.
 5122 OLYMPIC DRIVE
 SUITE 102
 GIG HARBOR, WA 98335

LIC. NO. HIGHMGC8370F
 Danny Belcher
 danny.belcher@highmark-gc.com
 Jim Newman
 jim.newman@highmark-gc.com

ELECTRICAL DESIGN:

CROSS ENGINEERING INC.
 923 MARTIN LUTHER KING JR. WAY
 TACOMA, WA 98405
 (253) 759-0118

SCOTT KELLEY
 ScottL@crossengineers.com

COVERSHEET &
 SITE PLAN

I-0.0

1 INCH

Author: ERMA BOGLE
Date/Time: 7/7/2023 4:08 PM
Dwg: L:\2023\23-03MA\DWG\WP\MASTER\1-01_DRAWING_SHEET_INDEX.DWG
PLOT: JPC 300.DWG

ARCH DRAWING INDEX

Sheet Number	Sheet Title
I-0.0	COVERSHEET & SITE PLAN
I-0.1	DRAWING SHEET INDEX
I-0.2	GENERAL NOTES & SYMBOLS, LICENSE PLAN & RESTRICTION PLAN
I-0.3	GENERAL REQUIREMENTS & NOTES
I-CS-0	CODE SUMMARY
I-CS-1	EXIT PLAN
I-01.0	DEMOLITION NOTES AND LEGEND
I-01.1	DEMOLITION PLAN
I-02.0	DIMENSION PLAN NOTES AND LEGEND
I-02.1	DIMENSION PLAN
I-03.0	FLOOR PLAN NOTES AND LEGEND
I-03.1	FLOOR PLAN
I-03.2	FLOOR PLAN VAC. RM. AND COURTYARD
I-04.0	RCP LIGHTING NOTES AND LEGEND
I-04.1	REFLECTED CEILING PLAN
I-05.0	POWER, PLUMBING AND EQUIPMENT NOTES AND LEGEND
I-05.1	POWER, PLUMBING AND EQUIPMENT PLAN
I-08.1	INTERIOR ELEVATIONS
I-09.1	CONSTRUCTION DETAILS
I-09.2	CEILING DETAILS
I-09.3	CASEWORK DETAILS
I-09.4	UL LISTING WALL TYPES
I-09.5	FIRESTOPPING DETAILS
I-10.0	DOOR SCHEDULE
I-10.1	DOOR ELEVATIONS & DETAILS

STRUCTURAL DRAWING INDEX:

Sheet Number	Sheet Title
S-01.1	STRUCTURAL NOTES AND DRAWING LIST
S-01.2	STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS
S-03.1	FRAMING PLAN
S-04.1	DETAILS
PG.1-28	STRUCTURAL CALCULATIONS

LANDSCAPE DRAWING INDEX:

Sheet Number	Sheet Title
L1.0	DEMOLITION PLAN/LAYOUT PLAN
L1.1	PLANTING PLAN
L1.2	DETAILS

MECHANICAL DRAWING INDEX:

Sheet Number	Sheet Title
NO.	TITLE
M-1	COVERSHEET
M-2	PARTIAL PLAN FIRST FLOOR TENANT IMPROVEMENT
M-3	PARTIAL PLAN EXISTING GARAGE AND CALCULATIONS

ELECTRICAL DRAWING INDEX:

Sheet Number	Sheet Title
E1.0	ELECTRICAL SYMBOLS LEGEND
E1.1	LIGHT FIXTURE SCHEDULE
E2.0	LIGHTING FLOOR PLAN
E3.0	POWER/SIGNAL FLOOR PLAN
E3.1	PARTIAL ELECTRICAL FLOOR PLANS
E4.0	EXISTING/NEW POWER RISER DIAGRAM
PG. 1-3	LIGHTING COMPLIANCE FORMS

PLUMBING DRAWING INDEX:

Sheet Number	Sheet Title
P000	GENERAL NOTES, DRAWING INDEX
P001	SCHEDULES
P20G1	LEVEL G1 PLAN
P201	LEVEL 1 PLAN
P202	LEVEL 2 PLAN
P203	LEVEL 3 PLAN
P204	LEVEL 4 PLAN
P205	LEVEL 5 PLAN
P206	ROOF PLAN
P300	ENLARGED COURTYARD PLAN
P400	LEVEL G1 SUPPLY PLAN
P401	LEVEL 1 SUPPLY PLAN
P402	SUPPLY PIPING DIAGRAM
P500	LEVEL G1 DWV PLAN
P501	LEVEL 1 DWV PLAN
P502	DWV PIPING DIAGRAM
P600	LEVEL G1 MEDGAS PLAN
P601	LEVEL 1 MEDGAS PLAN
P602	MEDGAS PIPING DIAGRAMS

JPC ARCHITECTS

909 112th Avenue NE Suite 206
Bellevue, WA 98004

Amadi Aesthetics

Plastic Surgery
Floor 1
7800 SE 27th Street
Mercer Island, WA 98040

DESIGN	JPC
DRAWN	ED/RB
CHECKED	CB
NO.	22-0394



06.15.23	PERMIT SET

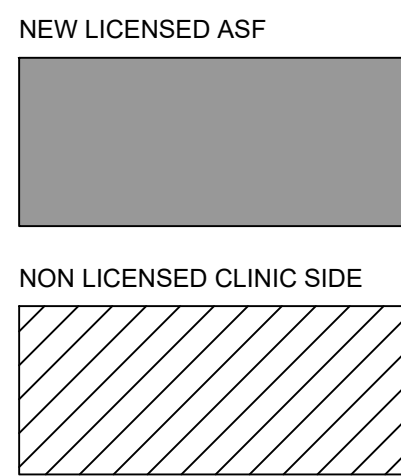
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DRAWING SHEET INDEX

I-0.1

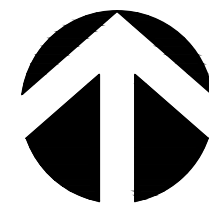
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HATCH LEGEND:

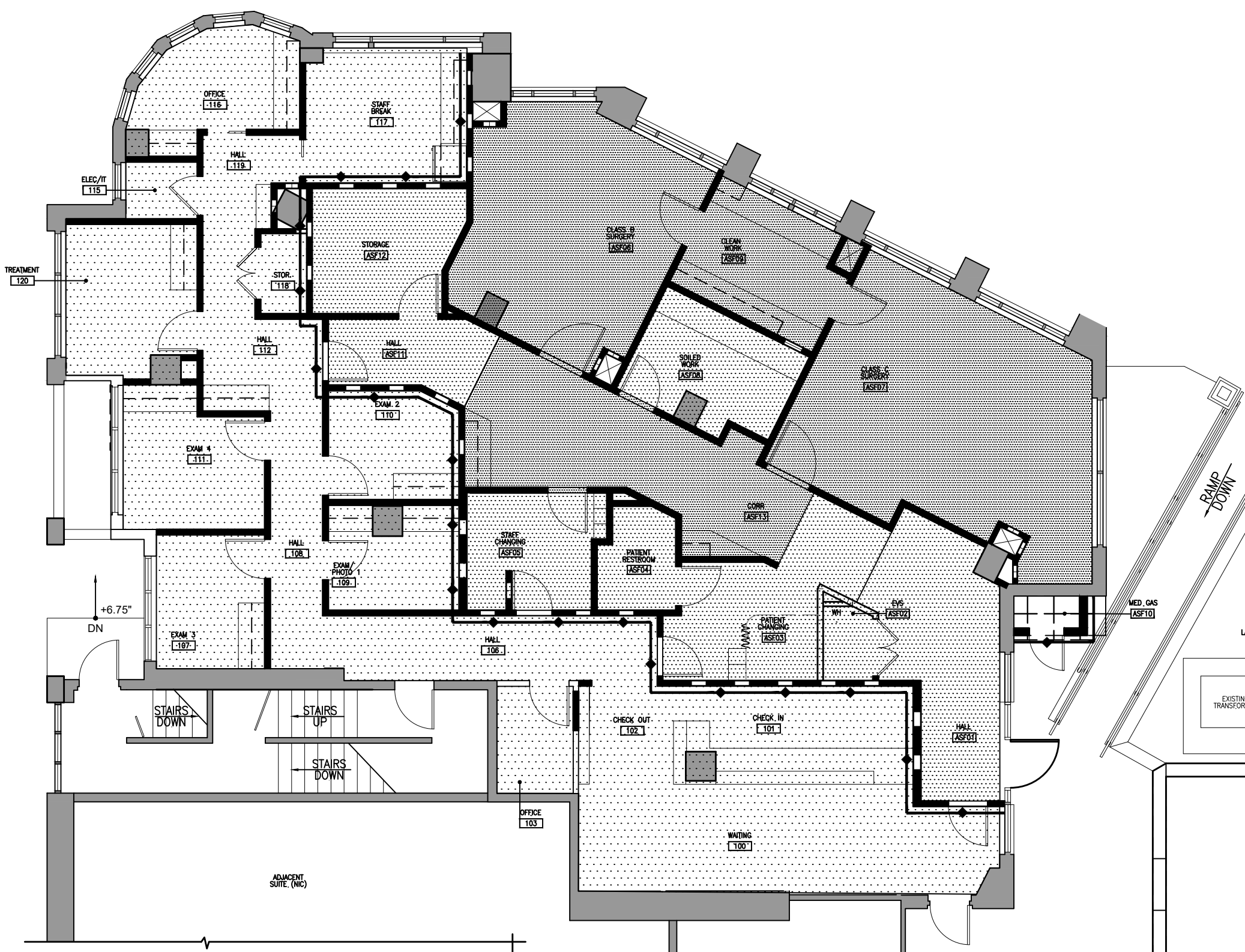
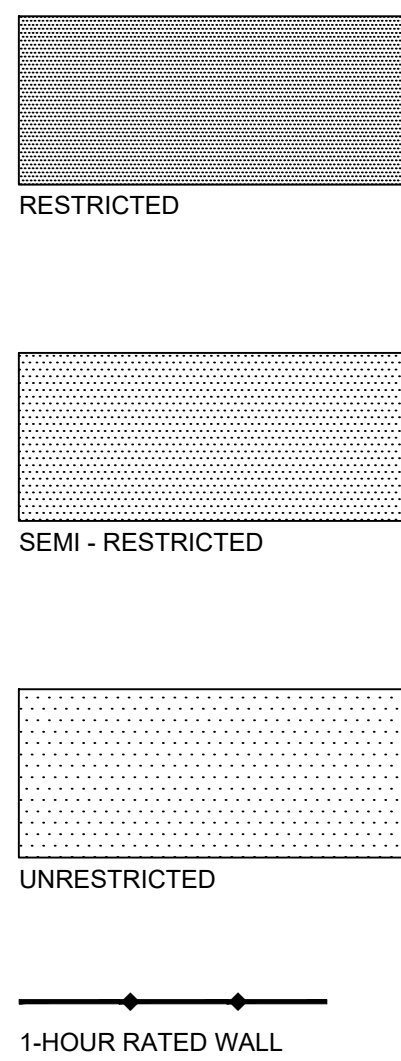


LICENSE ZONE KEY PLAN

SCALE: NTS

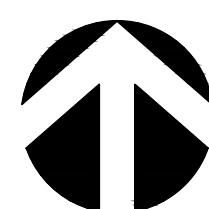


HATCH LEGEND:



RESTRICTION PLAN

SCALE: NTS



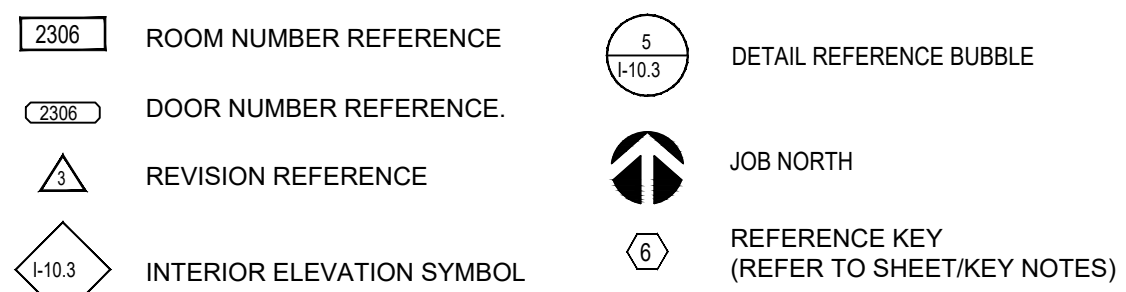
ABBREVIATIONS:

Table of abbreviations for architectural symbols, including AC (Air Conditioning), AFF (Above Finish Floor), ALT (Authorities Having Jurisdiction), and others.

GENERAL NOTES:

- 1. REFER TO BASIC BUILDING SPECIFICATIONS, REQUIREMENTS AND STANDARDS FOR EXISTING SHELL AND CORE CONSTRUCTION. ALL WORK IS TO BE COMPATIBLE WITH EXISTING CONSTRUCTION.
2. ALL WORK SHALL CONFORM TO APPLICABLE CURRENT FEDERAL, STATE AND LOCAL CODES. THE CONTRACTOR IS TO PROVIDE FOR ALL REQUIRED NOTIFICATION OF AND COORDINATION WITH CITY AND STATE AGENCIES...
3. THE INTENT OF THE CONTRACT DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS, EQUIPMENT AND TRANSPORTATION NECESSARY OR REASONABLY INFERRABLE AS BEING NECESSARY FOR THE EXECUTION OF THE WORK...
4. THE CONTRACTOR SHALL COORDINATE ALL OPERATIONS WITH THE OWNER, INCLUDING AREA FOR WORK, MATERIALS STORAGE, AND ACCESS TO AND FROM THE WORK, SPECIAL CONDITIONS OR NOISY WORK, TIMING OF WORK AND INTERRUPTION OF MECHANICAL AND ELECTRICAL SERVICES...
5. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST STANDARD OF WORKMANSHIP IN GENERAL AND WITH SUCH STANDARDS AS ARE SPECIFIED.
6. CONTRACTOR SHALL ADHERE TO ALL BUILDING STANDARDS. ANY CHANGES TO SAME SHALL BE SUBMITTED TO ARCHITECT IN WRITING FOR APPROVAL.
7. CONTRACTOR SHALL SUBMIT SAMPLES OF ALL FINISHES OF SUCH SIZE AND NUMBER THAT THEY REPRESENT A REASONABLE DISTRIBUTION OF COLOR RANGES AND PATTERN PRIOR TO INSTALLATION FOR ARCHITECT'S APPROVAL...
8. CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR IS NOT TO SCALE OFF DRAWINGS.
9. CONTRACTOR SHALL PROVIDE 18-GAUGE SHEET METAL BACKING IN PARTITIONS FOR ALL WALL-MOUNTED FIXTURES AND DEVICES UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
10. ALL FLOORS SHOULD BE LEVEL AND NOT VARY MORE THAN 1/4" IN 10'-0". THE CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONDITIONS THAT DO NOT MEET THIS STANDARD.
11. ALL MATERIALS INDICATED TO MATCH EXISTING SHALL DO SO WITH RESPECT TO SIZE, SHAPE, COLOR, TEXTURE, PATTERN, QUALITY AND METHOD OF INSTALLATION INsofar as PRACTICABLE AND SHALL BE APPROVED BY THE ARCHITECT BEFORE USE.
12. ALL FIREPROOFING DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO MATCH ORIGINAL FIRE PROTECTION LEVELS. (OBTAIN REQUIRED APPROVALS AND TESTING).
13. THE FLOORS MAY BE OCCUPIED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL PERSONNEL, PASSERSBY OR VISITORS TO THE SITE FROM HARM AND INJURY. BARRIERS SHALL BE INSTALLED AS REQUIRED TO PROTECT EQUIPMENT INSTALLED DURING CONSTRUCTION. CAREFULLY MAINTAIN AND PROTECT MONUMENTS, BENCH MARKS AND THEIR REFERENCE POINT FROM BEING DESTROYED OR DISTURBED. REPLACE AS REQUIRED.
14. EXISTING WORK DAMAGED AS A RESULT OF WORK DONE UNDER THIS CONTRACT SHALL BE REPAIRED TO ORIGINAL CONDITION AND FINISHED TO MATCH ADJACENT FINISHES. SUBJECT TO ARCHITECT'S APPROVAL AND AT NO ADDITIONAL COST TO OWNER. ALL REPLACEMENT MATERIALS REQUIRED TO MATCH EXISTING MATERIALS SHALL DO SO WITH RESPECT TO TYPE, PATTERN, TEXTURE, SIZE, SHAPE, COLOR AND METHOD OF INSTALLATION INsofar as PRACTICABLE AND SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO INSTALLATION.
15. ALL EXISTING MECHANICAL AND ELECTRICAL EQUIPMENT AND SERVICES DISRUPTED OR REMOVED DURING CONSTRUCTION SHALL BE RESTORED AND REPLACED UNLESS NOTED OTHERWISE. FIRE/LIFE SAFETY SYSTEMS TO BE MAINTAINED DURING CONSTRUCTION.
16. INSTALLATION OF MECHANICAL, ELECTRICAL AND STRUCTURAL SYSTEMS WILL REQUIRE OPENING OF SOME EXISTING WALLS, CEILINGS OR FLOOR CAVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OF THESE OPENINGS TO MATCH EXISTING, EXCEPT WHERE NOTED OTHERWISE. FILL ALL HOLES AND VOIDS IN FLOORS, WALLS AND CEILINGS WHICH RESULT FROM INSTALLATION OF WORK, AND REMOVAL OF EXISTING MATERIALS AND EQUIPMENT REQUIRED BY THIS CONTRACT. PATCHED AREAS SHALL MATCH THE MATERIALS, FINISHES, AND LEVELS ADJACENT. OR SHALL BE PUT IN THE PROPER CONDITION TO RECEIVE THE FINISH INDICATED.
17. OPENINGS REQUIRED FOR NEW WORK THAT PENETRATES EXISTING STRUCTURE SHALL BE COORDINATED WITH OWNER PRIOR TO COMMENCING THE WORK. ANY OPENING OVER 2" IN DIAMETER SHALL BE REVIEWED AND APPROVED BY OWNER. THROUGH CONCRETE SLABS OR WALLS, OR MASONRY WALLS, ALL ROUND HOLES SHALL BE CORE DRILLED WITH A DIAMOND DRILL AND ALL RECTANGULAR OPENINGS SHALL BE CUT WITH A DIAMOND SAW. IN NO CASE SHALL ANY STRUCTURAL MEMBER BE CUT. USE CARBIDE-TIPPED DRILLS FOR GYPSUM WALLBOARD PARTITIONS. KEEP OVERCUTTING TO A MINIMUM. MAINTAIN CONTINUITY AND INTEGRITY OF FIRE SEPARATION AT ALL TIMES. GROUT AROUND CONDUITS PASSING THROUGH CONCRETE WALLS AND FLOORS AND MASONRY WALLS. MAKE PATCHES WITH NEAT, TRIMMED EDGES, MATCH ADJACENT EXISTING WORK.
18. CONTRACTOR SHALL PROVIDE FLOOR LEVELING AS MAY BE REQUIRED AT SLIDING DOORS, RELITES WITHOUT BASE, CABINET WORK, AND OTHER LOCATIONS REQUIRING LEVEL SUBSTRATE. FEATHER CHANGES IN ELEVATION OVER SUFFICIENT AREA TO LIMIT TRANSITION SLOPE TO 1/8" PER FOOT.
19. MATERIALS, ARTICLES, DEVICES AND PRODUCTS ARE SPECIFIED IN THE DOCUMENTS BY LISTING ACCEPTABLE MANUFACTURERS OR PRODUCTS, BY REQUIRING COMPLIANCE WITH REFERENCED STANDARDS, OR BY PERFORMANCE SPECIFICATIONS. FOR ITEMS SPECIFIED BY NAME, SELECT ANY PRODUCT NAMED. FOR THOSE SPECIFIED BY REFERENCE STANDARDS OR BY PERFORMANCE SPECIFICATIONS SELECT ANY PRODUCT MEETING OR EXCEEDING SPECIFIED CRITERIA. FOR APPROVAL OF AN ITEM NOT SPECIFIED, SUBMIT REQUIRED SUBMITTALS, PROVIDING COMPLETE BACK-UP INFORMATION FOR PURPOSES OF EVALUATION. WHERE BUILDING STANDARD ITEMS ARE CALLED FOR, NO SUBSTITUTE WILL BE ACCEPTED.
20. CONTRACTOR SHALL PROVIDE FOR ALL WORK REQUIRED TO MAINTAIN COMPLIANCE WITH LOCAL FIRE CODE. PROVIDE FOR ALL REQUIRED SHOP DRAWINGS AND APPROVALS. CONTRACTOR IS RESPONSIBLE FOR PROVIDING FIRE ALARM SYSTEM AUDIBILITY.
21. MECHANICAL AND ELECTRICAL FIXTURES, OUTLETS, ETC., WHEN SHOWN ON THE ARCHITECTURAL DRAWINGS, ARE FOR LOCATION INFORMATION ONLY. MECHANICAL AND ELECTRICAL TO BE DESIGNED BY OTHERS. ALL CIRCUITING COORDINATION TO BE BY OTHERS.
22. CONTRACTOR IS TO PROVIDE DRAWINGS FOR ARCHITECT'S APPROVAL SHOWING LOCATIONS OF ALL HVAC THERMOSTATS, GRILLES AND DIFFUSERS, FIRE AND SMOKE DETECTION DEVICES INCLUDING SPRINKLERS, SMOKE DETECTORS, FIRE EXTINGUISHERS AND HOSE CABINETS, PLUMBING AND PLUMBING EQUIPMENT.
23. ANY CHANGE IN LIGHT FIXTURE PLACEMENT DUE TO INTERFERENCE OF MECHANICAL OR STRUCTURAL COMPONENTS MUST BE APPROVED BY THE ARCHITECT.
24. ALL PERMITS INCLUDING FIRE, MECHANICAL, AND ELECTRICAL TO BE FILED SEPARATELY.
25. ALL GYPSUM BOARD PARTITIONS SHALL BE TAPED, SPACKLED AND SANDED SMOOTH WITH NO VISIBLE JOINTS TO A LEVEL 4 FINISH UNLESS OTHERWISE NOTED. PATCH AND REPAIR SURFACES TO MATCH ADJACENT OR ADJOINING SURFACES WHERE REQUIRED. ALL SURFACES SHALL BE ALIGNED.
26. MODIFY EXISTING SUBSTRATE AS REQUIRED TO RECEIVE NEW FLOORING MATERIALS, THIS PREVENTING NOTICEABLE LUMPS OR DEPRESSIONS.
27. ALL WORK SHALL BE ERRECTED AND INSTALLED PLUMB, LEVEL, SQUARE AND TRUE.
28. REFER TO MILLWORK SHOP DRAWINGS FOR SPECIFIC DETAILS OF COORDINATION BETWEEN DRYWALL/MILLWORK CONDITIONS.
29. ALL MILLWORK TO BE FASTENED TO THE PARTITION. PROVIDE NON-COMBUSTIBLE BLOCKING FOR ALL MILLWORK NOT SUPPORTED BY FLOOR OR ABOVE 4'-0" HT. ALL CONCEALED LUMBER & BLOCKING TO BE FIRE TREATED.
30. ALL GLASS SHALL BE CLEAR TEMPERED GLASS, UNLESS OTHERWISE NOTED. GLAZING TONG MARKS SHALL NOT BE VISIBLE. CLEAN AND POLISH ALL GLASS PRIOR TO PROJECT DELIVERY.
31. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR: HVAC, CARPET SEAMING, LIGHTING, CASEWORK.
32. MOISTURE TEST - REQUIRED FOR ALL ON GRADE SLAB CONDITIONS DURING THE CONSTRUCTION ESTIMATING/BUDGETING PROCESS THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FROM THE BUILDING OWNER DOCUMENTATION AS TO THE VAPOR EMISSIONS RATE (MOISTURE TEST) FOR ALL "ON GRADE SLAB CONDITIONS". THIS INFORMATION SHOULD THEN BE IMMEDIATELY SHARED BETWEEN THE ARCHITECT, THE ARCHITECT'S SELECTED FLOORING REPRESENTATIVE(S), AND FLOORING SUB-CONTRACTOR FOR REVIEW AND APPROVAL OF APPLICABLE MATERIALS AND ANCILLARY INSTALLATION/FINISH PRODUCTS. IF NO MOISTURE TEST CAN BE FURNISHED OR IF FINDING ARE IN QUESTION THE GENERAL CONTRACTOR SHALL PERFORM THE FOLLOWING TESTS:
A. PROVIDE (3) CALCIUM CHLORIDE MOISTURE TESTS FOR THE FIRST THOUSAND SQUARE FEET AND (1) TEST FOR EVERY ONE THOUSAND SQUARE FEET THEREAFTER AT ALL FLOORS WITHIN SCOPE OF WORK. THE CALCIUM CHLORIDE TEST SHALL BE CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF ASTM F 1869 'STANDARD TEST METHOD' FOR MEASURING VAPOR EMISSIONS RATE OF CONCRETE SUN-FLOOR USING ANHYDROUS CALCIUM CHLORIDE. PROVIDE A WRITTEN REPORT OF FINDINGS TO THE ARCHITECT AS NOTED ABOVE.
B. PROVIDE A PH PENCIL TEST AT ALL FLOORS WITHIN SCOPE OF WORK. PROVIDE A WRITTEN REPORT OF FINDINGS TO THE ARCHITECT AS NOTED ABOVE.
IF REQUIRED BY THE CALCIUM CHLORIDE TEST, A WATERPROOF MEMBRANE SHALL BE APPLIED TO ALL FLOORS WITHIN THE SCOPE OF WORK. THE WATERPROOF MEMBRANE(S) SHALL BE APPROPRIATED FOR EACH FINISH FLOORING APPLICATION AS SPECIFIED BY THE SPECIFIC FLOORING MANUFACTURER VIA THE ARCHITECT. A LICENSED INSTALLER SHALL BE UTILIZED FOR INSTALLATION/APPLICATION OF EACH SPECIFIC MEMBRANE (AS APPLICABLE TO THE FINISH FLOORING PRODUCT) AND A WRITTEN WARRANTY SHALL BE PROVIDED DOCUMENTING STRICT CONFORMANCE TO THE SPECIFIED MANUFACTURER'S INSTALLATION REQUIREMENTS TO ENSURE AND UPHOLD ALL PERFORMANCE AND LIFE CYCLE GUARANTEES.
33. CONCRETE SLAB ON GRADE REPAIR - MINOR SCOPE (100 SQUARE FEET OR LESS)
WHERE CONCRETE SLAB ON GRADE INFILL AND TRENCHING MUST OCCUR, CONDUCT THE APPROPRIATE UNDER SLAB INVESTIGATION (VIA SONO-GRAPH AND/OR X-RAY) TO LOCATE EXISTING UTILITIES OR OTHER OBSTRUCTIONS THAT SHOULD NOT BE DAMAGED. SAW CUT SLAB AT SUBJECT AREA(S) AND PULL BACK THE EXISTING VAPOR BARRIER (IF PRESENT) AND PROTECT FOR FUTURE RE-INSTALLATION. EXECUTE THE NECESSARY UNDER SLAB WORK (INCLUDING EXCAVATION), BACKFILL AND RE-COMPACT THE SUBJECT AREA WITH THE PREVIOUSLY HELD MATERIALS (IF THE EXCAVATED MATERIALS ARE NOT SUITABLE FOR RE-INSTALLATION, DISCARD AND PROVIDE NEW FREE DRAINING GRANULAR MATERIAL). RE-COMPACT FILL SOIL TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY (MDD) OBTAINED IN GENERAL ACCORDANCE WITH THE ASTM D 1557 TEST PROCEDURE. RE-INSTALL THE EXISTING VAPOR BARRIER AND BIND SEAMS WITH MINIMUM 3" WIDE PRESSURE SENSITIVE TAPE TO ENSURE AN AIR/MOISTURE RESISTANT BOND. ATTACH NEW INFILL TO EXISTING CONCRETE SLAB WITH 18 INCH LONG #4 REBAR AT 24 INCHES ON CENTER EMBEDDED 8 INCHES INTO THE EXISTING CONCRETE SLAB WITH HILTI HIT-HY-200 ADHESIVE (OR SIMPSON SET ADHESIVE). REINFORCEMENT SHALL BE INSTALLED PER ADHESIVE MANUFACTURER'S RECOMMENDATIONS. PROVIDE W2 X W2 X 6 X 6 WELDED WIRE FABRIC WITHIN SUBJECT AREA(S), INFILL SLAB TO MATCH THICKNESS OF ADJACENT SURFACE(S) (BUT NOT BE LESS THAN FOUR INCHES THICK) AND #4 DOWELS SHALL BE CENTERED IN SLAB. THE CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI WITH A MAXIMUM WATER CEMENT RATION OF 0.58 AND IS TO BE PLACED LEVEL WITH ADJACENT SURFACES. LET CURE AND PROVIDE MOISTURE TESTING AS SPECIFIED ABOVE.
IF SCOPE OF WORK INCLUDES STRUCTURAL ELEVATED SLABS CONSULT A STRUCTURAL ENGINEER. REFER TO STRUCTURAL PLANS, IF APPLICABLE, FOR ADDITIONAL SPECIFICATIONS AND REQUIREMENTS.
34. CLEAN, REPAIR ANY EXISTING PERIMETER WINDOW COVERINGS AS REQUIRED TO BE IN A FULLY FUNCTIONING & OPERATIONAL MANNER.
35. COORDINATE WITH SUB-CONTRACTORS THE LOCATIONS OF ELECTRICAL AND VOICE/DATA OUTLETS, PLUMBING AND OTHER DEVICES WITH LAYOUT AND DESIGN OF CUSTOM CASEWORK.
36. CASEWORK SHALL CONFORM TO A.I.I. CURRENT STANDARDS.
37. EGRESS LIGHTING SHALL BE DESIGNED BY A LICENSED ELECTRICAL ENGINEER BASED ON FINAL FLOOR PLAN(S) AND THE MOST CURRENT (IN FORCE) ISSUE OF THE IBC, IEC AND LOCAL CODES/ORDINANCES. THE ENGINEER MAY USE THE ARCHITECT'S EGRESS MAPS (COMMON PATH OF TRAVEL/EXIT TRAVEL DISTANCE) AS STARTING POINT FOR A BASIS OF DESIGN. HOWEVER, IT SHALL REMAIN THE SOLE RESPONSIBILITY OF THE ENGINEER TO COMPLETE A SCOPE OF WORK THAT ADDRESSES ALL EGRESS LIGHTING I.E., ROOMS, SPECIALIZED SPACES, PATHWAYS, ETC. PER THE AFOREMENTIONED CODES. FINAL EGRESS LIGHTING QUANTITIES AND LOCATIONS SHALL BE DETERMINED BY BUILDING AND FIRE INSPECTOR'S FIELD PLACEMENT DETERMINATION.
38. ALL WALL AND CEILING PENETRATIONS NEED TO BE CAULKED FOR A TIGHT SEAL PER FGI GUIDELINES.

SYMBOL LEGEND:



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Plastic Surgery
Floor 1
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Mercer Island, WA 98040

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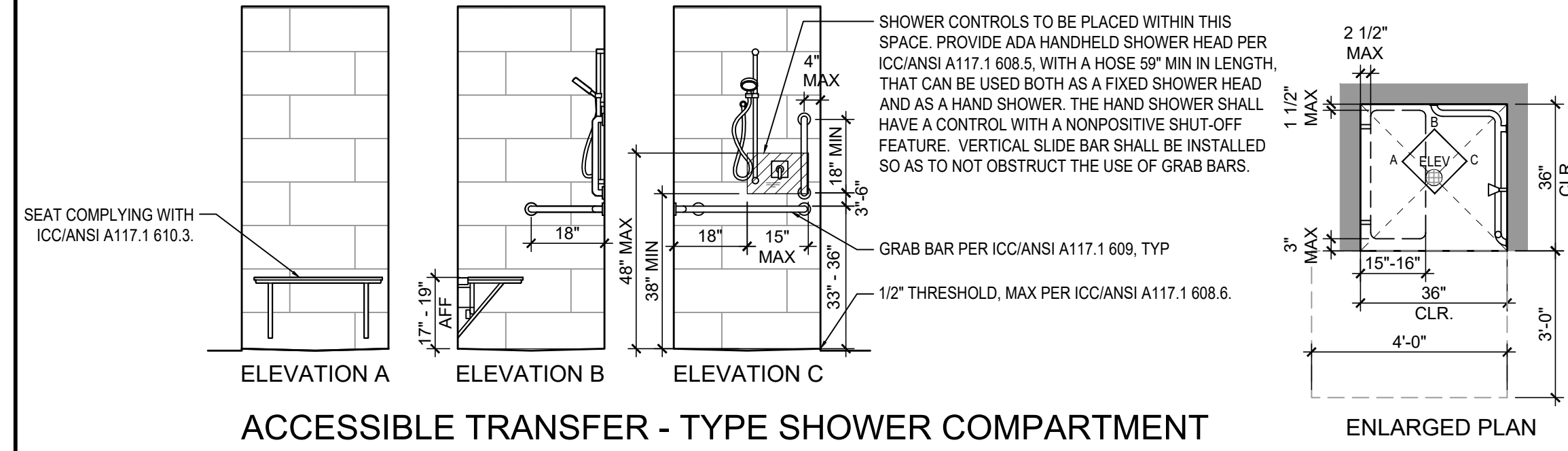
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GENERAL NOTE & SYMBOLS, LICENSE PLAN & RESTRICTION PLAN

I-0.2

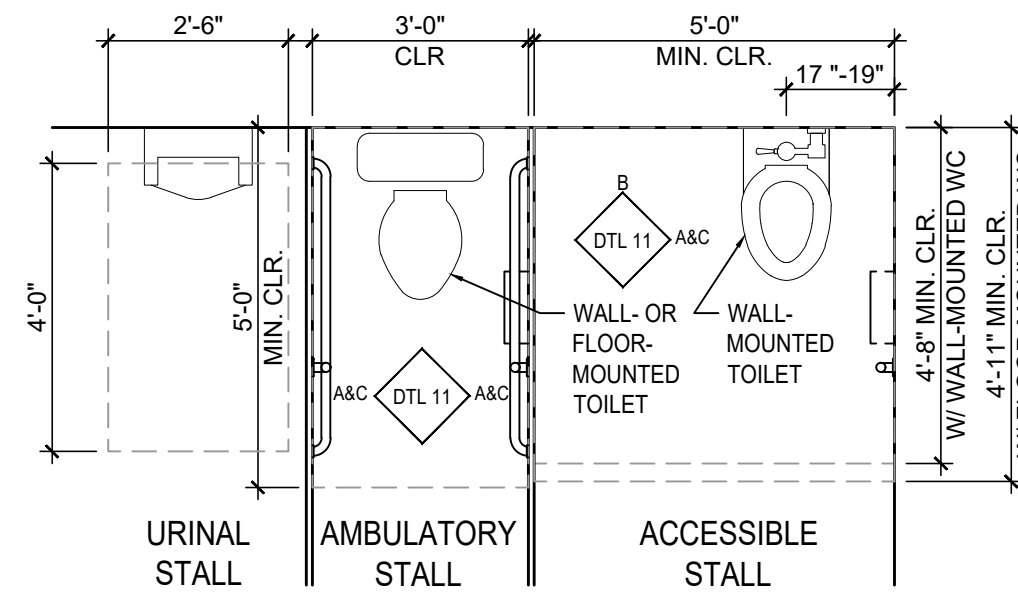
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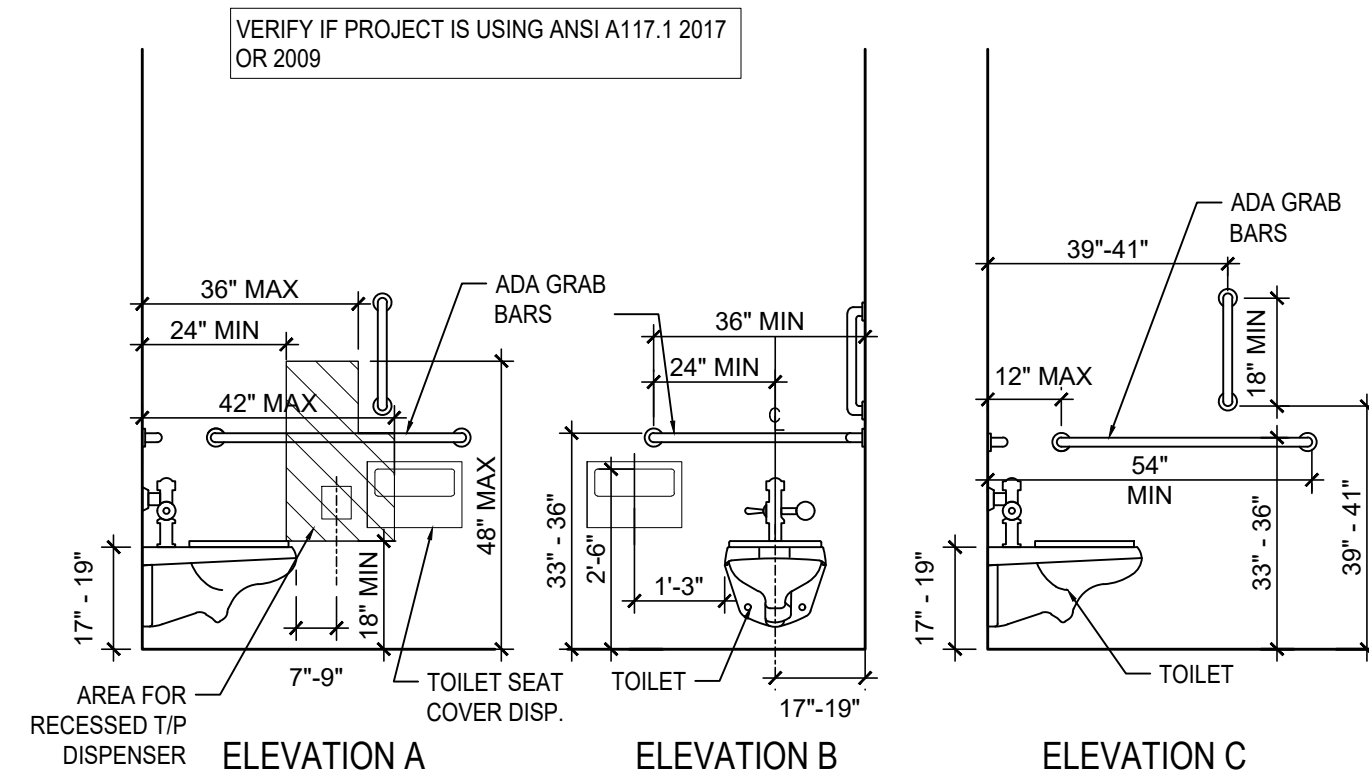
1 TYPICAL SHOWER PLAN AND ELEVATION - TRANSFER-TYPE

SCALE: 3/8" = 1'-0"



7 TYPICAL TOILET COMPARTMENT CLEARANCES

SCALE: 3/8" = 1'-0"

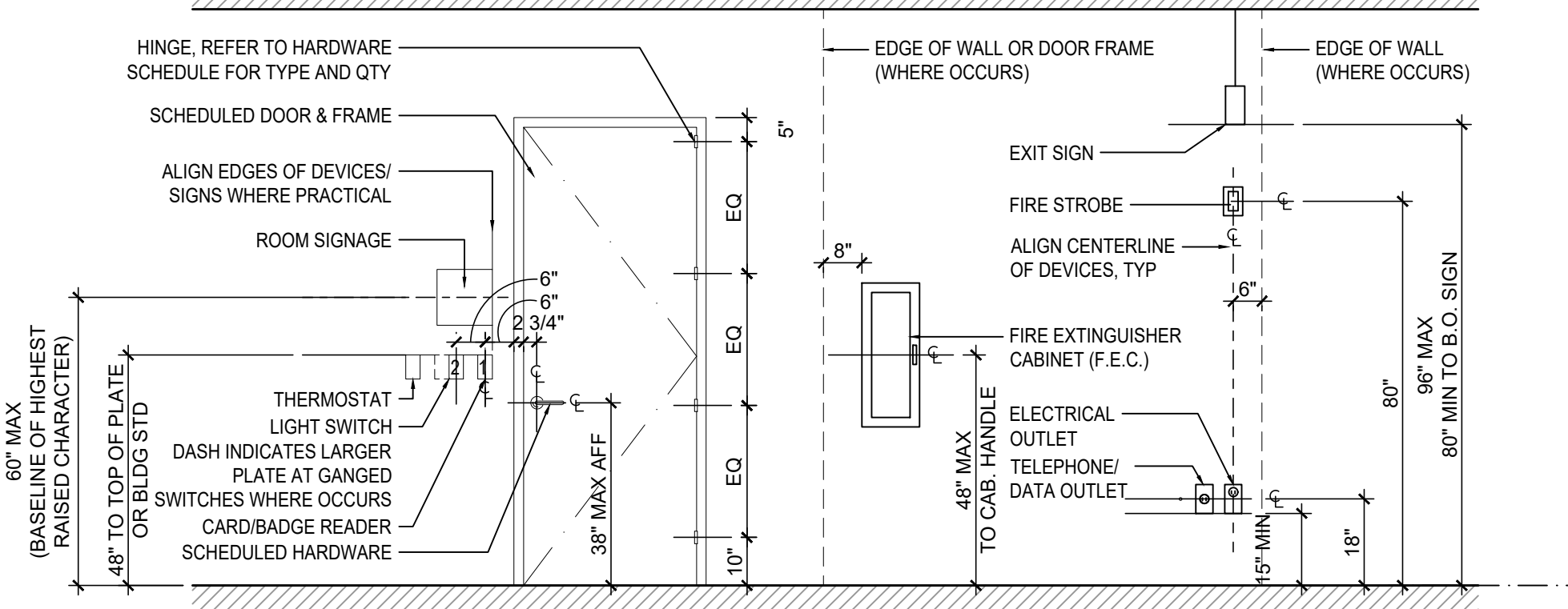


11 TYPICAL MOUNTING HEIGHTS - TOILET

SCALE: 3/8" = 1'-0"

12 TYPICAL DOOR APPROACH CLEARANCES

SCALE: 1/4" = 1'-0"

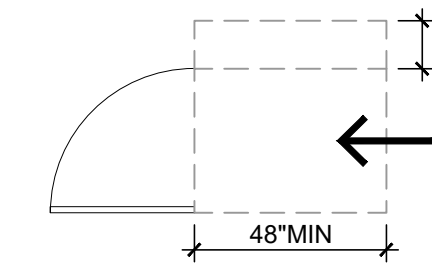
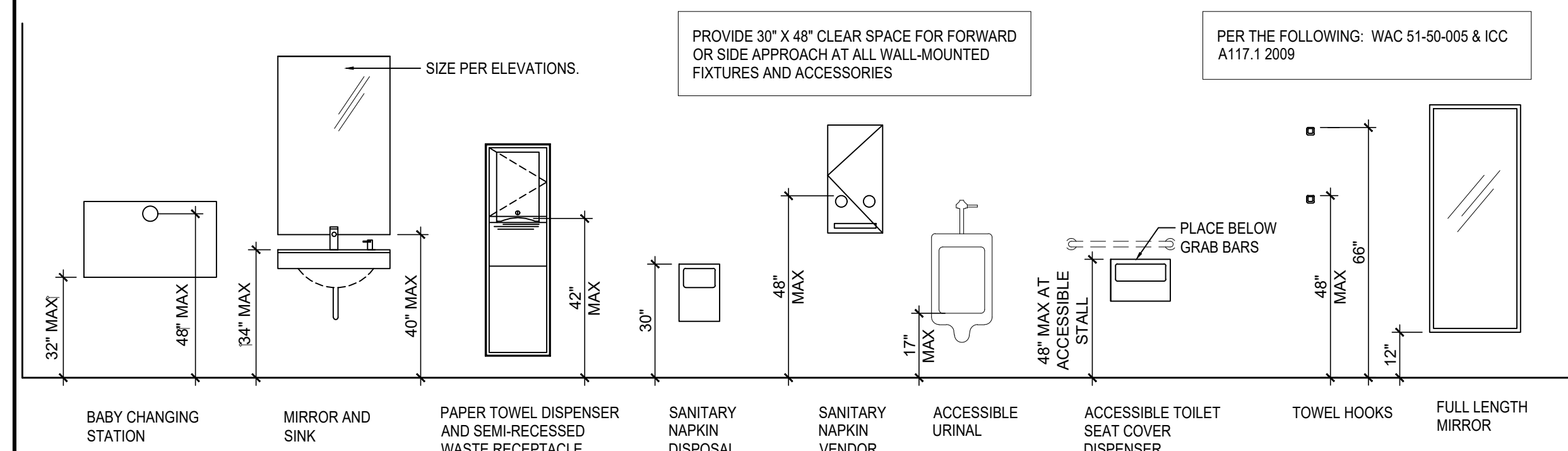


15 TYPICAL MOUNTING HEIGHTS - DEVICES AND EQUIPMENT

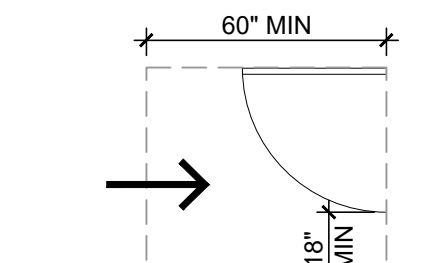
SCALE: 3/8" = 1'-0"

13 TYPICAL MOUNTING HEIGHTS - RESTROOM ACCESSORIES

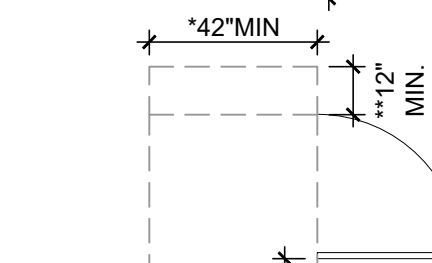
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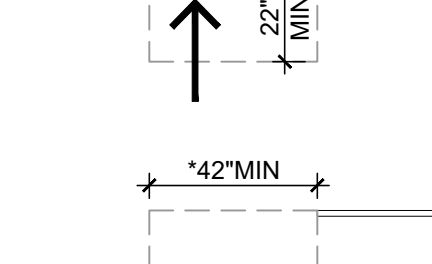
ADA FRONT APPROACH, PUSH SIDE CLEARANCE PER ICC/ANSI A117.1 SECTION 404
*12" MIN WITH CLOSER AND LATCH



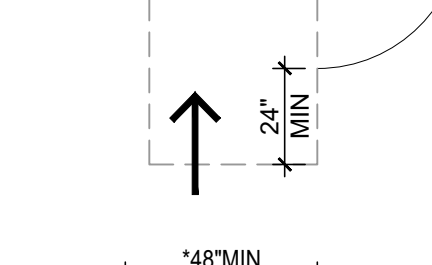
ADA FRONT APPROACH, PULL SIDE CLEARANCE PER ICC/ANSI A117.1 SECTION 404



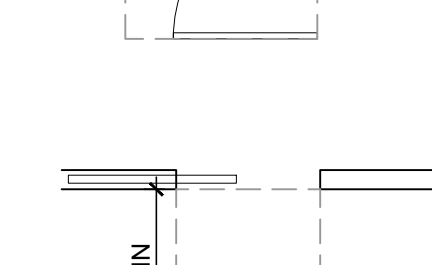
ADA HINGE APPROACH, PUSH SIDE CLEARANCE PER ICC/ANSI A117.1 SECTION 404
*48" MIN WITH CLOSER AND LATCH
**12" MIN WITH CLOSER AND LATCH



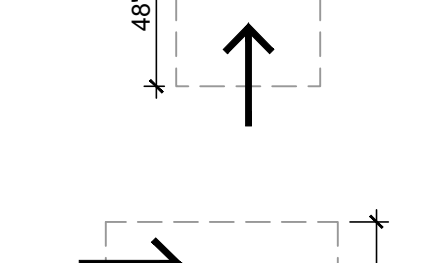
ADA LATCH APPROACH, PUSH SIDE CLEARANCE PER ICC/ANSI A117.1 SECTION 404
*48" MIN WITH CLOSER AND LATCH



ADA LATCH APPROACH, PULL SIDE CLEARANCE PER ICC/ANSI A117.1 SECTION 404
*54" MIN WITH CLOSER AND LATCH



ADA FRONT APPROACH, SLIDING DOOR CLEARANCE PER ICC/ANSI A117.1 SECTION 404



ADA POCKET APPROACH, SLIDING DOOR CLEARANCE PER ICC/ANSI A117.1 SECTION 404

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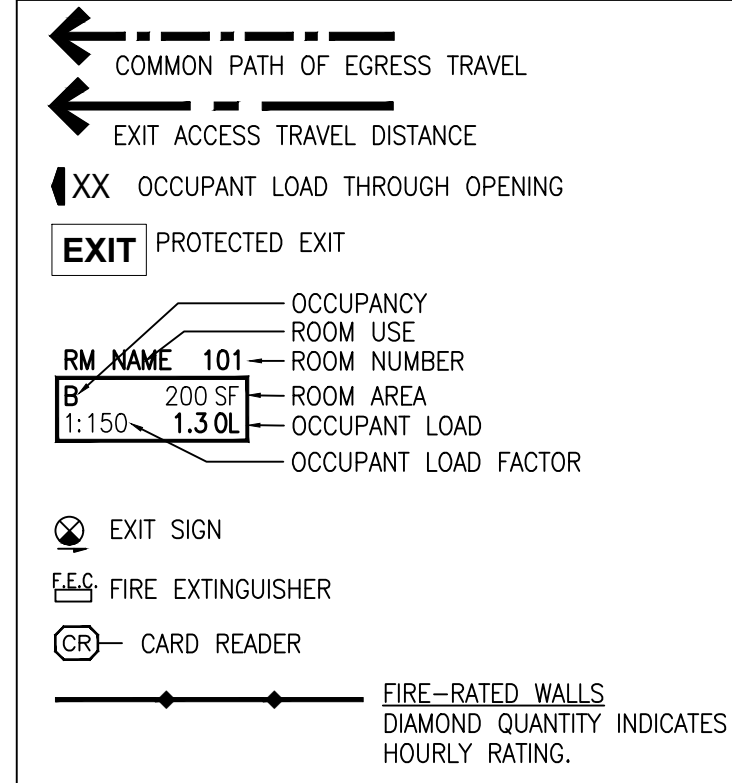
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GENERAL REQUIREMENTS & NOTES

I-0.3

Legend:



Code Calculations:

- REQUIRED EGRESS WIDTH:
 1.1. BUILDING IS FULLY SPRINKLERED (W/ OR HEADS) AND HAS EMERGENCY ALARM SYSTEM, THEREFORE, PER IBC 1005.3.1 & 1005.3.2 EXCEPTION:
 STAIRS: 0.2"/OCCUPANT
 1.2. OTHER COMPONENTS: 0.15"/OCCUPANT
 1.3. EGRESS WIDTHS REQUIRED PER IBC 1005.3.1 & 1005.3.2:
 STAIRS: 0.3"/OCCUPANT
 1.4. OTHER COMPONENTS: 0.2"/OCCUPANT
 1.5.
- MAXIMUM OCCUPANT LOAD LIMITED BY STAIRWAYS:
 43" (TOTAL STAIR WIDTH) / 0.3 = 143 MAXIMUM OCCUPANTS
- MAXIMUM OCCUPANT LOAD LIMITED BY OTHER EGRESS COMPONENTS:
 36" (TOTAL WIDTH) / 0.2 = 180 MAXIMUM OCCUPANTS
- MINIMUM EXITS REQUIRED PER IBC 1006.2.1/1006.3.2
 (3) EXITS HAVE BEEN PROVIDED.
- "COMMON PATH OF EGRESS TRAVEL" FOR B OCCUPANCY TO BE 100'-0" OR LESS AS ALLOWED PER IBC TABLE 1006.2.1.
- "EXIT ACCESS TRAVEL DISTANCE" FOR B OCCUPANCY TO BE 300'-0" THROUGHOUT BLDG, AS ALLOWED PER IBC TABLE 1017.2.
 6.1. EXIT TRAVEL DISTANCE SHALL BE MEASURED TO EXIT DISCHARGE OR EXIT STAIR, BUT CONTINUE DOWN A EXIT ACCESS STAIR.
- DEAD-END CORRIDORS TO BE LESS THAN 50'-0" PER IBC 1020.4.

Exit Plan Key Notes:

- CLEAR FLOOR SPACE (30"x48") AT SINK PER ICC/ANSI A117.1-2009, SECTION 606.2
- ALL NEW BUILT-IN COUNTERS REQUIRED TO BE ACCESSIBLE ARE +34" HIGH PER ICC/ANSI A117.1-2009 SECTION 902.4.
- ADA TRANSACTION SURFACE AT +36" AFF MAXIMUM FOR PARALLEL APPROACH PER ICC-ANSI A117.1-2009 SECTION 904.3.1.
- MINIMUM 60" DIAMETER UNOBSTRUCTED TURNING SPACE. PERMITTED TO INCLUDE KNEE AND TOE CLEARANCE; PER ICC/ANSI 117.1-2009 SECTION 603.2 EXCEPTION #2 TO COMPLY WITH SECTION 304.3.1 AND 306.
- 30" X 48" CLEAR SPACE FOR REFRIGERATOR PER ICC-ANSI A117.1, SECTION 804.5.6.
- STAFF EMERGENCY SECURITY DOOR LOCK OVERRIDE BUTTON AT CHECK-IN DESK IN ORDER TO LOCK SUITE ENTRY DOORS. DOORS TO REMAIN FREE EGRESS AT ALL TIMES ON PUSH/EXIT SIDE OF DOOR.
- ONE-HOUR RATED MEDICAL GAS CLOSET ASFO8 CONSTRUCTED TO COMPLY WITH 2018 IBC 427.2.1 FOR A ONE-HOUR EXTERIOR ROOM AND 2018 IFC 5306.2 WITH AUTOMATIC FIRE SPRINKLER HEAD IN ROOM, AND 2018 IMC 502.8.2. FIRE SPRINKLER UNDER A SEPARATE PERMIT.

Code Notes:

- MEANS OF EGRESS ILLUMINATION: THE MEANS OF EGRESS (EXIT PATHWAY) AND THE EXIT DISCHARGE DOOR SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING IS OCCUPIED AT AN ILLUMINATION LEVEL NOT LESS THAN 1-FOOT CANDLE (10 LUX) AT THE WALKING SURFACE LEVEL PER IBC 1008. LIGHTING MUST BE PROVIDED WITH EMERGENCY BATTERY BACK-UP PER IBC 1008.3.
- EGRESS LIGHTING SHALL BE DESIGNED BY A LICENSED ELECTRICAL ENGINEER ACCORDING TO APPLICABLE CODES/ORDINANCES IN JURISDICTION. THE ENGINEER MAY REFERENCE THIS CODE SUMMARY SHEET. HOWEVER, IT SHALL REMAIN THE SOLE RESPONSIBILITY OF THE ENGINEER TO COMPLETE A SCOPE OF WORK ADDRESSING ALL EGRESS LIGHTING I.E.; ROOMS, SPECIALIZED SPACES, PATHWAYS, ETC. PER THE AFOREMENTIONED CODES. FINAL EGRESS LIGHTING DESIGN SUBJECT TO BUILDING OFFICIAL DISCRETION.
- EGRESS DOORS WITH CARD READERS SHALL BE FAIL-SAFE TO REMAIN UNLOCKED DURING AN EVENT/EMERGENCY PER IBC 1010.1.9.
- NON-EGRESS DOOR WITH CARD READERS SHALL BE FAIL SECURE TO REMAIN LOCKED DURING AN EVENT/EMERGENCY. DOOR CAN STILL BE OPENED WITH A KEY DURING SUCH EVENT/EMERGENCY.
- FIRE EXTINGUISHERS MUST BE WITHIN A 75' MAXIMUM TRAVEL DISTANCE OF ANY LOCATION.

MEDICAL GAS TANK SUMMARY:

TANK CONTENT	# OF TANKS	SIZE OF TANK (CU.FT)	TOTAL (CU.FT)	TOTAL ALLOWABLE PER IBC 307.1 (CU.FT)
OXYGEN	6	244	1,464	
COMP. AIR	4	244	976	
TOTAL			2,440	LESS THAN 3,000

SUITE CU100 OCCUPANT LOAD:

REFER TO IBC TABLE 1004.5 FOR LOAD FACTOR

Occupancy	Room Name	Room Number	Square Footage	Load Factor	Occupant Load
B	SURGERY	ASF06	277	1/100	3
B	SURGERY	ASF07	387	1/100	4
B	STAFF BREAK	117	121	1/15	8
B	WAITING	100	441	1/15	29
B	STORAGE	ASF12	103	1/300	0.3
B	GENERAL OFFICE	N/A	2168	1/50	14
TOTAL			3,497		59

Plumbing Calculation: (PER IBC TABLE 2902.1)

OCCUPANCY	LOAD	WATER CLOSETS				LAVATORIES			DRINKING FOUNTAINS		SERVICE SINK
		RATIO	MALE	RATIO	FEMALE	RATIO	MALE	FEMALE	RATIO	COUNTS	COUNTS
B	59	1 PER 25 FOR THE FIRST 50, THEN 1 PER 50	1.2	1 PER 25 FOR THE FIRST 50, THEN 1 PER 50	1.2	1 PER 40 FOR THE FIRST 80, THEN 1 PER 80	.7	.7	1 PER 150 FOR THE FIRST 150, THEN 1 PER 500	.393	1
REQUIRED TOTALS			2		2		1	1		1	
PROVIDED TOTALS			4		3		3	2	(NOTE #3)	NOTE #1	

- NOTES:
 1. DRINKING FOUNTAINS ARE NOT REQUIRED WITHIN INDIVIDUAL TENANT SPACES IF LOCATED ON AN ACCESSIBLE ROUTE WITHIN 500 FEET OF THE MOST REMOTE LOCATION WITHIN THE TENANT SPACE PER WA. STATE AMENDMENT 2902.5. ACCESSIBLE DRINKING FOUNTAIN LOCATED ADJACENT TO COMMON AREA RESTROOMS



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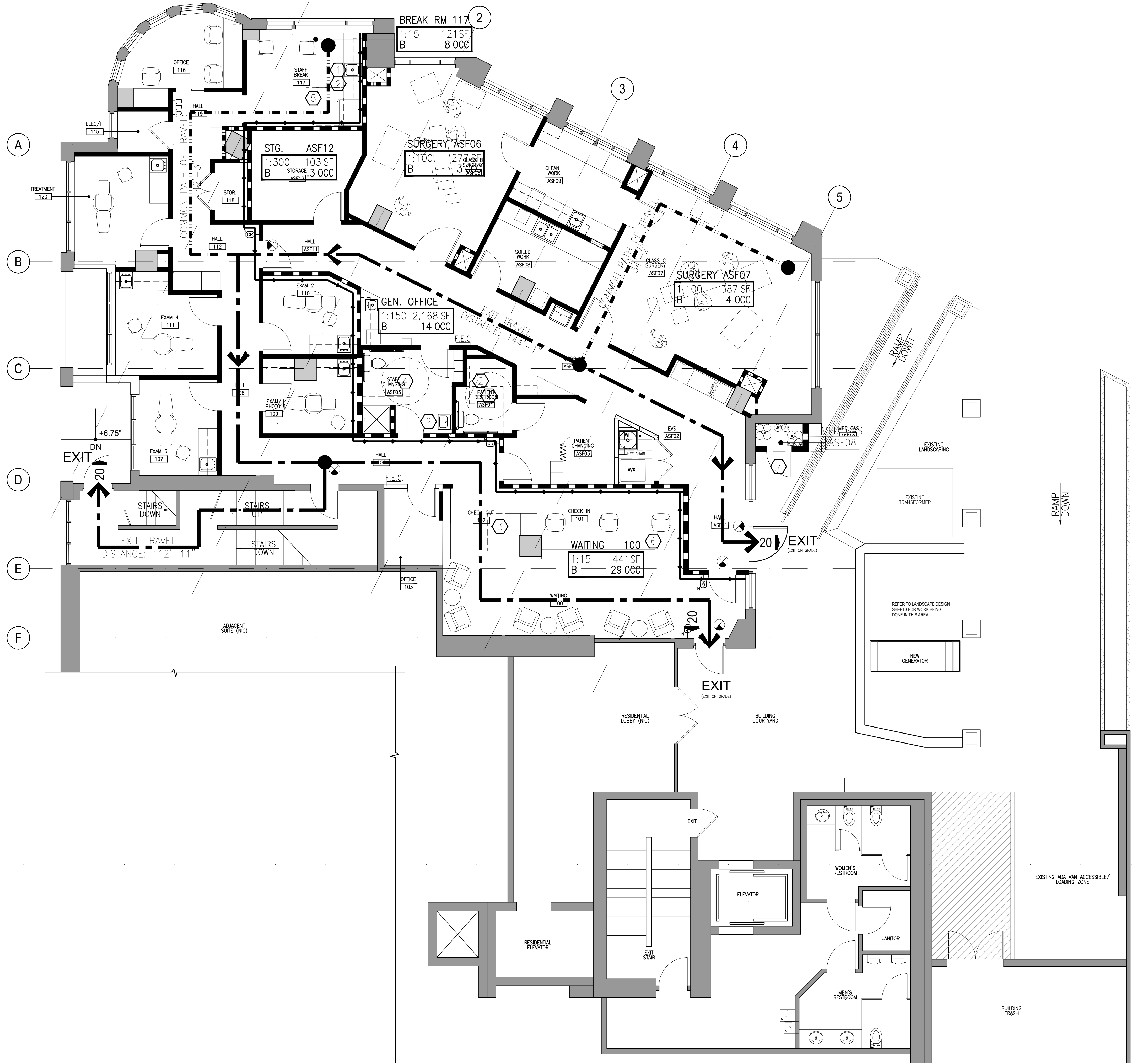
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LEVEL 1 - EXIT PLAN
 SCALE: 3/16"=1'-0"

SEE SHEET I-CS.0 FOR NOTES, KEYNOTES, AND SYMBOLS

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EXIT PLAN

I-CS-1

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DEMOLITION PLAN KEY NOTES:

- ① NO WORK IN THIS AREA, UNLESS OTHERWISE NOTED.
- ② DEMOLISH PORTION OF EXISTING EXTERIOR WALL AND GLAZING FOR NEW DOOR LOCATION. REFER TO DIMENSION PLAN AND FLOOR PLAN FOR ADDITIONAL INFORMATION.
- ③ REMOVE EXISTING PLUMBING FIXTURES.
- ④ EXISTING DOOR SCHEDULED TO REMAIN.
- ⑤ REMOVE EXISTING APPLIANCES.
- ⑥ DEMOLISH ALL POWER/DATA AND FLOOR CORES, UNLESS OTHERWISE INDICATED TO REMAIN.
- ⑦ DEMOLISH ALL ACOUSTICAL CEILING TILE, LIGHTING AND SWITCHING THROUGHOUT.
- ⑧ DEMOLISH/RELOCATE ELECTRICAL PANELS. REFER TO POWER PLAN FOR NEW LOCATION.
- ⑨ REMOVE EXISTING PAVERS UNDER LOCATION OF NEW MED GAS RM. PREPARE FOR NEW SLAB. EXISTING PAVERS TO BE RETAINED FOR FUTURE USE AS NEEDED.
- ⑩ REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR DEMO WORK AT NEW GENERATOR.
- ⑪ REMOVE EXISTING CASEWORK.

DEMOLITION PLAN SHEET NOTES:

- 1. OBTAIN DEMOLITION PERMITS AND INCLUDE ALL COSTS OF SAME IN CONTRACT PRICE.
- 2. FURNISH ALL LABOR AND MATERIALS/EQUIPMENT TO COMPLETE DEMOLITION AND REMOVAL OF ALL ITEMS AS INDICATED.
- 3. CONTRACTOR SHALL KEEP CONSTRUCTION AREA FREE OF DUST AND DEBRIS FOR THE DURATION OF CONSTRUCTION.
- 4. IF ANY QUESTIONS ARISE AS TO THE REMOVAL OF ANY MATERIAL, CLARIFY THE POINT IN QUESTION WITH THE ARCHITECT BEFORE PROCEEDING.
- 5. AT COMPLETION OF DEMOLITION WORK, THE CONSTRUCTION AREA(S) SHALL BE LEFT IN "BROOM CLEAN" CONDITION. ALL DEBRIS AND MISCELLANEOUS MATERIAL SHALL BE REMOVED.
- 6. ALL DEBRIS REMOVAL SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING MANAGEMENT REQUIREMENTS AND PROCEDURES.
- 7. DISPOSAL: ALL DEBRIS REMOVED FROM THE SITE SHALL BE RECYCLED AS MUCH AS PRACTICAL AND ALLOWED BY LAW.
- 8. IN PARTITIONS TO BE REMOVED, REMOVE AND CAP ALL OUTLETS, SWITCHES, WIRES, THERMOSTATS, ETC., TO THEIR SOURCE.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PATCHING AND/OR REPAIRING ANY DAMAGE CAUSED BY HIM OR HIS SUBCONTRACTORS TO EXISTING CONSTRUCTION IN ELEVATOR LOBBY, PUBLIC CORRIDORS, RESTROOMS OR TENANT SPACES. REFINISH TO MATCH EXISTING ADJACENT FINISH, OR AS NOTED HEREIN.
- 10. NO EXISTING SMOKE DETECTOR, PUBLIC ADDRESS SPEAKER, FIRE ALARM BOX OR SIMILAR DEVICE, INCLUDING THE ASSOCIATED WIRING SHALL BE DAMAGED DURING DEMOLITION AND SUBSEQUENT CONSTRUCTION. RELOCATION OF SMOKE DETECTORS, PUBLIC ADDRESS SPEAKERS AND FIRE ALARM EQUIPMENT, NECESSITATED BY NEW CONSTRUCTION, SHALL BE ACCOMPLISHED AS A FIRST PRIORITY, AND PER THE PLANS. NO ACTIVE SMOKE DETECTOR SHALL BE COVERED OR OTHERWISE REMOVED OR USED FOR OTHER THAN ITS INTENDED PURPOSE.
- 11. REMOVAL OF ANY EQUIPMENT, CABLING SWITCHES, AND CONDUIT PERTAINING TO DATA/COMMUNICATIONS AND TELEPHONE SHALL BE VERIFIED WITH TELEPHONE COMPANIES AND TENANT.
- 12. REMOVE ALL EXISTING MATERIALS WHICH WOULD CAUSE RISES OR DEPRESSIONS IN NEW FLOORING SURFACE, SUCH AS FASTENERS, OUTLET CORES, COVER PLATES, RESILIENT FLOOR COVERINGS, CARPET, CARPET PAD, FLASH PATCH, CONCRETE FILL, PLYWOOD, ETC.
- 13. DEMOLITION IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON DRAWINGS. THE INTENT IS TO INDICATE THE GENERAL SCOPE OF DEMOLITION REQUIRED TO COMPLETE THE WORK IN ACCORDANCE WITH THE CONTRACT DRAWINGS.
- 14. RATED WALLS SHALL NOT BE PENETRATED UNLESS THE RATING IS MAINTAINED.
- 15. EXISTING FINISH FLOORING AND WALL BASE TO BE DEMOLISHED AND DISCARDED THROUGHOUT SUITE. PATCH AND REPAIR AFFECTED SUBSTRATE AS REQUIRED FOR INSTALLATION OF NEW FLOORING AND WALL BASE MATERIALS.
- 16. DEMOLISH AND DISPOSE OF ALL EXISTING PARTITION WALLS (FULL HEIGHT, PARTIAL-HEIGHT, AND GRID HEIGHT), DOORS/FRAMES/HARDWARE, CABINETRY/MILLWORK, AS INDICATED ON DEMOLITION PLAN. PROTECT EXISTING ADJACENT SURFACES, INCLUDING BUT NOT LIMITED TO CEILING, ADJACENT WALLS AND FLOORING THROUGHOUT SCOPE OF WORK.
- 17. DEMOLISH AND DISPOSE OF ALL ELECTRICAL, LOW-VOLTAGE AND LIFE-SAFETY EQUIPMENT/DEVICES (INCLUDING LOW-VOLTAGE CABLING) AS INDICATED AND AS REQUIRED DUE TO DEMOLITION OF ALL INTERIOR PARTITIONS. AT LOCATIONS WHERE ELECTRICAL IS TO BE REMOVED, TERMINATE WIRING AT CLOSEST JUNCTION BOX OR DEMOLISH WIRING BACK TO PANEL. SALVAGE ANY EXISTING POWER TO BE REUSED AS POSSIBLE. ALL REMAINING POWER OUTLETS TO BE WHITE.
- 18. DEMOLISH ALL EXISTING AND UNUSED BLANK PLATES THROUGHOUT SCOPE OF WORK. PATCH AND REPAIR GWB TO MATCH ADJACENT FINISH.
- 19. DEMOLISH AND DISPOSE OF EXISTING PLUMBING/FIXTURES AS INDICATED AND AS REQUIRED DUE TO DEMOLITION OF INTERIOR PARTITIONS. TERMINATE AND CAP ALL EXISTING SUPPLY/WASTE LINES BEHIND WALL AND/OR FLOOR. PATCH AND REPAIR AFFECTED AREAS, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS AND CEILINGS AS REQUIRED MATCHING EXISTING FINISH MATERIALS, U.N.O.
- 20. DEMOLISH ALL EXISTING AND/OR UNUSED FLOOR POKE-THRU'S. PATCH AND CAP OPENING. MAINTAIN FIREPROOFING/FLOOR RATING REQUIREMENTS.
- 21. DEMOLISH AND DISPOSE OF EXISTING CABINETRY/MILLWORK UNLESS OTHERWISE REQUESTED TO BE RETAINED. PATCH AND REPAIR AFFECTED AREAS, INCLUDING BUT NOT LIMITED TO WALLS, FLOORS AND CEILINGS AS REQUIRED. MATCH EXISTING FINISH MATERIALS, UNLESS NOTED OTHERWISE.
- 22. DEMOLISH AND DISPOSE OF EXISTING DOORS, FRAMES, SIDELIGHTS AND HARDWARE (UNLESS OTHERWISE REQUESTED TO BE RETAINED).
- 23. REMOVE AND SALVAGE ALL EXISTING FIRE EXTINGUISHER CABINETS. REINSTALL AT NEW LOCATIONS PER FLOOR PLAN IF CABINET IS SEMI-RECESSED AND IN LIKE-NEW CONDITION.
- 24. PATCH AND REPAIR EXISTING GWB WALL SURFACES WHERE DAMAGED BY REMOVAL OF INTERSECTING WALLS.
- 25. ROLL-UP, BAG AND PROTECT EXISTING EXTERIOR HORIZONTAL SHADES THROUGHOUT DURATION OF CONSTRUCTION. REPAIR AND/OR PROVIDE NEW WHERE FOUND MISSING OR DAMAGED.
- 26. DEMOLISH EXISTING FINISHED CEILINGS AS INDICATED IN PLAN AND AS REQUIRED DUE TO DEMOLITION SCOPE AND REVISED LAYOUT. PATCH AND REPAIR AFFECTED AREAS AS REQUIRED. REFER TO REFLECTED CEILING PLAN FOR NEW CEILING INFORMATION.
- 27. DEMOLISH EXISTING LIGHT FIXTURES AND LIGHT SWITCHES THROUGHOUT AS INDICATED IN PLAN AND AS REQUIRED DUE TO DEMOLITION SCOPE AND REVISED LAYOUT. PATCH & REPAIR AFFECTED AREAS TO MATCH ADJACENT FINISH AT LOCATIONS WHERE ELECTRICAL IS TO BE REMOVED. TERMINATE WIRING AT CLOSEST JUNCTION BOX OR DEMOLISH WIRING BACK TO PANEL.
- 28. DEMOLISH ALL EXISTING LIGHT FIXTURES AND REPLACE WITH NEW. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
- 29. ALL EXISTING EXIT SIGNS TO BE DEMOLISHED AND REPLACED WITH NEW. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION AND NEW LOCATIONS DUE TO REVISED LAYOUT.

DEMOLITION PLAN LEGEND:

- ===== EXISTING PARTITION/CONSTRUCTION TO REMAIN
 - == == == EXISTING PARTITION TO BE REMOVED
 - ===== EXISTING SHELL & CORE WALLS TO REMAIN
- E = EXISTING TO REMAIN
D = DEMOLISH

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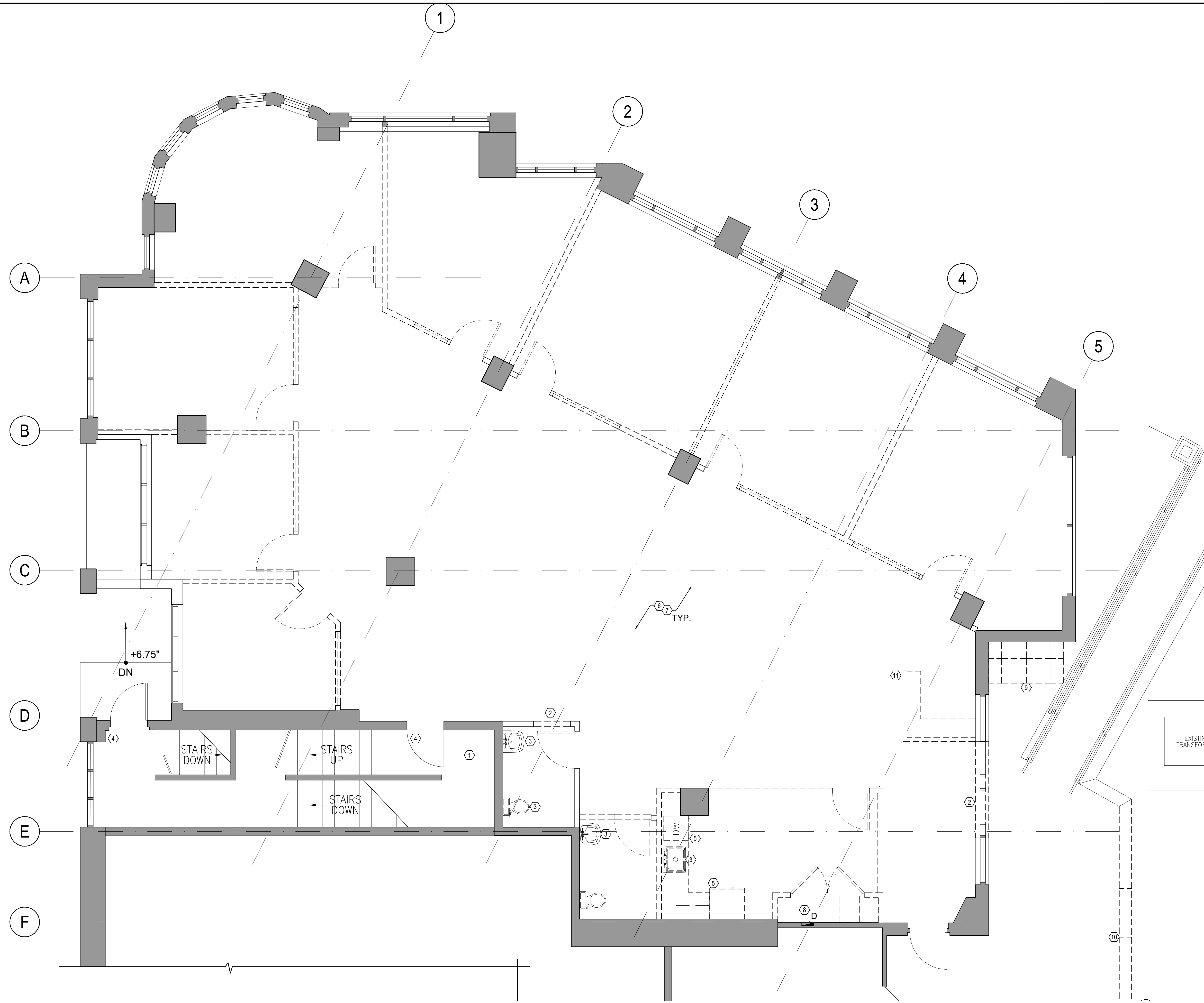
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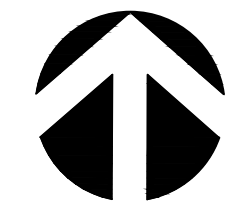
DEMOLITION NOTES AND LEGEND

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DEMOLITION PLAN

Scale: 1/4"=1'-0"

SEE SHEET I-01.0 FOR NOTES, KEYNOTES, AND SYMBOLS

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DEMOLITION PLAN

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Per: Jabe - JPC STB CTB
XRef: ATB.dwg

DIMENSION PLAN KEY NOTES:

- ① NOT USED
- ② ALIGN PARTITION WITH GWB HEADER. REFER TO REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
- ③ WOOD/GWB/ALUMINUM-FRAMED OPENING. REFER TO DOOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- ④ PROVIDE LEVEL 5 FINISH AT THIS LOCATION. REFER TO FINISH PLAN FOR ADDITIONAL INFORMATION.

DIMENSION PLAN SHEET NOTES:

- 1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS GOVERN. ALL PARTITION LOCATIONS SHALL BE AS SHOWN ON PARTITION PLAN. IN CASE OF CONFLICT NOTIFY ARCHITECT. PARTITION PLAN BY ARCHITECT TAKES PRECEDENCE OVER ALL OTHER PLANS.
- 2. ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE OF GYPSUM BOARD TO FINISH FACE OF GYPSUM BOARD UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" OR "CLR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESSES OF ALL WALL FINISHES, U.N.O.
- 3. DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE ACCURATELY MAINTAINED, AND SHALL NOT VARY MORE THAN ± 1/8" WITHOUT WRITTEN INSTRUCTION FROM ARCHITECT.
- 4. DIMENSIONS MARKED ± MEAN A TOLERANCE NOT GREATER NOR SMALLER THAN 2 INCHES FROM INDICATED DIMENSION, U.N.O. VERIFY FIELD DIMENSIONS EXCEEDING TOLERANCE WITH THE ARCHITECT. SECURE ARCHITECT'S APPROVAL.
- 5. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES OR CONFLICTS IN THE LOCATION(S) OF NEW CONSTRUCTION. UPON COMPLETION OF PARTITION LAYOUT, NOTIFY ARCHITECT. VERIFICATION OF THE LAYOUT TO BE PROVIDED BY THE ARCHITECT PRIOR TO PARTITION INSTALLATION.
- 6. REFER TO REFLECTED CEILING PLANS FOR SOFFITS, CEILING HEIGHTS AND PLENUM BARRIER LOCATIONS.
- 7. DIMENSIONS LOCATING DOORS ARE TO THE INSIDE EDGE OF JAMB. U.N.O.
- 8. "ALIGN" MEANS TO ACCURATELY LOCATE FINISHED FACES IN THE SAME PLANE.
- 9. ALL DOORS SHALL HAVE 1'-6" CLR. ON STRIKE/PULL SIDE AND 1'-0" CLR. ON PUSH SIDE OF DOOR. VERIFY AND ADVISE ARCHITECT OF EXCEPTIONS PRIOR TO CLOSING OUT PARTITIONS.
- 10. ANY DIMENSIONS THAT ARE UNSPECIFIED OR UNCLEAR ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION PRIOR TO PROCEEDING. DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE ACCURATELY MAINTAINED AND SHALL NOT VARY MORE THAN ± 1/8" WITHOUT WRITTEN INSTRUCTION FROM ARCHITECT.
- 11. CONTRACTOR SHALL VERIFY FIELD DIMENSIONS AFTER DEMOLITION AND DURING FRAMING LAYOUT AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE PROCEEDING.
- 12. GENERAL CONTRACTOR TO VERIFY ALL CRITICAL FRAMING DIMENSIONS AND REQUIREMENTS AT EQUIPMENT WITH EQUIPMENT SUPPLIER. EXACT OPERATORY LAYOUT TO BE VERIFIED BY EQUIPMENT SUPPLIER AND/OR DOCTOR BEFORE FRAMING TO COMMENCE. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING.
- 13. MED. GAS TANK STORAGE ROOM ASF10 CONSTRUCTION REQUIREMENTS: (ONE-HOUR EXTERIOR ROOM) MUST BE 1-HOUR FIRE-RATED CONSTRUCTION AND MEET THE REQUIREMENTS OF THE 2018 IFC SECTION 5306.2.1, 2018 IBC SECTION 427.2.1, 2018 NFPA-99 CHAPTER 15, AND 2018 IMC 502.8.2 AND 502.9.1. REFER TO DETAIL 511-09.1 FOR ADDITIONAL INFORMATION.
- 14. PROVIDE SOUND INSULATION (STC-45 MIN.) IN ALL NEW PARTITIONS PER PARTITION DETAILS.
- 15. AT ACOUSTIC PARTITIONS, GWB FASTENERS SHALL NOT PENETRATE THROUGH RESILIENT CHANNELS INTO STUDS. WALL MOUNTED OBJECTS SHALL NOT BE SUPPORTED BY FASTENERS THAT PASS THROUGH RESILIENT CHANNELS INTO STUDS.
- 16. FRAMING AND BLOCKING FOR RECESSED ACCESSORIES IS REQUIRED. REFER TO ACCESSORIES PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION. PROVIDE ROUGH FRAMING PER MANUFACTURER'S SPECIFICATIONS AND REFER TO THE TYPICAL MOUNTING HEIGHTS PER DETAIL 1311-0.3.
- 17. PROVIDE AND INSTALL NEW (AND/OR SALVAGED) SEMI-RECESSED FIRE EXTINGUISHER CABINET (F.E.C.). MOUNT AT 48" ABOVE FINISH FLOOR (A.F.F.) TO CENTER OF CABINET. PROVIDE IDENTIFICATION SIGNAGE AT EACH EXTINGUISHER LOCATION AS REQUIRED. QUANTITIES AND LOCATIONS SHALL BE DETERMINED BY BUILDING AND FIRE INSPECTOR'S FIELD PLACEMENT DETERMINATION. PROPOSED LOCATIONS ARE SHOWN ON ARCHITECTS PLAN. VERIFY ANY REQUIRED CHANGE IN LOCATION WITH ARCHITECT. REFER TO DETAIL 1511-0.3 FOR MOUNTING HEIGHT.
- 18. ALL EXISTING AND NEW GWB PARTITIONS TO BE FINISHED AT A LEVEL 4 FINISH, UNLESS NOTED OTHERWISE.
- 19. CONTRACTOR TO CONFIRM FINAL FRAMING REQUIREMENTS AT MED GAS CLOSET AND VAC PUMP ROOM WITH THE EQUIPMENT SUPPLIER BEFORE FRAMING COMMENCES.

PARTITION LEGEND:

	EXISTING PARTITION CONSTRUCTION TO REMAIN
	NEW CEILING-HEIGHT PARTITION. REFER TO DETAIL <u>311-09.1</u>
	NEW EXTENDED CEILING-HEIGHT PARTITION. REFER TO DETAIL <u>411-09.1</u>
	NEW FULL-HEIGHT RATED PARTITION. REFER TO DETAIL <u>511-09.1</u>
	NEW FULL-HEIGHT PARTITION. REFER TO DETAIL <u>911-09.1</u>

PARTITION LEGEND NOTES:

AT LOCATIONS REQUIRED FOR ARCHITECTURAL FEATURES AND/OR "IN-WALL" ELECTRICAL/MECHANICAL/PLUMBING SYSTEMS, PROVIDE APPROPRIATE METAL STUD WIDTH TO ACCOMMODATE SIZING REQUIREMENT. CONFORM TO SPECIFIED METAL GAUGE AND SPACING AS INDICATED BY WALL TYPE. REFER TO PARTITION LEGEND FOR ADDITIONAL INFORMATION.

SYMBOLS LEGEND:

- SEMI-RECESSED FIRE EXTINGUISHER AND CABINET - TYPE II-10B. COLOR: WHITE.
- WALL TAG

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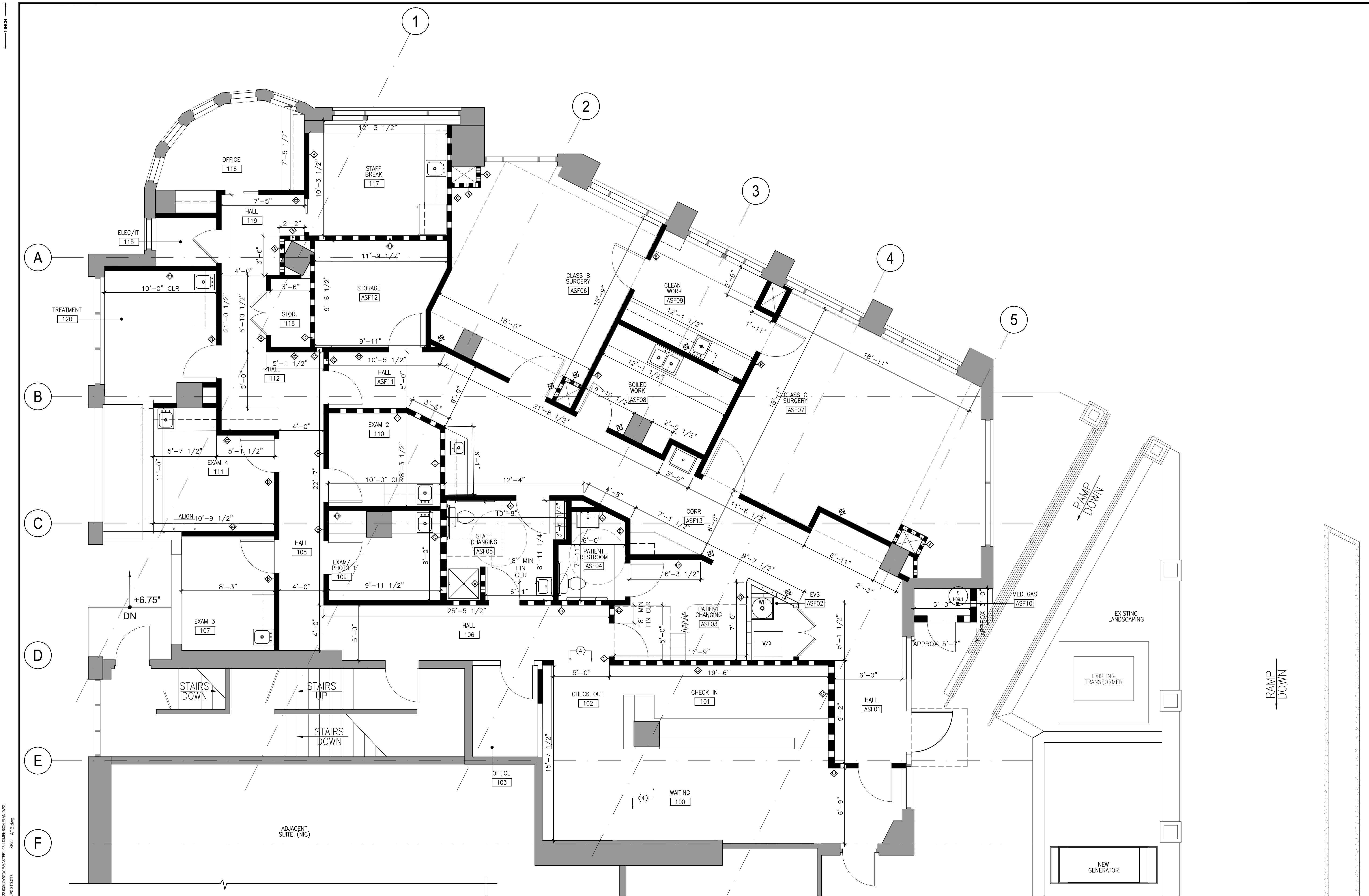


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JURISDICTION STAMP

DIMENSION PLAN NOTES AND LEGEND

I-02.0



Author: ERMA/DEKLE
Date/Time: 01/10/2023 10:55 AM
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Per: JPC, AFB, DWG



DIMENSION PLAN

SCALE: 1/4"=1'-0"

SEE SHEET I-02.0 FOR NOTES, KEYNOTES, AND SYMBOLS

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DIMENSION PLAN

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Author: ERMA.DENKLE Date/Time: 6/10/2023 11:40 AM
Dwg: L:\2023\23-05\NEW\DWG\MASTER\I-03-FLOOR PLAN NOTES AND LEGEND.dwg
Per: Job: JPC STB CTB XRef: JATB.dwg

FLOOR PLAN KEY NOTES:

- ① PROVIDE AND INSTALL 5/8" X 48"W X FULL HEIGHT FIRE-RESISTANT PLYWOOD. PAINT TO MATCH GENERAL WALL COLOR LEAVING FIRE-RATING MARKINGS UNPAINTED AT BOTTOM RIGHT OF PANEL. VERIFY EXACT REQUIREMENTS WITH COMPUTER & AV TECH.
- ② PROVIDE AND INSTALL CARD READER AT 34" AFF - FAIL SAFE AT EGRESS DOORS. DOOR LOCKS MUST AUTOMATICALLY RELEASE WITH LOSS OF POWER TO THE DOOR LOCK OR RELEASING DEVICE. DOORS MUST REMAIN UNLOCKED UNTIL THE POWER SUPPLY IS RESTORED. DOOR LOCKS MUST AUTOMATICALLY RELEASE WITH LOSS OF PRIMARY POWER TO THE FIRE ALARM CONTROL PANEL. AN APPROVED SMOKE DETECTOR SHALL BE INSTALLED WITHIN THE ELEVATOR LOBBY IN ACCORDANCE WITH THE MANUFACTURER'S LISTING INSTRUCTIONS AND SHALL INITIATE A GENERAL FIRE ALARM WHEN ACTIVATED. DOOR LOCKS MUST AUTOMATICALLY RELEASE ON ACTIVATION OF THE BUILDING ALARM SYSTEM (SPRINKLER HEAD, SMOKE/HEAT DETECTOR OR PULL STATION ACTION). DOORS MUST REMAIN UNLOCKED UNTIL THE FIRE ALARM SYSTEM IS MANUALLY RESET. NON-EGRESS DOORS WITH CARD READERS TO BE FAIL-SECURE.
- ③ PROVIDE WINDOW FILM - FULL HEIGHT TO OBSCURE VISIBILITY INTO WINDOWS AS NOTED. MANUFACTURER AND PATTERN TO BE SELECTED.
- ④ PROVIDE WINDOW BLINDS AS NOTED. MANUFACTURER AND PATTERN TO BE SELECTED.
- ⑤ PROVIDE PASS THROUGH WINDOW BETWEEN CLEAN AND SOILED ROOMS.
- ⑥ PROVIDE NEW PUSH TO EXIST OVERRIDE BUTTON
- ⑦ REFER TO LANDSCAPE ARCHITECT'S DRAWINGS FOR WORK IN THIS AREA
- ⑧ REFER TO STRUCTURAL ENGINEERING DRAWINGS FOR WORK IN THIS AREA

FLOOR PLAN SHEET NOTES:

- 1. GENERAL CONTRACTOR TO PROVIDE ALL REQUIRED BLOCKING, BACKING, BRACING AND IMSC. SUPPORTS AS NECESSITATED BY ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND AUDIO-VIDEO; INCLUDING BUT NOT LIMITED TO, CASEWORK, SPECIFIC MEDICAL EQUIPMENT, WALL-MTD MONITORS, AND RESTROOM ACCESSORIES.
- 1.1. PROVIDE BLOCKING IN WALL FOR WALL-MTD MONITORS. (COORDINATE EXACT MOUNTING HEIGHT WITH AV CONSULTANT). REFER TO POWER PLAN FOR ADDITIONAL INFORMATION.
- 1.2. PROVIDE BLOCKING IN WALL FOR WALL-MTD ACCESSORIES. REFER TO ACCESSORIES PLAN AND SCHEDULE FOR ADDITIONAL INFORMATION.
- 2. PROVIDE AND INSTALL NEW SEMI-RECESSED FIRE EXTINGUISHER CABINETS AS LOCATED PER PLAN. FINAL QUANTITY PER FIRE MARSHALL. VERIFY ALL FINAL LOCATIONS WITH ARCHITECT.
- 3. PROVIDE AND INSTALL GLAZING IN CONFORMANCE WITH THE 2018 INTERNATIONAL BUILDING CODE (I.B.C.), SECTION 2403 GENERAL REQUIREMENTS FOR GLASS (SPECIFICALLY 2403.4 INTERIOR GLAZED AREAS) AND SECTION 2406 SAFETY GLAZING. ALL GLAZING THROUGHOUT SUITE TO BE SAFETY GLAZING, TYPICAL THROUGHOUT U.N.O.
- 4. MEDICAL FIXTURES AND EQUIPMENT TO BE TENANT-FURNISHED AND INSTALLED. ITEMS INCLUDED ARE: STERILIZATION EQUIPMENT, AND MECHANICAL EQUIPMENT. COORDINATION WITH TENANT AND TENANT'S MEDICAL EQUIPMENT SUPPLIER IS REQUIRED.
- 5. SUBMITTALS FOR CABINET SHOP DRAWINGS, DOORS, DOOR HARDWARE AND DOOR FINISHES, AND APPLIANCES ARE REQUIRED TO BE SUBMITTED TO ARCHITECT FOR REVIEW AND FINAL APPROVAL PRIOR TO ORDERING.
- 6. GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALL CODE-REQUIRED SIGNAGE INCLUDING, BUT NOT LIMITED TO, AN ADA ACCESSIBLE RESTROOM SIGN AT RESTROOM ASF04 PER ICC A117.1, SECTION 703. THE SIGN SHALL BE WALL-MOUNTED ALONG THE LATCH SIDE OF THE DOOR PER ICC A117.1, SECTION 703.3.11. SIGN SHALL HAVE FINISH AND CONTRAST PER ICC A117.1, SECTION 703.3.12. PROVIDE SUBMITTAL TO CLIENT AND ARCHITECT FOR APPROVAL.
- 7. GENERAL CONTRACTOR TO PROVIDE DOOR-MOUNTED PRECAUTIONARY SIGN AT MED GAS ASF08 PER NFPA-99, SECTION 11.3.4. AT A MINIMUM THIS SIGN IS TO READ 'CAUTION: OXIDIZING GAS(ES) STORED WITHIN. NO SMOKING.' AND IS TO BE READABLE FROM A DISTANCE OF (5) FEET AND IS TO BE INSTALLED AT +60" AFF TO CENTER OF SIGN.
- 8. GENERAL CONTRACTOR TO PROVIDE AND INSTALL NEW WINDOW COVERINGS AT ALL EXTERIOR WINDOWS. REFER TO THE FINISH SCHEDULE FOR EXACT SPECIFICATION.
- 9. GENERAL CONTRACTOR TO THOROUGHLY CLEAN THE ENTIRE SUITE, INCLUDING THE INTERIOR FACE OF THE EXTERIOR WINDOWS, AFTER ALL WORK IN COMPLETED AND PRIOR TO CLIENT MOVE-IN.
- 10. ANCILLARY FURNITURE AND EQUIPMENT ARE TENANT-FURNISHED AND INSTALLED INCLUDING, BUT NOT LIMITED TO, TV MONITORS, PRINTERS, TABLES AND CHAIRS, U.N.O.
- 11. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON ALL ELECTRICAL AND DATA DEVICES, REQUIREMENTS, ETC.

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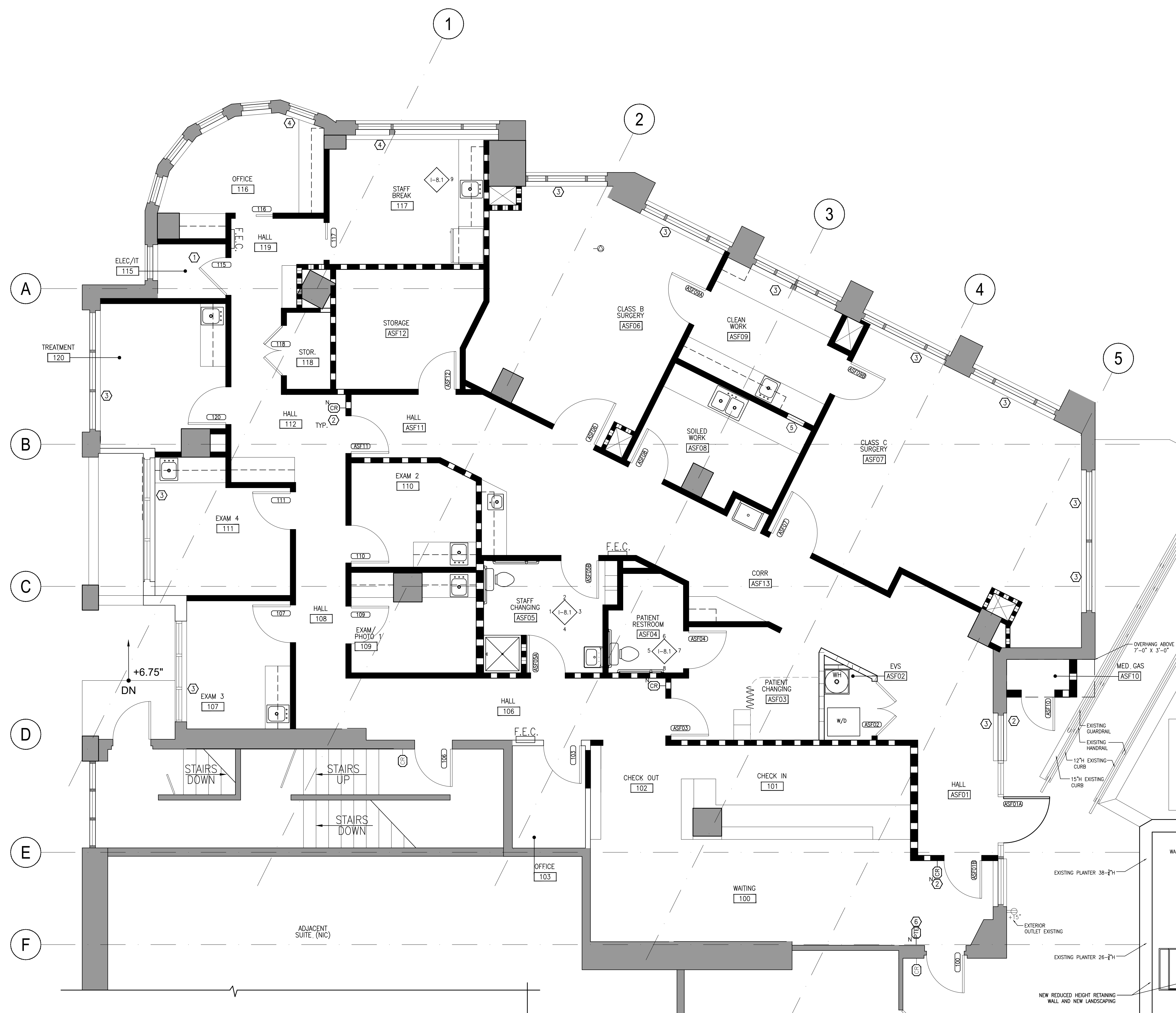
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JURISDICTION STAMP

FLOOR PLAN NOTES AND LEGEND

I-03.0

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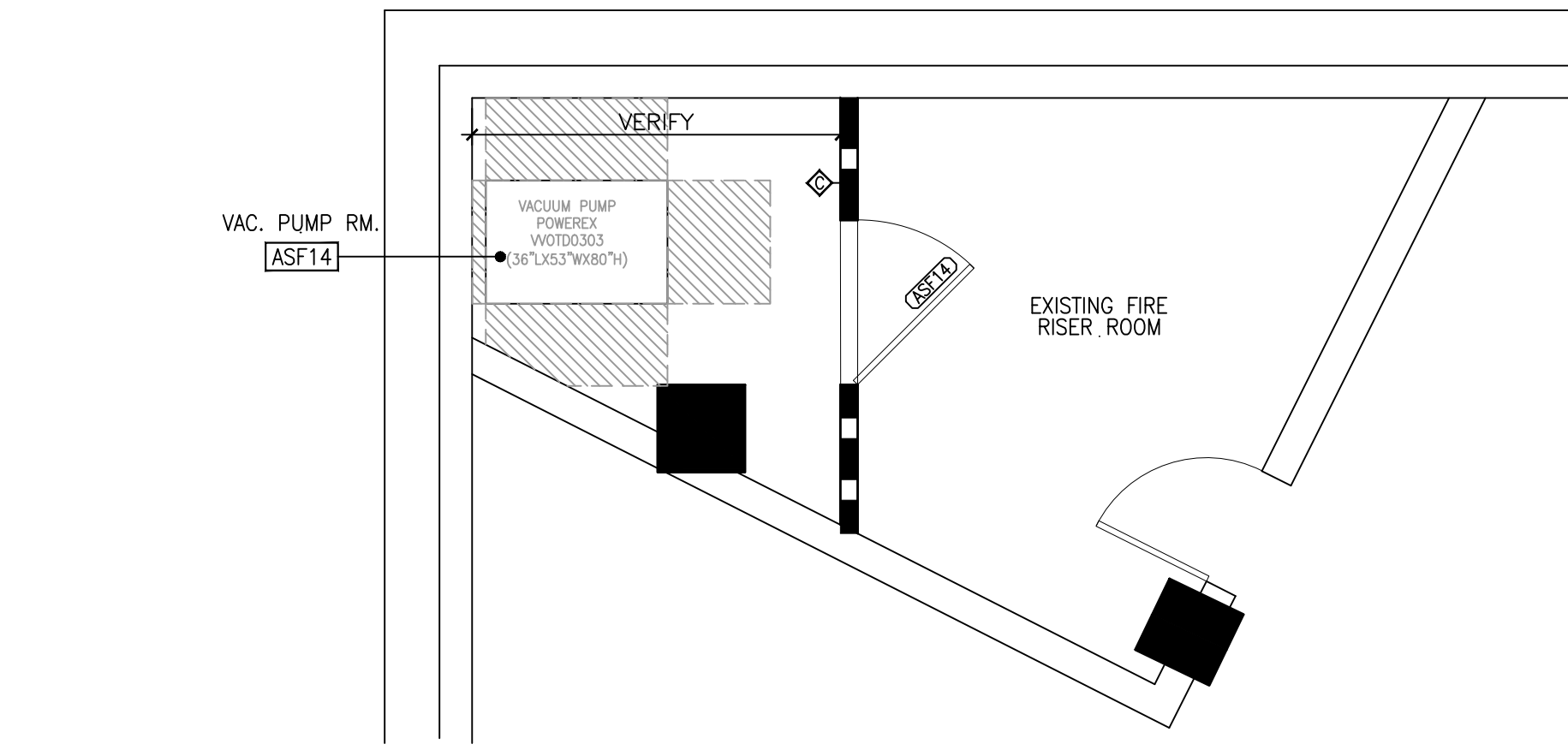
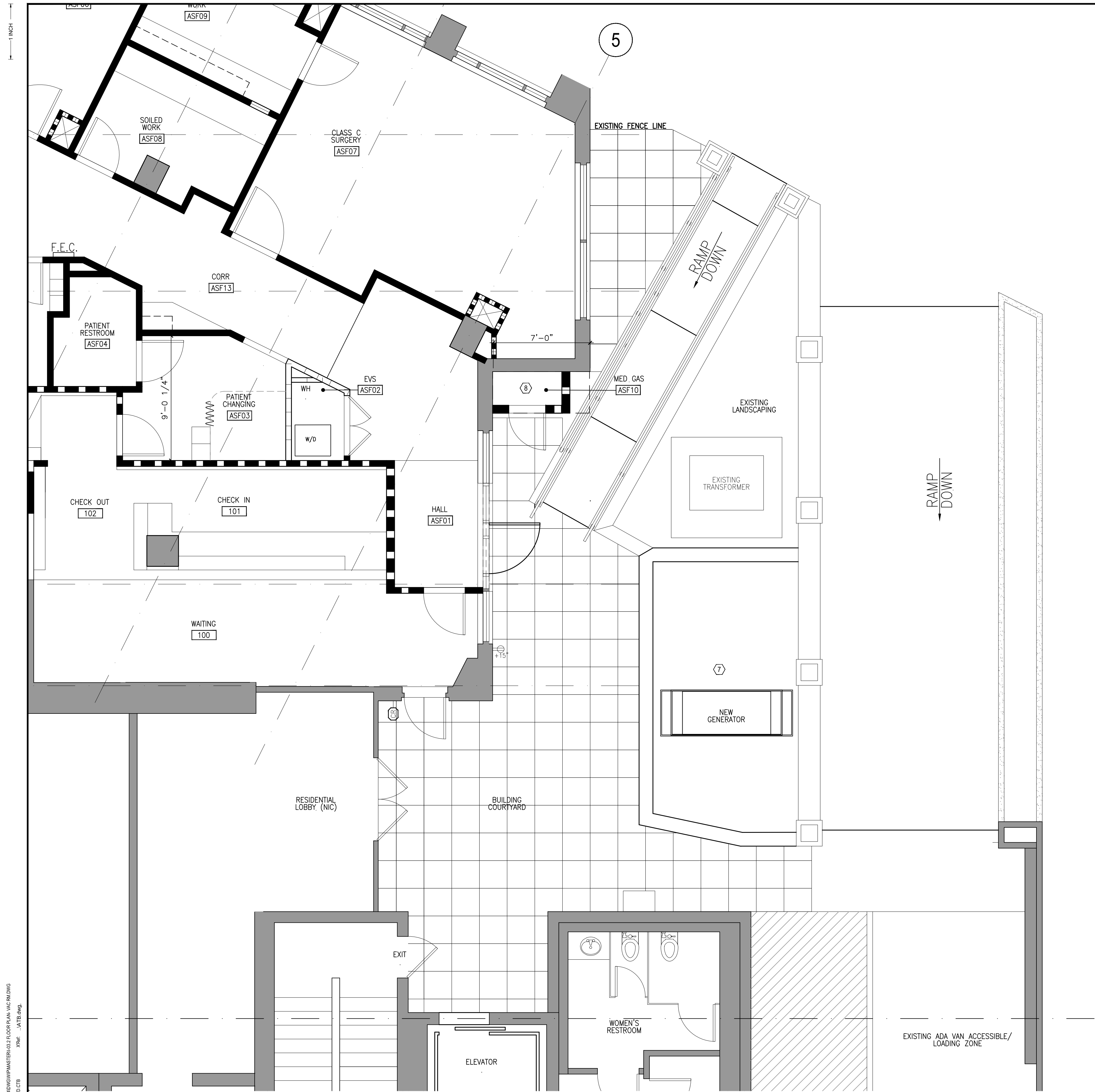
FLOOR PLAN

I-03.1

FLOOR PLAN
SCALE: 1/4"=1'-0"

SEE SHEET I-03.0 FOR NOTES, KEYNOTES, AND SYMBOLS

Author: ERMA/SHULE
 Date/Time: 01/10/2023 11:57 AM
 Dwg: L:\2022\22-0394\22-0394\MASTER\03.1 FLOOR PLAN.DWG
 Per: JPC
 XRef: JATB.dwg



VACUUM PUMP RM. PLAN - GARAGE LEVEL P1
SCALE: 1/4"=1'-0"

COURTYARD PLAN
SCALE: 1/4"=1'-0"

REFER TO SHEET I-03.0 FOR NOTES, KEYNOTES AND SYMBOLS.

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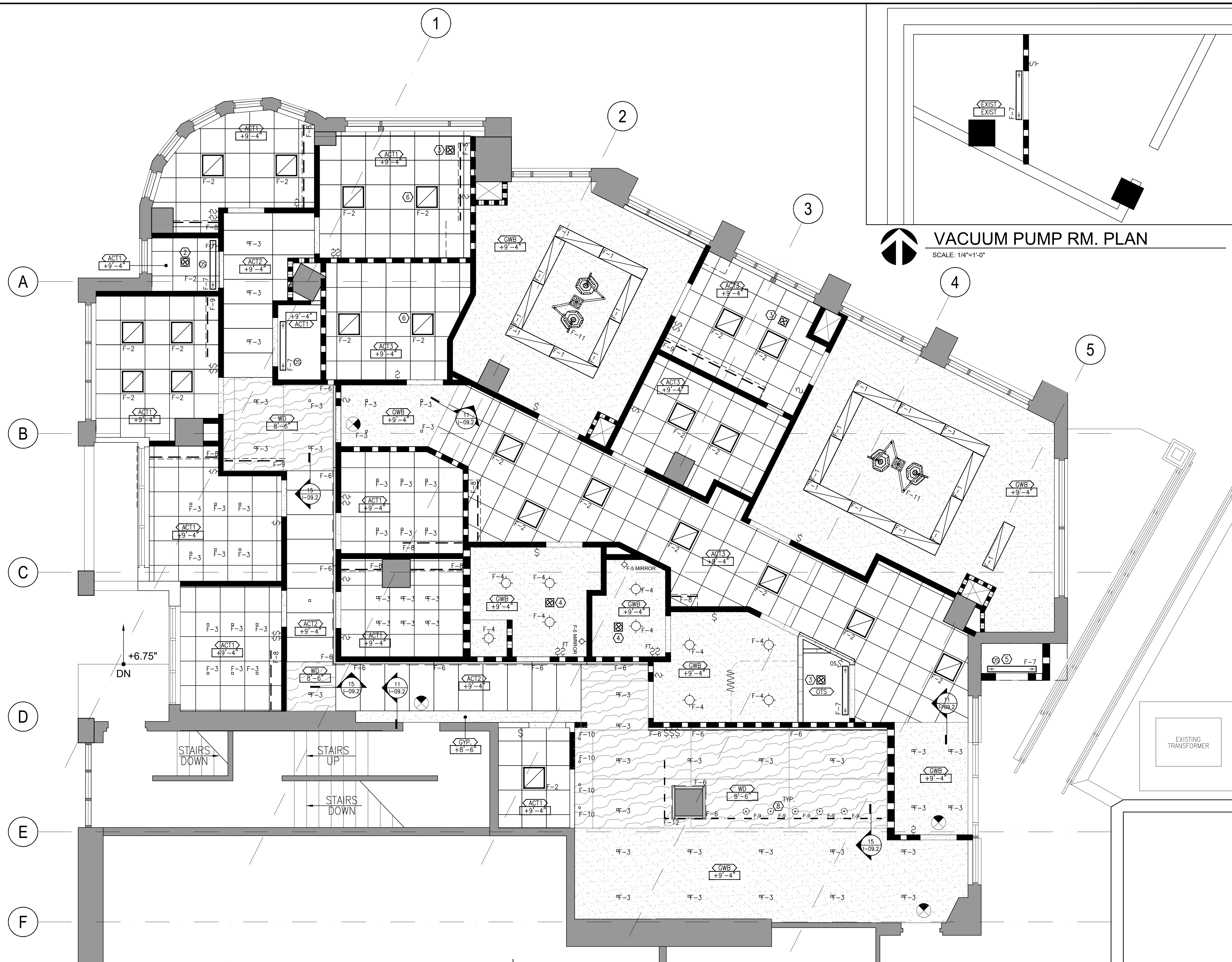
JURISDICTION STAMP

FLOOR PLAN VAC. RM. AND COURTYARD

I-03.2

Dwg: L:\02022\05\REV\WIP\MASTER\I-03.2 FLOOR PLAN VAC BUILDING
 Per: JPC
 Date: 06/15/23 10:23 AM

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 Per: JPC
 Date: 01/20/23 10:22 AM
 Author: ERMA/SENKLE
 DwgType: JPC/STB/CTB
 XRef: JATB.rvt



VACUUM PUMP RM. PLAN
SCALE: 1/4"=1'-0"

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JURISDICTION STAMP

REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

SEE SHEET I-04.0 FOR NOTES, KEYNOTES, AND SYMBOLS

REFLECTED CEILING PLAN

I-04.1

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1 INCH

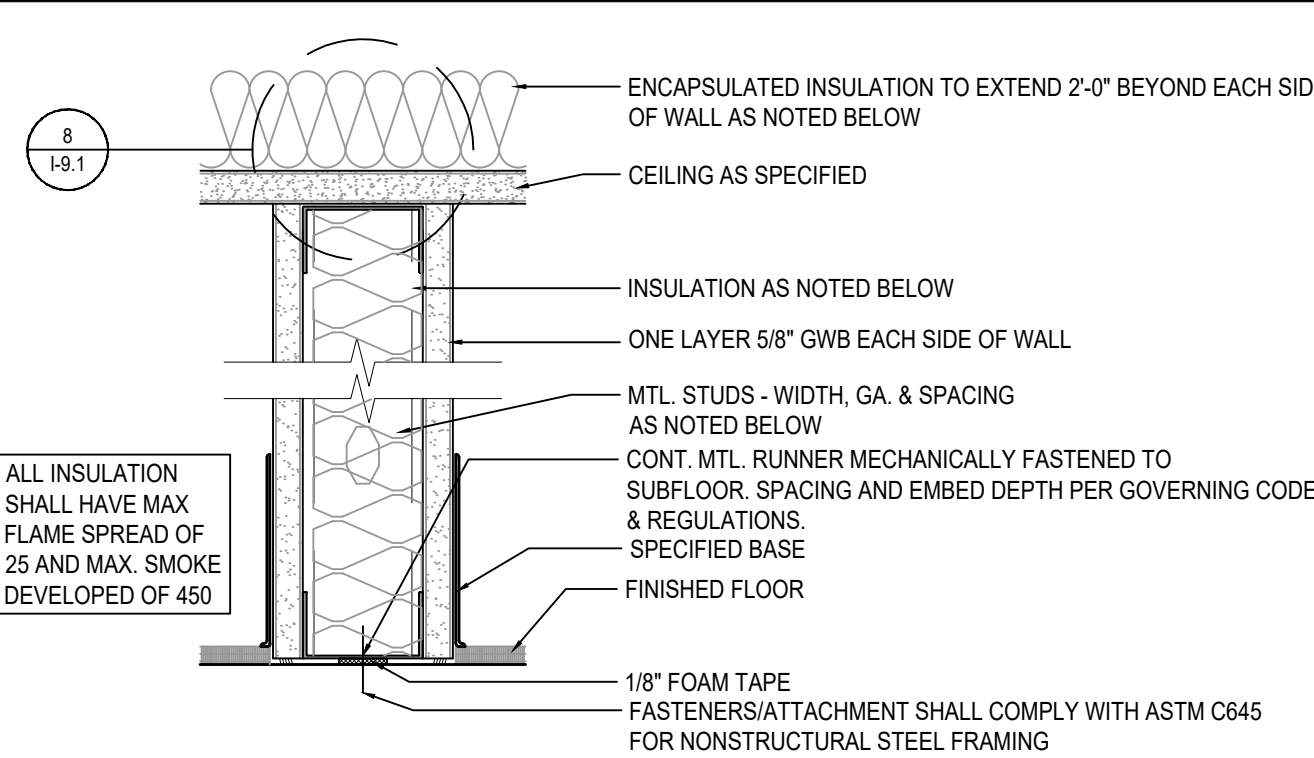
NON-BEARING METAL FRAMING NOTES

- INCLUDES NON-LOAD BEARING STEEL FRAMING SYSTEMS FOR INTERIOR GYPSUM BOARD ASSEMBLIES. UTILIZING BRANDS AS AVAILABLE THROUGH THE UL NUMBERS SPECIFIED.
- INCLUDES SUSPENSION SYSTEMS FOR INTERIOR GYPSUM BOARD CEILINGS AND SOFFITS. PRODUCTS
- FIRE TEST RESPONSE CHARACTERISTICS SHALL CONFORM TO THE GA-600 OR UL NUMBERS SPECIFIED.
- PROVIDE MATERIALS COMPLIANT WITH ASTM E 119.
- STC RATED ASSEMBLIES SHALL BE SUPPLIED IN ACCORDANCE WITH ASTM E90 AND ASTM E413 AS CONFIRMED BY INDEPENDENT TESTING AGENCIES GA-600 OR UL.
- FRAMING MEMBERS SHALL COMPLY WITH AISI 220.
- STEEL STUDS AND RUNNERS SHALL COMPLY WITH ASTM AISI 220.
- STUD DEPTH, WIDTH, AND SPACING SHALL COMPLY WITH THE LIMITING HEIGHTS BASED ON THE ICC-ES AC208-2012 AND SHALL ALSO BE COORDINATED THROUGH THE GC TO INCLUDE ANY INSULATION, PLUMBING, DUCTS, PIPES, STRUCTURAL STEEL, OR EQUIPMENT TO BE CONTAINED WITHIN THE WALLS. WALL HEIGHTS ARE BASED ON ALLOWABLE DEFLECTION OF L/240 OF THE WALL HEIGHT BASED ON A HORIZONTAL LOADING OF 5 LBS/SF UNLESS NOTED OTHERWISE BY THE STRUCTURAL ENGINEER.
- PROVIDE SLIP-TYPE HEAD JOINTS WITH A CLIP SYSTEM

- DESIGNED FOR USE IN HEAD-OF-WALL DEFLECTION CONDITIONS THAT PROVIDE A POSITIVE ATTACHMENT OF STUDS TO RUNNERS WHILE ALLOWING A 1 3/4" - 3" MINIMAL VERTICAL MOVEMENT PER AISI 220.
- PROVIDE FIRESTOP TRACKS AT RATED WALLS WHERE THE TOP RUNNER IS MANUFACTURED TO ALLOW PARTITIONS TO EXPAND AND CONTRACT WITH MOVEMENT OF STRUCTURE WHILE MAINTAINING CONTINUITY OF FIRE RESISTANCE RATED ASSEMBLY INDICATED IN THICKNESS NOT LESS THAN THAT FOR STUDS AND IN WIDTH TO ACCOMMODATE DEPTH OF STUDS.
- ALL STEEL UTILIZED IN FRAMING TO COMPLY WITH ASTM C645 WITH MINIMUM SIZE AND DIMENSION.
- INSTALLATION, FRAMING, SIZING, CONNECTIONS, AND FASTENERS SHALL MEET WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS AND COMPLY WITH ALL LOCAL AHJ RESTRICTIONS.
- WALLS ARE TO RECEIVE MINIMUM 1/2" GWB TYPE X OR TYPE C BOTH SIDES.
- ANY SUSPENSION SYSTEM SHALL CONFORM TO GA600/UL TESTED ASSEMBLY.
- HANGER ATTACHMENTS TO CONCRETE SHALL COMPLY WITH ICC-ES AC193 AND AC1318 FOR EXPANSION ANCHORS AS DETERMINED BY TESTING PER ASTM E 488/ASTM E488 M. POWER ACTUATED ANCHORS SHALL CONFORM TO ALLOWABLE LOAD CAPACITIES PER ICC-ES AC70, GREATER THAN OR EQUAL TO THE DESIGN LOAD PER ASTM E 1190 AND AS TESTED BY AN QUALIFIED TESTING AGENCY.

- COORDINATION WITH SFRM - BEFORE SFRM IS APPLIED ENSURE ANY ANCHOR PLATES OR CEILING RUNNERS ARE ATTACHED.
- INSTALLATION STANDARDS FOR FRAMING
- INSTALLATION ARE:
 - STEEL FRAMING = ASTM C 754
 - GYPSUM PLASTER ASSEMBLIES = ASTM C841
 - PORTLAND CEMENT PLASTER ASSEMBLIES = ASTM C1063
 - GYPSUM VENEER PLASTER ASSEMBLIES = ASTM C844
 - GYPSUM BOARD ASSEMBLIES = ASTM C840
- WALL TYPES ARE BASED ON 5 PSF LATERAL LOAD.
- WALL TYPES TO BE USED FOR NON-BEARING NON-STRUCTURAL STUD WALLS ONLY.
- MATERIAL GAUGES ARE FOR REFERENCE ONLY.
- WHERE GWB DOES NOT EXTEND TO TOP OF STUDS USE LIMITING WALL HEIGHTS FOR NON COMPOSITE WALLS AND PROVIDE MECHANICAL BRACING OF STUD FLANGES PER SSMA STANDARDS.
- INSTALL ALL MATERIALS IN ACCORDANCE WITH ASSEMBLY CITED IN GA600 OR UL.

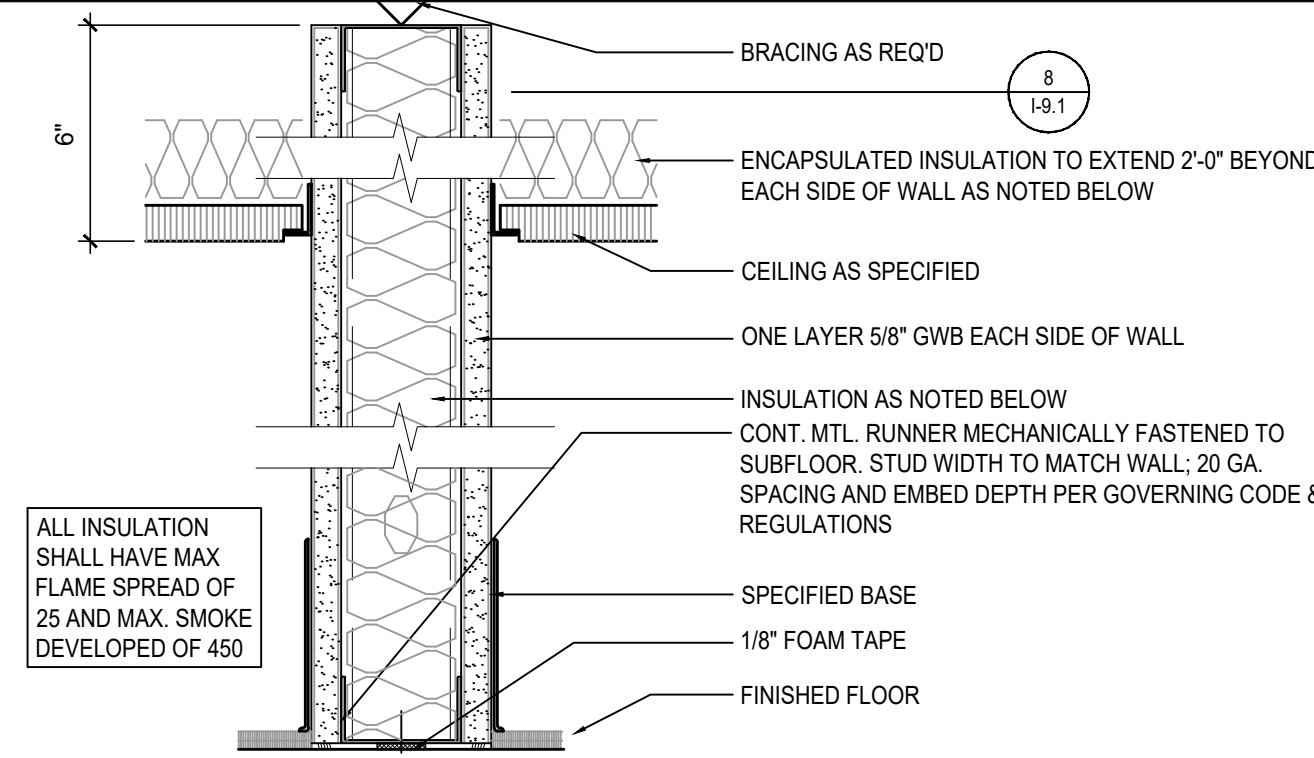
WALL TYPE	COMMENTS	ABBREVIATIONS
AHJ	AUTHORITIES HAVING JURISDICTION	
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	
BASE	BASE CONDITION VARIES, SEE SECTIONS	
CJ	CONTINUOUS INSULATION, R10 MIN	
FR	FIRE RESISTIVE CONSTRUCTION PER UL	
GA 600	GYPSUM ASSOCIATION'S FIRE RESISTANCE MANUAL	
GW	ALL GYPSUM BOARD IS TYPE 'X' OR TYPE 'C'	
HEAD	HEAD CONDITION VARIES, SEE SECTIONS	
ICC-ES	INTERNATIONAL CODE COUNCIL/EVALUATION SERVICES	
REPORT	MATCH EXISTING WALL MATERIALS, FIRE RATING, FINISH.	
INFILL		
ETC.		
MLH	MANUFACTURER'S LIMITING HEIGHTS	
RW	ROCKWOOL INSULATION	
SB	SOUND BATT INSULATION	
SFRM	SPRAY-APPLIED FIRE RESISTANT MATERIAL	
SSMA	STEEL STUDS MANUFACTURERS OF AMERICA	
UL	UNDERWRITERS LABORATORY	



WALL TYPE	WALL HT.	STUD SIZE	STUD THICKNESS	STUD SPACING	WALL THICKNESS	INSULATION WALL	INSULATION CEILING	FIRE RATING/UL DESIGN NO.	COMMENTS
A	9'-4\"/>								

*SB-SOUND ATTENUATION BATTS (STC-45 MIN) FR-FIRE RESISTIVE

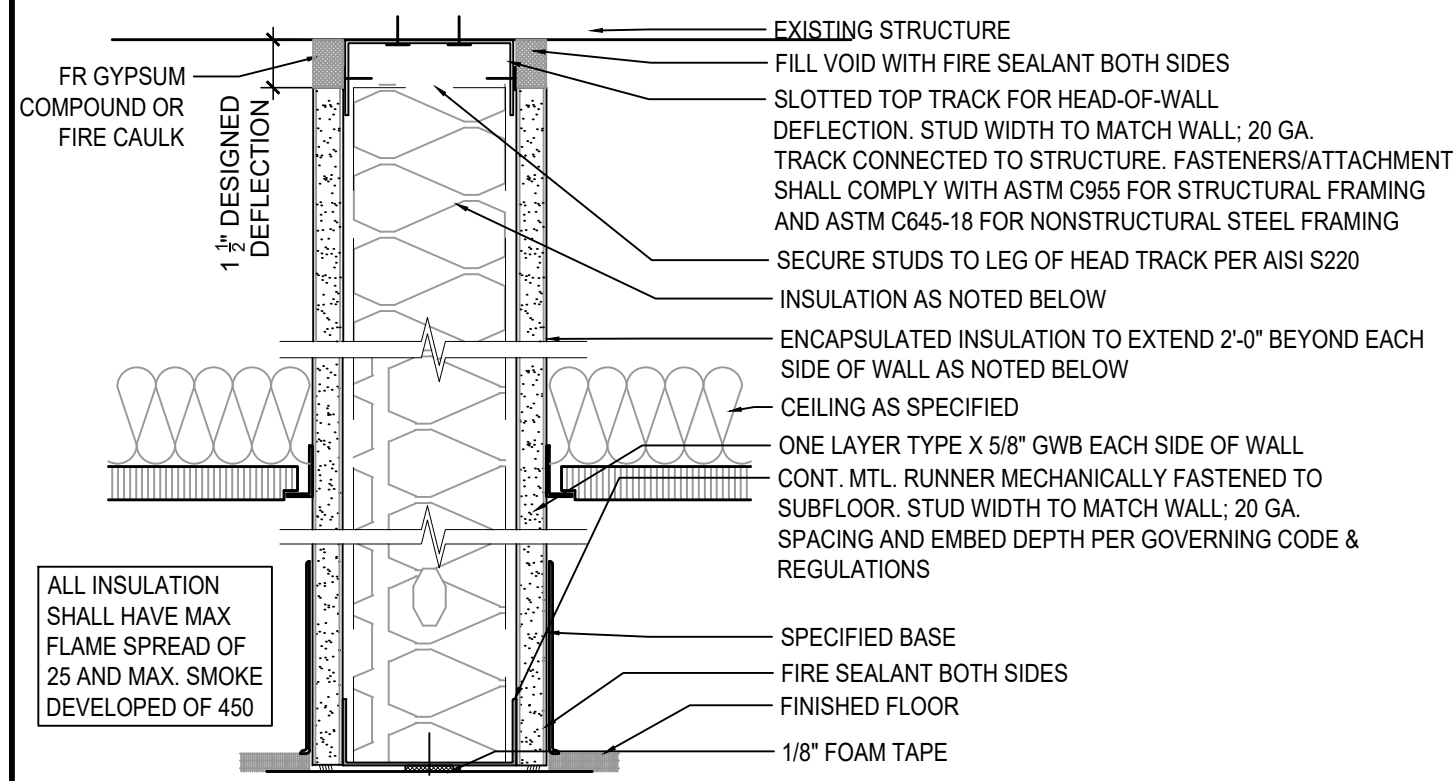
3 CEILING HEIGHT PARTITION
SCALE: 3" = 1'-0"



WALL TYPE	WALL HT.	STUD SIZE	STUD THICKNESS	STUD SPACING	WALL THICKNESS	INSULATION WALL	INSULATION CEILING	FIRE RATING/UL DESIGN NO.	COMMENTS
B	10'-0\"/>								

*SB-SOUND ATTENUATION BATTS (STC-45 MIN) FR-FIRE RESISTIVE

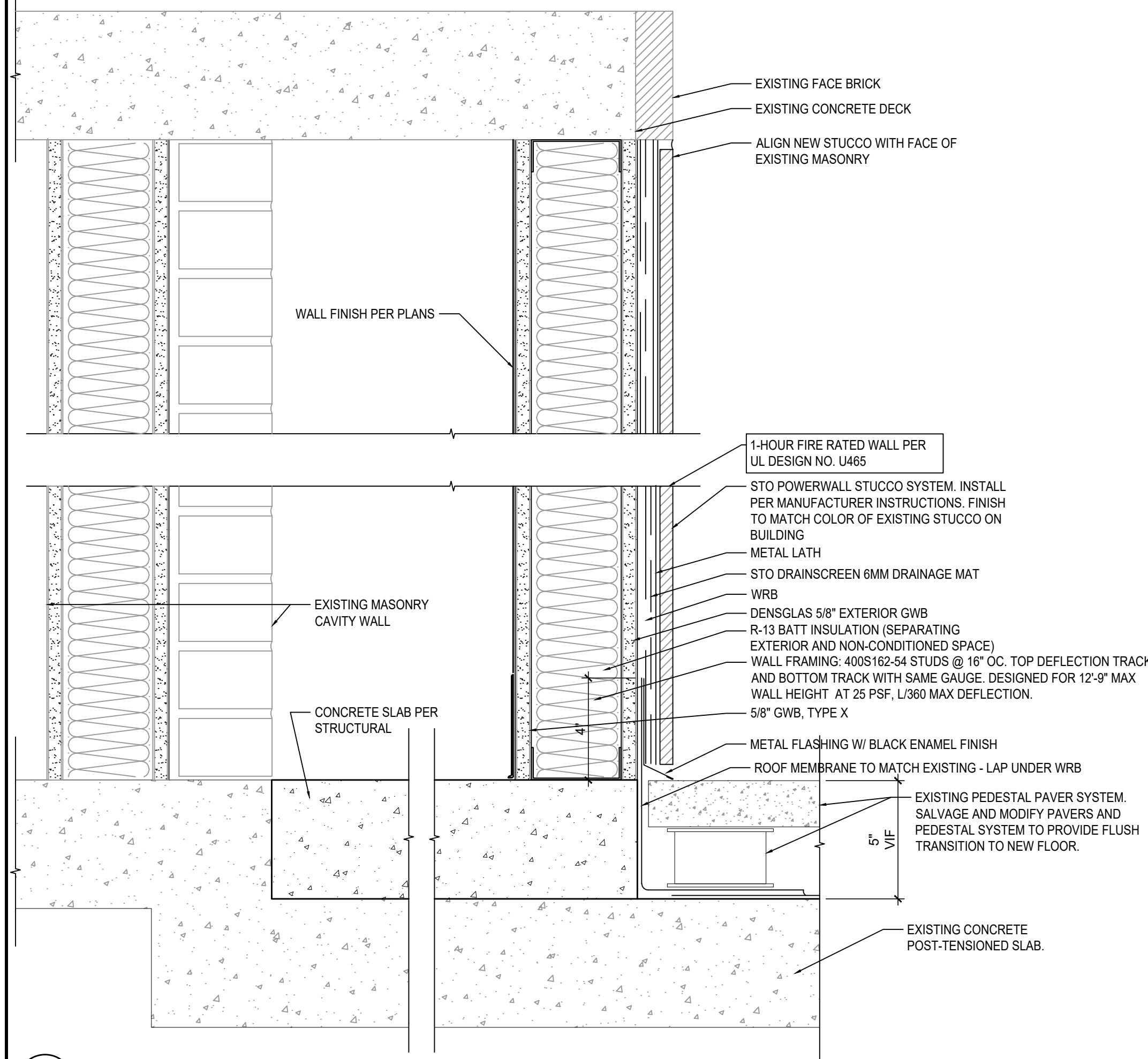
4 EXTENDED GRID HEIGHT PARTITION
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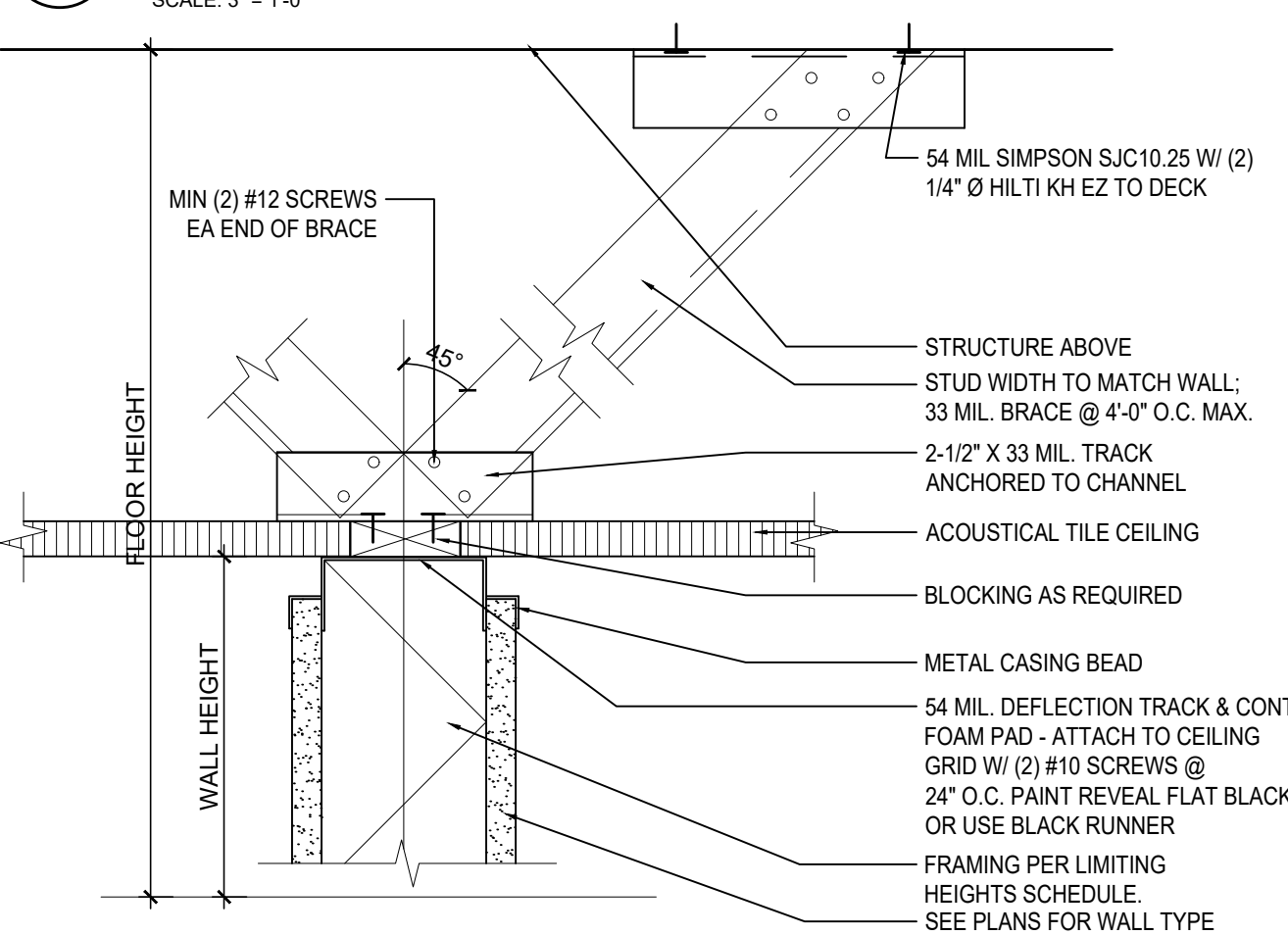
WALL TYPE	WALL HT.	STUD SIZE	STUD SPACING	WALL THICKNESS	INSULATION WALL	INSULATION CEILING	FIRE RATING/UL DESIGN NO.	COMMENTS
D	12'-8\"/>							

*SB-SOUND ATTENUATION BATTS FR-FIRE RESISTIVE

5 1 HOUR RATED FULL HEIGHT PARTITION
SCALE: 3" = 1'-0"



9 SECTION A - MEDGAS ENCLOSURE
SCALE:



8 PARTITION BRACING DETAIL
SCALE: 3" = 1'-0"

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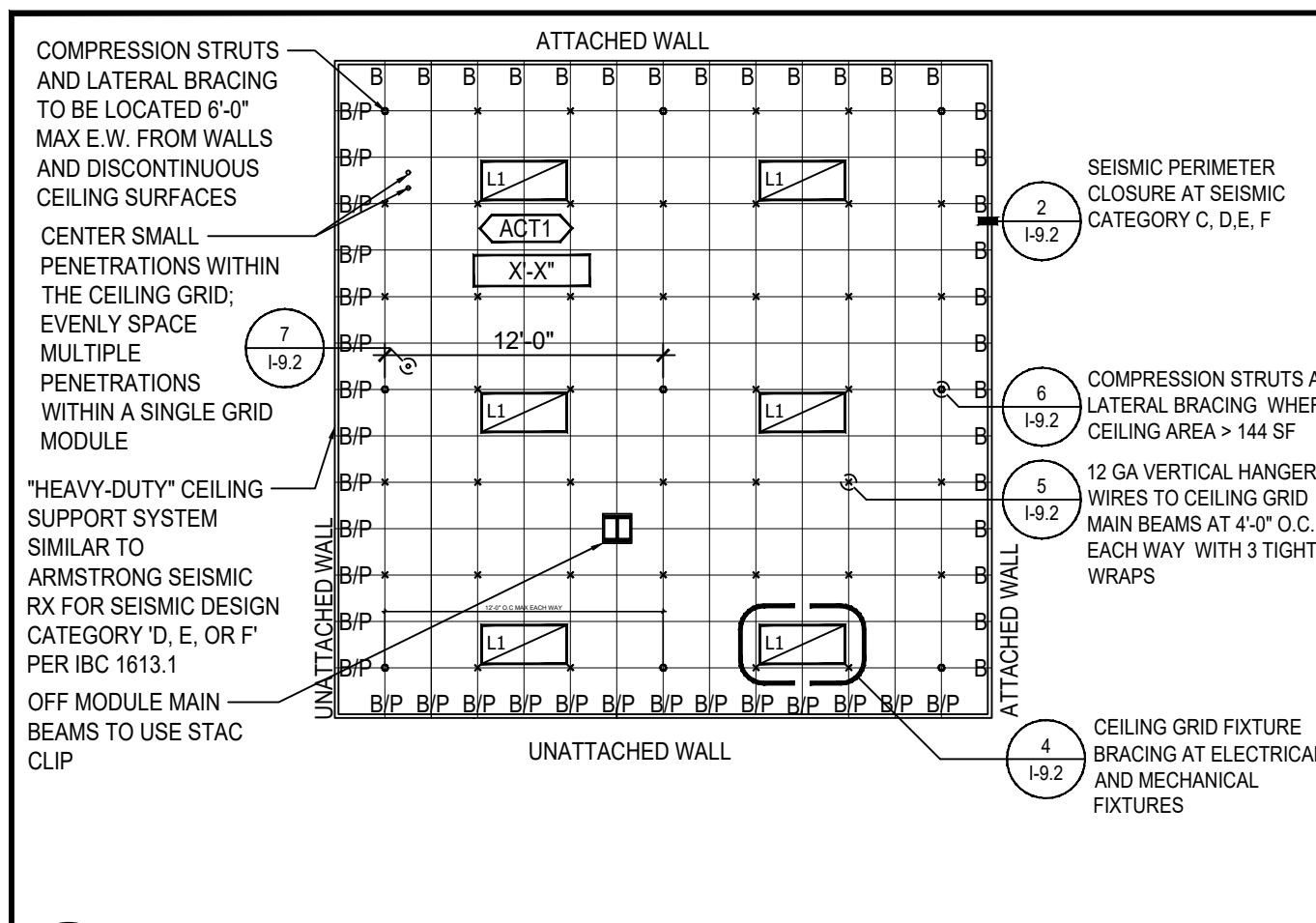
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CONSTRUCTION DETAILS

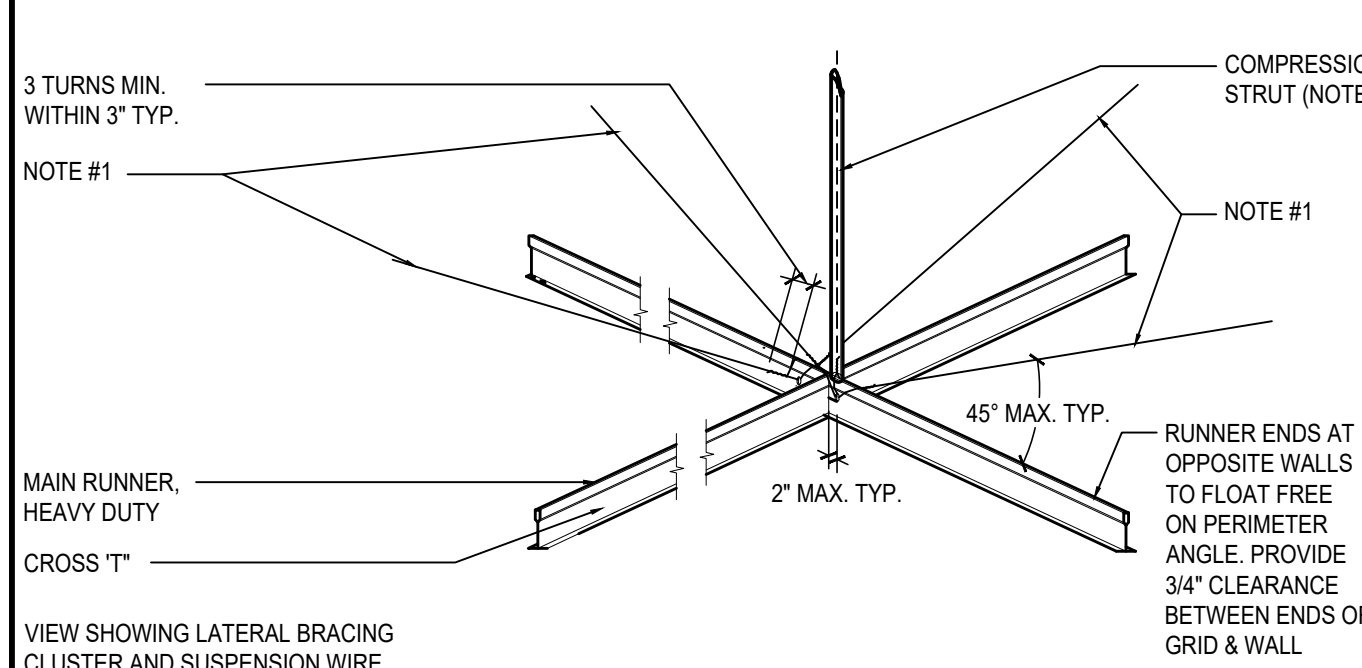
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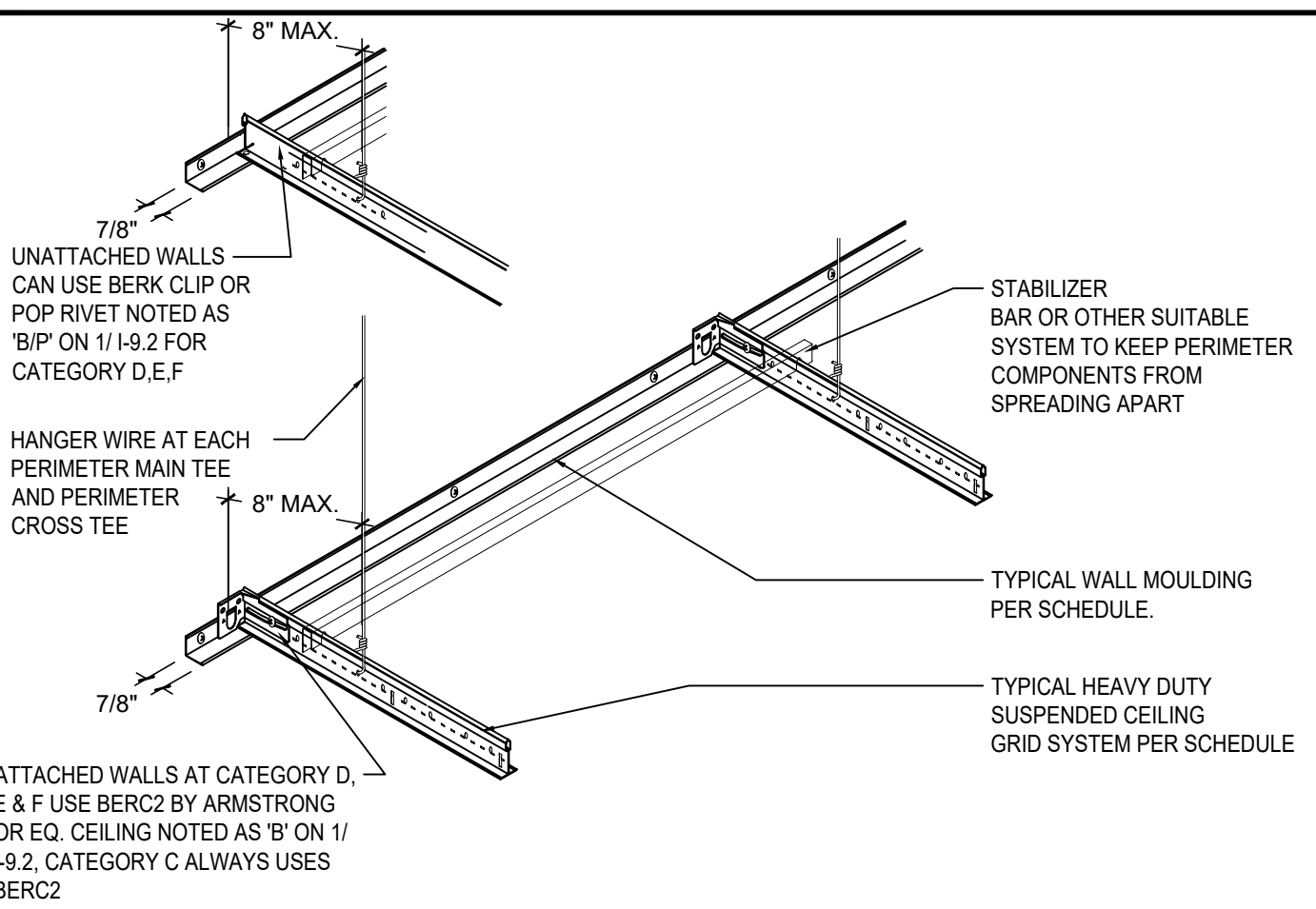


1 CEILING - APC - DIAGRAM
SCALE: 3" = 1'-0"

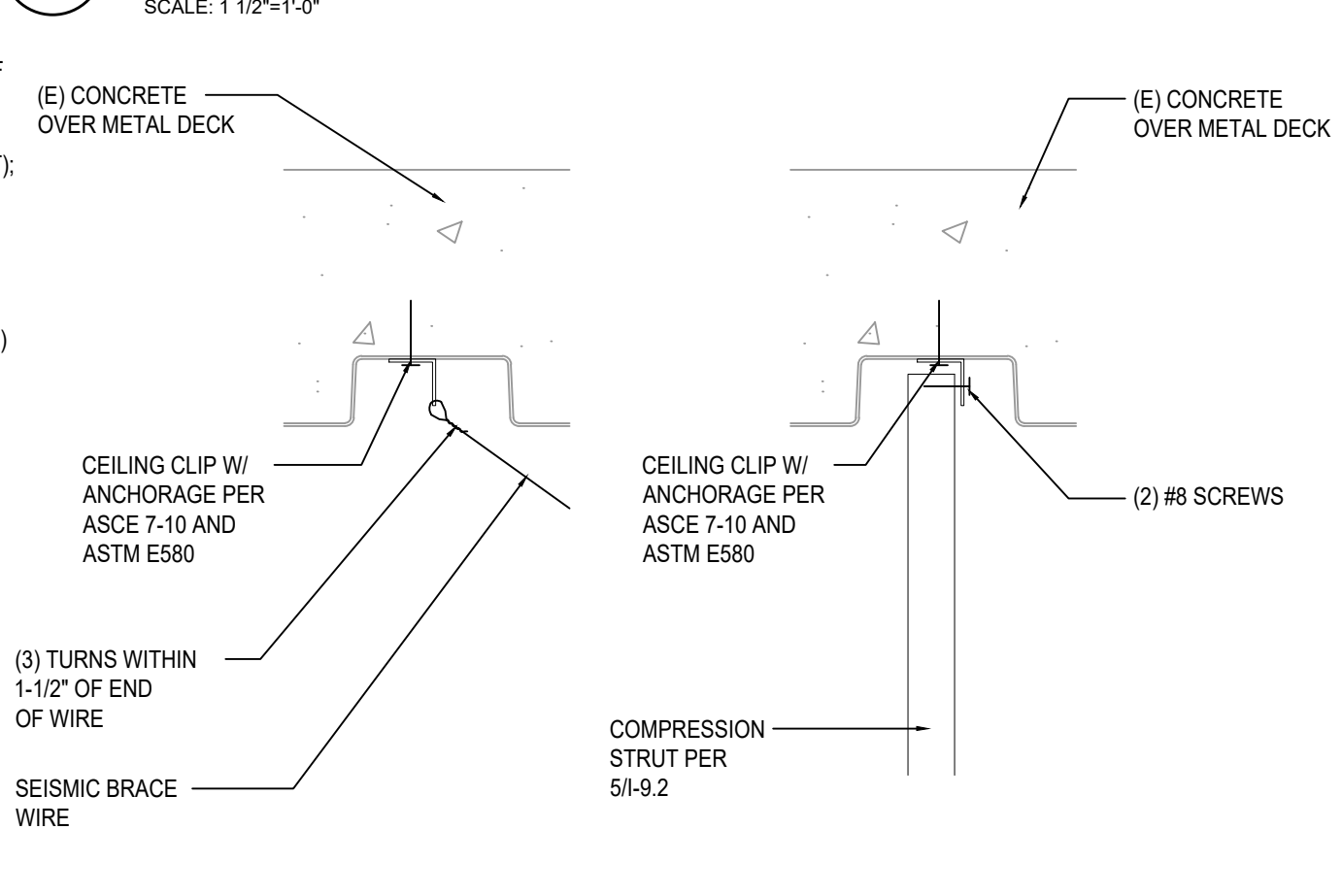
NOTES:
 1. LATERAL BRACING CLUSTER: (4) 12 GA. GALV. SOFT-ANNEALED MILD STEEL WIRES SECURED TO MAIN RUNNER WITHIN 2" OF CROSS 'T' AND SPAYED 90 DEGREES FROM EACH OTHER AT 45 DEGREES MAX. ABOVE HORIZONTAL. CLUSTERS PLACED 12'-0" O.C. MAX. AND 6'-0" MAX. FROM EACH WALL. WIRES SHOULD BE TAUT WITHOUT CAUSING CEILING TO LIFT.
 2. SUSPENSION WIRE: 12 GA. GALV. SOFT-ANNEALED MILD STEEL WIRE ENCASED IN 3/8" DIAM. CONDUIT (FOR UPLIFT RESTRAINT); SECURE WIRE TO MAIN RUNNER WITHIN 2" OF CROSS 'T'. CONDUIT TO OCCUR AT EVERY LATERAL BRACING CLUSTER AND SUSPENSION WIRES TO OCCUR AT 4'-0" O.C. MAX. EACH WAY.



5 CEILING - APC - BRACING DIAGRAM
SCALE: 3" = 1'-0"



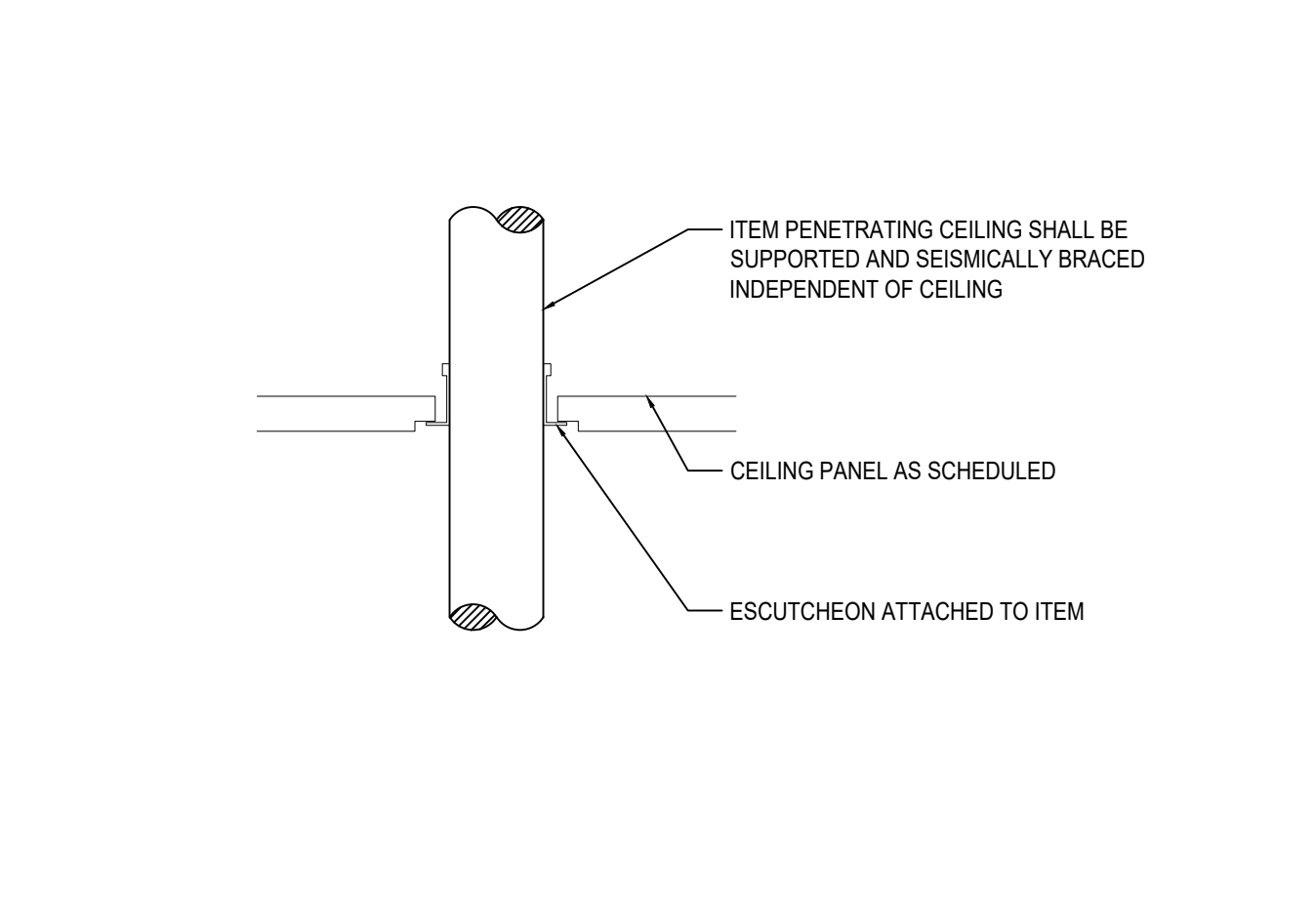
2 CEILING - APC - PERIMETER SUPPORT
SCALE: 1 1/2" = 1'-0"



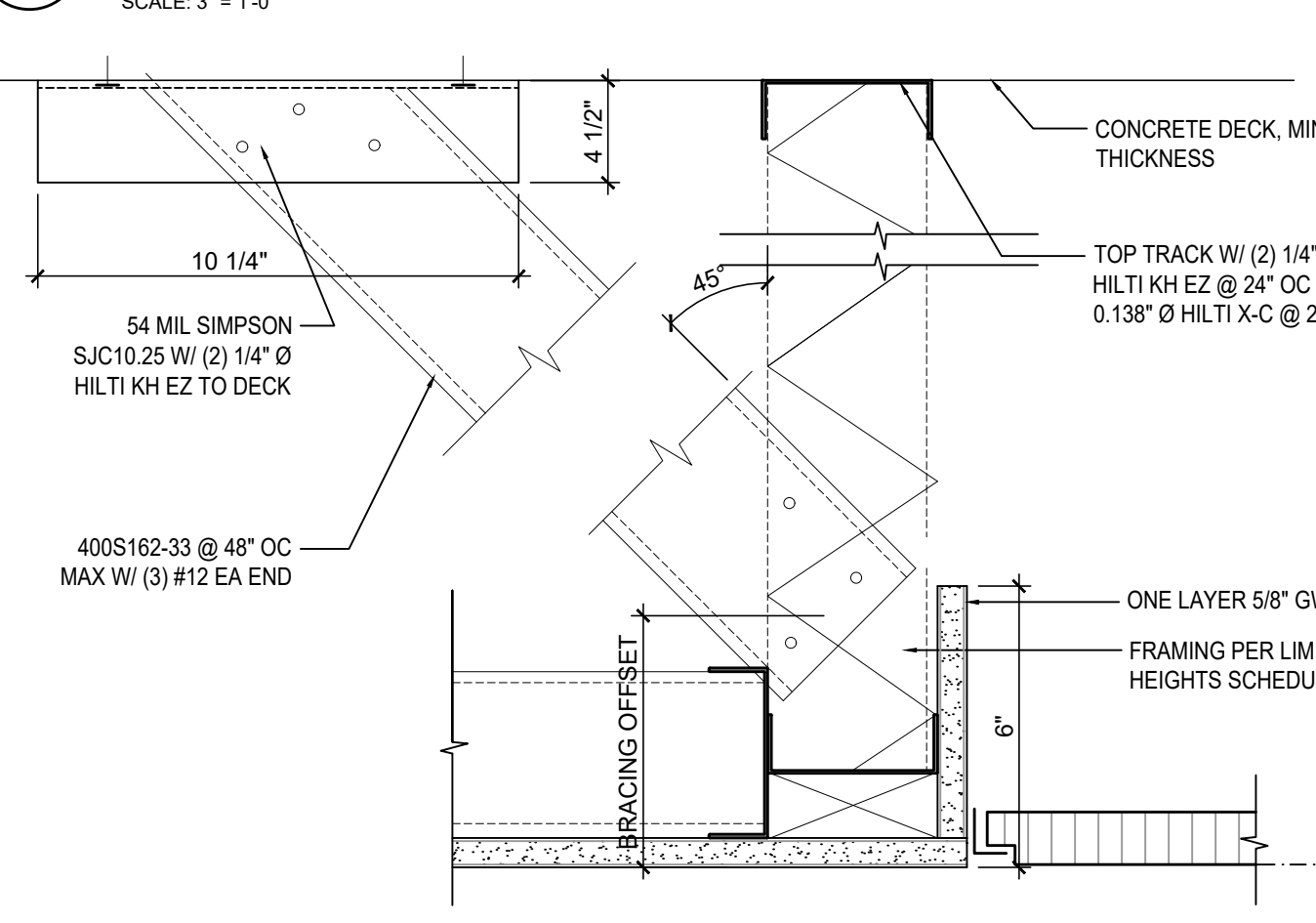
6 CEILING - APC - SEISMIC WIRE/COMP STRUT
SCALE: 3" = 1'-0"



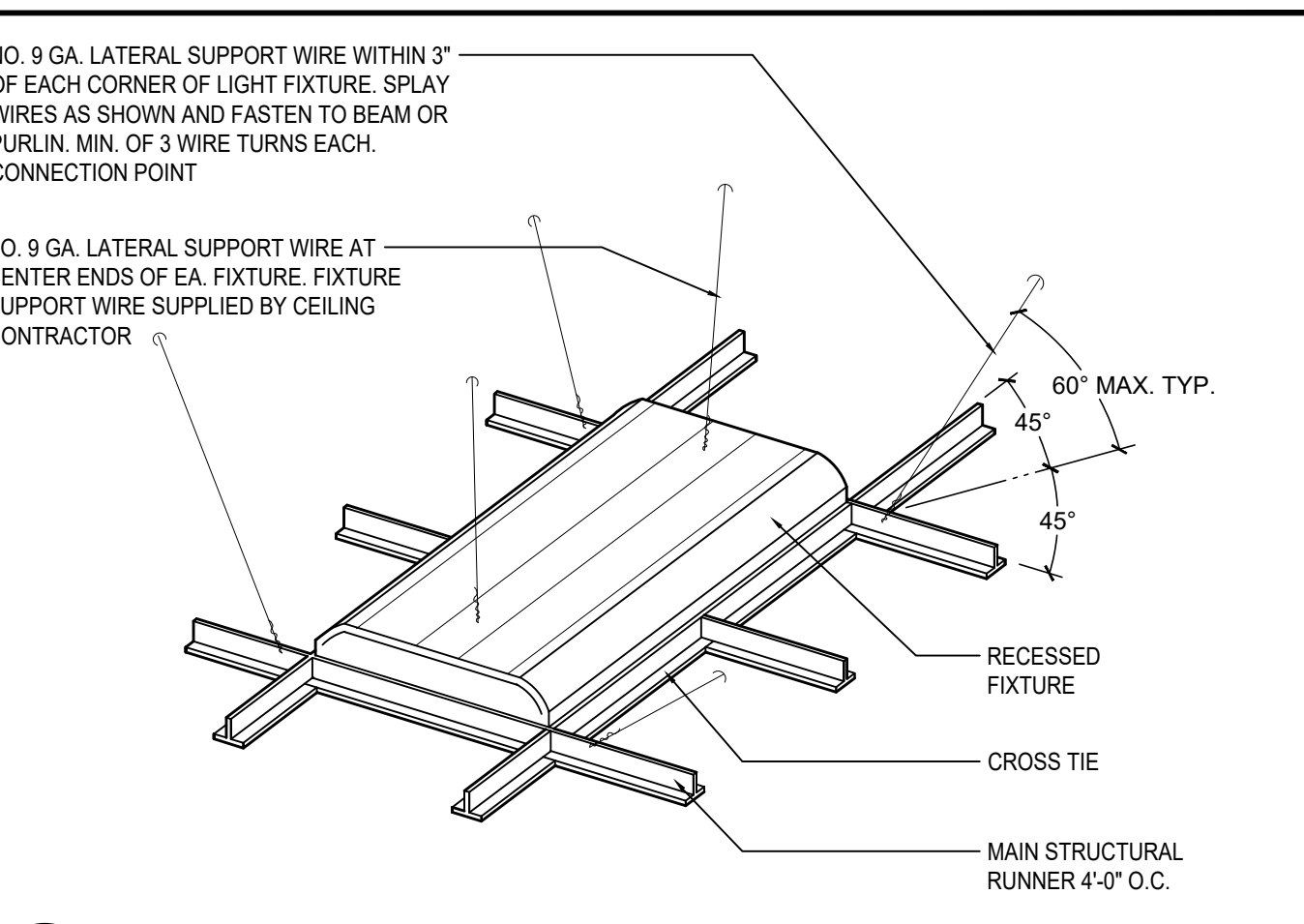
7 CEILING - APC - PENETRATION DETAIL
SCALE: 3" = 1'-0"



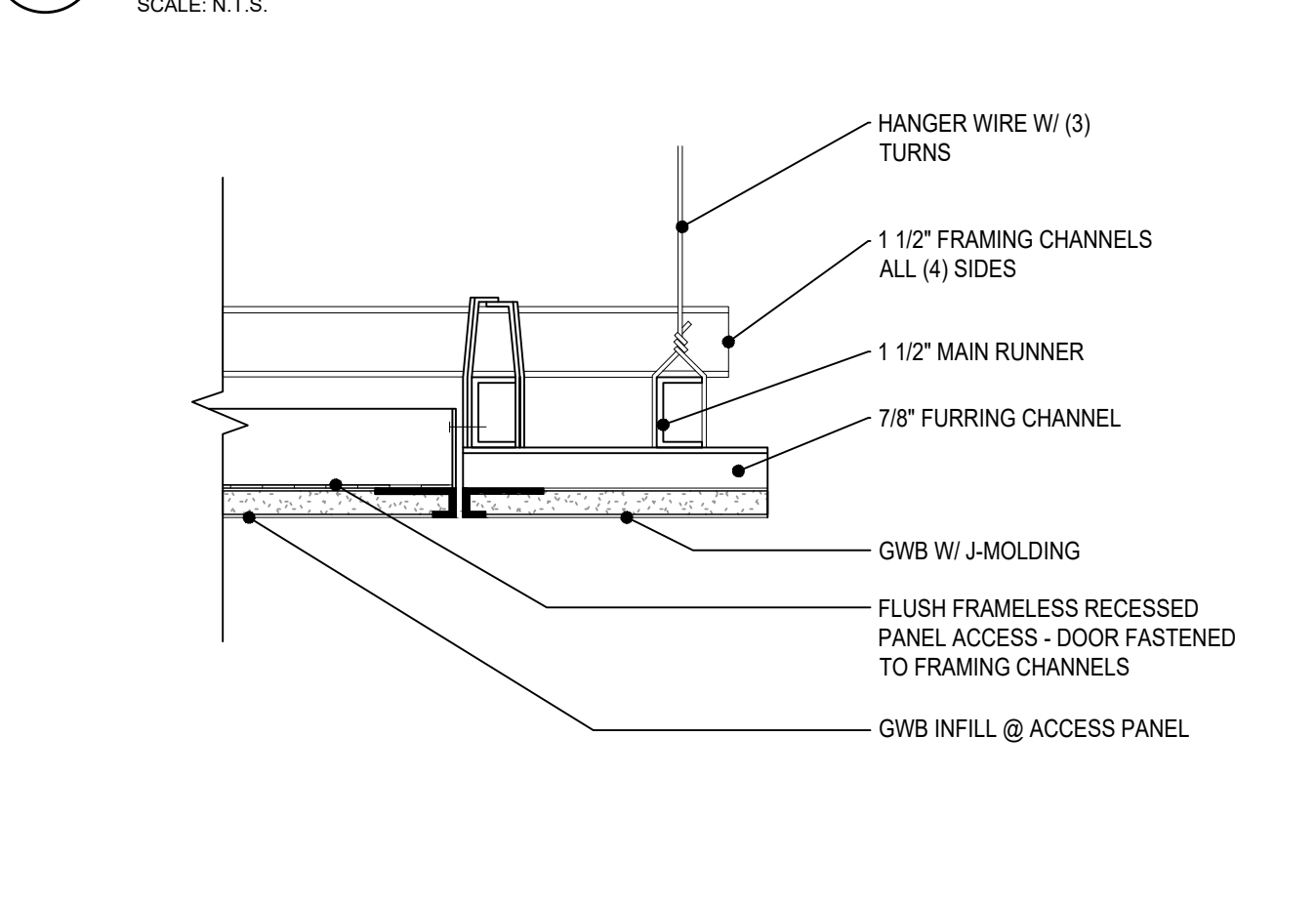
11 GWB TO ACT TRANSITION
SCALE: 3" = 1'-0"



15 WOOD CEILING TO ACT TRANSITION
SCALE: 3" = 1'-0"



4 CEILING - APC - LIGHT FIXTURE BRACING
SCALE: N.T.S.



8 CEILING - GWB - ACCESS PANEL
SCALE: 3" = 1'-0"

JPC ARCHITECTS

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 7800 SE 27th Street
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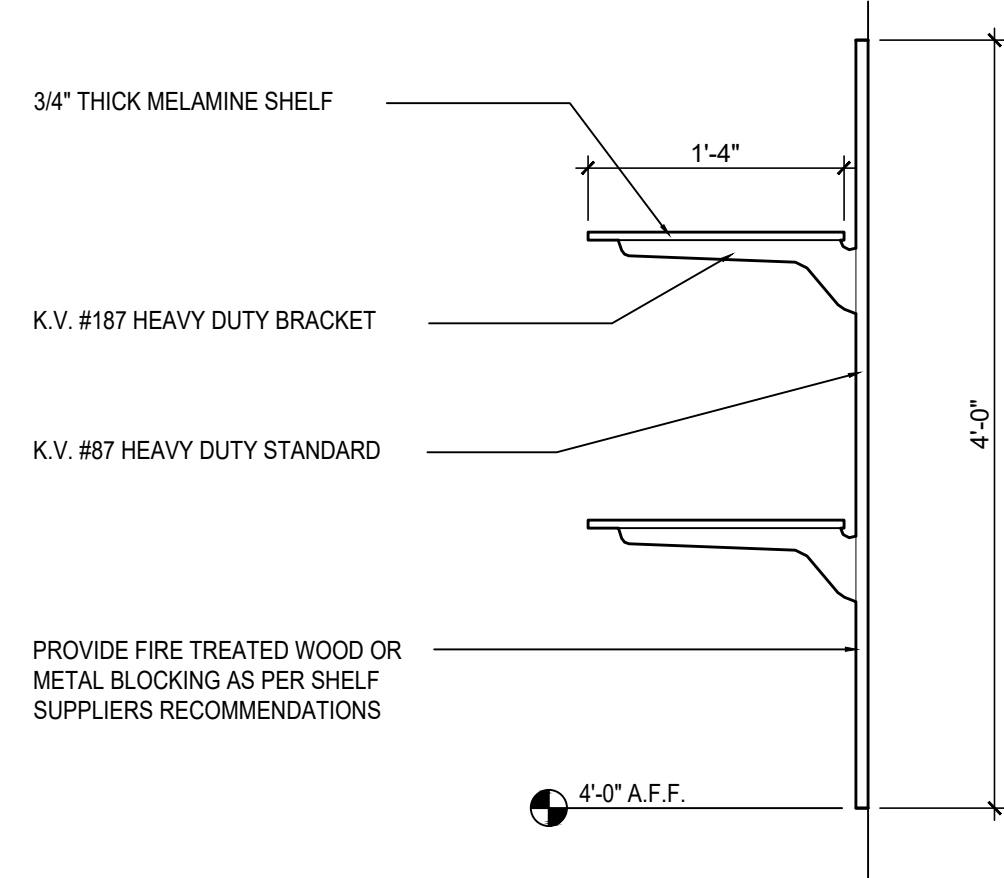
JURISDICTION STAMP

CEILING DETAILS

I-09.2

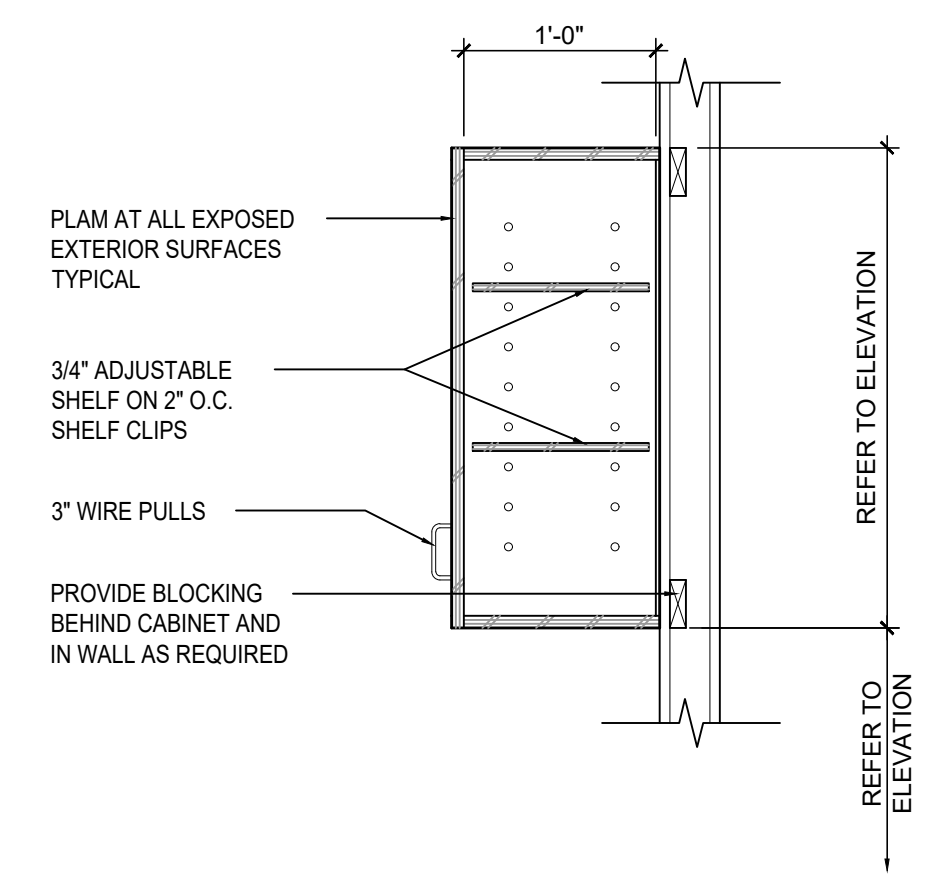
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1 INCH



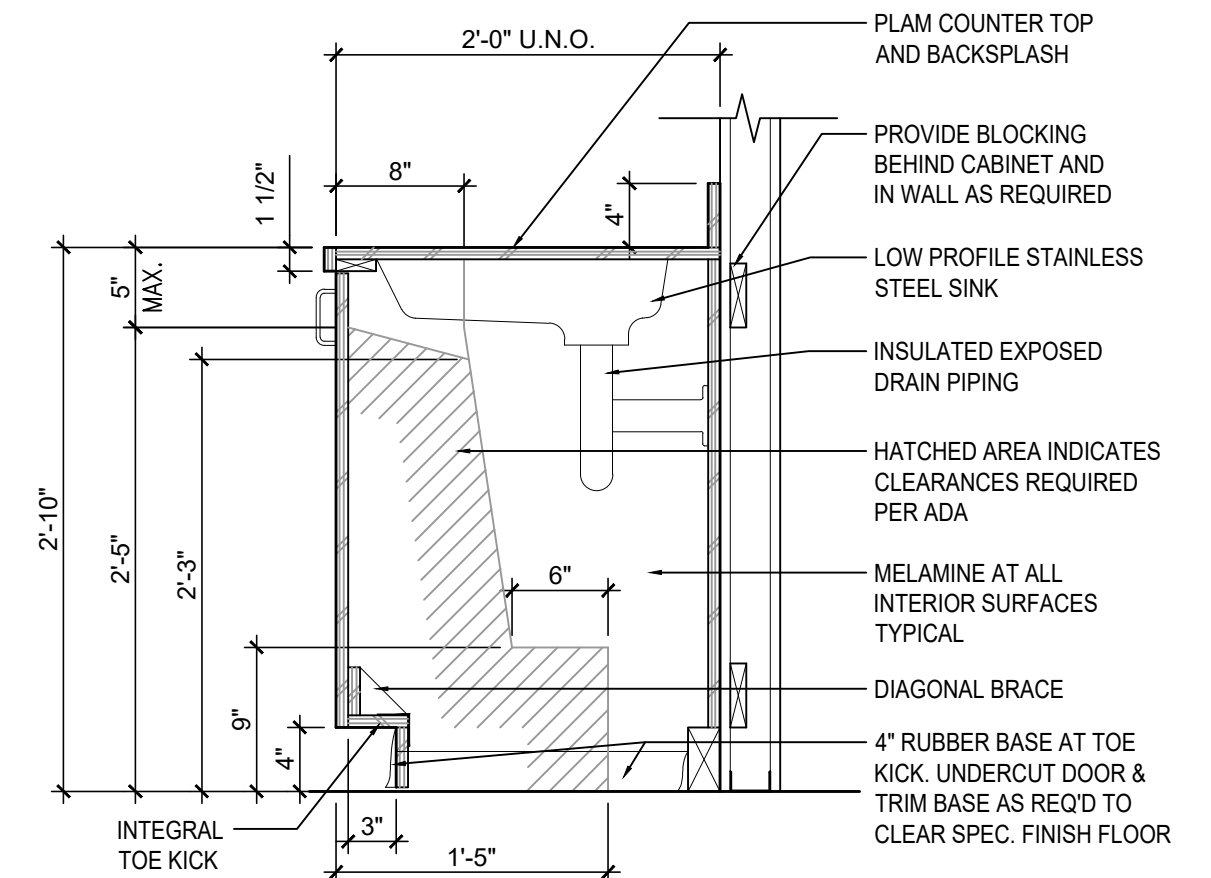
1 STANDARDS & BRACKETS

SCALE: 1"=1'-0"



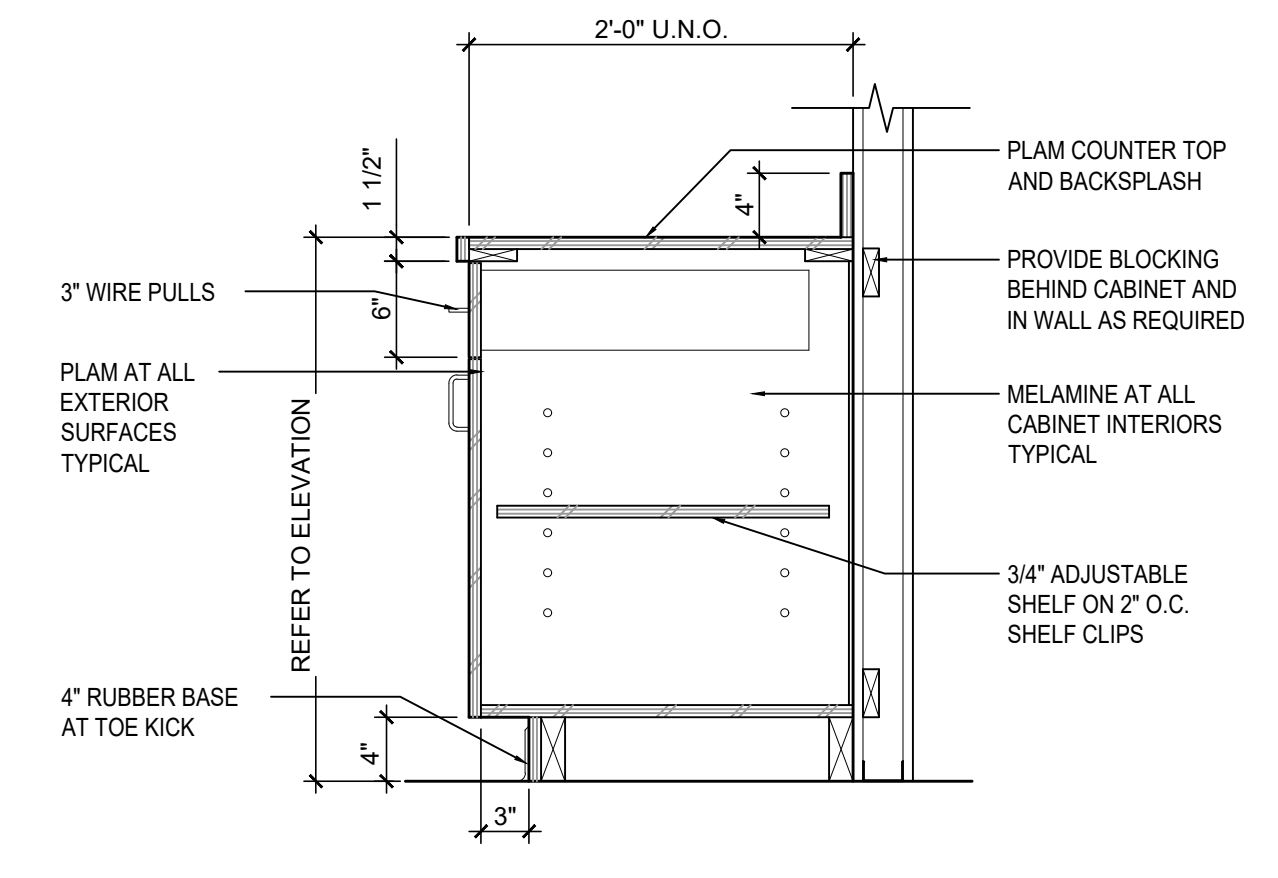
2 UPPER CABINET

Scale: 1"=1'-0"



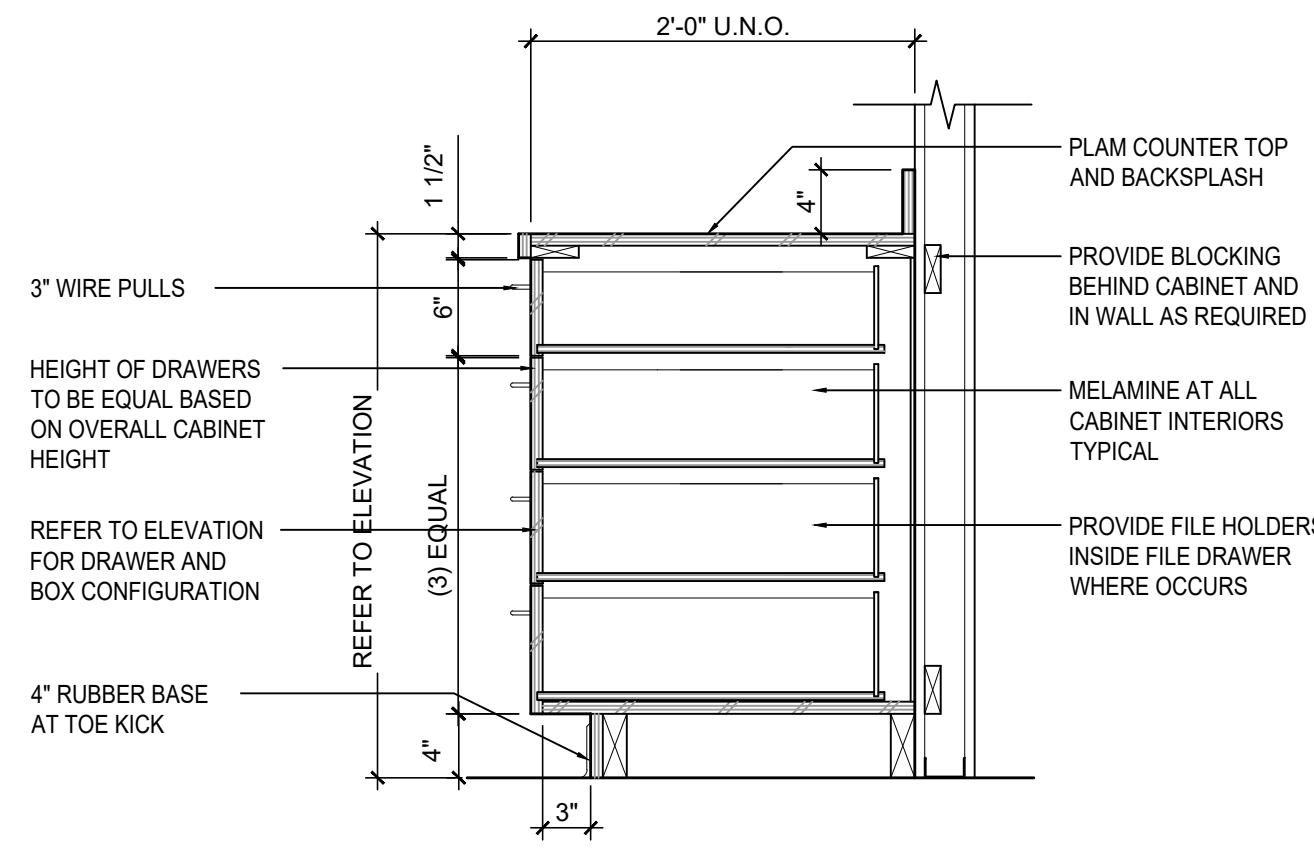
3 BASE CABINET WITH SINK, ADA FWD APPROACH

SCALE: 1"=1'-0"



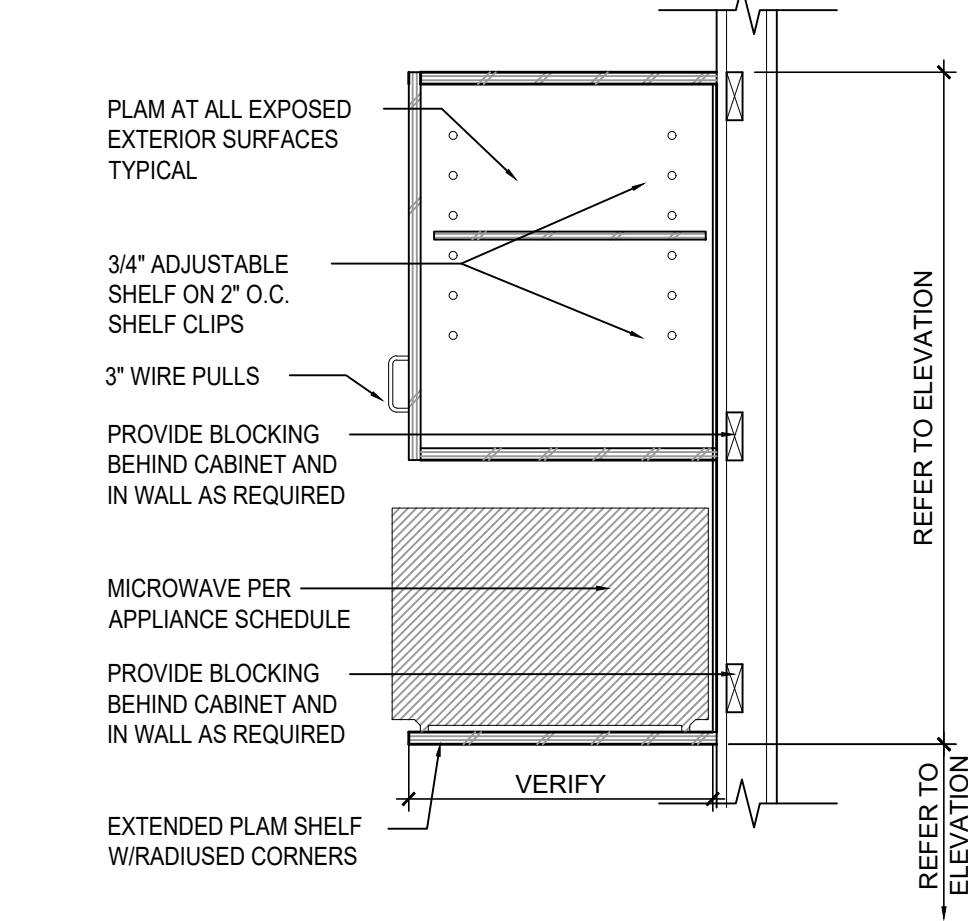
4 BASE CABINET WITH DRAWER

SCALE: 1"=1'-0"



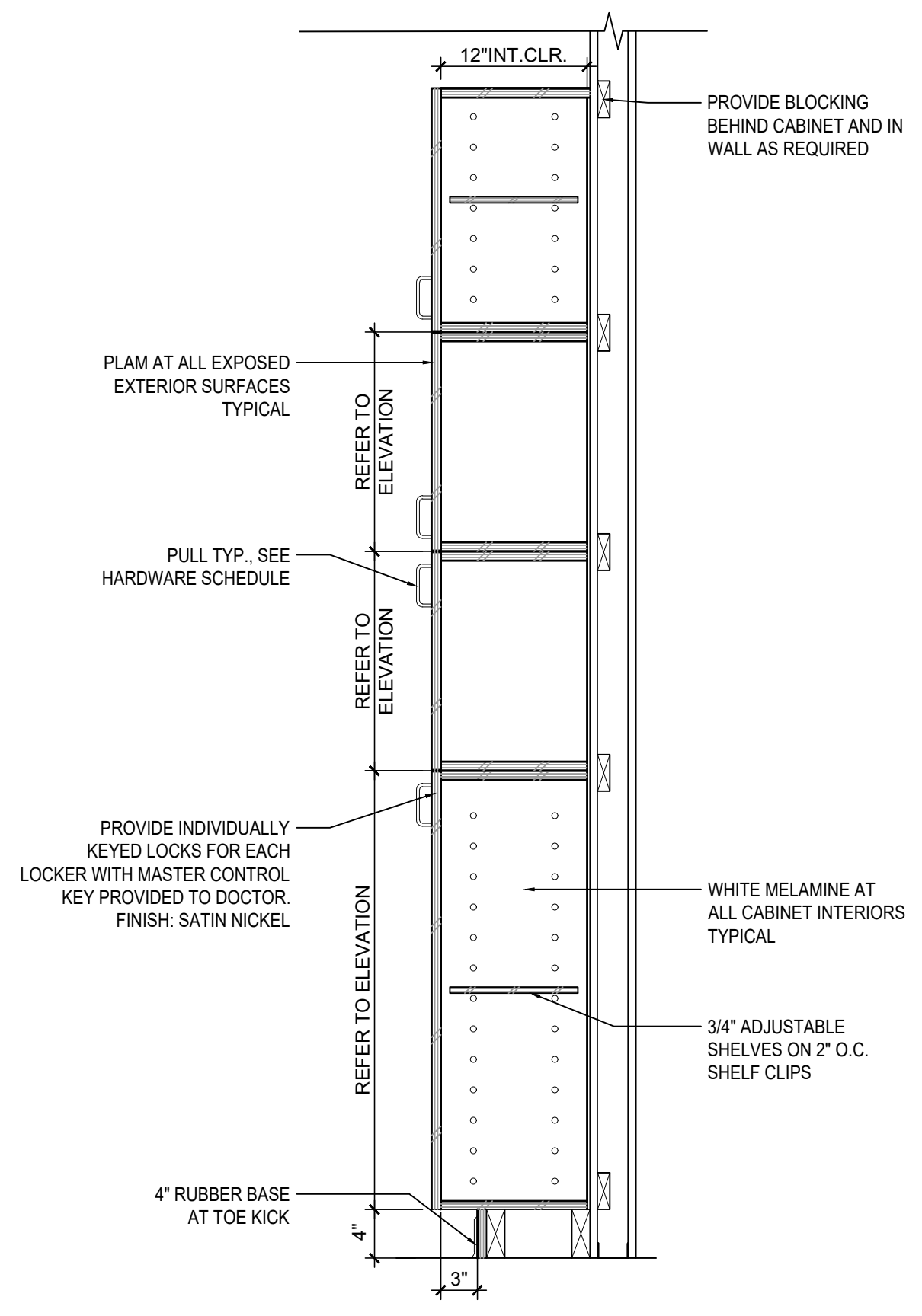
5 DRAWER STACK BASE CABINET

SCALE: 1"=1'-0"



6 MICROWAVE SHELF

SCALE: 1"=1'-0"



13 LOCKERS AND UPPER STORAGE CABINET

SCALE: 1"=1'-0"

Author: ERMA DEKLE
Date/Time: 01/10/2023 10:27 AM
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Per: Job: JPC STD.CTB
XRef: ATB.dwg

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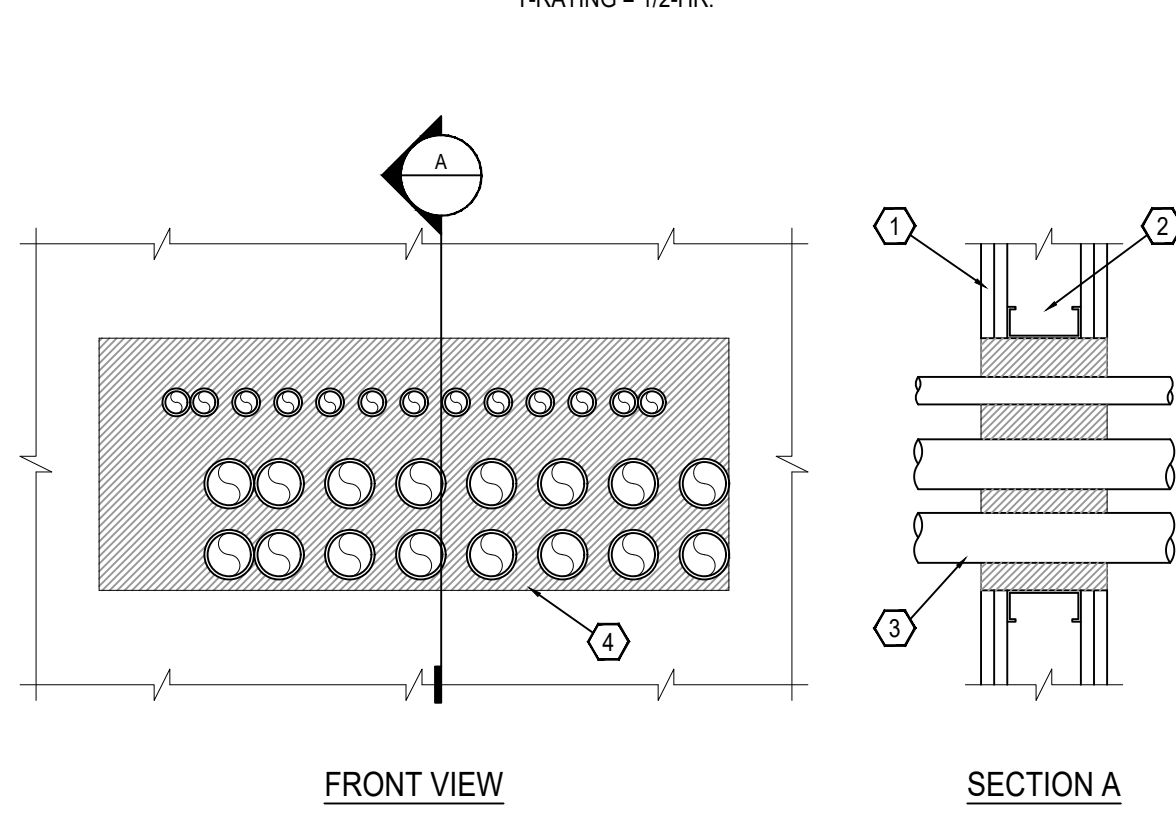
CASEWORK
DETAILS

I-09.3

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1/4" INCH

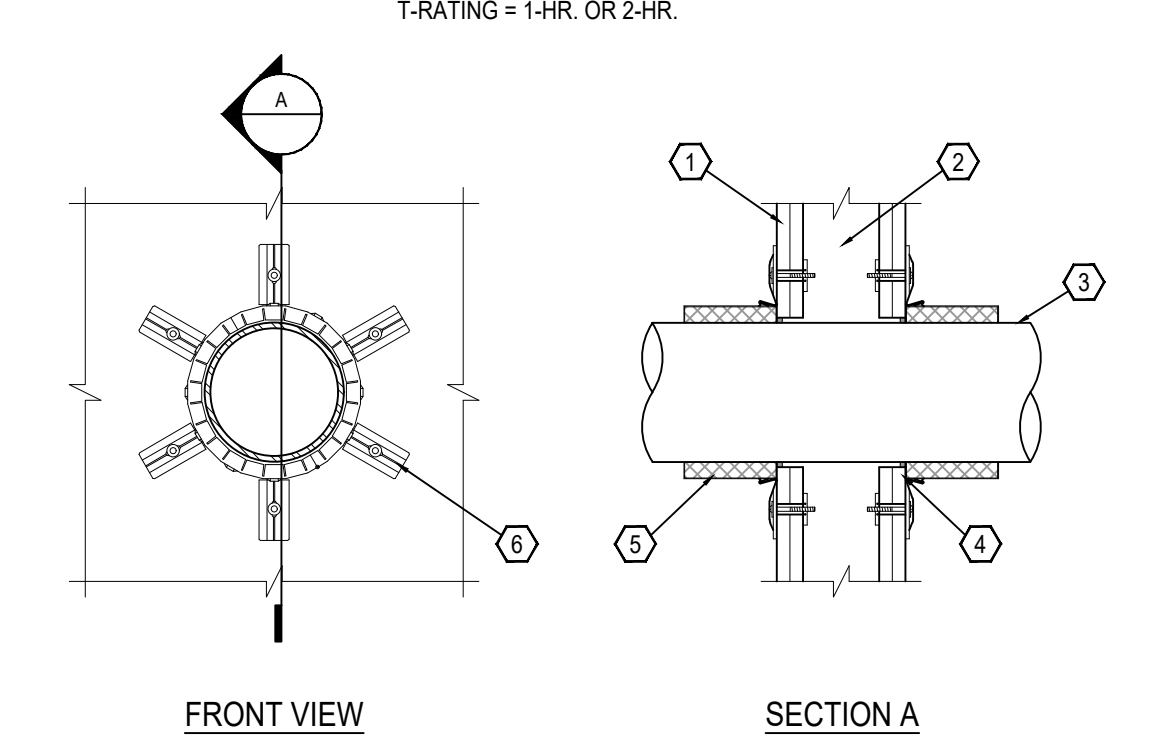
MULTIPLE METAL PIPES THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL/ULC SYSTEM NO. W-1-1249
 F-RATING = 1-HR. OR 2-HR.
 T-RATING = 1/2-HR.



- GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- PENETRATING ITEMS TO BE ONE OF THE FOLLOWING (SEE NOTE #3 BELOW):
 - MAXIMUM 2" NOMINAL DIAMETER STEEL CONDUIT.
 - MAXIMUM 2" NOMINAL DIAMETER EMT.
- HILTI CP 620 FIRE FOAM INSTALLED FLUSH WITH BOTH SURFACES OF THE WALL:
 - MAXIMUM 4-3/4" THICKNESS, FOR A 1-HR. FIRE-RATING.
 - MAXIMUM 6" THICKNESS, FOR A 2-HR. FIRE-RATING.

NOTE:
 1. MAXIMUM SIZE OF OPENING = 30" X 12".
 2. ANNULAR SPACE BETWEEN PIPES = MINIMUM 0", MAXIMUM 3-3/8".
 3. ANNULAR SPACE BETWEEN PIPES AND PERIPHERY OF OPENING = MINIMUM 0", MAXIMUM 3".

PLASTIC PIPE THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL SYSTEM NO. W-1-2078
 F-RATING = 1-HR. OR 2-HR.
 T-RATING = 1-HR. OR 2-HR.

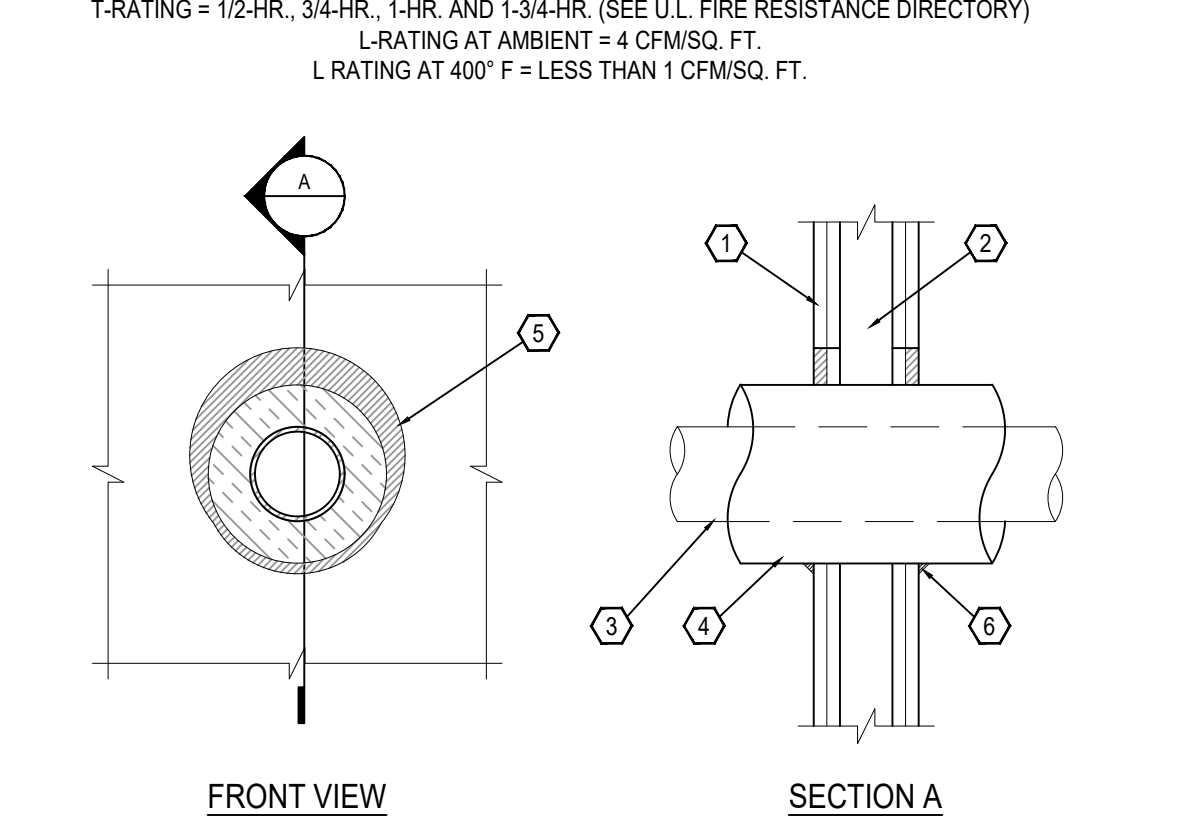


- GYPSUM WALL ASSEMBLY (UL CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- PENETRATING ITEMS TO BE ONE OF THE FOLLOWING (SEE NOTE #3 BELOW):
 - MAXIMUM 6" NOMINAL DIAMETER PVC PLASTIC PIPE (CELLULAR OR SOLID CORE).
 - MAXIMUM 6" NOMINAL DIAMETER ABS PLASTIC PIPE (CELLULAR OR SOLID CORE).
 - MAXIMUM 6" NOMINAL DIAMETER FRPP PLASTIC PIPE.
 - MAXIMUM 6" NOMINAL DIAMETER CPVC PLASTIC PIPE.
- SEE NOTE #1 BELOW.
- HILTI CP 642 OR HILTI CP 643 FIRESTOP COLLAR (SEE TABLE BELOW).
- FASTEN EACH MOUNTING TAB TO WALL ASSEMBLY WITH APPROPRIATE HILTI ANCHORS.

NOM. PIPE DIA.	PRODUCT DESCRIPTION	NO. OF MOUNTING TABS	MAX. HOLE SIZE
1-1/2"	CP 643 90/1.5"	2	2-1/8"
2"	CP 643 63/2"	2	2-5/8"
3"	CP 643 90/3"	3	4"
4"	CP643 110/4"	3	5"
6"	CP642 160/6"	6	7"

NOTE:
 1. TO IMPED COLD SMOKE, PROVIDE 1/4" DEPTH HILTI FS-ONE INTUMESCENT FIRE-STOP SEALANT IN ANNULAR SPACE AROUND PLASTIC PIPE.
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1/2".
 3. CLOSED OR VENTED PIPING SYSTEM. (PVC, ABS, FRPP = SCH. 40, CPVC = SDR 17).

INSULATED METAL PIPE THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL/ULC SYSTEM NO. W-1-5029
 F-RATING = 1-HR. AND 2-HR.
 T-RATING = 1/2-HR., 3/4-HR., 1-HR. AND 1-3/4-HR. (SEE U.L. FIRE RESISTANCE DIRECTORY)
 L-RATING AT AMBIENT = 4 CFMSQ. FT.
 L-RATING AT 400° F = LESS THAN 1 CFMSQ. FT.

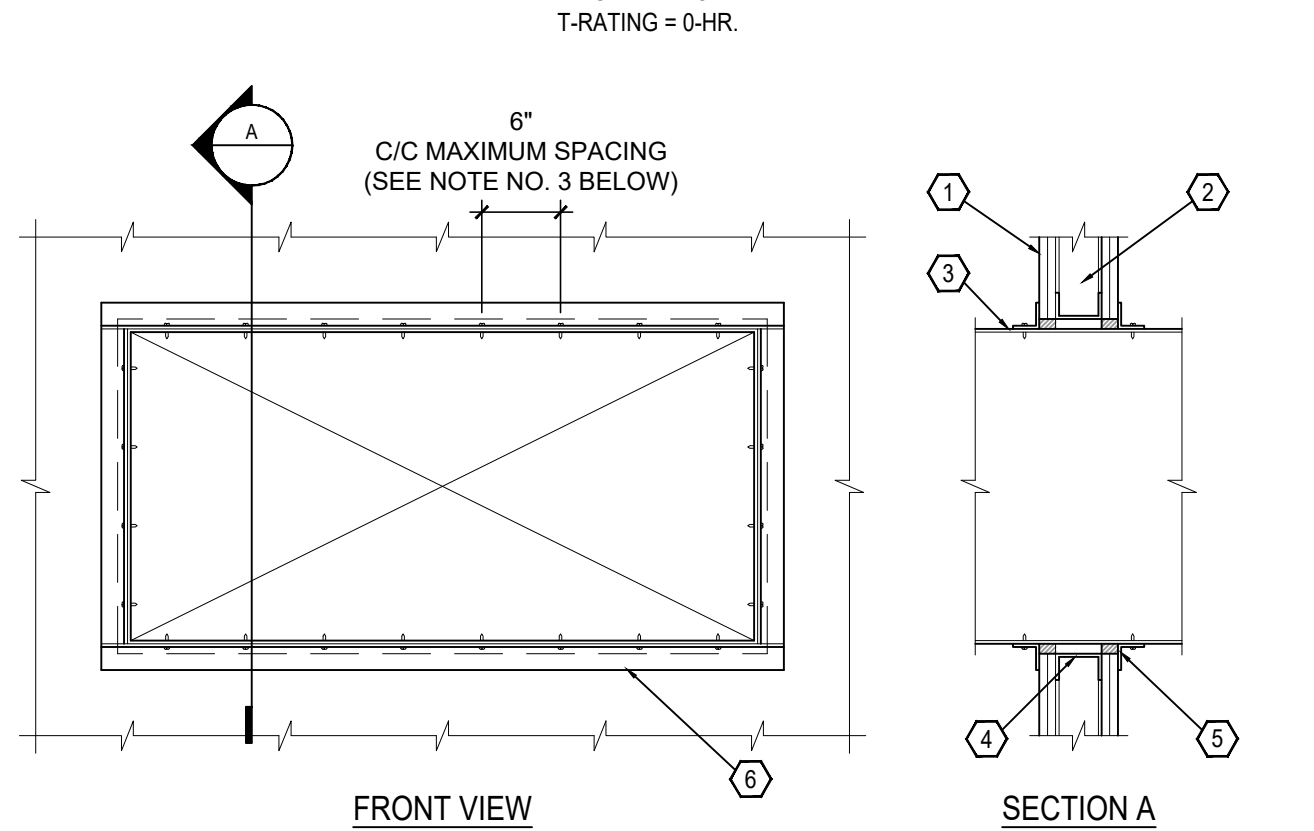


- GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- PENETRATING ITEMS TO BE ONE OF THE FOLLOWING:
 - MAXIMUM 1/2" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 20 OR HEAVIER).
 - MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
 - MAXIMUM 4" NOMINAL DIAMETER STEEL CONDUIT.
 - MAXIMUM 4" NOMINAL DIAMETER EMT.
- MAXIMUM 2" THICK GLASS-FIBER PIPE INSULATION.
- MINIMUM 5/8" DEPTH HILTI FS-ONE HIGH PERFORMANCE INTUMESCENT FIRESTOP SEALANT.
- MINIMUM 1/2" BEAD HILTI FS-ONE HIGH PERFORMANCE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.

NOTE:
 1. MAXIMUM DIAMETER OF OPENING = 18".
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 1-7/8".

3 INSULATED PIPE THROUGH RATED WALL
 SCALE: 1'-0" = 1'-0"

METAL DUCT (WITHOUT DAMPER) THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL/ULC SYSTEM NO. W-1-7040
 F-RATING = 1-HR. OR 2-HR.
 T-RATING = 0-HR.

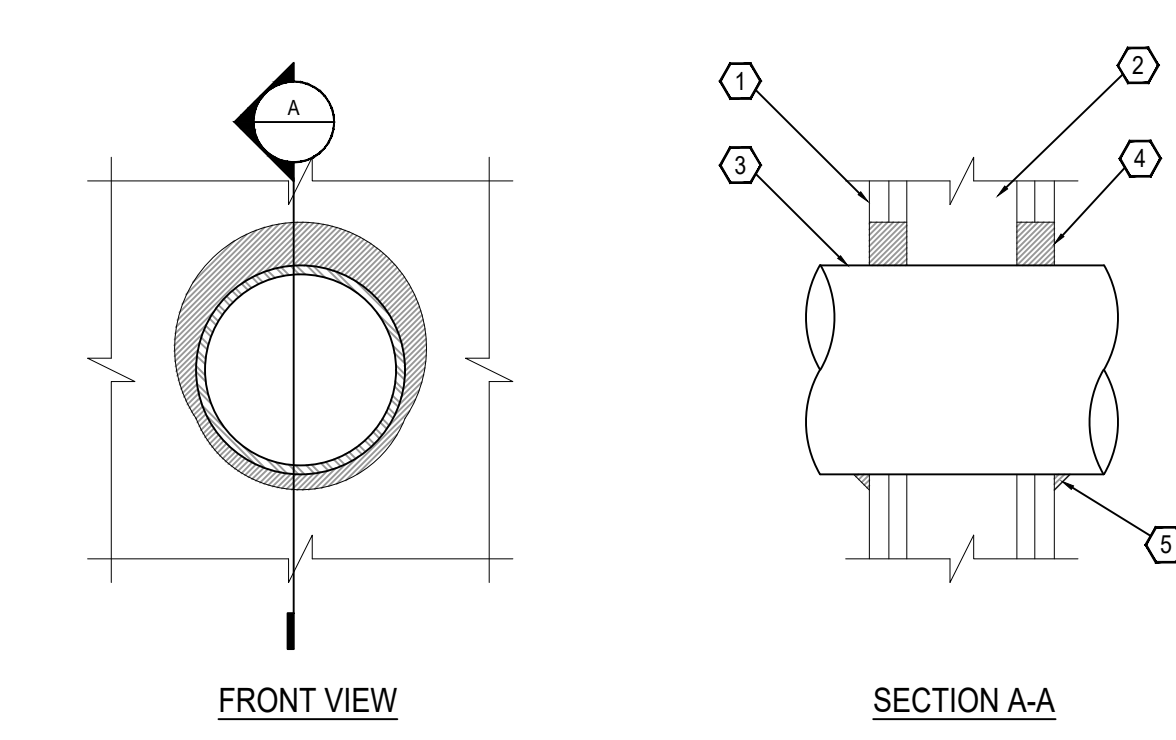


- GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- RECTANGULAR SHEET METAL DUCT (MAXIMUM SIZE: 24" X 48", MINIMUM 24 GA. THICKNESS). (NOTE: NOT FOR USE IN DUCT SYSTEMS CONTAINING A FIRE DAMPER)
- OPENING TO BE "FRAMED OUT" WITH LIGHTGAGE METAL FRAMING STUDS.
- HILTI FS-ONE HIGH PERFORMANCE INTUMESCENT FIRESTOP SEALANT, HILTI CP 601S ELASTO-MERIC FIRESTOP SEALANT, OR HILTI CP 606 FLEXIBLE FIRESTOP SEALANT:
 - MINIMUM 5/8" DEPTH OF SEALANT FOR A 1-HR. FIRE-RATING.
 - MINIMUM 1-1/4" DEPTH OF SEALANT FOR A 2-HR. FIRE-RATING.
- SEE NOTE #3 BELOW.

NOTE:
 1. MAXIMUM AREA OF OPENING = 1244 SQUARE INCHES WITH A MAXIMUM DIMENSION OF 49-1/4 INCHES.
 2. ANNULAR SPACE = MINIMUM 1/4", MAXIMUM 1".
 3. AFTER SEALING SPACE BETWEEN DUCT AND GYPSUM WALL ASSEMBLY WITH HILTI FIRESTOP SEALANT, FASTEN STEEL ANGLE (MINIMUM 1-1/2" X 1-1/2" X 16 GA.) TO DUCT WITH MINIMUM NO. 8 X 3/4" LONG SHEET METAL SCREWS. ANGLE DOES NOT HAVE TO BE FASTENED TO THE WALL ASSEMBLY.

1 CONDUITS THROUGH RATED WALL
 SCALE: 1'-0" = 1'-0"

METAL PIPE THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL/ULC SYSTEM NO. W-1-1054
 F-RATING = 1-HR. OR 2-HR.
 T-RATING = 0-HR.
 L-RATING AT AMBIENT = LESS THAN 1 CFMSQ. FT. L-RATING AT 400° F = 4 CFMSQ. FT.

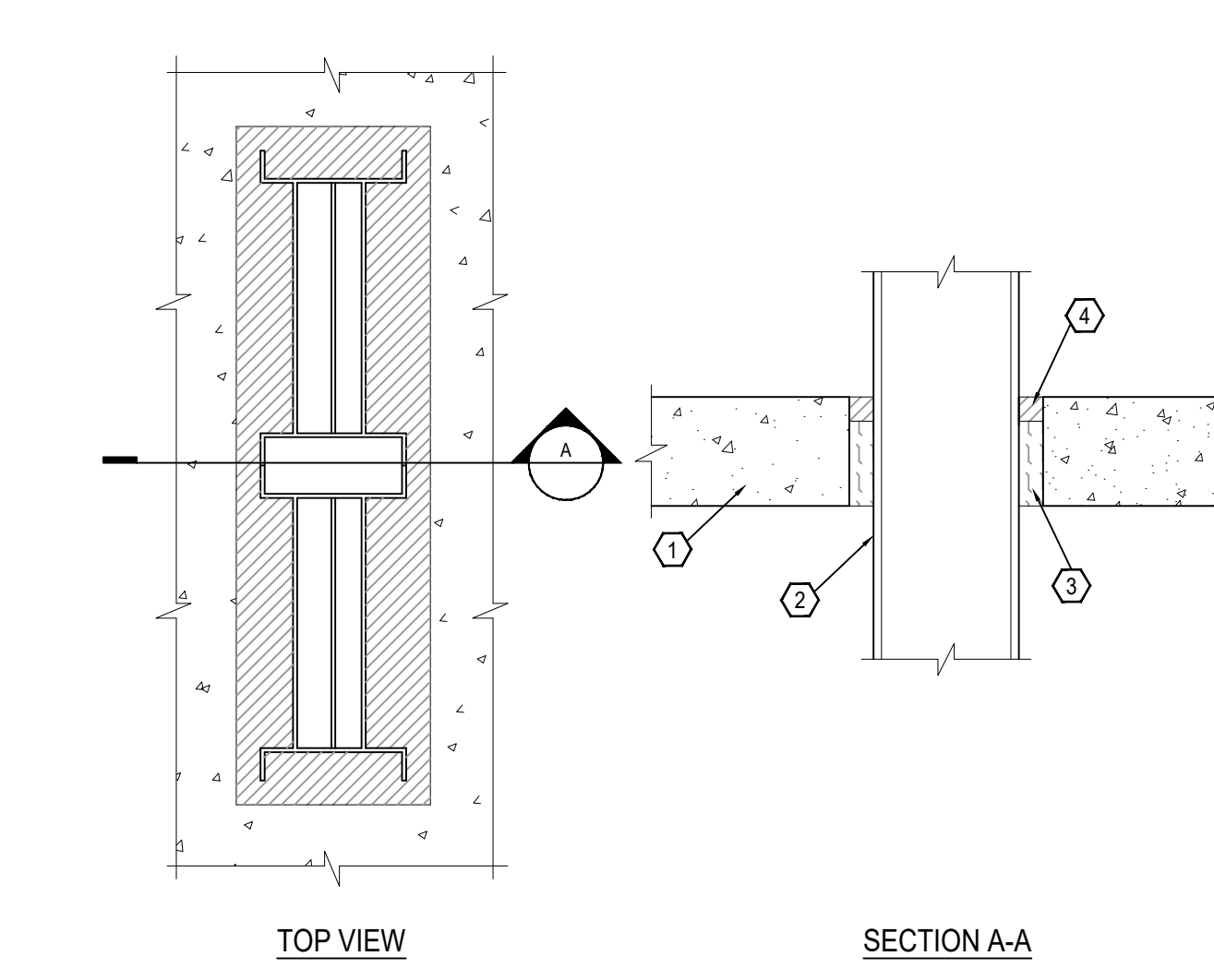


- GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
 - MAXIMUM 30" DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
 - MAXIMUM 30" DIAMETER CAST IRON PIPE.
 - MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
 - MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
 - MAXIMUM 4" NOMINAL DIAMETER EMT.
- HILTI FS-ONE HIGH PERFORMANCE INTUMESCENT FIRESTOP SEALANT: A. MINIMUM 5/8", FOR A 1-HR. FIRE-RATING; B. MINIMUM 1-1/4" DEPTH, FOR A 2-HR. FIRE-RATING.
- MINIMUM 1/2" BEAD HILTI FS-ONE HIGH PERFORMANCE INTUMESCENT FIRESTOP SEALANT AT POINT OF CONTACT.

NOTE:
 1. MAXIMUM DIAMETER OF OPENING :
 A. 32-1/4" FOR STEEL STUD WALLS.
 B. 14-1/2" FOR WOOD STUD WALLS.
 2. ANNULAR SPACE = MINIMUM 0", MAXIMUM 2-1/2".

2 PLASTIC PIPE THROUGH RATED WALL
 SCALE: 1'-0" = 1'-0"

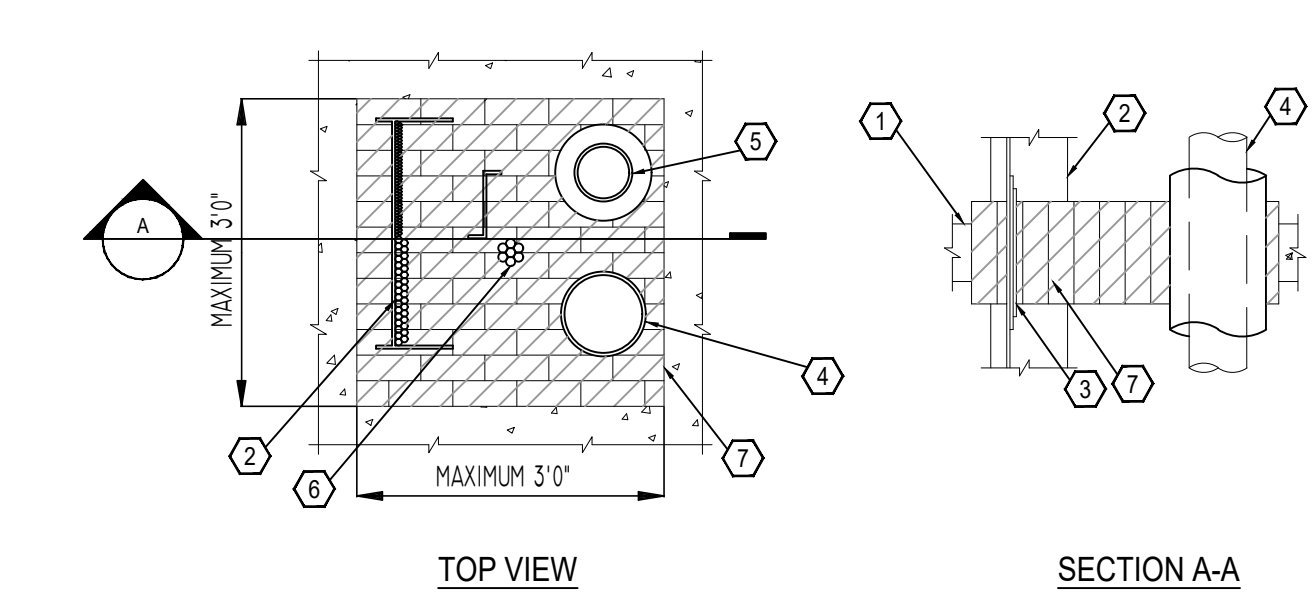
ELECTRICAL BUSWAY THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL
 UL/ULC SYSTEM NO. CAJ6017
 F-RATING = 3-HR.
 T-RATING = 0-HR.



- CONCRETE FLOOR OR WALL ASSEMBLY (3-HR FIRE-RATING):
 - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN. 4-1/2" THICK).
 - ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
- ELECTRICAL BUSWAY (NOMINAL 28" WIDE BY 6" DEEP, OR SMALLER) ("I" SHAPED) STEEL ENCLOSURE CONTAINING FACTORY MOUNTED ALUMINUM BARS RATED FOR 600V OR 4000A).
- MINIMUM 3-1/2" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
- MINIMUM 1" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT.

NOTE:
 1. MAXIMUM AREA OF OPENING IS 224 SQUARE INCHES WITH A MAXIMUM DIMENSION OF 28 INCHES.
 2. MINIMUM 1" DEPTH HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL.

4 MULTIPLE PENETRATING ITEMS THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL
 UL/ULC SYSTEM NO. CAJ8056
 F-RATING = 3-HR. L-RATING AT AMBIENT = 5 CFMSQ. FT.
 T-RATING = 0-HR. L-RATING AT 400° F = 2 CFMSQ. FT.



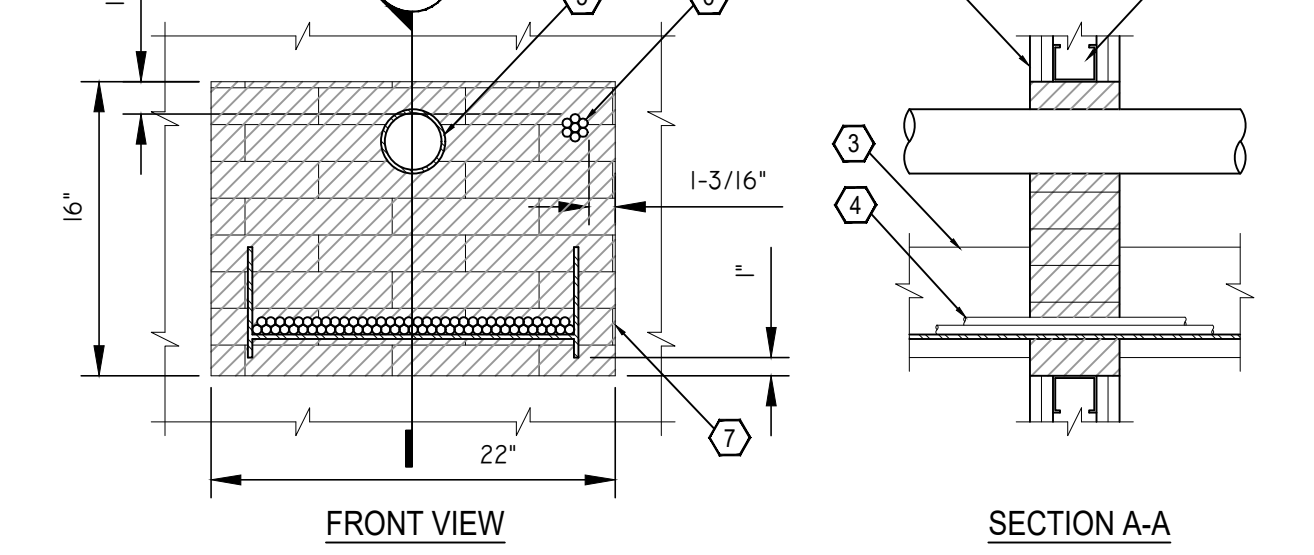
- CONCRETE FLOOR OR WALL ASSEMBLY (3-HR FIRE-RATING):
 - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MIN. 4-1/2" THICK).
 - ANY UL/ULC CLASSIFIED CONCRETE BLOCK WALL.
- MAXIMUM 18" X 6" ALUMINUM OR STEEL OPEN LADDER CABLE TRAY.
- ANY COMBINATION OF THE FOLLOWING CABLES MAY BE USED WITHIN THE CABLE TRAY (SEE NOTE NO. 4 BELOW):
 - 7/C NO. 12 AWG COPPER CONDUCTOR CABLE.
 - 24 FIBER-OPTIC CABLE (MAX. 1/2" DIAMETER).
 - MAX. 500 KCMIL SINGLE CONDUCTOR CABLE.
 - MAX. 300 PAIR NO. 24 AWG TELEPHONE CABLE.
- PENETRATING ITEMS TO BE ANY OF THE FOLLOWING: MAXIMUM 6" NOMINAL DIAMETER STEEL PIPE OR STEEL CONDUIT; MAXIMUM 6" NOMINAL DIAMETER CAST IRON PIPE; OR MAXIMUM 4" NOMINAL DIAMETER COPPER PIPE OR EMT.
- MAXIMUM 1-1/2" GLASS FIBER INSULATION.
- MAXIMUM 2" CABLE BUNDLE TO BE A COMBINATION OF ANY OF THE FOLLOWING:
 - 7/C NO. 12 AWG CABLE.
 - 3/C NO. 8 ALUMINUM CLAD CABLE.
 - 25 PAIR NO. 24 AWG TELEPHONE CABLE.
 - RG 62A COAXIAL CABLE.
 - ROMEX (2/C NO. 10 +GRND).
 - 24 FIBER-OPTIC CABLE (MAX. 1/2" DIA.).
 - HILTI FS 657 FIRE BLOCK (2" THICK X 5" DEEP, X 8" DEEP, REF. TOP VIEW).

NOTE:
 1. MAXIMUM AREA OF OPENING = 1296 SQUARE INCHES, WITH MAXIMUM DIMENSION OF 36 INCHES.
 2. ANNULAR SPACE FOR CABLE TRAY = MINIMUM 1-1/2", MAXIMUM 4-1/2".
 3. ANNULAR SPACE FOR PIPE AND CABLE PENETRATIONS = MINIMUM 1", MAXIMUM 4-1/2".
 4. MAXIMUM AREA OF CABLES EQUALS 30% OF CROSS-SECTIONAL AREA OF CABLE TRAY.
 5. APPLY HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, AND ANY VOIDS TO MAXIMUM EXTENT POSSIBLE.
 6. WIRE MESH (NOT SHOWN). WHEN THE ANNULAR SPACE EXCEEDS 4-1/2", A NOMINAL 2 IN. SQ. NO. 16 SWG WIRE MESH SHALL BE USED TO KEEP THE HILTI FS 657 FIRE BLOCKS IN PLACE.

7 GROUP OF PENETRATIONS
 SCALE: 1'-0" = 1'-0"

4 DUCT THROUGH RATED WALL
 SCALE: 1'-0" = 1'-0"

MULTIPLE PENETRATIONS THROUGH 1-HR. OR 2-HR. GYPSUM WALL ASSEMBLY
 UL/ULC SYSTEM NO. W-1-1054
 F-RATING = 1-HR. OR 2-HR. L-RATING AT AMBIENT = 5 CFMSQ. FT.
 T-RATING = 0-HR. L-RATING AT 400° F = 2 CFMSQ. FT.



- GYPSUM WALL ASSEMBLY (UL/ULC CLASSIFIED U300 OR U400 SERIES) (1-HR. OR 2-HR. FIRE-RATING) (2-HR. SHOWN).
- (NOT SHOWN). WOOD STUDS TO CONSIST OF NOMINAL 2" X 4" LUMBER. STEEL STUDS TO BE MINIMUM 2-1/2" WIDE.
- OPEN LADDER CABLE TRAY (MAXIMUM 18" X 6", STEEL OR ALUMINUM).
- ANY OF THE FOLLOWING CABLES MAY BE USED WITH MAXIMUM 30% FILL OF CABLE TRAY:
 - MAXIMUM 350 KCMIL SINGLE CONDUCTOR POWER CABLE.
 - MAXIMUM 7/C NO. 12 AWG COPPER CONDUCTOR CABLE.
 - MAXIMUM 100 PAIR NO. 24 AWG TELEPHONE CABLE.
- MAX. 3" NOMINAL DIAMETER PVC PLASTIC PIPE (SCHEDULE 40) (CLOSED OR VENTED PIPING SYSTEM) (SEE NOTE NO. 1 BELOW).
- MAXIMUM 1-1/2" DIAMETER CABLE BUNDLE TO CONSIST OF ANY OF THE FOLLOWING:
 - MAX. 25 PAIR NO. 24 AWG TELEPHONE CABLE.
 - FIBER-OPTIC CABLE (24 FIBER).
 - MAX. 7/C NO. 12 AWG COPPER CONDUCTOR.
 - RG 59 COAXIAL CABLE.
 - HILTI FS 657 FIRE BLOCKS (2" THICK X 8" WIDE X 5" DEEP, REFERENCE: FRONT VIEW).

NOTE:
 1. (NOT SHOWN). PENETRATING ITEMS MAY ALSO INCLUDE A MAX. 6" NOM. DIA. STEEL PIPE, MAX. 6" NOM. DIA. STEEL CONDUIT, MAX. 4" NOM. DIA. COPPER PIPE, OR MAX. 4" NOM. DIA. EMT.
 2. (NOT SHOWN): MAX. 1-1/2" GLASS-FIBER INSULATION MAY BE USED ON ANY OR ALL METALLIC PIPES.
 3. ANNULAR SPACE = MINIMUM 1", MAXIMUM 9-1/4".
 4. APPLY HILTI FS-ONE INTUMESCENT FIRESTOP SEALANT IN ANY VOID THAT MAY EXIST (AROUND PENETRANTS, INTO INTERSTICES OF CABLES, BETWEEN CABLES AND CABLE TRAY, OR BETWEEN FIRE BLOCKS) TO MAXIMUM EXTENT POSSIBLE.

8 GROUP OF PENETRATIONS
 SCALE: 1'-0" = 1'-0"



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 Date: 01/20/2023 10:57 AM
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 Path: \\JPC-STD-C7B

1 INCH

Author: ERMA/SENKLE
Date/Time: 6/10/2023 11:14 AM
Dwg: L:\2022\23-05\REV\WIP\MASTER\10-DOOR SCHEDULE.DWG
Per: Jabe - JPC/STB/CTB
XRef: ATB.dwg

DOOR SCHEDULE:

NO.	TYPE	FRAME	HDWE	RATING	REMARKS
100	EXIST.	EXIST.	EXIST.	EXIST.	REINSTALL EXISTING PUSH-TO-EXIT OVERRIDE ADJACENT TO DOOR (OR PROVIDE NEW AS REQ'D.)
103	A	HM	HS-2	NR	
106	EXIST.	EXIST.	EXIST.	EXIST.	PAINT DOOR/FRAME P-X ON THE SUITE SIDE
107	A	HM	HS-1	NR	
109	A	HM	HS-1	NR	
110	A	HM	HS-1	NR	
111	A	HM	HS-1	NR	
115	A	HM	HS-7	NR	
116	D	HM	HS-8	NR	
117	D	HM	HS-8	NR	
118	C	HM	HS-4	NR	
120	A	HM	HS-1	NR	
ASF01A	F	ALUM	HS-10	NR	44" WIDE DOOR
ASF01B	B	HM	HS-3	20 MIN.	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF02	C	HM	HS-4	NR	52" WIDE DOOR
ASF03	A	HM	HS-3	20 MIN.	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF04	A	HM	HS-6	NR	
ASF05A	A	HM	HS-6	NR	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF05B	A	HM	HS-6	NR	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF06	B	HM	HS-9	NR	44" WIDE DOOR, PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF07	B	HM	HS-9	NR	44" WIDE DOOR, PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF08	A	HM	HS-1	NR	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF09A	A	HM	HS-1	NR	
ASF09B	A	HM	HS-1	NR	
ASF10	E	HM	HS-3	45 MIN.	32" WIDE DOOR
ASF11	B	HM	HS-3	20 MIN.	PROVIDE KICKPLATE ON PUSH SIDE OF DOOR
ASF12	A	HM	HS-1	NR	
ASF14	E	HM	HS-3	45 MIN.	48" WIDE DOOR, PROVIDE KICKPLATE ON PUSH SIDE OF DOOR

HARDWARE SETS:

HS-1 SINGLE NON-RATED DOOR WITH LATCHSET QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LATCHSET QTY 1 - DOOR STOP QTY 1 SET - SILENCERS	HS-2 SINGLE NON-RATED DOOR WITH LOCKSET QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET QTY 1 - DOOR STOP QTY 1 SET - SILENCERS
HS-3 SINGLE RATED DOOR WITH CARD READER QTY 2 PAIR - ELECTRIC HINGE QTY 1 - ELECTRIC LOCKSET QTY 1 - SURFACE MTD. CLOSER QTY 1 - DOOR STOP QTY 1 - SMOKE GASKET QTY 1 - THRESHOLD QTY 1 - CARD READER (BY OTHERS)	HS-4 DOUBLE NON-RATED DOOR WITH LOCKSET QTY 4 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET W/ BALL LATCH AT HEAD W/2 DUMMY LEVERS ON BOTH SIDES QTY 2 SET - SILENCERS
HS-5 SINGLE RATED DOOR WITH CARD READER QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET QTY 1 - SMOKE GASKET QTY 1 - SURFACE MTD. CLOSER W/ INTEGRAL DOOR STOP QTY 1 - ELECTRIC STRIKE QTY 1 - FLOOR SWEEP QTY 1 - THRESHOLD	HS-5 SINGLE RATED DOOR WITH THUMB-TURN LOCK AND PRIVACY INDICATOR QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET WITH INTEGRAL DEADBOLT AND PRIVACY INDICATOR QTY 1 - SMOKE GASKET QTY 1 - SURFACE-MTD CLOSER W/ INTEGRAL DOOR STOP QTY 1 - FLOOR SWEEP QTY 1 - THRESHOLD NOTE: DOOR MUST UNLOCK AND OPEN FROM INSIDE OF ROOM IN ONE SINGLE ACTION.
HS-6 SINGLE NON-RATED DOOR WITH THUMB-TURN LOCK AND PRIVACY INDICATOR QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET WITH INTEGRAL DEADBOLT AND PRIVACY INDICATOR QTY 1 - SURFACE-MTD CLOSER QTY 1 - WALL STOP QTY 1 SET - SILENCERS NOTE: DOOR MUST UNLOCK AND OPEN FROM INSIDE OF ROOM IN ONE SINGLE ACTION.	HS-7 SINGLE NON-RATED DOOR WITH STOREROOM LOCK QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LOCKSET QTY 1 - DOOR STOP QTY 1 SET - SILENCERS
HS-8 SINGLE NON-RATED SLIDING POCKET DOOR QTY 1 - POCKET DOOR HARDWARE SET - SET INCLUDES TRACK, HANGER, QTY 1 - BOTTOM GUIDE AND BUMPER STOP QTY 2 - BACK-TO-BACK PULLS, BACK-TO-BACK INSTALLATION.	HS-9 SINGLE NON-RATED LATCHING DOOR W/ CLOSER QTY 2 PAIR - BUTT HINGES QTY 1 - LEVER LATCHSET QTY 1 - SURFACE MTD. CLOSER W/ INTEGRAL DOOR STOP QTY 1 SET - SILENCERS
	HS-10 SINGLE NON-RATED EXTERIOR STOREFRONT QTY 2 - PIVOT HINGES QTY 1 - DEADLOCK QTY 2 - 12" BAR PULLS - FINISH TO MATCH EXISTING QTY 1 - SURFACE MTD. CLOSER QTY 1 - WEATHER STRIPPING QTY 1 - ADA THRESHOLD NOTE: PROVIDE PANIC HARDWARE ON PUSH SIDE - LOCKED ON PULL SIDE.

DOOR NOTES:

- PROVIDE AND INSTALL DIAGONAL BRACE (TO MATCH WALL FRAMING) AT THE LATCH SIDE OF ALL NEW DOOR FRAMES, ABOVE CEILING, EITHER TO ADJACENT WALL FRAMING OR TO STRUCTURE ABOVE.
- GC TO COORDINATE JAMB DEPTH WITH FINISHED WALL WIDTH PRIOR TO ORDERING FRAMES.
- ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- ALL GLAZING SHALL CONFORM TO SAFETY GLAZING REQUIREMENTS OF IBC SECTION 2406.
- ALL RATED DOORS TO BE LABELED PER IBC TABLE 715.3.
- THRESHOLDS AT DOORS SHALL BE 1/2" MAXIMUM HEIGHT, PER ICC(ANSI) A117.1-2003 SECTION 404.2.4
- FINISH AT ALL TENANT DOORS ON CLINIC SIDE TO BE MATTE BLACK AND POLISHED STAINLESS STEEL ALL HARDWARE COMPONENTS, U.N.O. IN HARDWARE SCHEDULE
- ALL DOOR HARDWARE TO BE COMMERCIAL-GRADE, HEAVY-DUTY AND SUITABLE FOR THE INTENDED USE.
- PROVIDE EMERGENCY SECURITY DOOR LOCK OVERRIDE BUTTON AT CHECK-IN DESK IN ORDER TO LOCK SUITE ENTRY DOORS, DOORS TO REMAIN FREE EGRESS AT ALL TIMES ON PUSH/EXIT SIDE OF DOOR.
- ICC(ANSI) A117.1-2009 SECTION 404.2.6, DOOR HARDWARE: HANDLES, PULLS, LATCHES, LOCKS & OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND & DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34" MIN. 48" MAX. ABOVE THE FINISH FLOOR. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED & USABLE FROM BOTH SIDES
- IBC 404.2.8 DOOR OPENING FORCE. FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE MAXIMUM FORCE FOR PUSHING OPEN FOR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS: 1. INTERIOR HINGED DOOR: 5.0 POUNDS (22.2 N) 2. SLIDING OR FOLDING DOOR: 5.0 POUNDS (22.2 N). THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.

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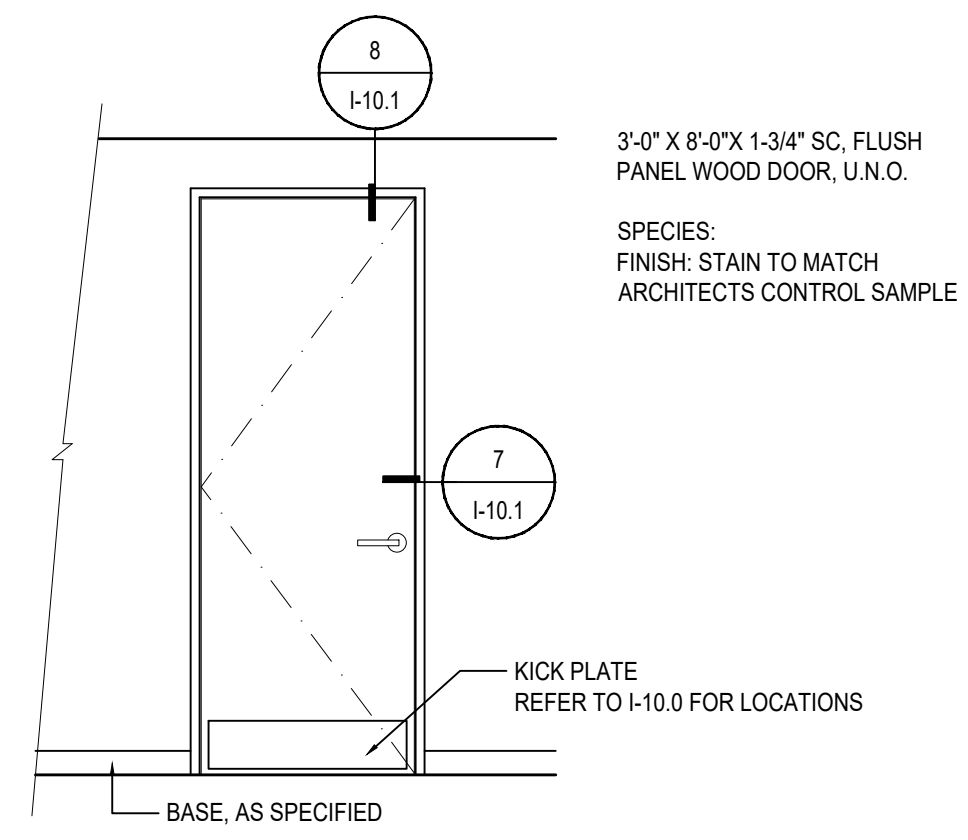
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JURISDICTION STAMP

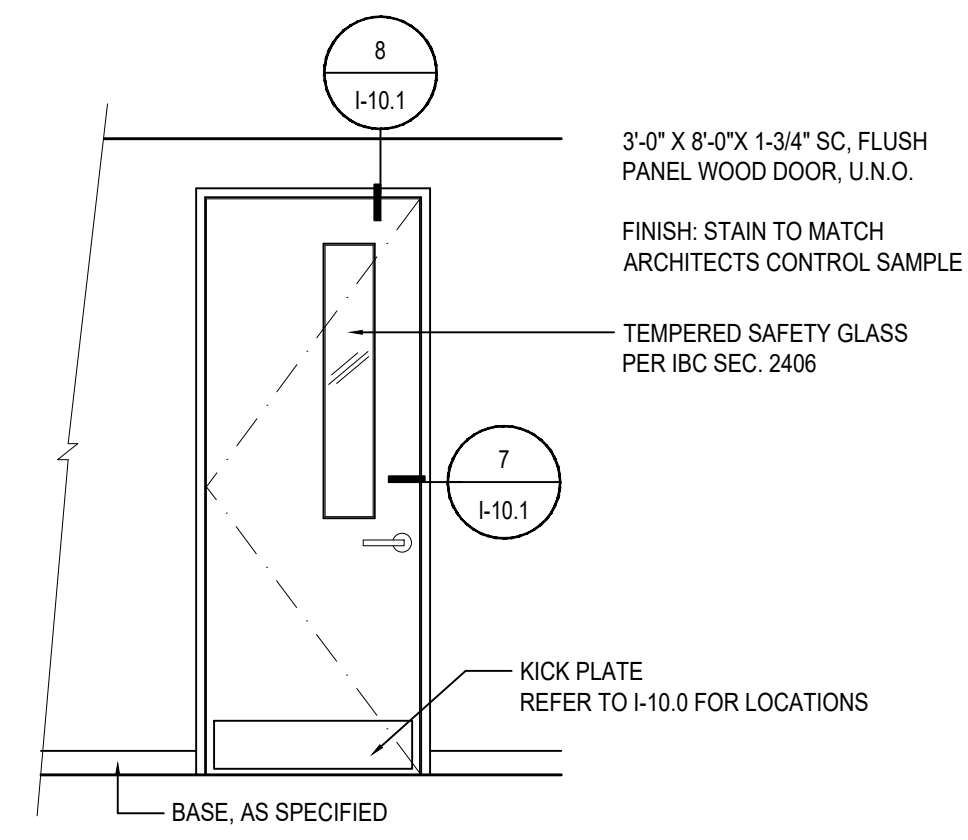
DOOR SCHEDULE

I-10.0

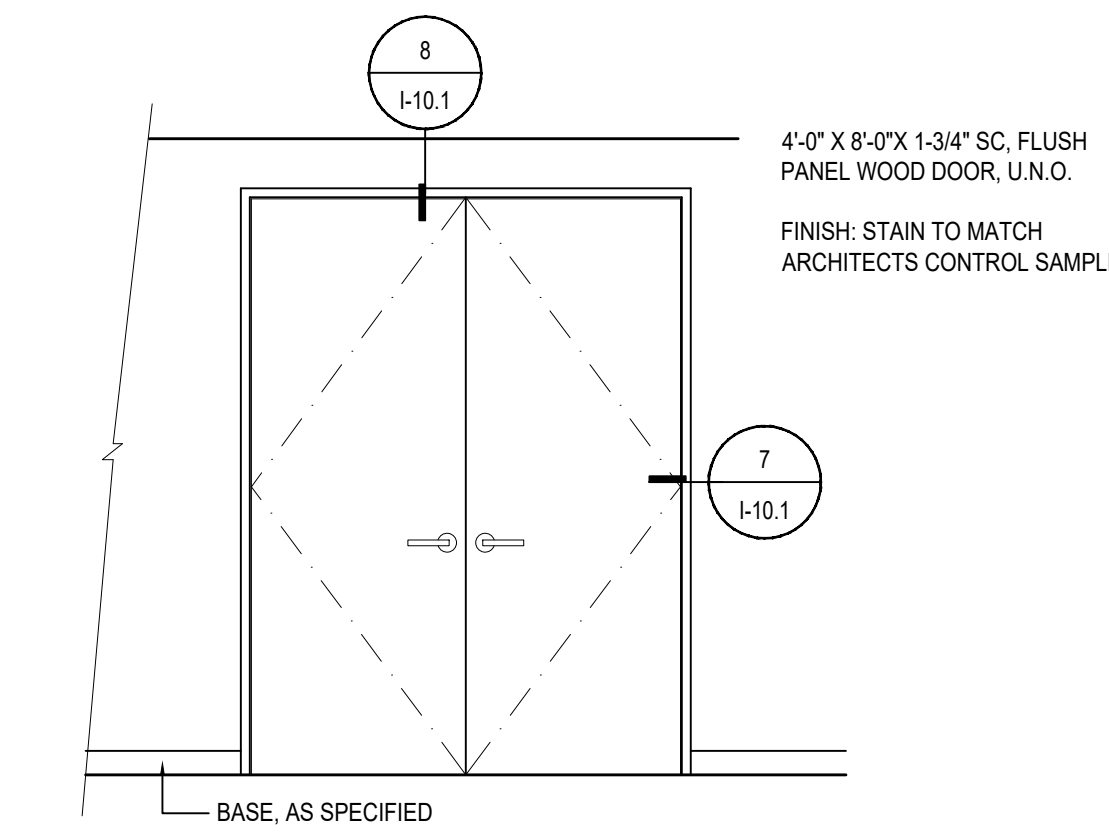
1/4" = 1" INCH
 Dwg: L:\2022\22-0394\DWG\MASTER\1-10 DOOR ELEVATIONS & DETAILS.DWG
 Per: JPC
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 Date/Type:



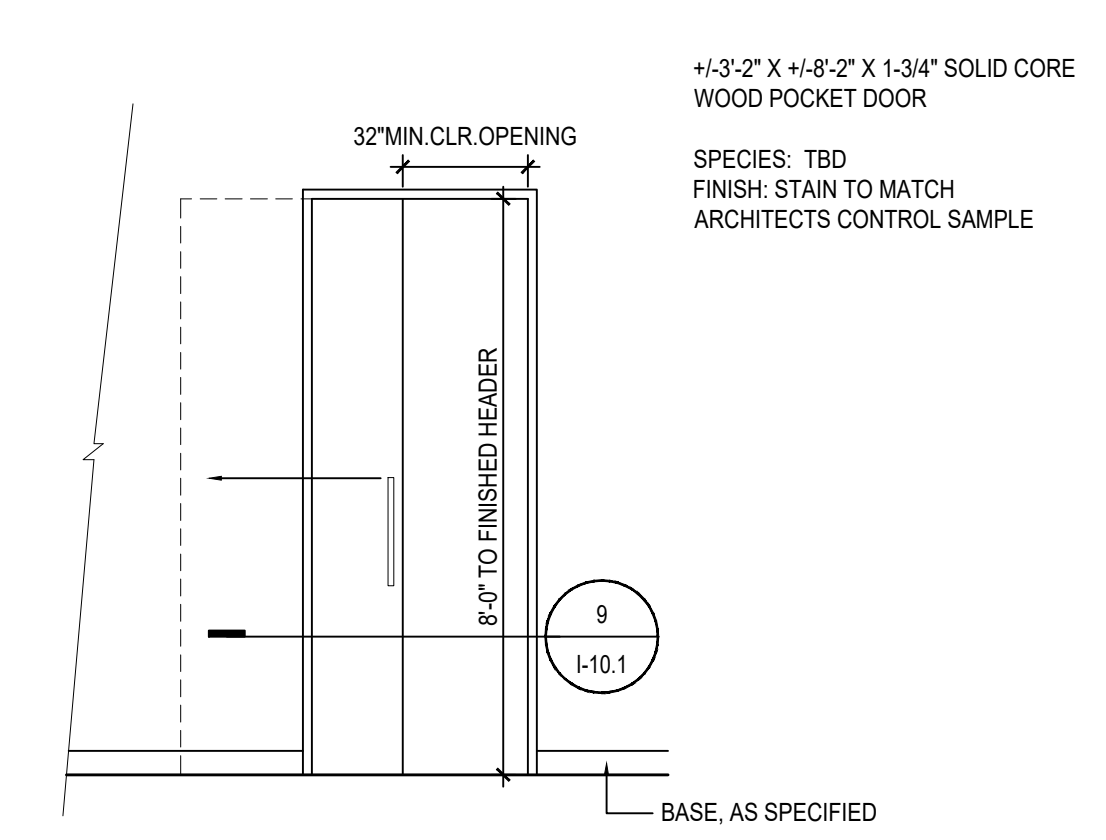
1 DOOR TYPE A
SCALE: 3/8"=1'-0"



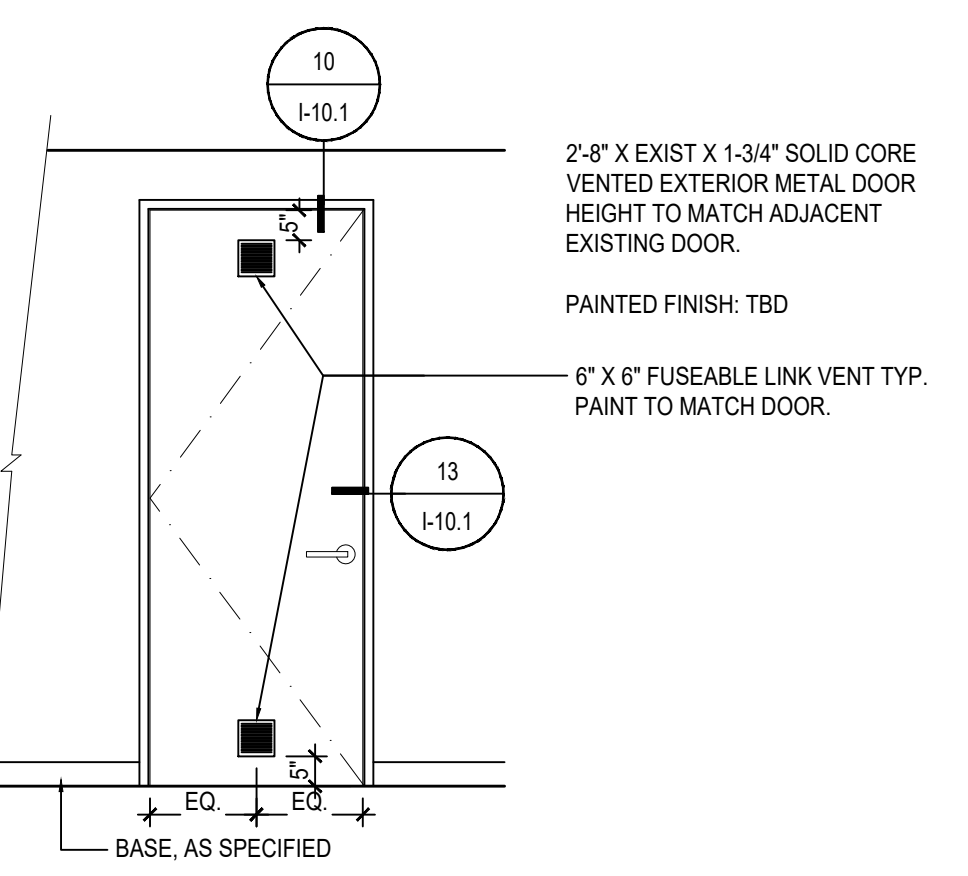
2 DOOR TYPE B
SCALE: 3/8"=1'-0"



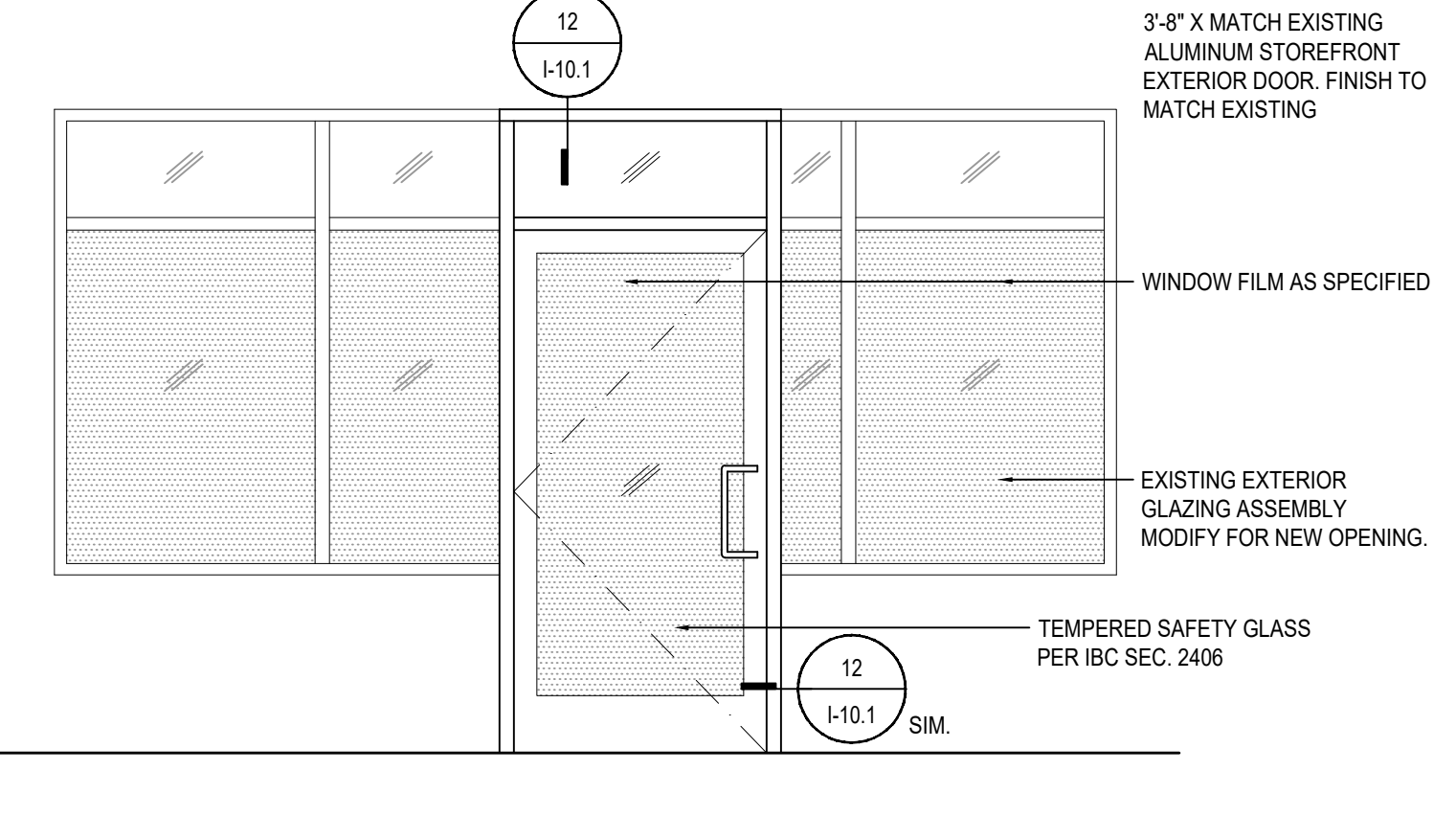
3 DOOR TYPE C
SCALE: 3/8"=1'-0"



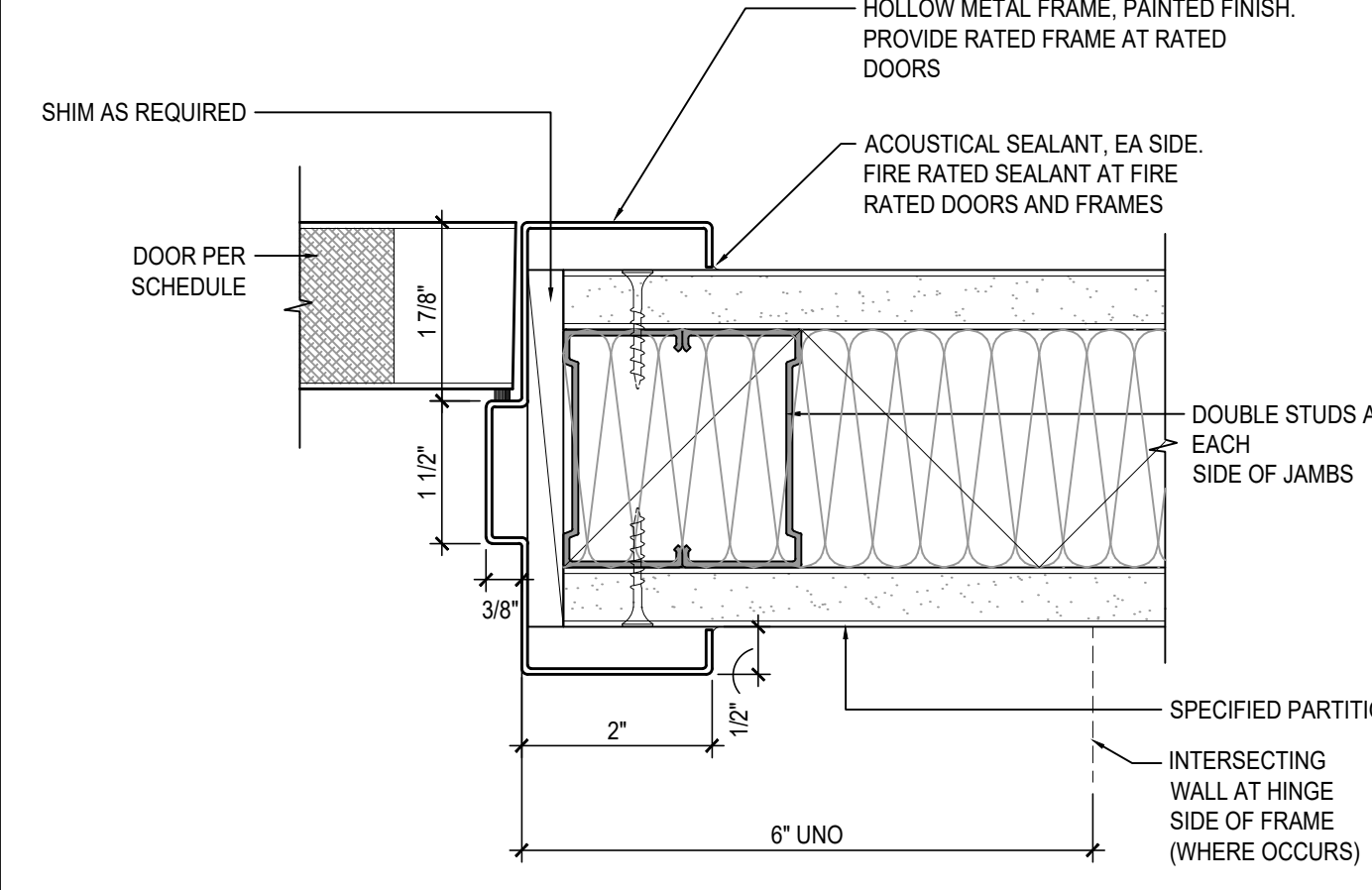
4 DOOR TYPE D
SCALE: 3/8"=1'-0"



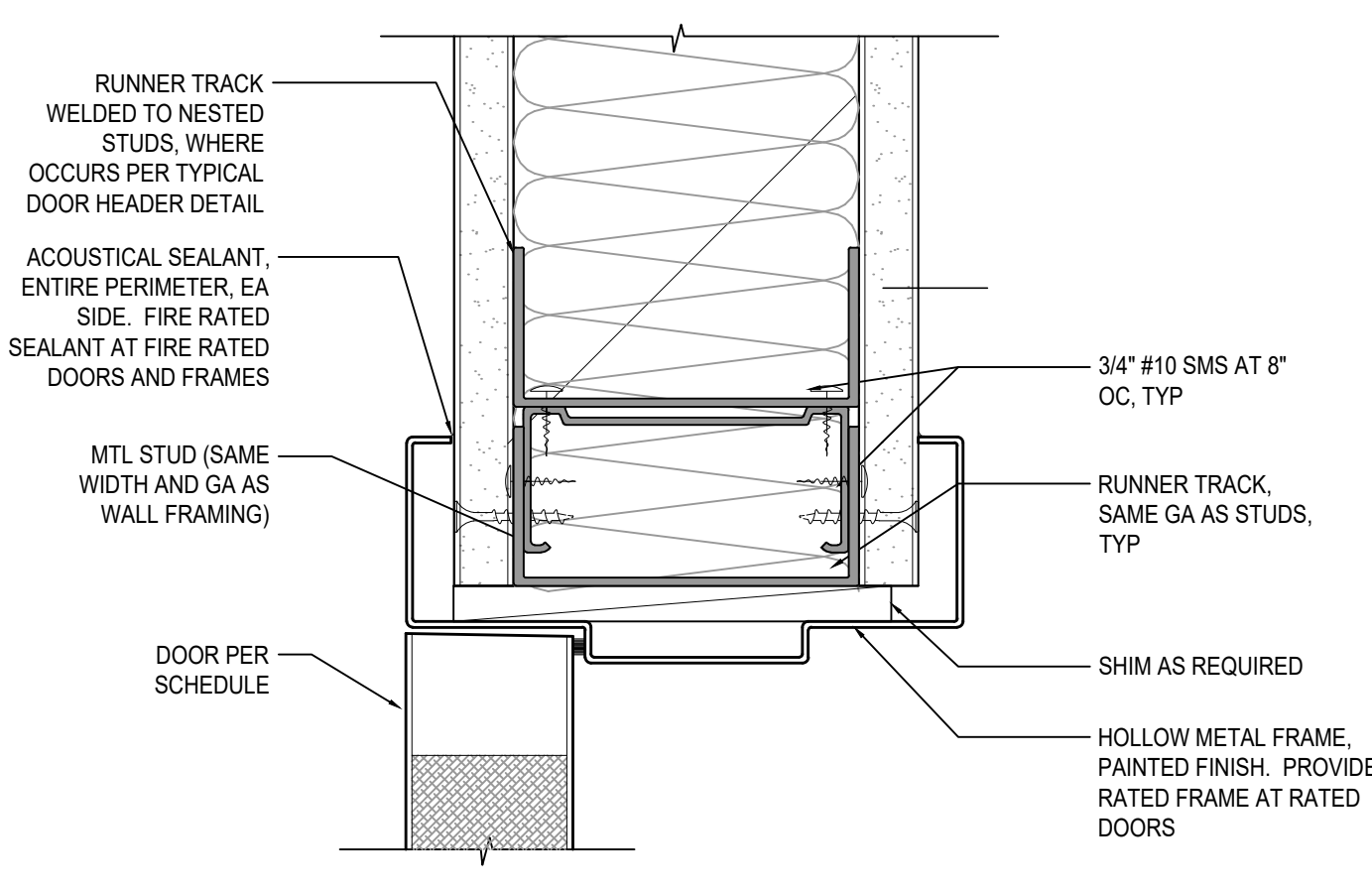
5 DOOR TYPE E
SCALE:



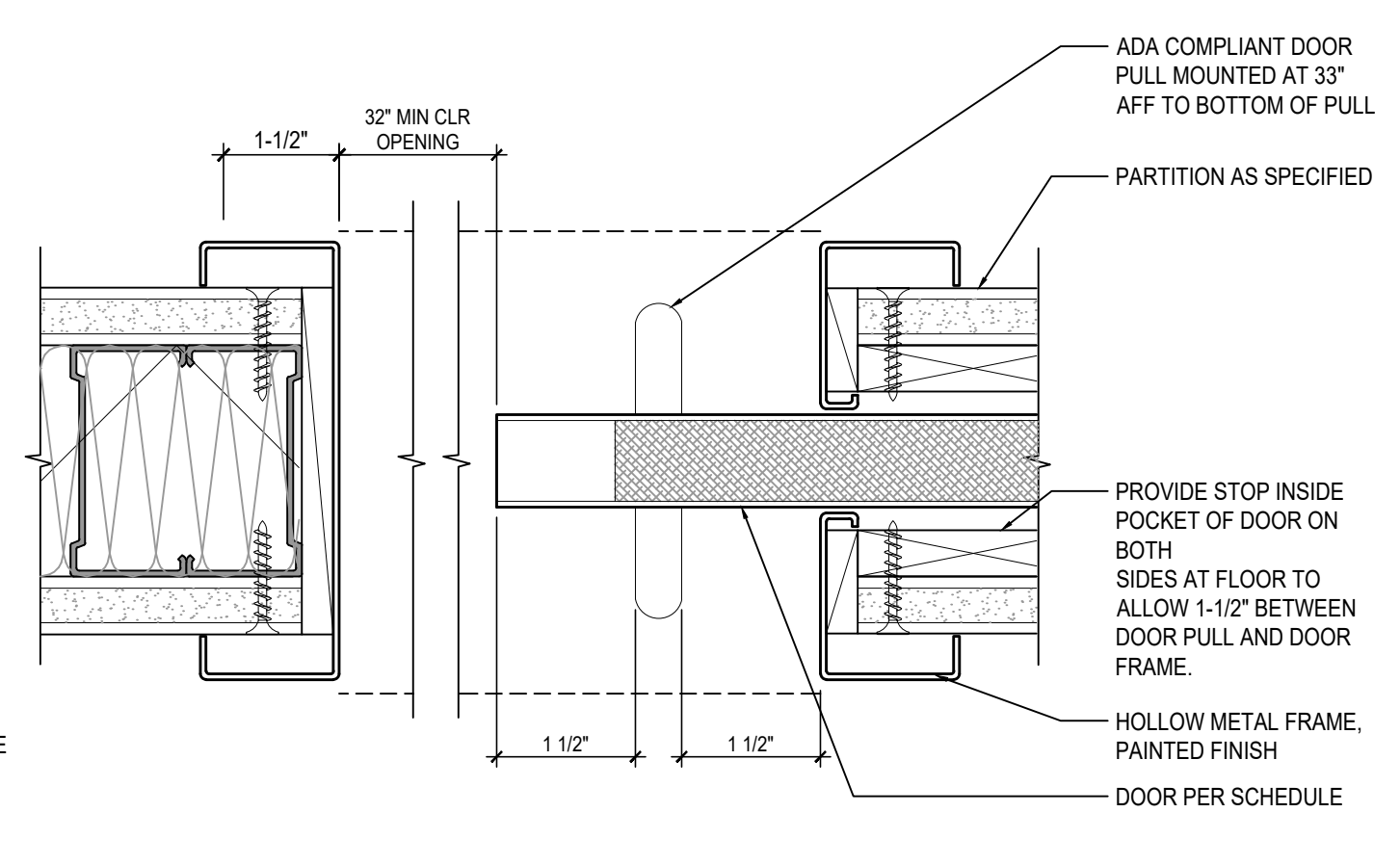
6 DOOR TYPE F
SCALE: 3/8"=1'-0"



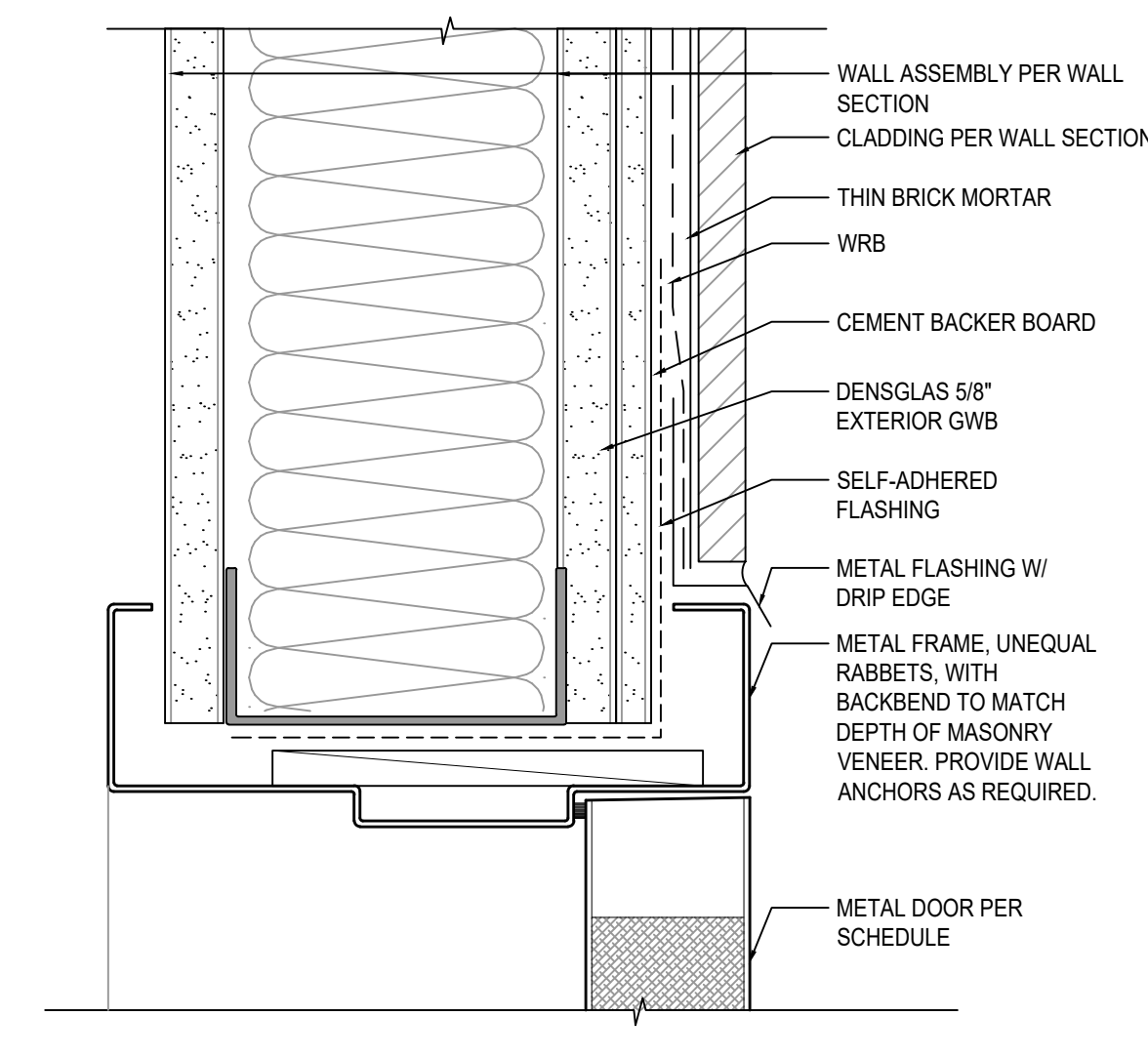
7 DOOR JAMB
SCALE: 6" = 1'-0"



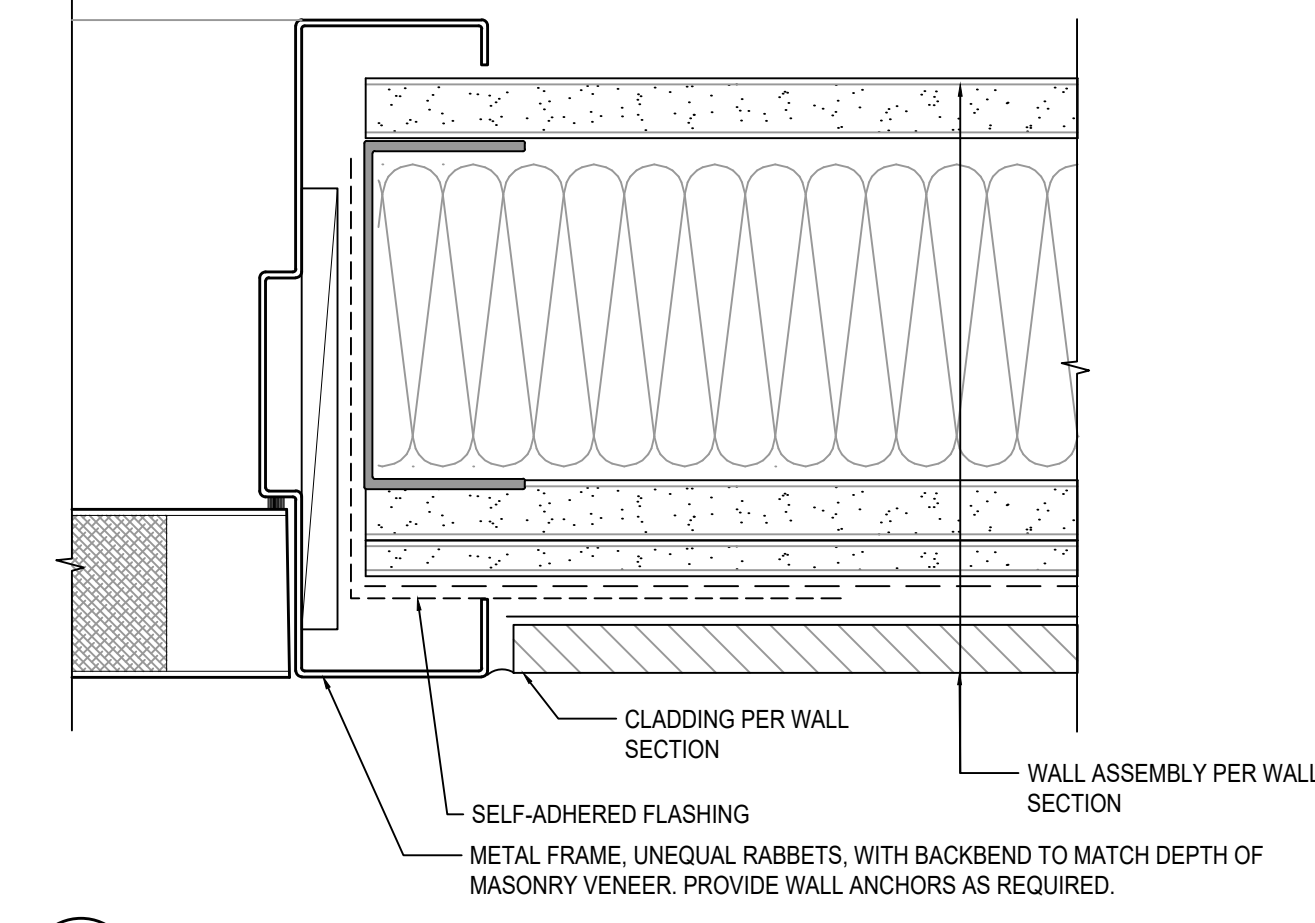
8 DOOR HEAD
SCALE: 6" = 1'-0"



9 POCKET DOOR JAMB
SCALE: 6" = 1'-0"



10 EXTERIOR DOOR HEAD
SCALE: 6" = 1'-0"



13 EXTERIOR DOOR JAMB
SCALE: 6" = 1'-0"

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DOOR ELEVATIONS & DETAILS

I-10.1

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STRUCTURAL NOTES - CONT'D

PROTECTION OF STEEL
STRUCTURAL STEEL AND CONNECTIONS, INCLUDING PLATES AND OTHER STEEL ITEMS EMBEDDED IN CONCRETE, WHICH ARE EXPOSED TO WEATHER AND NOT TO BE PAINTED ACCORDING TO THE ARCHITECT, SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN COMPLIANCE WITH ASTM A 123. ALL FIELD WELDS ON GALVANIZED MATERIAL SHALL BE COATED WITH BRUSH APPLIED ZINC-RICH PAINT COMPLYING WITH THE SPECIFICATIONS.

STRUCTURAL STEEL AND CONNECTIONS SHALL BE FIREPROOFED WHERE REQUIRED BY THE ARCHITECT. PRIMARY AND SECONDARY STRUCTURE ARE TO BE AS DEFINED BY THE IBC. STRUCTURAL MEMBERS SHALL BE ASSUMED TO BE IN A THERMAL UNRESTRAINED CONDITION FOR THE PURPOSES OF DETERMINING FIREPROOFING THICKNESS. UL DESIGN SHALL BE IN ACCORDANCE WITH LRFD DESIGN METHODOLOGY.

WHERE SPRAY-APPLIED CEMENTITIOUS FIREPROOFING IS EXPOSED TO WEATHER, STRUCTURAL STEEL SHALL BE CONSIDERED EXPOSED TO WEATHER, AND SHALL BE PROTECTED ACCORDINGLY.

ALL COATINGS ARE TO FOLLOW THE SPECIFICATIONS AND PRODUCT MANUFACTURER'S INSTRUCTIONS.

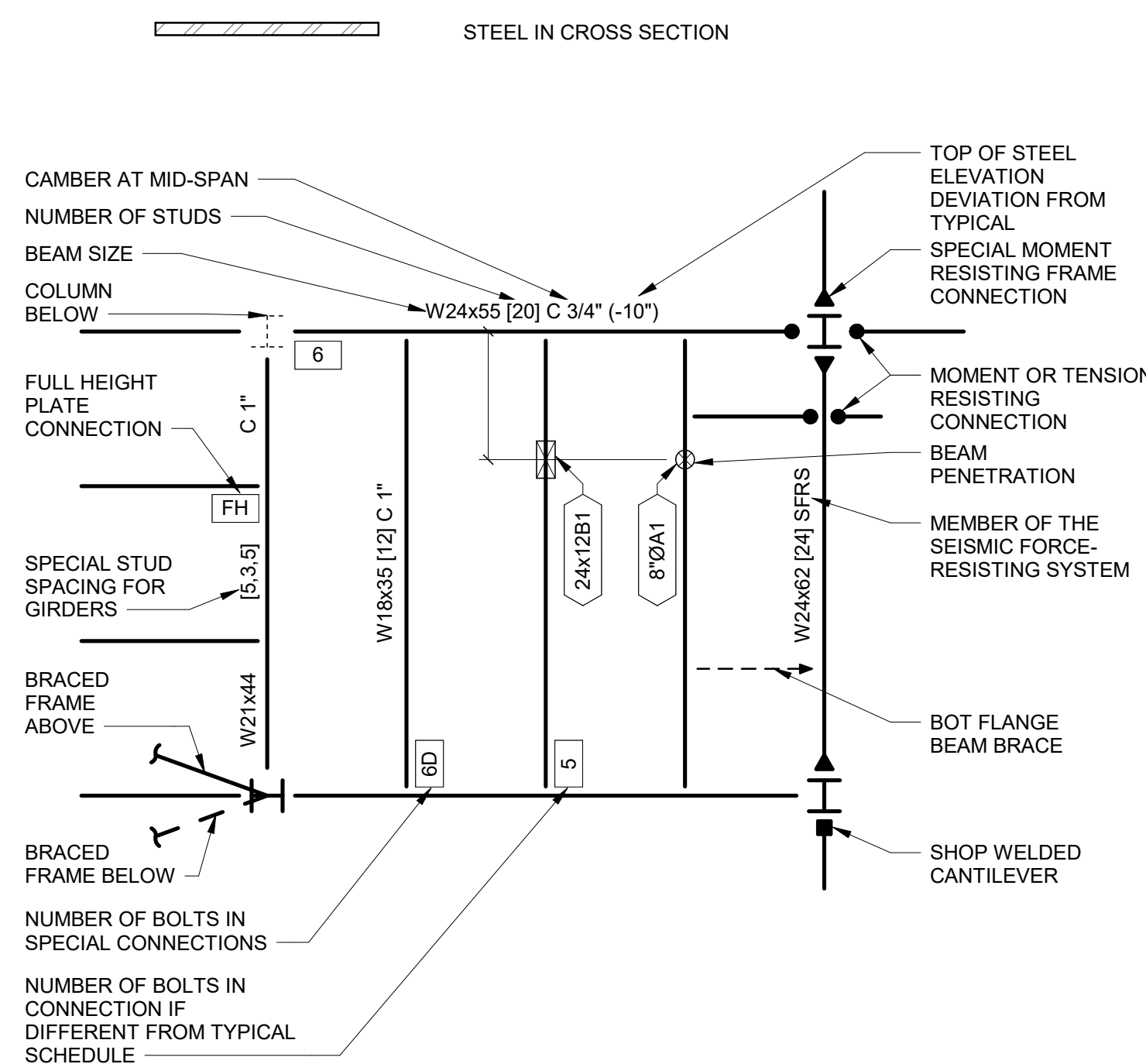
WELDING
ALL WELDING SHALL BE IN CONFORMANCE WITH AISC AND AWS STANDARDS, AND SHALL BE PERFORMED BY AWS-WABQ-CERTIFIED WELDERS. ONLY WELDS THAT ARE PREQUALIFIED, AS DEFINED BY AWS, OR QUALIFIED BY TESTING SHALL BE USED. SHOP DRAWINGS SHALL SHOW ALL WELDING WITH AWS A2.4 SYMBOLS. WELDS SHOWN ON THE DRAWINGS ARE MINIMUM SIZES. INCREASE WELD SIZE TO AWS MINIMUM SIZES BASED ON THICKNESS. MINIMUM WELD SIZE SHALL BE 3/16-INCH, UNLESS NOTED OTHERWISE. THE WELDS SHOWN ARE FOR THE FINAL CONNECTIONS. FIELD WELD SYMBOLS ARE SHOWN WHERE FIELD WELDS ARE REQUIRED BY THE STRUCTURAL DESIGN. WHERE FIELD WELD IS NOT INDICATED, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING IF A WELD SHOULD BE SHOP OR FIELD-WELDED IN ORDER TO FACILITATE THE STRUCTURAL STEEL ERECTION.

STRUCTURAL ABBREVIATIONS

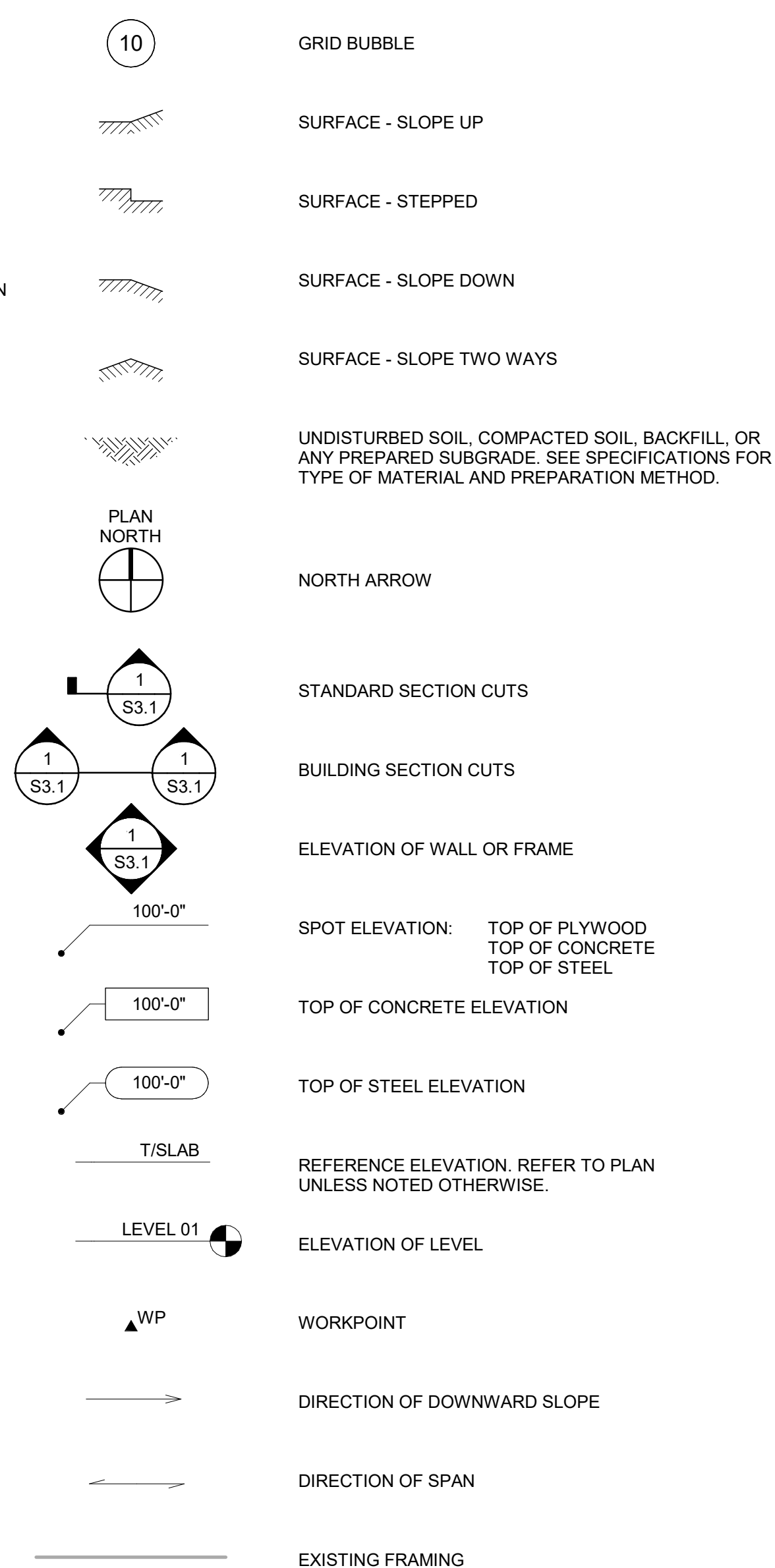
AB	ANCHOR BOLT
ADD'L	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
ANCH	ANCHOR
ARCH	ARCHITECTURAL
B/	BOTTOM OF
BLDG	BUILDING
BM	BEAM
BOT	BOTTOM
CIP	CAST-IN-PLACE
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLR	CLEAR
CONC	CONCRETE
CONN	CONNECTION
CONT	CONTINUOUS
CTR	CENTER
DBA	DEFORMED BAR ANCHOR
DCW	DEMAND CRITICAL WELD
DEMO	DEMOLISH
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DO	DITTO
DWF	DEFORMED WIRE FABRIC
DWG	DRAWING
DWL	DOWEL
EA	EACH
EL	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EX	EXISTING
FF	FINISH FLOOR
FLG	FLANGE
FLR	FLOOR
FOB	FACE OF BUILDING
FT	FEET
GA	GAUGE
GALV	GALVANIZED
GEN	GENERAL
GR	GRADE
HK	HOOK
HORIZ	HORIZONTAL
HSS	HOLLOW STRUCTURAL SECTION
IBC	INTERNATIONAL BUILDING CODE
IF	INSIDE FACE
IN	INCH
INT	INTERIOR
JT	JOINT
LFH	LONG FACE HORIZONTAL
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNGT	LONGITUDINAL
LP	LOW POINT
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
NOM	NOMINAL
OPNG	OPENING
OPP	OPPOSITE
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POST-TENSIONED
REINF	REINFORCING
REM	REMAIN(ER)
REQ'D	REQUIRED
SCHED	SCHEDULE
SIM	SIMILAR
STD	STANDARD
STIFF	STIFFENER
STIRR	STIRRUP
STL	STEEL
STRUCT	STRUCTURAL
SUPP	SUPPORT
T&B	TOP AND BOTTOM
T/	TOP OF
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UT	ULTRASONIC TESTING
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	W-SHAPE
WI	WITH
W/O	WITHOUT
WHS	WELDED HEADED STUD
WSBC	WASHINGTON STATE BUILDING CODE

STRUCTURAL DRAWING SYMBOLS

STEEL SYMBOLS



GENERAL SYMBOLS



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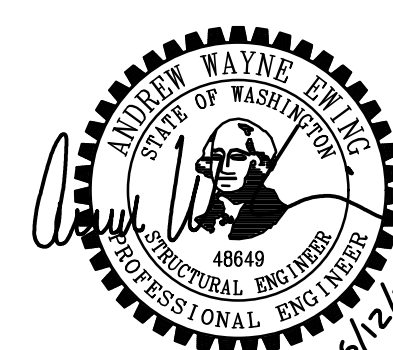
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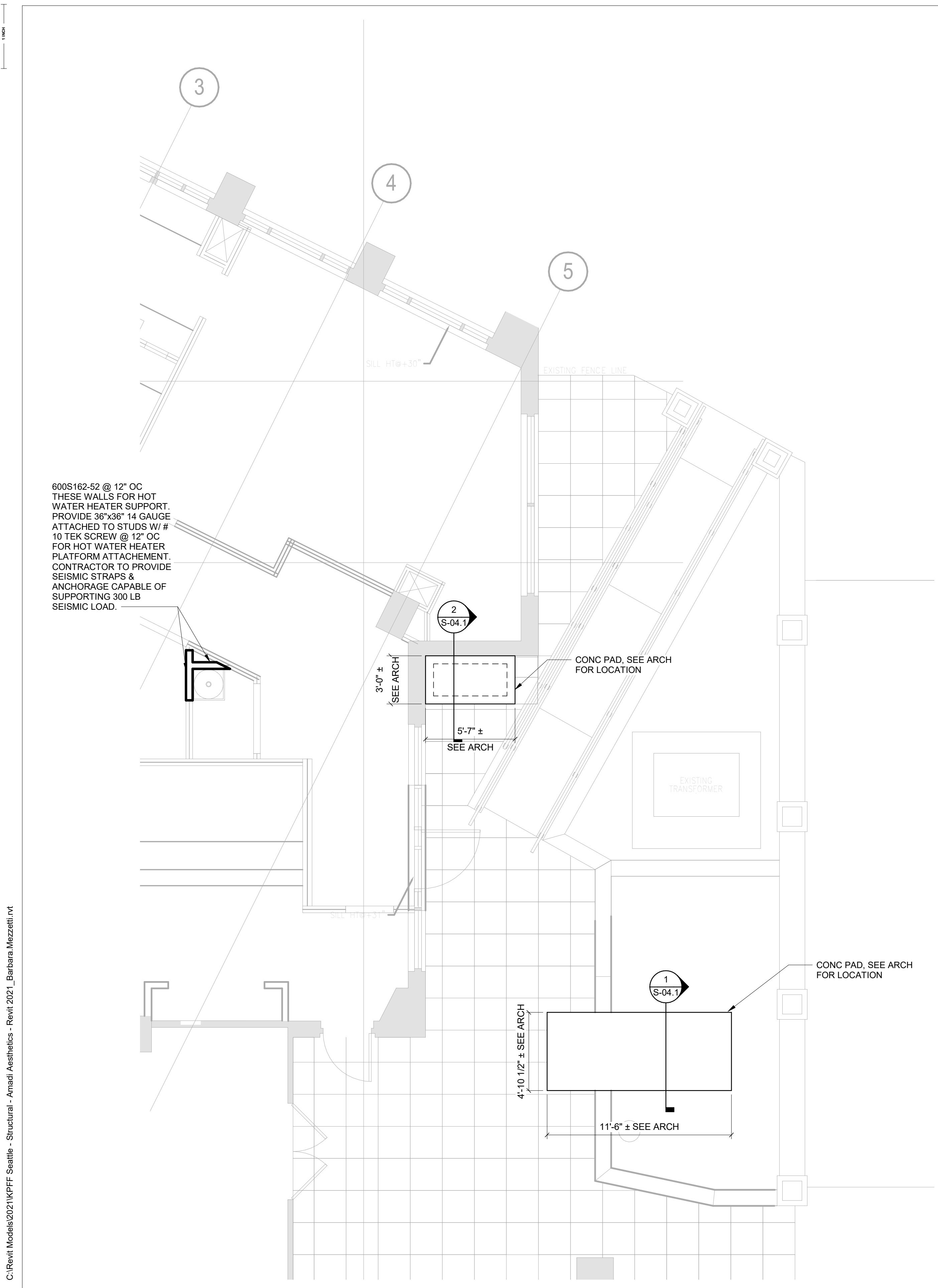
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No	Issue Description	Date
	PERMIT SET	6-12-23



STRUCTURAL NOTES,
ABBREVIATIONS AND
SYMBOLS

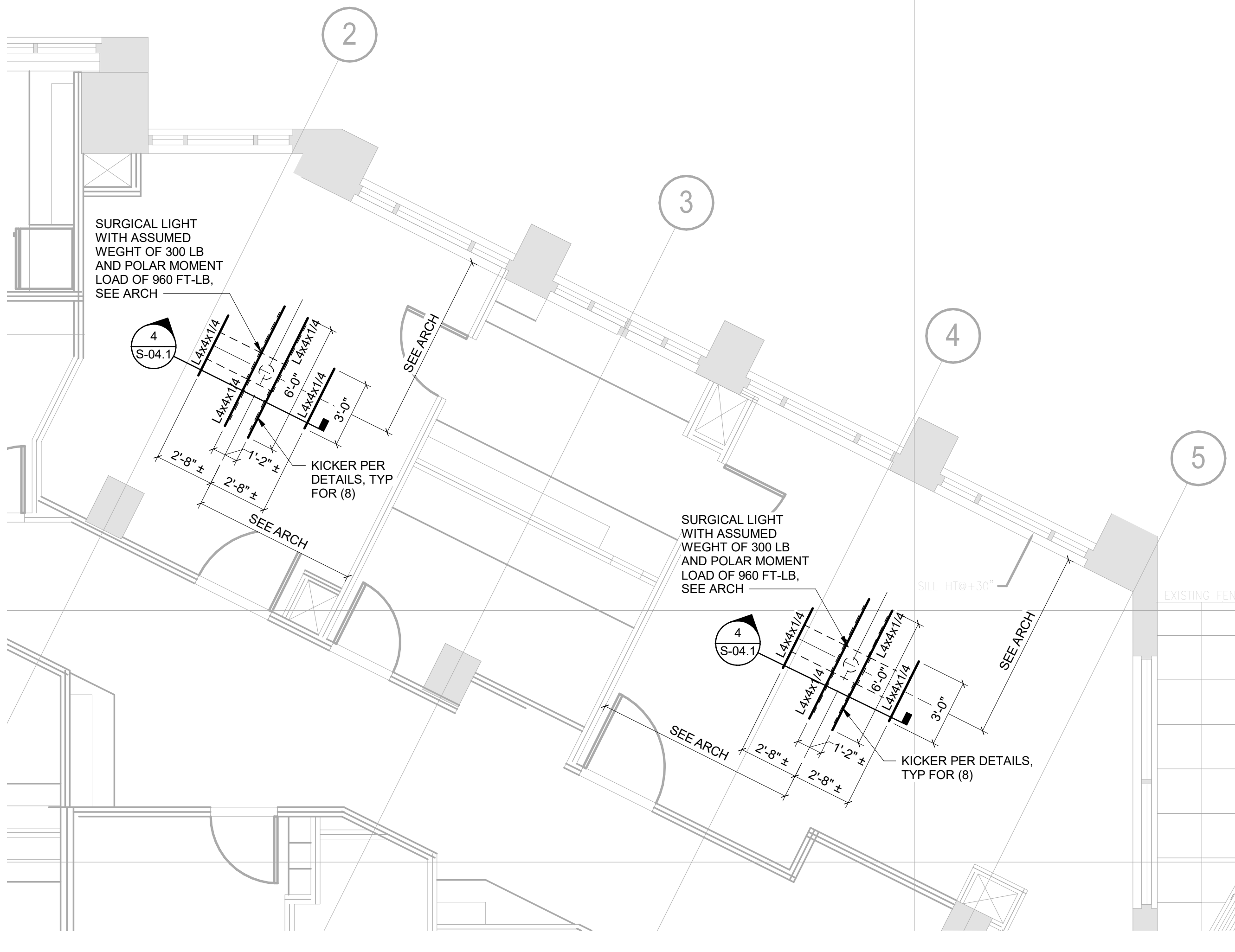
S-01.2



1 GROUND FLOOR FRAMING PLAN

1/4" = 1'-0"

PLAN NORTH



NOTES:

1. L4x4x1/4 ANGLES ATTACHED TO UNDERSIDE OF EXISTING 2ND FLOOR CONCRETE SLAB.
2. CONTRACTOR TO FIELD VERIFY EXISTING CONCRETE REINFORCEMENT & POST TENSIONING TENDONS PRIOR TO PLACING ANCHORS. EXISTING REINFORCEMENT & TENDONS MUST REMAIN UNDAIMAGE.

2 SECOND FLOOR FRAMING PLAN

1/4" = 1'-0"

PLAN NORTH

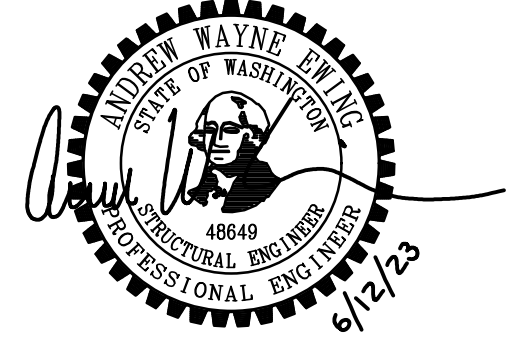


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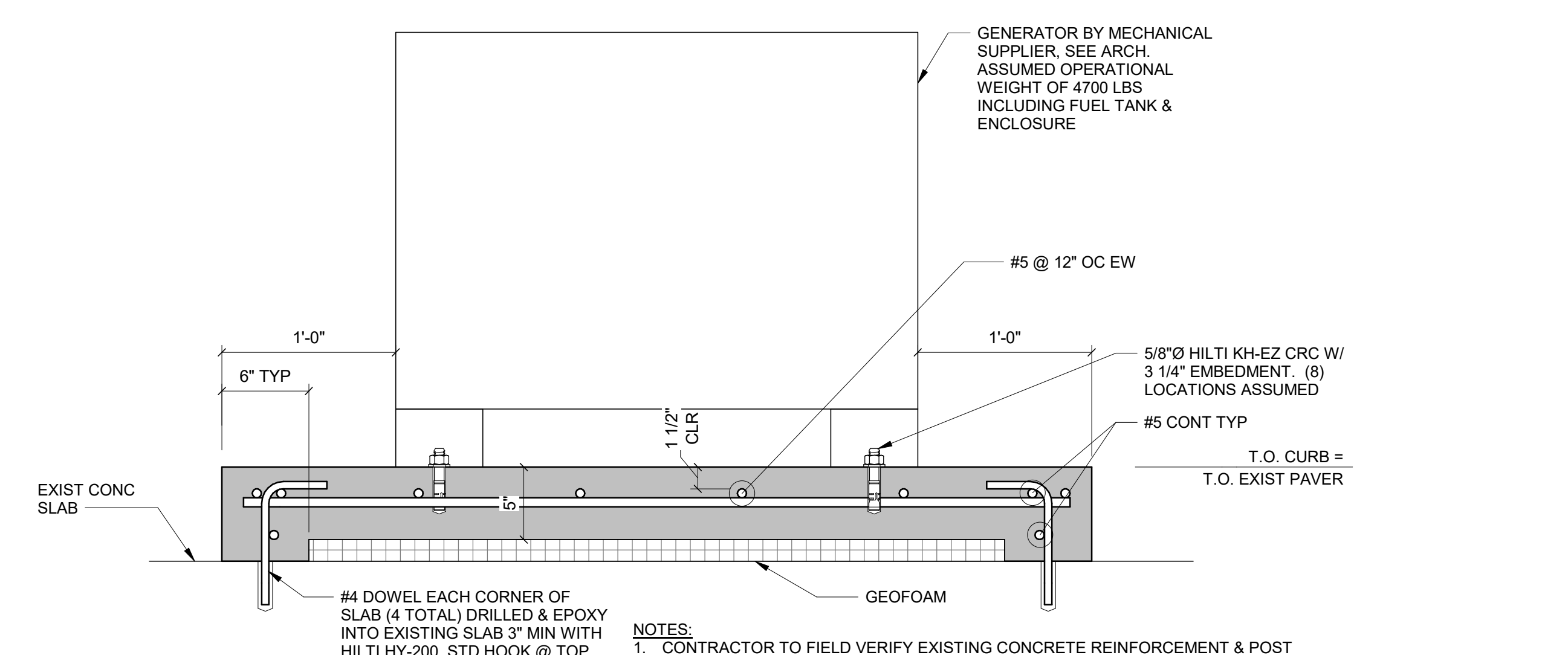
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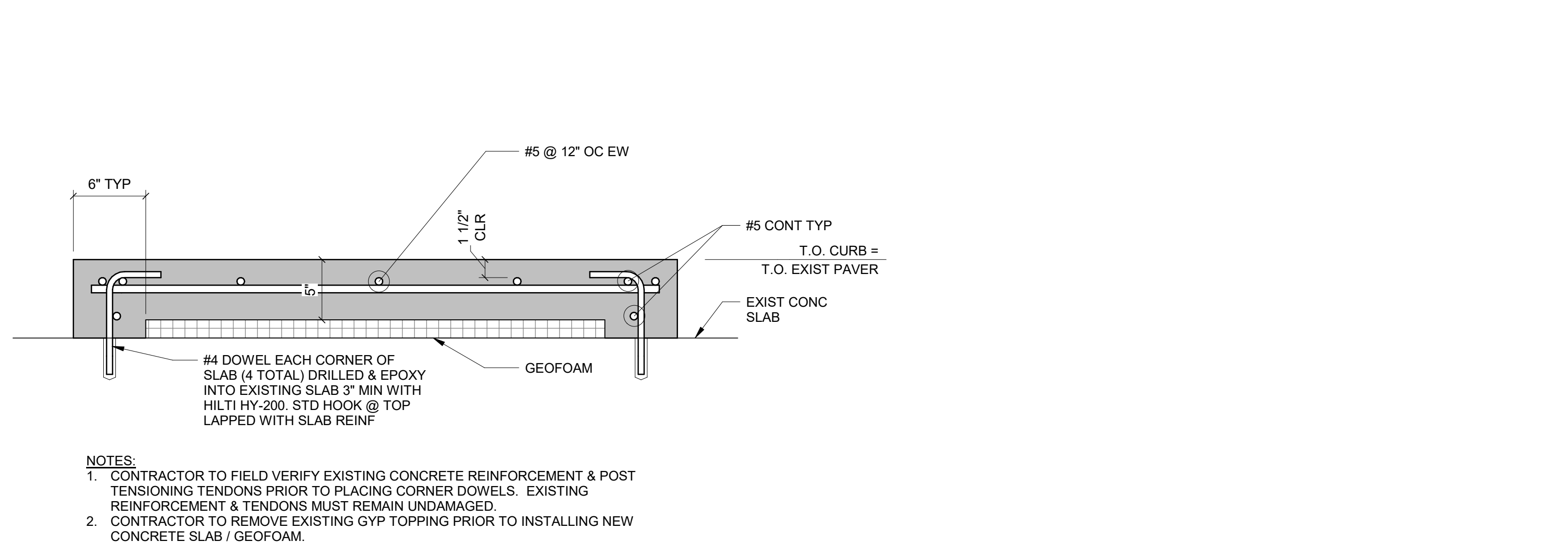


REGISTRATION STAMP
FRAMING PLAN

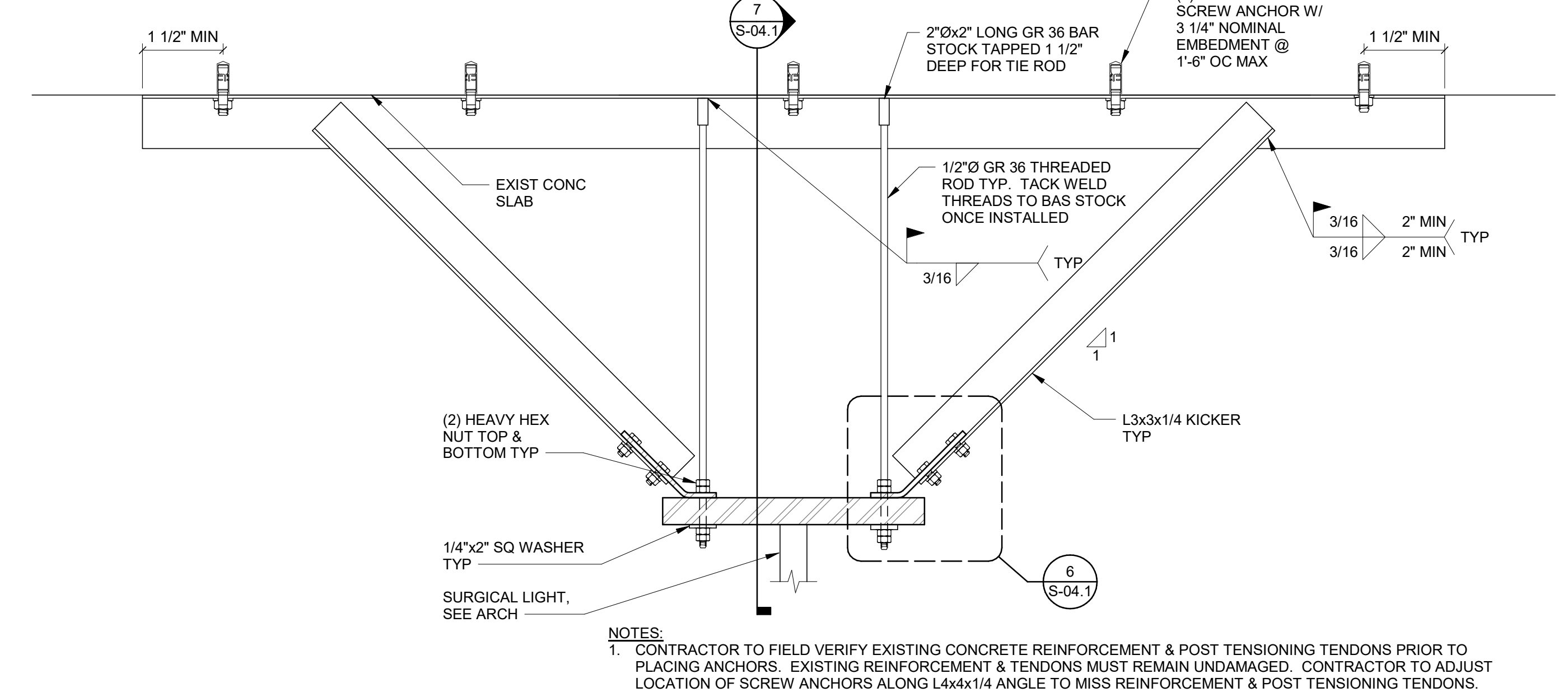
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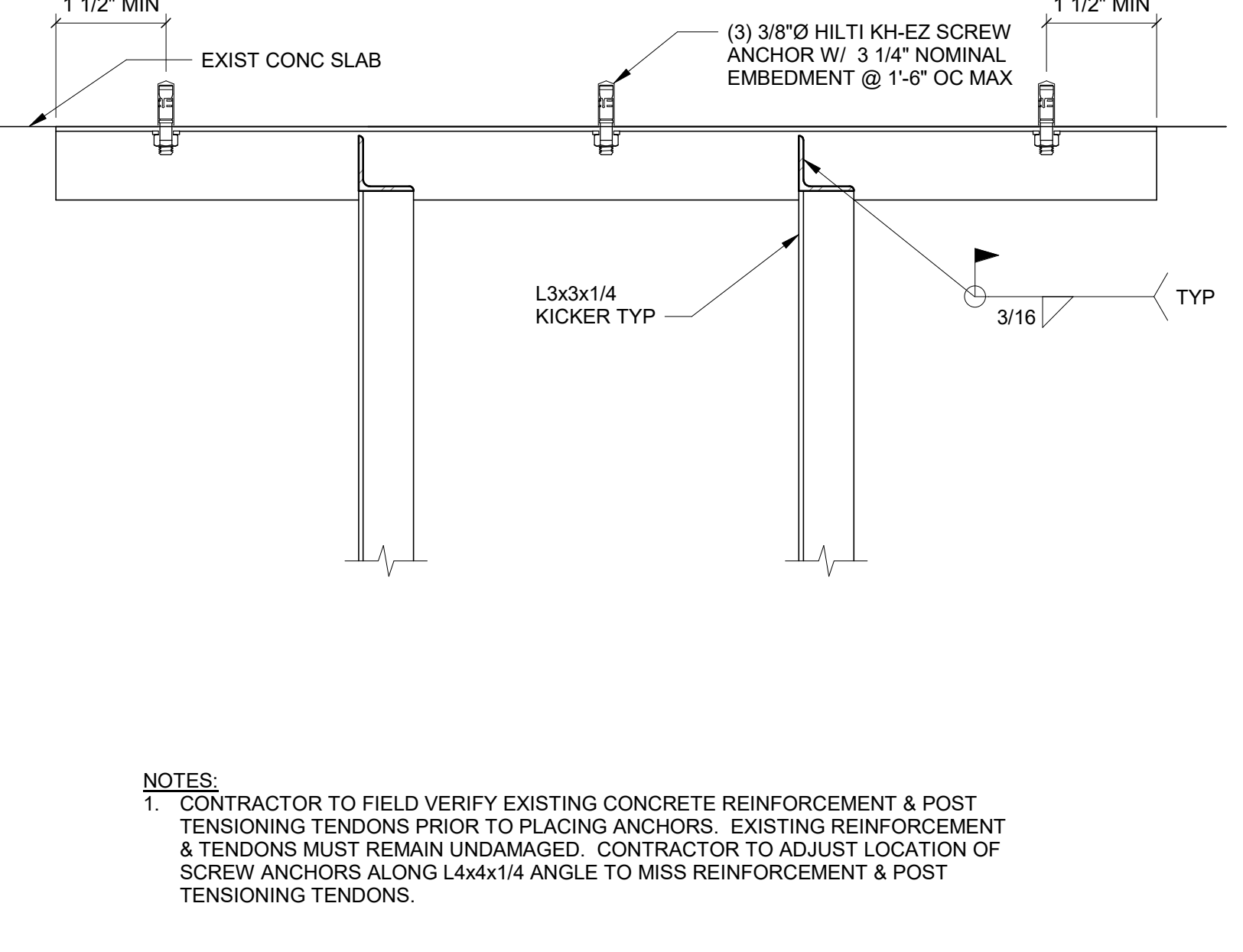
1 GENERATOR CONCRETE SLAB
NO SCALE



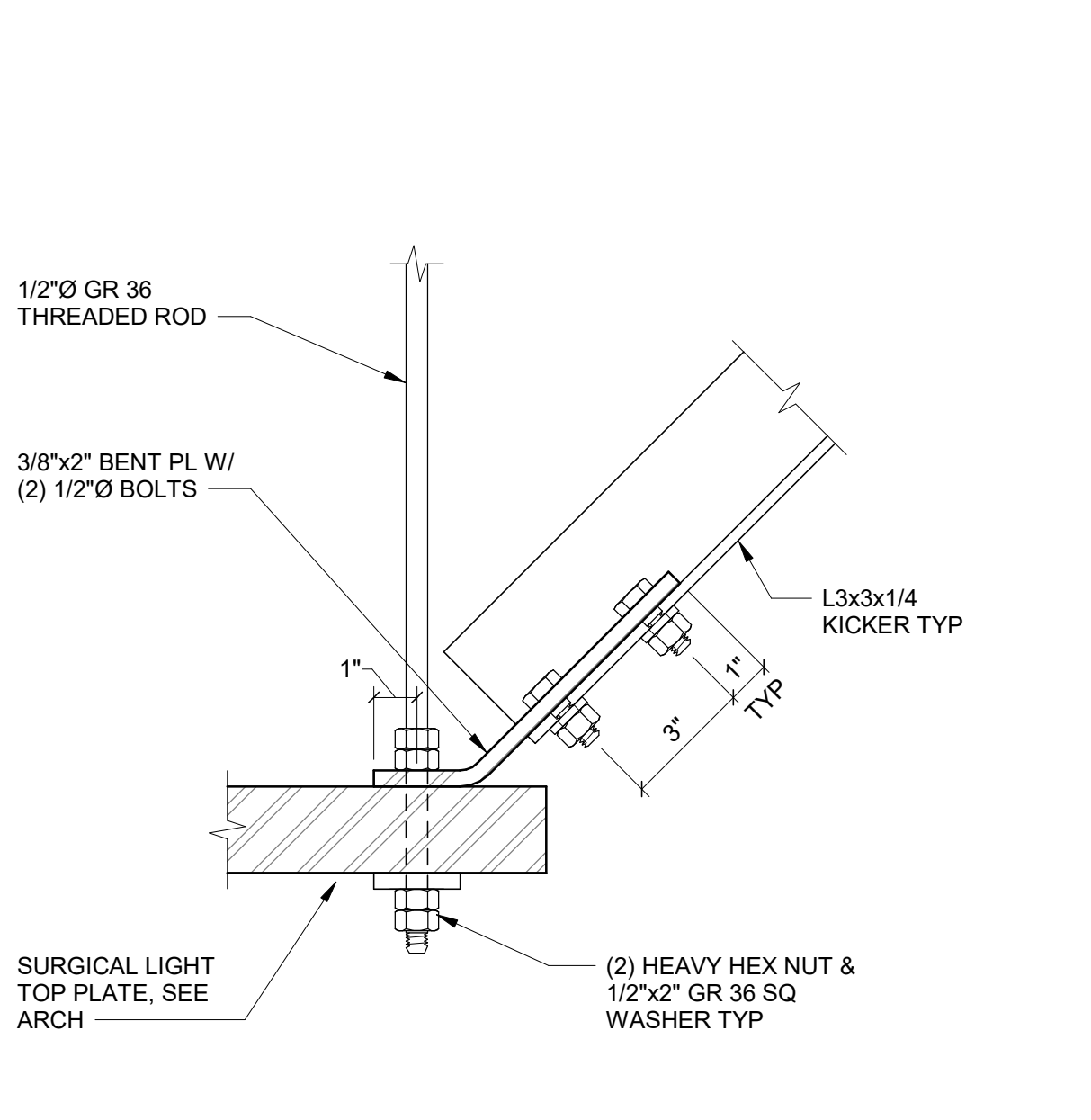
2 GAS STORAGE CONCRETE SLAB
NO SCALE



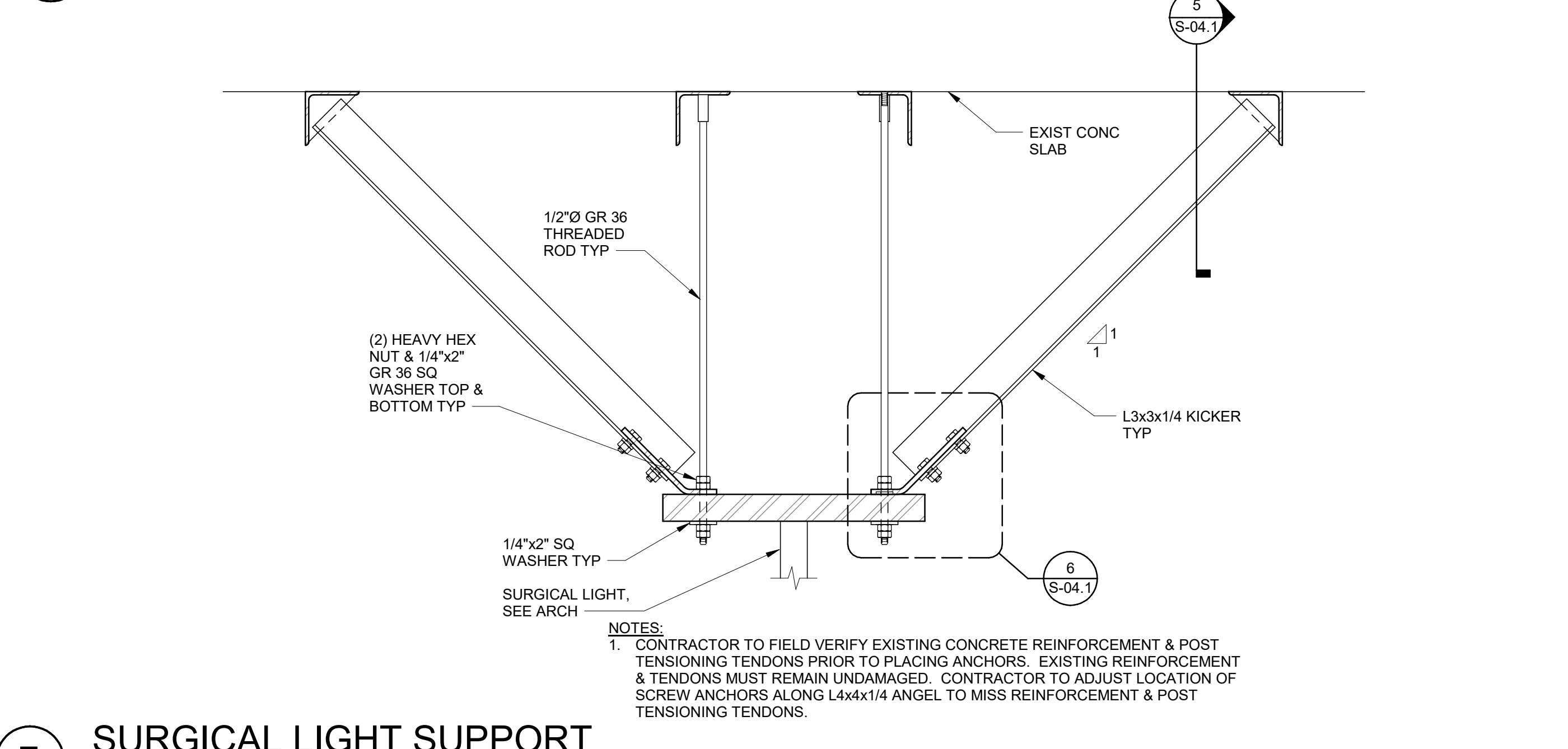
4 SURGICAL LIGHT SUPPORT
1 1/2" = 1'-0"



5 SURGICAL LIGHT SUPPORT
1 1/2" = 1'-0"



6 DETAILS
3" = 1'-0"



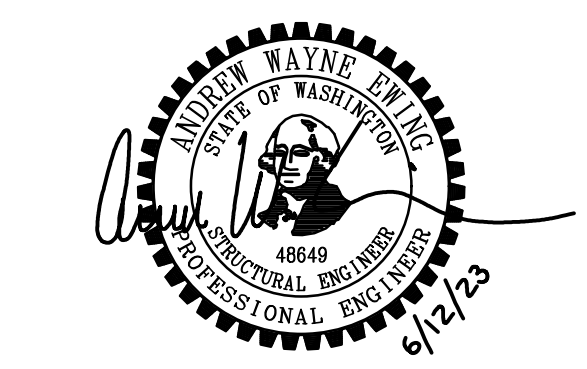
7 SURGICAL LIGHT SUPPORT
1 1/2" = 1'-0"

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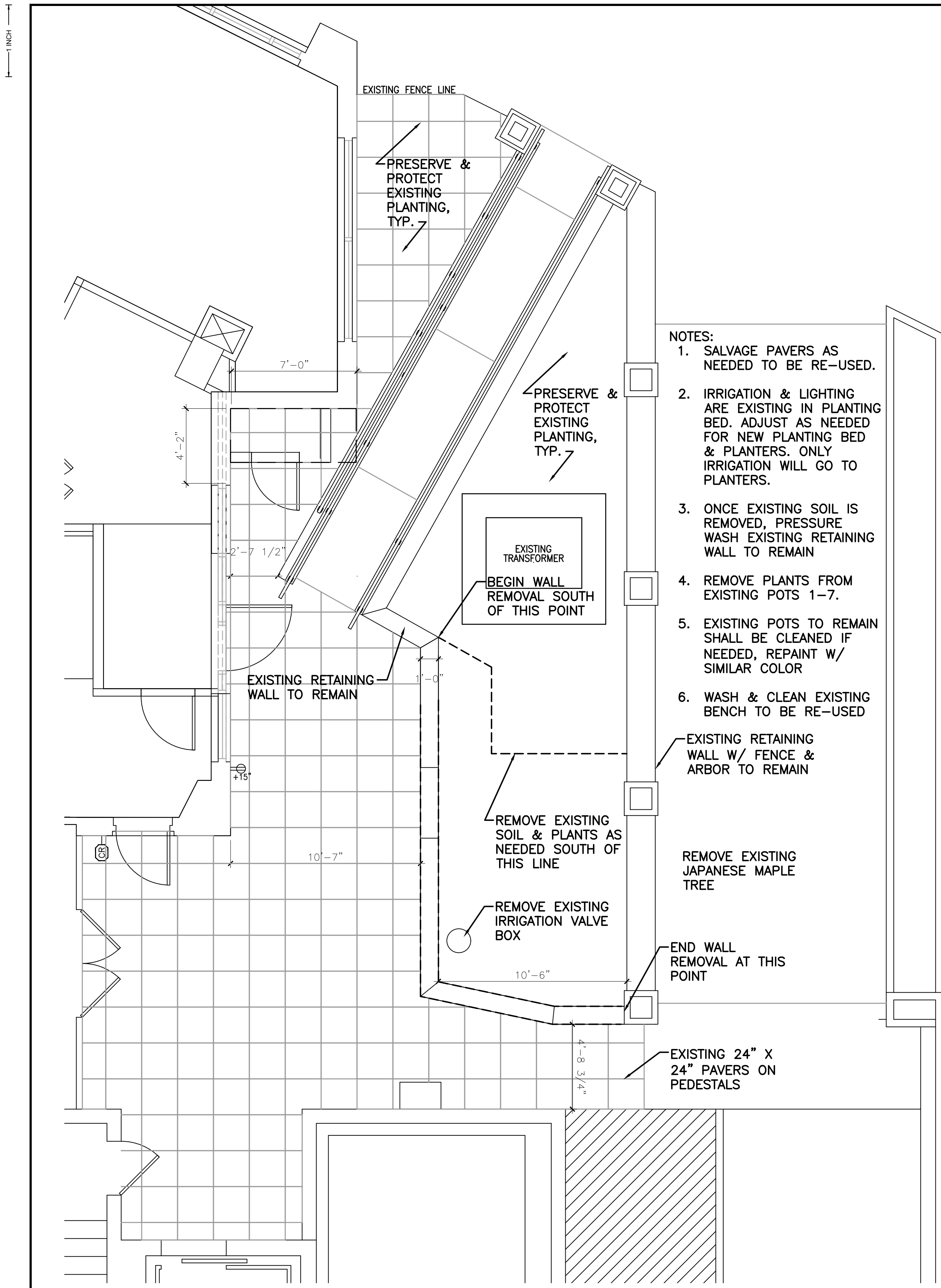
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ANo	Issue Description	Date
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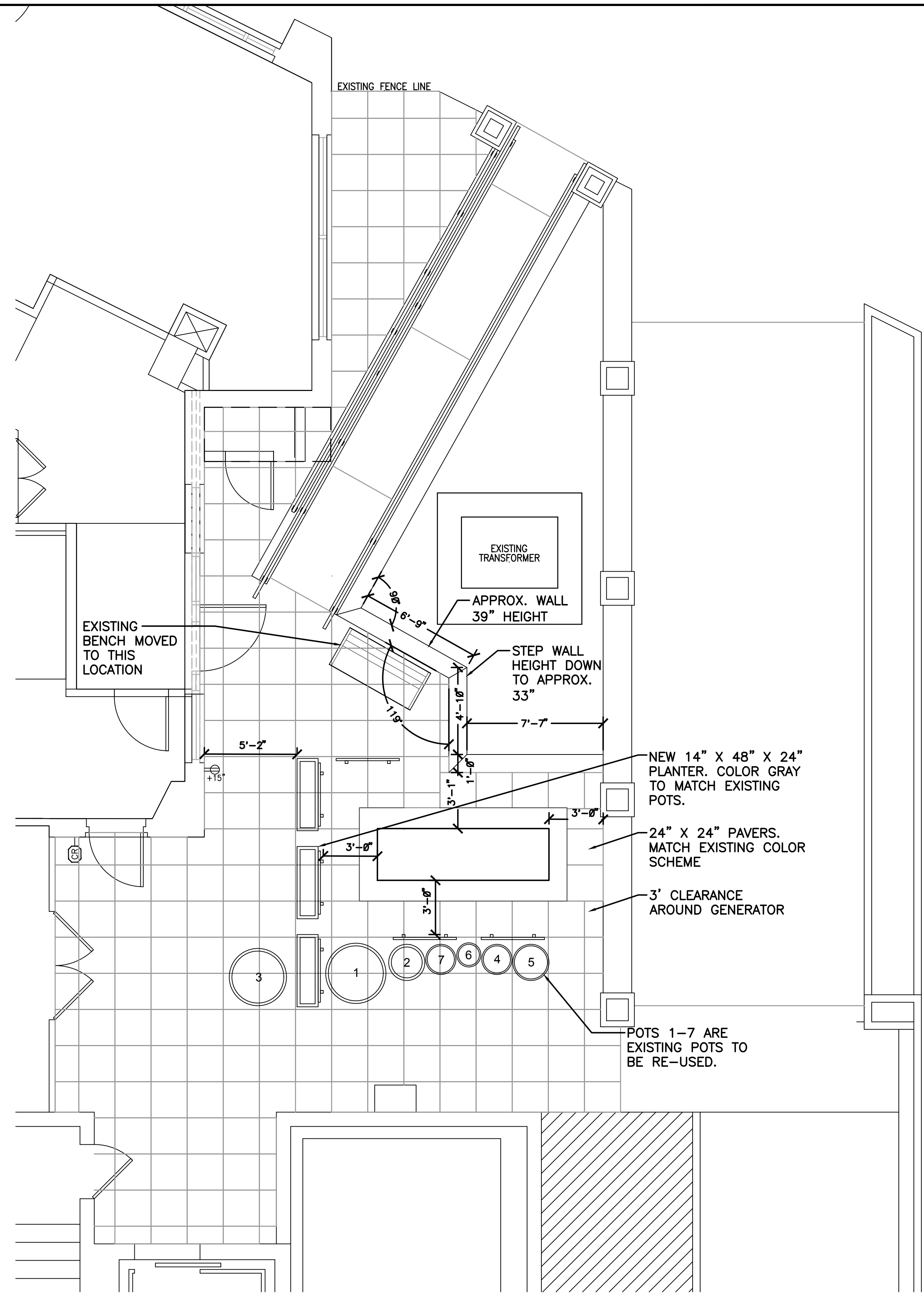
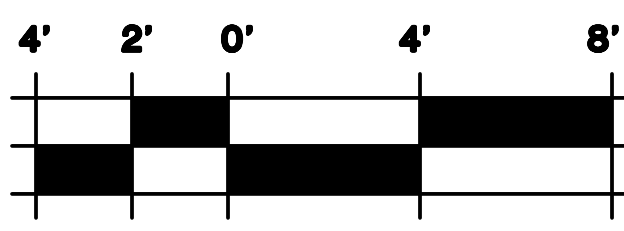
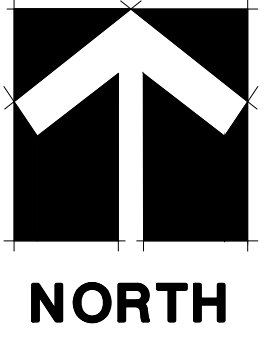
DETAILS

S-04.1
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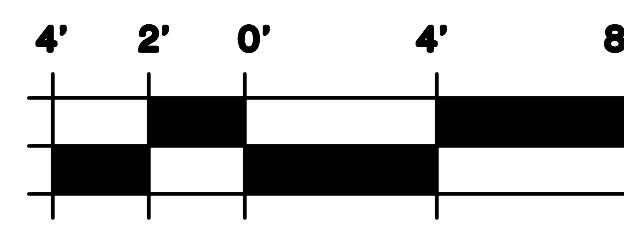
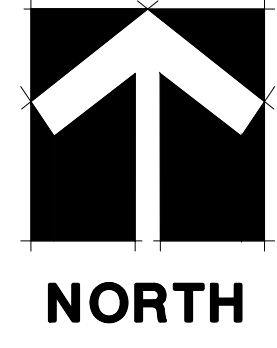


- NOTES:
1. SALVAGE PAVERS AS NEEDED TO BE RE-USED.
 2. IRRIGATION & LIGHTING ARE EXISTING IN PLANTING BED. ADJUST AS NEEDED FOR NEW PLANTING BED & PLANTERS. ONLY IRRIGATION WILL GO TO PLANTERS.
 3. ONCE EXISTING SOIL IS REMOVED, PRESSURE WASH EXISTING RETAINING WALL TO REMAIN
 4. REMOVE PLANTS FROM EXISTING POTS 1-7.
 5. EXISTING POTS TO REMAIN SHALL BE CLEANED IF NEEDED, REPAINT W/ SIMILAR COLOR
 6. WASH & CLEAN EXISTING BENCH TO BE RE-USED

1 DEMOLITION PLAN



2 LAYOUT PLAN

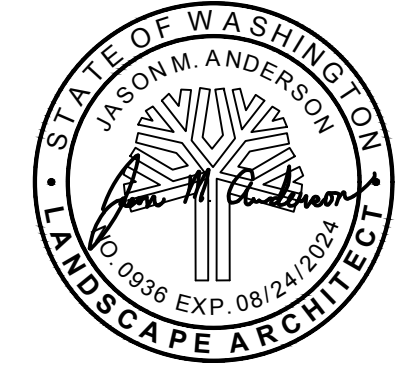


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JURISDICTION STAMP

DEMOLITION PLAN & LAYOUT PLAN

L1.0

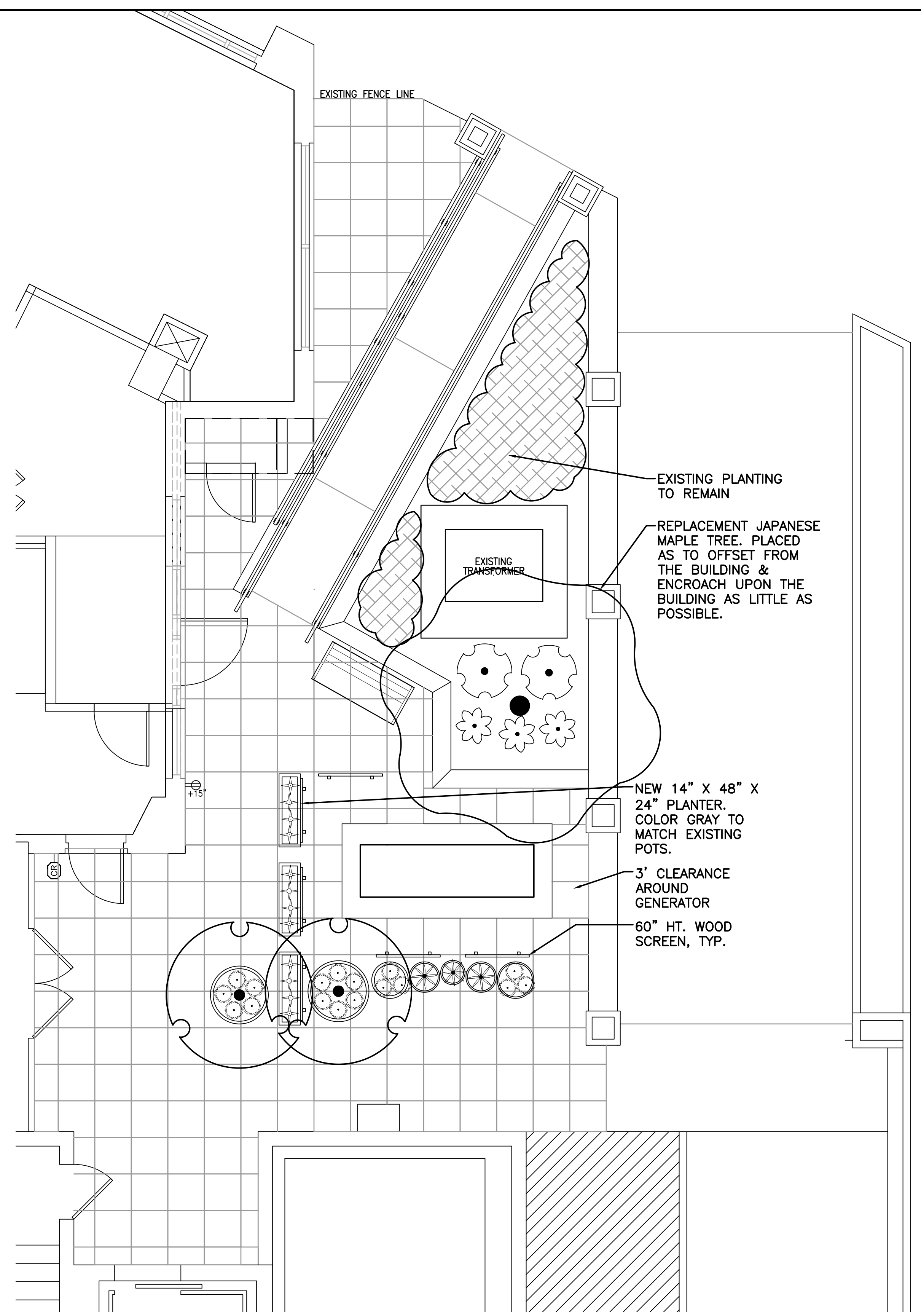
1" = 10'

PLANT SCHEDULE

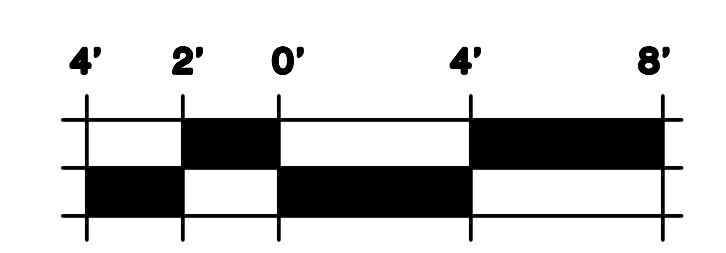
TREES	BOTANICAL / COMMON NAME	CONT	CAL	QTY
	ACER PALMATUM 'SANGO-KAKU' / CORAL BARK JAPANESE MAPLE	B & B	2" CAL. STREET TREE QUALITY	1
	COTINUS COGGYGRIA 'ANCOT' / GOLDEN SPIRIT SMOKE TREE	B & B	1" CAL. STREET TREE QUALITY	2
SHRUBS	BOTANICAL / COMMON NAME	SIZE	FIELD2	QTY
	DAPHNE ODORA 'AUREOMARGINATA' / GOLD-EDGED WINTER DAPHNE	2 GAL		2
	EQUISETUM HYEMALE / HORSETAIL	1 GAL		12
	HAKONECHLOA MACRA 'AUREOLA' / GOLDEN VARIEGATED FOREST GRASS	1 GAL		17
	HOSTA X 'PATRIOT' / PATRIOT HOSTA	1 GAL		3
	POLYSTICHUM POLYBLEPHARUM / JAPANESE TASSEL FERN	1 GAL		3

PLANTING NOTES

1. ANY DISCREPANCIES WITH THE DRAWINGS AND/OR SPEC'S AND SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REP. PRIOR TO PROCEEDING WITH CONSTRUCTION.
2. ALL MATERIALS TO BE DISPOSED OF OFFSITE ARE TO BE DISPOSED OF IN A LAWFUL LANDFILL AND IN ACCORDANCE WITH GOVERNMENT REQUIREMENTS.
3. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. CALL DIAL-A-DIG 811 PRIOR TO DIGGING.
4. AVOID DAMAGE ABOVE AND BELOW GROUND TO EXISTING PLANT MATERIALS TO REMAIN.
5. PLANT MATERIAL LOCATIONS SHALL BE COORDINATED WITH SPRINKLER IRRIGATION HEAD LOCATIONS TO AVOID CONFLICTS.
6. ALL EXISTING LANDSCAPE PLANTING AREAS DISTURBED BY WORK DESCRIBED IN THESE DRAWINGS & SPECIFICATIONS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION.
7. ADJUST EXISTING IRRIGATION SYSTEM AS NEEDED TO MEET NEW CONDITIONS.
8. REINSTALL EXISTING RETAINING DRY STACK WALL SIMILAR TO PREVIOUS INSTALLATION.



1 PLANTING PLAN



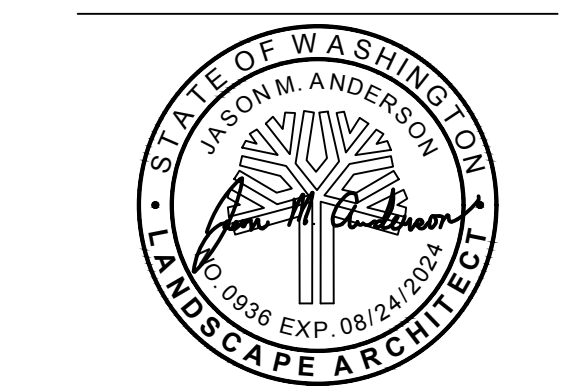
JPC ARCHITECTS

909 112th Avenue NE Suite 206
Bellevue, WA 98004

Amadi Aesthetics
Plastic Surgery
Floor 1
7800 SE 27th Street
Mercer Island, WA 98040

DESIGN JAMZ
DRAWN JA
CHECKED JA
NO. 22-0394

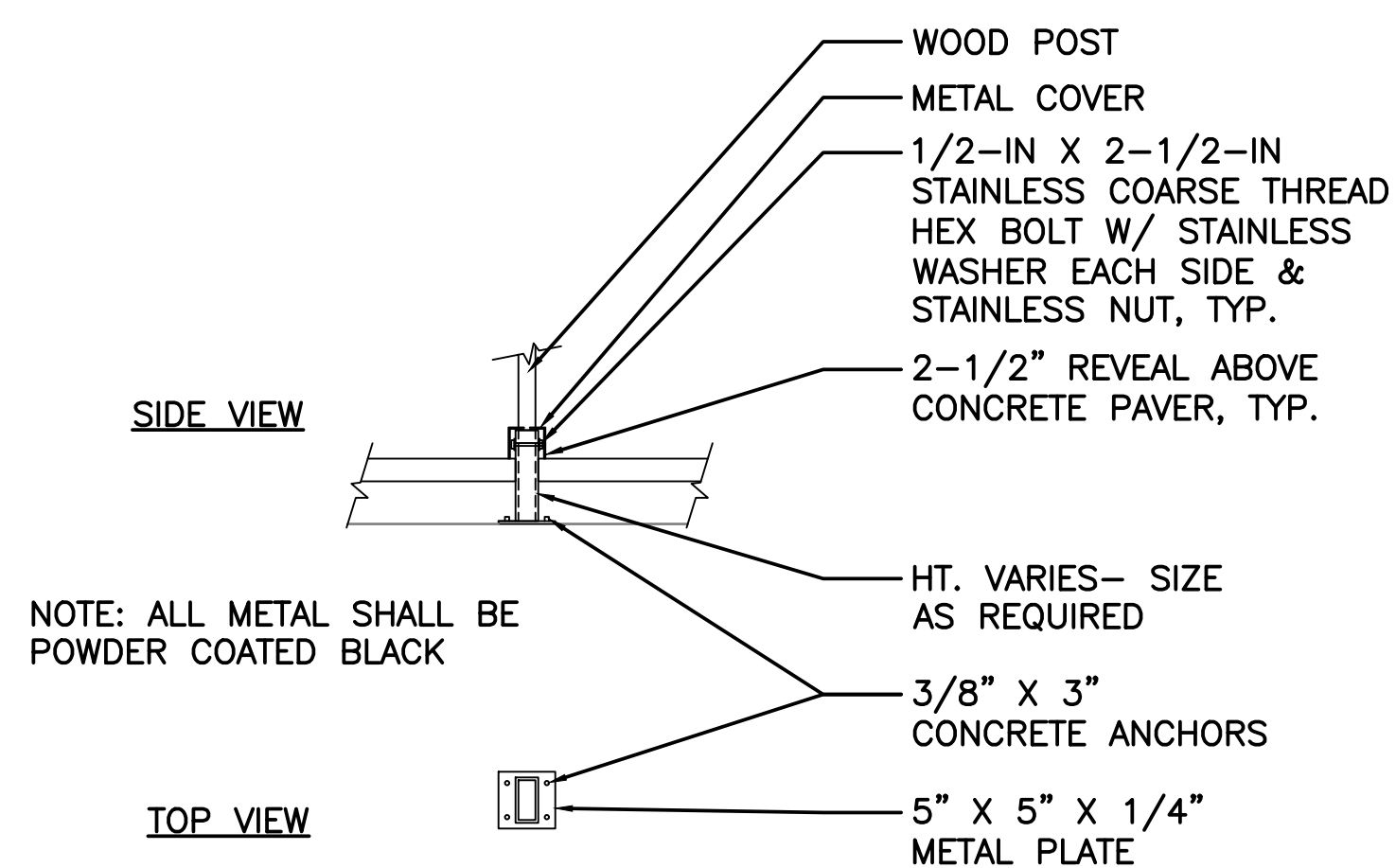
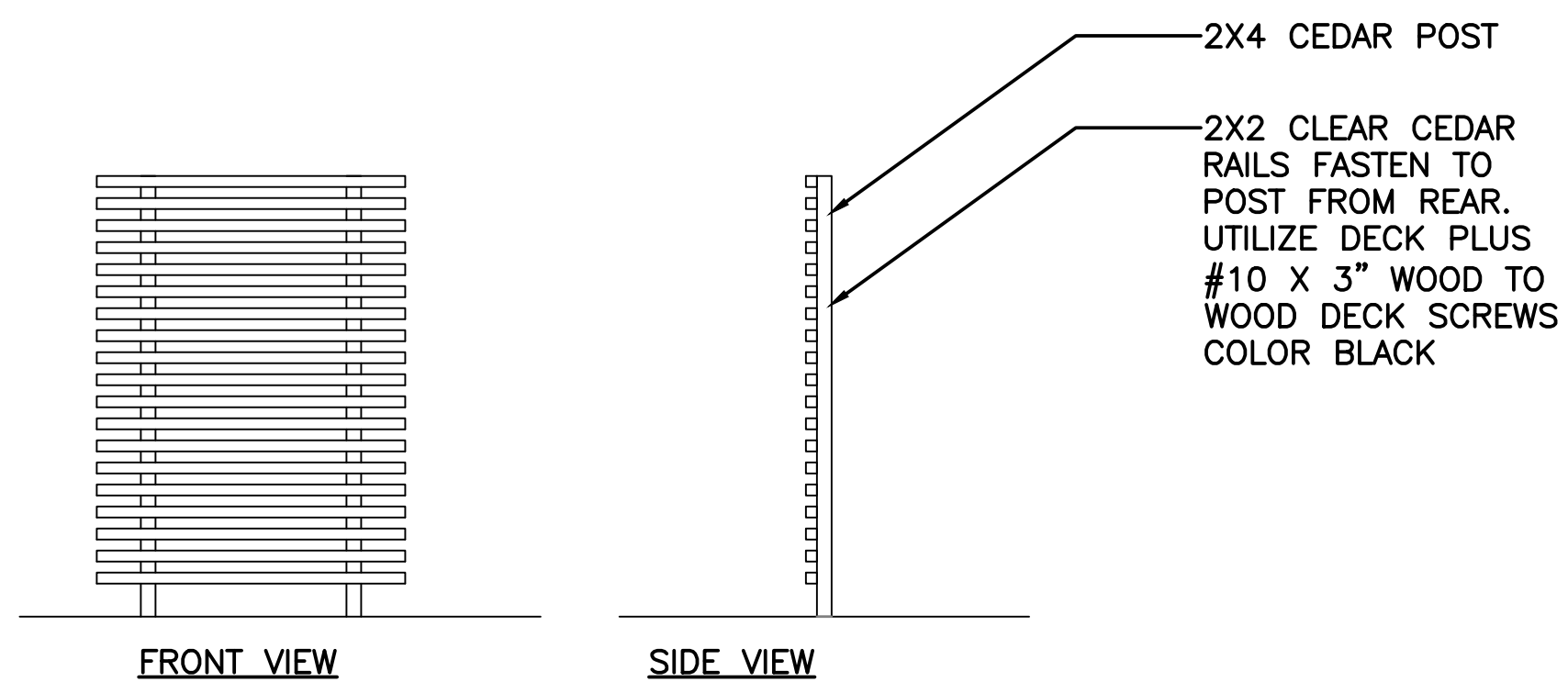
Design Two Four/Two Six
14835 161ST COURT SE
RENTON, WA 98059-8819
ph. (425) 881-2426
crl. (206) 335-7719
www.design2426.com



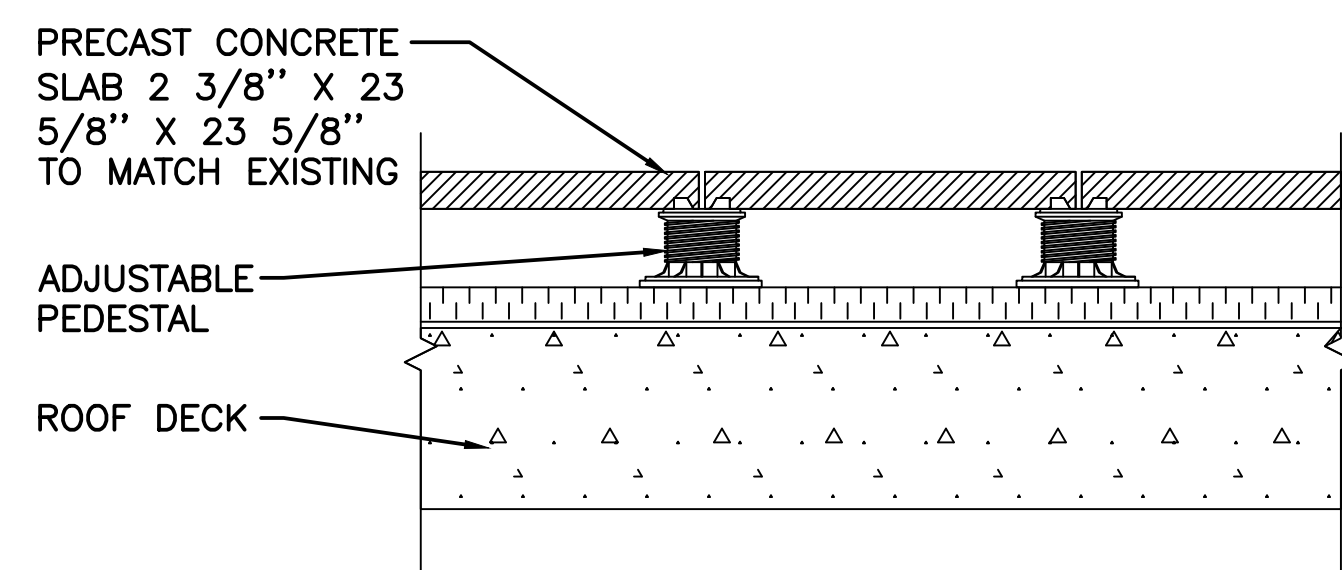
JURISDICTION STAMP
**PLANTING PLAN,
PLANTING
SCHEDULE, & NOTES**

L1.1

1" = 1/8" INCH

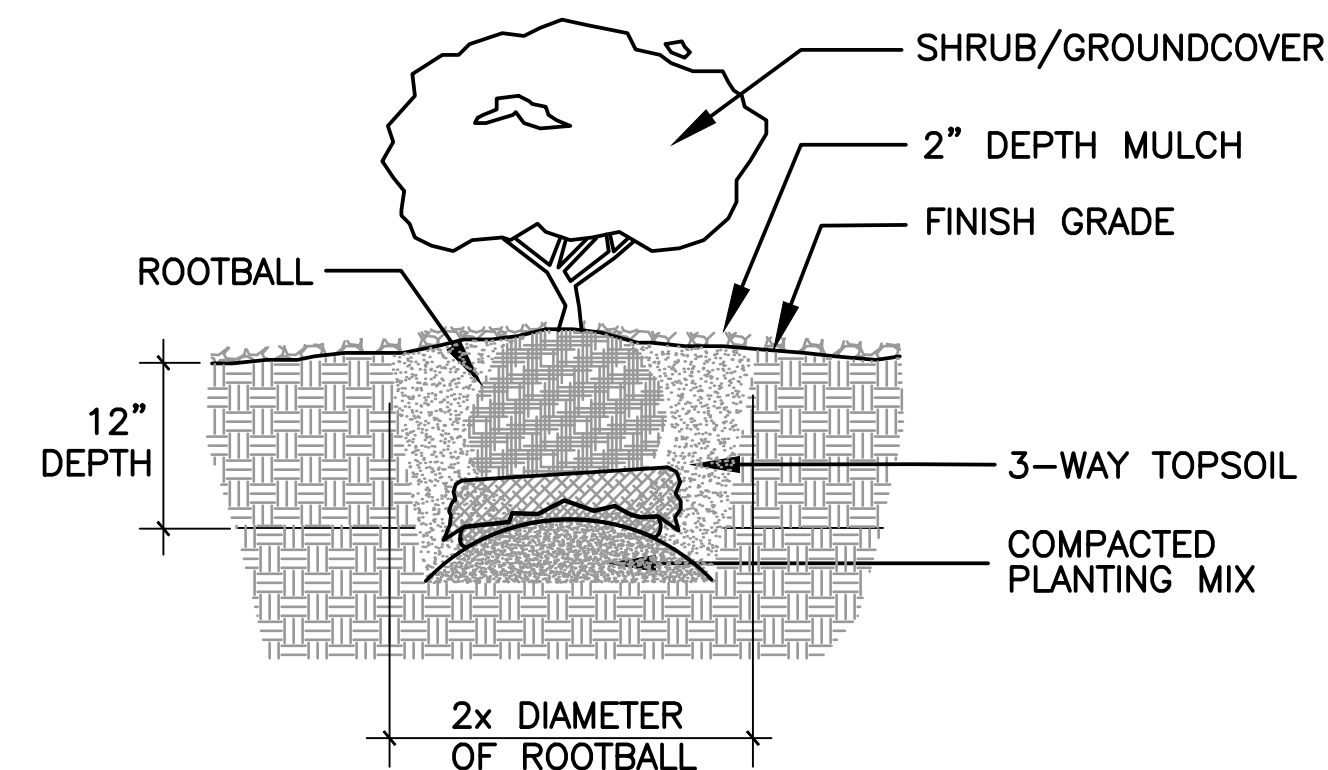


1 VEGETATION SCREEN

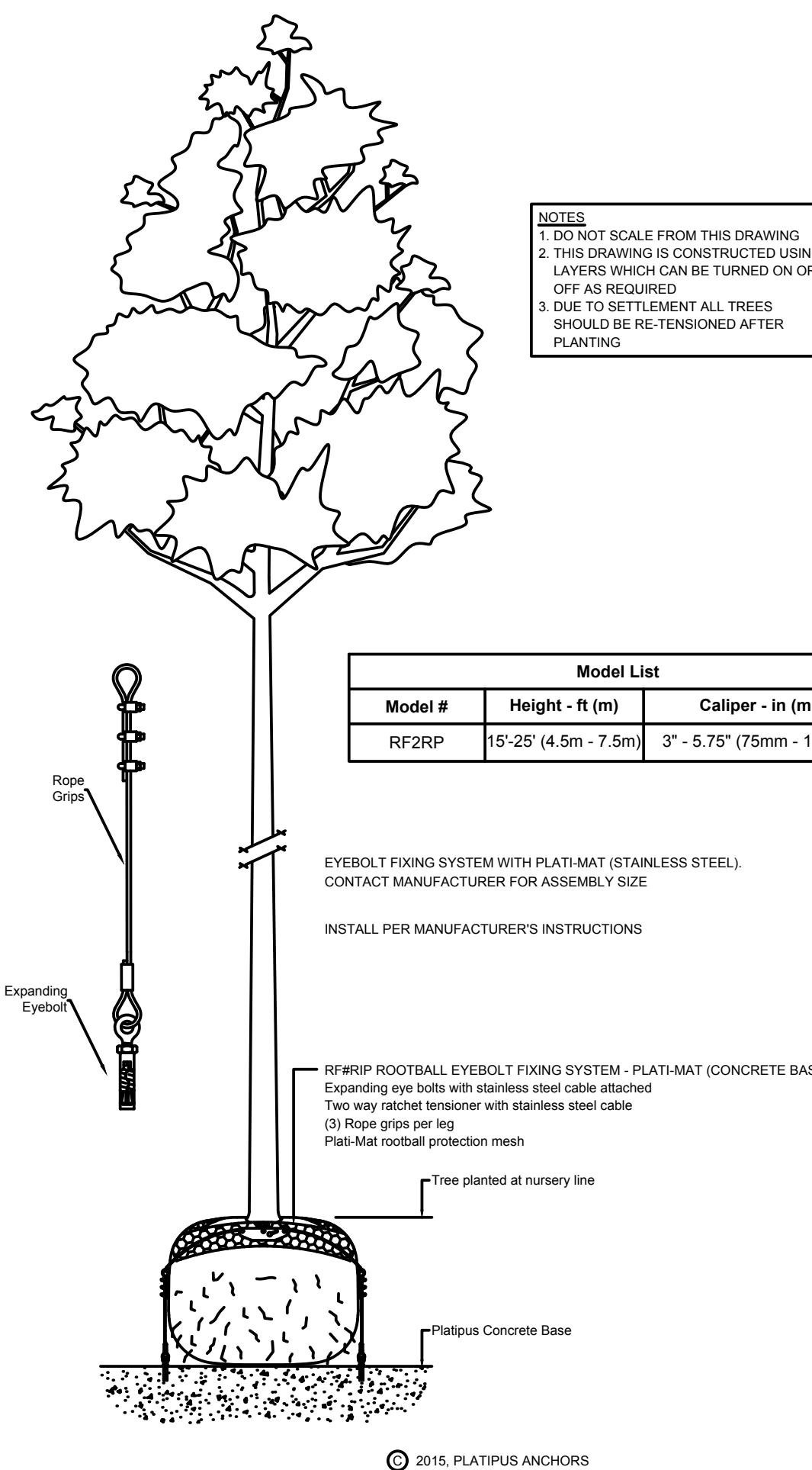


NOTES:
INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

3 PEDESTAL PAVERS



2 SHRUB/GROUNDCOVER PLANTING DETAIL



4 TREE ANCHOR

JPC ARCHITECTS

909 112th Avenue NE Suite 206
Bellevue, WA 98004

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JURISDICTION STAMP

DETAILS

L1.2

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Tag Reference	Room(s) Served	Model	Refrigerant	CFM	Total MBH Cooling	Sensible MBH Cooling	Nominal Heating Capacity (BTU/h)	Type	Material	Wall	Rows	Coil Size	Velocity FPM	Air Pressure Drop	Refrig Pipe Connection Size	Weight (lbs)	Notes / Options
DC-1	Class "B" Surgery	DX38S03S15-27x12.5-LH	410A	740	23.400	18.500	24.000	3/8"	0.006 Aluminum Sine-wave	0.016 / Smooth	3	20" w x 14" h	411	0.43	5/8" / 5/8"	25	1, 3, 4
DC-2	Class "C" Surgery	DX38S03S14-20x12.5-LH	410A	1020	35.100	37.300	36.000	3/8"	0.006 Aluminum Sine-wave	0.016 / Smooth	3	26" w x 16" h	381	0.4	5/8" / 7/8"	33	2, 3, 4

1. Provide LEV Kit MXD-A32K100E
2. Provide LEV Kit MXD-A40K100E
3. MERV 8 Filtration Duct Mounted Ahead of SF fan.
4. MERV 14 Filtration Duct Mounted After Coil

Tag Reference	Model Number	Refrigerant	Nominal Cooling Capacity (BTU/h)	Nominal Heating Capacity (BTU/h)	Cooling Efficiency IEEER/EER	HSPF	Electrical			Refrig Pipe Dim	Weight LBS	Sound Rating db	Notes / Options
							Voltage / Phase	MCA	MOP				
HP-3	AM06NXXMDCR/AA	410A	60,000	66000	17.1 / 10.9	10.9	208 / 230V / 1	32	50	3/8" / 3/4" / 5/8"	276 #	58	1

1. Provide Wind Baffles

Louver Schedule		Med Gas Louver Sizing					
L.D. No.	Mfr.	Model	Size	Free Area	Finish	Quantity	
L-1	Greenheck	ESD-403	24 x 12	0.7	Mill	2	(10les.) Type "HF" Tanks = 2440 / 1000 cu. ft. = 2.44 x 2.44 x 24 sq. in. = 59 sq. in. Min per code = 72 sq. in. 72/144 = .5 sq. ft.
L-2	Greenheck	ESD-403	18 x 18	0.83	Mill	1	

Slot Diffuser Schedule										
L.D. No.	Mfr. & Model	Type	Use	Max CFM	Slot Length	# of Slots	Slot Width	Material	Deflector	Notes
SL-1	Greenheck XG-6600	Modular Linear Slot Diffuser	Supply / Transfer	130	24	2	1"	Aluminum	"Ice Tong"	Provide with Sound Lined Plenum
SL-2	Greenheck XG-6600	Modular Linear Slot Diffuser	Supply / Transfer	200	24	3	1"	Aluminum	"Ice Tong"	Provide with Sound Lined Plenum
SLR-1	Greenheck XG-6600	Modular Linear Slot Return Grille	Return	300	24	3	1"	Aluminum	"Ice Tong"	Provide with Sound Lined Plenum
SLR-2	Greenheck XG-6600	Modular Linear Slot Return Grille	Return	400	24	4	1"	Aluminum	"Ice Tong"	Provide with Sound Lined Plenum
SLR-3	Greenheck XG-6600	Modular Linear Slot Return Grille	Return	800	48	4	1"	Aluminum	"Ice Tong"	Provide with Sound Lined Plenum

1. Provide remote balancing damper where installed in wood veneer ceilings.

Grille, Register & Diffuser Schedule						
L.D. No.	Mfr. & Model	Type	Neck Size	Overall Size	Material	Notes
ORCD-1	Tinus TLF-AA	Laminar Flow Diffuser	12"ø	60" x 24"	Aluminum	1
ORCD-2	Tinus TLF-AA	Laminar Flow Diffuser	8"ø	48" x 12"	Aluminum	1
CD-1	Tinus MCD	Lay-in, 4-Way	6" x 6"	-	Steel	2
CD-2	Tinus MCD	Lay-in, 4-Way	8" x 8"	-	Steel	2
CD-3	Tinus MCD	Lay-in, 4-Way	10" x 10"	-	Steel	2
RG-1	Tinus 50F	Eggregate Grille, Lay-in	6" x 6"	-	Aluminum	2
RG-2	Tinus 50F	Eggregate Grille, Lay-in	8" x 8"	-	Aluminum	2
RG-3	Tinus 50F	Eggregate Grille, Lay-in	10" x 10"	-	Aluminum	2
EG-1	Tinus 50F	Eggregate Grille Surface Mt	6" x 6"	-	Aluminum	2
EG-2	Tinus 50F	Eggregate Grille Surface Mt	8" x 8"	-	Aluminum	2
LWR-1	Tinus 350 RL	Wall Mount Return Grille	12" x 10"	-	Steel	
LWR-2	Tinus 350 RL	Wall Mount Return Grille	12" x 12"	-	Steel	

- Notes:
1. Do a manual layout with lighting and ceiling layout. Verify size with GC and EC prior to ordering.
 2. Provide Opposed blade dampers in hard lid ceiling installations.

Filter Schedule						
Tag	Fan		MERV 14 FINAL FILTER			
	Airflow CFM	Filter Velocity FPM	Filter Make & Model	Filters Size	Initial Static INCH W.G.	Max. Static INCH W.G.
SF-1	750	270	Aerostar Geopleat # 2164E	20 x 20 x 4	0.35	1.50
SF-2	1040	374	Aerostar Geopleat # 2164E	20 x 20 x 4	0.35	1.50

Tag	Fan		MERV 8 PRE FILTER			
	Airflow CFM	Filter Velocity FPM	Filter Make & Model	Filters Size	Initial Static INCH W.G.	Max. Static INCH W.G.
SF-1	750	270	Aerostar Series 400 Pleat	20 x 20 x 2	0.10	1.50
SF-2	1040	374	Aerostar Series 400 Pleat	20 x 20 x 2	0.13	1.50
ERV-1	385	139	Aerostar Series 400 Pleat	20 x 20 x 2	0.10	1.50

Combination Smoke/Fire Damper Schedule						
L.D. No.	Manufacturer	Model	Type	Retaining Plates	Size	Note
FD-1	Greenheck	DFDR-510	Dynamic 1-1/2 Hour Fire UL555	Yes	6"	1
FD-2	Greenheck	DFDR-510	Dynamic 1-1/2 Hour Fire UL555	Yes	8"	1
FD-3	Greenheck	DFDR-510	Dynamic 1-1/2 Hour Fire UL555	Yes	10"	1
FD-4	Greenheck	DFDR-510	Dynamic 1-1/2 Hour Fire UL555	Yes	12"	1

- NOTE:
1. Provide additional Blade Position Indicator

Magnehelic Differential Pressure Gauge							
Mfg.	Granger Part No.	Type	Pressure Range	Accuracy	Dial Size	Notes	Quantity
DWYER	37137	Diaphragm Magnehelic Differential Pressure Gauge	0" - 2" wc	+/- 2%	4-Inch	With 1/8" NPT	4

Control Damper Schedule									
L.D. No.	Mfr.	Model	Type	Class	Leakage CFM per sq. ft.	Actuator			
						Mfr. & Model	Voltage	Size	Quantity
MD-1	Greenheck	VCDR-53	Opposed Blade	1	4cfm/sf @ 1 in.w.g.	Belimo LF 120S	120	18"x18"	1

- Note: Interlock to close when fan EF-4 is disabled.

GENERAL NOTES

1. All duct sizes shown are clear inside dimensions.
2. All duct gauges and supports per 2018 International Mechanical Code and SMACNA Duct Construction Manual.
3. ASE1 to air balance all systems to within 10% of design airflow upon project completion.
4. Insulate supply and return ductwork where not located in conditioned space with minimum R-6 Johns Manville Permacote Linacoustic R-300 liner or wrap. Insulate all outside air ducts with minimum R-8 Johns Manville Permacote Linacoustic R-300 liner or wrap.
5. All duct transverse seams and longitudinal joints shall be sealed. All ductwork is constructed and sealed per IMC. OSA ductwork meets air leakage requirements per C402.5 and vapor retarder requirements per the IBC.
6. Materials within ducts or plenums shall have a flame spread rating less than 25 and a flame smoke development rating less than 50 per WSEC 2018.
7. All duct systems on this project are low pressure.
8. Condensate drain piping shall be copper, PVC, or PEX.
9. Auxiliary condensate drain overflow protection shall be provided per 2018 International Mechanical Code 307.2.3.
10. Provide insulation on all refrigerant piping per 2018 Washington State Energy Code Table C403.2.9. For VRF outdoor refrigerant pipes, provide 1.5" thick pipe insulation with k-value between 0.25 - 0.29 for 125°F mean rating temperature. For VRF indoor refrigerant pipes, provide 1" thick pipe insulation with k-value between 0.21 - 0.28 for 100°F mean rating temperature.

COORDINATION NOTES

General Contractor

1. General Contractor to cut and provide openings for all rooftop, ceiling, floor, and wall penetrations, including weatherproof sealing. ASE1 to provide size and location.
2. General Contractor to provide framed openings where required for all mechanical penetrations, including headers if required. General Contractor to verify penetration locations with ASE1 before framing openings.
3. General Contractor to provide all demolition, patching and painting as required for mechanical work.
4. General Contractor to provide service access per code to all mechanical equipment.
5. General Contractor to provide structure for mounting and hanging members of mechanical equipment.
6. General Contractor to provide all cutting of t-bar ceiling and extra material as required for HVAC installation.

Electrical Contractor

1. Electrical Contractor to provide all electrical connections, disconnects, and motor starters for mechanical equipment.
2. Electrical Contractor to verify equipment sizes, loads and locations with ASE1 mechanical plan and with field conditions.
3. Electrical Contractor to provide 120v service outlet within 25 feet of each piece of mechanical equipment.
4. ASE1 to install all 24 volt low voltage wiring for thermostats.
5. Electrical Contractor to install all line voltage wiring and conduit.

COMPLETION

Provide Test and Balance Report, Equipment Startup Test Reports, Operation and Maintenance Manuals, and As-built Record Drawings, as applicable, to Owner upon Project Completion.

Lossnay Tag	Make and Model	Core Type	Airflow (cfm)	Max ESP (INWG)	Nominal Recovery Effectiveness (Extra High Fan Speed)			Voltage / Phase	MCA / MOP	Weight LBS	Sound Rating db	Notes / Options
					Sensible	Summer	Winter					
ERV-1	Lossnay LGH-F38RVX2-E	Fixed Permeable Cross Plate	385	0.6	65%	50%	63%	208V/1-Phase	3.9 / 15	110	34	1,2,3

Notes & Options:

1. ERV to interlock to SF-1 & SF-2. Motorized shut off dampers not required per C403.7.8 (Exception 1.3)
2. Hang ERV-1 from floor framing. Utilize spring isolators.
3. Do not use factory filters. Use Duct Mounted MERV/8 Filters.

Duct Heater Schedule

L.D. No.	Unit	Mfr.	Model	Duct Size	KW	Voltage	Ph.	Control	Notes
DH-1	ERV-1	Warren	CBK	10"	5	208	3	24 V.	1

Notes:

1. Provide built-in thermostat with SCR, Set to 60°. Enabled when OSA temp is below 45°F. Interlock to ERV units.

Fan Schedule

L.D. No.	Area Served	Mfr.	Model	Type	CFM	Min S.P.	Max SP	RPM	Sones	Voltage	Ph.	HP or W	Sound Rating dB / Sones	Op. Wt.	Speed Control	Controlled By	Notes
SF-1	Class B Surgery	Greenheck	SQ-7-M1-VG	Inline	750	2.0" w.g.	3.0" w.g.	3502	-	208	3	1.5 HP	-	-	VFD	HVAC controls	1,2
SF-2	Class C Surgery	Greenheck	SQ-7-M1-VG	Inline	1050	2.0" w.g.	3.0" w.g.	2351	-	208	3	1.5 HP	-	-	VFD	HVAC controls	1,2
EF-1	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EF-2	NOT USED	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EF-3	Elect / IT Room	Greenheck	SP-A50-90-VG	Ceiling	50	.5	-	808	-	120	1	6 W	40 / 2.0	-	Yes	Line Voltage Temp Sensor	-
EF-4	VAC Room	Greenheck	AER-36-03-0300-VG	Wall	400	.05	-	378	-	120	1	.5 HP	44	108	Yes	Line Voltage Temp Sensor	-

Note:

1. Provide with flow bridge and VFD control to provide constant airflow as filter static increases.
2. Fan controlled by MCM211UN Control Kit at Duct Coil

SAMSUNG VRF HEAT RECOVERY MODULE SCHEDULE

Tag Reference	Model Number	Number of Ports	Max Connected Capacity	Refrig Pipe Dim	Voltage / Phase	MCA	MOP	Sound Rating dB	Weight	Notes / Options
HRC-1	MCU-RANEKON	4	76,000	3/8" / 3/4" / 5/8"	208/230V / 1	2.0	15	54	47 #	1

Thermostat & Controller Schedule

L.D. No.	Mfr. & Model	Type	Unit Served	Notes	Quantity
T1	Samsung HVAC # MWR-WG00UN	Thermostat	DC-1	Mount @ 48" A.F.F.	1, 2
T2	Samsung HVAC # MWR-WG00UN	Thermostat	DC-2	Mount @ 48" A.F.F.	1, 2

1. VRF System Central Controller shall control local thermostats for all air handlers. Controller shall be programmable, capable of 5 degree deadband, and have 2 occupied/2 unoccupied schedules for seven days per week. Controller shall be capable of automatically adjusting the daily start time of the HVAC system in order to bring each space to the desired occupied temperature immediately prior to scheduled occupancy.

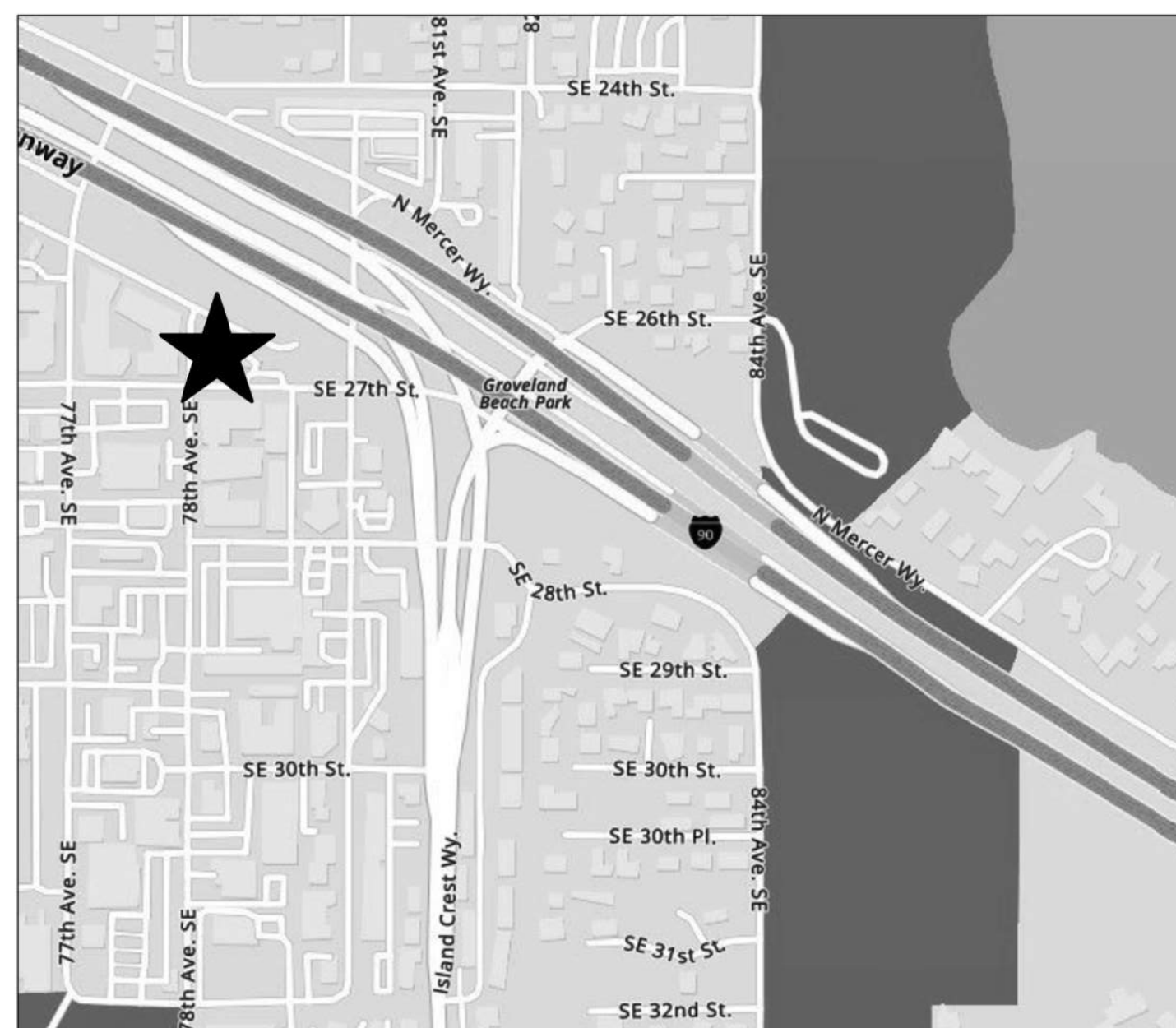
2. Provide in conjunction with MCM-A300UN Touch Centralized Controller, MCM211UN UCK Control Kit, MXD-A32K100E EEV kit, MXD-A40K100E EEV kit.

Electric Wall Heater Schedule

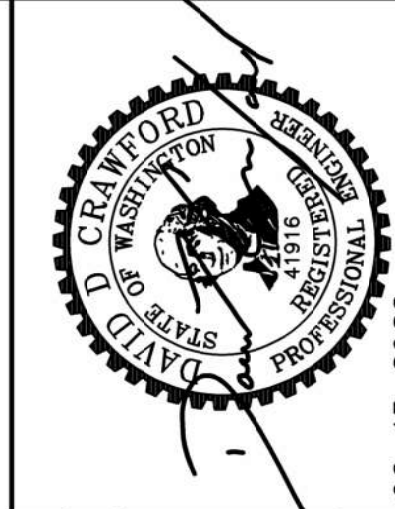
L.D. No.	Area	Type	Mfr.	Model	Watts	Voltage	Ph.	Amps.	Control	Wt.	Qty.
EW-1	Vacuum Rm	Fan-driven wall-mounted	King	PAW	250	120	1	2.1	Built-in T-stat	10 lbs.	1

Mechanical Sheet Index

Sheet	Title
M-1	HVAC NOTES & SCHEDULES
M-2	PARTIAL PLAN FIRST FLOOR TENANT IMPROVEMENT & MECHANICAL LEGEND
M-3	PARTIAL PLAN EXISTING GARAGE & VENTILATION SCHEDULE



VICINITY MAP
PARCEL #: 7698440000



REVISIONS	DATE	CHANGE

DRAWN	DESIGN	DATE	APPROVED
BSR	JW	JUNE 15, 2023	

DR. AJ AMADI AESTHETICS
TENANT IMPROVEMENT
HVAC NOTES & SCHEDULES

7800 SE 27TH ST
MERCER ISLAND WA 98040

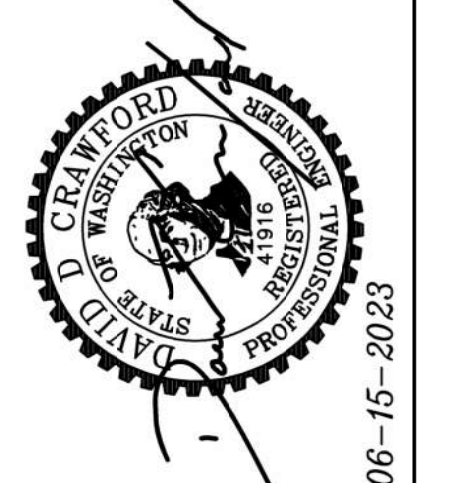






SHEET NO. **M-1** OF **3**
JOB NO. 4207

AIR CONDITIONING/SHEET METAL/REFRIGERATION/PROFESSIONAL ENGINEERS/SERVICE & MAINTENANCE

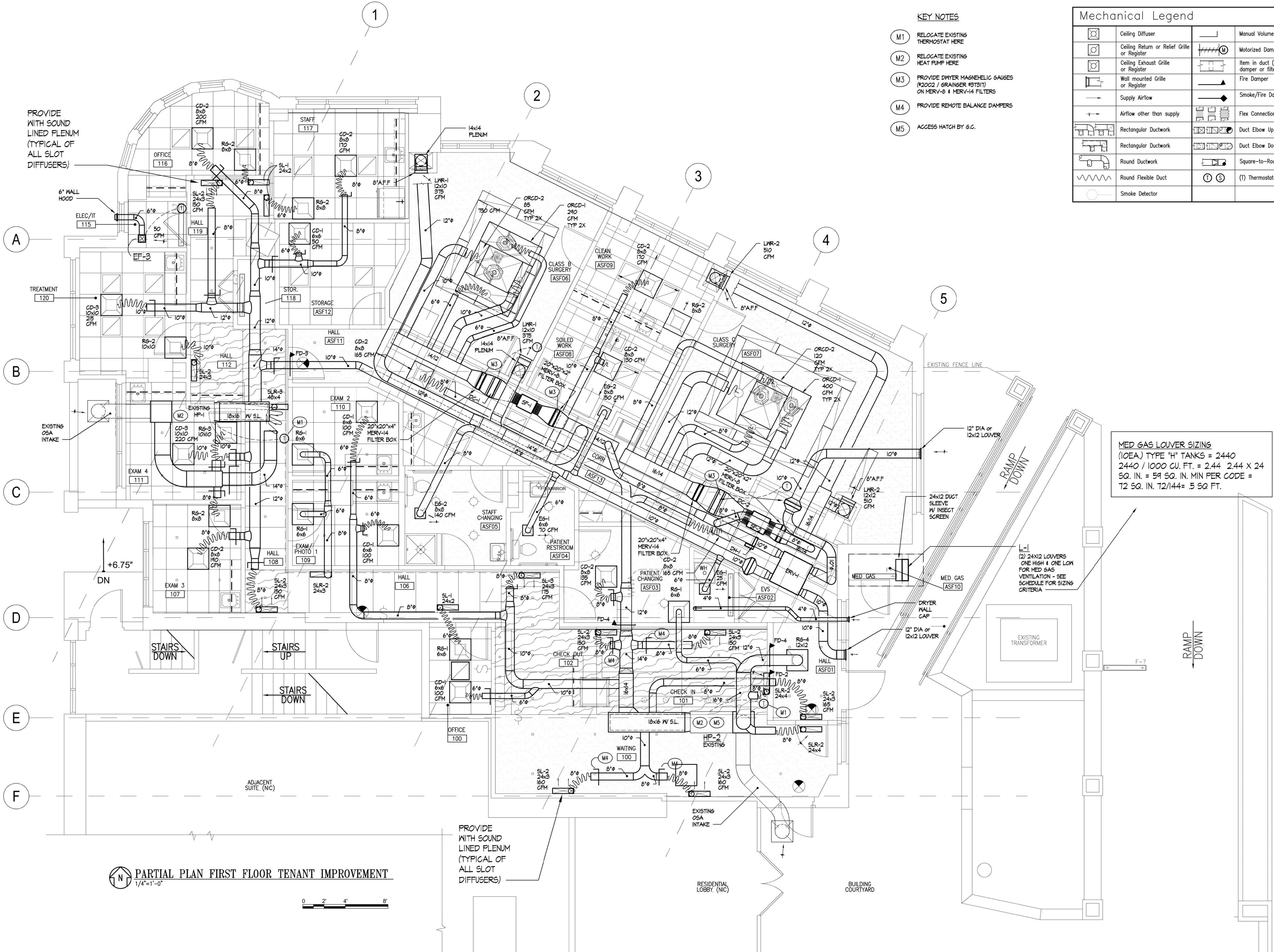


06-15-2023

KEY NOTES

- (M1) RELOCATE EXISTING THERMOSTAT HERE
- (M2) RELOCATE EXISTING HEAT PUMP HERE
- (M3) PROVIDE DWYER MAGNETIC GAUGES (R2002 / GRAINGER #3131) ON MERV-8 & MERV-14 FILTERS
- (M4) PROVIDE REMOTE BALANCE DAMPERS
- (M5) ACCESS HATCH BY G.C.

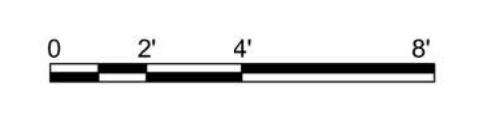
Mechanical Legend			
	Ceiling Diffuser		Manual Volume damper
	Ceiling Return or Relief Grille or Register		Motorized Damper
	Ceiling Exhaust Grille or Register		Item in duct (i.e., backdraft damper or filter)
	Wall mounted Grille or Register		Fire Damper
	Supply Airflow		Smoke/Fire Damper
	Airflow other than supply		Flex Connection
	Rectangular Ductwork		Duct Elbow Up
	Rectangular Ductwork		Duct Elbow Down
	Round Ductwork		Square-to-Round Transition
	Round Flexible Duct		(T) Thermostat or (S) Sensor
	Smoke Detector		



MED GAS LOUVER SIZING
 (10EA) TYPE "H" TANKS = 2440
 2440 / 1000 CU. FT. = 2.44 2.44 X 24
 SQ. IN. = 59 SQ. IN. MIN PER CODE =
 72 SQ. IN. 72/144 = 5 SQ. FT.

(2) 24x12 LOUVERS
 ONE HIGH & ONE LOW
 FOR MED GAS
 VENTILATION - SEE
 SCHEDULE FOR SIZING
 CRITERIA

PARTIAL PLAN FIRST FLOOR TENANT IMPROVEMENT
 1/4"=1'-0"



REVISIONS

NO.	DATE	DESCRIPTION




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DATE JUN 15, 2023
APPROVED [Signature]









DR. AJ AMADI AESTHETICS
TENANT IMPROVEMENT
HVAC - PARTIAL PLAN FIRST FLOOR TENANT IMPROVEMENT
 7800 SE 27TH ST
 MERCER ISLAND WA 98040

Air Systems Engineering Inc.
 GENERAL CONTRACTORS
 AIR CONDITIONING
 DESIGN & INSTALLATION
COMFORT USA SYSTEMS
 (253) 576-9988
 3002 SOUTH PARKWAY, FACOML, WA 98040

SHEET NO. M-2
OF 3
JOB NO. 4297

ELECTRICAL SYMBOLS LEGEND

-  DETAIL/SECTION IDENTIFICATION: A = DETAIL/SECTION LETTER, B = SHEET NUMBER WHERE DETAIL/SECTION IS DRAWN.
-  EQUIPMENT CONNECTION CALLOUT. A,B EQUAL EQUIPMENT IDENTIFICATION ON MECHANICAL OR KITCHEN EQUIPMENT CONNECTION SCHEDULES. VERIFY EXACT EQUIPMENT REQUIREMENTS ON SHOP DRAWING EQUIPMENT SUBMITTALS PRIOR TO ROUGH-IN. DO NO ROUGH-IN FOR EQUIPMENT PRIOR TO REVIEW OF SUBMITTALS. REPORT ANY DIFFERENCES IN REQUIREMENTS TO ENGINEER IN WRITING.
-  CONDUIT CONCEALED. HASH MARKS INDICATE NUMBER OF #12 CONDUCTORS IN CODE SIZE CONDUIT. NO HASH MARKS INDICATES 2-#12 CONDUCTORS PLUS GROUND IN 3/4" CONDUIT, LONG HASH MARKS INDICATES NEUTRAL CONDUCTOR. / INDICATES GROUND CONDUCTOR.
-  FLEXIBLE RACEWAY, PROVIDE GROUND CONDUCTORS PER NEC.
-  A-1,3 ADJACENT TO ARROW INDICATES HOMERUN OF CONDUCTORS IN CONDUIT FOR CIRCUITS 1 AND 3 TO PANEL "A".
-  EXIT LIGHT WITH BATTERY, UNIVERSAL MOUNTING.
-  LIGHT FIXTURE, SURFACE MOUNTED ON CEILING.
-  LIGHT FIXTURE, RECESS MOUNTED IN CEILING.
-  LIGHT FIXTURE, WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR LIFE SAFETY BRANCH.
-  LIGHT FIXTURE, WALL MOUNTED.
-  DOWNLIGHT FIXTURE.
-  WALL MOUNT LIGHT FIXTURE.
-  JUNCTION BOX.
- A1** LIGHT FIXTURE TYPE. A1 = SPECIFIC LIGHTING FIXTURE REFERENCED ON LIGHTING FIXTURE SCHEDULE.
-  POWER PANEL
-  DUPLEX RECEPTACLE 20A, 125 VOLT WALL MOUNTED AT 18 INCHES AFF. G = GROUND FAULT INTERRUPTING, T = TAMPERPROOF. P = PATIENT CARE (CRITICAL BRANCH) CIRCUIT CONNECTED TO GENERATOR.
-  DUPLEX RECEPTACLE 20A, 125 VOLT WALL MOUNTED HORIZONTALLY 2" ABOVE COUNTERTOP BACKSPASH TO THE BOTTOM OF THE RECEPTACLE COVERPLATE.
-  FOURPLEX RECEPTACLE 20A, 125 VOLT, WALL MOUNTED AT 18 INCHES AFF.
-  DUPLEX RECEPTACLE 20A, 125 VOLT MOUNTED IN FLUSH FLOOR BOX.
-  SPECIAL RECEPTACLE. AMPERAGE AND VOLTAGE AS SHOWN.
-  EQUIPMENT CONNECTION. PROVIDE PER NEC AND MANUFACTURERS REQUIREMENTS AND/OR RECOMMENDATIONS.

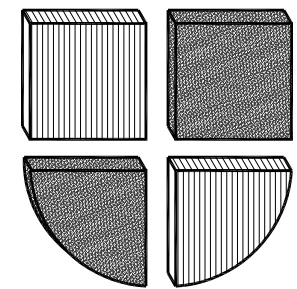
- Sm** WIRELESS, LIGHT SWITCH, SINGLE POLE, SUBSCRIPTS; 3 = THREE WAY, 4 = FOUR WAY, D = DIMMER CONTROL, a, b, c, ETC = NUMBER OF SWITCHES AT THE LOCATION AND SPECIFIC FIXTURES CONTROLLED. MOUNT AT 42 INCHES AFF.
- Sy** AUTOMATIC/MANUAL OCCUPANCY SENSOR AND SINGLE POLE TOGGLE SWITCH. SENSORWORX #SWX-123 OR EQUAL. SWITCH SHALL BE PROGRAMMED FOR MANUAL ON, AUTOMATIC OFF.
-  DUAL TECHNOLOGY AUTOMATIC OCCUPANCY SENSOR DEVICE
-  DAYLIGHT PHOTOSENSOR
-  DISCONNECT SWITCH
-  FUSED DISCONNECT SWITCH WITH FUSES.
- Sm** MOTOR RATED TOGGLE SWITCH WITH OVERLOAD HEATER(S), SIZE PER NEC AND MANUFACTURERS REQUIREMENTS.
-  FLUSH MOUNTED DUAL TELEPHONE/DATA OUTLET, MOUNT AT 18" AFF. PROVIDE 4" SQUARE BOX WITH 1" CONDUIT AND PULL STRING TO ACCESSIBLE CEILING SPACE.
-  GROUND PER NEC.
-  AVAILABLE FAULT CURRENT
-  TRANSIENT VOLTAGE SURGE SUPPRESSION. TPS3-X-11-15-D2, SIEMENS OR EQUAL. "X" = VOLTAGE/ PHASE (VARIES), SEE POWER RISER DIAGRAM AND/OR PANEL SCHEDULES FOR VOLTAGE AND PHASE REQUIREMENTS.
- (E)** EXISTING
- WP** WEATHERPROOF



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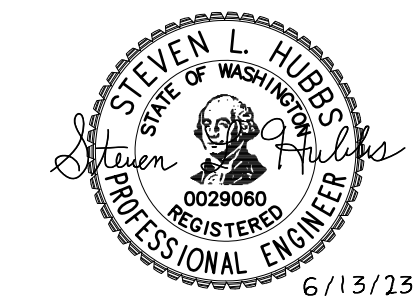
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Tacoma, WA 98405
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Phone: (253) 759-0118
Job Number: 22-189



AMADI AESTHETICS
7800 SE 27TH STREET
MERCER ISLAND, WA 98040

ELECTRICAL SYMBOLS LEGEND

REVISIONS:



6/13/23

SCALE:	AS NOTED	SHEET
DATE:	6-13-2023	E1.0
DRAWN BY:	SJK	
CHECKED BY:	SLH	
JOB NO.:	22-189	
		OF
		-

LIGHTING FIXTURE SCHEDULE

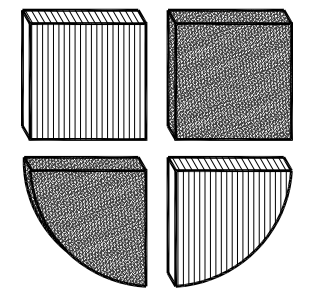
TYPE	MANUFACTURER	LAMPS	WATTS	MOUNTING
F1	AMICO L-SURGLED-14-120-L40-A-M- SYM-CM OR EQUAL	LED	69	RECESSED
F1X	SAME AS TYPE F1 WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR			
F2	METALUX 22CGTS-L3C3 OR EQUAL	LED	29	RECESSED
F2A	METALUX FSP-14-32-40-CA125 OR EQUAL	LED	28	RECESSED
F2AX	SAME AS TYPE F2A WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR			
F3	LIGHTHEAD T2SF-T-XX-XX-CL-B55-30-CCT- 9014/DRC-T2-5-P-120/RSP-XX- S-T OR EQUAL	LED	18	RECESSED
F3X	SAME AS TYPE F3 WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR			
F4	HALO PR4-FS12-D010-PR4M-12-MD- 8FS-MW (SET FOR 1000 LUMENS) OR EQUAL	LED	10	RECESSED
F5	ASTRO 1420005 OR EQUAL	LED	38	WALL (ILLUMINATED MIRROR)
F6	AXIS LIGHTING BMPRLEDPAT-500-90-30-S0- RG2-19'-0"-W-UNV-DP-1-XX- ECR2 OR EQUAL	LED	95	RECESSED
F6A	AXIS LIGHTING BMPRLEDPAT-500-90-30-S0- RG2-25'-0"-W-UNV-DP-1-XX- ECR2 OR EQUAL	LED	125	RECESSED
F6AX	SAME AS TYPE F6A WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR			
F6B	AXIS LIGHTING BMPRLEDPAT-500-90-30-S0- RG2-22'-0"-W-UNV-DP-1-XX- ECR2 OR EQUAL	LED	110	RECESSED
F6BX	SAME AS TYPE F6B WITH EMERGENCY BATTERY PACK AND CONNECTED TO GENERATOR			
F6C	AXIS LIGHTING BMPRLEDPAT-OPRI(4)-500-90- 30-S0-RG2-10'-0"-W-UNV-DP-1-XX- ECR2 OR EQUAL	LED	50	RECESSED
F7	METALUX 4SLSTPLC-UNV OR EQUAL	LED	31	WALL
F8	LITELINE LEDBAR-58-30K OR EQUAL	LED	16	UNDERCABINET
F8A	LITELINE LEDBAR-48-30K OR EQUAL	LED	14	UNDERCABINET
F8B	LITELINE LEDBAR-34-30K OR EQUAL	LED	11	UNDERCABINET
F8C	LITELINE LEDBAR-23-30K OR EQUAL	LED	7	UNDERCABINET
F9	LED, DECORATIVE, PENDANT, ABOVE RECEPTION DESK, TBD	LED	10	PENDANT
F10	ELEMENT BY VISUAL COMFORT ESRF0604P-72"-190930-F-XX- M-1-E-D OR EQUAL	LED	12	RECESSED
F12	ELEMENT BY VISUAL COMFORT ESR4SRP-22'-0"-18-930-F-XX- F-FEED-E-D OR EQUAL	LED	42	TOE KICK
X1	SURE-LITES EU-S-7-0-G OR EQUAL	INCLUDED	3	UNIVERSAL
X2	SAME AS X1 WITH DUAL FACE	INCLUDED	3	UNIVERSAL



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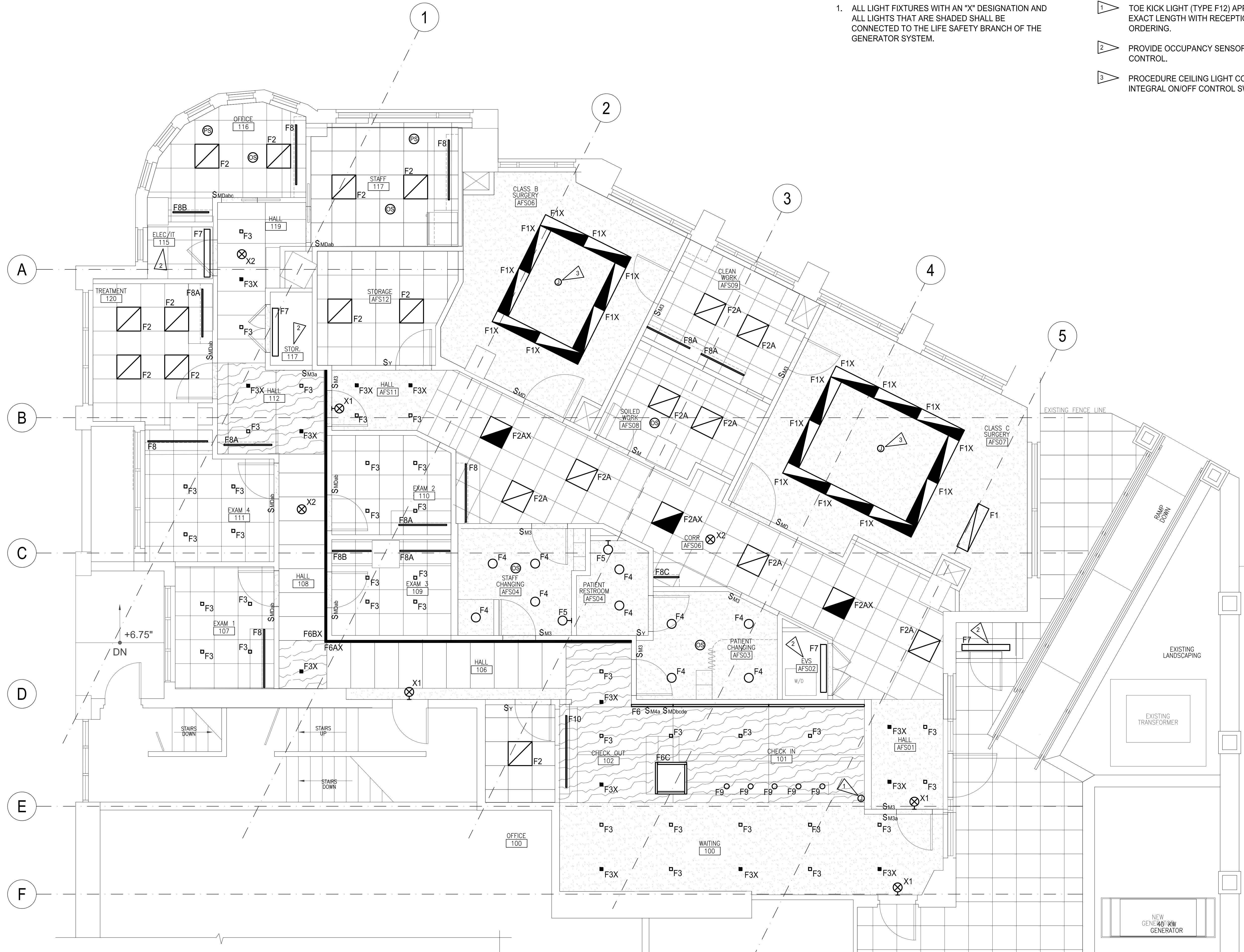
LIGHT FIXTURE SCHEDULE

REVISIONS:



6/13/23

SCALE:	AS NOTED	SHEET
DATE:	6-13-2023	E1.1
DRAWN BY:	SJK	
CHECKED BY:	SLH	
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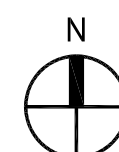
GENERAL NOTES:

1. ALL LIGHT FIXTURES WITH AN "X" DESIGNATION AND ALL LIGHTS THAT ARE SHADED SHALL BE CONNECTED TO THE LIFE SAFETY BRANCH OF THE GENERATOR SYSTEM.

ELECTRICAL NOTES:

1. TOE KICK LIGHT (TYPE F12) APPROXIMATELY 22'-0" LONG. VERIFY EXACT LENGTH WITH RECEPTION DESK SHOP DRAWINGS PRIOR TO ORDERING.
2. PROVIDE OCCUPANCY SENSOR WALL SWITCH WITHIN ROOM FOR CONTROL.
3. PROCEDURE CEILING LIGHT CONNECTION. LIGHT TO HAVE INTEGRAL ON/OFF CONTROL SWITCH.

LIGHTING FLOOR PLAN
SCALE: 1/4"=1'-0"



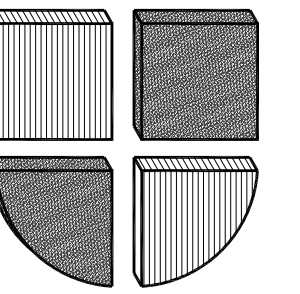
BUILDING PERMIT SUBMITTAL



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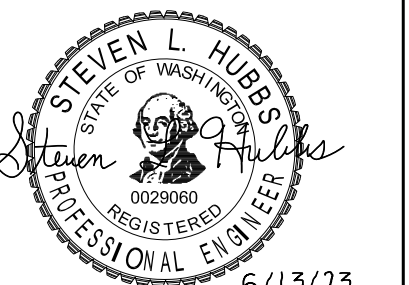
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LIGHTING FLOOR PLAN

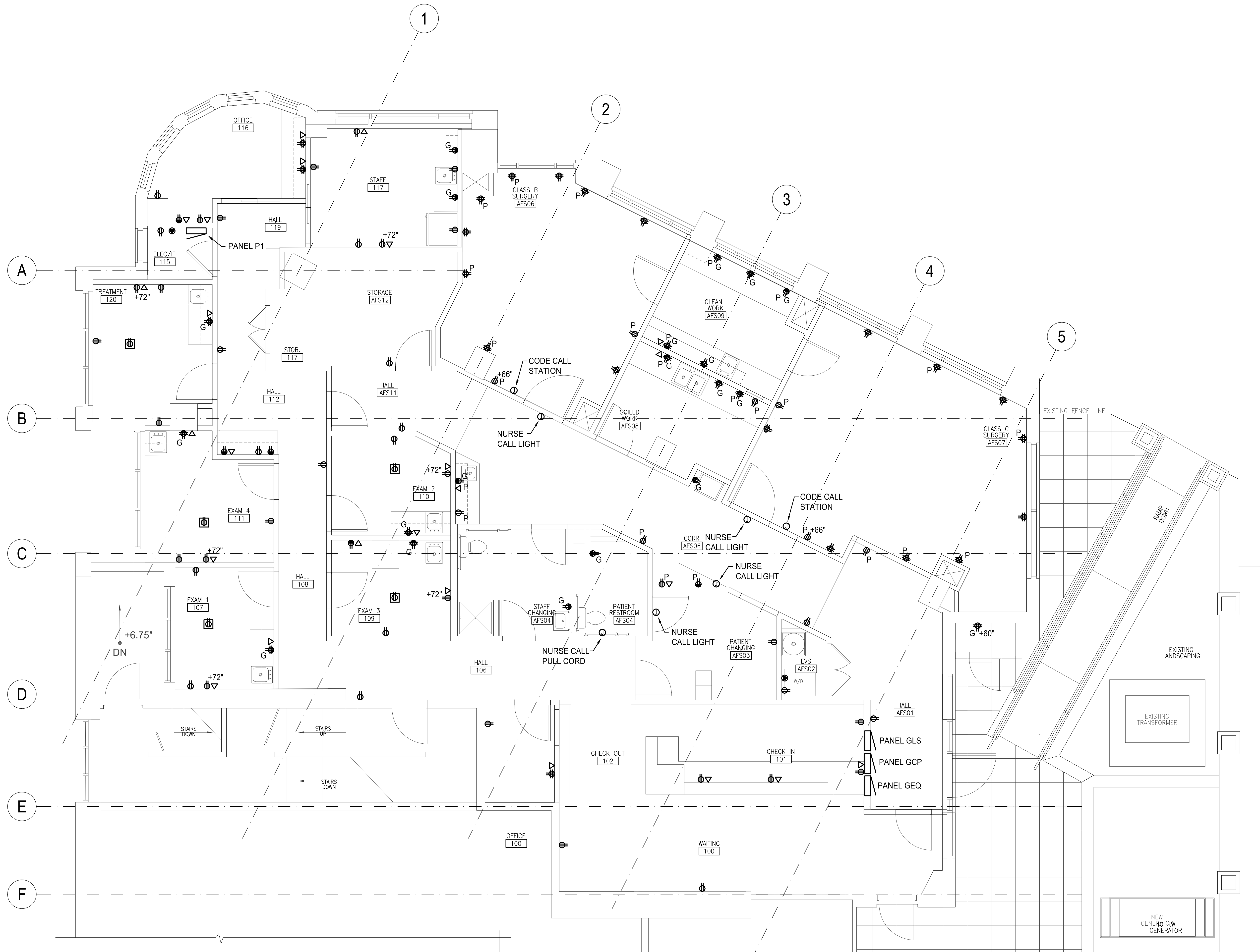
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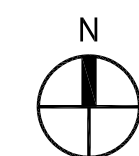
6/13/23

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DATE: 6-13-2023	E2.0
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JOB NO.: 22-189	OF

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POWER/SIGNAL FLOOR PLAN
SCALE: 1/4"=1'-0"



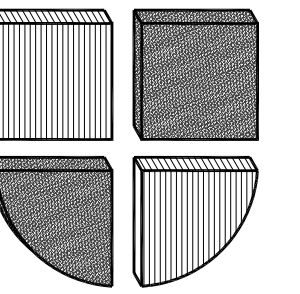
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POWER/SIGNAL FLOOR PLAN

REVISIONS:



6/13/23

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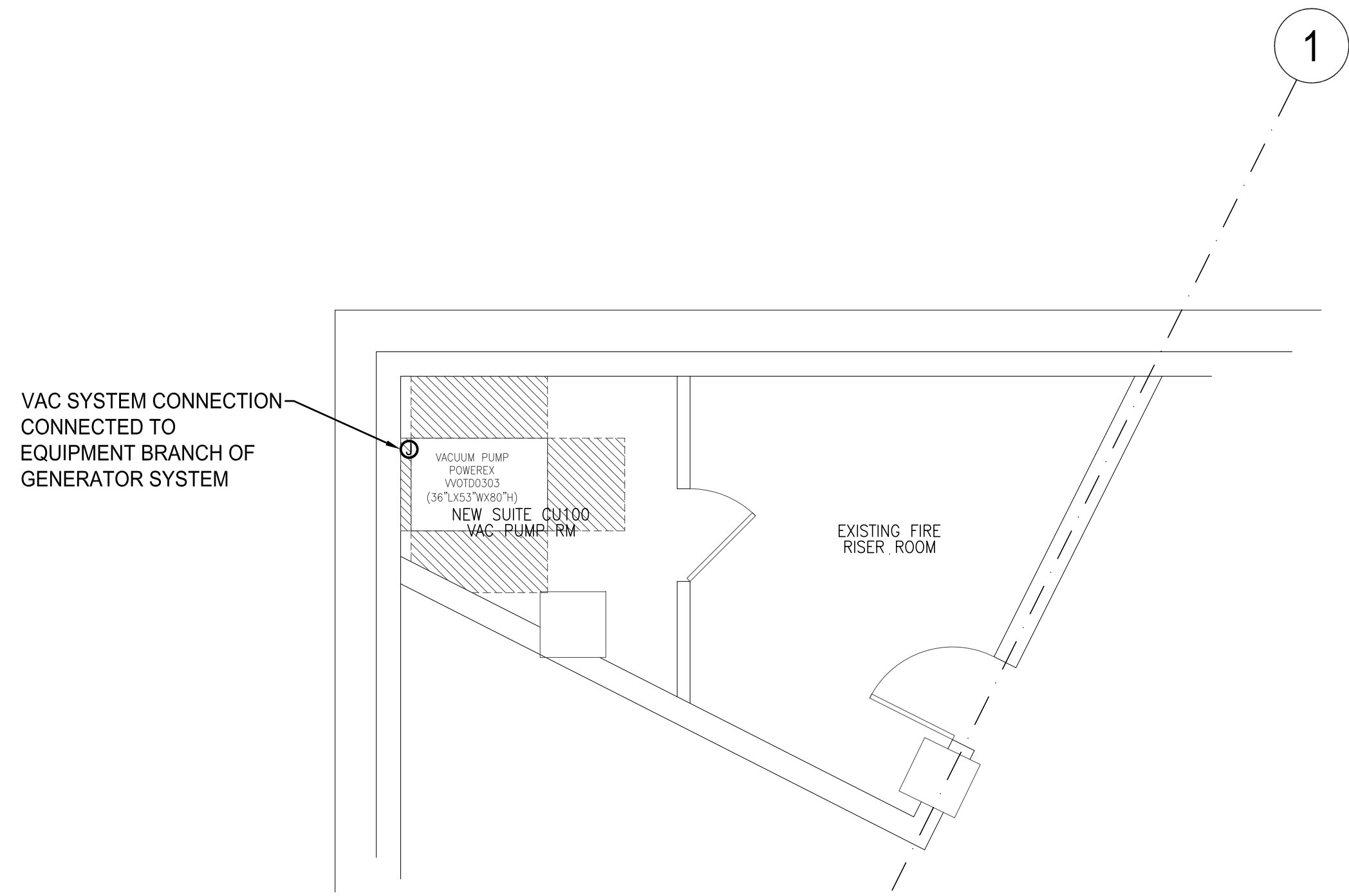
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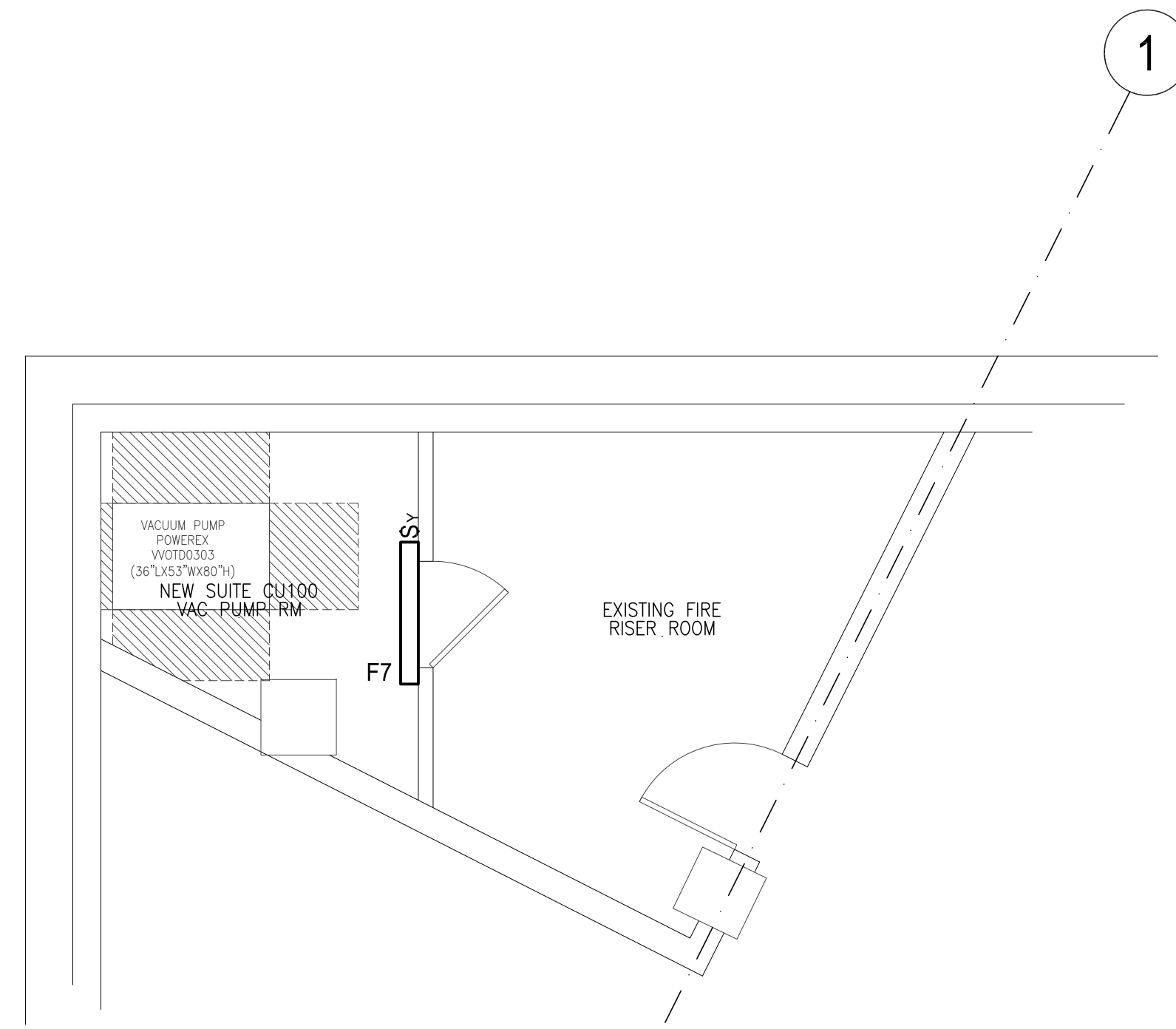
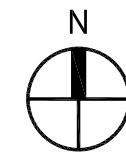
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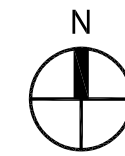
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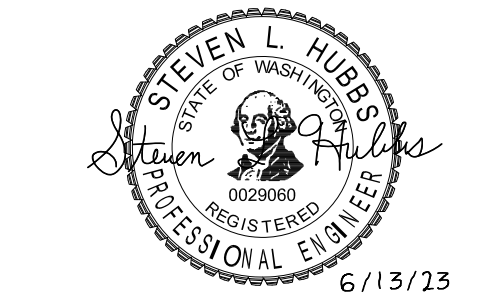
PARTIAL POWER FLOOR PLAN
SCALE: 1/4"=1'-0"



PARTIAL LIGHTING FLOOR PLAN
SCALE: 1/4"=1'-0"



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SCALE:	AS NOTED	SHEET
DATE:	6-13-2023	E3.1
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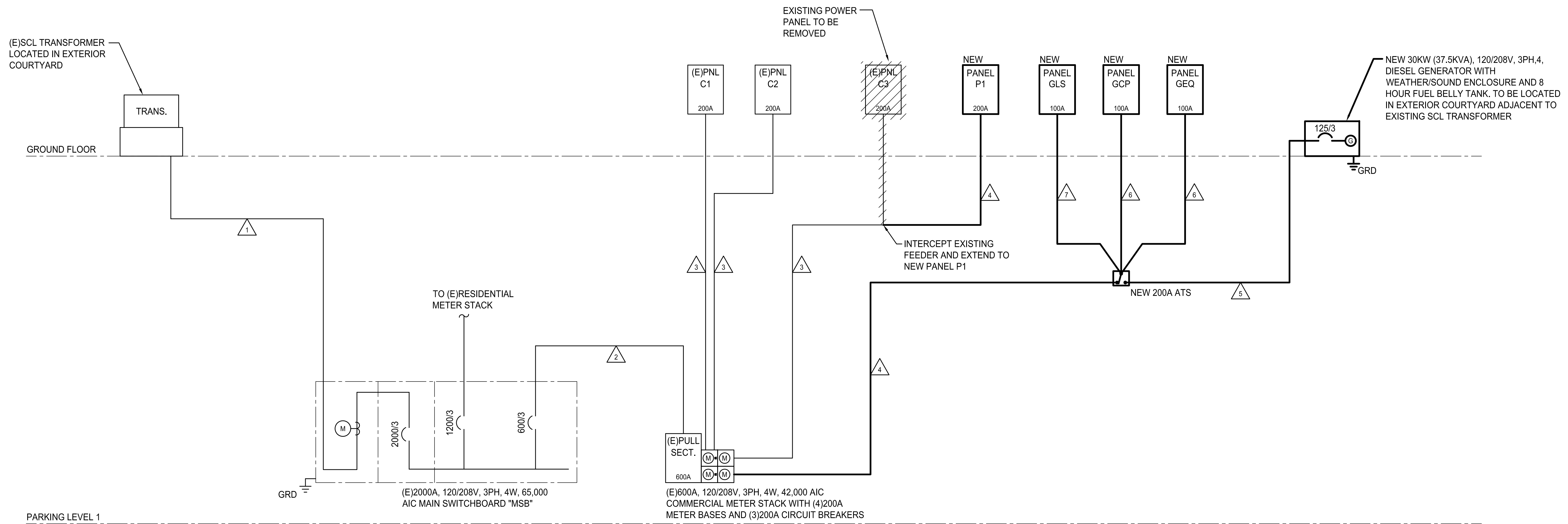
PARTIAL ELECTRICAL FLOOR PLANS

REVISIONS:

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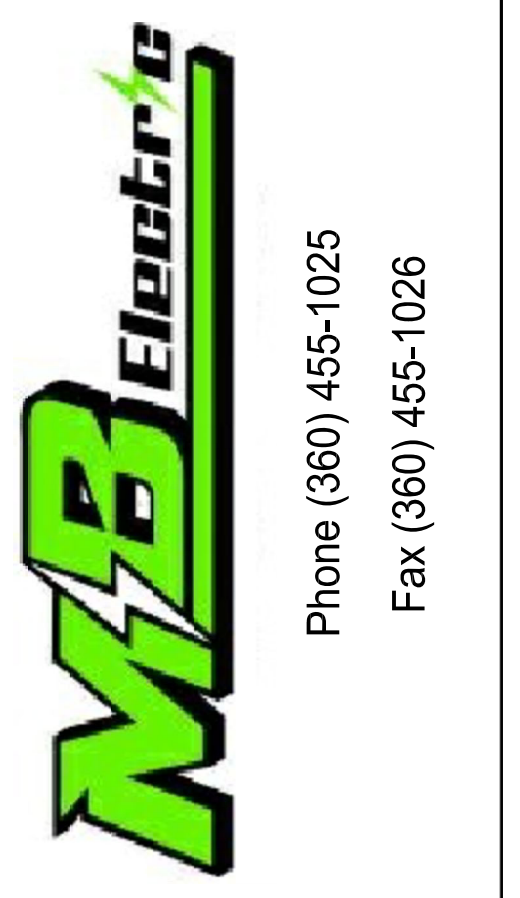
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- CONDUIT AND CONDUCTOR SCHEDULE:**
- ① (E)6"4"C-(4)#600 KCM AL EACH
 - ② (E)2"3-1/2"C-(4)#500 KCM AL & (1)#2/0 AL GRD
 - ③ (E)2-1/2"C-(4)#250 KCM AL & (1)#4 AL GRD
 - ④ NEW 2-1/2"C-(4)#250 KCM AL & (1)#4 AL GRD
 - ⑤ NEW 2"C-(4)#3/0 AL & (1)#4 AL GRD
 - ⑥ NEW 1-1/2"C-(4)#1 AL & (1)#6 AL GRD
 - ⑦ NEW 1"C-(4)#6 CU & (1)#10 CU GRD

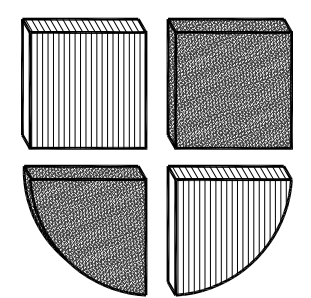
- LEGEND:**
- EXISTING
 - EXISTING TO BE REMOVED
 - NEW

PARTIAL EXISTING/NEW POWER RISER DIAGRAM
NO SCALE



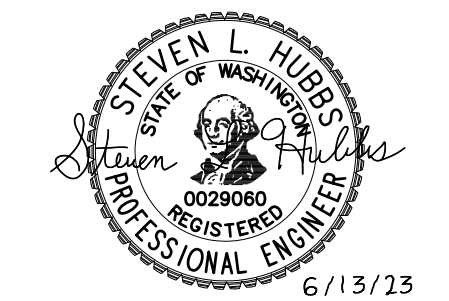
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EXISTING/ NEW POWER RISER DIAGRAM

REVISIONS:



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SCALE: AS NOTED	SHEET
DATE: 6-13-2023	E4.0
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BUILDING PERMIT SUBMITTAL

GENERAL NOTES

- REFERENCE TO RELATED WORK: "REF" INDICATIONS DENOTE WORK COVERED ELSEWHERE (ARCHITECTURAL, STRUCTURAL, CIVIL, ELECTRICAL, LANDSCAPE, OR KITCHEN), OR ITEM BASED ON A SPECIFIC MANUFACTURER'S DIMENSIONS (VERIFY).
- CODES: COMPLETE INSTALLATION OF THE PLUMBING SYSTEM SHALL BE PER THE APPLICABLE BUILDING, MECHANICAL, ENERGY, PLUMBING, FIRE, AND HEALTH CODES AND REGULATIONS AS ADOPTED BY THE LOCAL AHJ.
- PREPARE AND SUBMIT FOR REVIEW A SHOP DRAWING BASED ON FINAL STRUCTURAL SHOP DRAWINGS FOR LOCATING AND ROUTING ALL EQUIPMENT, PIPING, ETC.
 - COORDINATE FLOOR AND BEAM PENETRATIONS WITH STRUCTURAL.
 - COORDINATE FINAL LOCATION AND ROUTING WITH CEILING, LIGHTS, WALLS, FIRE SPRINKLER PIPING, AND OTHER TRADES WORK.
 - INCLUDE ADDITIONAL OFFSETS, ELBOWS, ROUTING, EQUIVALENT DUCT SIZING EXCHANGE, RELOCATING, ETC. AS REQUIRED FOR A COMPLETE OPERATING MECHANICAL SYSTEM.
 - PROVIDE SHOP DRAWINGS AT NO ADDITIONAL COST TO THE OWNER.
- PLUMBING CONTRACTOR SHALL LOCATE AND COORDINATE EXACT LOCATION OF ALL PLUMBING EQUIPMENT WITHIN THE STRUCTURE.
- ACCESS DOORS: COORDINATE WITH ARCHITECT AND LOCATE ALL ACCESS DOORS ON SHOP DRAWINGS PRIOR TO BEGINNING OF CONSTRUCTION. ACCESS DOORS IN FIRE RATED STRUCTURE SHALL BE FIRE RATED. VERIFY ACCESS DOOR LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO BIDDING.
- ROOF PENETRATIONS: SEE ARCHITECTURAL DRAWINGS FOR ROOF CAP, ROOF CURB, ROOF DRAIN, OVERFLOW DRAINS AND VTR DETAILS.
- EXPOSED PIPING: PROVIDE CHROME PLATING FOR EXPOSED PIPING IN FINISHED ROOMS.
- PENETRATIONS: PROVIDE ESCUTCHEON PLATES FOR EXPOSED PIPING PENETRATIONS AND SHEET METAL FLASHING FOR EXPOSED DUCTWORK PENETRATIONS.
- SHAFT AND PLENUM CONNECTIONS: SEAL CONNECTIONS TO AIR SHAFTS AIRTIGHT. PROVIDE AIRTIGHT SEAL AROUND PENETRATIONS IN AIR PLENUMS.
- LIGHT FIXTURE CLEARANCE: COORDINATE LOCATIONS OF MECHANICAL WORK TO PROVIDE CLEARANCES OVER LIGHTING FIXTURES FOR REMOVAL AND REPLACEMENT.
- CABLE TRAYS: PIPING INSTALLED ADJACENT TO ELECTRICAL CABLE TRAYS SHALL ALLOW MINIMUM ACCESS OF 6" ABOVE AND TO THE SIDE OF CABLE TRAYS.
- MOTORS: COMPLY WITH ENERGY CODE ENFORCED BY AHJ FOR MINIMUM EFFICIENCIES UNDER FULL LOAD.
- ACCESS CLEARANCES FOR MAINTENANCE AND REPLACEMENT: VERIFY PHYSICAL DIMENSIONS OF EQUIPMENT TO ENSURE THAT ACCESS CLEARANCES CAN BE MET. COORDINATE LOCATIONS OF MECHANICAL WORK AND WORK OF OTHER TRADES TO PROVIDE ACCESS CLEARANCES FOR SERVICE AND MAINTENANCE.

COORDINATION REQUIREMENTS

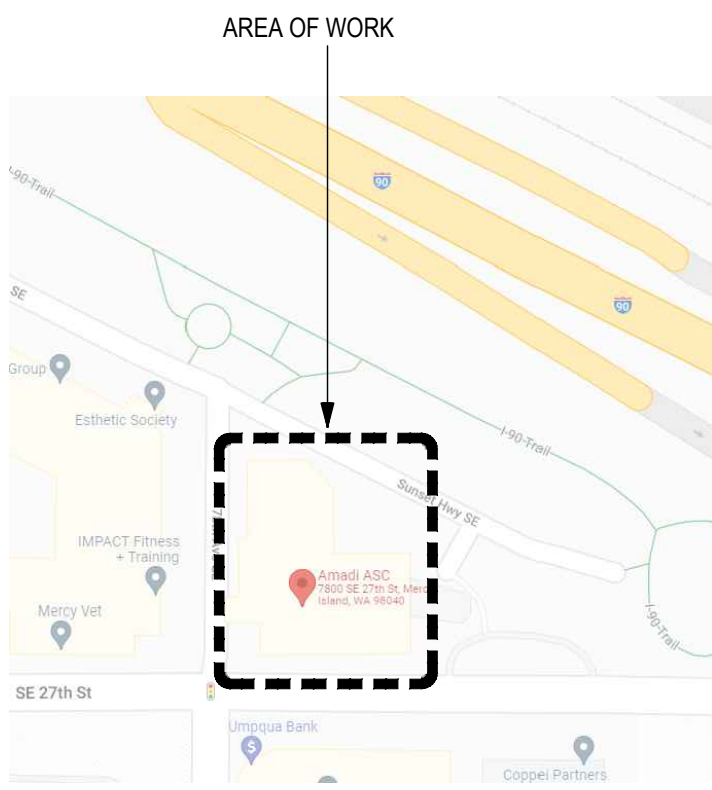
- PLUMBING FIXTURES & EQUIPMENT: COORDINATE EXACT LOCATION OF ALL PLUMBING FIXTURES & EQUIPMENT WITH ARCHITECTURAL AND OTHER TRADES DOCUMENTS.
- PIPING: COORDINATE EXACT LOCATION OF ALL STRUCTURAL FRAMING & FOOTINGS AND FINALIZE THE EXACT ROUTING OF ALL PIPES WITH STRUCTURAL ENGINEER AT THE SITE PRIOR TO AND DURING THE CONSTRUCTION. COORDINATE UNDER GRADE PIPING & FOUNDATION DRAINAGE PIPING WITH CIVIL ENGINEER.
- ADJUSTMENTS: ALL EQUIPMENT, MOTORS, FANS GAS BURNERS, IGNITION DEVICES, DRIVES, ETC. SHALL BE ADJUSTED AND BALANCED TO OPERATE AT SPECIFIED RATINGS AS REQUIRED FOR THIS PROJECT SITE AND ACCOUNTING FOR ELEVATION ABOVE SEA LEVEL.
- APPROVALS: MECHANICAL AND PLUMBING EQUIPMENT SHALL BE APPROVED FOR INSTALLATION IN THE PROJECT LOCATION AND SHALL HAVE ALL CERTIFICATIONS AND RATINGS TO MEET ALL ENERGY, POLLUTION, ENVIRONMENTAL, SEISMIC, APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL COORDINATE WITH MANUFACTURE SUPPLIERS AND SHALL INCLUDE ALL COSTS REQUIRED TO MEET THE BID DOCUMENTS.
- FIRE PROTECTION: CONTRACTOR SHALL PROVIDE A FULLY DESIGNED FIRE PROTECTION SPRINKLER SYSTEM IN COMPLIANCE WITH NFPA AND LOCAL CODES. PROVIDE DESIGN, PERMITS, MATERIALS, INSTALLATION, TESTING AND ALL OTHER FOR A FULLY OPERATIONAL SYSTEM. LOCATION OF ALL PIPING TO BE COORDINATED WITH OTHER TRADES.
- PRIOR TO PIPING INSTALLATION: PLUMBING CONTRACTOR TO COORDINATE PIPING LAYOUT WITH ALL OTHER TRADES.
- ACCESS: COORDINATE ALL ACCESS LOCATIONS WITH GENERAL CONTRACTOR AND ARCHITECT TO ENSURE ALL REQUIRED ACCESS HATCHES, ACCESS PANELS & ACCESS COVERS ARE PROVIDED.
- PROVIDE & INSTALL WATER TIGHT SEALS FOR ANY PIPING PENETRATING THE EXTERIOR FOUNDATION WALLS OR SLABS.
- ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT IMMEDIATELY.
- PROVIDE & INSTALL FIRE PROOFING FOR ALL PIPING PENETRATING FIRE BARRIER WALLS OR FLOOR SLABS.

PLUMBING NOTES

- CONNECTIONS: PROVIDE PLUMBING FIXTURE CONNECTIONS TO BUILDING WASTE, VENT, COLD WATER, AND HOT WATER SYSTEM IN ACCORDANCE WITH DRAWINGS, MANUFACTURER'S RECOMMENDATIONS, AND LOCAL CODES. CONNECT TO EACH FIXTURE, EQUIPMENT, ETC. WITH ALL ACCESSORIES, VALVES, VACUUM BREAKERS, REGULATORS, UNIONS, ETC. AS REQUIRED AND AS RECOMMENDED BY THE MANUFACTURERS. REFER TO PLUMBING FIXTURE CONNECTION SCHEDULE ON PLANS.
- HOT AND COLD: WATER PIPING CONNECTION TO EACH FIXTURE SHALL BE COLD WATER ON THE RIGHT HAND SIDE AND HOT WATER ON THE LEFT HAND SIDE.
- HOT WATER: NON-CIRCULATING HOT WATER PIPE SHALL NOT EXCEED WSEC REQUIREMENTS.
- CLEANOUTS: PROVIDE CLEANOUTS PER CURRENT UPC AND AS REQUIRED BY LOCAL JURISDICTIONS. CLEANOUTS SHALL BE LOCATED IN WALLS/FLOORS WHERE THEY ARE NOT HIGHLY VISIBLE. FLOOR CLEANOUTS IN CARPETED AREAS TO BE FITTED WITH CARPET INSERTS. LOCATIONS SHALL BE SUBMITTED TO ARCHITECT FOR APPROVAL. NOTE: NOT ALL CLEANOUTS ARE SHOWN ON THE PLUMBING DRAWINGS.
- SUDS RELIEF: PROVIDE SUDS RELIEF IN ACCORDANCE WITH CURRENT UPC STATE AND LOCAL CODES.
- SHUT-OFFS: PROVIDE 1/4 TURN BALL VALVE ANGLE STOP SHUT-OFF VALVES AND BRAIDED STAINLESS STEEL FLEX CONNECTORS AT HOT AND COLD WATER SUPPLY TO EACH FIXTURE. EXCEPTION: PROVIDE SCREWDRIVER STOPS AT BATH/SHOWERS.
- ADA INSULATION: AT PLUMBING PIPING EXPOSED UNDER LAVATORIES, INSULATE THE EXPOSED PIPING AND TRAPS WITH PRODUCT SPECIFICALLY DESIGNED FOR THIS APPLICATION MEETING ADA REQUIREMENTS. PROVIDE HAND-LAY GUARD OR EQUIVALENT. OFFSET P-TRAPS TO CLEAR WHEELCHAIR ACCESS.
- WATER HAMMER ARRESTORS: PROVIDE AT THE END OF HOT AND COLD WATER LINES SERVING TWO OR MORE FIXTURES. SIZE IN ACCORDANCE WITH PLUMBING AND DRAINAGE INSTITUTE (PDI) REQUIREMENTS. WATER HAMMER ARRESTORS ARE REQUIRED FOR QUICK CLOSING VALVES, SUCH AS LAUNDRY WASHERS, FLUSH VALVES (PUBLIC TOILETS), ETC.
- TRAP PRIMERS: PROVIDE TRAP PRIMERS AND PIPING FOR FLOOR DRAINS, FLOOR SINKS, AREA DRAINS & HUB DRAINS. ARRANGE PIPING TO ACHIEVE EQUAL FLOW TO EACH DRAIN AND FLOOR SINK FOR TRAP PRIMERS SERVING MULTIPLE DRAINS AND FLOOR SINKS. COORDINATE EXACT LOCATIONS WITH ARCHITECT & ELECTRICAL ENGINEER.
- P-TRAPS: ALL EXPOSED P-TRAPS SHALL BE CHROME-PLATED BRASS. P-TRAPS SERVING HANDICAPPED COUNTER TOP LAVATORIES SHALL BE INSULATED.
- DISASSEMBLY PROVISIONS: PROVIDE UNIONS OR FLANGES AT PIPING CONNECTIONS TO EQUIPMENT, COILS, TRAPS, CONTROL VALVES, AND OTHER COMPONENTS TO ALLOW DISASSEMBLY FOR MAINTENANCE.
- REDUCERS: PROVIDE AS REQUIRED FROM LINE PIPE SIZE TO EQUIPMENT, TRAP, COIL, AND CONTROL VALVE CONNECTION SIZES.
- VALVE TAGS: PROVIDE VALVE TAGS PER SPECIFICATIONS TO IDENTIFY VALVE AND THE AREA IT SERVES.
- OFFSETS: PROVIDE FOR BRANCH LINES TO EQUIPMENT.
- PROVIDE AND INSTALL PIPE MARKER WITH DIRECTION OF FLOW. LABEL "NON-POTABLE WATER DO NOT DRINK" CLEARLY ON NON-POTABLE WATER PIPING.
- PROVIDE EXPANSION LOOPS/EXPANSION JOINTS IN PIPING PER LOCAL CODES.
- PROVIDE & INSTALL APPROVED PIPE HANGERS & PIPE SUPPORTS IN ACCORDANCE WITH LATEST APPLICABLE STATE & LOCAL CODES. SUBMIT FOR APPROVAL.
- DIELECTRIC UNIONS: PROVIDE AT CONNECTIONS OF DISSIMILAR PIPE.
- REFRIGERANT PIPING: PROVIDE SIZING & INSTALLATION IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- CONDENSATE DRAIN: PROVIDE A P-TRAP FOR EACH HVAC UNIT CONDENSATE PAN WITH PLUG TEES FOR CLEANING. CONDENSATE DRAINS SHALL BE DISCHARGED TO AN INDIRECT WASTE OR OUTSIDE.
- PIPING & EQUIPMENT SUPPORTS/HANGERS & SEISMIC RESTRAINTS TO BE DESIGNED BY DESIGN BUILT CONTRACTOR.
- ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE 2018 WASHINGTON STATE ENERGY CODE.
- BUILDING DRAIN AND VENT PIPING MATERIALS SHALL COMPLY WITH 2018 UPC 701.0 AND 903.0.
- ALL STORAGE WATER HEATING EQUIPMENT SHALL BE PROVIDED WITH AN APPROVED, LISTED EXPANSION TANK OR OTHER DEVICE DESIGNED FOR INTERMITTENT OPERATION FOR THERMAL EXPANSION CONTROL PER 2018 UPC 608.3.
- WATER HEATERS SHALL BE ANCHORED OR STRAPPED TO RESIST HORIZONTAL DISPLACEMENTS DUE TO SEISMIC MOTION PER 2018 UPC 507.2.
- MATERIAL EXPOSED WITHIN A DUCT OR PLENUM SHALL COMPLY WITH 2018 IMC 2018 601.1.3.
- HVAC EQUIPMENT AND WATER HEATERS SHALL COMPLY WITH 2018 IMC CHAPTER 3.
- BOILERS SHALL COMPLY WITH ALL THE REQUIREMENTS OF 2018 IMC CHAPTER 10.
- SHOWERS AND TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WITH MIXING VALVES PER 2018 UPC 408.0.
- CONTRACTOR SHALL PROVIDE FIRESTOPPING AT PENETRATIONS AS NECESSARY TO RETAIN THE FIRE RATING OF ALL ASSEMBLIES. ALL WORK SHALL BE IN COMPLIANCE WITH CODE REQUIREMENTS FOR THE BUILDING CONSTRUCTION TYPE.

MEDICAL GAS NOTES

- MEDICAL GAS SYSTEM SPECIFICATIONS:
 - OXYGEN (O2): SYSTEM OPERATING PRESSURE SHALL BE 50-55 PSIG. PIPING SHALL BE BRAZED TYPE-L COPPER. PIPING SHALL BE LABELED "OXYGEN" IN WHITE TEXT ON GREEN BACKGROUND.
 - MEDICAL COMPRESSED AIR (MA): SYSTEM OPERATING PRESSURE SHALL BE 50-55 PSIG. PIPING SHALL BE BRAZED TYPE-L COPPER. PIPING SHALL BE LABELED "MEDICAL AIR" IN BLACK TEXT ON YELLOW BACKGROUND.
 - MEDICAL VACUUM (MV): SYSTEM OPERATING PRESSURE SHALL BE 15-20"HG. PIPING SHALL BE BRAZED TYPE-L COPPER. PIPING SHALL BE LABELED "MEDICAL VACUUM" IN BLACK TEXT ON WHITE BACKGROUND.
- CERTIFICATION TEST: PRIOR TO PLACING MEDICAL GAS AND VACUUM SYSTEMS INTO SERVICE, ALL SYSTEMS SHALL BE CERTIFIED IN ACCORDANCE WITH UPC 1319.2. A REPORT THAT INCLUDES THE SPECIFIC ITEMS ADDRESSED IN SECTION 1319.2, AND OTHER INFORMATION REQUIRED BY UPC CHAPTER 13, SHALL BE DELIVERED TO THE AUTHORITY HAVING JURISDICTION PRIOR TO ACCEPTANCE OF THE SYSTEM. CERTIFICATION TESTS, VERIFIED AND ATTESTED TO BY THE CERTIFICATION AGENCY, SHALL INCLUDE THE FOLLOWING:
 - VERIFYING IN ACCORDANCE WITH THE INSTALLATION REQUIREMENTS.
 - TESTING, CHECKING FOR LEAKAGE, CORRECT ZONING, AND IDENTIFICATION OF CONTROL VALVES.
 - CHECKING FOR IDENTIFICATION AND LABELING OF PIPELINES, STATION OUTLETS, AND CONTROL VALVES.
 - TESTING FOR CROSS-CONNECTION, FLOW RATE, SYSTEM PRESSURE DROP, AND SYSTEM PERFORMANCE.
 - FUNCTIONAL TESTING OF PRESSURE RELIEF VALVES AND SAFETY VALVES.
 - FUNCTIONAL TESTING OF SOURCES OF SUPPLY.
 - FUNCTIONAL TESTING OF ALARM SYSTEMS, INCLUDING ACCURACY OF SYSTEM COMPONENTS.
 - PURGE FLUSHING OF SYSTEM AND FILLING WITH SPECIFIC SOURCE GASES.
 - TESTING FOR PURITY AND CLEANLINESS OF SOURCE GASES.
 - TESTING FOR SPECIFIC GAS IDENTITY AT EACH STATION OUTLET.
- THIRD PARTY TESTING: THIRD PARTY TESTING AGENCY MUST BE ASSE 6030 MEDICAL GAS SYSTEM VERIFIER CERTIFIED.
- INSTALLER QUALIFICATIONS: QUALIFICATION OF INSTALLERS MUST BE KEPT ON-SITE AND PRODUCED AT THE REQUEST OF INSPECTOR. THIS INCLUDES VALID BRAZING CERTIFICATION AND THIRD PARTY TESTING AGENCY.



VICINITY PLAN

PROPERTY ADDRESS
7800 SE 27TH ST
MERCER ISLAND, WA 98040

ASSESSORS PARCEL NUMBER
769844-0000

LEGAL DESCRIPTION
-

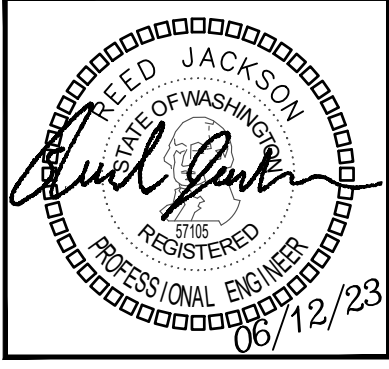
ASSOCIATED BUILDING PERMITS
-

APPLICABLE CODES
2018 INTERNATIONAL BUILDING CODE (IBC)
2018 INTERNATIONAL MECHANICAL CODE (IMC)
2018 UNIFORM PLUMBING CODE (UPC)
2020 NATIONAL ELECTRIC CODE (NEC)
2018 WASHINGTON STATE ENERGY CODE (WSEC)

SCOPE OF WORK
PLUMBING AND MEDICAL GAS PIPING FOR A CATEGORY 1 AMBULATORY SURGERY FACILITY, INCLUDING PLUMBING FOR NEW EXAM SINKS, RESTROOMS, AND MISCELLANEOUS FIXTURES, AND MEDICAL GAS PIPING FOR TWO OPERATORIES.

DRAWING INDEX	
DWG	DESCRIPTION
P000	GENERAL NOTES, DRAWING INDEX
P001	SCHEDULES
P20G1	LEVEL G1 PLAN
P201	LEVEL 1 PLAN
P202	LEVEL 2 PLAN
P203	LEVEL 3 PLAN
P204	LEVEL 4 PLAN
P205	LEVEL 5 PLAN
P206	ROOF PLAN
P300	ENLARGED COURTYARD PLAN
P400	LEVEL G1 SUPPLY PLAN
P401	LEVEL 1 SUPPLY PLAN
P402	SUPPLY PIPING DIAGRAM
P500	LEVEL G1 DWV PLAN
P501	LEVEL 1 DWV PLAN
P502	DWV PIPING DIAGRAM
P600	LEVEL G1 MEDGAS PLAN
P601	LEVEL 1 MEDGAS PLAN
P602	MEDGAS PIPING DIAGRAMS

NO.	DATE	DESCRIPTION
	06/12/2023	PERMIT SUBMITTAL



PROJECT: AMADI AESTHETICS
ASF
7800 SE 27th ST, MERCER ISLAND WA

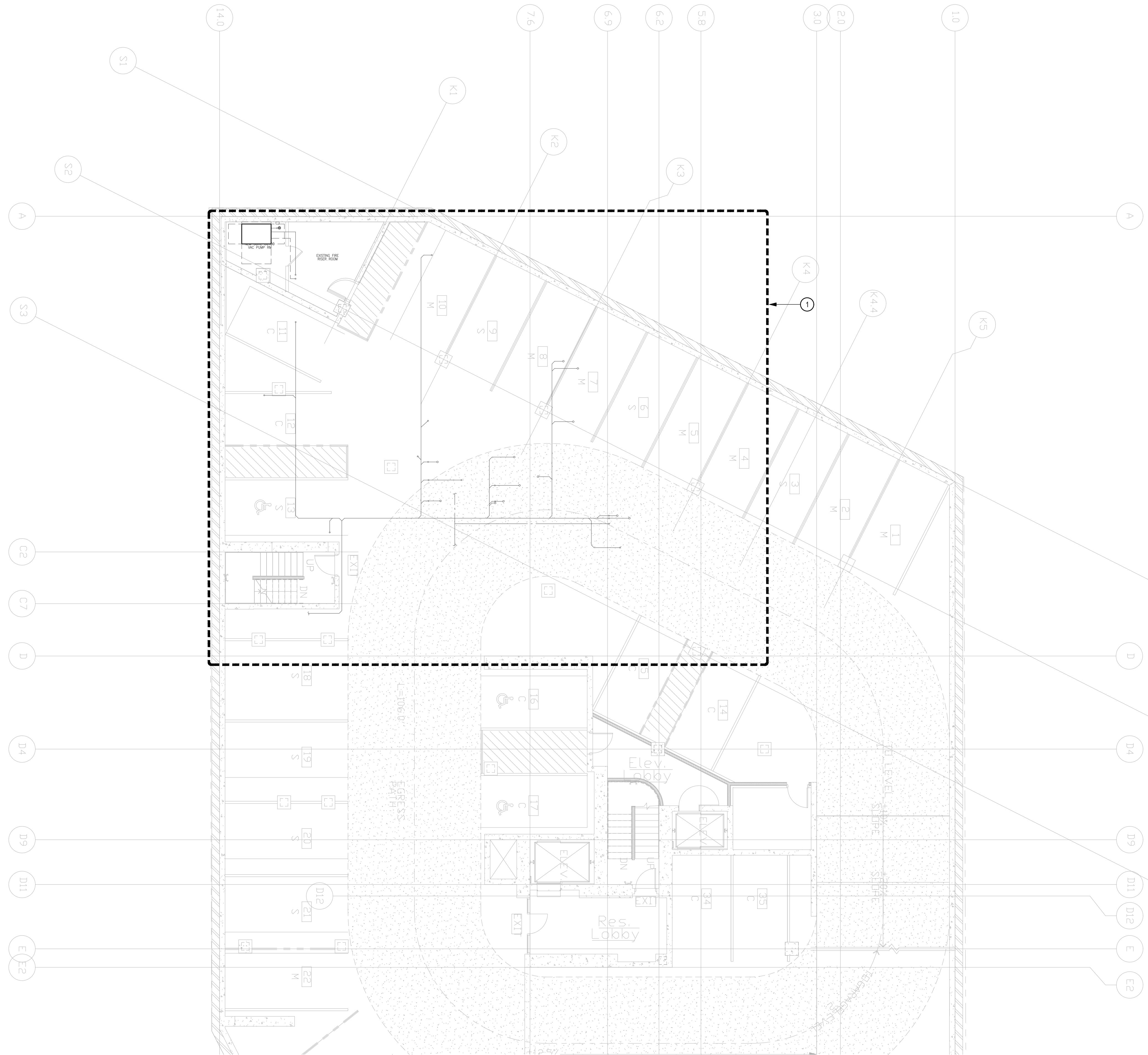
**19401 40TH AVE W, SUITE 302
LYNNWOOD, WA 98036
PHONE: (206) 964-3343
CONTACT: REED JACKSON**

ROBISON ENGINEERING, INC.

DATE:
06/12/2023

SHEET TITLE:
GENERAL NOTES,
DRAWING INDEX

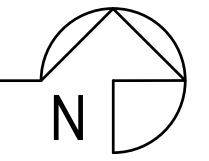
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P000



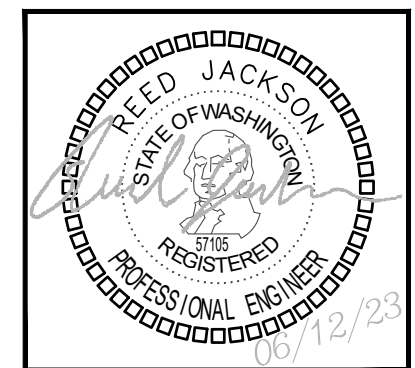
KEY NOTES
 1. AREA OF WORK: SEE P400, P500, P600 FOR ENLARGED LEVEL G1 PLUMBING PLANS.

LEVEL G1 PLAN

SCALE: 1/8" = 1'-0"



NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS**
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

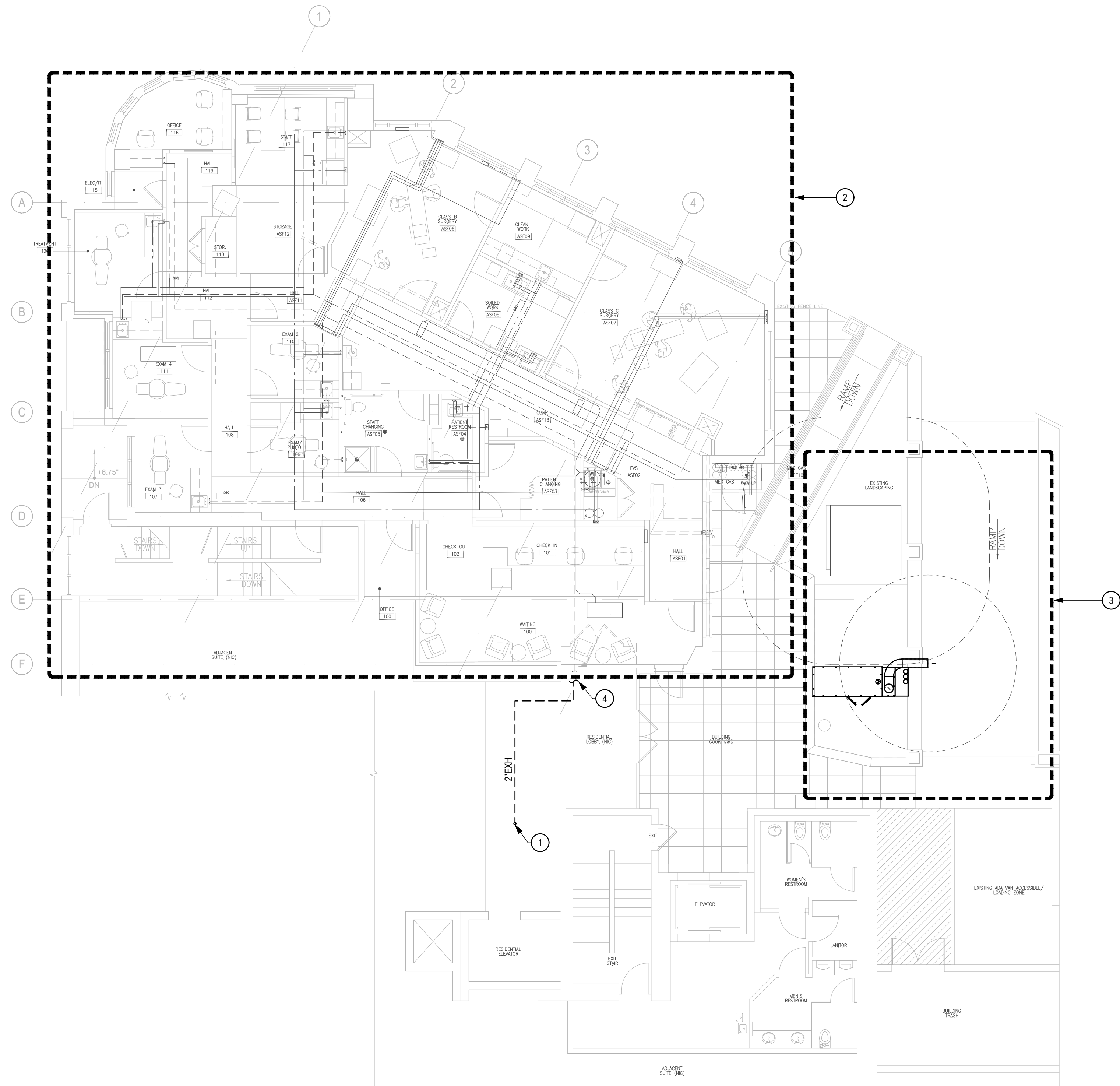
19401 40TH AVE. W. SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206)964-3343
 CONTACT: REED JACKSON

ROBISON
 ENGINEERING, INC.

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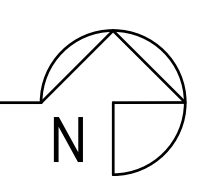
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LEVEL G1 PLAN

SHEET NO.
P20G1

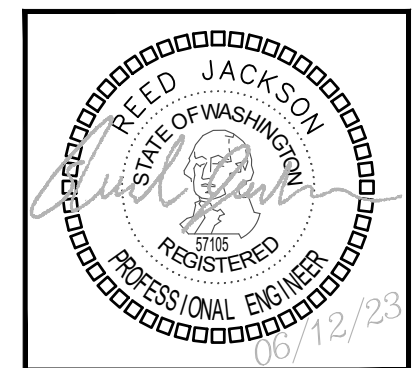


- KEY NOTES**
- 2" VACUUM EXHAUST TO ROOF.
 - AREA OF WORK: SEE P401, P501, P601 FOR ENLARGED L1 PLUMBING PLANS.
 - SEE P300 FOR ENLARGED COURTYARD PLAN.
 - VACUUM EXHAUST, SEE P601 FOR CONTINUATION.

LEVEL 1 PLAN
 SCALE: 1/8" = 1'-0"
 0' 4' 8' 16'



NO.	DATE	DESCRIPTION	REVISIONS
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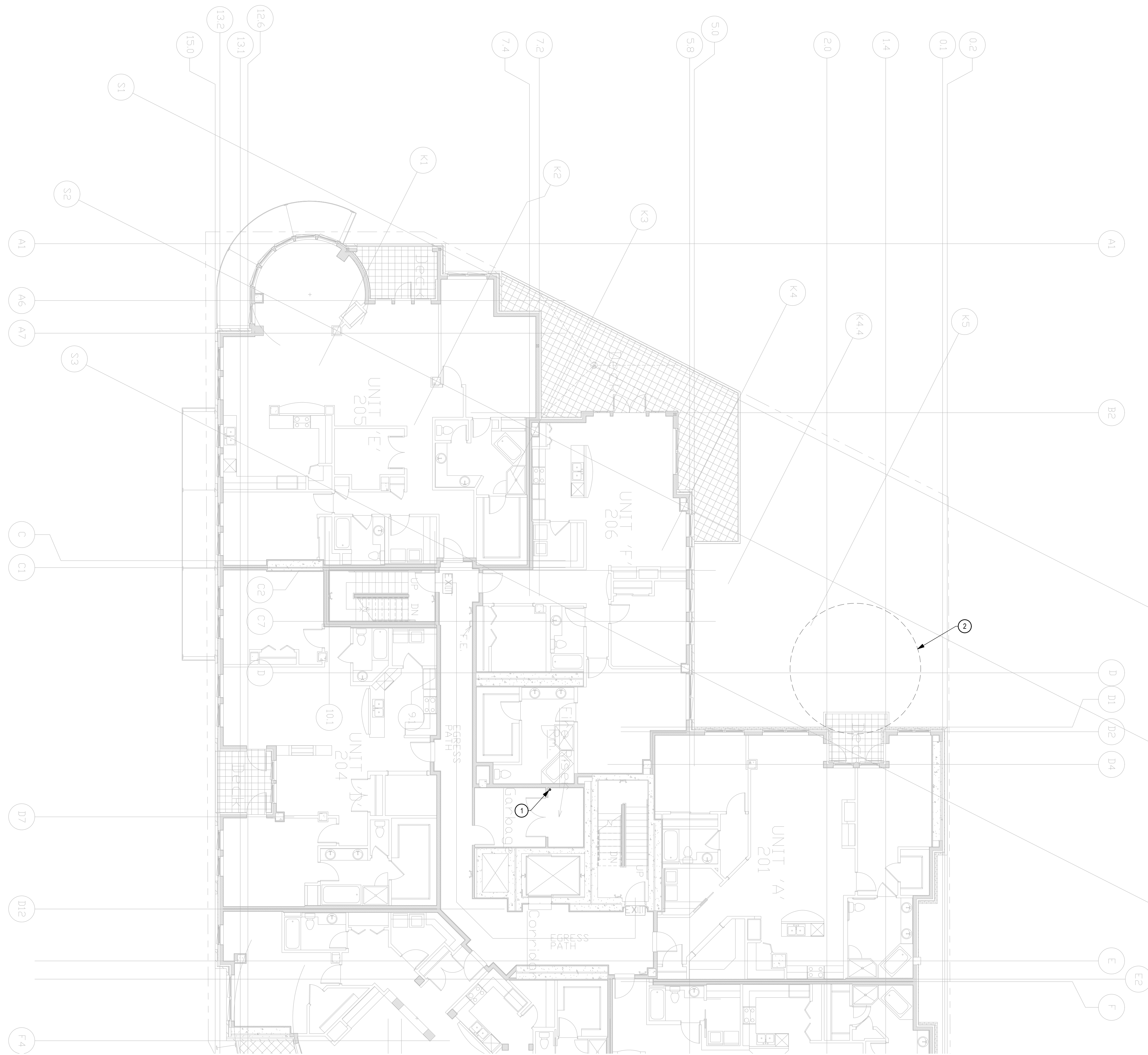
PROJECT: AMADI AESTHETICS
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

**19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
 CONTACT: REED JACKSON**

DATE:
06/12/2023

SHEET TITLE:
LEVEL 1 PLAN

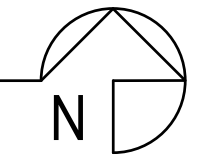
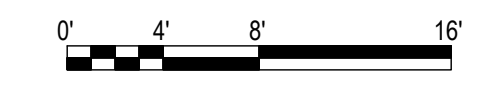
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P201



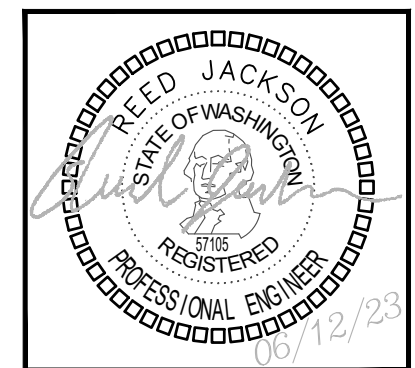
- KEY NOTES
- 2" VACUUM EXHAUST TO ROOF.
 - GENERATOR EXHAUST CLEARANCE ZONE.

LEVEL 2 PLAN

SCALE: 1/8" = 1'-0"



REVISIONS	
NO.	DATE
1	06/12/2023
	PERMIT SUBMITTAL
	DESCRIPTION



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 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
 CONTACT: REED JACKSON

ROBISON
ENGINEERING, INC.

DATE:
06/12/2023

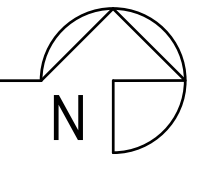
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LEVEL 2 PLAN

SHEET NO.
P202

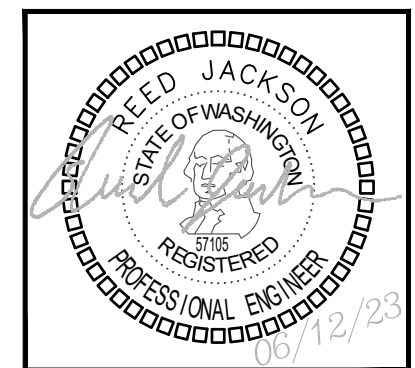


- KEY NOTES
- 2" VACUUM EXHAUST TO ROOF.
 - GENERATOR EXHAUST CLEARANCE ZONE.

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



NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS**
ASF
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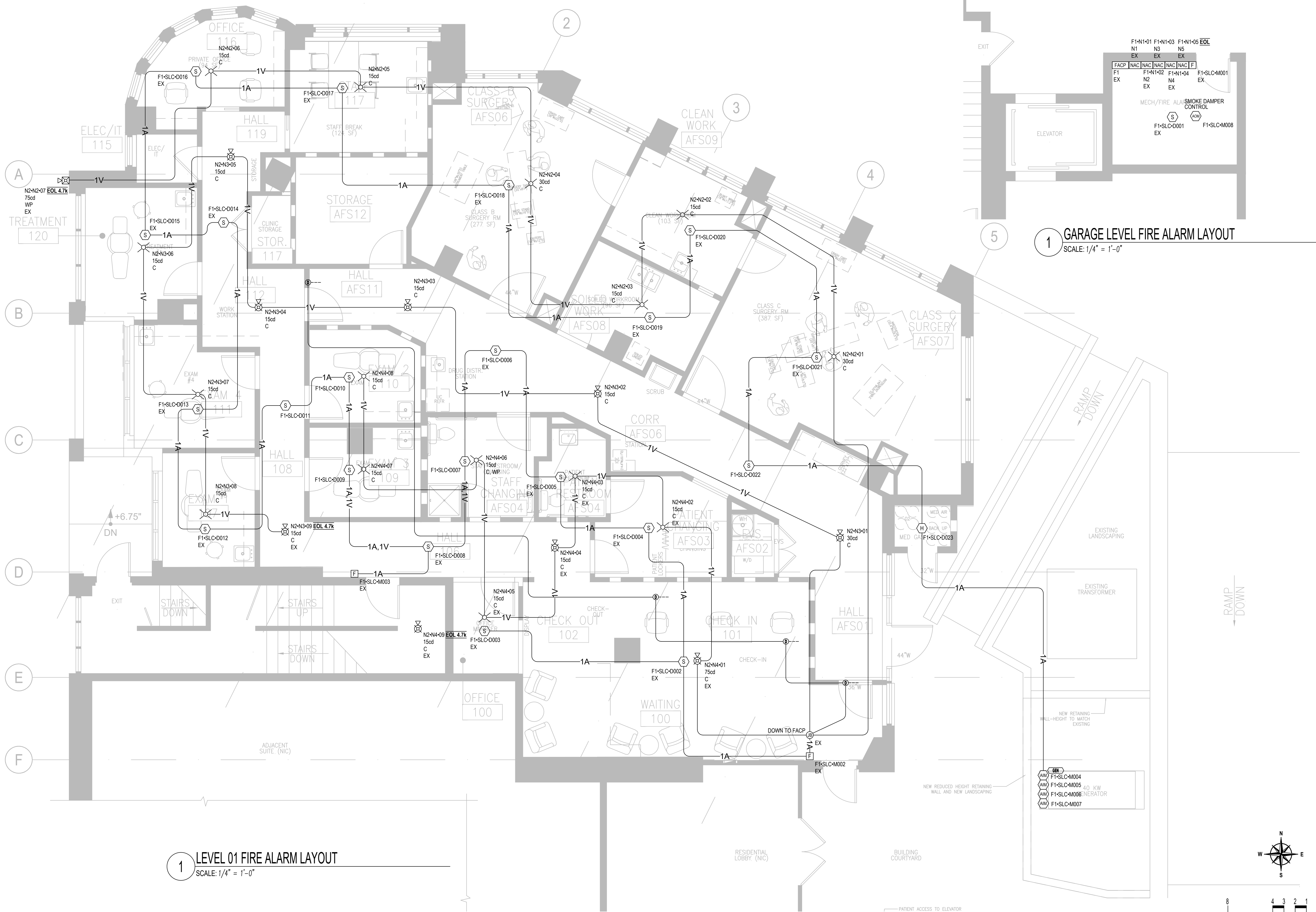
19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
 CONTACT: REED JACKSON

ROBISON ENGINEERING, INC.

DATE:
06/12/2023

SHEET TITLE:
LEVEL 3 PLAN

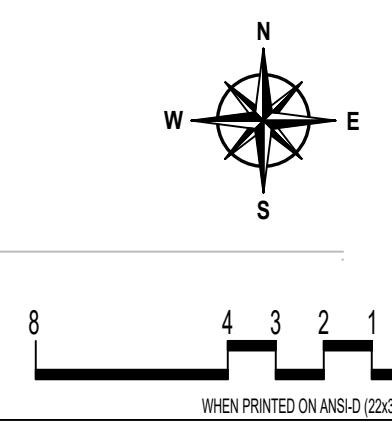
SHEET NO.
P203



1 GARAGE LEVEL FIRE ALARM LAYOUT
SCALE: 1/4" = 1'-0"

1 LEVEL 01 FIRE ALARM LAYOUT
SCALE: 1/4" = 1'-0"

- GEN F1-SLC-M004
- GEN F1-SLC-M005
- GEN F1-SLC-M006
- GEN F1-SLC-M007

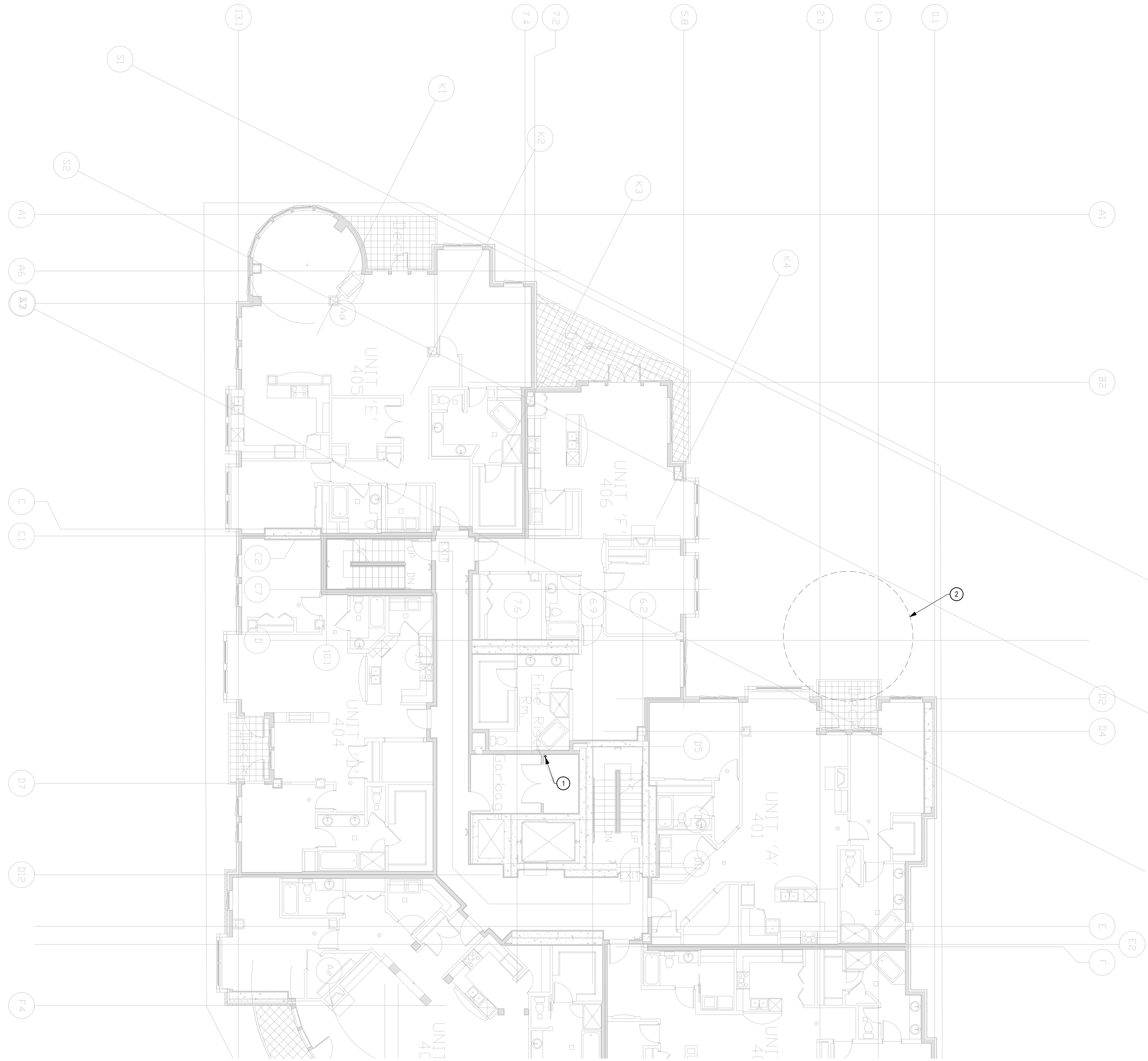


REG. COMM. SET
 FIRE ALARM SYSTEM LEVEL 01
 PROJECT NO. 25AS0557
 DATE 05/17/2023
 SHEET FA2.01

COSCO
 Fire Protection
 FIRE PROTECTION AND LIFE SAFETY SPECIALISTS
 4300 UNIVERSITY AVENUE
 SEATTLE, WA 98148
 WWW.COSCOFIRE.COM CRF 67528

AMADI PLASTIC SURGERY
 7800 SE 27TH ST
 MERCER ISLAND, WA 98040
 FIRE ALARM DESIGN

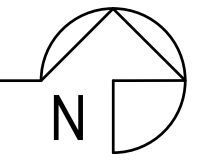
NO.	REV.	DATE	BY	DESCRIPTION



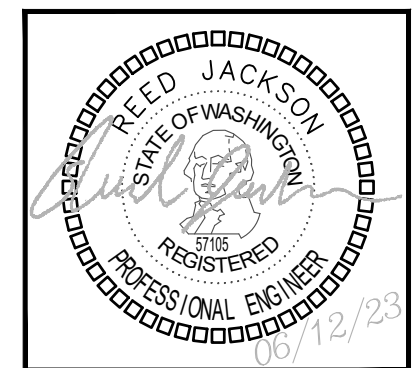
- KEY NOTES
- 2" VACUUM EXHAUST TO ROOF.
 - GENERATOR EXHAUST CLEARANCE ZONE.

LEVEL 4 PLAN

SCALE: 1/8" = 1'-0"



NO.	DATE	DESCRIPTION	REVISIONS
1	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS**
ASF
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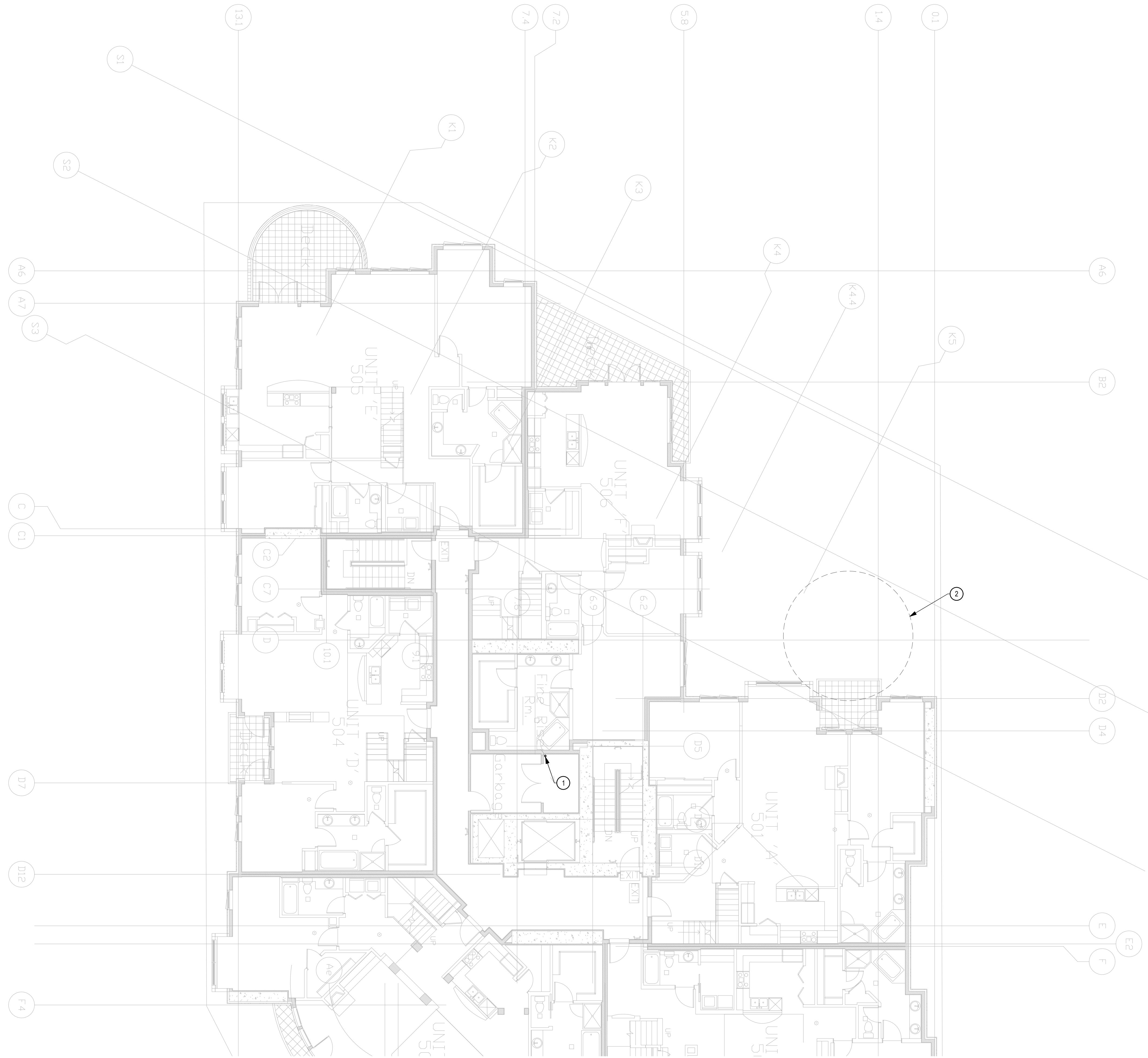
19401 40TH AVE W, SUITE 302
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 PHONE: (206) 964-3343
 CONTACT: REED JACKSON

ROBISON
ENGINEERING, INC.

DATE:
06/12/2023

SHEET TITLE:
LEVEL 4 PLAN

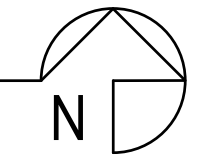
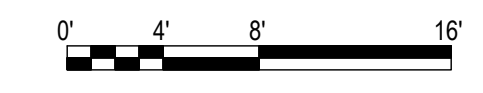
SHEET NO.
P204



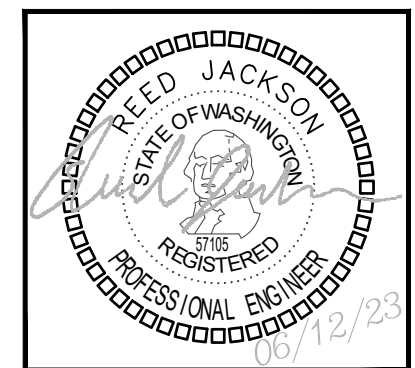
- KEY NOTES
- 2" VACUUM EXHAUST TO ROOF.
 - GENERATOR EXHAUST CLEARANCE ZONE.

LEVEL 5 PLAN

SCALE: 1/8" = 1'-0"



NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



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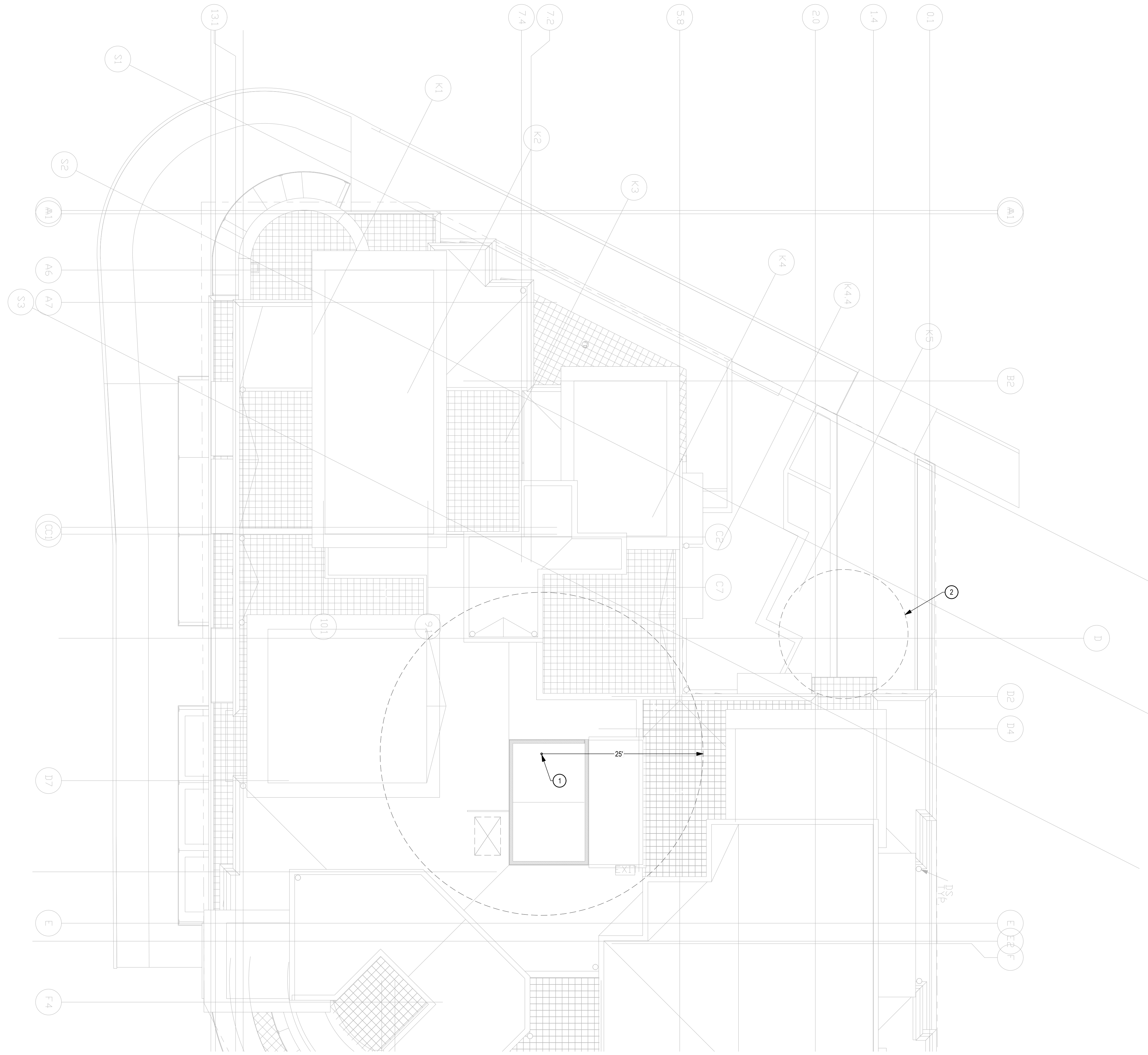
19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
 CONTACT: REED JACKSON

ROBISON
ENGINEERING, INC.

DATE:
06/12/2023

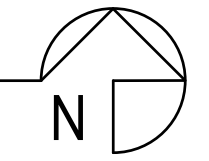
SHEET TITLE:
LEVEL 5 PLAN

SHEET NO.
P205



- KEY NOTES
- 2" VACUUM EXHAUST OUTLET WITH GOOSENECK AND SCREENED OPENING, MIN. 25' FROM BUILDING OPENINGS OR AIR INTAKES.
 - GENERATOR EXHAUST CLEARANCE ZONE.

ROOF PLAN
 SCALE: 1/8" = 1'-0"
 0' 4' 8' 16'



NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS**
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

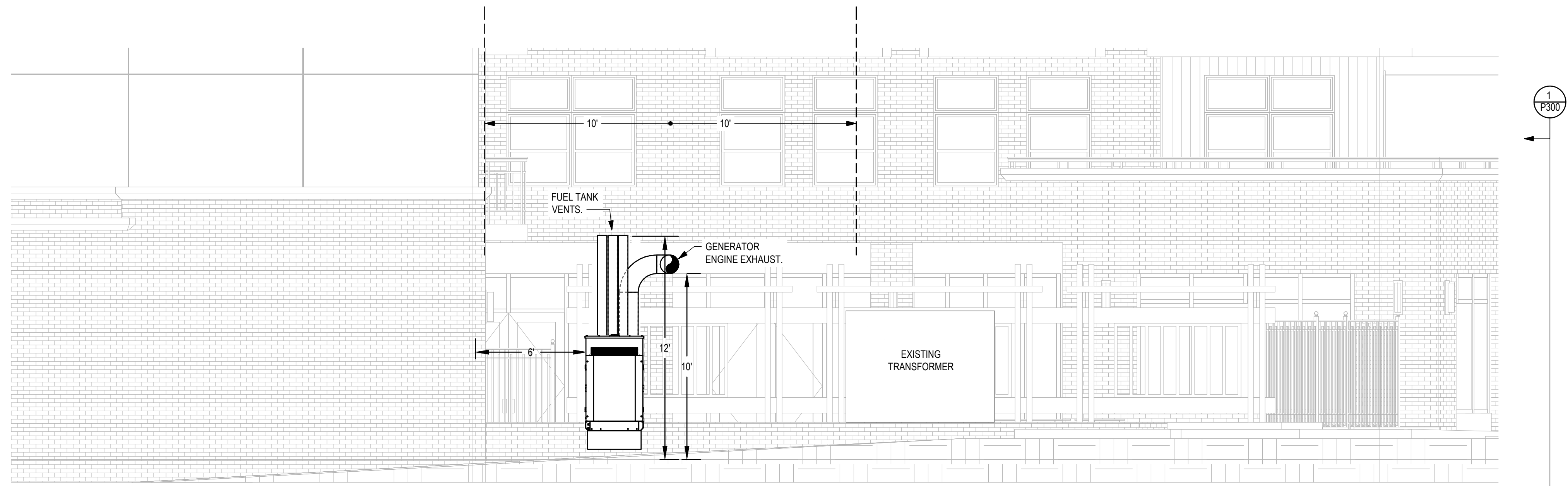
19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
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ROBISON
 ENGINEERING, INC.

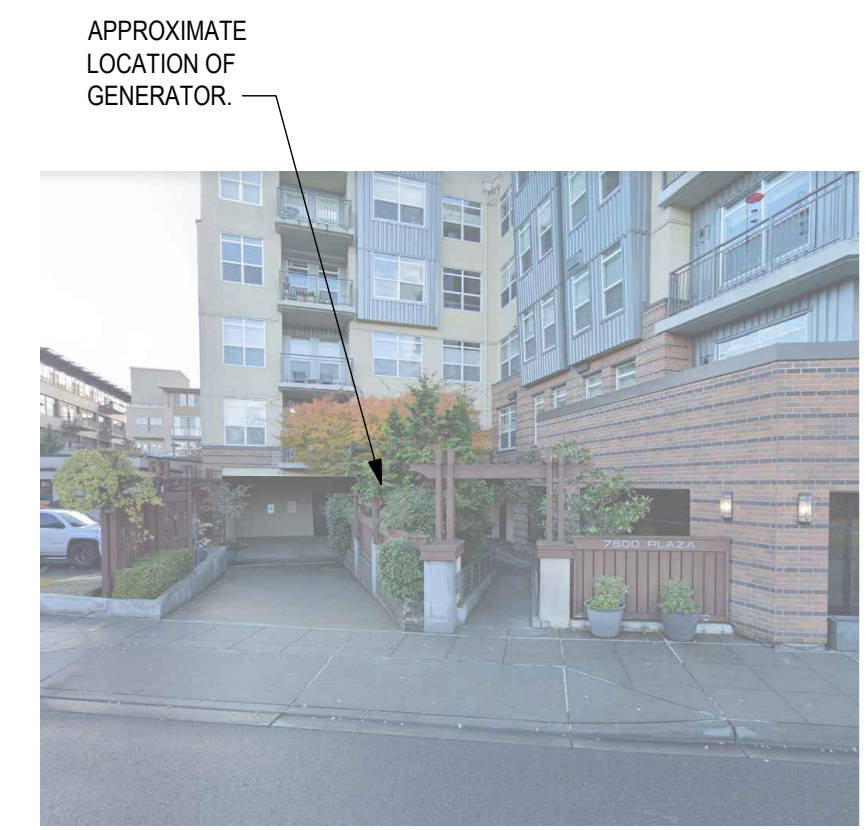
DATE:
06/12/2023

SHEET TITLE:
ROOF PLAN

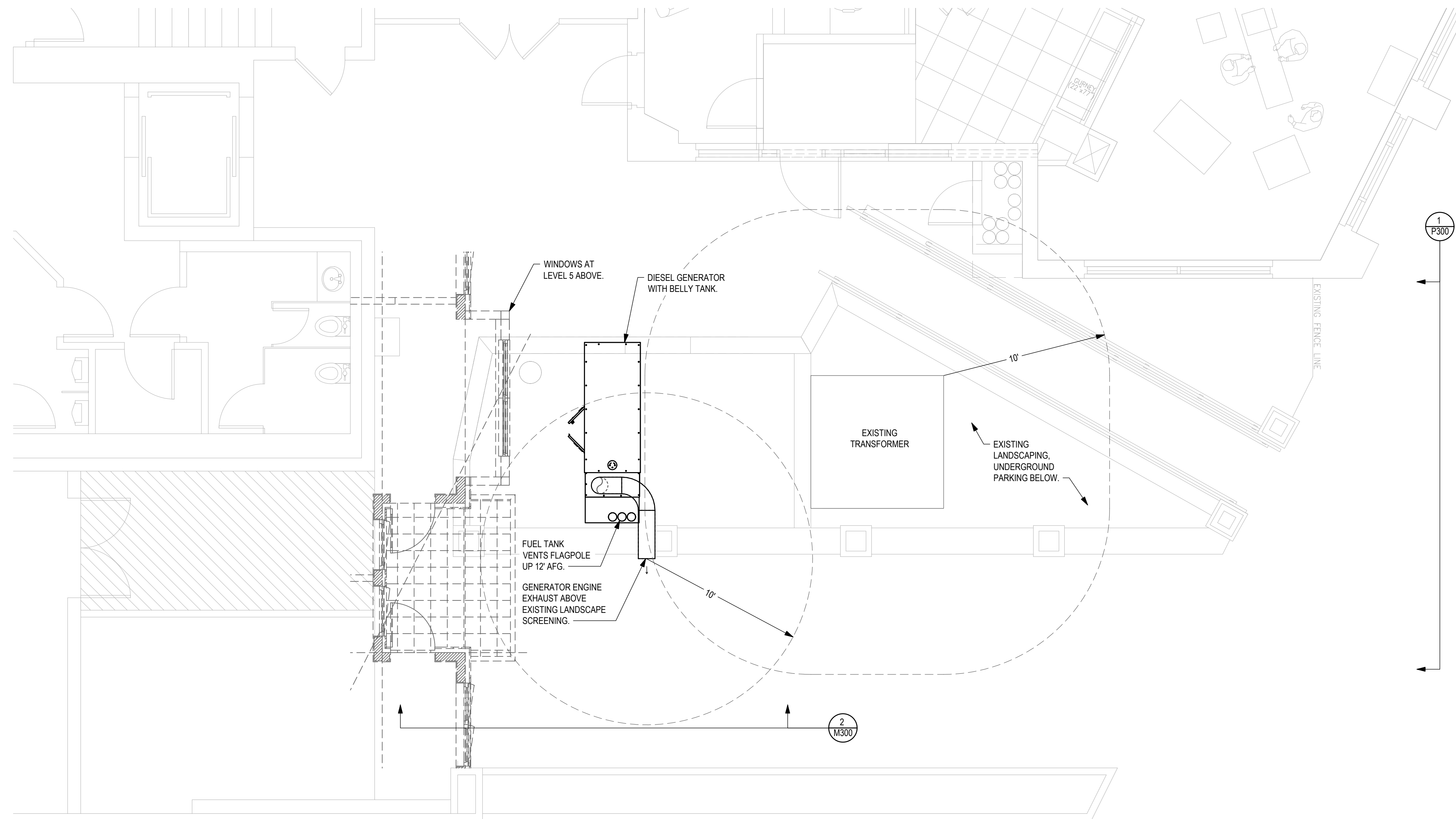
SHEET NO.
P206



COURTYARD ELEVATION
SCALE: 1/4" = 1'-0"



STREET VIEW
NTS



COURTYARD PLAN
SCALE: 1/4" = 1'-0"

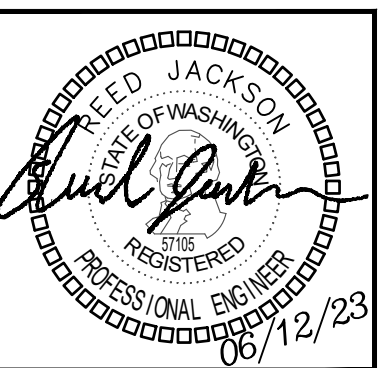
2
P300

1
P300

1
P300

2
M300

NO.	DATE	DESCRIPTION	REVISIONS
1	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS**
ASF
7800 SE 27th ST, MERCER ISLAND WA

19401 40TH AVE W, SUITE 302
LYNNWOOD, WA 98036
PHONE: (206) 964-3343
CONTACT: REED JACKSON

ROBISON
ENGINEERING, INC.

DATE:
06/12/2023

SHEET TITLE:
ENLARGED COURTYARD
PLAN

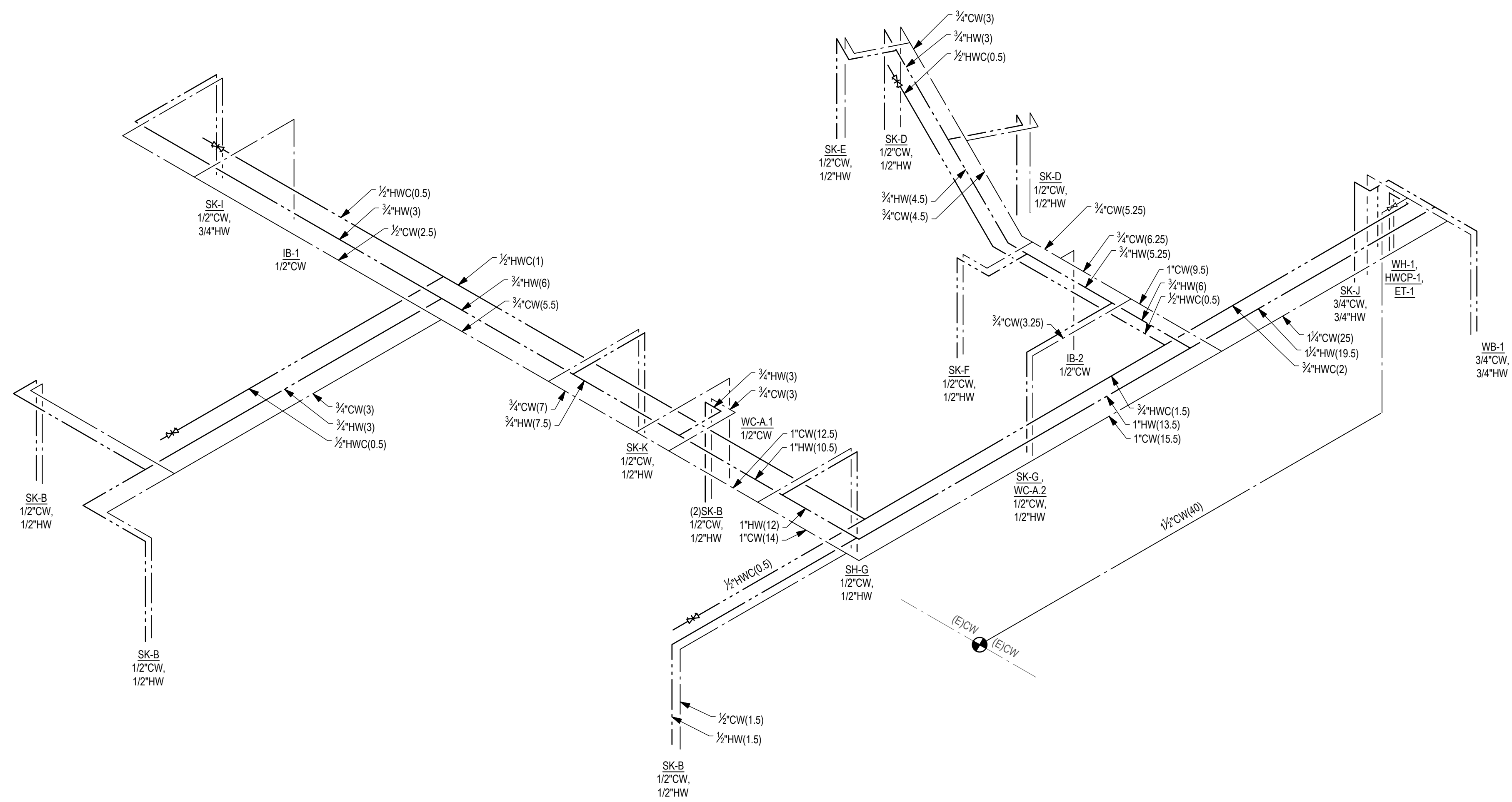
SHEET NO.
P300



- KEY NOTES**
- 1 1/4\"/>

LEVEL 1 SUPPLY PLAN
 SCALE: 1/4" = 1'-0"

PROJECT: AMADI AESTHETICS ASF 7800 SE 27th ST, MERCER ISLAND WA	19401 40TH AVE W, SUITE 302 LYNNWOOD, WA 98036 PHONE: (206) 964-3343 CONTACT: REED JACKSON 								
DATE: 06/12/2023	SHEET TITLE: LEVEL 1 SUPPLY PLAN								
SHEET NO. P401									
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NO.	DATE	DESCRIPTION	REVISIONS						



SUPPLY PIPING DIAGRAM

NO.	DATE	DESCRIPTION	REVISIONS
1	06/12/2023	PERMIT SUBMITTAL	



PROJECT: AMADI AESTHETICS
ASF
7800 SE 27th ST, MERCER ISLAND WA

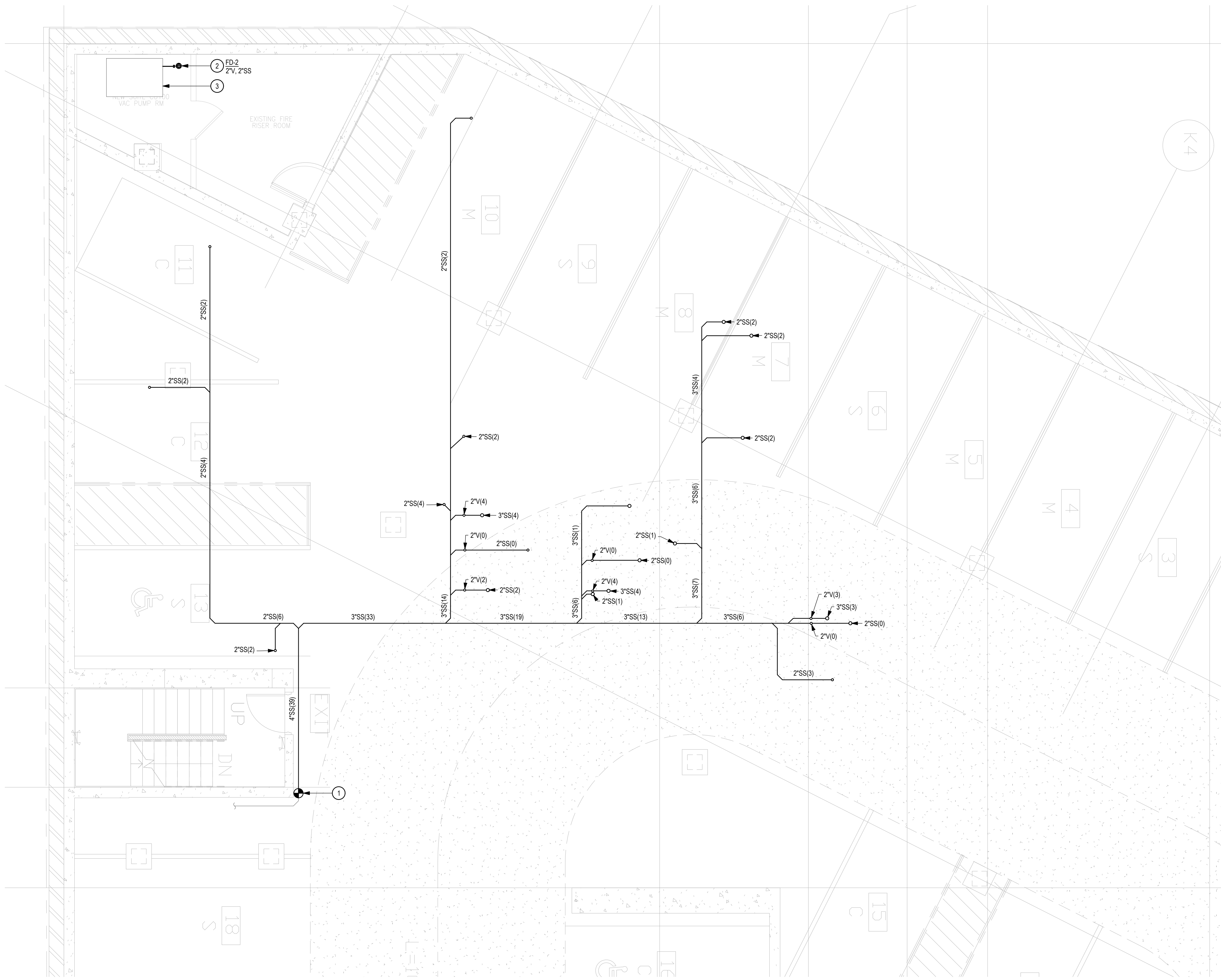
19401 40TH AVE W, SUITE 302
LYNNWOOD, WA 98036
PHONE: (206) 964-3343
CONTACT: REED JACKSON

ROBISON ENGINEERING, INC.

DATE: 06/12/2023

SHEET TITLE:
SUPPLY PIPING
DIAGRAM

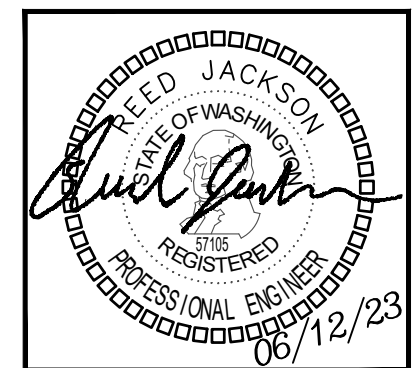
SHEET NO.
P402



- GENERAL NOTES**
1. PROVIDE CONDENSATE PUMPS AT NEW HEAT PUMP CONDENSERS AND BRANCH CONTROLLERS, AND ROUTE 3/4\" CONDENSATE FROM EACH TO FUNNEL FLOOR DRAIN IN VACUUM PUMP ROOM. SEE MECHANICAL FOR EQUIPMENT LOCATIONS.
- KEY NOTES**
1. POINT OF CONNECTION TO EXISTING 4\"SS.
 2. FUNNEL FLOOR DRAIN FOR VACUUM PUMP. CONNECT TO WASTE & VENT PIPING SERVING FIRE RISER ROOM (NOT SHOWN).
 3. VACUUM PUMP, REF P600. PROVIDE 1/2\" DRAIN TO FD-2.

LEVEL G1 DWV PLAN
 SCALE: 1/4\" = 1'-0\"

NO.	DATE	DESCRIPTION	REVISIONS
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PROJECT: **AMADI AESTHETICS**
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343
 CONTACT: REED JACKSON

DATE:
06/12/2023

SHEET TITLE:
LEVEL G1 DWV PLAN

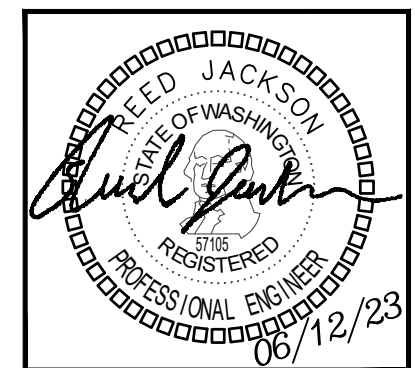
SHEET NO.
P500



- KEY NOTES**
1. TERMINATE VENT THROUGH ROOF OF MEDGAS CLOSET.
 2. HEAT PUMP, REF. MECHANICAL.
 3. COOLING COIL, REF. MECHANICAL.
 4. TERMINATE CONDENSATE AT SINK TAILPIECE.
 5. TERMINATE CONDENSATE AT MOP SINK.
 6. POINT OF CONNECTION TO EXISTING VENT TERMINATION THROUGH WALL.

LEVEL 1 DWV PLAN
 SCALE: 1/4" = 1'-0"

NO.	DATE	DESCRIPTION	REVISIONS
1	06/12/2023	PERMIT SUBMITTAL	



PROJECT: AMADI AESTHETICS
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

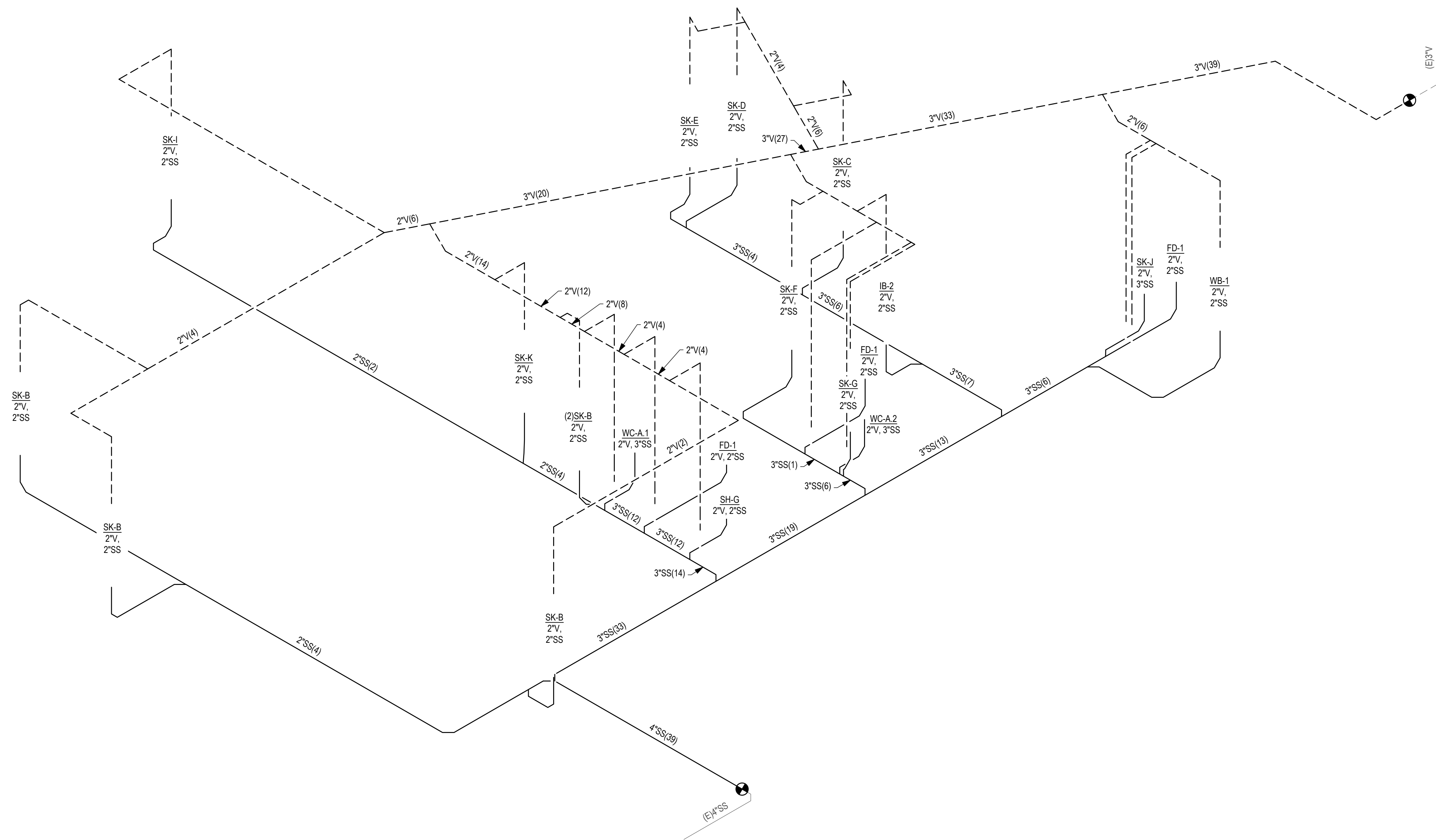
CONTACT: REED JACKSON

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 LYNNWOOD, WA 98036
 PHONE: (206) 964-3343**

DATE:
 06/12/2023

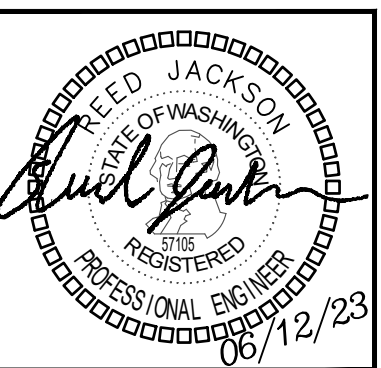
SHEET TITLE:
 LEVEL 1 DWV PLAN

SHEET NO.:
 P501



DWV PIPING DIAGRAM

NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



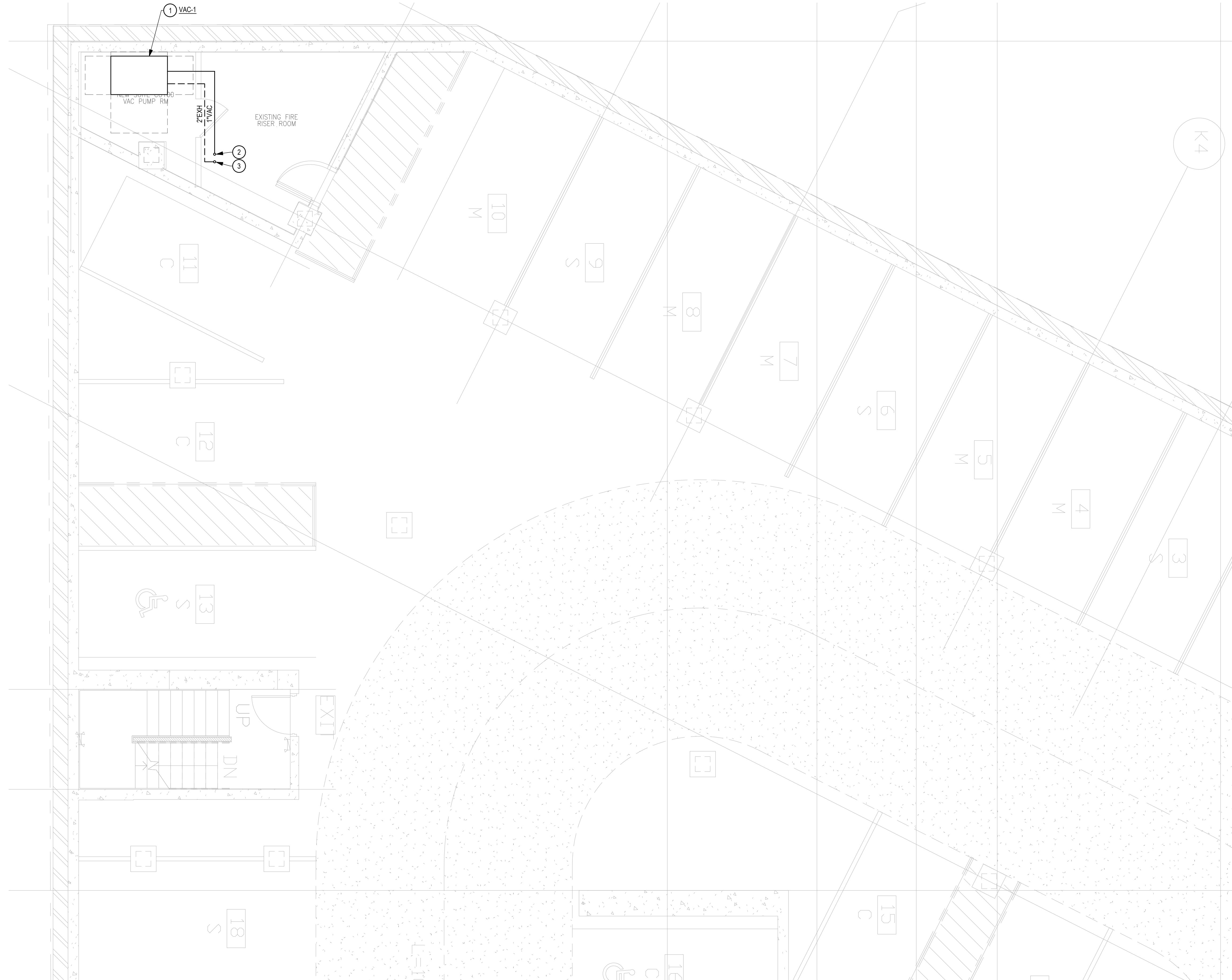
PROJECT: AMADI AESTHETICS
 ASF
 7800 SE 27th ST, MERCER ISLAND WA

 19401 40TH AVE W, SUITE 302
 LYNNWOOD, WA 98036
 PHONE: (206)964-3343
 CONTACT: REED JACKSON

DATE: 06/12/2023

SHEET TITLE: DWV PIPING DIAGRAM

SHEET NO. P502

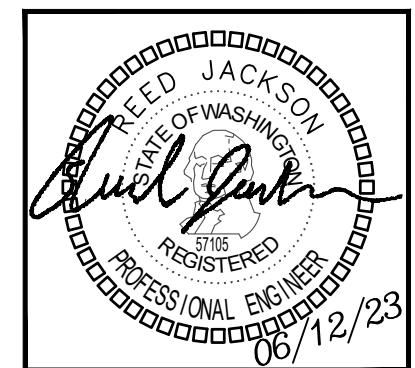


- KEY NOTES**
1. DUPLEX VACUUM PUMP.
 2. VACUUM UP.
 3. VACUUM EXHAUST UP.

LEVEL G1 MEDGAS PLAN

SCALE: 1/4" = 1'-0"

NO.	DATE	DESCRIPTION	REVISIONS
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PROJECT: **AMADI AESTHETICS**
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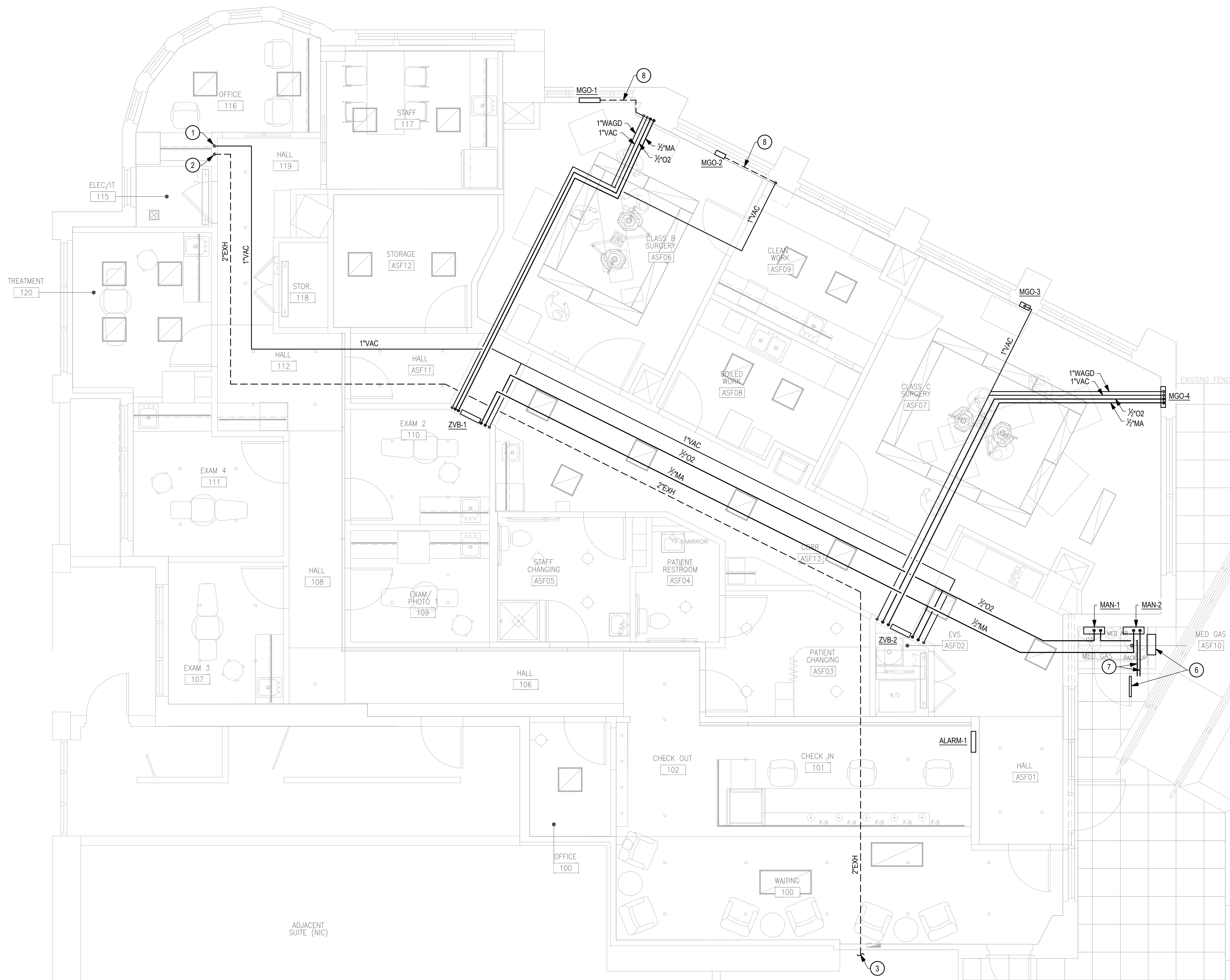
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LYNNWOOD, WA 98036
PHONE: (206)964-3343
CONTACT: REED JACKSON

ROBISON ENGINEERING, INC

DATE: 06/12/2023

SHEET TITLE:
LEVEL G1 MEDGAS
PLAN

SHEET NO.
P600

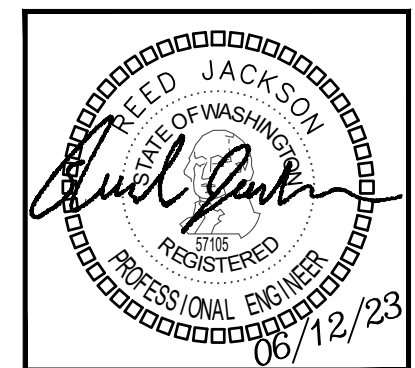


- GENERAL NOTES**
- SEE MEDICAL GAS EQUIPMENT SCHEDULE ON P001 FOR REQUIRED QTY. OF GAS OUTLETS AT EACH LOCATION.
- KEY NOTES**
- VACUUM UP FROM LEVEL G1.
 - VACUUM EXHAUST UP FROM LEVEL G1.
 - SEE P201 FOR CONTINUATION.
 - 2x2 O2 MANIFOLD.
 - 2x2 MA MANIFOLD.
 - PROVIDE 18x18 DOOR LOUVER 1' ABOVE GRADE AND 18x18 WALL LOUVER WITHIN 1' OF CEILING OF MEDGAS CLOSET.
 - TERMINATE 3/4" MANIFOLD VENTS THROUGH WALL OF MEDGAS CLOSET AS HIGH AS POSSIBLE.
 - ROUTE MEDGAS Laterally THROUGH WALL BELOW WINDOW TO OUTLETS IN ASF06.

LEVEL 1 MEDGAS PLAN

SCALE: 1/4" = 1'-0"

NO.	DATE	DESCRIPTION	REVISIONS
	06/12/2023	PERMIT SUBMITTAL	



PROJECT: AMADI AESTHETICS
ASF
7800 SE 27th ST, MERCER ISLAND WA

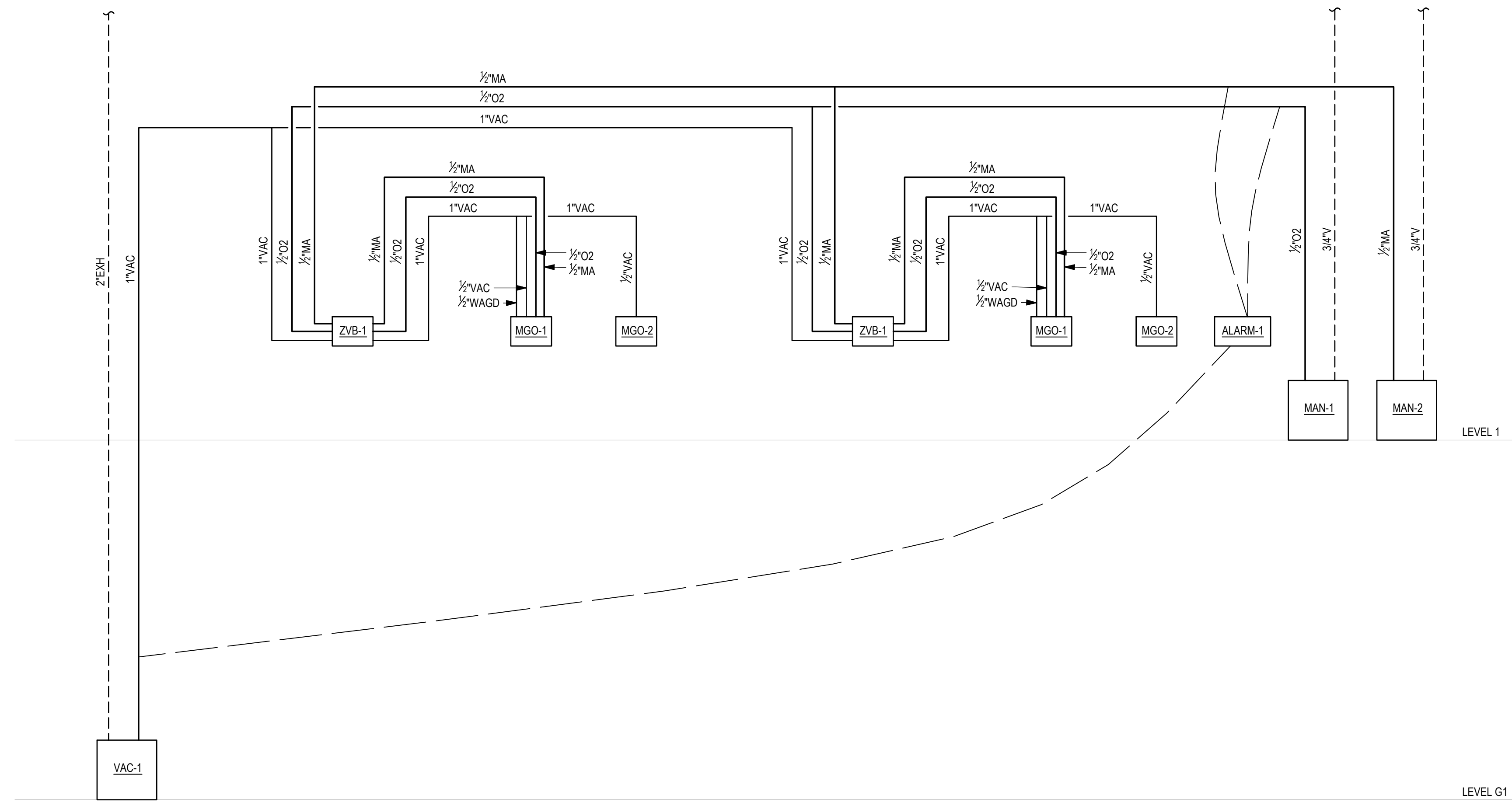
19401 40TH AVE W, SUITE 302
LYNNWOOD, WA 98036
PHONE: (206) 964-3343
CONTACT: REED JACKSON

ROBISON ENGINEERING, INC.

DATE: 06/12/2023

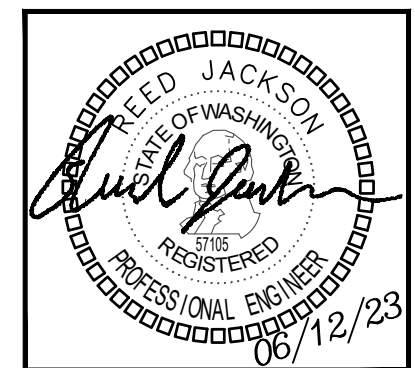
SHEET TITLE: LEVEL 1 MEDGAS PLAN

SHEET NO. P601



MEDGAS PIPING DIAGRAM

NO.	DATE	DESCRIPTION	REVISIONS
1	06/12/2023	PERMIT SUBMITTAL	



PROJECT: **AMADI AESTHETICS ASF**
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ROBISON ENGINEERING, INC.

DATE: 06/12/2023

SHEET TITLE: MEDGAS PIPING DIAGRAMS

SHEET NO. P602