

PROJECT GENERAL NOTES

1. DEFINITIONS
d. PROVIDE: MEANS TO PROVIDE, FURNISH AND INSTALL...
d. FURNISH: MEANS TO SUPPLY, PURCHASE, PROCURE AND DELIVER COMPLETE WITH RELATED ACCESSORIES...
c. INSTALL: MEANS TO CONSTRUCT, ASSEMBLE, ERECT, MOUNT, ANCHOR, PLACE, CONNECT, APPLY AND SIMILAR OPERATIONS...
d. EQUIVALENT: MEANS 'EQUIVALENT AS ACCEPTED BY THE ARCHITECT'...

GENERAL NOTES
G1. INTENT OF THE DOCUMENTS: DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PROVIDE THE BASIS FOR THE PROPER COMPLETION OF THE PROJECT...

G2. DRAWINGS AND SPECIFICATIONS: SPECIFICATIONS ARE INTENDED TO BE COMPLEMENTARY AND SUPPLEMENTAL TO THE DRAWINGS...
BIDDING, PRICING OR CONSTRUCTION DONE PRIOR TO RECEIVING FINAL BUILDING DEPARTMENT PERMITS IS AT THE CONTRACTOR'S OWN RISK...

DRAWINGS FOR THIS PROJECT IS COMPILED INTO 2 VOLUMES, AND BOTH VOLUMES SHALL BE USED FOR THE CONSTRUCTION OF THIS PROJECT...
G3. WORK NOT INCLUDED: ANY ITEM INDICATED ON THE DRAWINGS AS "N.I.C.", "NOT IN CONTRACT", OR OTHERWISE DELEGATED TO BE DONE BY OTHERS IS NOT A PART OF THE CONTRACT...

G4. CONTRACT DOCUMENTS AT SITE: THE CONTRACTOR SHALL MAINTAIN CURRENT PERMIT DRAWINGS, SHOP DRAWINGS, REVISED DRAWINGS, AND CLARIFICATION DRAWINGS...
G5. RECORD DRAWINGS: THE MAINTAIN ACCURATELY DIMENSIONED RECORDS OF ALL UNDERGROUND LINES, SERVICES, AND UTILITIES...

G6. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED SIZES; DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS...
G7. FIELD CONFIRMATION OF DISCREPANCIES SHALL BE RECORDED ON REPRODUCIBLE DOCUMENT AND IMMEDIATELY TRANSMITTED TO ARCHITECT FOR PROJECT RECORD...

G8. FIELD MEASUREMENTS: VERIFY FIELD MEASUREMENTS BEFORE ORDERING MATERIALS AND PREFABRICATED ITEMS...
G9. ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITIONS OF ALL APPLICABLE BUILDING CODES, THE AMERICANS WITH DISABILITIES ACT, AS WELL AS ALL OTHER LOCAL GOVERNING CODES AND ORDINANCES...

G10. REFERENCE STANDARDS: COMPLY WITH ASSOCIATION, TRADE, FEDERAL, COMMERCIAL, ASTM, AND OTHER SIMILAR STANDARDS REFERENCED WITHIN INDIVIDUAL SECTIONS...
CONTRACTOR

C1. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD VERIFY ALL EXISTING SITE CONDITIONS, UTILITIES, CONNECTIONS, LOCATIONS, ETC. AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION...
C2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT...

C3. CONTRACTOR SHALL, PRIOR TO COMMENCEMENT OF WORK, FIELD VERIFY ALL EXISTING PROJECT CONDITIONS, INCLUDING DIMENSIONS, UTILITY LOCATIONS, AND UTILITY SIZES...
C4. THE CONTRACTOR SHALL BE REQUIRED TO MEET ALL NATIONAL, STATE AND LOCAL, AND RELATED CODES FOR STANDARD CONSTRUCTION PRACTICES...

C5. INSTALLATION STANDARDS: ALL MANUFACTURED MATERIALS AND PRODUCTS SHALL BE APPLIED, INSTALLED, CONNECTED, CLEANED AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS...
C6. HOURS OF WORK: ALL DEMOLITION, GRADING, AND CONSTRUCTION WORK SHALL BE LIMITED TO THE FOLLOWING HOURS: MONDAY THROUGH SATURDAY 7:00 AM TO 7:00 PM...

C7. TESTING AGENCIES: THE CONTRACTOR SHALL PROVIDE AND PAY FOR INSPECTIONS, TESTS, AND OTHER SERVICES SPECIFIED. REFER TO INDIVIDUAL SECTIONS FOR ADDITIONAL REQUIREMENTS...
C8. PROJECT LOG: MAINTAIN DAILY LOG CONTAINING ALL INFORMATION REGARDING CONSTRUCTION OPERATIONS AND OTHER OCCURRENCES PERTAINING TO THE PROJECT...

C9. WORK PROGRESS SCHEDULE: MAINTAIN AN UPDATED WORK PROGRESS SCHEDULE POSTED IN A VISIBLE PLACE LOCATED IN FIELD OFFICE. UPDATE SCHEDULE DAILY TO REFLECT WORK PROGRESS.

C10. THE GENERAL BUILDING PERMITS SHALL BE PAID FOR BY THE OWNER AND SECURED BY THE GENERAL CONTRACTOR. ALL OTHER REQUIRED PERMITS SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR OR SUBCONTRACTOR DIRECTLY RESPONSIBLE...
C11. CONTRACTOR SHALL ASSIST OWNER IN OBTAINING FINAL APPROVAL OF LOCAL HEALTH DEPARTMENT AND THE TEMPORARY AND FINAL CERTIFICATES OF OCCUPANCY...

C12. ADDITIONAL REQUIRED CITY AND COUNTY LICENSES SHALL BE ACQUIRED AND PAID FOR BY THE INDIVIDUAL TRADES...
C13. ALL CONTRACTORS SHALL HAVE VALID CERTIFICATES OF WORKMAN'S COMPENSATION OF FILE WITH THE APPROPRIATE AGENCIES...
C14. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES...

C15. CONTRACTOR'S FIELD OFFICE: PROVIDE AND MAINTAIN A FIELD OFFICE ON THE PREMISES WHERE DIRECTED. OFFICE SHALL BE OF HEAT, SUBSTANTIAL CONSTRUCTION. PROVIDE HANGING FLUKE AND MAINTAIN WITH ALL CURRENT DRAWINGS...
a. STORAGE STRUCTURE: PROVIDE AND MAINTAIN, WHERE DIRECTED, A WATER TIGHT STORAGE STRUCTURE FOR ALL MATERIALS WHICH MIGHT BE DAMAGED BY WEATHER...

b. COSTS: PAY COSTS FOR A LOCAL BUSINESS TELEPHONE FOR USE BY CONTRACTOR, OWNER AND ARCHITECT THROUGHOUT CONTRACT PERIOD...
c. COMMUNICATION EQUIPMENT: PROVIDE A TELEPHONE ON SITE, ASSIGN A RESPONSIBLE PERSON TO ANSWER ALL TELEPHONE CALLS IN EVENT THE SUPERINTENDENT IS ABSENT FROM THE PREMISES...

C16. TEMPORARY FACILITIES: PROVIDE TEMPORARY FACILITIES AND CONNECTIONS AS REQUIRED FOR THE PROPER COMPLETION OF THE PROJECT. PROVIDE AND MAINTAIN TEMPORARY UTILITY SERVICES...
C17. STORAGE AND PROTECTION: STORE AND PROTECT PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS WITH LABELS INTACT AND LEGIBLE...
C18. FIELD QUALITY CONTROL: EMPLOY ONLY EXPERIENCED INSTALLERS AND FURNISH EVIDENCE OF EXPERIENCE IF REQUESTED...

C19. PRODUCT HANDLING: TRANSPORT AND HANDLE PRODUCTS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS...
C20. COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS: HANDLE, INSTALL, ERECT, CONNECT, CONDITION, USE, ADJUST, AND CLEAN PRODUCTS IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTRUCTION AND IN CONFORMITY WITH SPECIFIED REQUIREMENTS...

C21. MANUFACTURER'S FIELD SERVICES: WHEN SPECIFIED IN INDIVIDUAL SECTIONS, REQUIRE MATERIAL OR PRODUCT SUPPLIERS OR MANUFACTURERS TO PROVIDE QUALIFIED STAFF PERSONNEL TO OBSERVE SITE CONDITIONS...
C22. CONTRACTOR SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL WORK AND MATERIALS - INCLUDING THOSE FURNISHED BY SUBCONTRACTORS...

C23. NON-CONFORMING WORK: REMOVE AND REPLACE WORK THAT DOES NOT CONFORM TO THE CONTRACT DOCUMENTS AT NO ADDITIONAL EXPENSE TO THE OWNER...
C24. PRODUCT IDENTIFICATION: NAMEPLATES, TRADEMARKS, LOGOS, AND OTHER IDENTIFYING MARKS ON PRODUCTS ARE NOT PERMITTED ON SURFACES EXPOSED TO VIEW IN PUBLIC AREAS...

C25. PROTECTION OF ADJACENT WORK: PROVIDE TEMPORARY PROTECTION FOR ADJACENT AREAS TO PREVENT DAMAGE BY INSTALLATION OF NEW WORK OR DEMOLITION OF EXISTING CONSTRUCTION...
C26. DAMAGED PRODUCTS: DO NOT USE PRODUCTS IN WORK, WHICH HAVE DETERIORATED, BECOME DAMAGED, OR ARE OTHERWISE UNFIT FOR USE...

C27. SECURITY: PROVIDE FACILITIES TO PROTECT WORK FROM UNAUTHORIZED ENTRY, VANDALISM, AND THEFT...
C28. TEMPORARY CONTROLS: a. HEAT: PRIOR TO ENCLOSURE, PROVIDE HEATING AS NECESSARY TO PROTECT MATERIALS, PRODUCTS, AND FINISHES FROM DAMAGE DUE TO TEMPERATURE OR HUMIDITY...

b. VENTILATION: VENTILATE ENCLOSED AREAS TO ASSIST CURE OF MATERIALS, TO DISSIPATE HUMIDITY, AND TO PREVENT ACCUMULATION OF DUST, FUMES, VAPORS, OR GASES...
c. BARRIERS AND CLOSURES: PROVIDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE FROM CONSTRUCTION OPERATIONS...

d. FIRE PROTECTION: COMPLY WITH LOCAL FIRE PROTECTION CODE AND GOVERNING AUTHORITIES. PROVIDE AND MAINTAIN ADEQUATE FIRE PROTECTION INCLUDING, WITHOUT LIMITATION, FIRE EXTINGUISHERS AND OTHER APPROPRIATE EQUIPMENT FOR FIRE EXTINGUISHING READY FOR IMMEDIATE USE...
C29. INTERRUPTION OF SERVICES: INTERRUPTIONS TO ANY SERVICE FOR THE PURPOSE OF MAKING OR BREAKING A CONNECTION SHALL BE MADE ONLY AFTER CONSULTATION WITH THE OWNER AND SHALL BE AT SUCH TIME AND OF SUCH DURATION AS MAY BE DICTATED.

C30. EXCAVATIONS OR TRENCHING: KEEP THE INTERVALS BETWEEN EXCAVATION OR TRENCHING, INSTALLATION OF CONDUIT OR PIPING, AND BACKFILLING OPERATIONS TO ABSOLUTE MINIMUM...
C31. CUTTING AND PATCHING: DO NOT CUT AND PATCH IN A MANNER THAT WOULD RESULT IN A FAILURE OF THE WORK TO PERFORM AS INTENDED...
C32. COORDINATION AND CLEARANCES: VERIFY AND COORDINATE CLEARANCES, DIMENSIONS, AND INSTALLATION OF ADJOINING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, CONDUITS, OR OTHER MECHANICAL OR ELECTRICAL ITEMS OR APPARATUS...

a. ATTACHMENTS AND CONNECTIONS: PROVIDE ATTACHMENT AND CONNECTION DEVICES METHODS FOR SECURING AND ANCHORING WORK...
b. EXPANSION AND MOVEMENT: ALLOW FOR EXPANSION OF MATERIALS AND BUILDING MOVEMENT...
c. ISOLATION OF DIS-SIMILAR ITEMS: ISOLATE EACH UNIT OF WORK FROM INCOMPATIBLE WORK AS NECESSARY TO PREVENT DETERIORATION AND ELECTROLYTIC ACTION...

d. MAINTENANCE: CLEAN AND PERFORM MAINTENANCE ON INSTALLED WORK AS FREQUENTLY AS NECESSARY THROUGH REMAINDER OF CONSTRUCTION PERIOD...
e. ADJUSTMENTS: ADJUST OPERATING PRODUCTS AND EQUIPMENT TO ENSURE SMOOTH AND UNHINDERED OPERATION...
C33. EXAMINATION OF CONDITIONS: EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. DO NOT COMMENCE WORK OVER UNSATISFACTORY CONDITIONS DETERMINED TO PROPER AND TIMELY EXECUTION OF WORK...

C34. CONTRACTOR SHALL PROVIDE BACKING SUPPORT OF ALL WALL, CEILING, AND PARTITION MOUNTED ITEMS SUCH AS TABLE BRACKETS, LIGHT FIXTURES, ARTICLES, SHELVING, EQUIPMENT, AND TELEVISIONS...
C35. EXTERIOR OPENINGS SHALL COMPLY WITH ALL SECURITY REQUIREMENTS AS OUTLINED IN ALL LOCAL BUILDING CODES AND ORDINANCES...
C36. GLASS AND GLAZING: FOR ALL WINDOWS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES...

C37. ROOFING WORK SHALL BE PERFORMED AND ALL PENETRATIONS THROUGH THE ROOFING MEMBRANE SHALL BE PATCHED OR FLASHED AS PER THE MANUFACTURER'S STANDARDS...
C38. ROOF OBSTRUCTIONS SUCH AS TELEVISION ANTENNAE, SOLAR PANELS, AND GUY WIRES SHALL NOT BE LOCATED OR INSTALLED IN SUCH A WAY AS TO PREVENT FIRE DEPARTMENT ACCESS OR EGRESS IN THE EVENT OF A FIRE...
C39. INTERIOR WALL AND CEILING FINISHES SHALL NOT EXCEED FLAME SPREAD CLASSIFICATIONS DICTATED BY ALL APPLICABLE BUILDING CODES...

C40. GYPSUM BOARD AND SUSPENDED CEILING SYSTEMS SHALL CONFORM TO ALL LOCAL GOVERNING BUILDING CODES AND ORDINANCES...
C41. PIPES, CONDUITS, OR DUCTS EXCEEDING ONE THIRD OF THE SLAB OR MEMBER THICKNESS SHALL NOT BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED...
C42. VERIFY FIRE EXTINGUISHER REQUIREMENTS AND LOCATIONS WITH FIRE MARSHAL AND OWNER'S REPRESENTATIVE PRIOR TO THE FINAL INSTALLATION...

C43. CONTRACTOR SHALL SEAL ALL GAPS, HOLES, AND CRACKS IN BUILDING CONSTRUCTION AS REQUIRED TO CONTROL INFILTRATION OF INSECTS...
C44. DISPOSAL OF TRASH AND EXCESS EXCAVATION: REMOVE AND REPLACE WORK THAT DOES NOT CONFORM TO THE CONTRACT DOCUMENTS AT NO ADDITIONAL EXPENSE TO THE OWNER...
C45. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE ALL WORK TO AVOID CONFLICTS BETWEEN TRADES...

C46. CLEANING MATERIALS AND EQUIPMENT: PROVIDE ALL REQUIRED PERSONNEL, EQUIPMENT, AND MATERIALS NEEDED TO MAINTAIN THE SPECIFIED STANDARD OF CLEANLINESS...
C47. CAULKING: THE CONTRACTOR SHALL PROVIDE CAULKING AT ALL LOCATIONS OF DIS-SIMILAR MATERIAL BOTH AT INTERIOR AND EXTERIOR CONDITIONS...

C48. AVAILABILITY OF PRODUCTS: VERIFY PRIOR TO CONSTRUCTION START THAT ALL SPECIFIED ITEMS WILL BE AVAILABLE IN TIME FOR INSTALLATION DURING ORDERLY AND TIMELY PROGRESS OF THE WORK...
C49. PRODUCTS AND MATERIALS: PROVIDE PRODUCTS AND MATERIALS SPECIFIED. REQUEST ARCHITECT'S SELECTION OF COLORS AND ACCESSORIES IN SUFFICIENT TIME TO AVOID DELAYING PROGRESS OF THE WORK.

TOLERANCES
T1. TOLERANCES: INSTALL WORK TRUE TO LINE, PLUMB, AND LEVEL, EXCEPT WHERE SPECIFIED OTHERWISE...
a. TRUE TO LINE: ALLOWED DEVIATION FROM AN ABSOLUTELY STRAIGHT LINE OF SIGHT WITHIN PLUS OR MINUS 1/8 INCH IN 10 FT...
b. PLUMB: ALLOWED DEVIATIONS FROM AN ABSOLUTELY VERTICAL PLANE OF PLUS OR MINUS 1/8 INCH IN 10 FT...
c. LEVEL: ALLOWED DEVIATIONS FROM AN ABSOLUTELY HORIZONTAL PLANE OF PLUS OR MINUS 1/8 INCH IN 10 FT...
d. ALLOWED DEVIATIONS FROM AN ABSOLUTELY FLAT IF WITHIN PLUS OR MINUS 1/16 INCH IN ONE SQUARE FOOT...
T2. REFER TO SPECIFICATIONS FOR ADDITIONAL TOLERANCE REQUIREMENTS.

PROJECT CONTRACT CLOSURE
a. SUBSTANTIAL COMPLETION: AT SUBSTANTIAL COMPLETION OF THE PROJECT, SCHEDULE AND ATTEND A PUNCH LIST WALK THROUGH OF REMAINING WORK FOR REVIEW WITH THE ARCHITECT AND OWNER...
b. CERTIFICATE OF OCCUPANCY: PROVIDE THE FINAL CERTIFICATE OF OCCUPANCY FROM THE BUILDING DEPARTMENT...
c. PERMITS/INSPECTION CARDS: FURNISH COPIES OF PERMITS AND SIGNED INSPECTION CARDS FOR EACH OF THE FOLLOWING AGENCIES: BUILDING DEPARTMENT, PLUMBING/MECHANICAL DEPARTMENT, ELECTRICAL DEPARTMENT, FIRE DEPARTMENT, HEALTH DEPARTMENT, OTHERS AS REQUIRED...

d. MAINTENANCE MANUALS AND WARRANTIES: FURNISH (2) COPIES FOR EACH UNIT OF ALL MANUALS, MAINTENANCE INSTRUCTIONS, CONTRACTORS AND MANUFACTURER'S PRINTED WARRANTIES, AND INSTRUCTIONS FOR OPERATION OF ALL EQUIPMENT SPECIFIED HEREIN OR SHOWN ON DRAWINGS...
f. TOUCH-UP MATERIALS: FURNISH OWNER WITH ONE GALLON OF EACH PAINT AND STAIN USED PER UNIT...
g. SUBCONTRACTORS: PROVIDE THE OWNER THE NAMES, ADDRESSES, AND PHONE NUMBERS OF ALL SUBCONTRACTORS...
h. FINAL CLEANING AND REPAIRS: REMOVE TEMPORARY FACILITIES AND PROVIDE FINAL CLEANING AND TOUCH-UP...
i. CLOSEOUT DOCUMENTS: PROVIDE THE OWNER WITH A COMPACT DISK OF ALL RECORD DRAWINGS IN PDF FORMAT...

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12 NOV 2025

LINFORD DENTAL OFFICE TI
3838 S 700 E #200
SOUTH SALT LAKE, UT 84106

PROJECT NO. 25-053
DATE: 12 NOV 2025

REVISIONS:

SHEET TITLE:
GENERAL NOTES

SHEET NUMBER:
G001

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CODE ANALYSIS LEGEND

- 8 OCCUPANCY
- STAIR 166 OCC. 4'-6" MINIMUM REQUIRED STAIR WIDTH 6'-0" STAIR WIDTH PROVIDED
- EXIT 166 OCC. 3'-0" MINIMUM REQUIRED EXIT WIDTH 4'-0" EXIT WIDTH PROVIDED
- 1 HOUR FIRE BARRIER OR PARTITION - SEE WALL TYPES
- 2 HOUR FIRE BARRIER OR PARTITION - SEE WALL TYPES
- 3 HOUR FIRE BARRIER OR PARTITION - SEE WALL TYPES
- COMMON PATH OF TRAVEL AS PER IBC 1006.2.1
- ROOM/AREA SQUARE FOOTAGE
- OCCUPANCY GROUP
- OCCUPANT LOAD
- OCCUPANCY LOAD FACTOR (per IBC 1006.2.1)
- ROOM/AREA REQUIRED EXIT
- BUILDING REQUIRED EXIT
- GENERAL PATH OF EGRESS
- EXIT DISCHARGE TO PUBLIC WAY - IBC 1027
- CLASS 1 STAND-PIPE (P05.3.1 - EXCEPTION #1)
- FIRE DEPARTMENT CONNECTION (FDC)
- KNOX BOX
- ONE-HOUR FIRE RATED RECESSED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER - 2A-10BC
- NON-RATED SURFACE MOUNTED FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER - 4A-48BC
- ROOMS WITH AN OCCUPANT LOAD OF 50 OR MORE IN GROUP A OCCUPANCY SHALL HAVE TWO EXITS AND ARE REQUIRED TO HAVE PANIC HARDWARE (IBC 2015 SECTION 1008.1.10)
- NUMBER OF OCCUPANTS IN EXIT ROUTE
- REQUIRED EXIT LIGHT LOCATIONS, SEE IBC 2015 SECTION 1011.1 (SHOWN ON ELECTRICAL DRAWINGS)
- ACCESSIBLE ELEMENT
- NON-ACCESSIBLE ELEMENT
- PANIC HARDWARE REQUIRED

GENERAL NOTES

SEE G002A FOR COMPLETE WRITTEN CODE ANALYSIS & REVIEW - ALL AREAS SHOWN HERE ARE REFERENCED WITHIN CODE ANALYSIS.

- BUILDING IS FULLY SPRINKLED AS PER NFPA 13 AND CAN THEREFORE BE USED FOR BUILDING AREA INCREASE.
- SEE CODE ANALYSIS PLANS FOR THE LOCATION OF FIRE EXTINGUISHERS (FE-1).
- REFER TO PARTITION AND ASSEMBLY SCHEDULE ON WALL TYPES AND FINISH PLANS.
- PROVIDE TEMPORARY FIRE PROTECTION DURING CONSTRUCTION AS PER REQUIREMENTS OF THE INTERNATIONAL FIRE CODE.
- 2021 IBC SEISMIC DESIGN CATEGORY D - SEE STRUCTURAL DRAWINGS.
- THE ROOFING ON THIS BUILDING IS REQUIRED TO HAVE A CLASS B FLAME SPREAD INDEX.
- WALL AND CEILING FINISHES ARE REQUIRED TO HAVE A CLASS B FLAME SPREAD INDEX.
- CONCEALED INSULATION MATERIALS MUST HAVE A FLAME SPREAD RATING OF NO MORE THAN 25 AND A SMOKE DEVELOPED INDEX OF NOT MORE THAN 450. SEE IBC 2015 SECTION 703.2.
- REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY EXIT SIGNS AND LIGHTS.

BUILDING CODE ANALYSIS

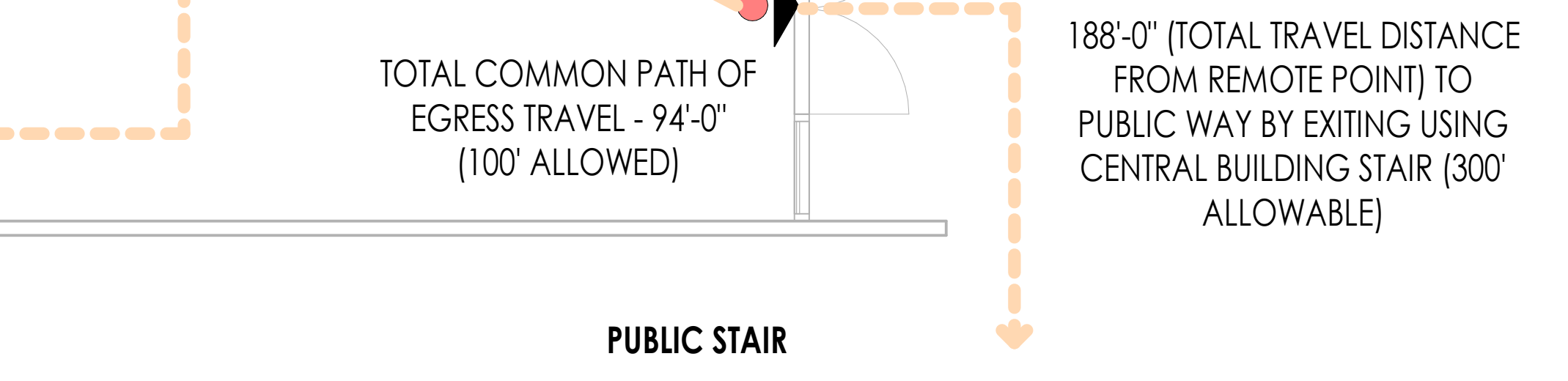
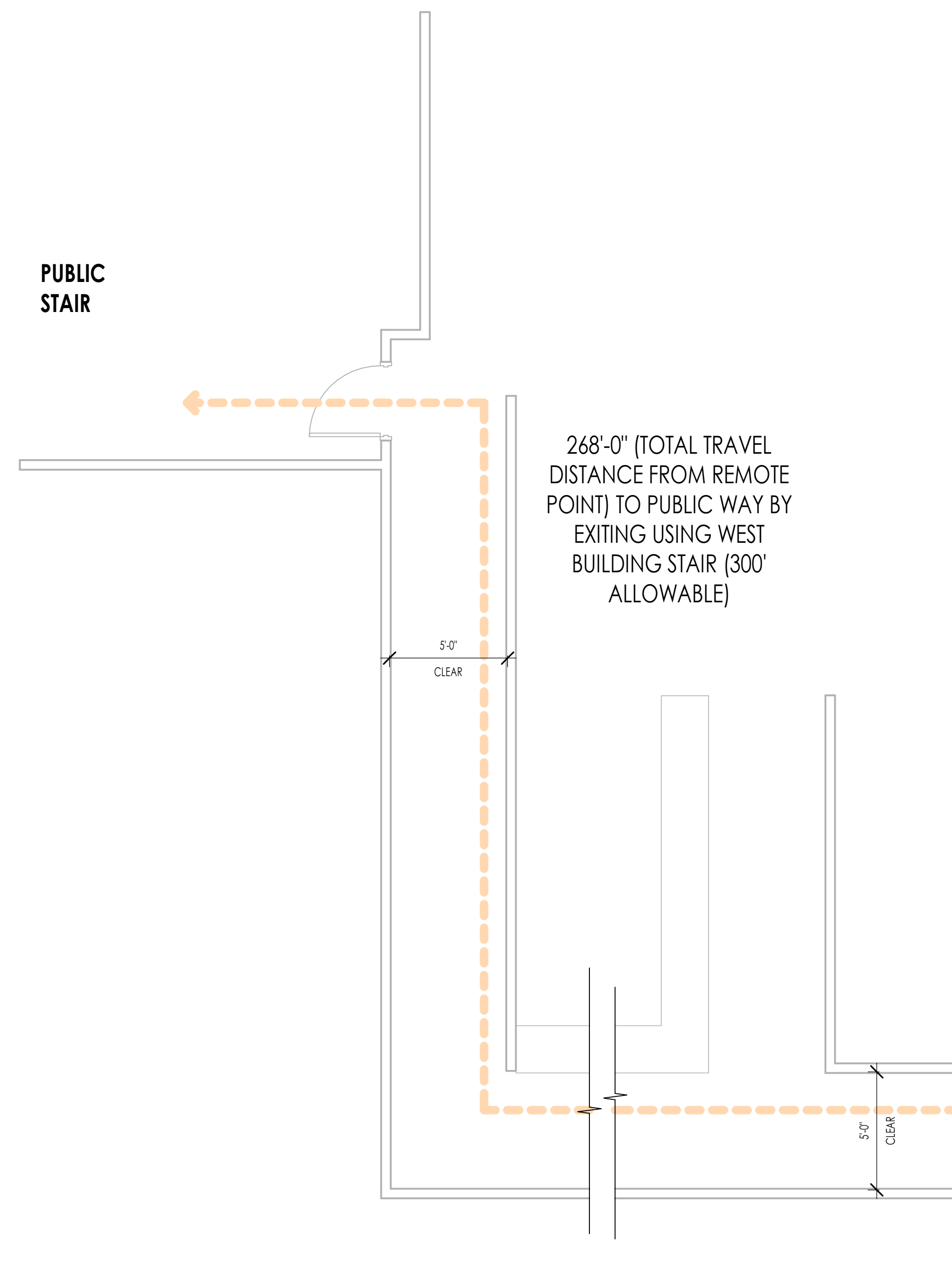
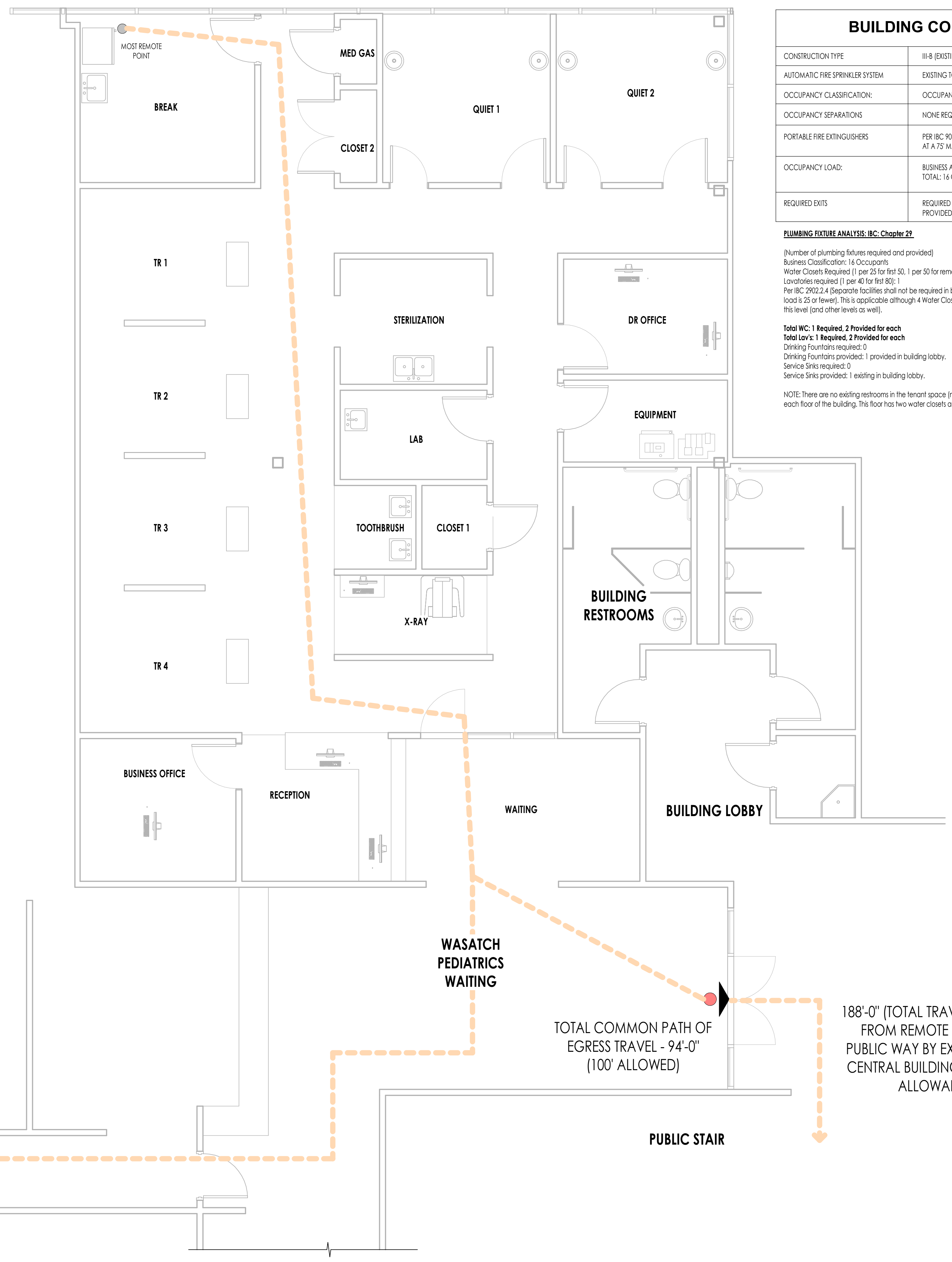
CONSTRUCTION TYPE	III-B (EXISTING)
AUTOMATIC FIRE SPRINKLER SYSTEM	EXISTING TO BE REMOVED (AS A DEFERRED SUBMITTAL)
OCCUPANCY CLASSIFICATION:	OCCUPANCY: IBC CHAPTER 3: GROUP B
OCCUPANCY SEPARATIONS:	NONE REQUIRED
PORTABLE FIRE EXTINGUISHERS	PER IBC 906.3: 2A-10BC FIRE EXTINGUISHERS SHALL BE INSTALLED AT A 7.5' MAX TRAVEL DISTANCE.
OCCUPANCY LOAD:	BUSINESS AREA SQ FT: 2,300/150 = 16 OCCUPANTS TOTAL: 16 OCCUPANTS
REQUIRED EXITS	REQUIRED NUMBER OF EXITS: IBC 1006.3.2: 1 REQUIRED EXIT. PROVIDED: 1 EXIT TO BUILDING LOBBY

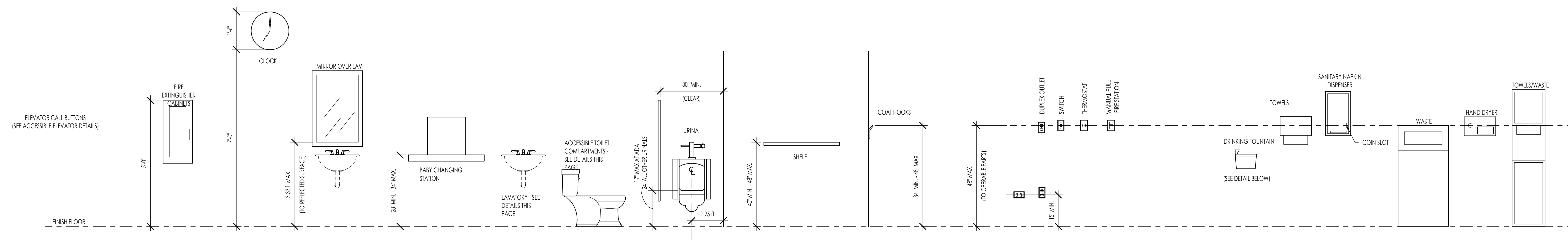
PLUMBING FIXTURE ANALYSIS: IBC, Chapter 29

Number of plumbing fixtures required and provided)
Business Classification: 16 Occupants
Water Closets Required: 1 per 25 for first 50, 1 per 50 for remainder exceeding 50; 1
Lavatories required: 1 per 40 for first 80; 1
Per IBC 2902.2.4 (separate facilities shall not be required in business occupancies in which the maximum occupant load is 25 or fewer). This is applicable although 4 Water Closets and 4 Lavatories are provided in the building lobby on this level (and other levels as well).

Total WC: 1 Required, 2 Provided for each
Total Lav: 1 Required, 2 Provided for each
Drinking Fountains required: 0
Drinking Fountains provided: 1 provided in building lobby.
Service Sinks required: 0
Service Sinks provided: 1 existing in building lobby.

NOTE: There are no existing restrooms in the tenant space (no restrooms are being removed). There are restrooms on each floor of the building. This floor has two water closets and two lavatories for each gender on this floor.



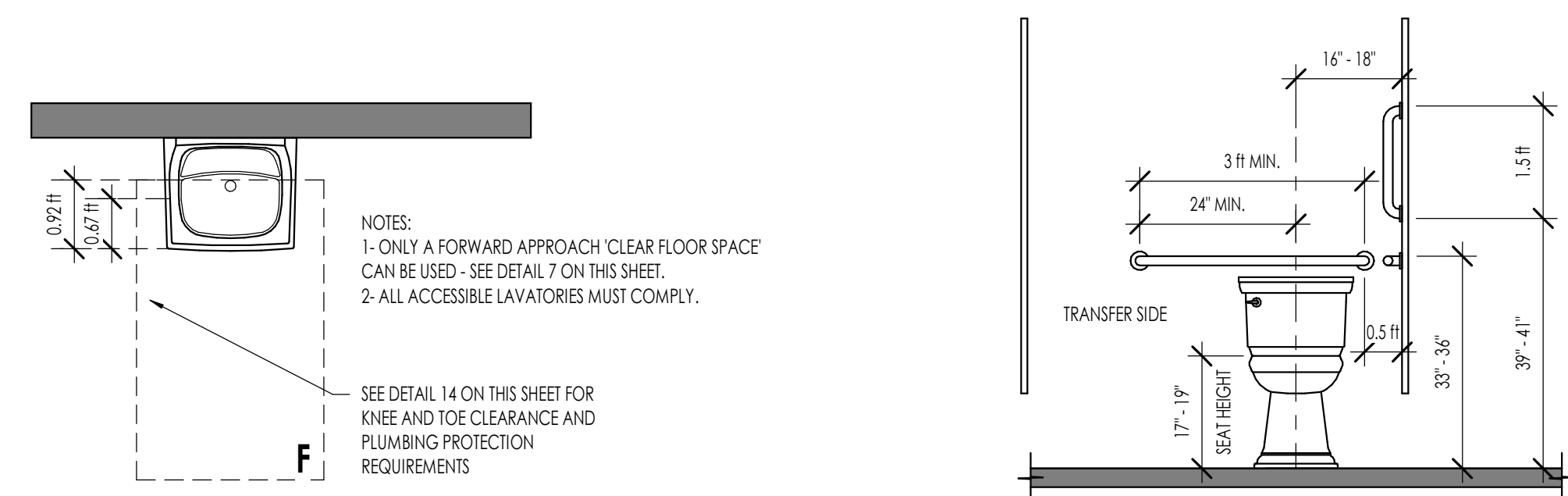


NOTES:
 1- SOME ITEMS MAY NOT BE USED IN CURRENT PROJECT.
 2- USED FOR HEIGHTS ONLY.
 3- SEE SPECIFICATIONS FOR TYPE OF ITEM REQUIRED.
 4- WHEN MULTIPLE ITEMS ARE PROVIDED ONLY ONE ITEM PER ROOM NEEDS TO FOLLOW THESE ADA HEIGHTS.

ACCESSIBILITY - TYPICAL MOUNTING HEIGHTS

1
G003

1/2" = 1'-0"



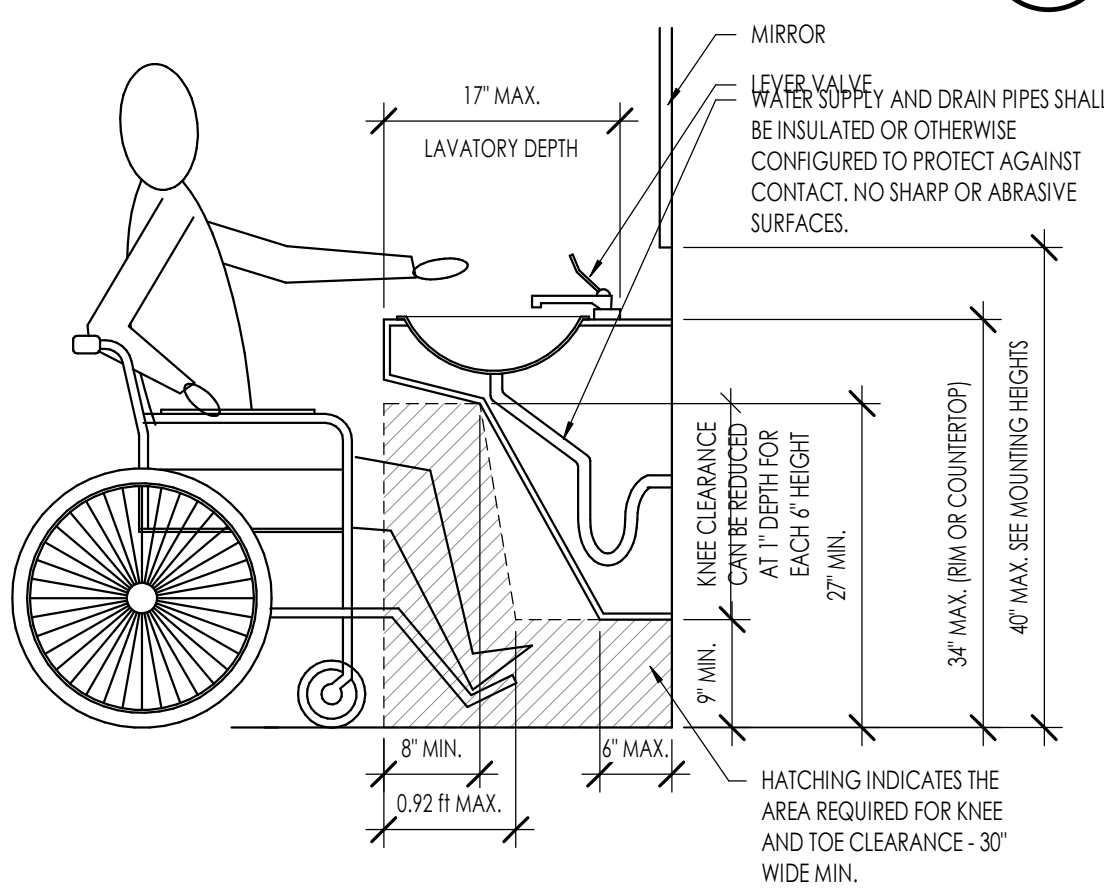
PUBLIC LAVATORY

2
G003

1/2" = 1'-0"

ACCESSIBLE STALLS

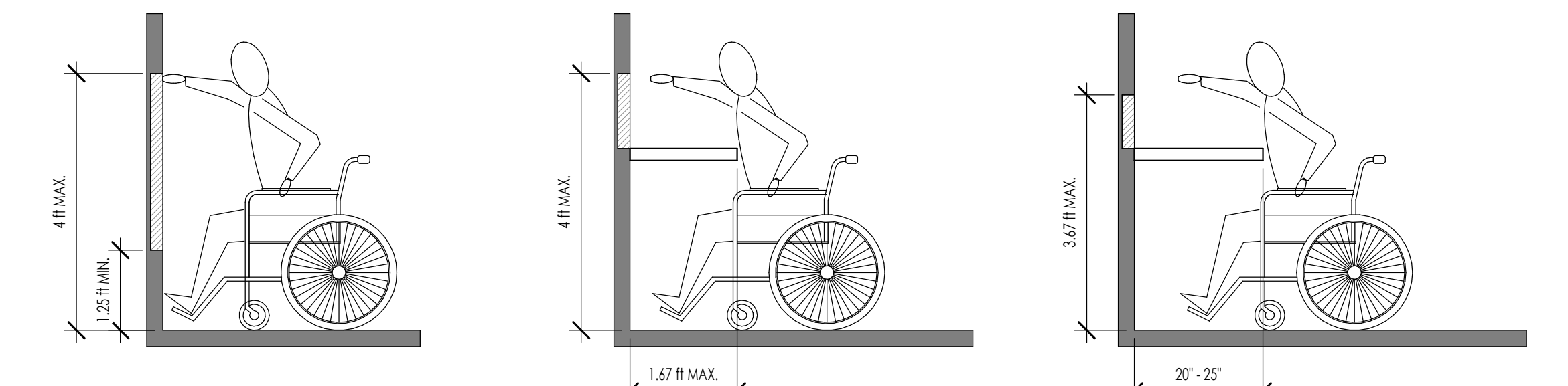
3
G003



PUBLIC LAVATORY

5
G003

3/4" = 1'-0"

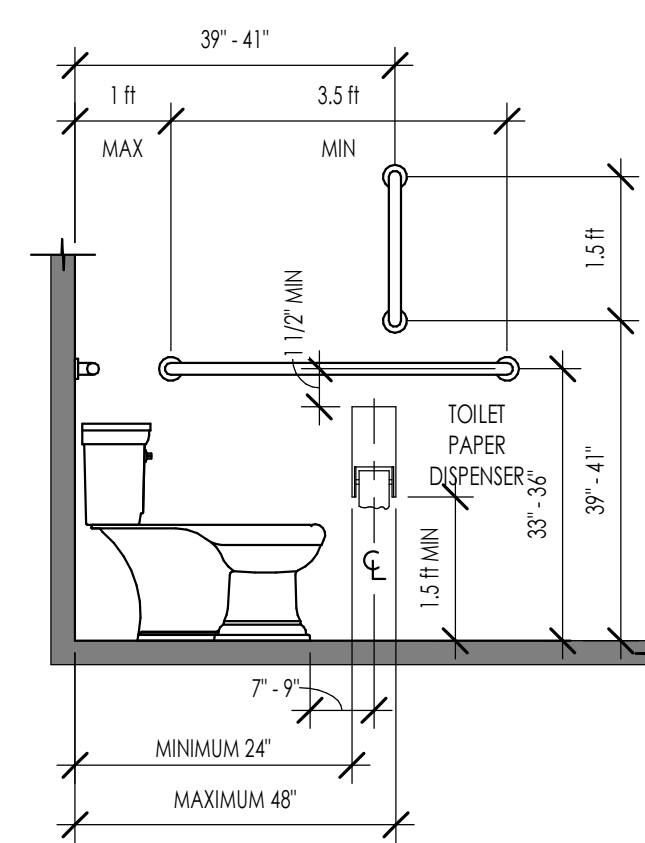


A. UNOBSTRUCTED FORWARD REACH B. OBSTRUCTED HIGH FORWARD REACH C. OBSTRUCTED HIGH FORWARD REACH

REACH RANGES FOR FORWARD REACH

4
G003

1/2" = 1'-0"



ACCESSIBLE STALLS

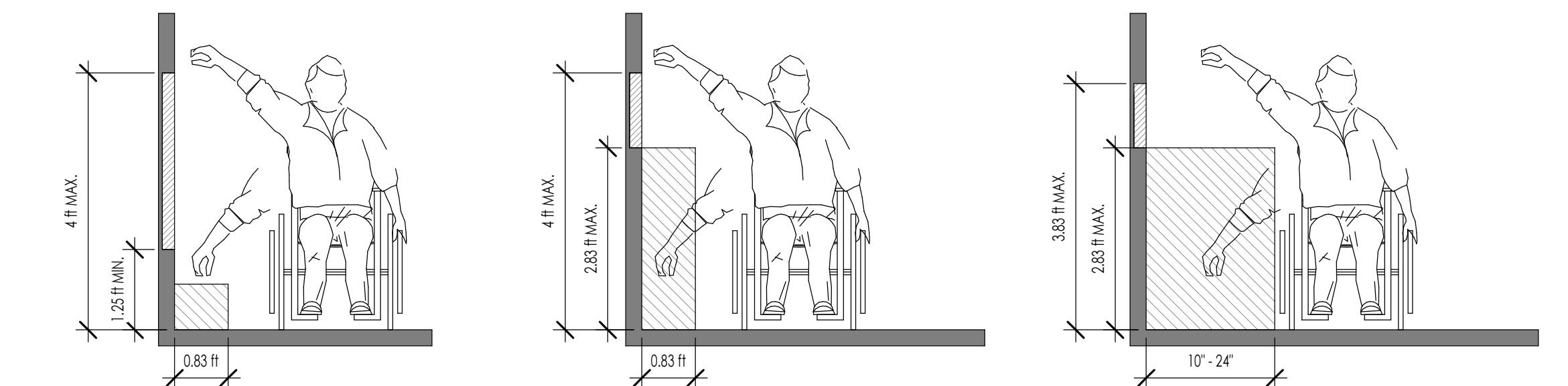
6
G003

1/2" = 1'-0"

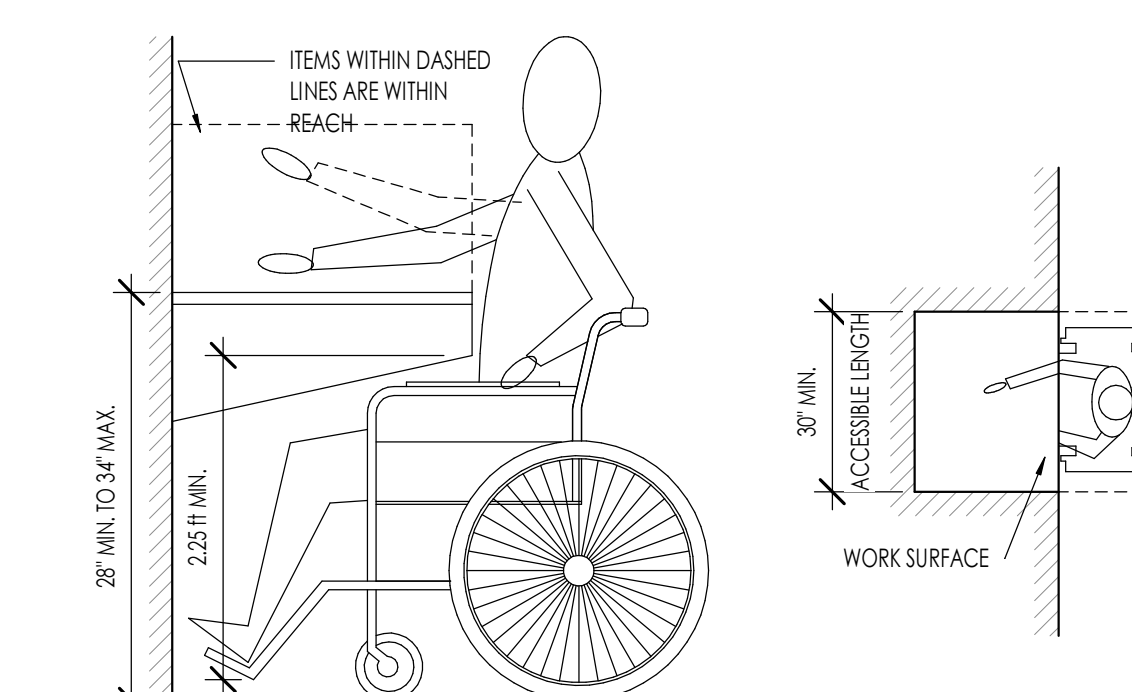
REACH RANGES FOR SIDE REACH

7
G003

1/2" = 1'-0"



A. UNOBSTRUCTED SIDE REACH B. OBSTRUCTED SIDE REACH C. OBSTRUCTED HIGH SIDE REACH



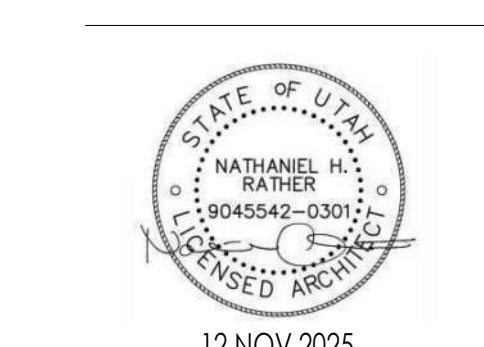
WORK SURFACE

8
G003

3/4" = 1'-0"

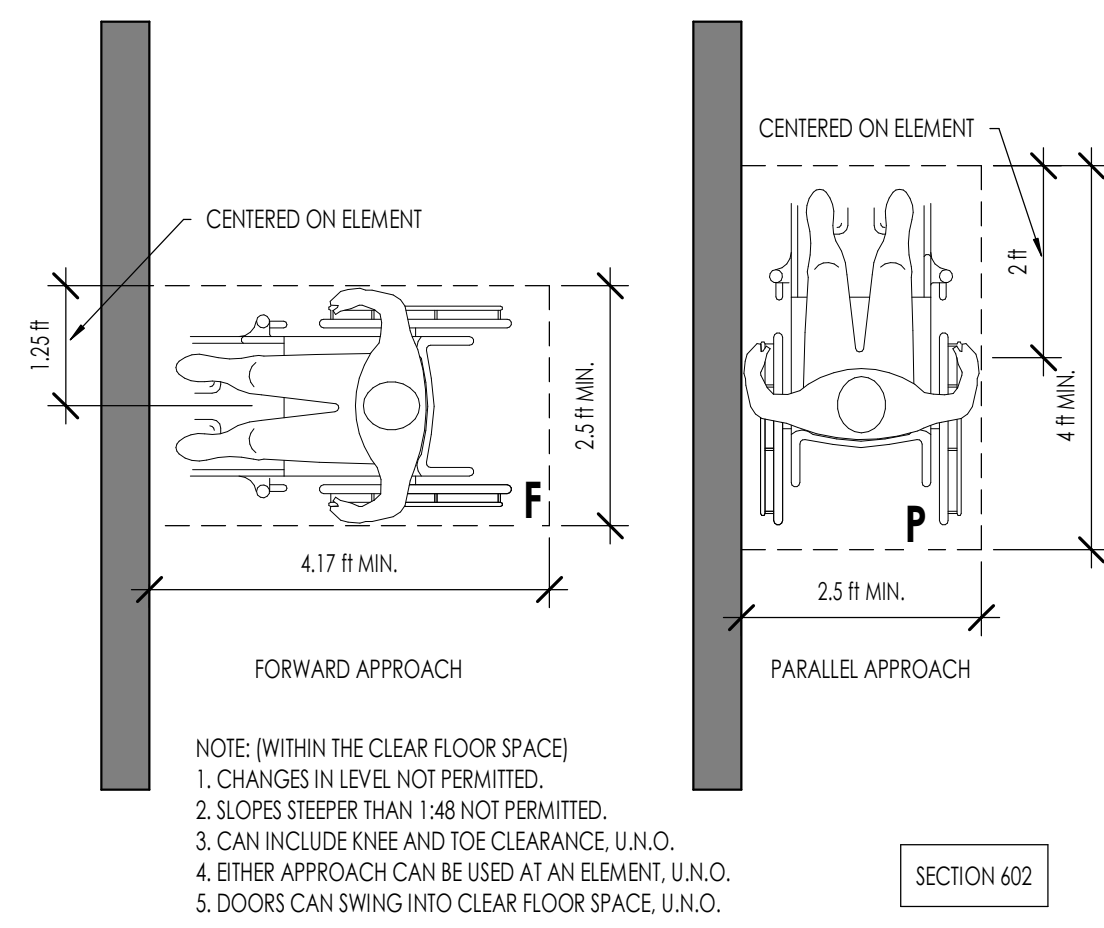
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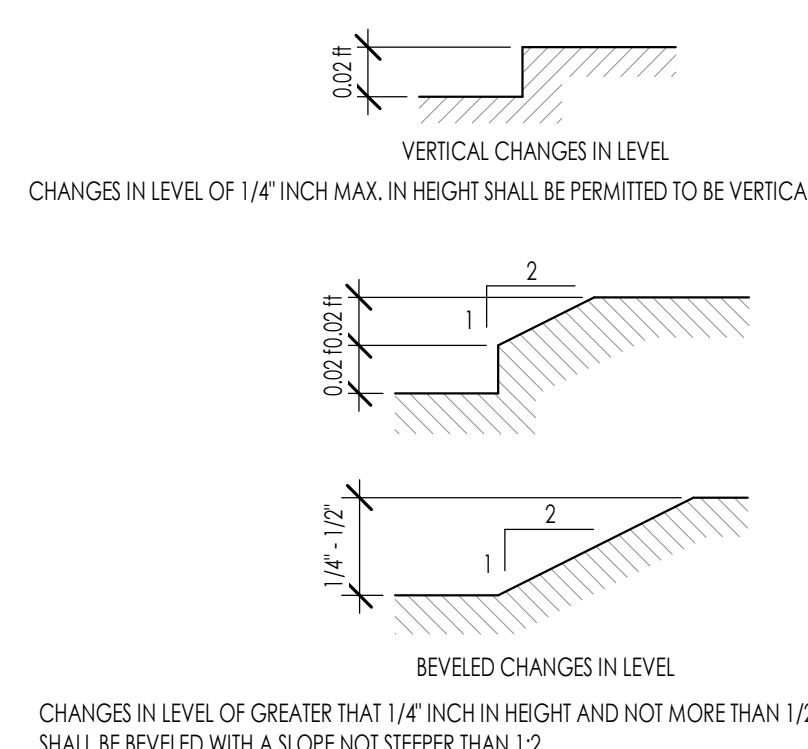


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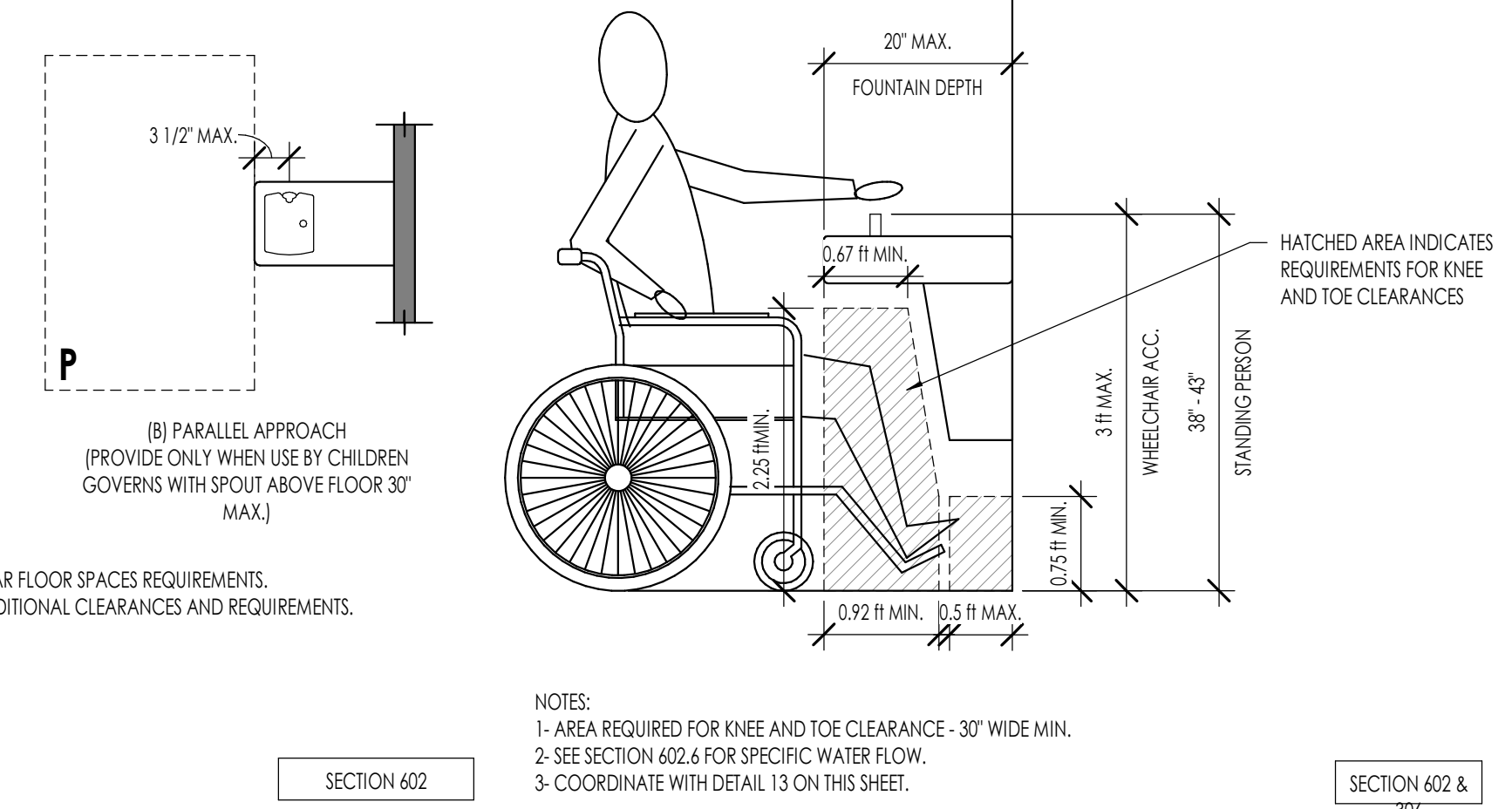
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 REVISIONS:



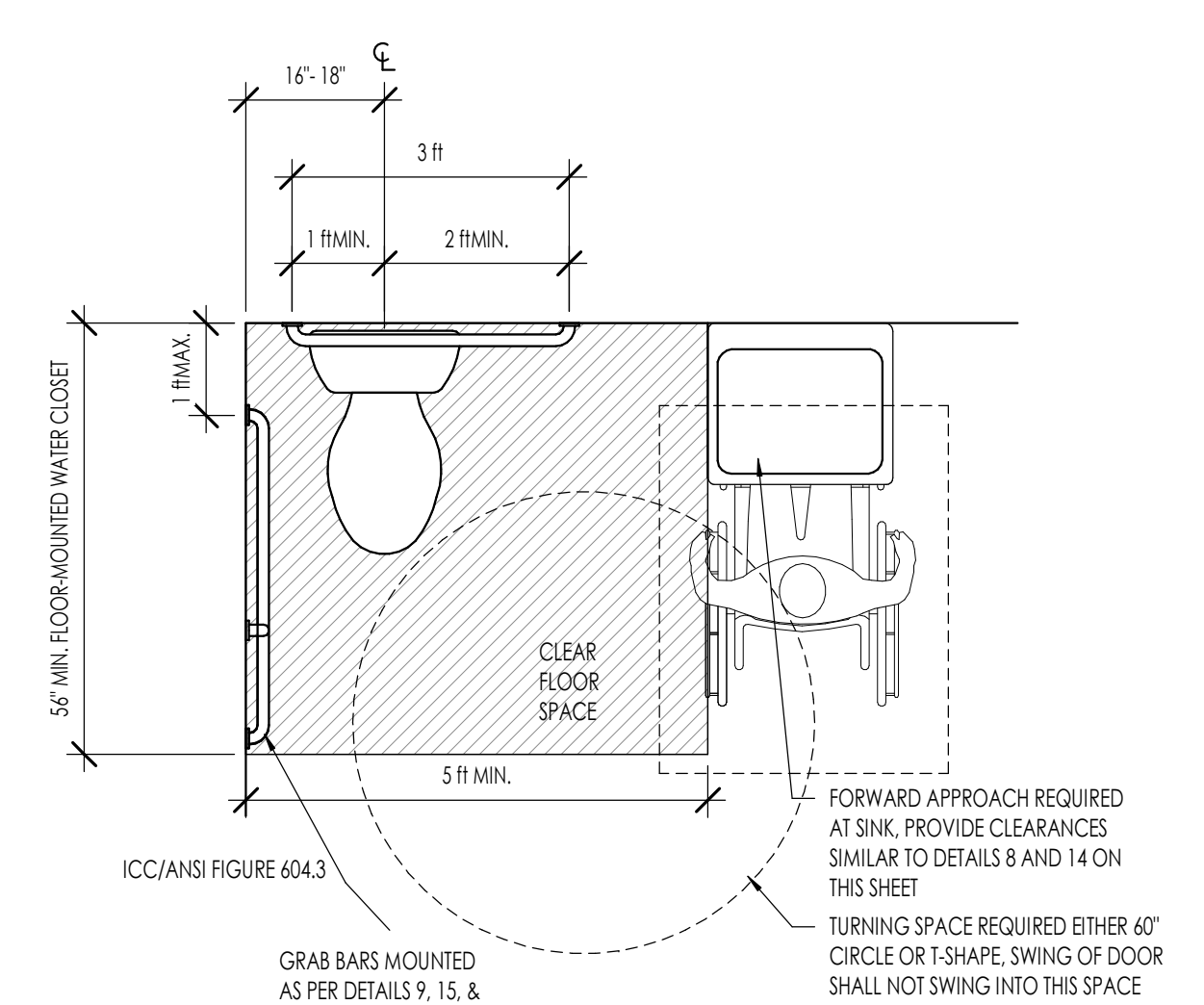
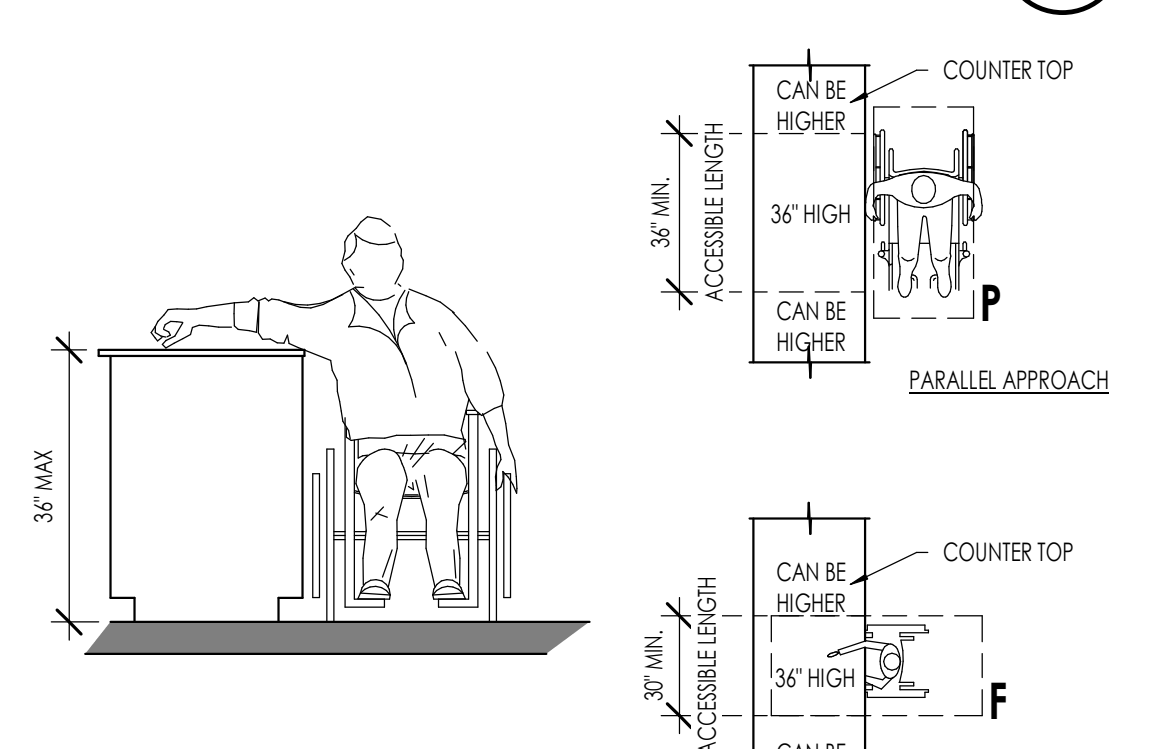
1 PUBLIC DRINKING FOUNTAIN
1/2" = 1'-0"



4 CHANGES IN LEVEL
1/2" = 1'-0"



5 SALES / SERVICE COUNTER
1/2" = 1'-0"



6 PUBLIC WATER CLOSETS
1/2" = 1'-0"



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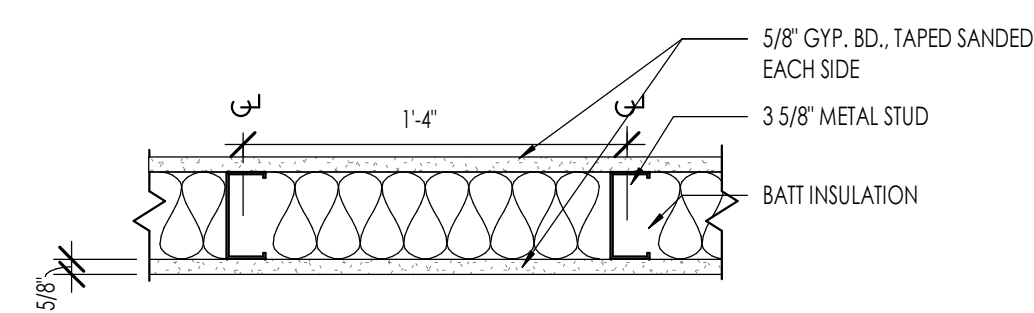
LINFORD DENTAL OFFICE TI
3838 S. 700 E. #200
SOUTH SALT LAKE, UT 84106

PROJECT NO. 25-053
DATE: 12 NOV 2025

DRAWING STATUS
ACCESSIBILITY - PUBLIC SPACES
SHEET NUMBER:
G004
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WALL ASSEMBLIES/ DETAILS NOTES

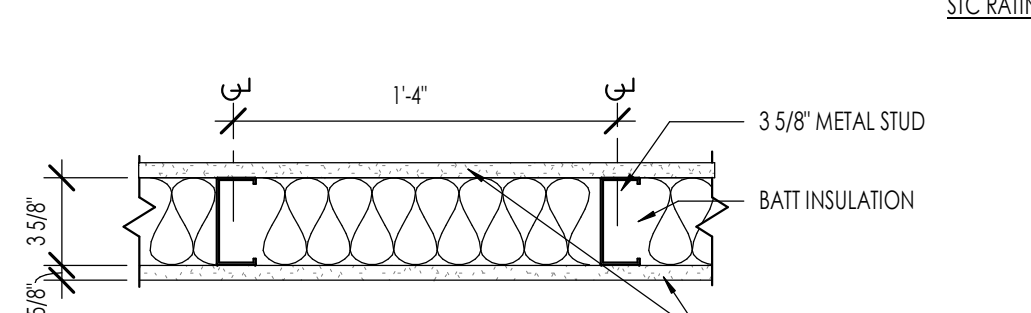
WALL TYPE C1



SYSTEM DESCRIPTION
 CA-3 5/8" 20 GAUGE METAL STUD WALL @ 16" O.C. W/ GYP. BOARD EXTENDED TO THE BOTTOM EXISTING STRUCTURE
METAL STUDS:
 3 5/8" METAL STUDS, 20 GA. SPACED AT 16" O.C. U.N.O.
GYP. BOARD:
 5/8" GYP. BOARD, TAPED, SANDED, AND FINISHED AS SELECTED, BOTH SIDES
BATTS AND BLANKETS:
 R-13 BATT INSULATION, FULL HEIGHT OF WALL TO BOTTOM OF DECK.
 REFER TO INSULATION SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

WALL TYPE C1 (STANDARD)
 1 1/2" = 1'-0"

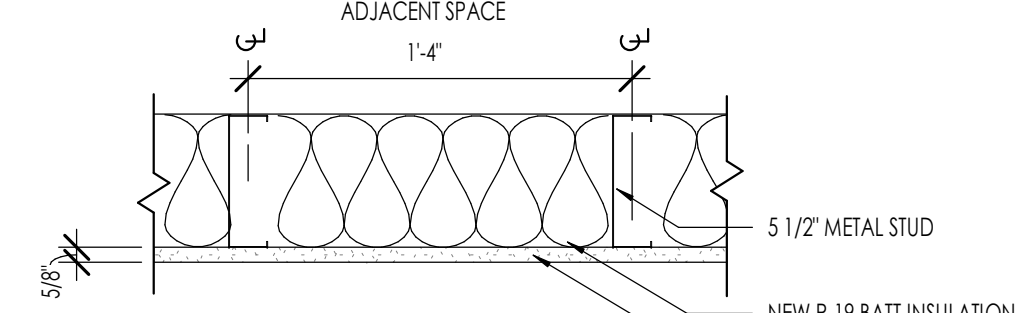
WALL TYPE C2



SYSTEM DESCRIPTION
 CA-3 5/8" 20 GAUGE METAL STUD WALL @ 16" O.C. W/ GYP. BOARD EXTENDED TO THE BOTTOM OF ROOF DECKING
METAL STUDS:
 3 5/8" METAL STUDS, 20 GA. SPACED AT 16" O.C. U.N.O.
STUDS TO DECK:
 5/8" TYPE X GYP. BD, TAPED AND FINISHED AS SELECTED.
BATTS AND BLANKETS:
 R-13 BATT INSULATION, FULL HEIGHT OF WALL TO BOTTOM OF DECK.
 REFER TO INSULATION SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

WALL TYPE C2
 1 1/2" = 1'-0"

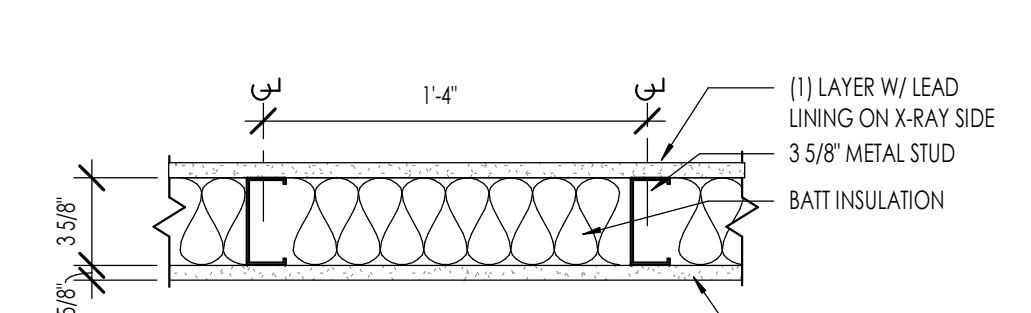
WALL TYPE C3



SYSTEM DESCRIPTION
 EXISTING METAL STUDS, NEW BATT INSULATION, NEW GYP BOARD
GYP. BOARD:
 5/8" GYP. BOARD, TAPED, SANDED, AND FINISHED AS SELECTED
BATTS AND BLANKETS:
 R-19 BATT INSULATION, FULL HEIGHT OF WALL TO BOTTOM OF DECK.
 REFER TO INSULATION SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

WALL TYPE C3
 1 1/2" = 1'-0"

WALL TYPE C4



SYSTEM DESCRIPTION
 CA-3 5/8" 20 GAUGE METAL STUD WALL @ 16" O.C. W/ GYP. BOARD EXTENDED TO THE BOTTOM OF ROOF DECKING
METAL STUDS:
 3 5/8" METAL STUDS, 20 GA. SPACED AT 16" O.C. U.N.O.
STUDS TO DECK:
 5/8" GYP. BOARD, TAPED, SANDED, AND FINISHED AS SELECTED.
BATTS AND BLANKETS:
 R-13 BATT INSULATION, FULL HEIGHT OF WALL TO BOTTOM OF DECK.
 REFER TO INSULATION SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

WALL TYPE C4
 1 1/2" = 1'-0"

GENERAL NOTES

- THE DETAILS HERE ARE A SUMMARY DESCRIPTION OF THE ASSEMBLIES SHOWN. FIRE AND SOUND RATED ASSEMBLIES ARE REQUIRED TO MEET THE FULL TESTING SPECIFICATIONS AS GIVEN BY THE TESTING AGENCY AS INDICATED BY THE TEST NUMBER PROVIDED.
- THE SPECIFICATIONS INCLUDE A COPY OF ALL NOTED ASSEMBLIES. THE CONTRACTOR IS REQUIRED TO INSTALL ALL PRODUCTS IN COMPLIANCE WITH THE ASSEMBLY REQUIREMENTS AND SHALL HAVE A COPY OF THE FULL ASSEMBLY ON SITE.

ACOUSTIC TREATMENTS IN PARTYWALLS AND FLOOR / CEILING ASSEMBLIES

SOUND ATTENUATION
 WALL AREAS MUST BE KEPT FREE OF GAPS OR VOIDS IN INSULATING MATERIAL. FLANKING PATHS THROUGH WHICH SOUND CAN TRAVEL MUST BE ELIMINATED.

SYSTEM MUST BE AIR TIGHT. PERIMETERS OF GYPSUM BOARD FACE LAYER, OUTSIDE EDGES OF ALL MEMBRANE CLUTURES, AND ALL PENETRATIONS MUST BE FULLY CAULKED. IN ADDITION, OPENINGS FOR FIXTURES AND OUTLETS MUST BE CUT TO THE PROPER SIZE AND SEALED.

GYPSUM BOARD WALL SYSTEMS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ORIGINAL SOUND TEST IF THEY ARE TO COMPLY WITH SOUND TRANSMISSION REQUIREMENTS. ANY DEVIATION FROM THE REQUIREMENTS OF THE TEST REPORT, INCLUDING THE ADDITION OF ADDITIONAL COMPONENTS, MAY RESULT IN UNACCEPTABLE SYSTEM PERFORMANCE.

SUPPLY LINES

- ALL HOT AND COLD WATER PIPES MUST BE ISOLATED FROM THE BUILDING FRAME BY 1/4" THICK COLLARS OF FELT, CARPET, OR EQUIVALENT SOFT MATERIAL. PLASTIC ISOLATORS ARE NOT PERMITTED.
- THE CAVITY AROUND THE PIPES SHALL BE FILLED WITH OPEN-FACED FIBERGLASS (OR MINERAL WOOL), OR SPRAYED WITH ADHESIVE CELLULOSE PRODUCT (eg. CELLAR, THERMAKON, ETC.).
- WATER PRESSURE SHALL BE CONTROLLED PER PLUMBING DRAWINGS.
- WATER VELOCITY SHALL NOT EXCEED 6 FEET/ SECOND. IF SINGLE LAYER FAUCET SYSTEMS ARE USED, HOWEVER, THE CODE ALLOWS 15 FEET/ SECOND WHICH IS ACCEPTED IF NO SINGLE FAUCETS SYSTEMS ARE USED.
- SHOWER HEAD WATER FLOW RESTRICTIONS MUST BE USED TO LIMIT THE FLOW FOR LESS THAN 3 GALLONS PER MINUTE.

WASTE LINES

- WASTE LINES SHALL NOT RIGIDLY CONNECT TO ANY PART OF THE WOOD STRUCTURE.
- OPENINGS IN THE GYPSUM WALL BOARD AROUND A FIXTURE FEED LINE SHALL BE CUT OVERSIZED TO ACCOMMODATE A BEAD OF CAULKING AROUND THE FEED LINE. THEREBY ISOLATING THE PIPE FROM THE WALL. CAULKING WILL BE RE-TESTED.
- PACK THE CAVITY VOID BELOW TUBS AND SHOWERS WITH FIBERGLASS OR SPRAYED-ON MATERIAL AND BLOCK THE BOTTOM OF THE TUBS.
- FOR THE FLOOR/CEILING ASSEMBLIES AND WASTE LINE PENETRATIONS OF NON-COMMON WALLS, WASTE LINE ABOVE THE SLAB SHALL BE FULLY INSULATED ABS. THE ELBOW BELOW THE STOOL WASTE OUTLET SHALL BE FROM THE POSITION BLOCKS WITH CARPET PADDING OR A FELT MATERIAL. THE ENTIRE SPACE AROUND THE ELBOW MUST BE FILLED WITH FIBERGLASS MATERIAL.
- PRIOR TO SETTING THE WALL PLATES AT THE CONCRETE SLAB INTO POSITION - THREE (3) CONTINUOUS BEADS OF SEALANT SHALL BE LAID TO PROVIDE A NON HARDENING SEAL BETWEEN THE FLOORING AND THE PLATE. ALTERNATE "AMORFOAM" SILL SEALER BY BENECCO 800-241-4402.
- USE LOWEY'S NO. 10 ACOUSTICAL TAPE, U.S.G. ACOUSTICAL SEALANT.
- CAULK ALL ELECTRICAL OUTLET BOXES IN THE PARTY WALL SO THAT THE BOXES ARE AIR TIGHT.
- USE LOWEY'S NO. 10 ACOUSTICAL SEALANT PADS, U.S.G. ACOUSTICAL SEALANT.
- OUTLET BOXES IN RATED ASSEMBLIES WILL BE STEEL OR RATED PLASTIC BOX PER IBC 712 AND 717.
- FIRE BLOCKING WILL OCCUR AT 10'-0" O.C. MAXIMUM, HORIZONTALLY AND VERTICALLY. PER 2015 IBC, SECTION 717.
- ALL PENETRATIONS TO BE SEALED W/ ACOUSTICAL CAULKING AN OR FIBER PADDING TO MAINTAIN REQUIRED SOUND RATING.
- NO RIGID CONNECTION SHALL BE MADE BETWEEN CEILING GYPSUM BOARD AND FLOOR JOIST.
- PLUMBING CONDUCTOR OR DUCTWORK SHALL BE HUNG FROM FLOOR JOIST W/ RESILIENT HANGERS AND SHALL NOT BE CONNECTED DIRECTLY TO THE CEILING IN ANY MANNER.
- THE PERIMETER OF HARD SURFACED AREAS AND THEIR SETTING BEDS WILL BE ISOLATED FROM WALLS W/ FIBERGLASS OR NEOPRENE GASKET AND CAULK. THE BASEBOARD SHALL COVER GAPS BUT WILL NOT TOUCH HARD SURFACE.
- INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH MAXIMUM FLAME SPREAD OF 2015 IBC, SECTION 803.

705.6 VERTICAL CONTINUITY - FIRE WALLS SHALL EXTEND FROM THE FOUNDATION TO A TERMINATION POINT AT LEAST 30" ABOVE BOTH ADJACENT ROOFS.

- EXCEPTIONS:
- NO OPENINGS IN THE ROOF WITHIN 4 FEET OF THE FIREWALL.
 - STEPPED BUILDINGS IN ACCORDANCE WITH SECTIONS 705.6.1.
 - THE ROOF IS COVERED WITH A MINIMUM CLASS 8 ROOF COVERING.
 - THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF FIRE RESISTANT TREATED WOOD FOR A DISTANCE OF 4 FEET (1220 MM) ON BOTH SIDES OF THE WALL OR THE ROOF IS PROTECTED WITH 5/8" TYPE X GYPSUM BOARD DIRECTLY BENEATH THE UNDERSIDE OF THE ROOF SHEATHING OR DECK, SUPPORTED BY A MINIMUM OF 2" NOMINAL LEDGERS ATTACHED TO THE SIDES OF THE ROOF FRAMING MEMBERS FOR A MINIMUM DISTANCE OF 4 FEET ON BOTH SIDES OF THE FIRE WALL.

THE DETAILS HERE ARE SUMMARY DESCRIPTIONS OF THE ASSEMBLIES SHOWN. FIRE AND SOUND RATED ASSEMBLIES ARE REQUIRED TO MEET THE FULL TESTING SPECIFICATIONS AS GIVEN BY THE TESTING AGENCY AS INDICATED BY THE TEST NUMBER PROVIDED.



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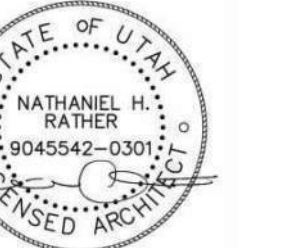
PROJECT NO. 25-053
 DATE: 12 NOV 2025
 REVISIONS:

SHEET TITLE:
 WALL TYPE DETAILS

SHEET NUMBER:
 G005

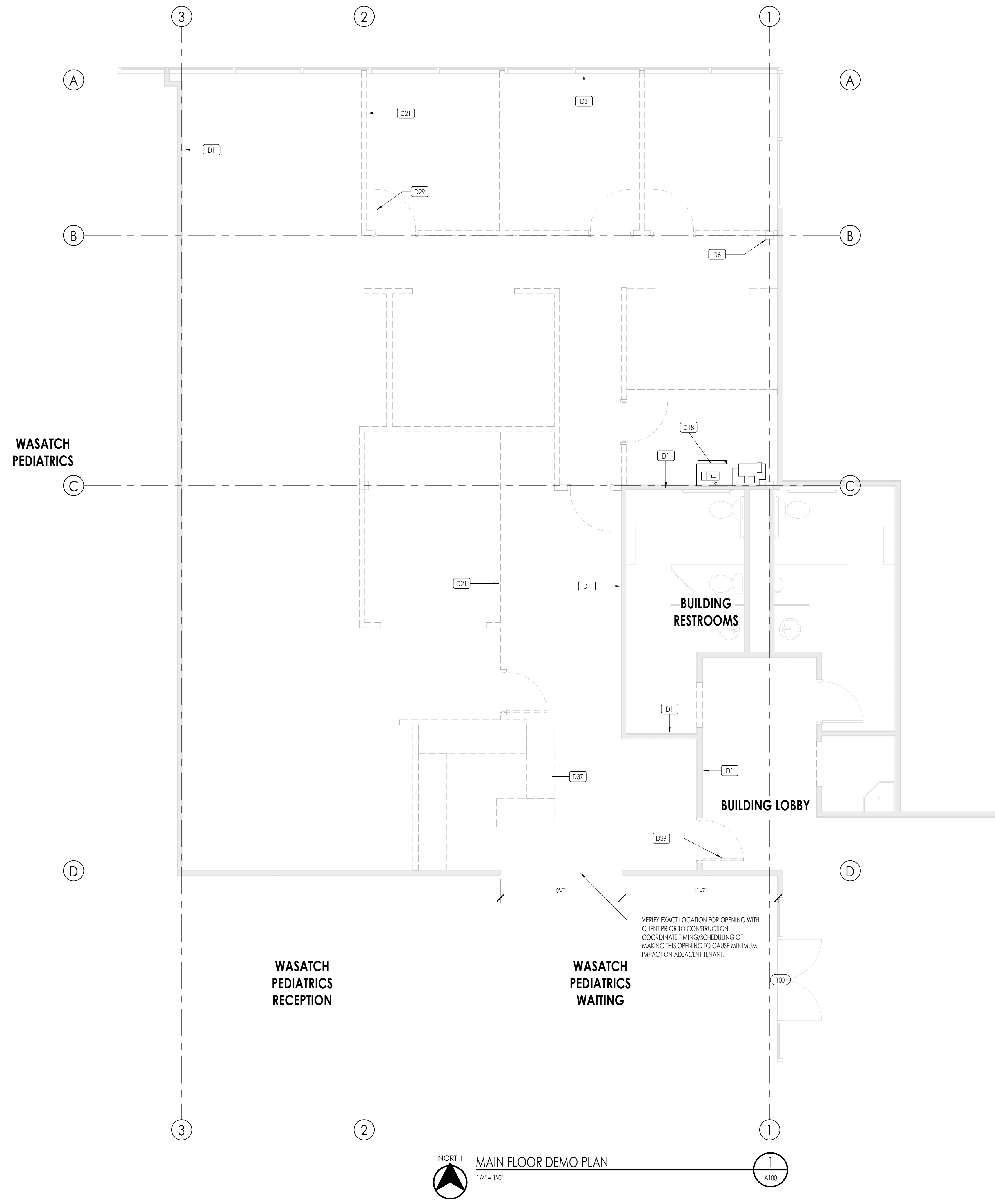
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DRAWING STATUS



12 NOV 2025

KEYNOTES	
D1	EXISTING WALL TO REMAIN
D3	EXISTING WINDOWS TO REMAIN
D4	EXISTING STRUCTURAL COLUMN TO REMAIN - SEE SPECIFICATIONS SECTION 24119
D18	EXISTING MECHANICAL UNIT TO REMAIN - SEE SPECIFICATIONS SECTION 24119
D21	REMOVE EXISTING WALLS SHOWN DASHED.
D29	REMOVE EXISTING INTERIOR DOOR AND FRAME.
D37	REMOVE EXISTING COUNTERTOPS AND BACKSPLASH - SEE SPECIFICATIONS SECTION 24119



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SOUTH SALT LAKE, UT 84106

PROJECT NO. 25-053
DATE: 12 NOV 2025

REVISIONS:

DRAWING STATUS
SHEET TITLE: DEMOLITION FLOOR PLAN
SHEET NUMBER: A100
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FLOOR PLAN LEGEND			
HATCH PATTERN	DESCRIPTION	HATCH PATTERN	DESCRIPTION
[Hatch Pattern]	METAL STUD WALL	[Hatch Pattern]	CARPET FINISH
[Hatch Pattern]		[Hatch Pattern]	TILE FINISH

- ### FLOOR PLAN GENERAL NOTES
- ALL DIMENSIONS ARE TO INTERIOR FACE-OF-STUD (F.O.S.) UNLESS NOTED OTHERWISE.
 - CEILING HEIGHTS MEASURED FROM FLYWOOD OR CONCRETE - SEE SECTIONS
 - REFER TO ENLARGED PLANS FOR ALL UNIT DIMENSIONS, WINDOW TYPES, DOORS AND WALLS.
 - REFER TO ENLARGED PLANS FOR ALL DECKS/PATIOS.
 - COORDINATE WITH ALL ENLARGED PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
 - ALL TOPPING SLABS MUST BE POURED AFTER ROOF IS COMPLETE AND BUILDING IS DRIED IN.
 - SEE SHEET A002 FOR PROJECT GENERAL NOTES AND SHEET A003 FOR PROJECT KEYNOTES. REVIEW ALL NOTES PRIOR TO CONSTRUCTION.
 - COORDINATE WITH STRUCTURAL FRAMING PLANS AND SHEAR WALL PLANS FOR LOCATIONS OF COLUMNS, BEAMS, SHEAR WALLS, ETC.
 - COORDINATE WITH BUILDER/OWNER FOR ALL INTERIOR FINISHES
 - COORDINATE WITH ELECTRICAL DRAWINGS FOR ALL LIGHTING, POWER AND DATA REQUIREMENTS.
 - ALL EXTERIOR WALLS ARE ASSUMED TO BE 2X6 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
 - ALL INTERIOR WALLS ARE ASSUMED TO BE 2X4 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
 - ALL ROOF TRUSSES TO HAVE RAISED ENERGY HEEL CONSTRUCTION TO ALLOW FOR FULL DEPTH INSULATION OVER EXTERIOR WALLS (COORDINATE INSULATION REQUIREMENTS WITH RESCHECKS).

FLOOR PLAN KEYNOTES

KEYNOTES	
FL-02	ARCHITECTURAL CASEWORK AND COUNTERTOPS. SEE INTERIOR ELEVATIONS.
FL-04	FURNITURE BY OWNER (M.C.)
FL-10	DENTAL VACUUM AND COMPRESSOR. SEE MEP PLANS.
FL-11	NEW ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS.
FL-24	SIDE CABINET W/SINK
FL-26	X-RAY MACHINE
FL-29	DENTAL CHAIR. SEE EQUIPMENT PLANS.
FL-30	PROVIDE BACKING FOR EQUIPMENT. VERIFY LOCATION WITH EQUIPMENT VENDOR
FL-35	EXISTING STRUCTURAL COLUMN



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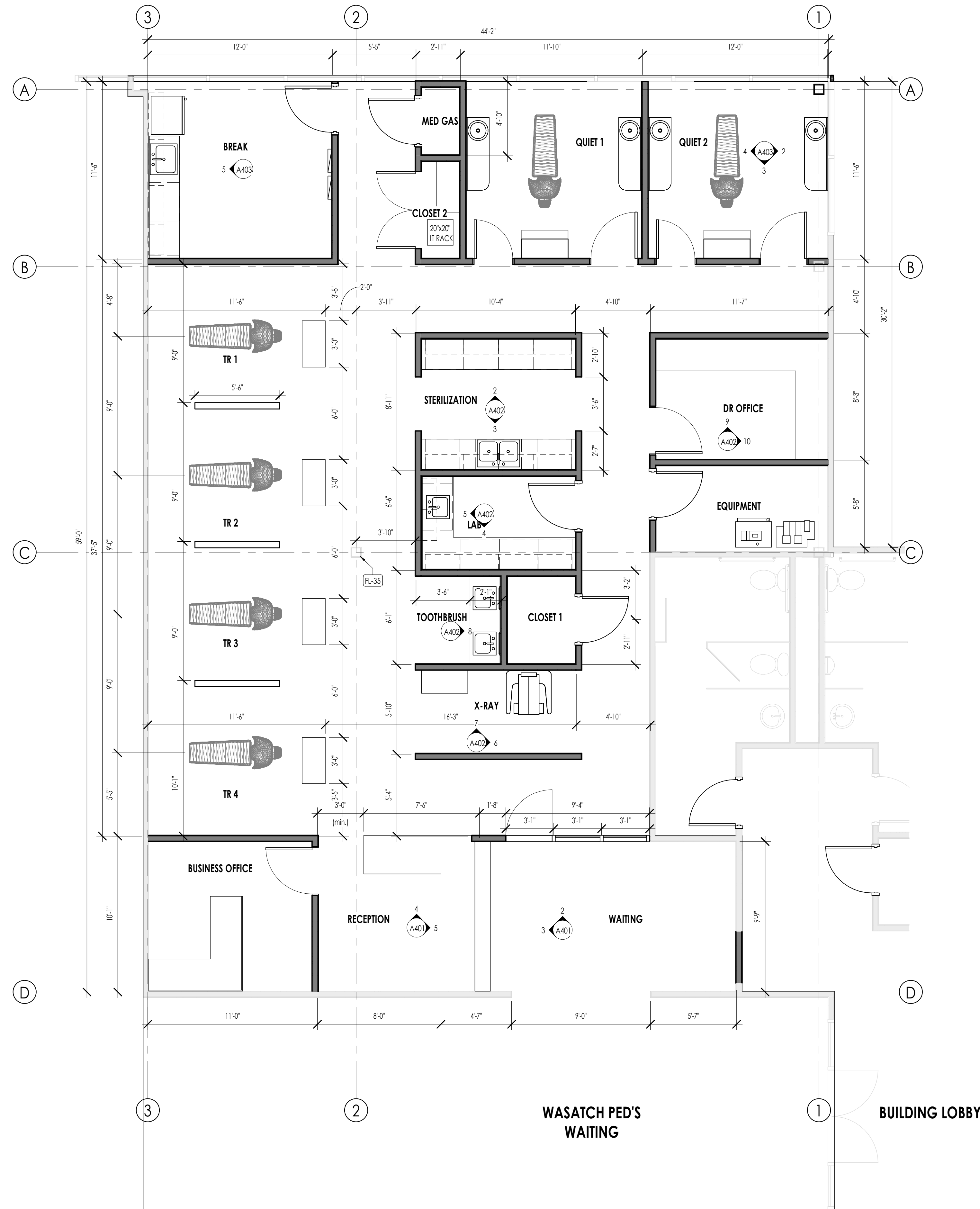
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PROJECT NO. 25-053
DATE: 12 NOV 2025

SHEET TITLE:
MAIN FLOOR PLAN

SHEET NUMBER:
A101

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DIMENSION FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN LEGEND			
HATCH PATTERN	DESCRIPTION	HATCH PATTERN	DESCRIPTION
[Hatch Pattern]	METAL STUD WALL	[Hatch Pattern]	CARPET FINISH
[Hatch Pattern]		[Hatch Pattern]	TILE FINISH

- FLOOR PLAN GENERAL NOTES**
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 - CEILING HEIGHTS MEASURED FROM FLYWOOD OR CONCRETE - SEE SECTIONS
 - REFER TO ENLARGED PLANS FOR ALL UNIT DIMENSIONS, WINDOW TYPES, DOORS AND WALLS.
 - REFER TO ENLARGED PLANS FOR ALL DECKS/PATIOS.
 - COORDINATE WITH ALL ENLARGED PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
 - ALL TOPPING SLABS MUST BE POURED AFTER ROOF IS COMPLETE AND BUILDING IS DRIED IN.
 - SEE SHEET A002 FOR PROJECT GENERAL NOTES AND SHEET A003 FOR PROJECT KEYNOTES. REVIEW ALL NOTES PRIOR TO CONSTRUCTION.
 - COORDINATE WITH STRUCTURAL FRAMING PLANS AND SHEAR WALL PLANS FOR LOCATIONS OF COLUMNS, BEAMS, SHEAR WALLS, ETC.
 - COORDINATE WITH BUILDER/OWNER FOR ALL INTERIOR FINISHES
 - COORDINATE WITH ELECTRICAL DRAWINGS FOR ALL LIGHTING, POWER AND DATA REQUIREMENTS.
 - ALL EXTERIOR WALLS ARE ASSUMED TO BE 2X4 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
 - ALL INTERIOR WALLS ARE ASSUMED TO BE 2X4 STUD WALLS UNLESS SHOWN/NOTED OTHERWISE.
 - ALL ROOF TRUSSES TO HAVE RAISED ENERGY HEEL CONSTRUCTION TO ALLOW FOR FULL DEPTH INSULATION OVER EXTERIOR WALLS (COORDINATE INSULATION REQUIREMENTS WITH RESCHECKS).

FLOOR PLAN KEYNOTES

KEYNOTES	
FL-35	EXISTING STRUCTURAL COLUMN



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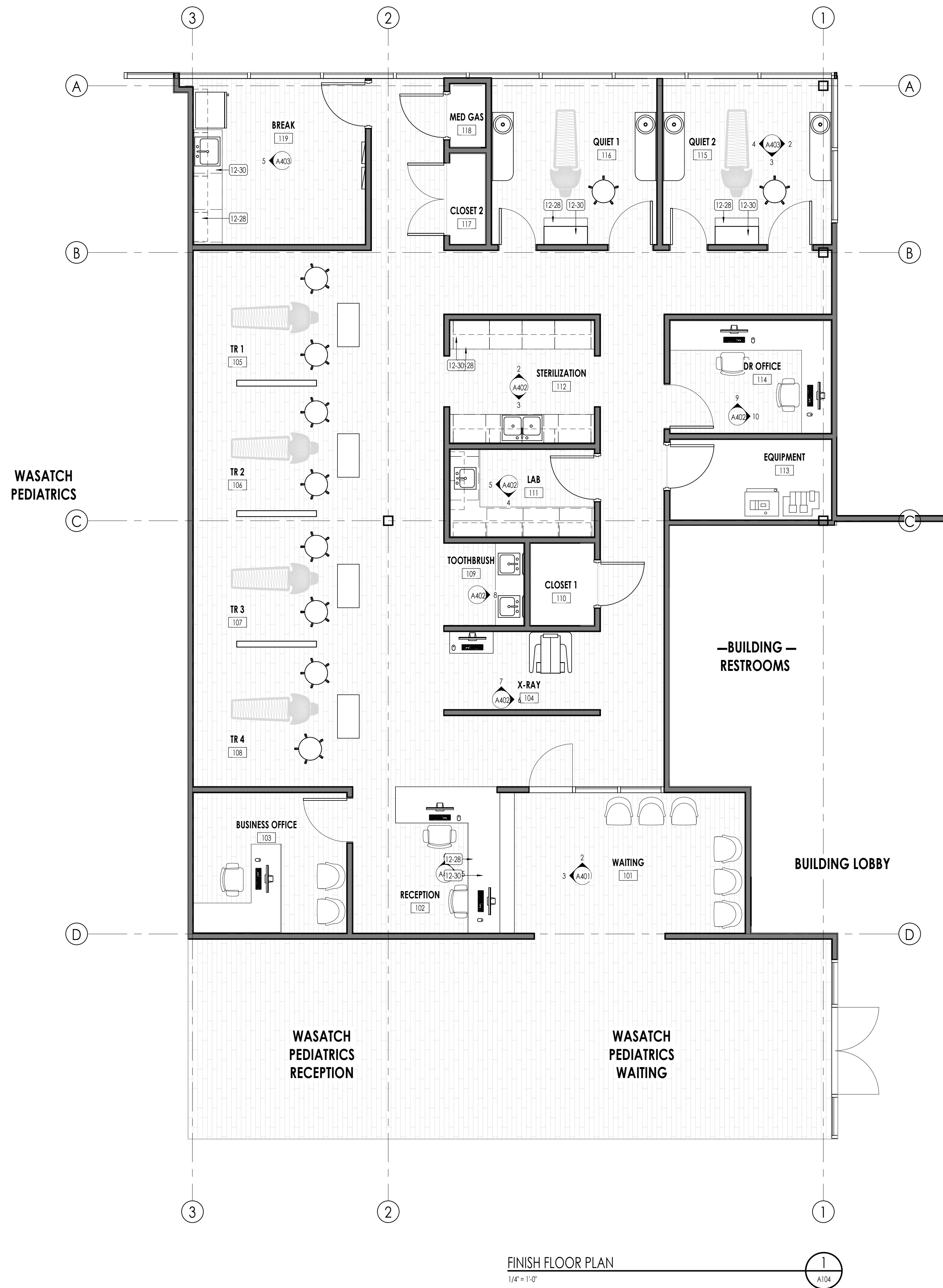


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PROJECT NO. 25-053
DATE: 12 NOV 2025

DRAWING STATUS
SHEET TITLE:
DIMENSION FLOOR PLAN
SHEET NUMBER:
A102



FINISH LEGEND			
CODE	MANUFACTURER	DESCRIPTION	COMMENTS
BASE			
B1	ROPPE	6 COVERED RUBBER WALL BASE - 673 GREIGE	
CEILING FINISH			
CL1		ROCKFON: KORAL SQUARE LAY-IN 1120, SITE 2X2	
CL2		PAINT COLOR: SW7636 OYSTER WHITE, PROMAR 200 FLAT FINISH	
FLOOR FINISH			
LV11	DALTILE	HARPER'S PLACE - HP25 TUDOR 7.5X6.5 20 MIL W/ NO PAD, 5MM	
MILLWORK			
PLAM1	FORMICA	8682-58 WOOLEN CLOTH, MATTE FINISH	ALL CABINETS
PLAM2	FORMICA	9529-43 SEA SALT, ARTISAN FINISH	ALL COUNTER TOPS (UNLESS NOTED AS QUARTZ)
Q21	DALTILE	ONE QUARTZ, WOYEN WOOL 2CM	RECEPTION TRANSACTION TOP, ALL TREATMENT ROOM TOPS & TOOTHBRUSH TOP
WALL FINISH			
P1	SHERWIN WILLIAMS	SW7636 ORIGAMI WHITE	ALL WALL EXCEPT WAITING AND RECEPTION
P2	SHERWIN WILLIAMS	SW7031 MEGA GREIGE	ALL HM DOOR FRAMES

FINISH LEGEND - ROOM					
ROOM NUMBER	ROOM NAME	FINISH			
		FLOOR	BASE	WALL	CEILING
101	WAITING	LV11	B1	GYP. BOARD	GYP. BOARD
102	RECEPTION	LV11	B1	GYP. BOARD	GYP. BOARD
103	BUSINESS OFFICE	LV11	B1	GYP. BOARD	ACT
104	X-RAY	LV11	B1	GYP. BOARD	GYP. BOARD
105	TR 1	LV11	B1	GYP. BOARD	ACT
106	TR 2	LV11	B1	GYP. BOARD	ACT
107	TR 3	LV11	B1	GYP. BOARD	ACT
108	TR 4	LV11	B1	GYP. BOARD	ACT
109	TOOTHBRUSH	LV11	B1	GYP. BOARD	GYP. BOARD
110	CLOSET 1	CONC.	B1	GYP. BOARD	GYP. BOARD
111	LAB	LV11	B1	GYP. BOARD	ACT
112	STERILIZATION	LV11	B1	GYP. BOARD	ACT
113	EQUIPMENT	CONC.	B1	GYP. BOARD	GYP. BOARD
114	DR OFFICE	LV11	B1	GYP. BOARD	ACT
115	QUIET 2	LV11	B1	GYP. BOARD	ACT
116	QUIET 1	LV11	B1	GYP. BOARD	ACT
117	CLOSET 2	CONC.	B1	GYP. BOARD	GYP. BOARD
118	MED GAS	CONC.	B1	GYP. BOARD	GYP. BOARD
119	BREAK	LV11	B1	GYP. BOARD	ACT



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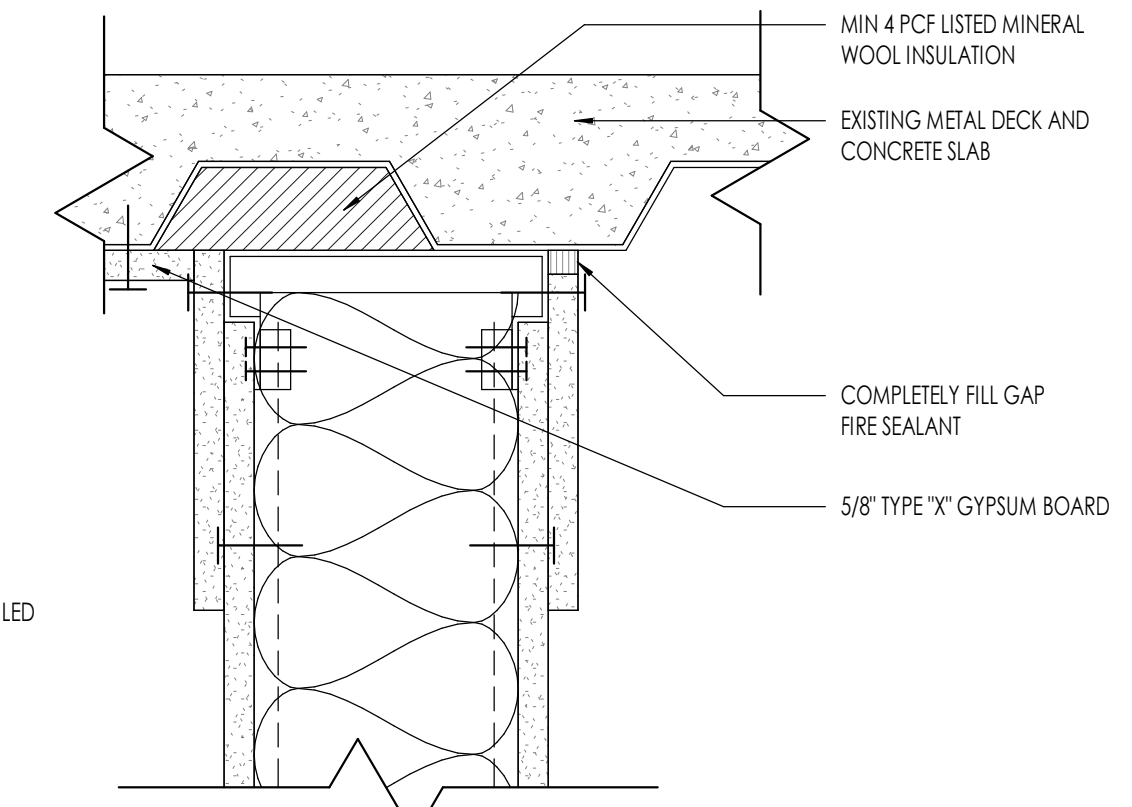
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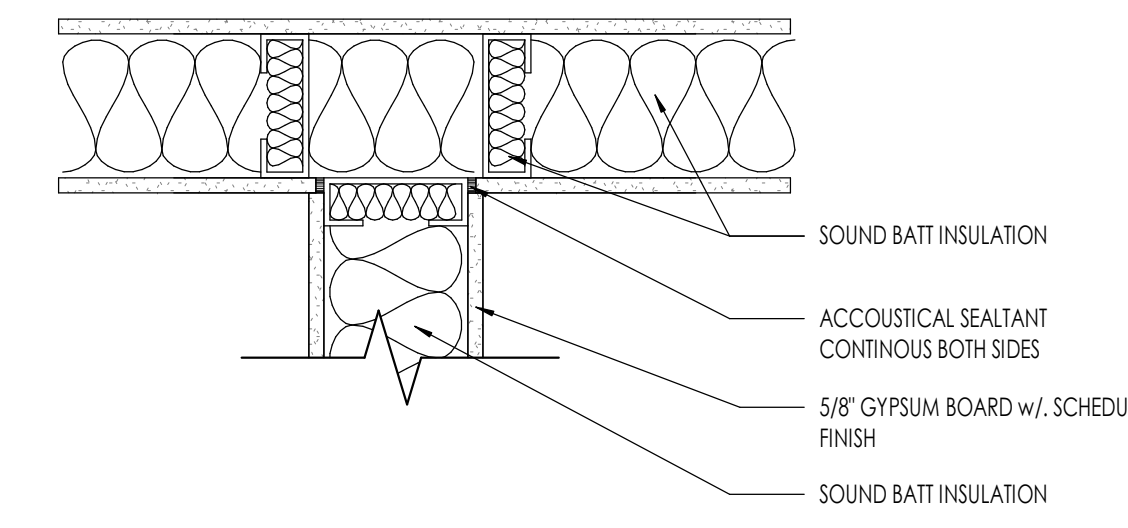
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REVISIONS:

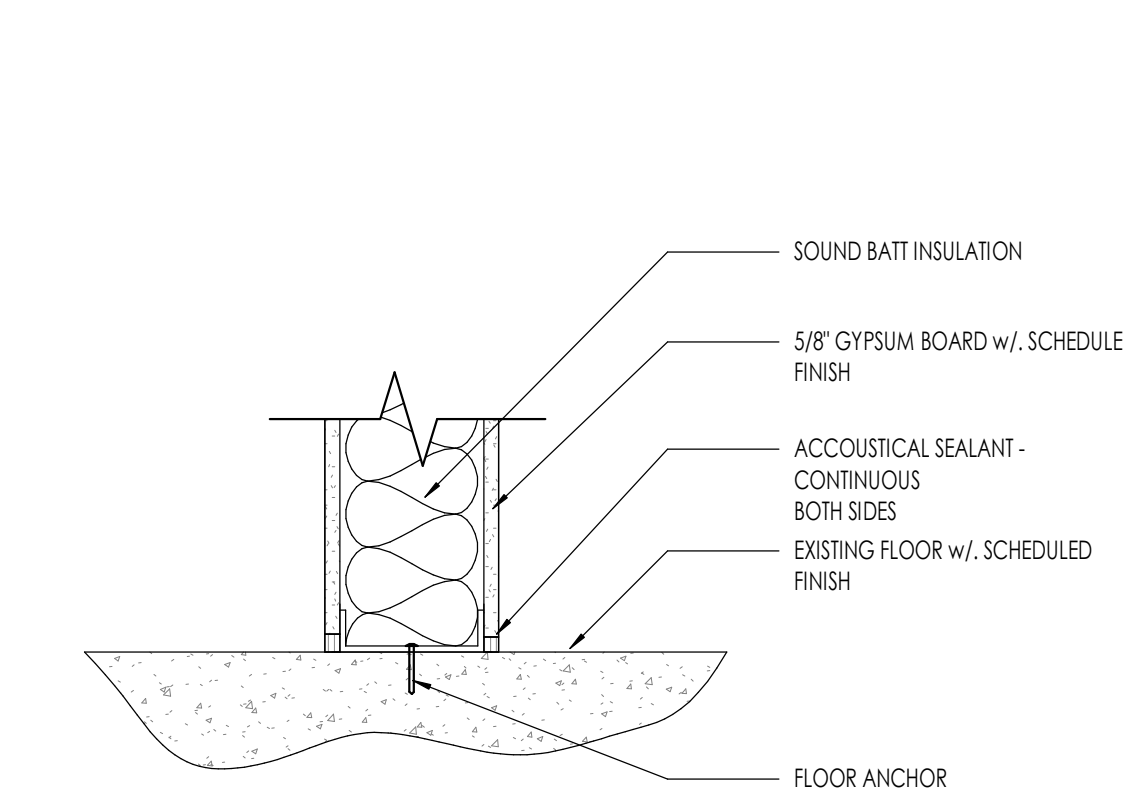
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SCHEDULES
SHEET NUMBER:
A104
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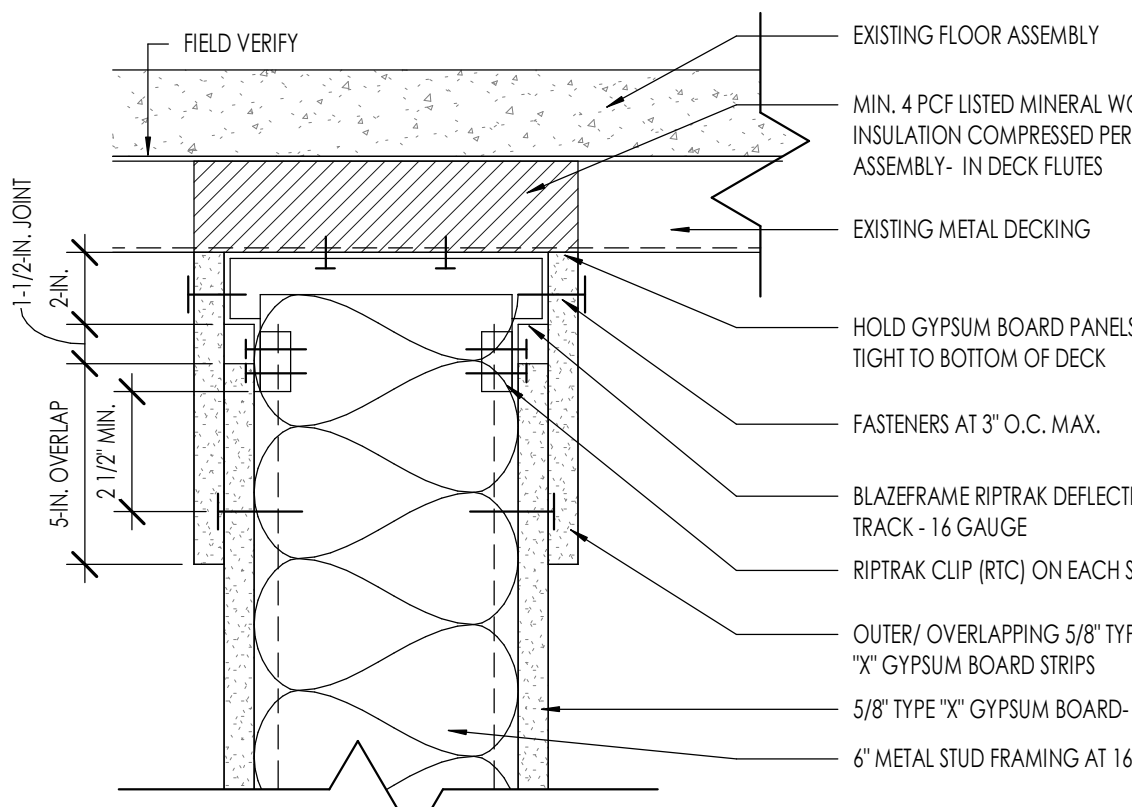
FIRE TRACK DETAIL - PARALLEL W/ DECK FLUTES
3\"/>



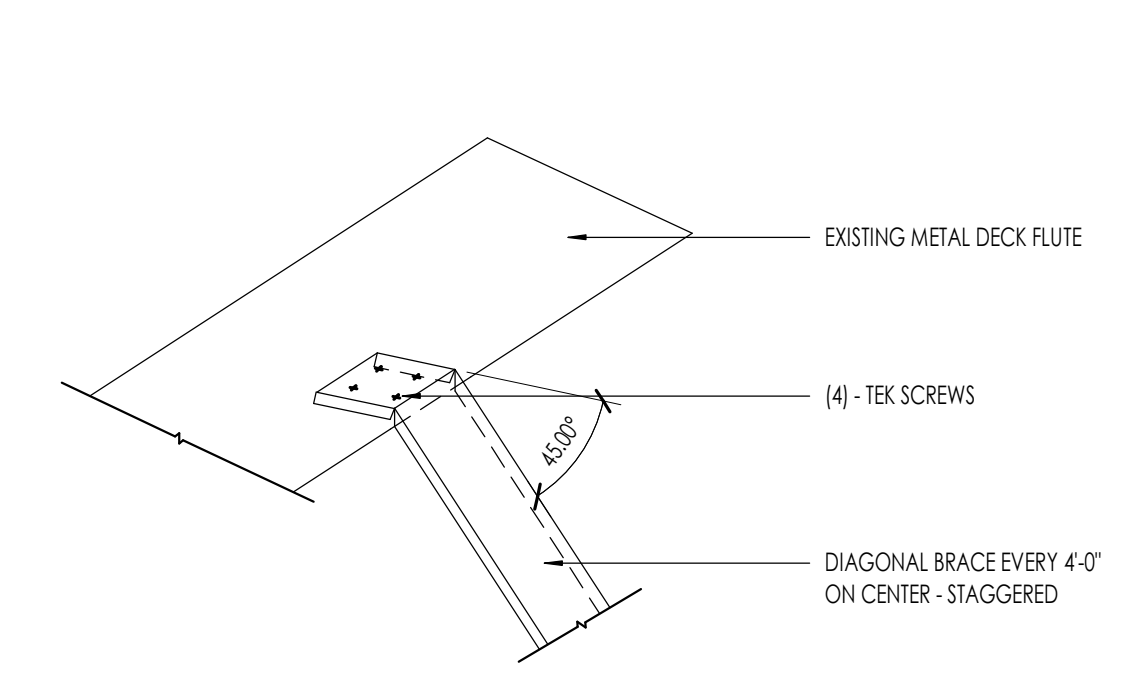
CORNER WALL - DETAIL
1 1/2\"/>



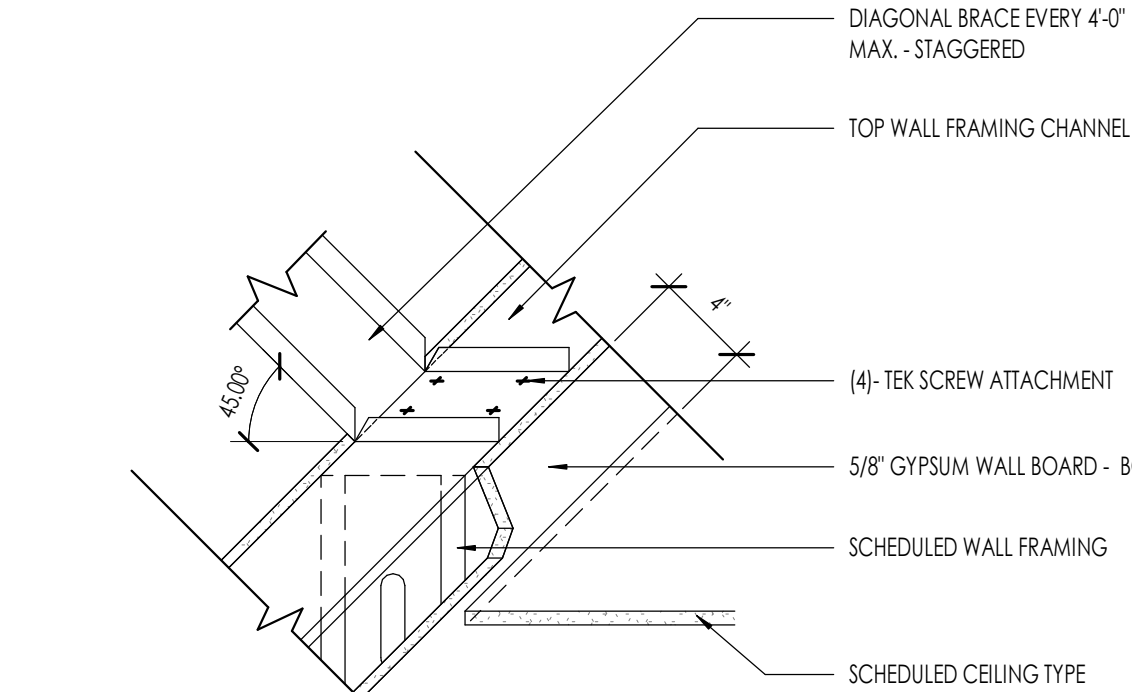
FLOOR WALL - DETAIL
1 1/2\"/>



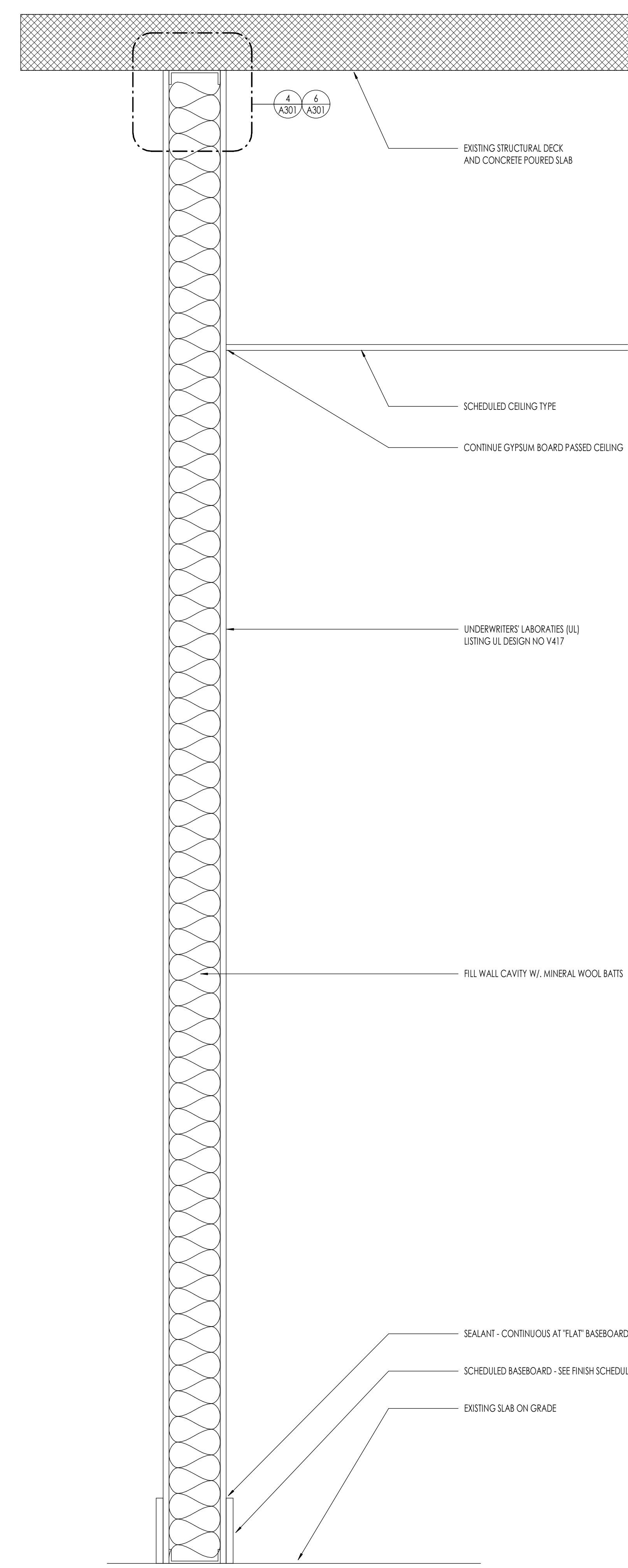
FIRE TRACK DETAIL - PERPENDICULAR W/ DECK FLUTES
3\"/>



SEISMIC BRACE DETAIL- DECK ATTACHMENT
1 1/2\"/>

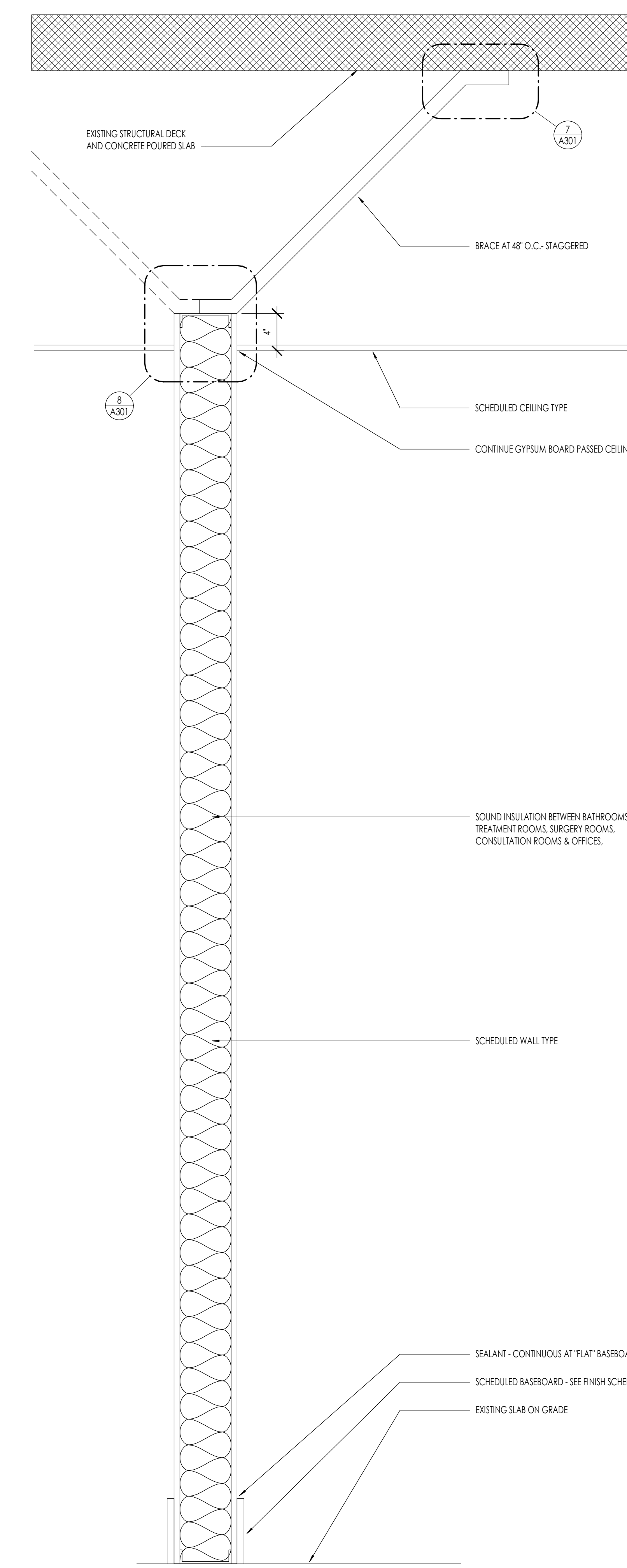


SEISMIC BRACE DETAIL- TOP OF WALL
1 1/2\"/>

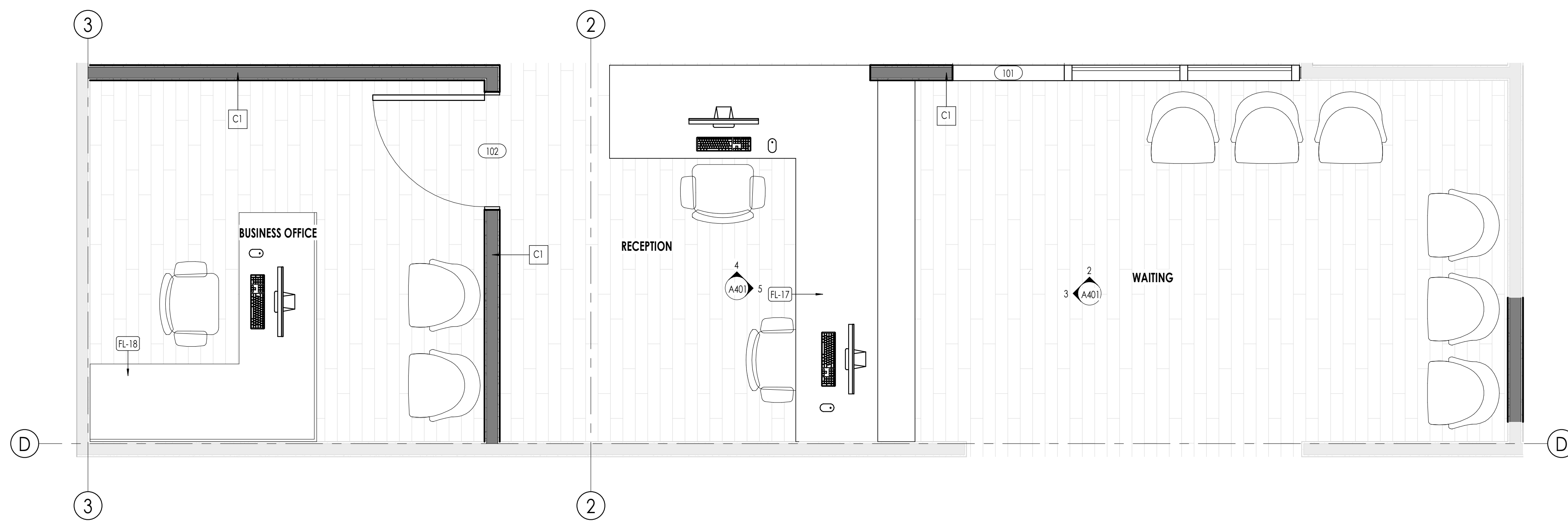


1-HOUR RATED WALL ASSEMBLY- SECTION
1 1/2\"/>

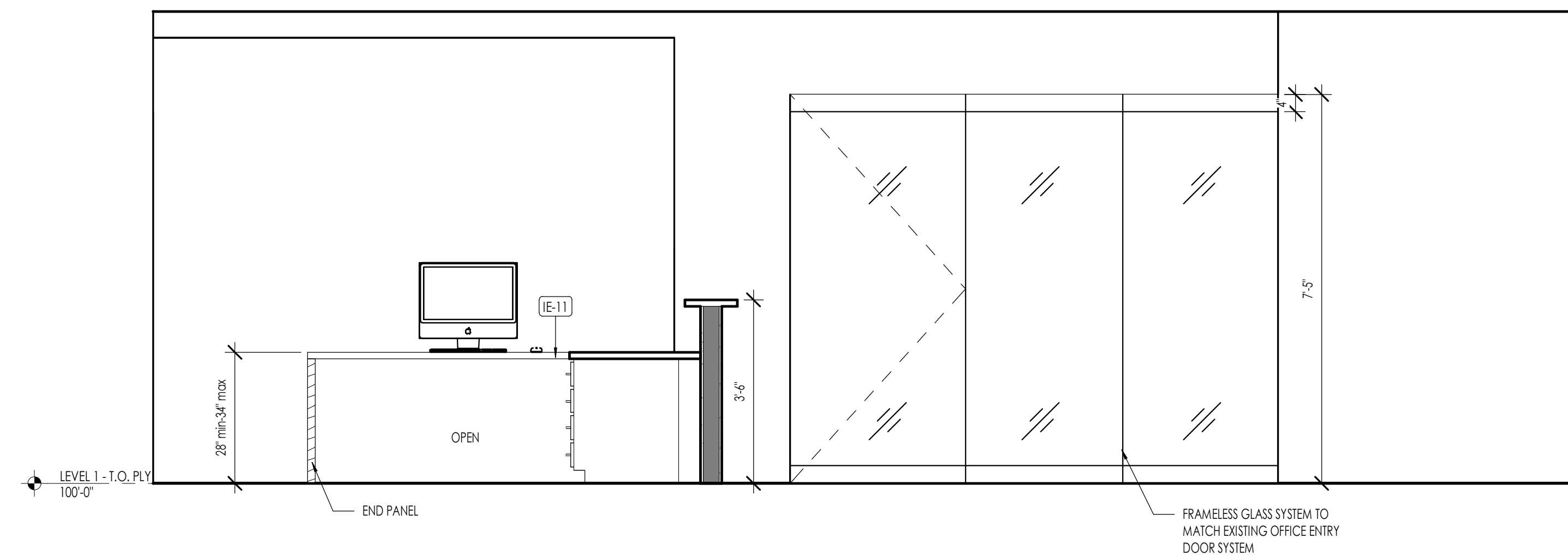
UL DESIGN U419 - 1-HOUR WALL ASSEMBLY



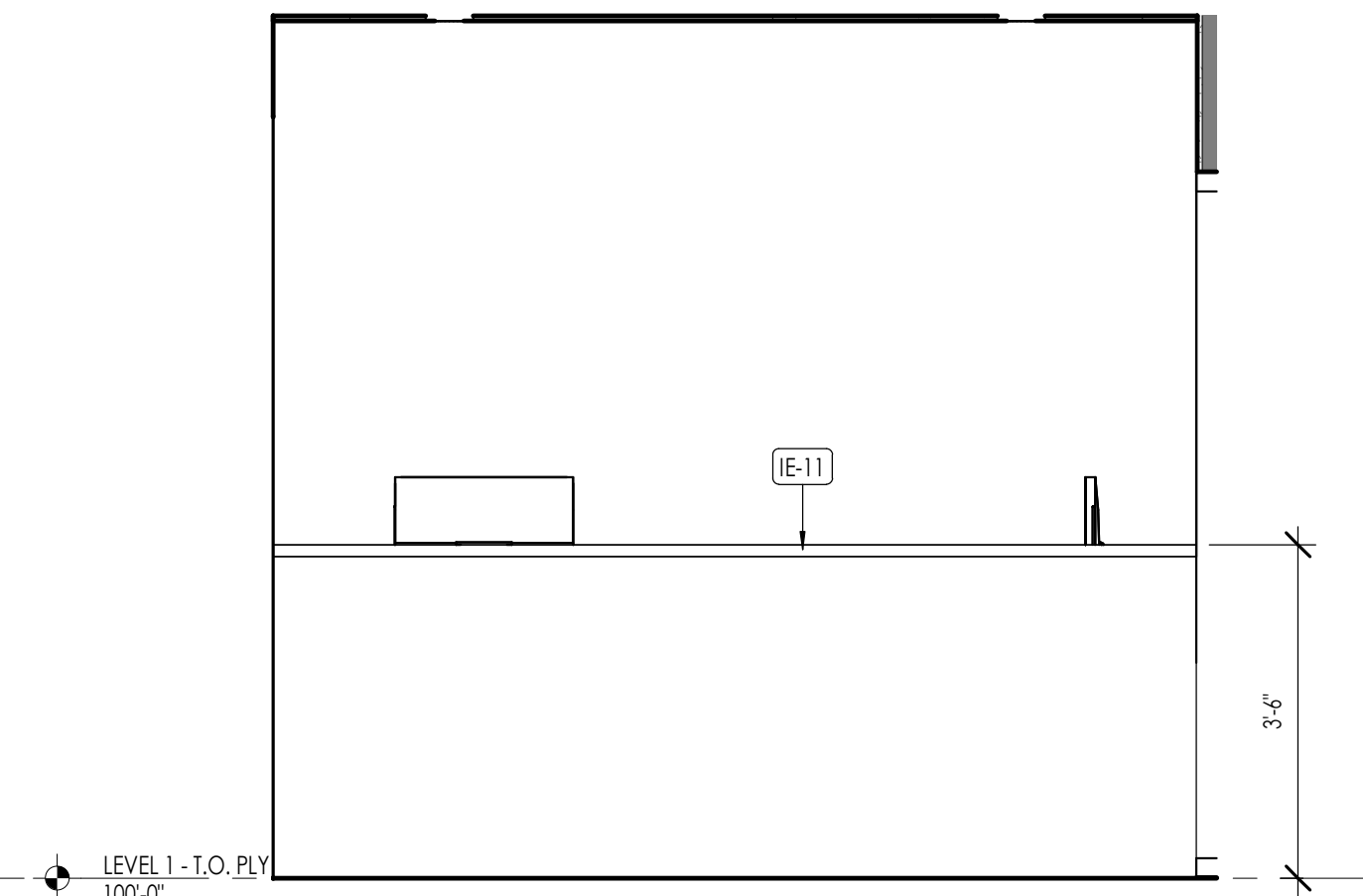
TYPICAL WALL
1 1/2\"/>



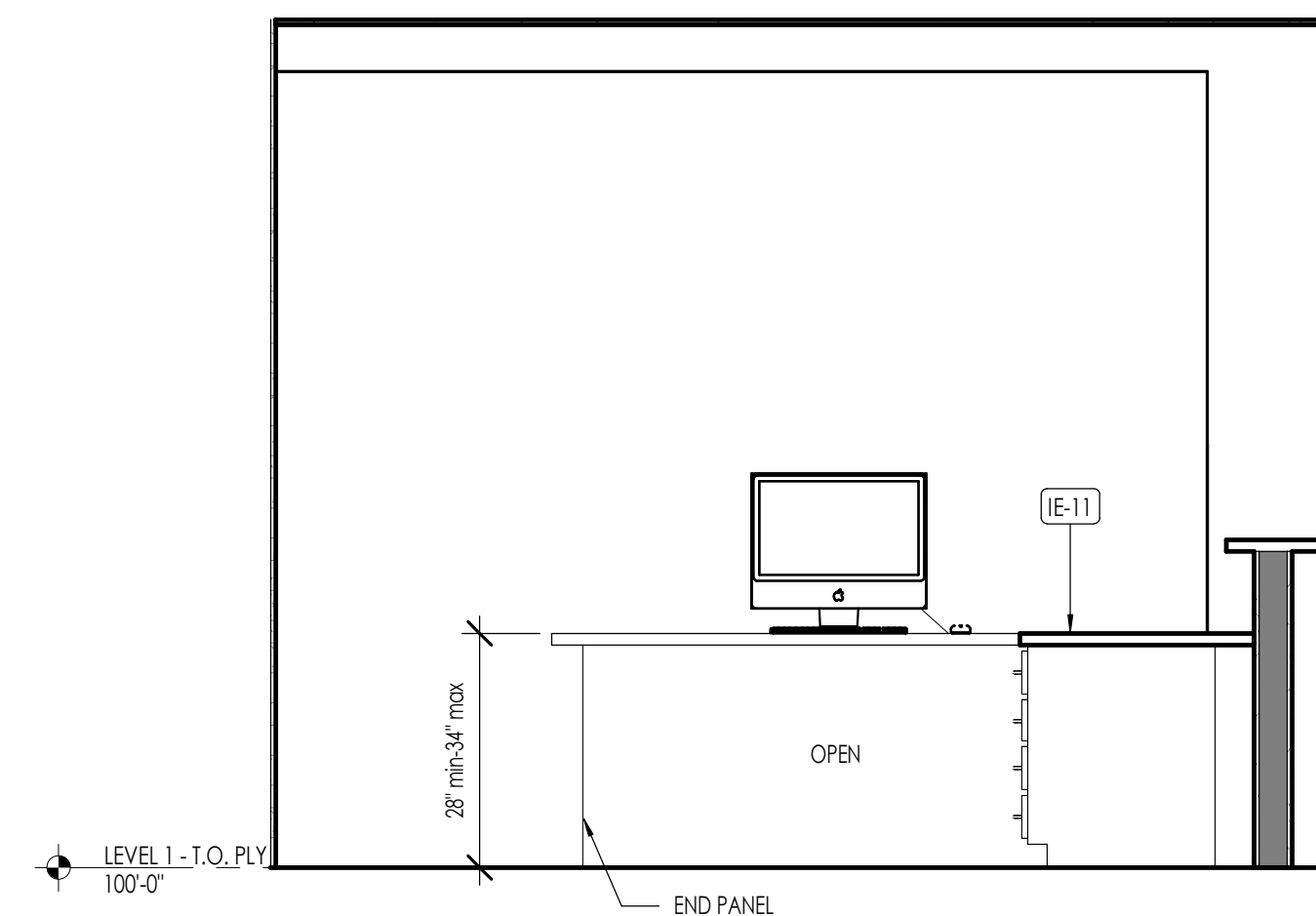
ENLARGED PLAN - RECEPTION AND OFFICE
1/2" = 1'-0" (A401)



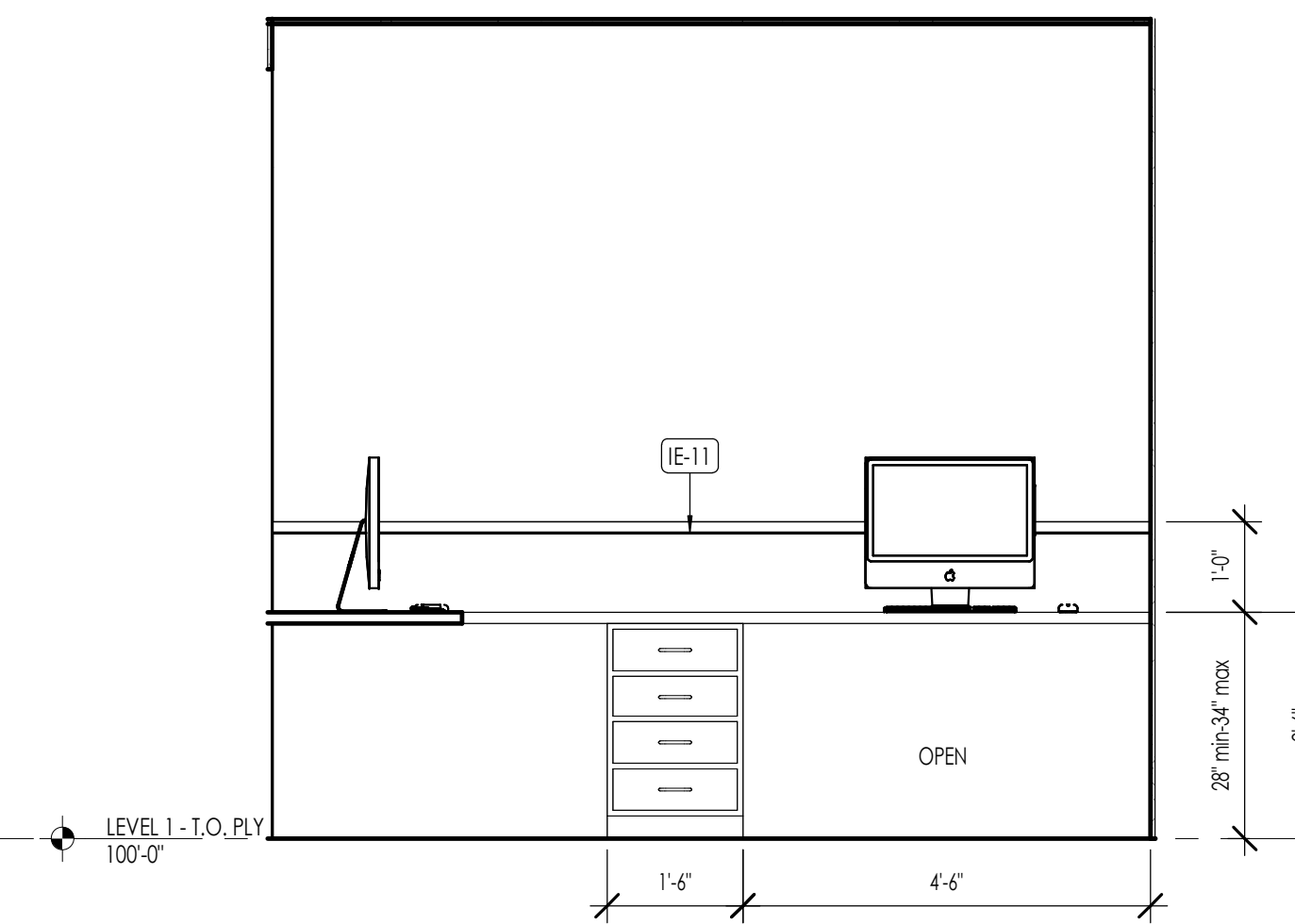
WAITING ELEVATION 1
1/2" = 1'-0" (A401)



WAITING ELEVATION 2
1/2" = 1'-0" (A401)



RECEPTION ELEVATION 1
1/2" = 1'-0" (A401)



RECEPTION ELEVATION 2
1/2" = 1'-0" (A401)

FLOOR PLAN LEGEND	
HATCH PATTERN	DESCRIPTION
[Hatch Pattern]	POURED IN PLACE CONCRETE WALL
[Hatch Pattern]	WOOD STUD WALL
[Hatch Pattern]	STONE VENEER

FLOOR FINISH PLAN LEGEND		
HATCH PATTERN	TYPE	DESCRIPTION
[Hatch Pattern]	FT-01	NOT USED
[Hatch Pattern]	FT-02	NOT USED
[Hatch Pattern]	FW-01	WOOD FLOOR
[Hatch Pattern]	FT-04	TERRAZZO TILE
[Hatch Pattern]	FT-05	PORCELAIN TILE PUBLIC RESTROOMS
[Hatch Pattern]	FT-06	FT-07
[Hatch Pattern]	FT-08	PORCELAIN TILE EMPLOYEE RESTROOMS
[Hatch Pattern]	FT-09	FT-10
[Hatch Pattern]	FT-11	FT-12
[Hatch Pattern]	FT-13	PORCELAIN TILE LEVEL 1 RESTROOMS, LOBBY RESTROOM & PRIVATE DINING
[Hatch Pattern]	FT-14	FT-15
[Hatch Pattern]	FT-16	PORCELAIN TILE LEVEL 1 SERVING AREA & BAR
[Hatch Pattern]	FC-01	FLOOR CARPET
[Hatch Pattern]	FR-01	RESILIENT FLOORING
[Hatch Pattern]	FSC-01	CONCRETE

- FLOOR FINISH/ELEVATION GENERAL NOTES**
1. CEILING HEIGHTS MEASURED FROM PLYWOOD OR CONCRETE.
 2. REFER TO ENLARGED PLANS FOR ALL UNIT DIMENSIONS, WINDOW TYPES, DOORS AND WALLS.
 3. REFER TO ENLARGED PLANS FOR ALL DECKS/PATIOS.
 4. COORDINATE WITH ALL ENLARGED PLANS FOR ADDITIONAL INFORMATION AND DETAILS.
 5. ALL TOPPING SLABS MUST BE POURED AFTER ROOF IS COMPLETE AND BUILDING IS DRIED IN COMPLETELY.
 6. SEE SHEET G002 FOR PROJECT GENERAL NOTES. REVIEW ALL NOTES PRIOR TO CONSTRUCTION.
 9. COORDINATE WITH STRUCTURAL FRAMING PLANS AND SHEAR WALL PLANS FOR LOCATIONS OF COLUMNS, BEAMS, SHEAR WALLS, ETC.
 10. COORDINATE WITH ELECTRICAL DRAWINGS FOR ALL LIGHTING, POWER AND DATA REQUIREMENTS.
 11. CABINET INSTALLER TO REVIEW ALL ENLARGED FINISH PLANS, ELEVATIONS, AND CABINET SECTIONS. SEE CABINET SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

KEYNOTES	
FL-17	RECEPTION CASEWORK/COUNTERTOP. REFER TO SCHEDULE
FL-18	FURNITURE BY OWNER
IE-11	RECEPTION DESK AND FURNITURES



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12 NOV 2025

LINFORD DENTAL OFFICE TI

3638 S 700 E # 200
SOUTH SALT LAKE, UT 84106

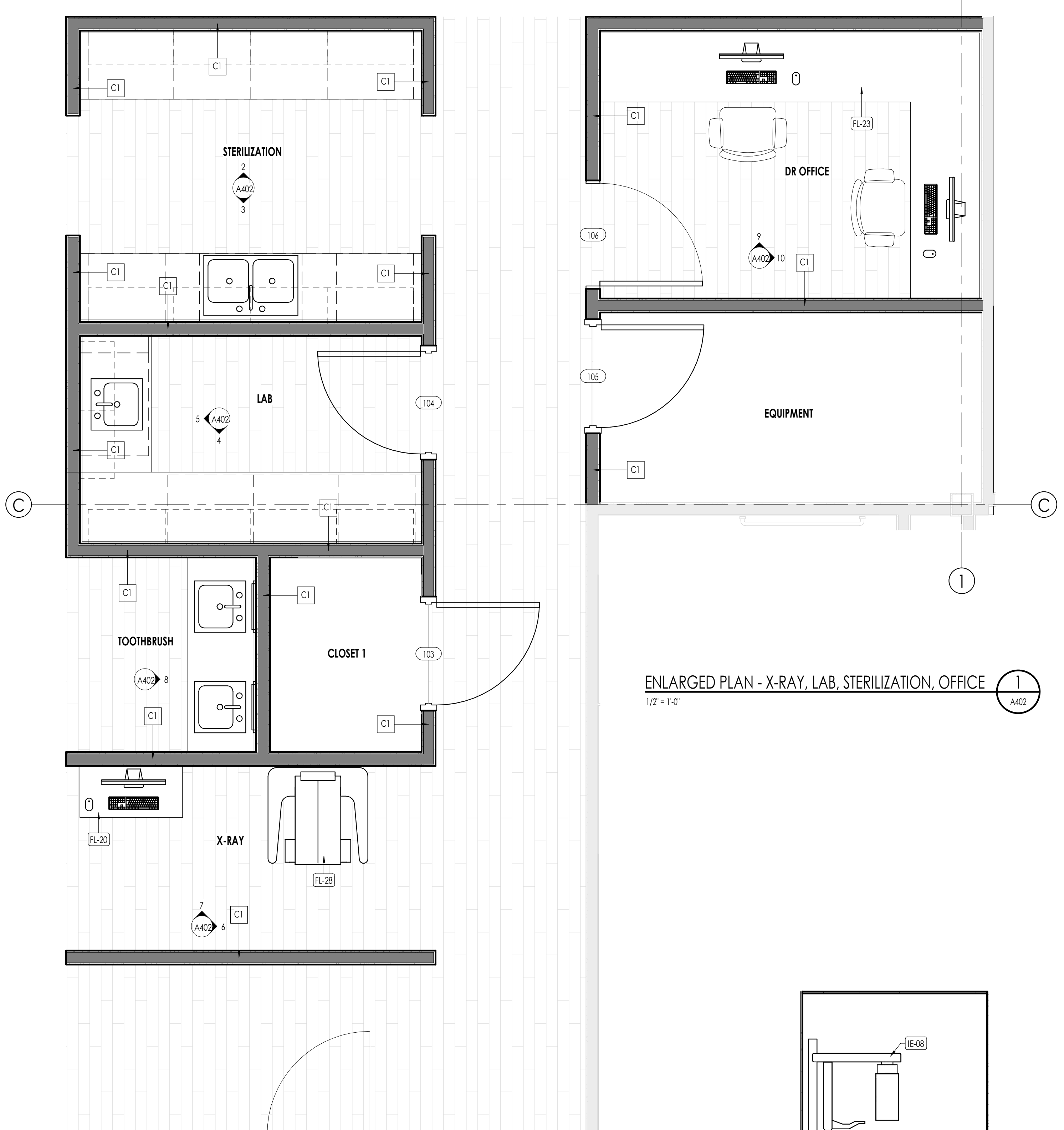
PROJECT NO. 25-053
DATE: 12 NOV 2025

REVISIONS:

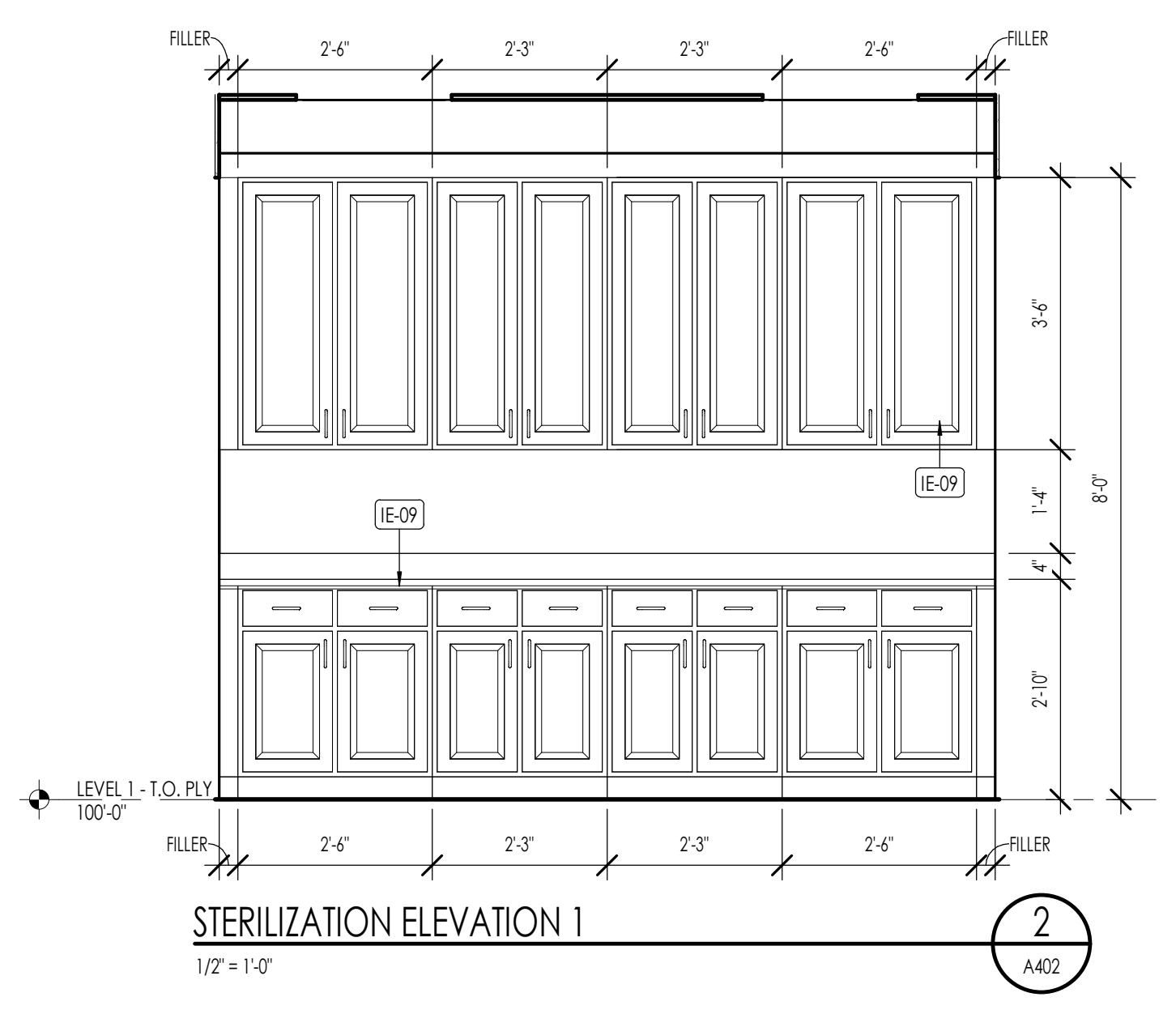
SHEET TITLE:
ENLARGED PLAN AND
INTERIOR ELEVATIONS

SHEET NUMBER:
A401

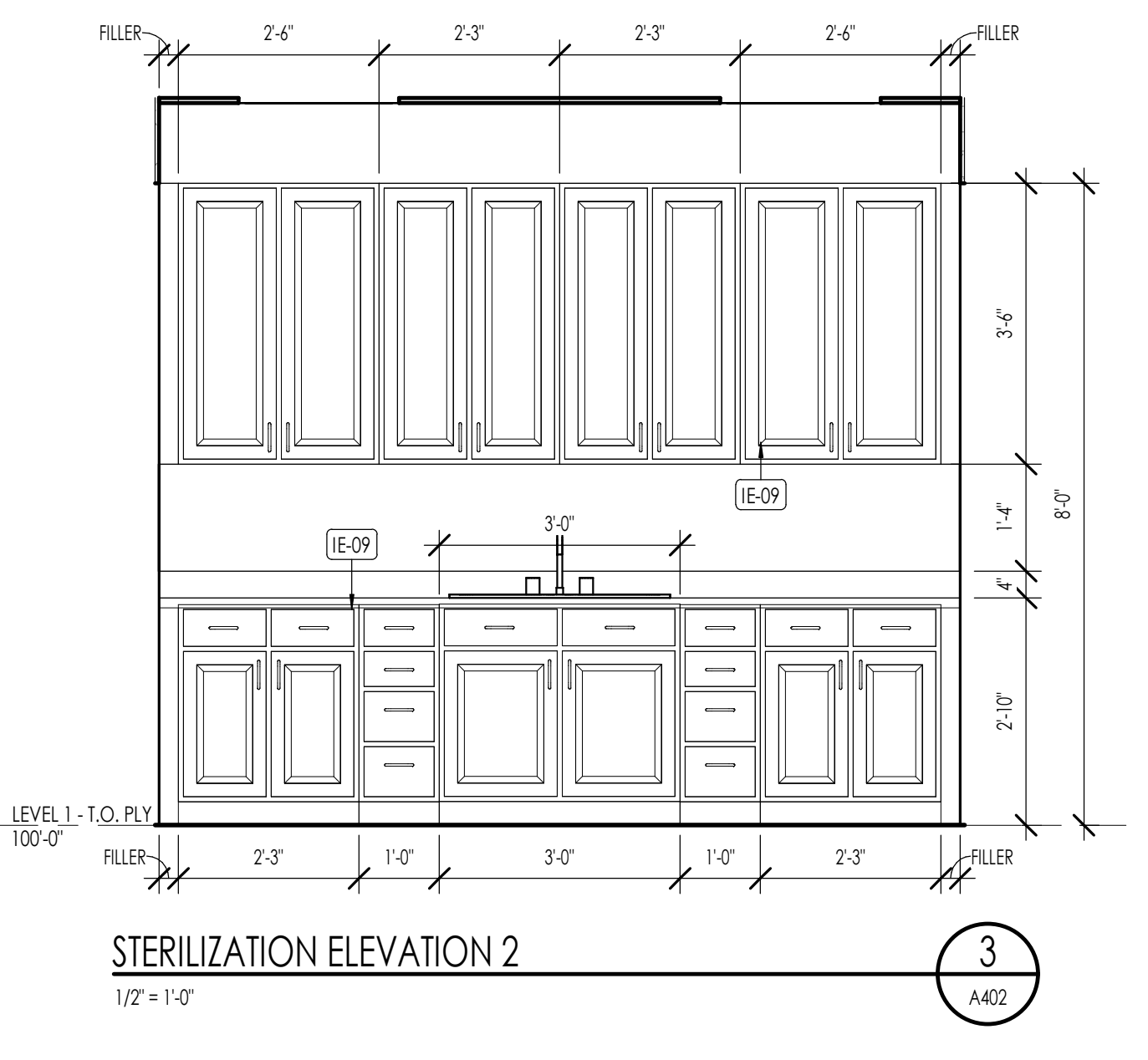
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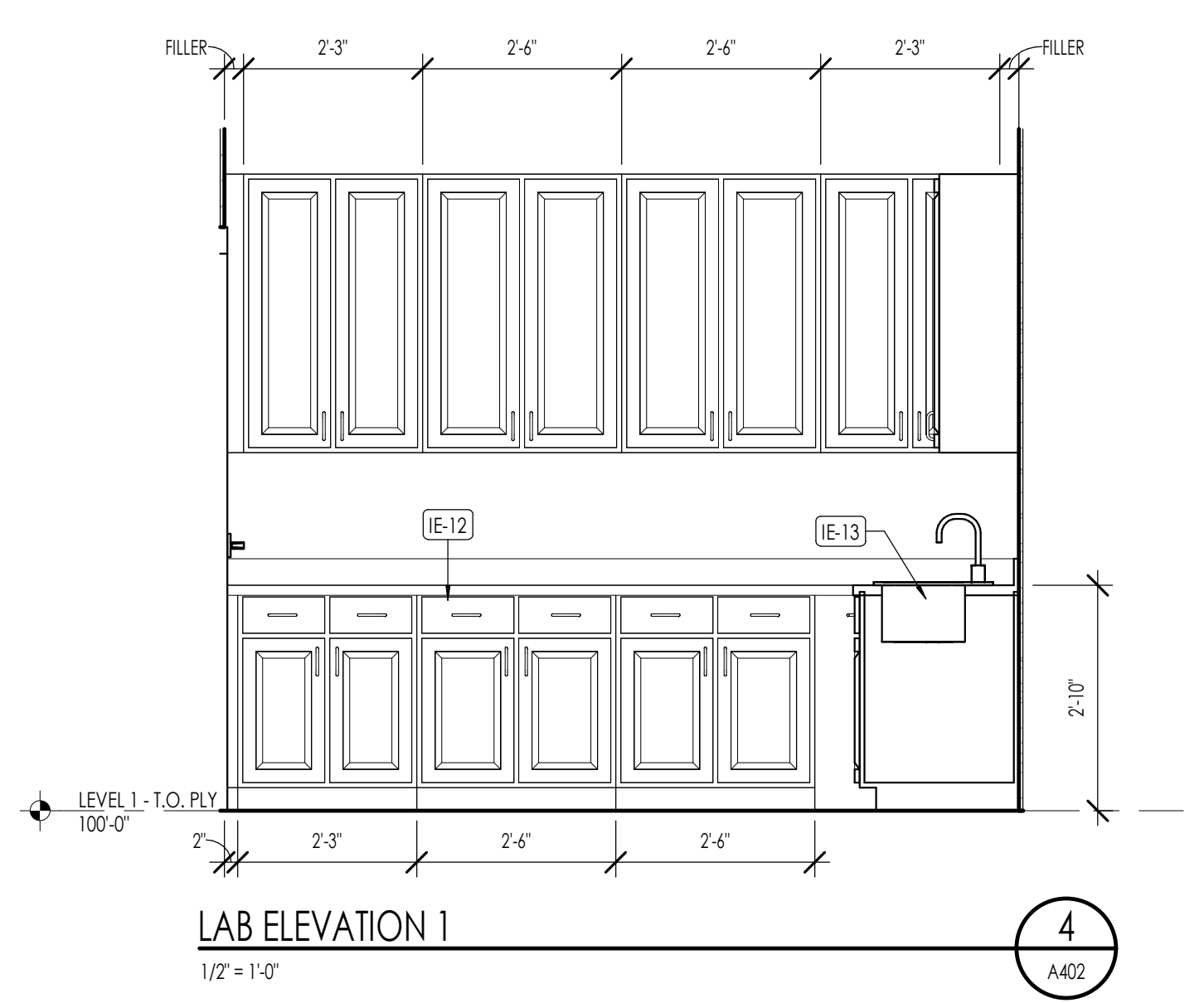
ENLARGED PLAN - X-RAY, LAB, STERILIZATION, OFFICE
1/2" = 1'-0"



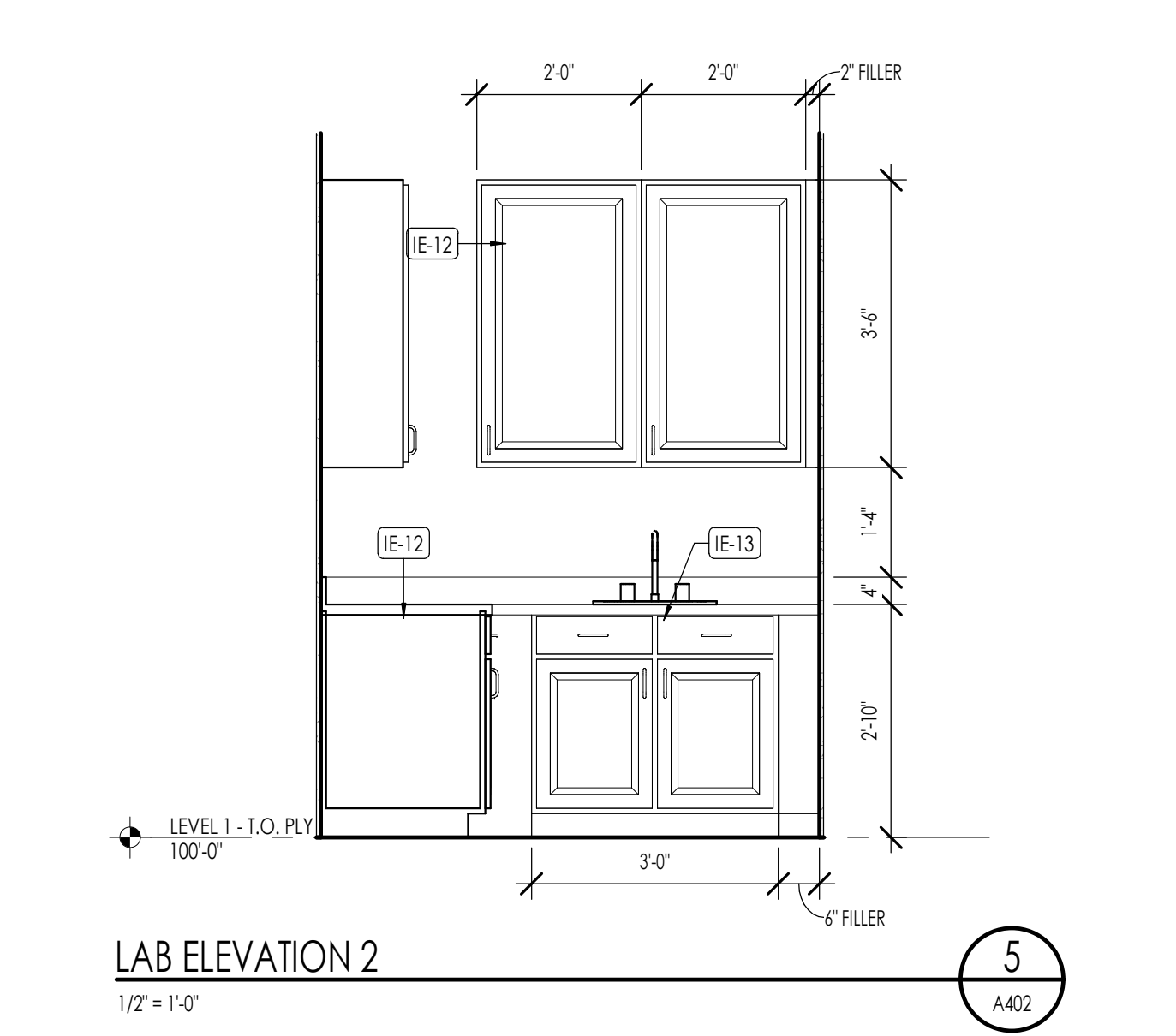
STERILIZATION ELEVATION 1
1/2" = 1'-0"



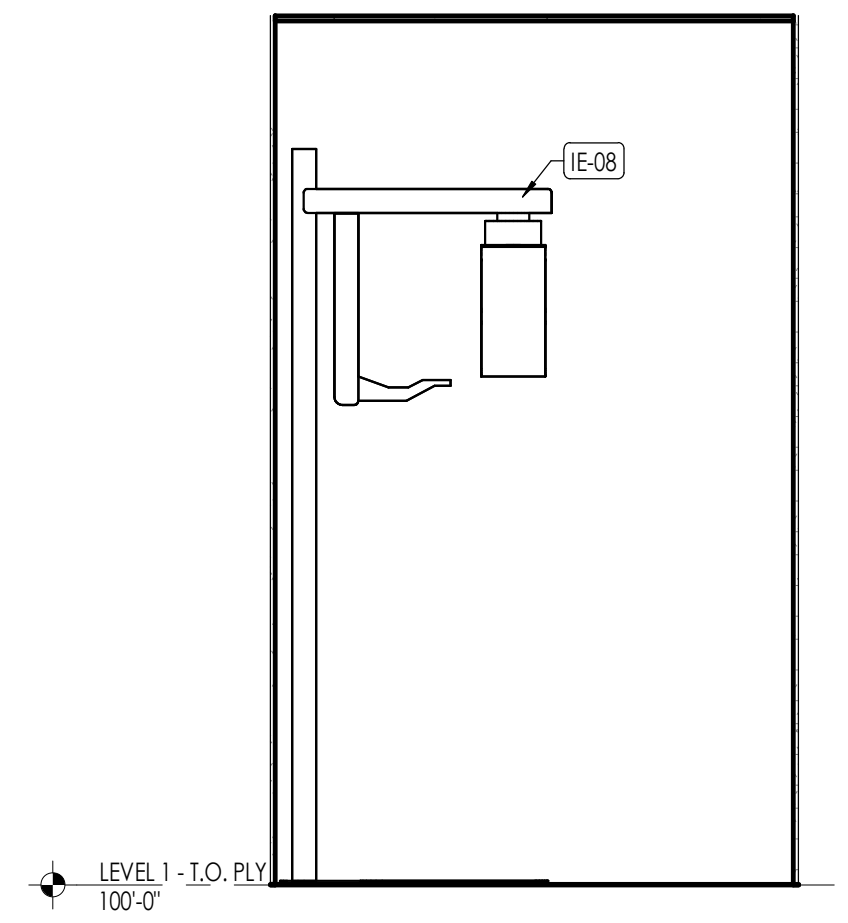
STERILIZATION ELEVATION 2
1/2" = 1'-0"



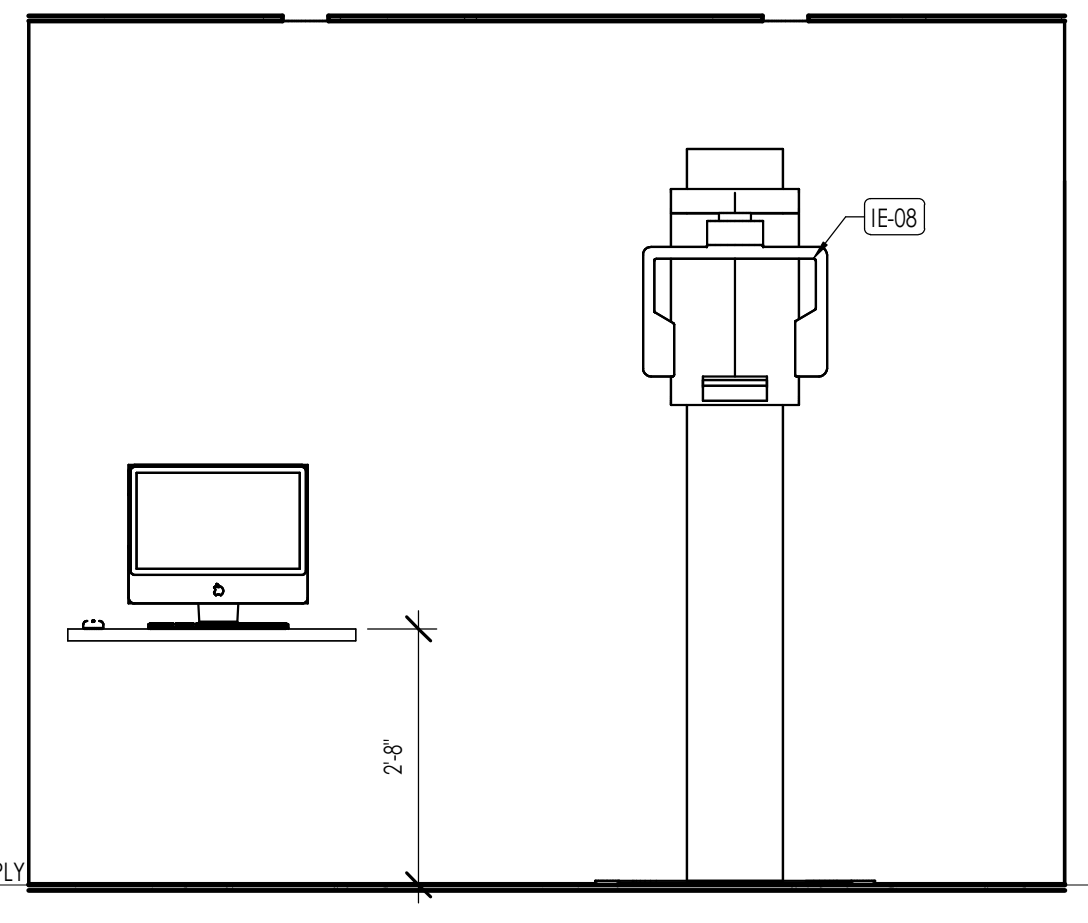
LAB ELEVATION 1
1/2" = 1'-0"



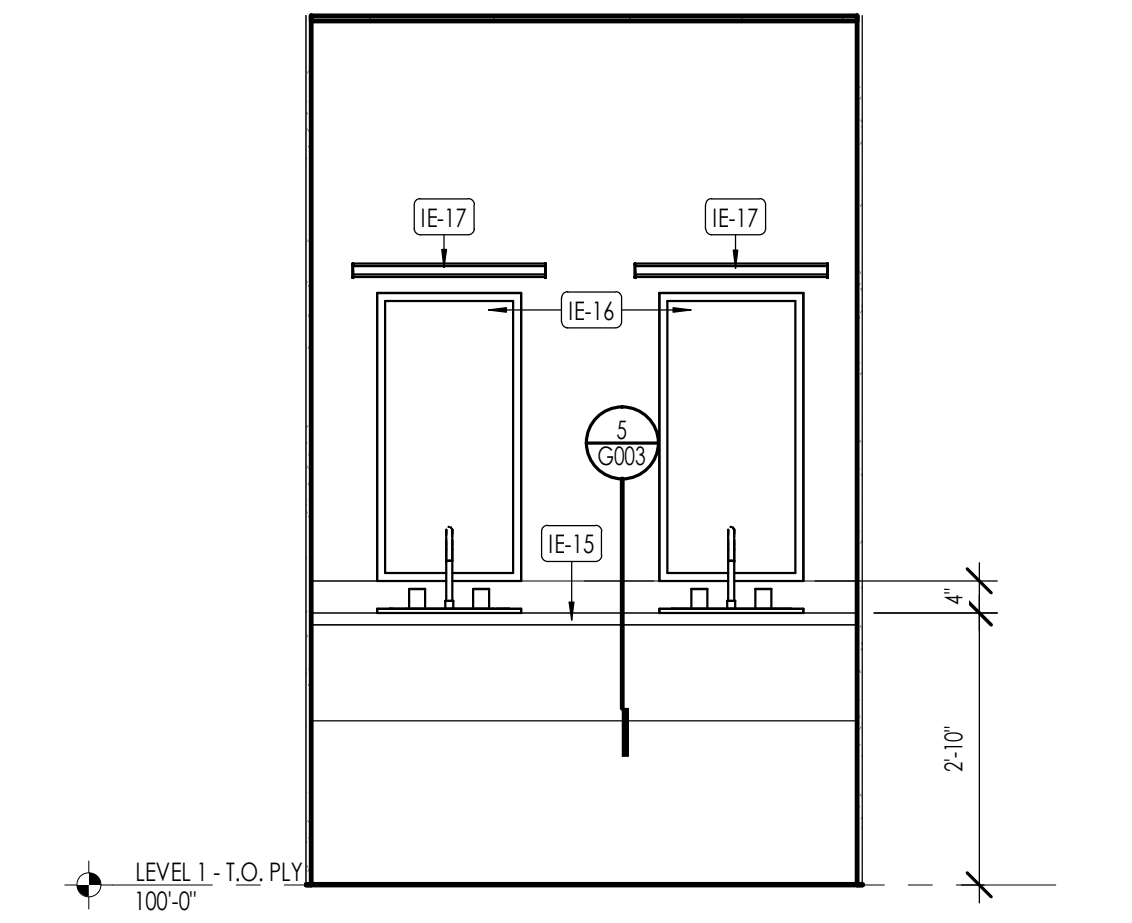
LAB ELEVATION 2
1/2" = 1'-0"



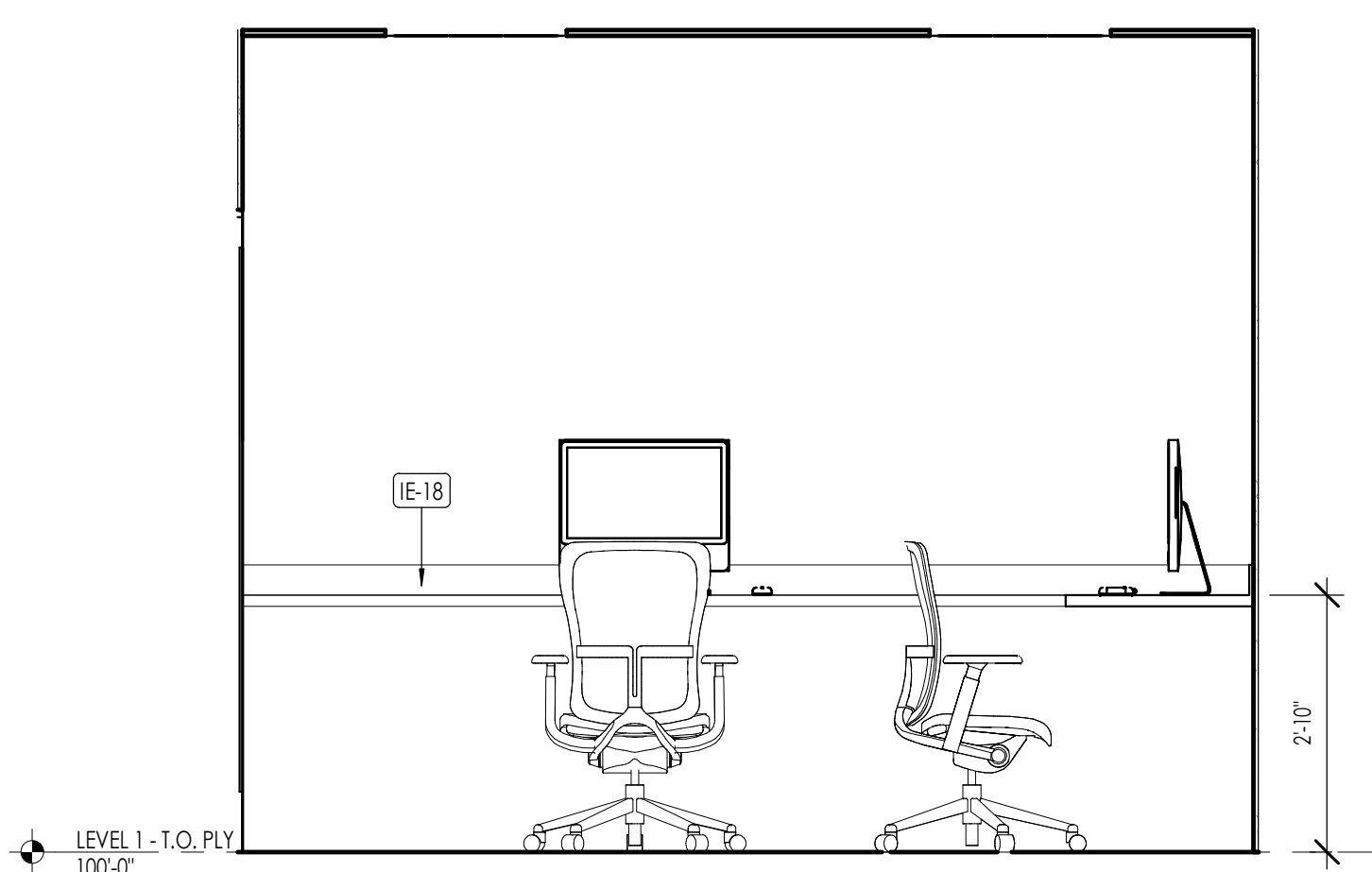
XRAY ELEVATION 1
1/2" = 1'-0"



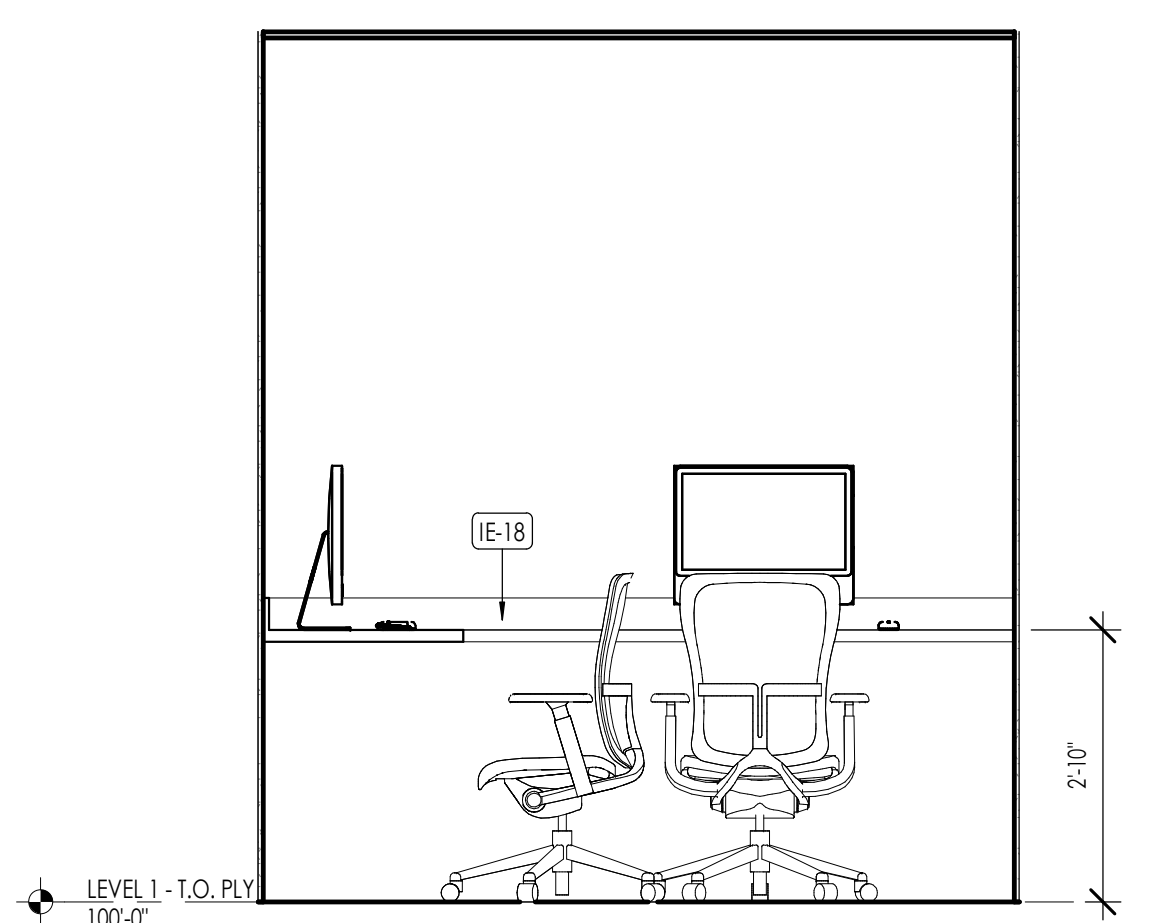
XRAY ELEVATION 2
1/2" = 1'-0"



TOOTH BRUSH ELEVATION
1/2" = 1'-0"



DR OFFICE ELEVATION 1
1/2" = 1'-0"



DR OFFICE ELEVATION 2
1/2" = 1'-0"

FLOOR PLAN LEGEND	
HATCH PATTERN	DESCRIPTION
[Pattern]	POURED IN PLACE CONCRETE WALL
[Pattern]	WOOD STUD WALL
[Pattern]	STONE VENEER

FLOOR FINISH PLAN LEGEND	
HATCH PATTERN	TYPE DESCRIPTION
[Pattern]	FT-01 NOT USED
[Pattern]	FT-02
[Pattern]	FW-01 WOOD FLOOR
[Pattern]	FT-04 TERRAZZO TILE
[Pattern]	FT-05 PORCELAIN TILE PUBLIC ELEVATORS
[Pattern]	FT-06
[Pattern]	FT-07
[Pattern]	FT-08 PORCELAIN TILE EMPLOYEE RESTROOMS
[Pattern]	FT-09
[Pattern]	FT-10
[Pattern]	FT-11
[Pattern]	FT-12 PORCELAIN TILE LEVEL 1 RESTROOMS, LOBBY RESTROOM & PRIVATE DINING
[Pattern]	FT-13
[Pattern]	FT-14 PORCELAIN TILE LEVEL 1 SERVING AREA & BAR
[Pattern]	FT-15
[Pattern]	FT-16 PORCELAIN TILE LEVEL 1 DINING
[Pattern]	FC-01 FLOOR CARPET
[Pattern]	FR-01 RESILIENT FLOORING
[Pattern]	FSC-01 CONCRETE

- FLOOR FINISH/ELEVATION GENERAL NOTES**
1. CEILING HEIGHTS MEASURED FROM PLYWOOD OR CONCRETE.
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 3. REFER TO ENLARGED PLANS FOR ALL DECKS/PATIOS.
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KEYNOTES	
FL-20	X-RAY COUNTERTOP
FL-23	DOCTOR'S OFFICE COUNTERTOP
FL-28	X-RAY MACHINE
IE-08	X-RAY MACHINE
IE-09	STERILIZATION CASEWORK/COUNTERTOP
IE-12	LABORATORY CASEWORK/COUNTERTOP
IE-13	LABORATORY PLUMBING FIXTURE. REFER TO PLUMBING
IE-15	TOOTHBRUSH AREA COUNTERTOP WITH PLUMBING FIXTURE
IE-16	WALL MOUNTED MIRROR
IE-17	WALL MOUNTED LINEAR LIGHT
IE-18	DOCTOR'S OFFICE COUNTERTOP



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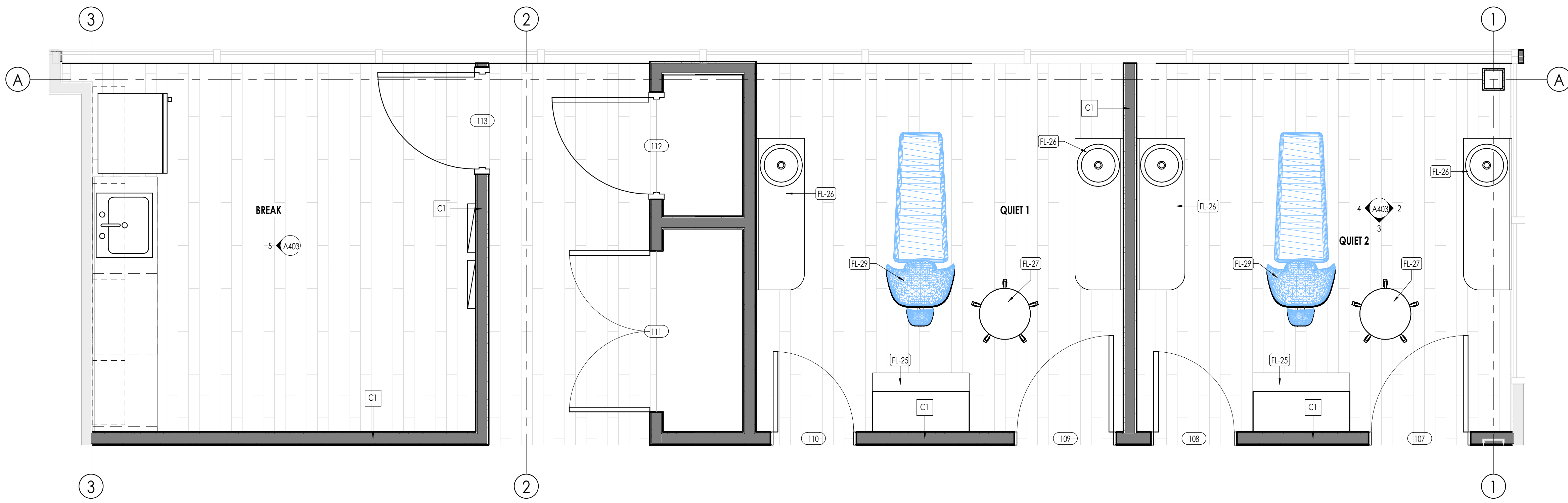


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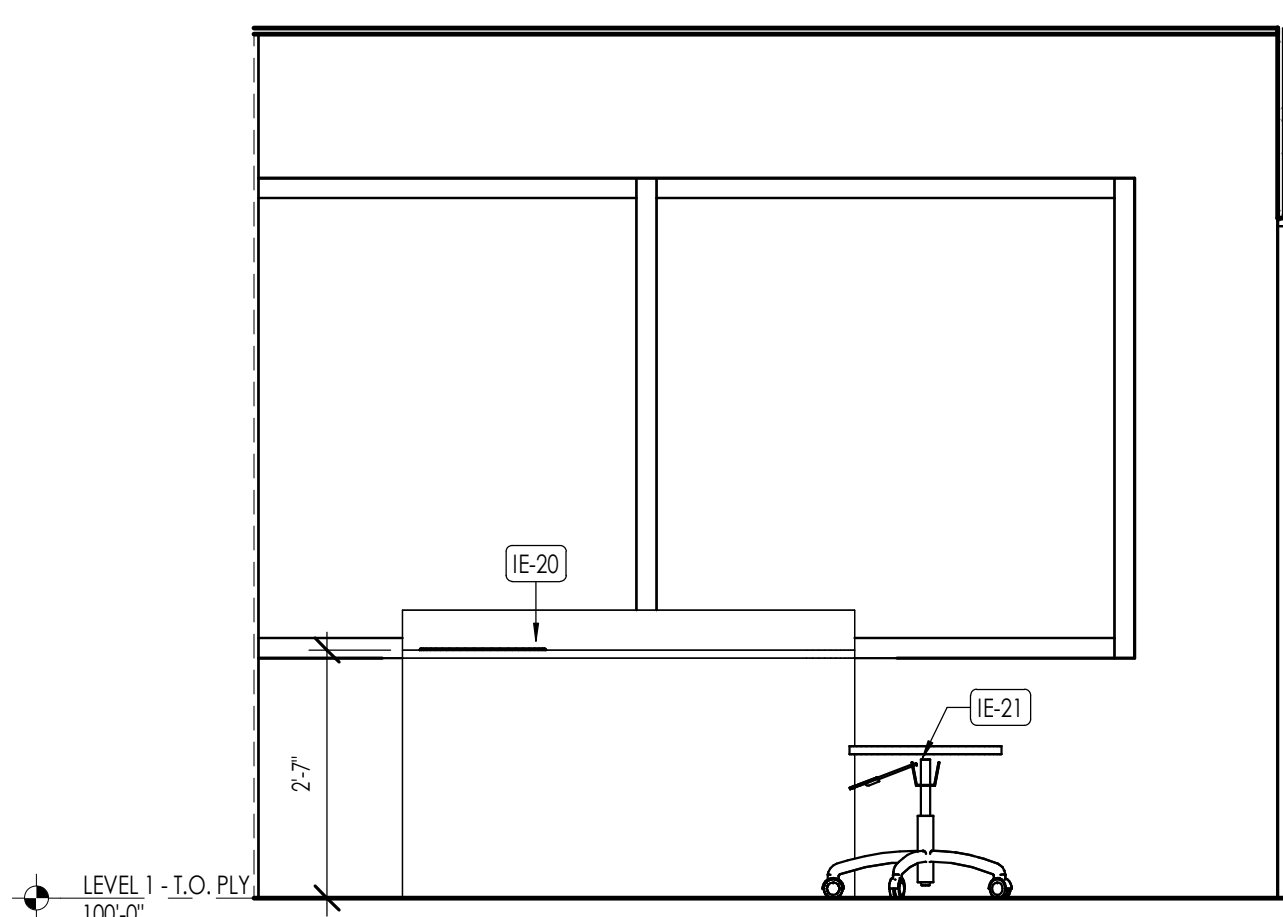
3838 S. 700 E. #200
SOUTH SALT LAKE, UT 84106

PROJECT NO. 25-053
DATE: 12 NOV 2025
REVISIONS:

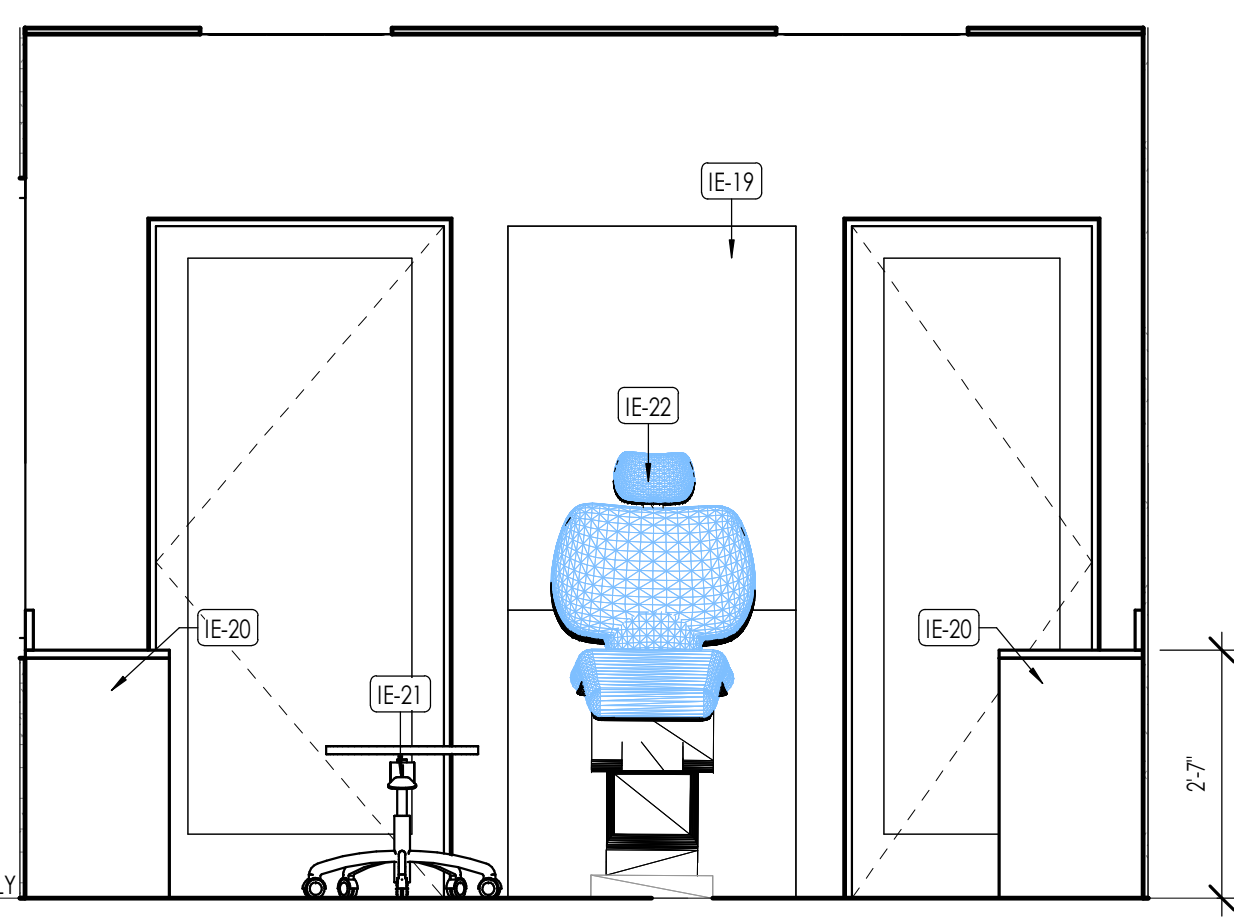
DRAWING STATUS: ENLARGED PLAN AND INTERIOR ELEVATIONS
SHEET NUMBER: A402
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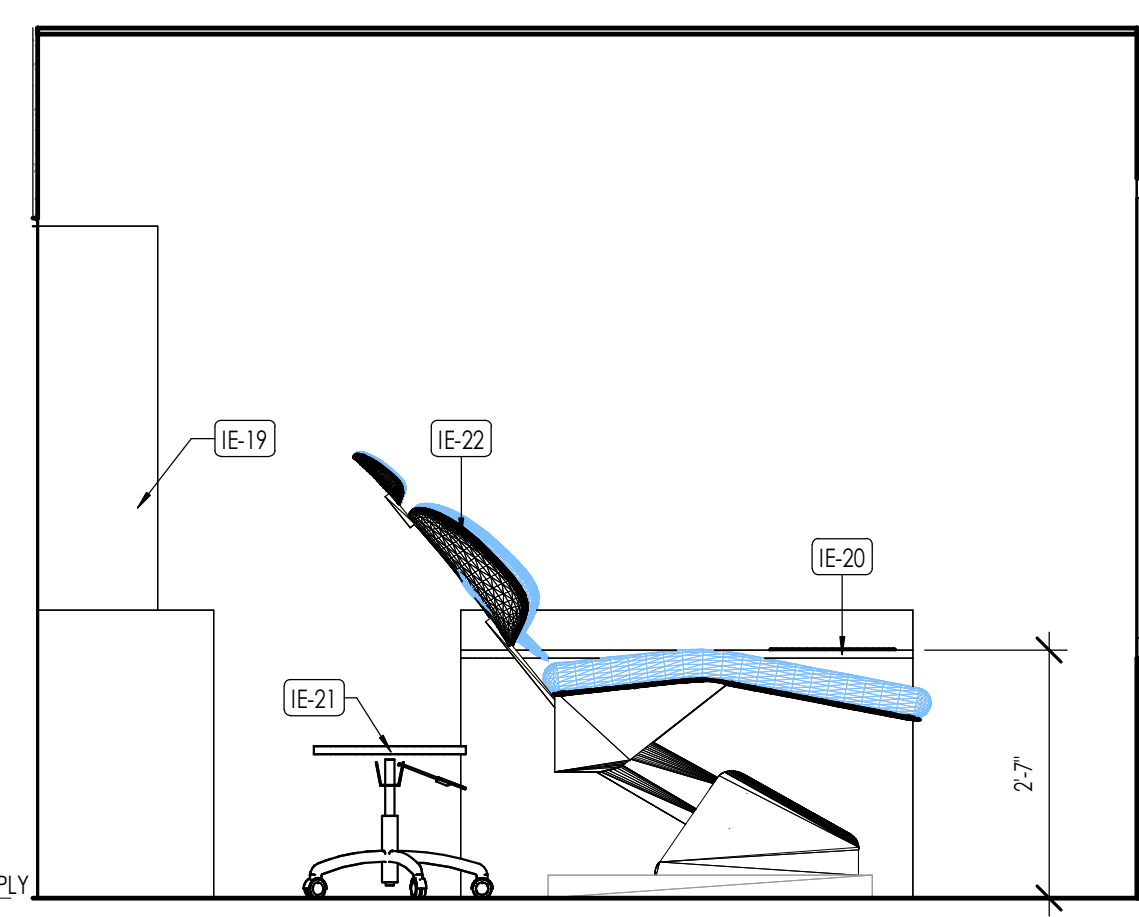
ENLARGED PLAN - BREAK ROOM, QUIET ROOM 1 & 2
1/2" = 1'-0"



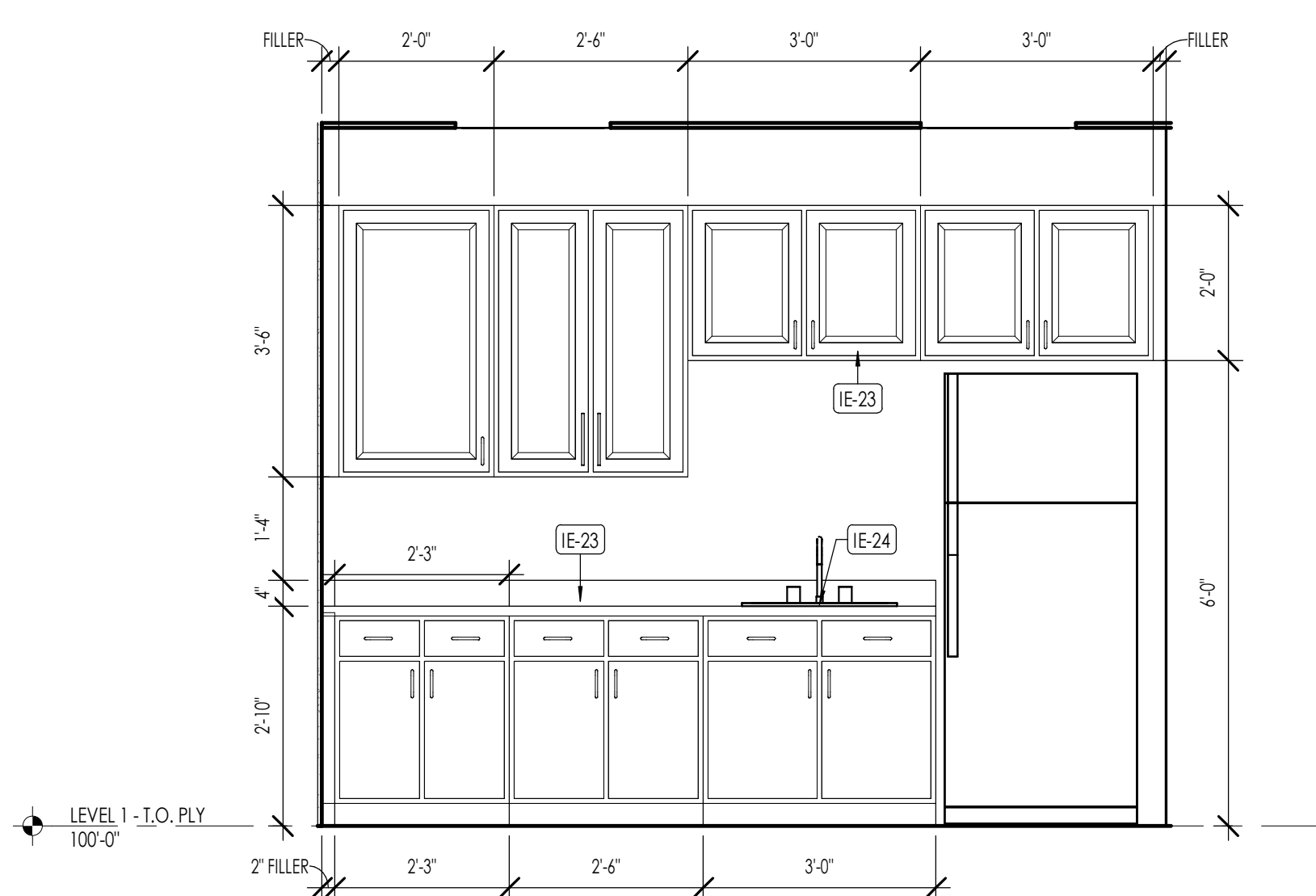
QUIET ROOM ELEVATION 1 TYP.
1/2" = 1'-0"



QUIET ROOM ELEVATION 2 TYP.
1/2" = 1'-0"



QUIET ROOM ELEVATION 3 TYP.
1/2" = 1'-0"



BREAK ROOM ELEVATION 1
1/2" = 1'-0"

FLOOR PLAN LEGEND	
HATCH PATTERN	DESCRIPTION
[Hatch Pattern]	POURED IN PLACE CONCRETE WALL
[Hatch Pattern]	WOOD STUD WALL
[Hatch Pattern]	STONE VENEER

FLOOR FINISH PLAN LEGEND		
HATCH PATTERN	TYPE	DESCRIPTION
[Hatch Pattern]	FT-01	NOT USED
[Hatch Pattern]	FT-02	NOT USED
[Hatch Pattern]	FW-01	WOOD FLOOR
[Hatch Pattern]	FT-04	TERRAZZO TILE
[Hatch Pattern]	FT-05	PORCELAIN TILE PUBLIC ELEVATORS
[Hatch Pattern]	FT-06	
[Hatch Pattern]	FT-07	
[Hatch Pattern]	FT-08	PORCELAIN TILE EMPLOYEE RESTROOMS
[Hatch Pattern]	FT-09	
[Hatch Pattern]	FT-10	
[Hatch Pattern]	FT-11	
[Hatch Pattern]	FT-12	PORCELAIN TILE LEVEL 1 RESTROOMS, LOBBY RESTROOM & PRIVATE DINING
[Hatch Pattern]	FT-13	PORCELAIN TILE LEVEL 1 SERVING AREA & BAR
[Hatch Pattern]	FT-14	
[Hatch Pattern]	FT-15	
[Hatch Pattern]	FT-16	PORCELAIN TILE LEVEL 1 DINING
[Hatch Pattern]	FC-01	FLOOR CARPET
[Hatch Pattern]	FR-01	RESILIENT FLOORING
[Hatch Pattern]	FSC-01	CONCRETE

FLOOR FINISH/ELEVATION GENERAL NOTES

- CEILING HEIGHTS MEASURED FROM PLYWOOD OR CONCRETE.
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- CABINET INSTALLER TO REVIEW ALL ENLARGED FINISH PLANS, ELEVATIONS, AND CABINET SECTIONS. SEE CABINET SHOP DRAWINGS FOR ADDITIONAL INFORMATION.

KEYNOTES

FL-25	12 O'CLOCK CABINET
FL-26	SIDE CABINET WORKING
FL-27	DENTAL ASSISTANT CHAIR
FL-29	DENTAL CHAIR. SEE EQUIPMENT PLANS.
E-19	12 O'CLOCK CABINET
E-20	DENTAL SIDE TABLE WITH LAVATORY
E-21	DENTAL ASSISTANT CHAIR
E-22	DENTAL CHAIR
E-23	STAFF/BREAK ROOM CASEWORK/COUNTERTOP. REFER TO SCHEDULE
E-24	STAFF/BREAK ROOM PLUMBING FIXTURE. REFER TO PLUMBING



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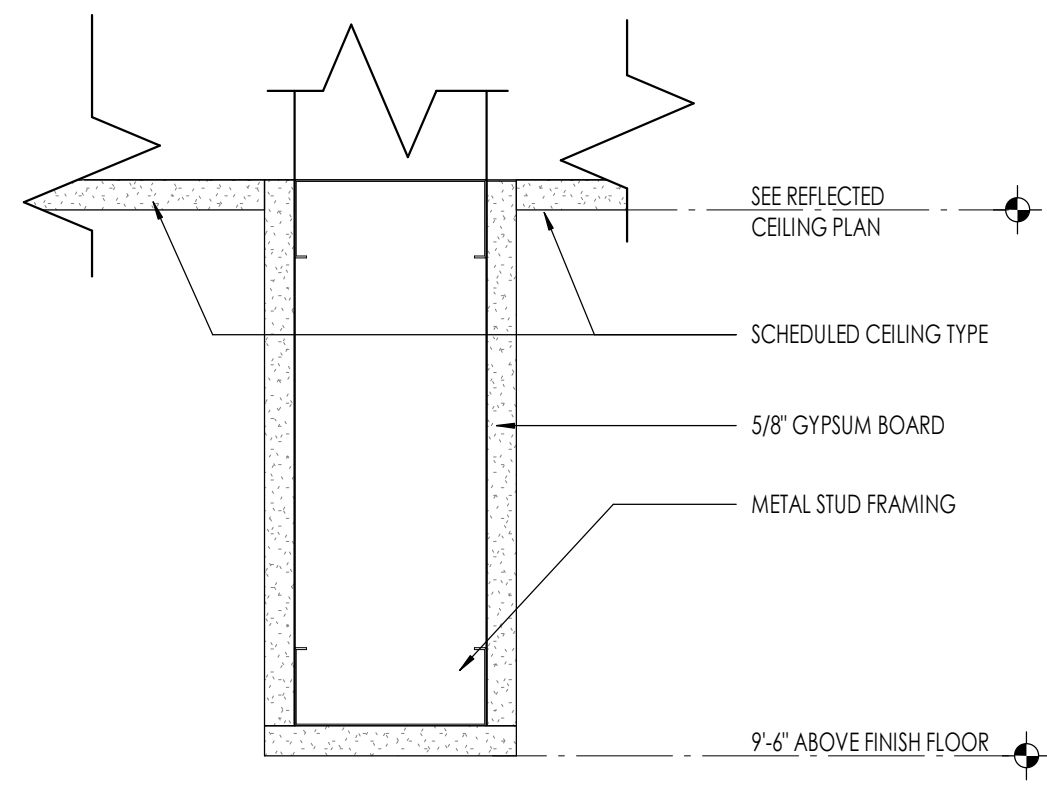
REVISIONS:

SHEET TITLE:
ENLARGED PLAN AND
INTERIOR ELEVATIONS

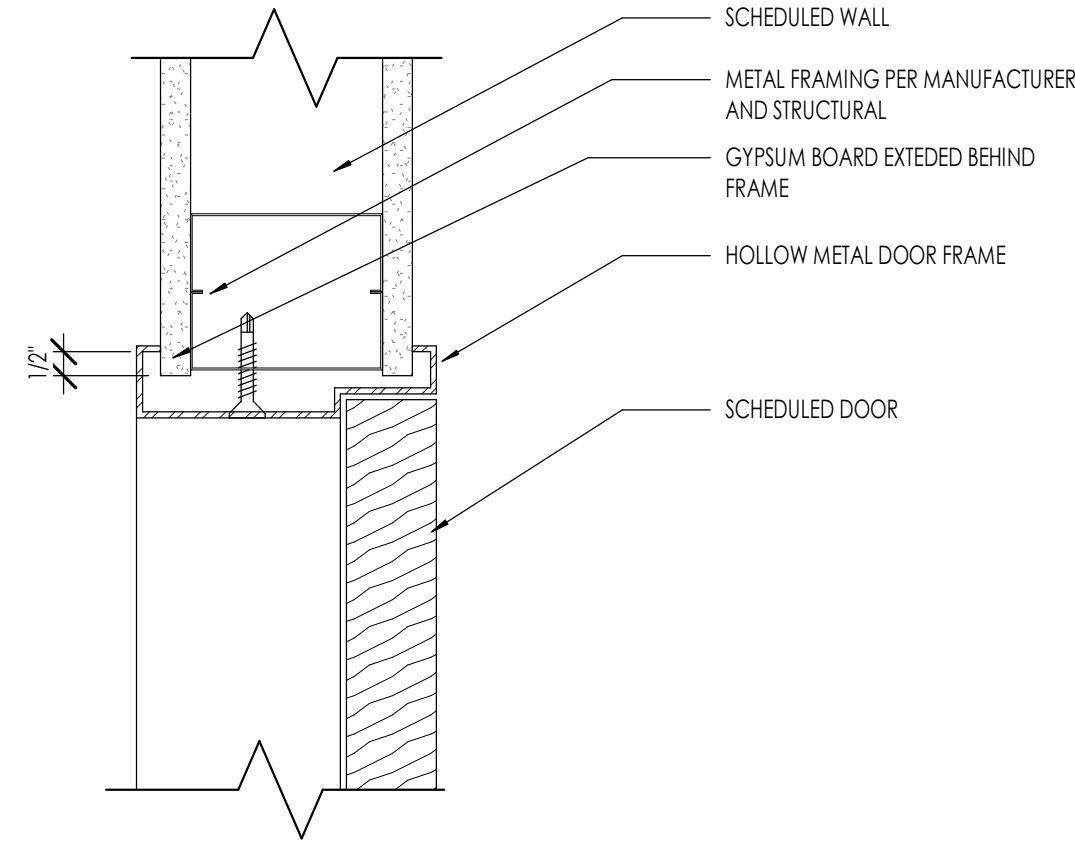
SHEET NUMBER:
A403

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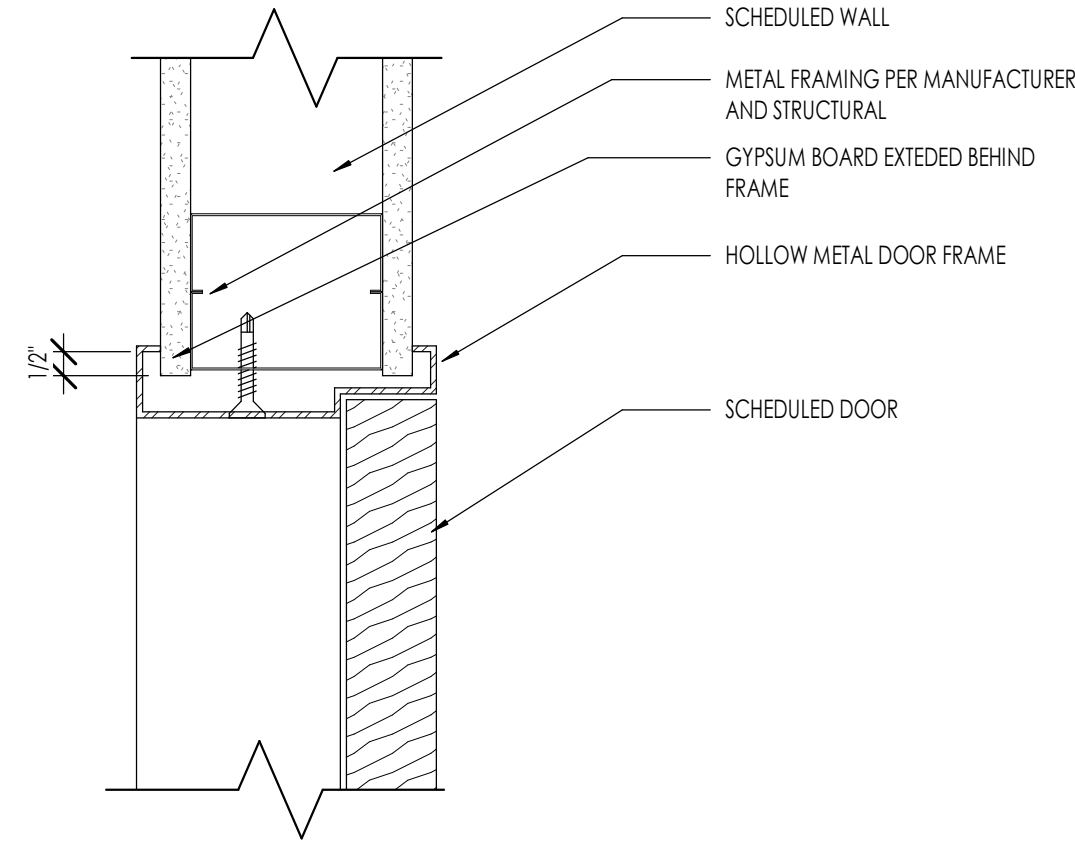
DRAWING STATUS



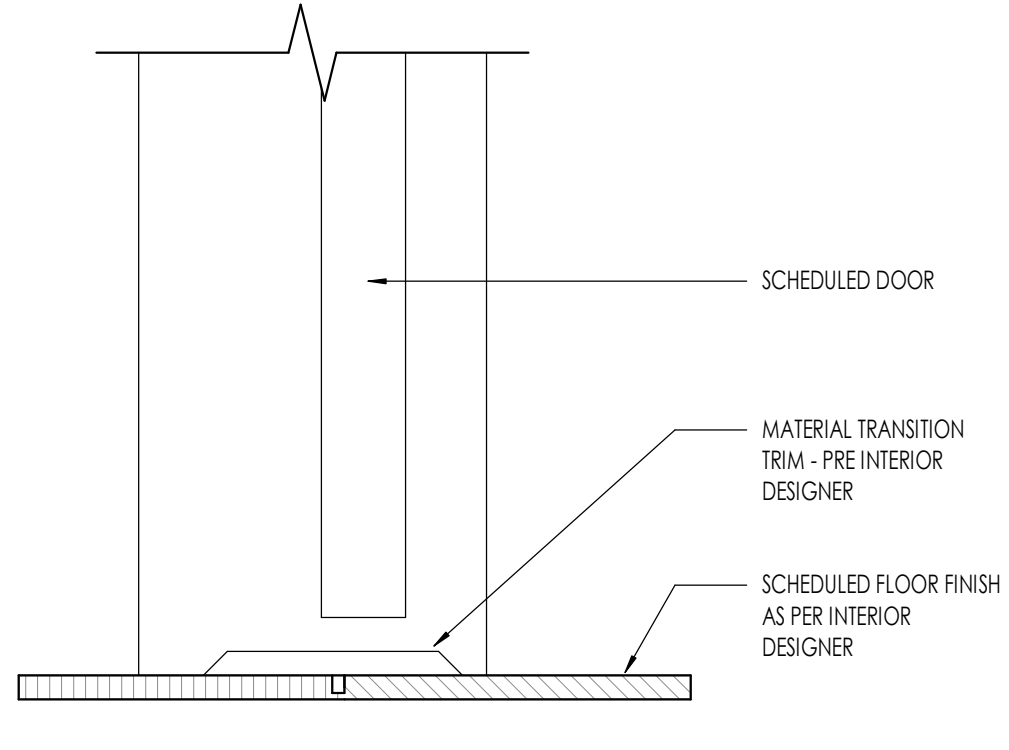
BULKHEAD
3" = 1'-0"



1 DOOR HEAD IN HM FRAME
3" = 1'-0"



2 DOOR JAMB IN HM FRAME
3" = 1'-0"



3 THRESHOLD DETAIL - DOOR
3" = 1'-0"



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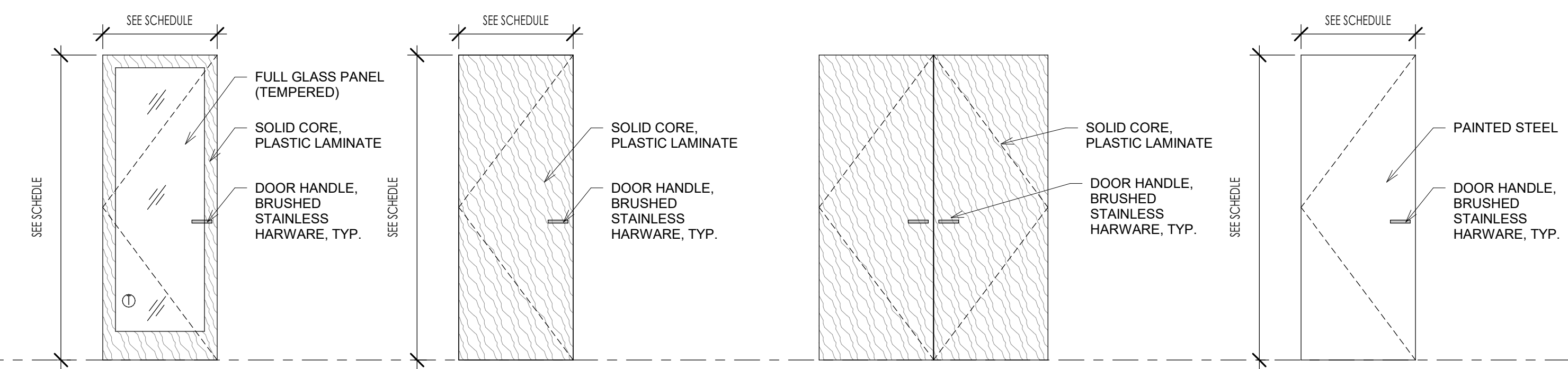
REVISIONS:

DRAWING STATUS
SHEET TITLE: ARCHITECTURAL DETAILS
SHEET NUMBER: A501
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DOOR SCHEDULE

MARK	DOOR						FRAME						HARDWARE	REMARKS
	SIZE			MATERIAL	TYPE	FINISH	DETAILS			MATERIAL	TYPE	FINISH		
	WIDTH	HEIGHT	THICKNESS				HEAD	JAMB	SILL					
101	3'-0"	7'-0"		GLASS	D1								HS	KEYED
102	3'-0"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H3	
103	3'-0"	7'-0"	1 3/4"	SOLID CORE	D2	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
104	3'-0"	7'-0"	1 3/4"	SOLID CORE	D2	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
105	3'-0"	7'-0"	1 3/4"	SOLID CORE	D2	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
106	3'-0"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H3	
107	3'-0"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
108	2'-6"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
109	3'-0"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
110	2'-6"	7'-0"	1 3/4"	SOLID CORE	D1	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	
111	5'-0"	7'-0"	1 3/4"	SOLID CORE	D3	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H4	PASSAGE
112	3'-0"	7'-0"	1 3/4"	STEEL	D2	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H3	20 MIN RATED
113	3'-0"	7'-0"	1 3/4"	SOLID CORE	D2	PLAM	2/A501	3/A501	4/A501	HM	F1	PAINTED	H1	

DOOR TYPES



TYPE D1

DOOR: SOLID CORE, SINGLE PANEL WITH WOOD-LOOK PLASTIC LAMINATE VENTER, WITH FULL GLASS PANEL, CLEAR BIRCH FINISH OR AS SELECTED BY OWNER.
FRAME: HOLLOW METAL - F3 FRAME 1 3/4" THICK.

TYPE D2

DOOR: SOLID CORE, SINGLE PANEL WITH WOOD-LOOK PLASTIC LAMINATE VENTER, CLEAR BIRCH FINISH OR AS SELECTED BY OWNER.
FRAME: HOLLOW METAL - F3 FRAME 1 3/4" THICK.

TYPE D3

DOOR: SOLID CORE, SINGLE PANEL WITH WOOD-LOOK PLASTIC LAMINATE VENTER, CLEAR BIRCH FINISH OR AS SELECTED BY OWNER.
FRAME: HOLLOW METAL - F3 FRAME 1 3/4" THICK.

TYPE D4

DOOR: PAINTED STEEL DOOR, 20 MIN RATING.
FRAME: HOLLOW METAL - F3 FRAME 1 3/4" THICK.

HARDWARE GROUPS

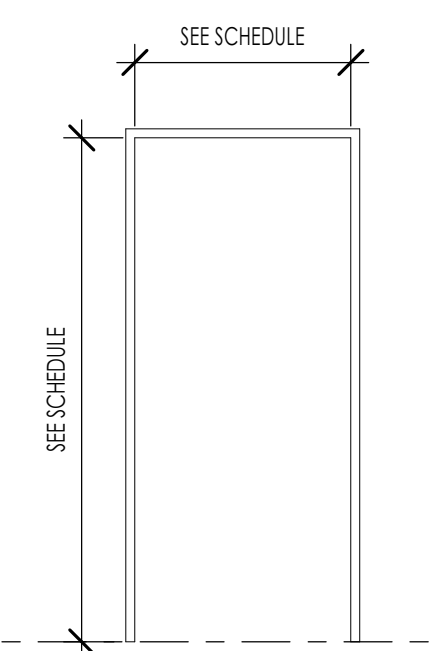
FRAME TYPES

GLASS PARTITION SYSTEM

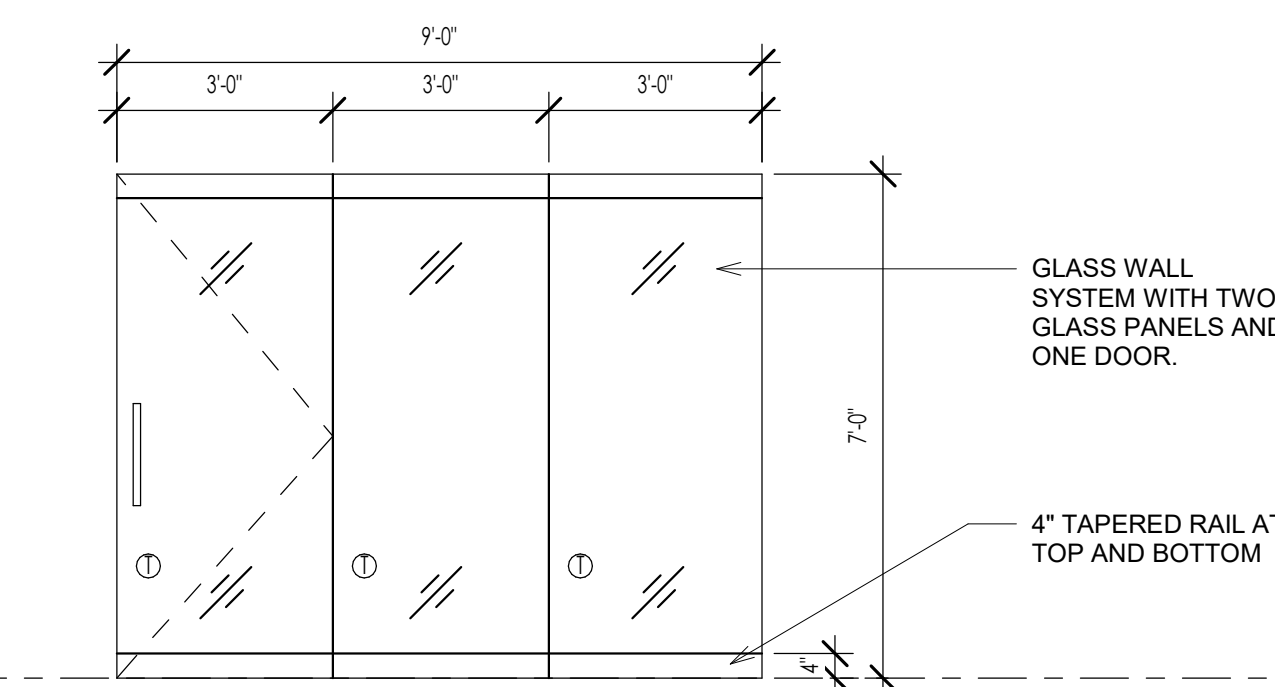
DOOR SCHEDULE GENERAL NOTES

- SEE SHEET A601 FOR DOOR AND FRAME TYPES.
- CONTRACTOR SHALL VERIFY ALL DOOR OPENINGS PRIOR TO ORDERING ALL DOORS.
- CONTRACTOR SHALL SUBMIT COMPLETE DOOR AND HARDWARE SHOP DRAWINGS AND SUBMITTALS FOR APPROVAL FOR EACH BUILDING PRIOR TO ORDERING AND TAKING RECEIPT OF DOOR ORDER. ARCHITECT SHALL REVIEW ALL DOORS FOR COMPLIANCE SPECIFICATIONS AND BUILDING CODE.
- ALL DOORS REQUIRED TO BE RATED SHALL HAVE APPROPRIATE U.L. RATINGS AS INDICATED IN DOOR SCHEDULE AND SPECIFICATION. ALL DOORS SHALL HAVE LABEL ON DOOR AND FRAME FOR INSPECTION ON SITE, AND SHALL NOT BE REMOVED.
- ALL DOORS SHALL BE INSTALLED SO AS NOT TO HAVE MORE THAN 1/2" THRESHOLD AT EACH DOOR.
- SEE SPECS FOR HARDWARE SCHEDULE.
- REFER TO INTERIOR DESIGNER FOR CORRECT DOOR STYLES, SPECIES, AND FINISHES.
- OPENINGS BETWEEN GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOOR NOT LESS THAN 1 3/8 INCHES THICK, SOLID HONEYCOMB CORE STEEL, DOORS NOT LESS THAN 1 3/8 INCHES THICK, OR 20 MINUTE FIRE RATED DOORS. SEE I.R.C. SECTION R302.5.1.

- H1 INTERIOR DOOR (PASSAGE)**
 - 3 PAIR HINGES
 - 1 PASSAGE SET
- H2 INTERIOR DOOR (PRIVACY)**
 - 3 PAIR HINGES
 - 1 PRIVACY SET
- H3 INTERIOR DOOR (KEYED)**
 - 3 PAIR HINGES
 - 1 KEYED SET
- H4 INTERIOR DOUBLE DOOR**
 - 6 PAIR HINGES
 - 2 KNOBS (SINGLE SIDE ONLY)
- H5 GLASS DOOR**
 - PER MANUFACTURER



TYPE F1



TYPE GP1

SYSTEM DESCRIPTION:
GLASS-TO-GLASS JOINT, FRAMELESS PARTITION SYSTEM, 4" TOP AND BOTTOM TAPERED RAILS, BRUSHED STAINLESS RAILS AND DOOR HARDWARE. HARDWARE SHALL BE PROVIDED BY MANUFACTURER. SHALL BE TAPERED GLASS.

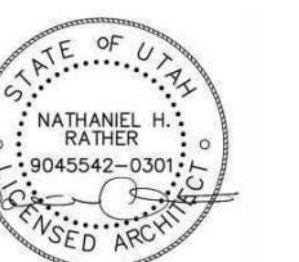


Architecture
Interior Design
Landscape Architecture
Land Planning
Construction Management

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12 NOV 2025

LINFORD DENTAL OFFICE TI

3838 S 700 E #200
SOUTH SALT LAKE, UT 84106

PROJECT NO. 25-053
DATE: 12 NOV 2025

REVISIONS:

SHEET TITLE:
DOOR SCHEDULE & ELEVATIONS

SHEET NUMBER:
A601

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LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLTS	LAMPS	MOUNTING	VA	NOTES	
				QTY	MODEL				
F1	2'x4' LED TROFFER	LITHONIA	CPX 2X4 4000LM 80CRI 35K A12 MIN10 ZT	1VOLT	LED SUPPLIED W/UNIT	RECESSED	40		
F1E	2'x4' LED TROFFER W/EM. BAT.	LITHONIA	CPX 2X4 4000LM 80CRI 35K A12 MIN10 ZT E10WLCP	1VOLT	LED SUPPLIED W/UNIT	RECESSED	40		
F2	10'x4' LED SURFACE WRAP	LITHONIA	LBL4 4800LM 80CRI 35K MINT GZ1	1VOLT	LED SUPPLIED W/UNIT	SURFACE	41		
F2E	10'x4' LED SURFACE WRAP W/EM. BAT.	LITHONIA	LBL4 4800LM 80CRI 35K MINT GZ1 E10WLCP	1VOLT	LED SUPPLIED W/UNIT	SURFACE	41		
F3	8" LED DOWNLIGHT	LITHONIA	LDN8 35/10 L06 AR LSS 120 GZ1	1VOLT	LED FURNISHED	RECESSED	13		
F3E	8" LED DOWNLIGHT W/EM. BAT.	LITHONIA	LDN8 35/10 L06 AR LSS 120 GZ1 ELS	1VOLT	LED FURNISHED	RECESSED	13		
F4	EXIT LUMINAIRE	ISOLITE	RL-EM-G-UWH-MTEB-SD	1VOLT	LED INCLUDED	CEILING/WALL 7-8" AFF	5		

NOTES: THE FIXTURES LISTED IN THIS SCHEDULE REPRESENT THE QUALITY AND TYPE OF FIXTURES DESIRED. EQUALS OF THOSE MANUFACTURERS NOTED IN THE REMARKS ARE ACCEPTED. FOR THOSE FIXTURES WITHOUT A MANUFACTURE DESIGNATION IN THE REMARK COLUMN THE SUPPLIER MAY SUBMIT A FIXTURE THEY BELIEVE TO BE EQUAL TO THE ONE SPECIFIED. TO BE ACCEPTABLE THE FIXTURES SUBMITTED MUST BE OF THE SAME TYPE AND MATERIAL AS THAT SPECIFIED AND MUST RECEIVE APPROVAL FROM THE ENGINEER BY ADDENDUM PRIOR TO BID.

L1		VOLTAGE		MOUNTING		FEED		DIMS.		SPECIAL EQUIPMENT						
PANEL	EXISTING	208 / 120				100	20" W			X	GROUND BUS					
TYPE	BREAKROOM	PHASE	3 WIRES	4	X FLUSH	TOP	LUGS	5.75" D			SUB-FEED BRKR					
LOCATION	AIC	AMPS				X	BREAKER	50" H			NEMA 3R					
CIR NO.	CIRCUIT DESCRIPTION	CODE	OUTLETS	BRKR	WIRE	CIRCUIT	LOAD	SIZE	PT	MIS	CO	LTS	CODE	DESCRIPTION	CIR NO.	
1	PATIENT CHAIR - QUIET 1		2	11	20	12	900	1700							FRIDGE	2
3	PATIENT CHAIR - QUIET 2		2	11	20	12	900							COFFEE	4	
5	PATIENT CHAIR - TR1		2	11	20	12	900	2400						DISPOSAL	6	
7	PATIENT CHAIR - TR2		2	11	20	12	900	2400						MICROWAVE	8	
9	PATIENT CHAIR - TR3		2	11	20	12	900	2340						QUIET 1	10	
11	PATIENT CHAIR - TR4		2	11	20	12	900							QUIET 2	12	
13	TR1 TR2		4	11	20	12	720	1080						MED GAS HALL	14	
15	TR3 TR4		4	11	20	12	720	1080						DR OFFICE	16	
17	BAYS CONV. OUTLETS		3	11	20	12	540	1080						STERILIZATION	18	
19	LAB		4	11	20	12	720	2100						AUTOClave	20	
21	-----						1167							STAFIM	22	
23	WH-1	1.6	1	3	20		1167							ULTRASONIC	24	
25	-----						1167	2267						E-1A	26	
27	X-RAY AREA		3	11	20	12	540								28	
29	X-RAY		1	11	20	12	1300							COMPRESSOR	30	
31	RECEPTION		4	11	20	12	720	1820						E-1B	32	
33	BUSINESS OFFICE		2	11	20	12	380	1460						-----	34	
35	LIGHTING	66	1	11	20	12	1568							RP-1, CONV OUTLETS	36	
37	SPACE													SPACE	38	
39	SPACE													SPACE	40	
41	SPACE													SPACE	42	

VA 11367 11297 12420 34 KVA CODES
DIV 10562 10772 12287 AV. AMPS 93 A
AMPS 88 90 102

1 = SEE DRAWINGS FOR CONDUIT & CONDUCTOR SIZE
2 = GFI BREAKER 3 = GFCP BREAKER
4 = SUBFEED BREAKER 5 = SHUNT/TRIP BREAKER
6 = PROVIDE LOCK OFF DEVICE

THIS PANEL, ALL OF ITS LUGS, BREAKERS, ETC. SHALL BE RATED FOR 75 DEG C

EQUIPMENT SCHEDULE															
MARK	QTY	DESCRIPTION	ELECTRICAL							NOTES					
			V/PH	LOAD (KW)	HP	FLA	MCA	MOCP	DISCONNECT SIZE/POLE		FUSE SIZE	AFF (IN)	CONNECTION TYPE		
E-1	2	VAUCCUUM	220/1				20								

V/PH/Hz = VOLTAGE / PHASE / HERTZ
MCA = MINIMUM CIRCUIT AMPACITY
MOCP = MAXIMUM OVER CURRENT PROTECTION LISTED BY THE MANUFACTURER

NOTES:
1) CONFIRM POWER REQUIREMENTS & MOUNTING HEIGHT WITH OWNER & EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
2) PROVIDE FUSED DISCONNECT RATED FOR THE MAX MOCP AS LISTED BY THE MANUFACTURER
3) CONFIRM EXACT HEIGHT OF UNIT PRIOR TO ROUGH-IN AND MAKE FINAL CONNECTION TO UNIT

MECHANICAL EQUIPMENT SCHEDULE										
MARK	DESCRIPTION	ELECTRICAL							NOTES	
		V/PH	LOAD (KW)	HP	FLA	MCA	MOCP	DISCONNECT SIZE/POLE		FUSE SIZE
WH-1	WATER HEATER	208/3	3.5							
RP-1	RECIRCULATING PUMP	120/1	0.085	1/25						
EF-1	CEILING EXHAUST FAN	120/1	0.132							

V/PH/Hz = VOLTAGE / PHASE / HERTZ
MCA = MINIMUM CIRCUIT AMPACITY
MOCP = MAXIMUM OVER CURRENT PROTECTION LISTED BY THE MANUFACTURER

NOTES:
1) PROVIDE FUSED DISCONNECT WITH FUSE SIZED TO THE MAX LISTED BY THE MANUFACTURER.
2) SEE DRAWINGS FOR SWITCHING.
3) UNIT PROVIDED WITH DISCONNECT.
4) MAKE CONNECTION TO THE AQUASTAT, AUTO SHUT-OFF AND TIMER FURNISHED BY MC. CONFIRM WITH MC.
5) PROVIDE #12-1#12GND CU IN CONDUIT FROM INDOOR TO OUTDOOR UNIT FOR POWER TO INDOOR UNIT.
6) PROVIDE NON-FUSED DISCONNECT.

SERVICE LOAD CALCULATIONS				
DESCRIPTION	LOAD	DEMAND	NEW LOAD	AMPS
CONTINUOUS	1568	1.25	1960	
NON-CONTINUOUS	19756	1	19756	
KITCHEN RECEPTACLES	5300	0.65	3445	
RECEPTACLES > 10K	8460	1	8460	
LARGEST MOTOR	0	0.125	0	
MOTORS	0	1	0	
OTHER	0	1	0	
BLDG SQ FT RECEP LIGHTING BY SQ FT	0	1	0	
TRACK LIGHTS	0	150	0	
SHOW WINDOW (FT)	0	200	0	
TOTAL SERVICE LOAD (208 VOLTS)			33621	93.3

ELECTRICAL SYMBOL SCHEDULE					
SYMBOL	DEVICE/FIXTURE DESCRIPTION	CATALOG NUMBER	MOUNTING	COMMENTS	
○	LIGHT FIXTURE	SEE LIGHTING FIXTURE SCHEDULE	CEILING	(1) (2) (3)	
⊗	EMERGENCY LIGHT FIXTURE	SEE LIGHTING FIXTURE SCHEDULE	CEILING	(1) (2) (3) (4)	
⊗	EXIT FIXTURE - WALL MOUNT	SEE LIGHTING FIXTURE SCHEDULE	WALL	(1) (2) (4)	
⊗	EXIT FIXTURE - CEILING MOUNT	SEE LIGHTING FIXTURE SCHEDULE	CEILING	(1) (2) (4)	
⊗	RECESSED LIGHT FIXTURE	SEE LIGHTING FIXTURE SCHEDULE	CEILING	(1) (2) (3)	
⊗	MOTOR	SEE MECHANICAL SCHEDULE	SEE MECH	(22)	
⊗	SINGLE POLE SWITCH	HUBBELL BS120W	4' - 0"	(6) (11)	
⊗	WALL SWITCH OCCUPANCY SENSOR PIR	WATTSTOPPER PW-301	4'-0"	(7) (11)	
⊗	WALL SWITCH TIMER - 7 DAY	INTERMATIC E1600WC	4' - 0"	(10) (11)	
⊗	WALL DIMMING OCCUPANCY PIR	WATTSTOPPER PW-311	4'-0"	(7) (11)	
⊗	DIMMER SWITCH	HUBBELL S11W	4' - 0"	(6) (11)	
⊗	7 DAY ASTRONOMICAL WALL SWITCH W/OVERRIDE	INTERMATIC ST700W	4' - 0"	(10) (11)	
⊗	DUPLEX CONVENIENCE OUTLET, GROUNDING TYPE	HUBBELL BR20W	18" UNO	(6) (11)	
⊗	DUPLEX CONVENIENCE OUTLET - GFI	HUBBELL GF5352-1A	18" UNO	(6) (11)	
⊗	DOUBLE DUPLEX OUTLET	(2) HUBBELL BR20W	18"	(6) (11)	
⊗	DUPLEX OUTLET - FLOOR	HUBBELL BR20W	FLOOR	(6) (27)	
⊗	SINGLE PHASE SPECIAL OUTLET	NEMA - SUBSCRIPT MARKS TYPE		(6) (11)	
⊗	THREE PHASE SPECIAL OUTLET	NEMA - SUBSCRIPT MARKS TYPE		(6) (11)	
⊗	PANEL BOARD	SEE PANEL SCHEDULE	6"-6" TO TOP		
⊗	EQUIPMENT OTHER THAN MECHANICAL	SEE EQUIPMENT SCHEDULE			
⊗	MECHANICAL EQUIPMENT	SEE MECHANICAL SCHEDULE			
⊗	WIRING IN CND IN CEILING OR WALL			WIRING IN CND IN GROUND OR FLOOR	
⊗	CONDUIT TURNED UP OR TOWARDS			CONDUIT TURNED DOWN OR AWAY	
⊗	CIRCUIT HOME RUN TO PANEL. 3 CONDUCTORS INCLUDING THE EQUIPMENT GROUND CONDUCTOR.				
⊗	CIRCUIT HOME RUN TO PANEL. NUMBER OF ARROW HEADS INDICATE NUMBER OF CIRCUITS. SLASH MARKS INDICATE NUMBER OF CONDUCTORS. EX. TWO CIRCUITS, FOUR CONDUCTORS, COMMON NEUTRAL AND THREE CIRCUITS WITH 7 CONDUCTORS (SEPARATE NEUTRAL PER CIRCUIT). BOTH EX. INCLUDE AN EQUIP. GROUND.				
⊗	CATS/CAT6 CABLE IN CONDUIT OR FREE-AIR				

INSTALL CONDUIT AS DRAWN ON THE PLANS. THE ONLY EXCEPTIONS ARE THOSE AUTHORIZED IN WRITING BY THE ENGINEER. ALL CONDUITS SHALL INCLUDE AN EQUIPMENT GROUND CONDUCTOR SIZED PER NEC.

ABBREVIATIONS/NOTES
AFF - ABOVE FINISHED FLOOR, AFG - ABOVE FINISHED GRADE, AIC - AMPS INTERRUPTING CAPACITY, AL - ALUMINUM, BC - BARE COPPER, BFC - BELOW FINISHED CEILING, BFG - BELOW FINISHED GRADE, CND, OR C. - CONDUIT, CLG - INSTALLED IN CEILING, FCIC - CONTRACTOR FURNISHED CONTRACTOR INSTALLED, CT - CURRENT TRANSDUCER, CU - COPPER, DFA - DROP FROM ABOVE, (E) - EXISTING, EC - ELECTRICAL CONTRACTOR, EV - ELECTRO VOICE, GC - GENERAL CONTRACTOR, GND - GROUND, MC - MECHANICAL CONTRACTOR, MCA - MINIMUM CIRCUIT AMPS, (N) - NEW, OFCI - OWNER FURNISHED CONTRACTOR INSTALLED, P.C. - PLUMBING CONTRACTOR, POC - POINT OF CONNECTION, POS - POINT OF SALES, RMC - RIGID METAL CONDUIT, SCA - SHORT CIRCUIT AMPERES, TC - TEMP. CONTROL CONTRACTOR, UNO - UNLESS NOTED OTHERWISE, VA - VOLT/AMPS, WF - VERIFY IN FIELD, WP - WEATHER PROOF/NEMA 3R

1. SEE LIGHTING FIXTURE SCHEDULE FOR TYPE AND SPECIFICS.
2. SEE LIGHTING FIXTURE SCHEDULE FOR MOUNTING OF FIXTURE.
3. PROVIDE AND WIRE FROM ADJACENT J-BOX AS REQUIRED BY THE FIXTURE AND NUMBER OF CONDUITS.
4. PROVIDE UN-SWITCHED CONDUCTOR TO EMERGENCY BALLAST OR FIXTURE.
5. PROVIDE DIRECTIONAL ARROWS AS SHOWN.
6. ACCEPTABLE EQUALS ARE P&S, LEVITON, COOPER, HUBBELL. PROVIDE AS REQUIRED IN ELECTRICAL SPECS PART 2.1.
7. ACCEPTABLE EQUALS ARE HUBBELL, WATT STOPPER, SENSOR SWITCH
8. ACCEPTABLE EQUALS ARE GENERAL ELECTRIC, ALLEN-BRADLEY, SQUARE D
9. PROVIDE ONE B2432, ONE S3825, ONE S3826, ONE SB3084, AND ONE FCX244W
10. ACCEPTABLE EQUALS ARE INTERMATIC, PARAGON, EZ-CONTROL
11. USE A 4"x4"x1/8" FOR POWER, 4 11/16"x4 11/16"x2 1/8" FOR DATA/VOICE, WITH A MUD RING TO MATCH THE DEVICE AND INSTALLATION. PROVIDE WEATHER-PROOF FOR OUTDOOR.
12. PROVIDE MUD RING AND/OR BOX COVER APPROPRIATE FOR DEVICE/FIXTURE SERVED.
13. MATCH TO THE VOLTAGE ON LINE SIDE. USE HEAVY DUTY FOR 480 VOLT. UNO.
14. SIZE TO THE EQUIPMENT BEING CONTROLLED
15. PROVIDE A FLOOR BOX HUBBELL S1PFB/SISP, TWO HBL5BK, ONE IM2K1BK, AND FIVE IMB1BK W/FLANGE TO MATCH FLOOR TYPE.
16. PROVIDE A FLOOR BOX HUBBELL S1PFB/SISP WITH ONE IM2K1BK, TWO IMB1BK AND ONE HBL2162BK.
17. ACCEPTABLE EQUALS ARE HUBBELL, ORTRONICS, SIEMEN
18. MATCH THE VOLTAGE OF THE RELAY WITH THAT OF THE CONTROLLING CIRCUIT.
19. MOUNT SWITCH AT DOOR JAM PER MANUFACTURERS INSTRUCTIONS.
20. FEED THE STYLE LINE RECEPT. FROM THE GFCI OUTLET SO BOTH ARE GFCI PROTECTED.
21. PROVIDE HANDY BOX (RACO 663 OR EQUAL) MOUNT DIRECTLY TO FURNACE FUSE 15 AMP OR AS INDICATED ON PLANS.
22. IF EXHAUST FAN, SWITCH WITH LIGHTS UNLESS INDICATED OTHERWISE.
23. PROVIDE DEVICE UL LISTED TO BE USED WITH THE FIRE ALARM PANEL/SYSTEM.
24. PROVIDE HUBBELL: ONE OUTLET FRAME ISF20W, ONE COVERPLATE NP26W.
25. PROVIDE ONE BR20W
26. PROVIDE HUBBELL: TWO JACKS HXJ60W
27. PROVIDE A FLOOR BOX HUBBELL S2431 WITH (1) SB3083.
28. PROVIDE TIMER INTERVAL AS SHOWN ON DRAWINGS OR LISTED IN SPECIFICATIONS.
29. PROVIDE RACEWAY WITH OUTLETS 12" ON CENTER, UNO.
30. INSTALL UNIT ABOVE ACCESSIBLE CEILING AND CONNECT TO ALL ASSOCIATED DEVICES WITH NETWORK CABLE AS LISTED BY THE MANUFACTURER.
31. PROVIDE 3/4" CONDUIT FROM J-BOX TO ABOVE ACCESSIBLE CEILING UNO.
32. # CONTROL SYSTEM GROUP ALL COMPONENTS IN SAME GROUP CONNECT TOGETHER

CONDUIT/CONDUCTOR SCHEDULE					
MARK	AMPS	CONDUIT CABLE	CONDUCTOR QTY	CONDUCTOR SIZE	REMARKS
212	20	3/4"	2	12	(1) (2)
312	20	3/4"	3	12	(1) (2)
412	20	3/4"	4	12	(1) (2)
20	30	3/4"	2	10	(1) (2)
30	30	3/4"	3	10	(1) (2)
40	30	3/4"	4	10	(1) (2)
201	30	1"	2	10	(1) (2)
301	30	1"	3	10	(1) (2)
28A	40	3/4"	2	8	(1) (2)
38A	40	1"	3	8	(1) (2)
48A	40	1"	4	8	(1) (2)
26A	50	1"	2	6	(1) (2)
36A	50	1"	3	6	(1) (2)
46A	50	1"	4	6	(1) (2)
24A	65	1 1/4"	2	4	(1) (2)
34A	65	1 1/4"	3	4	(1) (2)
44A	65	1 1/4"	4	4	(1) (2)
23A	75	1 1/4"	2	3	(1) (2)
33A	75	1 1/4"	3	3	(1) (2)
43A	75	1 1/4"	4	3	(1) (2)
22A	90	1 1/2"	2	2	(1) (2)
32A	90	1 1/2"	3	2	(1) (2)
42A	90	1 1/2"	4	2	(1) (2)
31A	100	1 1/2"	3	1	(1) (2)
41A	100	2"	4	1	(1) (2)
310A	120	2"	3	1/0	(1) (2)
410A	120	2"	4	1/0	(1) (2)
320A	135	2"	3	2/0	(1) (2)
420A	135	2"	4	2/0	(1) (2)
330A	155	2 1/2"	3	3/0	(1) (2)
430A	155	2 1/2"	4	3/0	(1) (2)
240A	180	2"	3	4/0	(1) (2)
340A	180	2 1/2"	3	4/0	(1) (2)
440A	180	2 1/2"	4	4/0	(1) (2)
325A	205	2 1/2"	3	250	(1) (2)
425A	205	3"	4	250	(1) (2)
3-3A	230	3"	3	300	(1) (2)
4-3A	230	3"	4	300	(1) (2)
335A	250	3"	3	350	(1) (2)
435A	250	3"	4	350	(1) (2)
3-4A	270	3"	3	400	(1) (2)
4-4A	270	3 1/2"	4	400	(1) (2)
350A	310	3 1/2"	3	500	(1) (2)
450A	310	4"	4	500	(1) (2)
440A2	360	2 1/2"	4	4/0	(1) (2)
480A	395	4"	4	800	(1) (2)
325A2	410	3"	3	250	(1) (2)
425A2	410	3"	4	250	(1) (2)
335A2	500	3"	3	350	(1) (2)
435A2	500	3"	4	350	(1) (2)
350A2	620	4"	4	500	(1) (2)
4-4A3	810	3 1/2"	4	400	(1) (2)
450A3	930	4"	4	500	(1) (2)
450A4	1240	4"	4	500	(1) (2)
450A7	2170	4"	4	500	(1) (2)

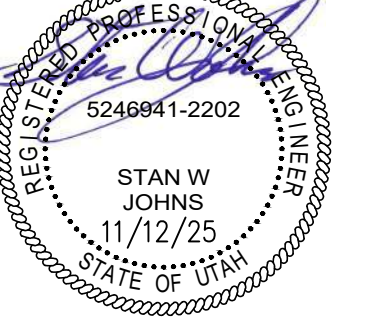
NOTE:
(1) THHN/THWN-2
(2) ALL CONDUIT SHALL CONTAIN A SEPARATE EQUIPMENT GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH THE NEC. ACCOUNT FOR PARALLEL RUNS.
SUFFIX:
"A" INDICATES ALUMINUM CONDUCTORS
"M" INDICATES MFC CABLE
"Y" INDICATES YELLOW ISOLATED GROUND CONDUCTOR IN ADDITION TO THE GROUND CONDUCTOR IN NOTE ABOVE.
LEGEND:
OF CONDUCTORS NOT COUNTING EQUIP GRND
A=ALUMINUM, BLANK=COPPER
OF PARALLEL RUNS; BLANK=1 RUN
CABLE TYPE; B=NM, S=SER, M=MC, BLANK=CONDUIT
SIZE OF CONDUCTORS

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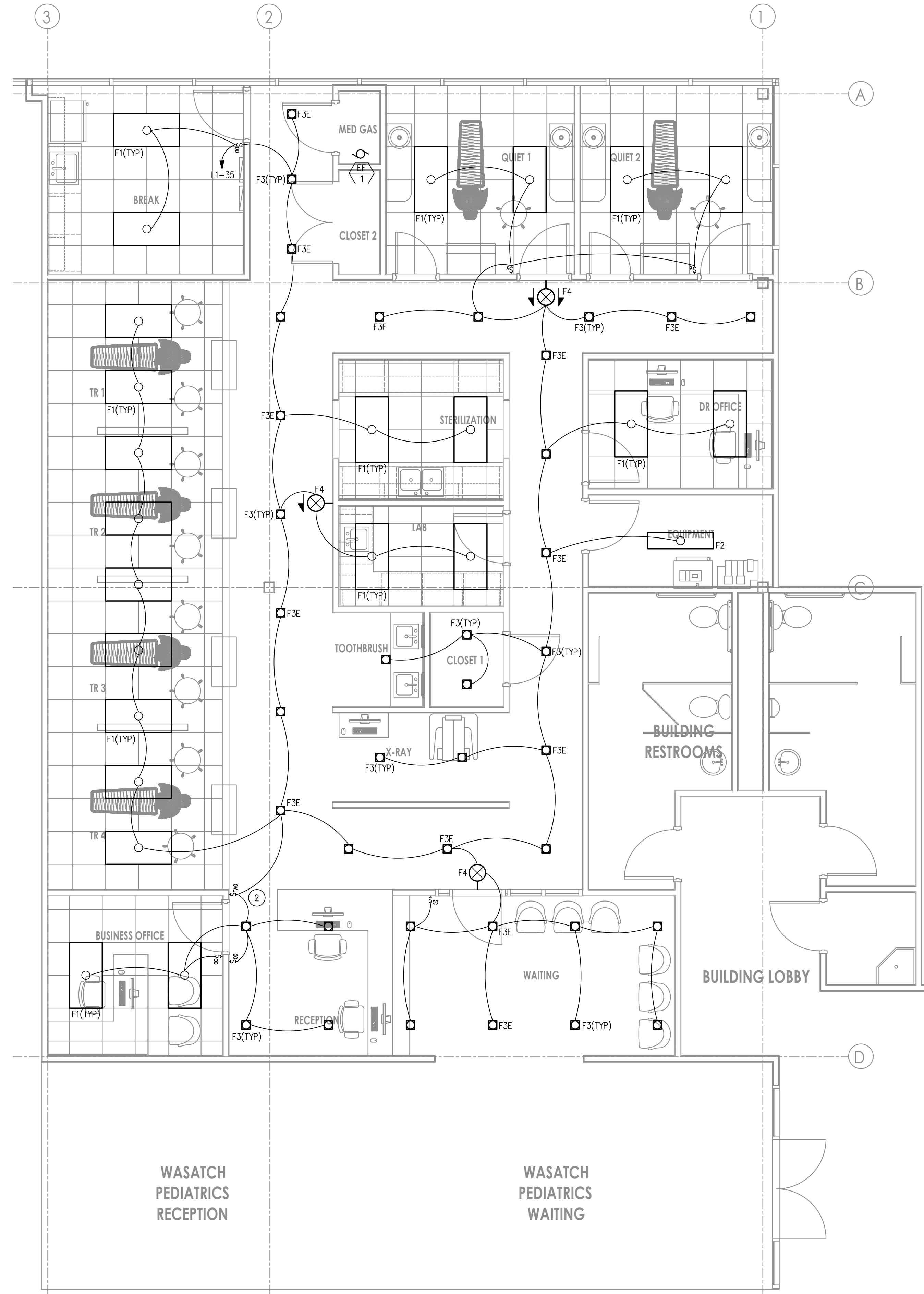
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- # KEYED NOTES
- USE EXISTING CIRCUITS AND CONDUITS AS MUCH AS POSSIBLE.
 - WIRE SWITCH AS TIME CLOCK CONTROL FOR ALL FIXTURES NOT ON MOTION SENSORS.



1 LIGHTING PLAN
E1.0
SCALE: 1/4" = 1'-0"

LINFORD DENTAL OFFICE TI
3838 S 700 E #200
SALT LAKE CITY, UT 84106

SHEET TITLE LIGHTING PLAN

REVISIONS	
NO.	DESCRIPTION

ISSUE DATE: 11/12/25
ISSUE TYPE: PERMIT
DRAWN BY: JLC
CHECKED BY: SWJ

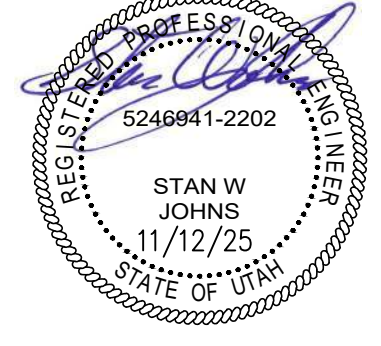
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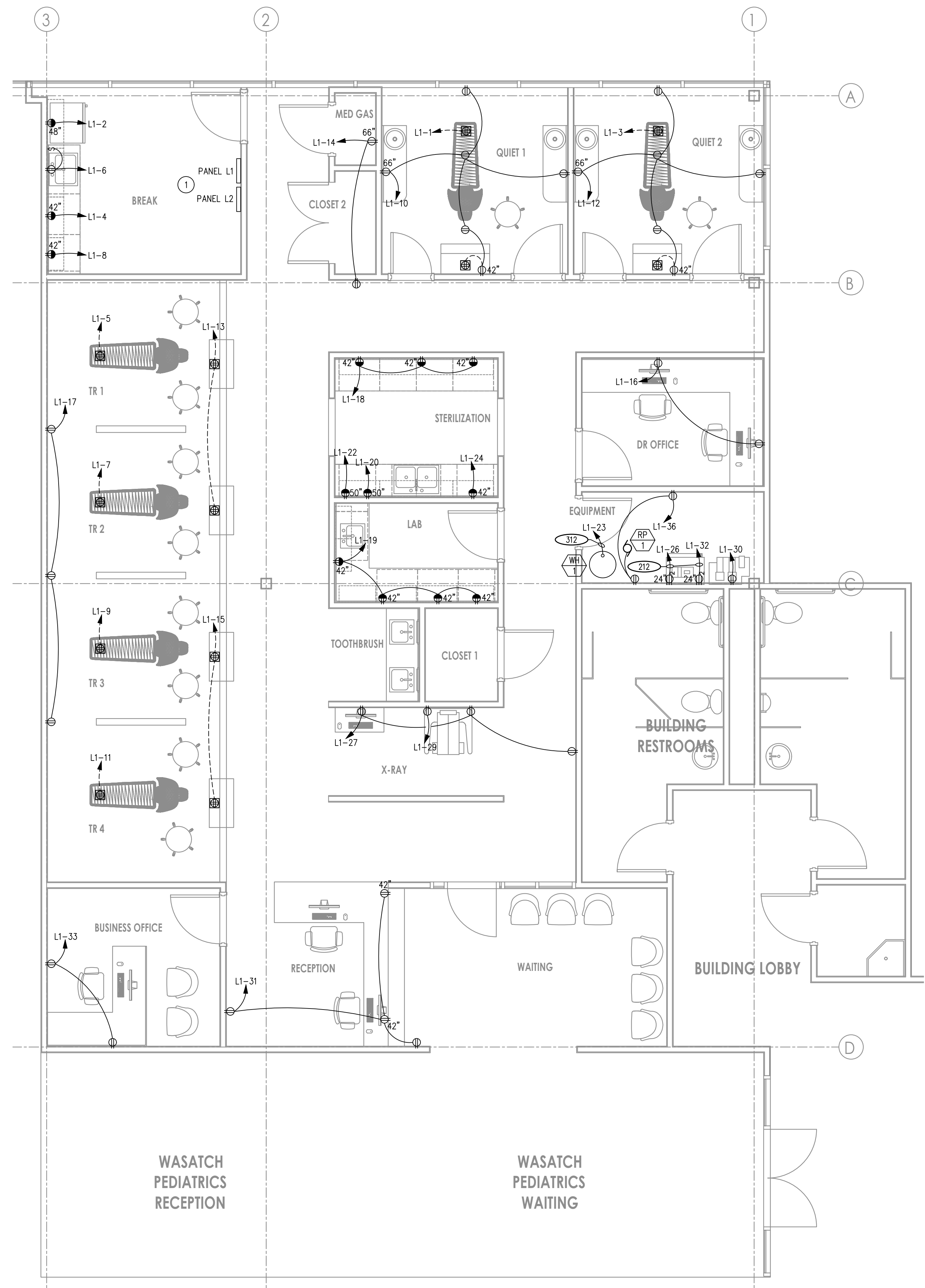
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- # KEYED NOTES
- EXISTING PANELS TO USE FOR THIS PROJECT. FIELD CONFIRM EXISTING CONDITIONS AND USE EXISTING CIRCUITS FROM ANY OF THE TWO PANELS FEEDING THIS SPACE AS THEY ARE AVAILABLE AND PROVIDE NEW CIRCUITS WHERE EXISTING ARE NOT AVAILABLE. SEE ELECTRICAL SPECIFICATIONS ON SHEET E4.0.



1 POWER PLAN
E2.0
SCALE: 1/4" = 1'-0"

LINFORD DENTAL OFFICE TI
3838 S 700 E #200
SALT LAKE CITY, UT 84106

SHEET TITLE POWER PLAN

REVISIONS	
NO.	DESCRIPTION

ISSUE DATE: 11/12/25
ISSUE TYPE: PERMIT
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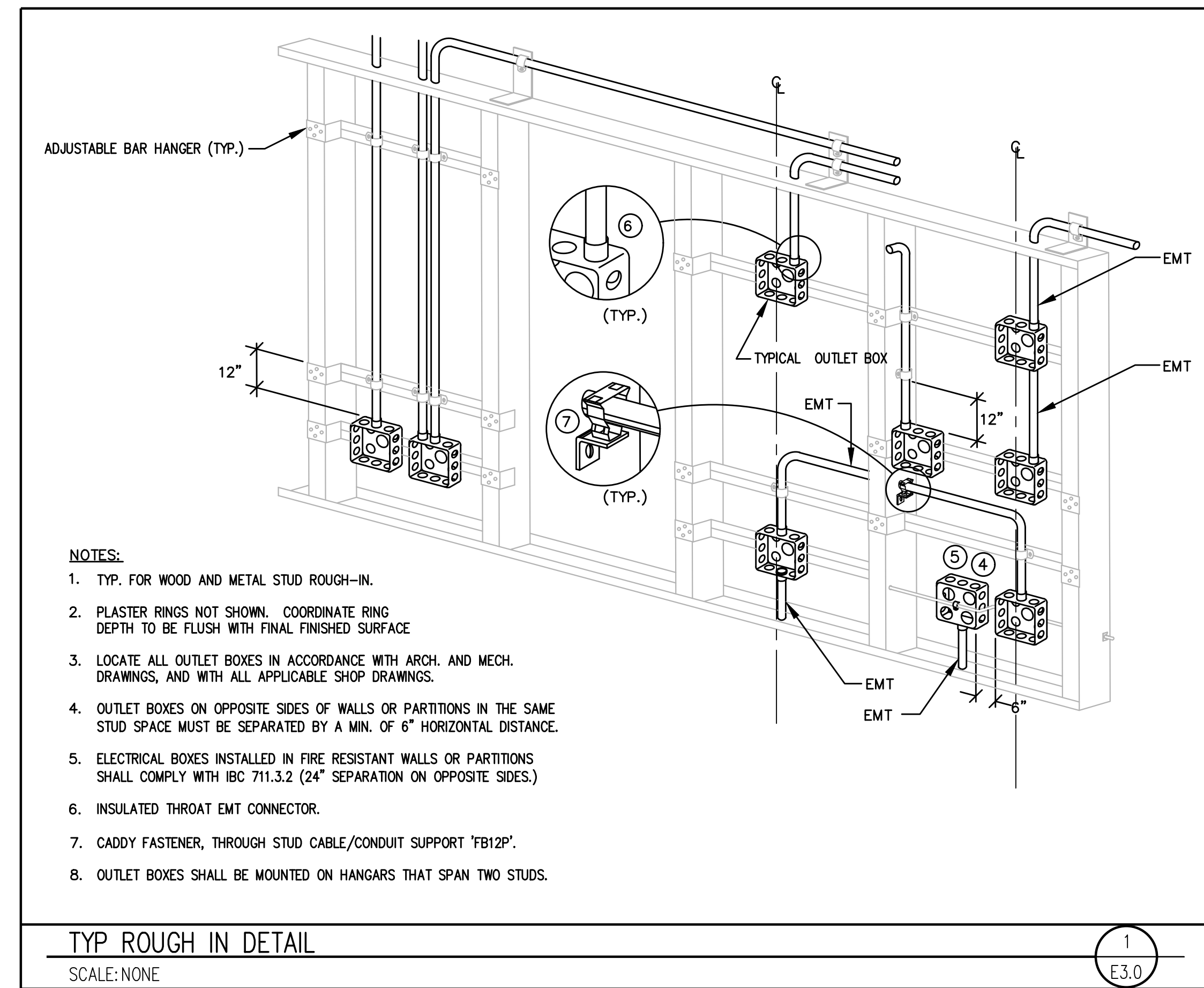
E2.0

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NOTES:

1. TYP. FOR WOOD AND METAL STUD ROUGH-IN.
2. PLASTER RINGS NOT SHOWN. COORDINATE RING DEPTH TO BE FLUSH WITH FINAL FINISHED SURFACE.
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE WITH ARCH. AND MECH. DRAWINGS, AND WITH ALL APPLICABLE SHOP DRAWINGS.
4. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITIONS IN THE SAME STUD SPACE MUST BE SEPARATED BY A MIN. OF 6" HORIZONTAL DISTANCE.
5. ELECTRICAL BOXES INSTALLED IN FIRE RESISTANT WALLS OR PARTITIONS SHALL COMPLY WITH IBC 711.3.2 (24" SEPARATION ON OPPOSITE SIDES.)
6. INSULATED THROAT EMT CONNECTOR.
7. CADDY FASTENER, THROUGH STUD CABLE/CONDUIT SUPPORT 'FB12P'.
8. OUTLET BOXES SHALL BE MOUNTED ON HANGARS THAT SPAN TWO STUDS.

TYP ROUGH IN DETAIL

SCALE: NONE

1
E3.0

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SHEET TITLE ELECTRICAL DETAILS

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ISSUE DATE: 11/12/25

ISSUE TYPE: PERMIT

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E3.0

- L. TESTING
- DEMONSTRATE THAT ALL COMPONENTS OF THE WORK OF THIS DIVISION HAVE BEEN PROVIDED AND THAT THEY OPERATE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
 - TEST WIRING AND CONNECTORS FOR CONTINUITY, SHORT CIRCUITS AND IMPROPER GROUNDS. TEST EACH LIGHTING AND APPLIANCE PANEL WITH MAINS DISCONNECTED FROM FEEDERS, BRANCHES CONNECTED, WALL SWITCHES CLOSED AND FIXTURES PERMANENTLY CONNECTED AND COMPLETE WITH LAMPS. TEST EACH INDIVIDUAL POWER CIRCUIT WITH THE POWER EQUIPMENT CONNECTED FOR PROPER OPERATION.
 - PROVIDE DETAILED DOCUMENTATION OF EACH TEST PERFORMED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE, WITH THE NAMES AND THE SIGNATURES OF QUALIFIED INDIVIDUALS WHO CONDUCTED AND WITNESSED EACH TEST.

- PART 3 – EXECUTION
- A. GENERAL
- ALL MATERIALS SHALL BE INSTALLED IN A PROFESSIONAL MANNER INDICATIVE OF THE TRADE.
 - ALL PENETRATIONS OF THE WALLS, FLOORS AND ROOF SHALL BE SEALED WITH APPROPRIATE BOOTS, SEALANT OR CAULK FOR THE PARTICULAR SURFACE INVOLVED AND AS REQUIRED TO MAINTAIN A FIRE PROOF SEAL.
- B. RACEWAYS
- RACEWAYS SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE INDICATED. EXPOSED RACEWAY RUNS SHALL BE PARALLEL WITH SUPPORTING WALLS, BEAMS, AND CEILINGS AND WITH EACH OTHER AND SHALL NOT BE INSTALLED CLOSER THAN 6 INCHES TO ANY WATER PIPE OR HEATER FLUME.
 - RACEWAY ENDS SHALL BE REAMED AFTER THREADING AND AFTER CUTTING AND BE MADE TO BUTT IN THE CENTER OF THE COUPLING. THE USE OF RUNNING THREADS IS PROHIBITED.
 - RACEWAYS SHALL BE INSTALLED AS A COMPLETE SYSTEM, CONTINUOUS FROM OUTLET TO OUTLET, CABINET, BOX OR FITTINGS, AND SHALL BE MECHANICALLY CONNECTED SO THAT ADEQUATE ELECTRICAL CONTINUITY FROM ONE TO ANOTHER IS OBTAINED. CONDUITS SHALL BE SUPPORTED WITH ONE OR TWO HOLE STAMPED STEEL OR MALLEABLE IRON STRAPS (SUCH AS MANUFACTURED BY RACO) DESIGNED FOR SUPPORTING CONDUIT. THE SIZE OF STRAP SHALL MATCH THE SIZE OF THE CONDUIT. NAILS, PERFORATED STRAP, OR PLUMBERS TAPE SHALL NOT BE USED FOR SUPPORT OF RACEWAY.
 - PROVIDE 1/8" POLY PULL CORD IN RACEWAYS WITHOUT CONDUCTORS.
 - FOUR 90 DEGREE BENDS MAXIMUM BETWEEN TERMINATIONS OR BOXES.
 - ANY METAL CONDUIT IN CONTACT WITH EARTH SHALL BE PVC COATED OR DOUBLE WRAPPED WITH VINYL OR OTHER TAPE LISTED FOR THE PURPOSE OF PROTECTING THE CONDUIT.
 - COMMUNICATIONS OUTLETS: PROVIDE A 3/4" CONDUIT FROM EACH OUTLET STUBBED UP ABOVE THE CEILING AND BENT TOWARD THE HALLWAY, CABLE TRAY OR IT ROOM UNO. PROVIDE AN INSULATED THROAT CONNECTOR ON BOTH ENDS OF THE CONDUIT.
- C. CONDUCTORS
- ALL CONDUCTORS SHALL BE INSTALLED IN CONDUIT AND COLOR CODED AS FOLLOWS:

PHASE	120/240	208/120	480/277
PHASE A	BLACK	BLACK	BROWN
PHASE B	RED	RED	ORANGE
PHASE C		BLUE	YELLOW
NEUTRAL	WHITE	WHITE	GREY
GROUND	GREEN	GREEN	GREEN
 - MAKE JOINTS, SPLICES, TAPS AND CONNECTIONS IN CONDUCTORS WITH SOLDERLESS CONNECTORS.
 - ALL CIRCUITS THAT REQUIRE A NEUTRAL SHALL BE PROVIDED WITH A DEDICATED NEUTRAL. DO NOT SHARE NEUTRALS.
 - CONDUCTORS SHALL BE INSTALLED SO THAT THEY MAINTAIN THEIR CURRENT RATING AND ARE NOT DE-RATED FOR BUNDLING (CONDUCTORS AND CABLES), CONDUIT FILL, AMBIENT TEMPERATURE OR ANY OTHER REASON.
 - PROVIDE CONDUCTORS SIZED FOR A MAXIMUM VOLTAGE DROP OF 5% FROM THE SERVICE TO THE LOAD(S) AT THE END OF THE CIRCUIT. BASED ON THE LOAD(S) ON THE CIRCUIT.
- D. JUNCTION AND PULL BOXES
- PULL BOXES SHALL BE PROVIDED WHERE INDICATED AND WHERE NECESSARY TO FACILITATE THE PULLING OF CONDUCTORS.
- E. GROUNDING
- INSTALL A CODE SIZED GROUNDING CONDUCTOR IN ALL RACEWAYS AND CABLES. DO NOT USE THE RACEWAY FOR GROUNDING. MAKE GOOD CONTACT AT ALL PANEL BOARDS, OUTLET BOXES, AND JUNCTION OR PULL BOXES TO THE RACEWAY SYSTEM. USE APPROVED BONDING MATERIALS.
 - PROVIDE A CODE SIZED UFER GROUND AT THE MAIN SERVICE ON ALL NEW SERVICES.
 - PROVIDE A CODE SIZED GROUNDING ELECTRODE CONDUCTOR CONNECTED TO THE SERVICE GROUNDING ELECTRODE CONDUCTOR ON EACH TRANSFORMER.
- F. BONDING
- BOND ALL PIPING (GAS WATER, ETC) AS REQUIRED BY THE NEC. CONFIRM SYSTEMS TO BE USED WITH MC.
 - PROVIDE BONDING FOR COMMUNICATION SYSTEMS WITH AN INTERSYSTEM BONDING TERMINATION DEVICE AS REQUIRED AND ALLOWED BY THE NEC.
 - PROVIDE EACH TRANSFORMER WITH A CODE SIZED COPPER NETURAL-TO-GROUND SYSTEM BONDING JUMPER.
- G. LUMINAIRE INSTALLATION
- ALL FIXTURES RECESSED AND SURFACE SHALL BE SUPPORTED FROM THE STRUCTURE AND NOT FROM THE CEILING FRAMING OR GRID CEILING.
 - INSTALL RECESSED LUMINAIRES TO PERMIT REMOVAL FROM BELOW.
 - LOCATE LUMINAIRES AS INDICATED ON THE DRAWINGS.
 - INSTALL ACCESSORIES FURNISHED WITH AND REQUIRED FOR EACH LUMINAIRE.
 - INSTALL GRID CEILING CLIPS ON RECESSED LUMINAIRES.
- H. SEISMIC REQUIREMENTS
- RECESSED TYPE LIGHTING FIXTURES, IN ADDITION TO THE STANDARD SEISMIC CLIPS AND SUPPORT ON T-BAR GRID SYSTEM, SHALL HAVE 2#12 STEEL SAFETY WIRES PER FIXTURE. ONE END OF EACH SAFETY WIRE SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE. THE OTHER END (6 INCHES LONGER THAN THE T-BAR GRID SUPPORT WIRES) SHALL BE FASTENED TO DIAGONAL CORNERS OF EACH LIGHTING FIXTURE.
 - PROVIDE SEISMIC RESTRAINTS AS REQUIRED BY CODE FOR ALL ELECTRICAL EQUIPMENT INSTALLED ON THE PROJECT.
- I. CUTTING AND PATCHING
- PERFORM DRILLING, CUTTING, AND PATCHING OF THE GENERAL CONSTRUCTION WORK WHETHER EXISTING OR NEW, AS REQUIRED FOR THE INSTALLATION OF ELECTRICAL WORK. PATCH WITH THE SAME MATERIALS, WORKMANSHIP, AND FINISH AS THE ORIGINAL WORK AND ACCURATELY MATCH ALL SURROUNDING WORK. SUCH WORK WILL BE DONE BY A CRAFTSMAN ACCREDITED IN THE APPLICABLE TRADE UNDER THE CONTRACTOR'S SUPERVISION AND BE ACCEPTABLE TO THE OWNER'S REPRESENTATIVE. COORDINATE WITH OTHER TRADES AND GENERAL CONTRACTOR PRIOR TO CUTTING, DRILLING, OR CORING.
- J. WIRING DEVICES
- MOUNTING HEIGHTS TO THE CENTER OF THE DEVICE AND ORIENTATION SHALL BE AS FOLLOWS:

CONVENIENCE & TELEPHONE OUTLETS	48" AFF
ABOVE COUNTER	42" AFF
DATA, TELEPHONE, TV AND CONVENIENCE OUTLETS (TYPICAL)	18" AFF

ALL PANELS ARE TO BE MOUNTED/ INSTALLED AT AN ACCESSIBLE HEIGHT FOR BOTH TYPE A AND TYPE B UNITS

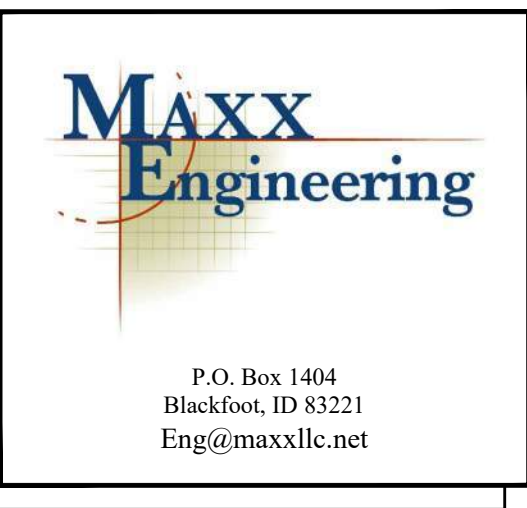
ALL MOUNTING HEIGHTS ARE TYPICAL UNLESS NOTED OTHERWISE ON THE PLANS. ALL SWITCHES AND THERMOSTATS TO BE MOUNTED AS CLOSE TO DOOR JAMB AS POSSIBLE. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND DETAILS. RECEPTACLES SHALL BE ORIENTED WITH THE GROUND TERMINAL UP WHEN INSTALLED VERTICAL AND WITH THE NEUTRAL TERMINAL(S) UP WHEN INSTALLED HORIZONTAL.
- K. ARCFLASH
- ELECTRICAL CONTRACTOR SHALL PROVIDE AN ARCFLASH STUDY FOR THE ELECTRICAL SYSTEM AND ARCFLASH LABELS AS REQUIRED BY NEC 110.16.

- BOXES FOR STRUCTURED CABLING (DATA & PHONE) IN INTERIOR DRY LOCATIONS SHALL BE GALVANIZED ONE-PIECE PRESSED STEEL, KNOCKOUT TYPE 4 11/16" x 2 1/8", APPLETON, RAYCO OR EQUAL.
 - ALL BOXES IN FINISHED SPACES SHALL BE PROVIDED WITH MUD RINGS AS REQUIRED FOR THE DEVICE AND WALL MATERIAL.
 - OUTDOOR AND WET OR DAMP LOCATIONS: PROVIDE CAST METAL OR PVC OUTLET, JUNCTION, AND PULL BOXES.
 - ALL DEVICE BOXES SHALL BE SUPPORTED FROM A MINIMUM OF TWO SEPARATE STUDS OR FRAMING MEMBERS.
- E. CONDUCTORS
- SOFT DRAWN, ANNEALED COPPER IN RACEWAY OR CABLE SIZED AS SHOWN ON THE PLANS. MINIMUM #12 AWG UNLESS NOTED OTHERWISE. #8 AWG AND LARGER SHALL BE STRANDED.
 - ALUMINUM CONDUCTORS IN RACEWAY OR CABLE MAY BE USED FOR CONDUCTORS SIZED #8 OR LARGER WHERE THE CONNECTORS USED ARE LISTED FOR USE WITH THE ALUMINUM CONDUCTORS.
 - CONDUCTORS SHALL XHHW-2, THHN OR THWN-2 COLOR CODED IN ACCORDANCE WITH PART 3, SECTION C. 1. OF THESE SPECIFICATIONS OR AS INDICATED ON THE DRAWINGS.
 - CONDUCTORS SHALL BE USED AS LISTED BY THE NEC.
- F. WIRING CONNECTIONS
- MAKE ALL ELECTRICAL CONNECTIONS.
 - MAKE CONNECTION TO DEVICES USING "PIG-TAILS". DO NOT USE A DEVICE AS A CONNECTION OR A SPLICE UNIT.
 - DO NOT PLACE STRANDED CONDUCTORS DIRECTLY UNDER SCREWS. INSTALL CRIMP-ON, INSULATED, FORK TERMINALS FOR CONDUCTOR TERMINATIONS, OR INSTALL SOLID CONDUCTORS.
 - WHEN CONDUCTORS LARGER THAN #10 ARE SHOWN FOR A 120V CIRCUIT PROVIDE THE CONDUCTOR SHOWN BUT USE A #10 PIG-TAIL TO CONNECT TO THE DEVICE AND TO THE BREAKER. KEEP THE #10 CONDUCTORS 36 INCHES OR SHORTER.
- G. NAMEPLATES
- PROVIDE EACH PANEL BOARD AND DISCONNECT SWITCH WITH A MICARTA PLASTIC NAMEPLATE MADE OF WHITE-FACED BLACKCORE PLASTIC LAMINATE WITH 1/4" HIGH LETTERING. NAMEPLATE SHALL INCLUDE DESIGNATION, DRAWING, PHASE, VOLTAGE, AND PANEL IT IS FED FROM. FASTEN WITH SCREWS OR RIVETS. NO OTHER ATTACHMENT METHOD IS ALLOWED. SEE DETAIL ON DRAWINGS.
- H. COMMUNICATIONS AND STRUCTURED CABLING
- PROVIDE COMPLETE SYSTEM AS INDICATED ON THE DRAWINGS.
 - PROVIDE A COMMUNICATIONS PANEL OR BACKBOARD FOR THE COMMUNICATIONS DEMARC FOR THE BUILDING.
 - PROVIDE A 3" COMMUNICATION CONDUIT FROM THE BUILDING COMMUNICATIONS DEMARC PANEL/BACKBOARD TO THE COMMUNICATIONS SERVICE PROVIDER POINT OF CONNECTION ON THE SITE. COORDINATE WITH THE COMMUNICATIONS PROVIDER AND OWNER.
 - PROVIDE A 3/4" CONDUIT WITH ONE CAT6 CABLE FROM THE DATA/COM CABINET TO EACH COMMUNICATIONS OUTLET UNLESS NOTED OTHERWISE.
 - PROVIDE COMMUNICATIONS OUTLETS WHERE SHOWN ON THE DRAWINGS.
 - MAKE CONNECTIONS ON BOTH ENDS OF EACH CABLE ACCORDING TO 568B STANDARDS.
- I. WIRING DEVICES
- PLATES – COLOR OF PLATE SHALL BE WHITE.
 - TELEPHONE AND DATA OUTLETS SHALL BE PROVIDED WITH CONNECTORS AS INDICATED ON THE DRAWINGS.
 - SWITCHES – SHALL BE AS SHOWN ON THE PLANS OR EQUAL OF P&S, LEVITON OR COOPER 20 AMP, SILENT TYPE. COLOR SHALL BE WHITE.
 - RECEPTACLES – SHALL BE AS SHOWN ON PLANS OR EQUAL OF P&S, LEVITON OR COOPER 20AMP. COLOR SHALL BE WHITE.
 - SPECIAL PURPOSE OUTLETS SHALL BE AS INDICATED ON THE DRAWINGS.
- J. PANEL BOARDS
- DEAD FRONT TYPE, EQUIPPED WITH BOLT – ON CIRCUIT BREAKERS AND PROVISIONS FOR FUTURE BREAKERS, AS INDICATED. SQUARE D OR CUTLER HAMMER. THE NUMBER OF POLES, TYPE, VOLTAGE, AND AMP RATING SHALL BE AS INDICATED ON THE PLANS. BUS BARS SHALL BE COPPER OR ALUMINUM. PROVIDE FULL SIZE GROUND BUS. NEUTRAL WIRES SHALL BE CONNECTED TO A COMMON NEUTRAL BUS WITH BINDING SCREWS OR LUGS, THE NEUTRAL BUS SHALL BE INSULATED FROM THE CABINET.
 - FURNISH COMPLETE WITH DOOR, KEYPED LOCK AND TYPE WRITTEN, LAMINATED DIRECTORY. CABINETS SHALL BE RIGIDLY SUPPORTED INDEPENDENT OF CONDUITS.
 - PROVIDE FULLY RATED PANEL BOARDS WITH A MINIMUM AIC RATING AS INDICATED ON THE DRAWINGS.
 - PROVIDE NEW BREAKERS IN EXISTING PANELBOARDS/SWITCHGEAR AS INDICATED ON THE PANEL SCHEDULES. THE BREAKERS SHALL HAVE AN AIC RATING AS SHOWN ON THE PANEL SCHEDULE OR TO MATCH EXISTING BREAKERS WHICHEVER IS LARGER.
 - INSTALL PANELS WITH TOP CIRCUIT BREAKER AT 48" AFF IN UNITS DESIGNATED AS ACCESSIBLE AND AS REQUIRED BY CODE.
- K. INTERIOR AND EXTERIOR LUMINAIRES
- PROVIDE LIGHTING SYSTEM COMPLETE WITH LAMPS AND ACCESSORIES, AS INDICATED IN THE CONTRACT DOCUMENTS.
 - LUMINAIRES
 - PROVIDE COMPLETE LUMINAIRE ASSEMBLIES OF TYPE INDICATED ON THE DRAWINGS WITH FEATURES, OPTIONS AND ACCESSORIES AS SCHEDULED AND AS NEEDED FOR A COMPLETE ASSEMBLY AND INSTALLATION.
 - LIGHTING CONTROLS
 - PROVIDE LIGHTING CONTROLS AS INDICATED ON THE DRAWINGS WITH EQUALS OF WATTSTOPPER AND NIGHT.
 - ALL SENSORS SHALL BE PROGRAMMED AS OCCUPANCY SENSORS WITH A 10 MINUTE DELAY BEFORE OFF UNO.
 - LOCATE CEILING OCCUPANCY SENSORS IN A LOCATION THAT SEES THE ROOM BUT DOES NOT SEE PEOPLE WALKING PAST THE OPEN DOOR.

- ## ELECTRICAL SPECIFICATIONS
- PART 1 – GENERAL
- A. DESCRIPTION
- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL A COMPLETE AND OPERABLE ELECTRICAL SYSTEM AS DEFINED BY THESE DRAWINGS AND APPLICABLE CODES.
- B. RULES AND REGULATIONS
- ALL WORK AND MATERIALS SHALL BE INSTALLED AS SHOWN AND HEREIN SPECIFIED.
 - THE LATEST EDITIONS OF THE FOLLOWING SPECIFICATIONS, STANDARDS, AND AMENDMENTS, AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION, SHALL FORM A PART OF THIS SPECIFICATION THE SAME AS IF HEREIN WRITTEN OUT IN FULL (ALL MATERIALS AND INSTALLATIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENTS THEREOF):
 - NFPA (NATIONAL FIRE PROTECTION ASSOCIATION), PUBLICATION NUMBER 70, "NATIONAL ELECTRICAL CODE", PUB. NO. 72E, "AUTOMATIC FIRE DETECTORS".
 - UL (UNDERWRITERS LABORATORIES, INC.)
 - NEMA (NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION).
 - UBC (UNIFORM BUILDING CODE) AND STANDARD BUILDING CODE.
 - IBC (INTERNATIONAL BUILDING CODE)
 - IFC (INTERNATIONAL FIRE CODE)
 - IECC (INTERNATIONAL ENERGY CONSERVATION CODE)
 - IEC (INTERNATIONAL ELECTRICAL CODE)
 - STATE AND LOCAL BUILDING AUTHORITY AND CODES
 - NO REQUIREMENT TO THESE DRAWINGS AND SPECIFICATIONS SHALL BE CONSTRUCTED TO VOID ANY OF THE PROVISIONS OF THE ABOVE SPECIFICATIONS AND STANDARDS.
- C. PERMITS AND INSPECTIONS UNLESS OTHERWISE SPECIFIED, THE CONTRACTOR SHALL APPLY, PAY FOR AND SCHEDULE ALL APPLICABLE PERMITS, FEES AND INSPECTIONS REQUIRED BY ANY AND ALL PUBLIC AUTHORITIES HAVING JURISDICTION AND REQUIRING INSPECTION AND THE OWNER.
- D. WORKMANSHIP AND MATERIALS
- WORKMANSHIP SHALL BE OF THE BEST QUALITY AND NONE BUT COMPETENT PERSONNEL SKILLED IN THEIR TRADE SHALL BE EMPLOYED. THE CONTRACTOR SHALL FURNISH THE SERVICES OF AN EXPERIENCED SUPERINTENDENT, WHO WILL BE IN CHARGE OF THE EXECUTION OF WORK, UNTIL COMPLETED AND ACCEPTED.
 - UNLESS OTHERWISE HEREIN AFTER SPECIFIED, ALL MATERIALS AND EQUIPMENT UNDER THIS DIVISION OF THE SPECIFICATIONS SHALL BE NEW, OF BEST GRADE AND AS LISTED IN PRINTED CATALOGS OF THE MANUFACTURER. EACH ARTICLE OF IT'S KIND SHALL BE THE STANDARD PRODUCT OF A SINGLE MANUFACTURER.
 - THE OWNER'S REPRESENTATIVE SHALL HAVE THE RIGHT TO ACCEPT OR REJECT MATERIAL EQUIPMENT AND/OR WORKMANSHIP AND DETERMINE WHEN THEY HAVE COMPLIED WITH THE REQUIREMENTS HEREIN SPECIFIED.
 - ALL MANUFACTURED MATERIALS SHALL BE CLEARLY MARKED OR STAMPED WITH THE MANUFACTURER'S NAME AND RATING.
 - REFERENCE TO STANDARDS ARE INTENDED TO BE THE LATEST REVISION OF THE STANDARD SPECIFIED, OR THAT ACCEPTED BY THE AUTHORITY HAVING JURISDICTION
- E. MANUFACTURER'S RECOMMENDATIONS
- EQUIPMENT INSTALLED UNDER THIS DIVISION OF THE SPECIFICATIONS SHALL BE INSTALLED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR HEREIN SPECIFIED.
- F. GUARANTEES
- ALL MATERIALS AND EQUIPMENT PROVIDED AND INSTALLED UNDER THIS SECTION SHALL BE GUARANTEED FOR A MINIMUM OF ONE YEAR. SHOULD ANY TROUBLE OR MALFUNCTIONS DEVELOP DURING THIS PERIOD DUE TO DEFECTIVE MATERIALS OR FAULTY WORKMANSHIP, THE CONTRACTOR WILL BE HELD LIABLE AND SHALL FURNISH LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CORRECT THE TROUBLE OR MALFUNCTION WITHOUT ADDITIONAL COST TO THE OWNER. ALL DEFECTIVE MATERIAL OR INFERIOR WORKMANSHIP NOTICED DURING THE TIME OF INSTALLATION SHALL BE CORRECTED IMMEDIATELY TO THE ENTIRE SATISFACTION OF THE ARCHITECT, ENGINEER AND OWNER, AT NO ADDITIONAL COST.
- G. DEFINITIONS
- FURNISH: TO SUPPLY AND DELIVER, UNLOAD, INSPECT FOR DAMAGE.
 - INSTALL: TO UNPACK, ASSEMBLE, ERECT, APPLY, PLACE, FINISH, CURE, PROTECT, CLEAN, AND MAKE READY FOR USE.
 - PROVIDE: TO FURNISH AND INSTALL.
- H. SUBMITTALS
- PROVIDE SHOP DRAWINGS AND MANUFACTURER'S LITERATURE OF MATERIALS AND EQUIPMENT AS REQUIRED IN THE GENERAL CONDITIONS, AS DIRECTED BY THE OWNER'S REPRESENTATIVE AND AS LISTED BELOW.
 - CATALOG CUTS
 - CONDUIT AND FITTINGS
 - RIGID METAL
 - INTERMEDIATE METAL
 - ELECTRICAL METALLIC TUBING
 - FLEXIBLE METALLIC
 - LIQUID TIGHT FLEXIBLE METALLIC
 - FITTINGS (EACH TYPE)
 - WIRE AND CABLE
 - SWITCHES
 - SNAP
 - OCCUPANCY SENSOR
 - RECEPTACLE OUTLETS
 - GENERAL PURPOSE
 - GROUND FAULT CIRCUIT INTERRUPTION
 - TRIM AND COVER PLATES (EACH TYPE AND STYLE)
 - PANEL BOARDS
 - SAFETY SWITCHES
 - LIGHTING FIXTURES
 - NAMEPLATES
 - SHOP DRAWINGS
 - PANEL BOARDS
 - LIGHTING FIXTURES

THE ABOVE IS A STANDARD SUBMITTAL REQUIREMENT LIST. ELECTRICAL CONTRACTOR SHALL SUBMIT ALL APPLICABLE ITEMS FOR REVIEW. MATERIAL NOT SUBMITTED AND APPROVED BY THE ARCHITECT, ENGINEER OR OWNER'S REPRESENTATIVE SHALL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTORS COST IF DIRECTED BY THE ARCHITECT, ENGINEER OR THE OWNER'S REPRESENTATIVE.

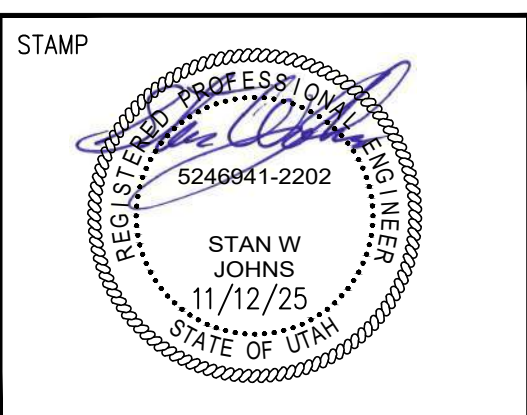
- PART 2 – MATERIALS
- A. GENERAL
- MATERIALS AND EQUIPMENT SHALL BE STANDARD CATALOGED PRODUCTS OF MANUFACTURERS REGULARLY ENGAGED IN THE MANUFACTURE OF THE PRODUCT UL LISTED, AND SHALL BE THE LATEST STANDARD DESIGN THAT CONFORMS TO SPECIFIED MATERIALS AND EQUIPMENT.
- B. RACEWAY AND CABLE
- ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE SHALL BE USED IN INTERIOR DRY LOCATIONS. MC CABLE FOR POWER TO LUMINAIRES.
 - GALVANIZED FLEXIBLE STEEL (FMC) OR LIQUID TIGHT STEEL (LFMC) CONDUIT SHALL BE USED FOR CONNECTIONS TO MECHANICAL EQUIPMENT AND TRANSFORMERS AND AS INDICATED. LIQUID TIGHT CONDUIT SHALL BE USED IN EXTERIOR AND WET/DAMP LOCATIONS.
 - SCHEDULE 40 PVC (WITH PVC COATED OR VINYL TAPE DOUBLE WRAPPED RIGID STEEL ELBOWS AND RISES) SHALL BE USED FOR RUNS THAT ARE IN CONTACT WITH THE EARTH.
 - 3/4" CONDUIT SHALL BE THE MINIMUM SIZE CONDUIT.
 - OUTDOOR AND WET OR DAMP LOCATIONS: PROVIDE RIGID STEEL CONDUIT OR LFMC.
 - NM TYPE CABLE AS ALLOWED BY THE NEC.
 - SER TYPE CABLE AS ALLOWED BY THE NEC.
 - ALL CABLES AND CONDUITS ALLOWED BY THE NEC FOR THE APPLICATION.
- C. FITTINGS
- ALL FITTINGS SHALL BE STEEL/MALLEABLE IRON WITH INSULATING BUSHINGS.
- D. OUTLET AND JUNCTION BOXES
- BOXES IN INTERIOR DRY LOCATIONS SHALL BE GALVANIZED ONE-PIECE PRESSED STEEL, KNOCKOUT TYPE, NOT LESS THAN 4 INCHES SQUARE AND 2 1/8" DEEP; APPLETON, RACO, OR EQUAL AND AS SHOWN ON THE DRAWINGS.
 - BOXES SHALL BE EQUIPPED WITH PLASTER RINGS, EXTENSION RINGS, AND FIXTURE STUDS AS REQUIRED.
 - PROVIDE FLUSH MOUNTING OUTLET BOX IN FINISHED AREAS.



OWNERSHIP OF DOCUMENTS

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LINFORD DENTAL OFFICE TI
 3838 S 700 E #200
 SALT LAKE CITY, UT 84106
 SHEET TITLE ELECTRICAL SPECIFICATIONS

REVISIONS	
NO.	DESCRIPTION

ISSUE DATE: 11/12/25
 ISSUE TYPE: PERMIT
 DRAWN BY: JLC
 CHECKED BY: SJW

E4.0

Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [F117]P	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.1.1 [F157]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building, equipment and systems are intended to be installed, maintained, and operated.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.2.5 [F116]P	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C408.3 [F133]P	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 | High Impact (Tier 1) 2 | Medium Impact (Tier 2) 3 | Low Impact (Tier 3)

Project Title: Linford Dental SSL Report date: 11/12/25
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.3.1 [EL22]P	Spaces required to have light-reduction controls have a manual control that allows the occupant to reduce the connected lighting load in a reasonably uniform illumination pattern \geq 50 percent.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1.1 [EL18]P	Occupancy sensors installed in classrooms/lecture/training rooms, conference/meeting/multipurpose rooms, copy/print rooms, lounges/breakrooms, enclosed offices, open plan office areas, restrooms, storage rooms, locker rooms, corridors, warehouse storage areas, and other spaces \leq 300 sqft that are enclosed by floor-to-ceiling height partitions. Reference section language C405.2.1.2 for control function in warehouses and section C405.2.1.3 for open plan office spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1.2 [EL19]P	Occupancy sensors control function in warehouses: in warehouses, the lighting in aiseways and open areas is controlled with occupant sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the areas are unoccupied. The occupant sensors control lighting in each aiseway independently and do not control lighting beyond the aiseway being controlled by the sensor. Lights not turned off by occupant sensors is done so by time-switch.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.1.3 [EL20]P	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces \geq 300 sq.ft. have controls 1) configured so that general lighting can be controlled separately in control zones with floor areas \leq 600 sq.ft. within the space, 2) general lighting in each zone permitted to turn on upon occupancy in control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) are configured so that general lighting power in each control zone is reduced by \geq 80% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.2.1, C405.2.2.2 [EL21]P	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

1 | High Impact (Tier 1) 2 | Medium Impact (Tier 2) 3 | Low Impact (Tier 3)


Project Title: Linford Dental SSL Report date: 11/12/25
Data filename: Page 3 of 5

Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.4.1, C405.2.4.2 [EL23]P	Daylight zones provided with individual controls that control the lights independent of general area lighting. See code section C405.2.3 applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelit zone	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.2.5 [EL27]P	Additional interior lighting power allowed for special functions per the approved lighting plans, and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.7 [EL26]P	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.8 [EL27]P	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.9.1, C405.9.2 [EL28]P	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.10 [EL29]P	Total voltage drop across the combination of feeders and branch circuits \leq 5%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.1.1 [EL30]P	At least 90% of dwelling unit permanently installed lighting shall have lamp efficacy \geq 65 lm/W or luminaires with efficacy \geq 45 lm/W or comply with C405.2.4 or C405.3.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
C405.11.1 [EL31]P	50% of 15/20 amp receptacles installed in enclosed offices, conference rooms, copy rooms, break rooms, classrooms and workstations and $>$ 25% of branch circuit feeders for modular furniture will have automatic receptacle control in accordance with C405.11.1.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 | High Impact (Tier 1) 2 | Medium Impact (Tier 2) 3 | Low Impact (Tier 3)

Project Title: Linford Dental SSL Report date: 11/12/25
Data filename: Page 4 of 5


COMcheck Software Version COMcheckWeb
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: Linford Dental SSL
Project Type: Alteration

Construction Site: 1300 W 9000 S, West Jordan, Utah 84088
Owner/Agent: THINK Architecture
Designer/Contractor: Stan Johns, Maxx LLC


Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1-Health Care-Clinic	2410	0.81	1952
Total Allowed Watts =			1952

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Watt.	E (C X D)
Health Care-Clinic (2410 sq.ft.)				
LED: F1: 2x4 Troffer: Other:	1	23	40	920
LED: F2: 10"x4" Surface Wrap: Other:	1	1	41	41
LED: F3: 6" Downlight: Other:	1	39	13	507
Total Proposed Watts =			1468	


Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title: Stan W. Johns Signature:  Date: 11/12/25

Project Title: Linford Dental SSL Report date: 11/12/25
Data filename: Page 1 of 5


COMcheck Software Version COMcheckWeb
Inspection Checklist

Energy Code: 2021 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]P	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

1 | High Impact (Tier 1) 2 | Medium Impact (Tier 2) 3 | Low Impact (Tier 3)

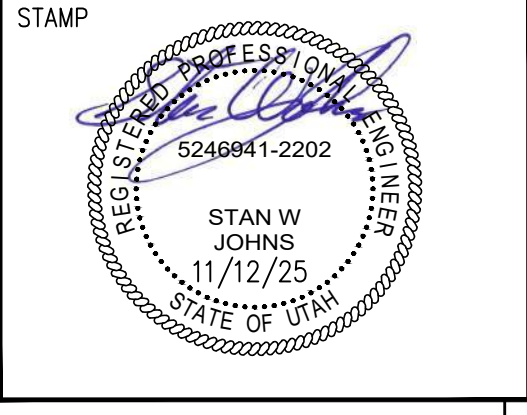
Project Title: Linford Dental SSL Report date: 11/12/25
Data filename: Page 2 of 5



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LINFORD DENTAL OFFICE TI
 3838 S 700 E #200
 SALT LAKE CITY, UT 84106
 SHEET TITLE COMPLIANCE REPORT

REVISIONS	
NO.	DESCRIPTION

ISSUE DATE: 11/12/25
ISSUE TYPE: PERMIT
DRAWN BY: JLC
CHECKED BY: SJW

E5.0

ABBREVIATIONS	
ABBREVIATION	DESCRIPTION
(E)	EXISTING
(F)	FUTURE
AD	ACCESS DOOR
AF	ABOVE FINISHED FLOOR
AIR COND	AIR CONDITION (-ING, -ED)
APD	AIR PRESSURE DROP
BD	BALANCING DAMPER
BHP	BRAKE HORSE POWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU/HOUR
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
COND	CONDENS (-ER, -ING, -ATION)
CU	CONDENSING UNIT
CV	CONTROL VALVE
DB	DRY BULB TEMPERATURE
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHUR	DOMESTIC HOT WATER RECIRC
DP	DEPTH OR DEEP
EA	EXHAUST AIR
EER	ENERGY EFFICIENT RATIO
EF	EXHAUST FAN
EFF	EFFICIENCY
ELEC	ELECTRIC
ELEV	ELEVATION
ENT	ENTERING
EVAP	EVAPORAT (-E, -ING, -ED, -OR)
EUT	ENTERING WATER TEMPERATURE
EX	EXISTING
EXT	EXTERNAL
FC	FLEXIBLE CONNECT (-OR, -ION)
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FPI	FIN ² PER INCH
FFM	FEET PER MINUTE
FP ²	FEET PER SECOND
FSD	FIRE SMOKE DAMPER
GC	GENERAL CONTRACTOR
GE	GREASE EXHAUST
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HD	HEAD
HG	MERCURY
HP	HORSEPOWER
HR	HOUR
HT	HEIGHT
HTG	HEATING
HZ	HERTZ (FREQUENCY)
ID	INSIDE DAMPER
IN	INCH
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LG	LENGTH
LH	LATENT HEAT
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LWT	LEAVING WATER TEMPERATURE
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MFR	MANUFACTUR (-ER, -ED)
N ₂ O	NITROUS OXIDE
NC	NOISE CRITERIA
NIC	NOT IN CONTACT
NO	NORMALLY OPEN
NP ^{SH}	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
O ₂	OXYGEN
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP OR DIFFERENCE
PG	PROPYLENE GLYCOL
PH	PHASE
PPM	PARTS PER MILLION
PRESS	PRESSURE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ABSOLUTE
PSIG	PSI GAUGE
R	THERMAL RESISTANCE
RA	RETURN AIR
RECIRC	RECIRCULATE
REFR	REFRIGERATION
REQD	REQUIRED
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
SA	SUPPLY AIR
SC	SHADING COEFFICIENT
SCFM	STANDARD CUBIC FEET PER MINUTE
SCW	SOFT COLD WATER
SF	SAFETY FACTOR
SH	SENSIBLE HEAT
SL	SEA LEVEL
SP	STATIC PRESSURE

ABBREVIATIONS CONTINUED...	
ABBREVIATION	DESCRIPTION
SPEC(S)	SPECIFICATION(S)
SQ	SQUARE
STD	STANDARD
SW	SOIL, WASTE
TA (R)	TRANSFER AIR (RETURN)
TA (S)	TRANSFER AIR (SUPPLY)
TD	TEMPERATURE DROP OR DIFFERENCE
TEMP	TEMPERATURE
TOT	TOTAL
TSTAT	THERMOSTAT
TYP	TYPICAL
V	VOLT
V	VENT
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VEL	VELOCITY TEMPERATURE
VEL	VELOCITY
VENT	VENTILATION
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
VTR	VENT THRU ROOF
WB	WET BULB
WC	WATER COLUMN
WD	WASHER & DRYER
WG	WATER GAUGE
WH	WATER HEATER
WPD	WATER PRESSURE DROP
WT	WEIGHT
WTR	WATER

MECHANICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
	EXHAUST FAN
	2 SLOT DIFFUSER
	4 SLOT DIFFUSER
	ROUND DIFFUSER
	AIR FLOW DIRECTION
	SQUARE 30
	SQUARE 45
	FLEX
	VAV BOX
	DAMPER
	BYPASS DAMPER
	THERMOSTAT
	KEYED NOTE
	CONCENTRIC VENT KIT
	DIFFUSER/CFM TAG
	EQUIPMENT TAG
	RETURN AIR GRILLE TAG

PLUMBING SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	BALL
	BUTTERFLY
	2-WAY AUTO
	3-WAY
	GATE (SHUT-OFF)
	MIXING
	CHECK
	UNION
	STRAINER
	PRV
	PRESS. RELIEF
	V.L.V. IN RISER
	BALANCE V.L.V. (CIRCUIT SET)
	BACKFLOW PREVENT.
	PUMP
	AIR SEPARATOR
	THERMOSTAT
	GAUGE
	VIB. ISO.
	DIR. ARROW
	BREAK
	TEE
	RISER TEE
	RISER
	HOSE BIBB
	CLEAN OUT
	FCO
	FLOOR DRAIN
	FLOOR SINK
	PLUMBING EQUIP.
	ROOF DRAIN
	SENSOR

MATERIAL SPECIFICATIONS	
MECHANICAL SPECIFICATIONS (UNLESS NOTED OTHERWISE)	
LOW PRESSURE RECTANGULAR DUCT AND ROUND DUCT	
SUPPLY DUCT - SINGLE WALL SHEET METAL.	
RETURN DUCT - SINGLE WALL SHEET METAL.	
EXHAUST DUCT - SINGLE WALL SHEET METAL.	
COMBUSTION AIR DUCT - SINGLE WALL SHEET METAL.	
BELOW GRADE DUCT (ROUND OR RECTANGULAR)	
SUPPLY DUCT - SINGLE WALL SHEET METAL WITH PV6 COATING.	
RETURN DUCT - SINGLE WALL SHEET METAL WITH PV6 COATING.	
FLUE PIPING	
SINGLE WALL - ALUMINUM SINGLE WALL (SEE DRAWING FOR LOCATIONS).	
DOUBLE WALL - ALUMINUM B-VENT PIPE.	
PVC - CONDENSING FURNACES TO BE DWG.	
PLUMBING SPECIFICATIONS (UNLESS NOTED OTHERWISE)	
ABOVE GRADE PIPING	
SANITARY WASTE - SCH40 PVC DWV PIPE WITH SOLVENT GLUED DWV FITTINGS.	
SANITARY VENT - SCH40 PVC WITH SOLVENT GLUED DWV FITTINGS.	
DOMESTIC COLD WATER - 2" AND SMALLER - BLUE PEX TUBING WITH POLY-ALLOY CRIMPED FITTINGS.	
DOMESTIC COLD WATER - 2" AND LARGER - AQUATHERM OR CFVC PIPE WITH GLUED FITTINGS.	
DOMESTIC HOT WATER - RED PEX TUBING WITH POLY-ALLOY CRIMPED FITTINGS. 1" FIBERGLASS INSULATION.	
CONDENSATE DRAINS - (INSIDE) SCH40 PVC WITH SOLVENT CEMENT JOINTS.	
CONDENSATE DRAINS - (OUTSIDE) TYPE 'M' CU TUBING WITH SOLDER JOINTS.	
NATURAL GAS - 2" AND UNDER SCH40 BLACK PIPE WITH THREADED JOINTS.	
NATURAL GAS - 2 1/2" AND OVER SCH40 BLACK PIPE WITH WELDED JOINTS.	
BELOW GRADE PIPING	
SANITARY WASTE - SCH40 PVC DWV PIPE WITH SOLVENT GLUED DWV FITTINGS	
ROOF DRAINS - SCH40 PVC DWV PIPING WITH SOLVENT GLUED DWV FITTINGS.	
DOMESTIC WATER - TYPE 'K' COPPER TUBING WITH LEAD-FREE SOLDER JOINTS.	
DOMESTIC PIPING INSULATION	
1" FIBERGLASS INSULATION FOR PIPING 1 1/2" AND SMALLER	
1 1/2" FIBERGLASS INSULATION FOR PIPING 1 1/2" AND LARGER	

SHEET INDEX	
SHEET	DESCRIPTION
MP-0	MECHANICAL & PLUMBING COVER SHEET
M-1	MECHANICAL DEMO PLAN
M-2	MECHANICAL FLOOR PLAN
M-3	MECHANICAL SCHEDULES & DETAILS
P-1	PLUMBING WATER PIPING PLAN
P-2	PLUMBING WASTE & VENT PLAN
P-3	PLUMBING MED GAS PLAN
P-4	PLUMBING SCHEDULES & DETAILS

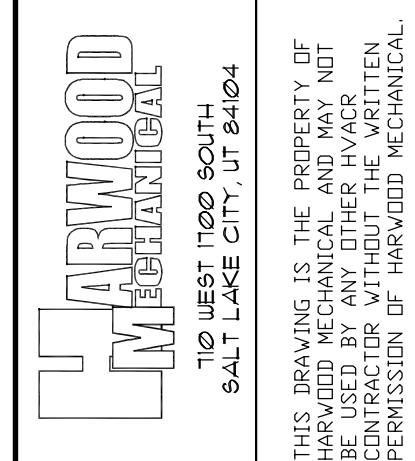
MECHANICAL NOTES

- ALL WORK PROVIDED BY DIVISION 23 SHALL BE IN ACCORDANCE WITH 2021 IMC, IBC, IECC, NEC, NRC, NFPA AND ASHRAE 183.
- COORDINATE LOCATION OF CEILING DIFFUSERS AND GRILLES WITH FIRE SPRINKLER LOCATIONS AND REFLECTED CEILING PLANS.
- DUCTWORK ROUTING AS SHOWN ON DRAWINGS IS DIAGRAMMATIC ONLY. OFFSETS AND TRANSITIONS MAY BE REQUIRED TO COORDINATE WITH OTHER TRADES AND SHALL BE PROVIDED AT NO ADDITIONAL COST.
- ALL DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEET METAL ACCORDING TO CURRENT EDITION OF THE SMACNA DUCT CONSTRUCTION STANDARDS. FIBERGLASS DUCTBOARD WILL NOT BE ALLOWED.
- THERMOSTATS SHALL BE SEVEN DAY PROGRAMMABLE WITH AUTO CHANGEOVER.
- ALL DUCTWORK SHALL BE SIZED BY USING THE EQUAL FRICTION METHOD.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES, LIGHTS, CEILING DIFFUSERS, AND FIRE SPRINKLERS.
- ALL DUCT SIZES LISTED IN THESE DRAWINGS ARE INSIDE CLEAR DIMENSIONS UNLESS NOTED OTHERWISE.
- ALL MATERIALS INSTALLED IN AN AREA ABOVE THE CEILING DESIGNATED AS A RETURN AIR PLENUM MUST BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84.
- PROVIDE AIR BALANCING REPORTS TO BUILDING INSPECTOR PRIOR TO FINAL INSPECTION.
- THE TOP OF ALL THERMOSTATS TO BE INSTALLED 48" UP FROM FLOOR.

GENERAL EQUIPMENT NOTES

- ALL CAPACITIES ARE AT JOB SITE CONDITIONS & ARE MINIMUM CAPACITY.
- VERIFY ALL REQUIRED SERVICE CONNECTIONS INCLUDING ELECTRICAL CHARACTERISTICS FOR ALL EQUIPMENT PRIOR TO ORDERING EQUIPMENT.
- ALL EQUIPMENT SHALL BE INDEPENDENTLY SUPPORTED FROM STRUCTURAL MEMBERS.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE HVAC EQUIPMENT CHECK-IN, SAFEKEEPING, & DAMAGE.

REVISIONS



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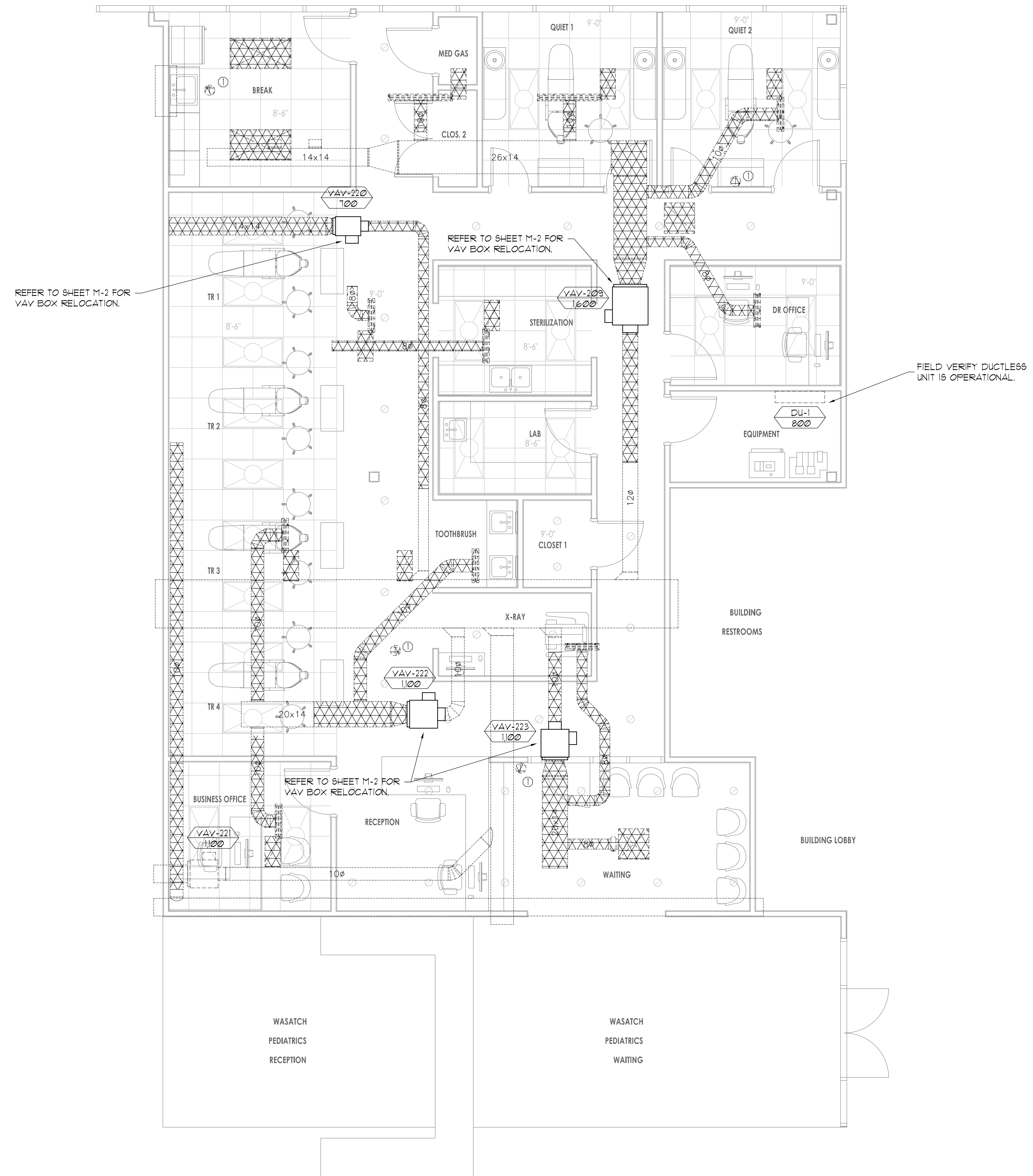
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SALT LAKE CITY, UTAH 84106

MECH. & PLUMB. COVER SHEET

DATE: NOV. 11, 2025

MP-0



KEYED NOTES

① THERMOSTAT TO BE RELOCATED.

----- INDICATES EXISTING TO REMAIN
 xxxxxxxx INDICATES DUCT TO BE REMOVED

NO.	DESCRIPTION

HARWOOD MECHANICAL
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MECHANICAL DEMO PLAN

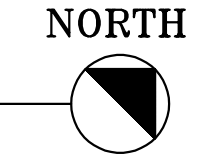
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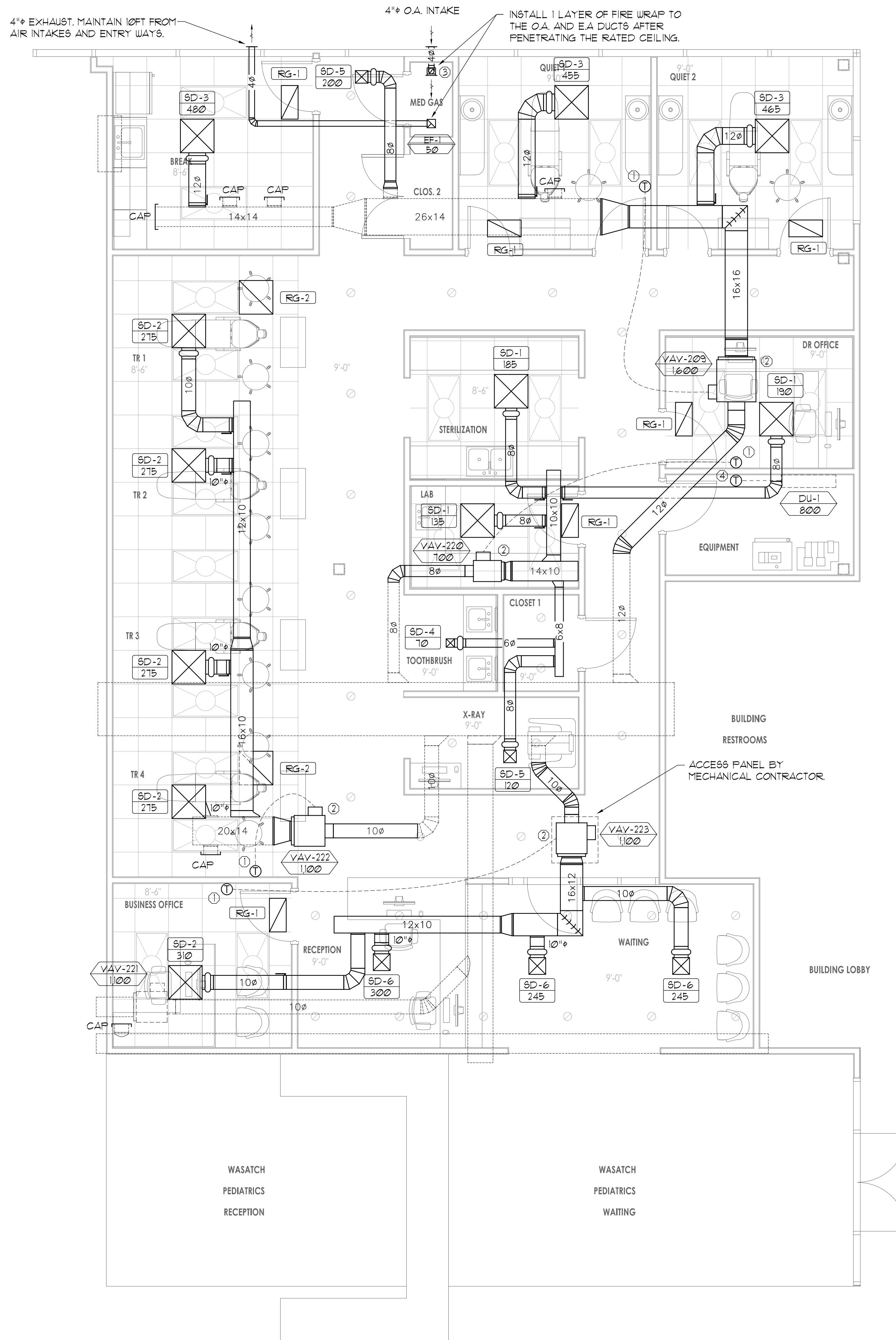
M-1

SHEET 2 OF 8

MECHANICAL DEMO PLAN

SCALE: 1/4" = 1'





KEYED NOTES

- ① THERMOSTAT TO BE RELOCATED TO THIS POSITION.
- ② VAV BOX TO BE RELOCATED TO THIS POSITION.
- ③ 6"x6" INTAKE AIR GRILLE WITH OBD AT 6" ABOVE
- ④ FINISHED FLOOR BALANCE TO 10 CFM.
- ⑤ LOCATE EXISTING THERMOSTAT IN EQUIPMENT ROOM. IF NOT FOUND, INSTALL NEW THERMOSTAT.

----- INDICATES EXISTING TO REMAIN
 _____ INDICATES NEW WORK

NO.	REVISIONS

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MECHANICAL FLOOR PLAN

DATE: NOV. 11, 2025

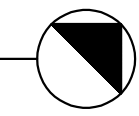
M-2

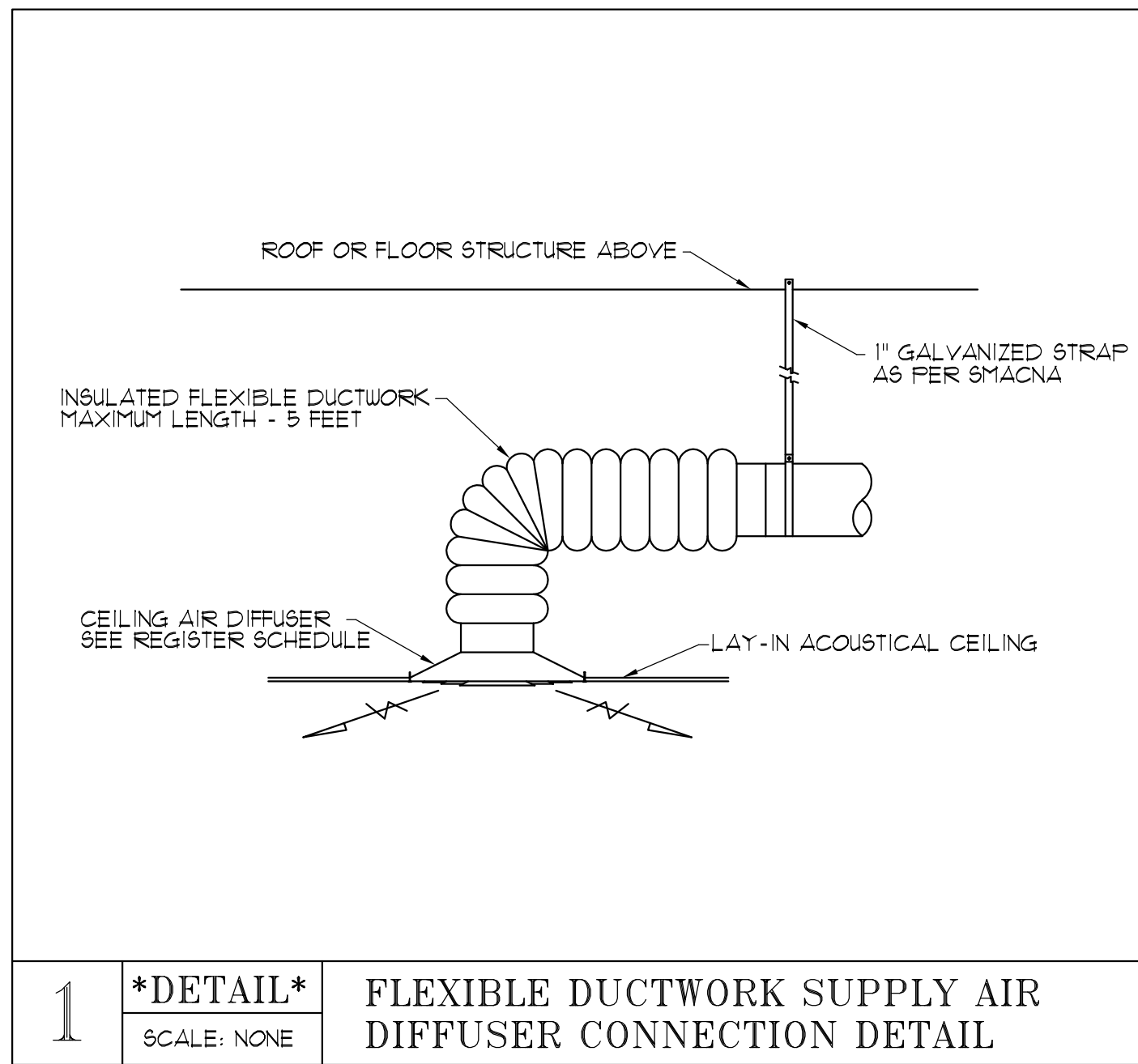
SHEET 3 OF 8

MECHANICAL FLOOR PLAN

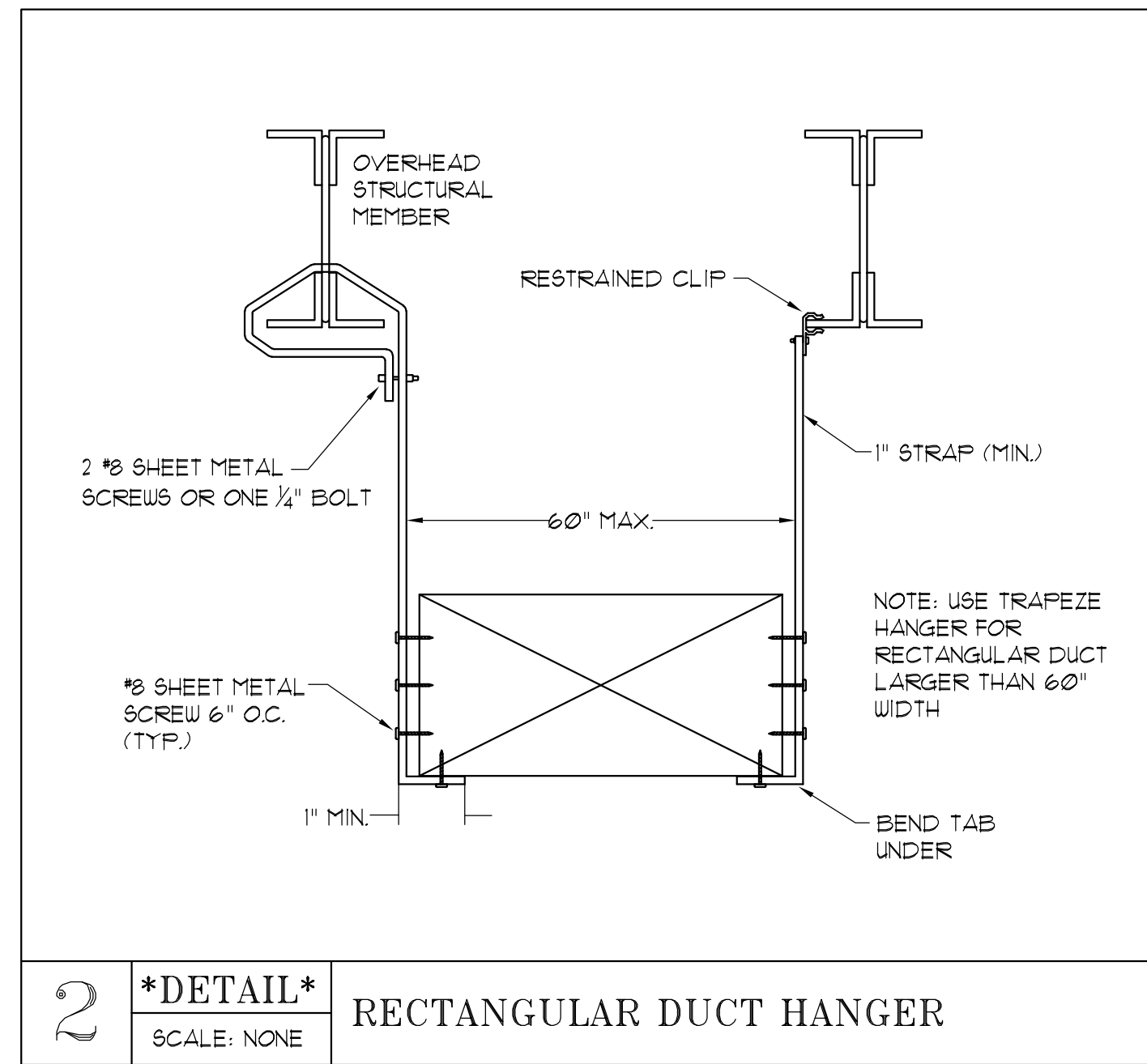
SCALE: 1/4" = 1'

NORTH

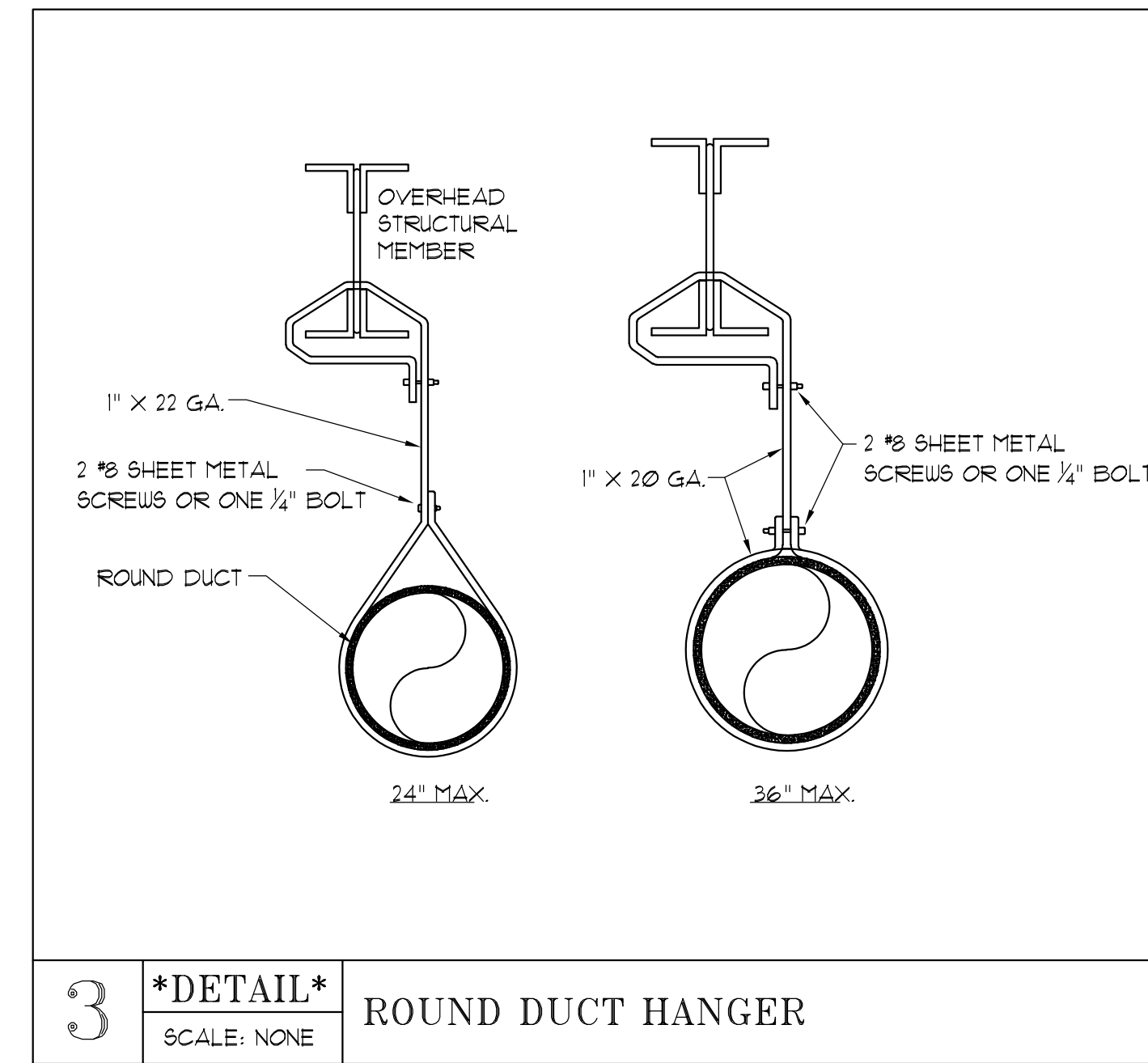




1 *DETAIL*
SCALE: NONE
FLEXIBLE DUCTWORK SUPPLY AIR DIFFUSER CONNECTION DETAIL



2 *DETAIL*
SCALE: NONE
RECTANGULAR DUCT HANGER



3 *DETAIL*
SCALE: NONE
ROUND DUCT HANGER

DIFFUSER SCHEDULE				
MAKE	TAG	MODEL	STYLE	NECK SIZE
METALAIRE	8D-1	5700	LAY-IN	8"φ
METALAIRE	8D-2	5700	LAY-IN	10"φ
METALAIRE	8D-3	5700	LAY-IN	12"φ
METALAIRE	8D-4	55006 W/ OBD	SURFACE	6"x6"
METALAIRE	8D-5	55006 W/ OBD	SURFACE	9"x9"
METALAIRE	8D-6	55006 W/ OBD	SURFACE	12"x12"
METALAIRE	RG-1	1300-6	LAY-IN	24"x12"
METALAIRE	RG-2	8RP-6	LAY-IN	24"x24"

EXISTING VAV BOX SCHEDULE				
EQUIPMENT STYLE	TAG	SIZE	COOLING MIN / MAX CFM	HEATING MIN / MAX
EXISTING REHEAT ONLY VAV	VAV-209	12"φ	120 / 1600	120 / 1200
EXISTING REHEAT ONLY VAV	VAV-220	8"φ	50 / 100	50 / 560
EXISTING REHEAT ONLY VAV	VAV-221	10"φ	110 / 1100	110 / 880
EXISTING REHEAT ONLY VAV	VAV-222	10"φ	110 / 1100	110 / 880
EXISTING REHEAT ONLY VAV	VAV-223	10"φ	110 / 1100	110 / 880

EXISTING DUCTLESS MINI-SPLIT SCHEDULE									
EQUIPMENT STYLE	TAG	MAKE	MODEL	CFM	VOLTS/PHASE	MCA	MOCP	SEER/EER	WEIGHT
EXISTING DUCTLESS UNIT	DU-1	FUJITSU	ASU24CL	800 φ 0.5"	208-230/1/60				31 lb

EXHAUST FAN SCHEDULE							
EQUIPMENT STYLE	TAG	MAKE	MODEL	CFM	A/C-HP-W	VOLTS/PHASE	REMARKS
CEILING EXHAUST FAN	EF-1	BROAN	E050	50 φ 12.5"	132 WATTS	120/1/60	FAN TO RUN CONTINUOUSLY

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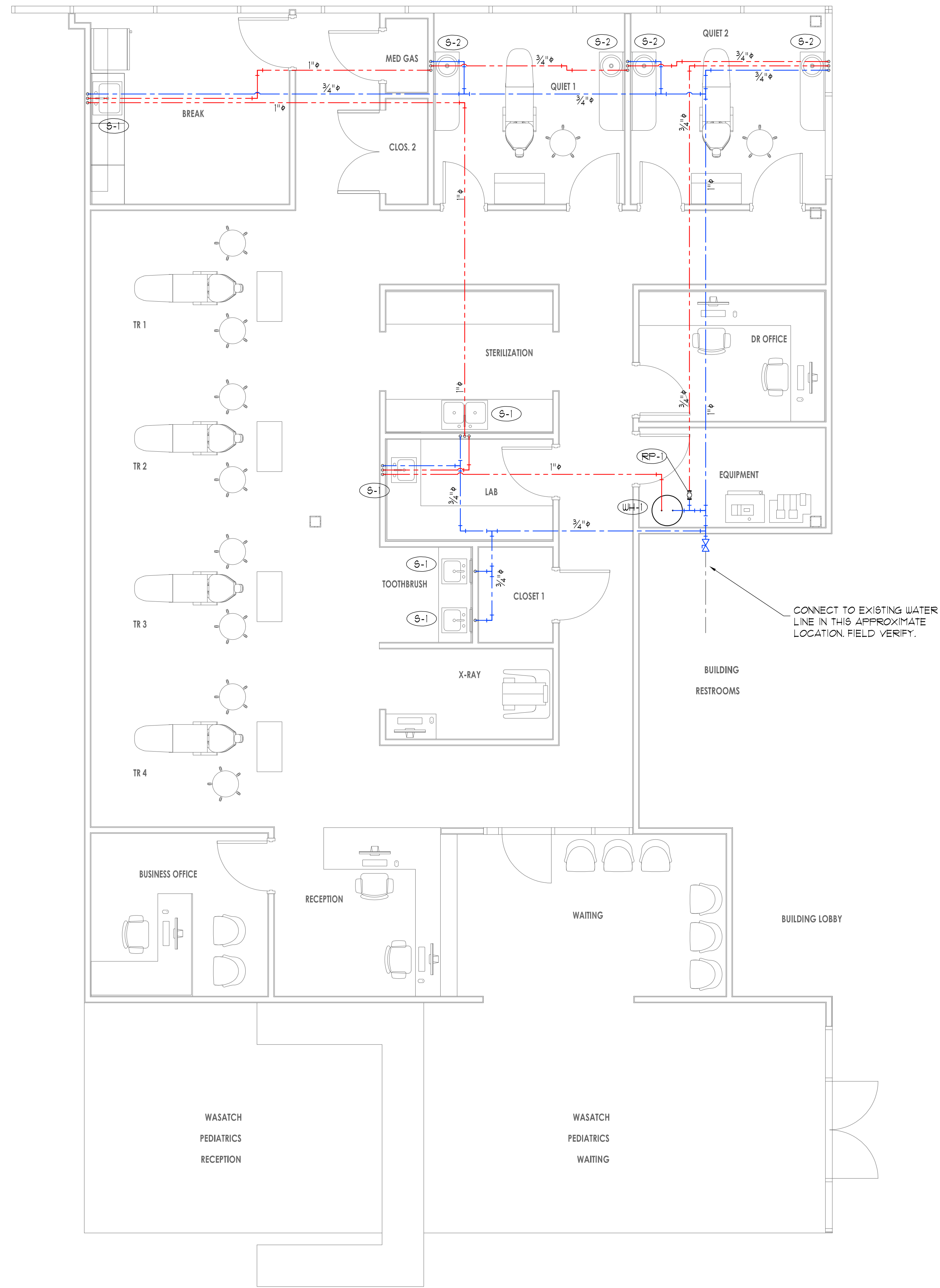
MECH. SCHEDULES & DETAILS

DATE: NOV. 11, 2025

M-3

SHEET 4 OF 8

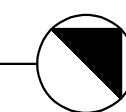




PLUMBING WATER PIPING PLAN

SCALE: 1/4" = 1'

NORTH



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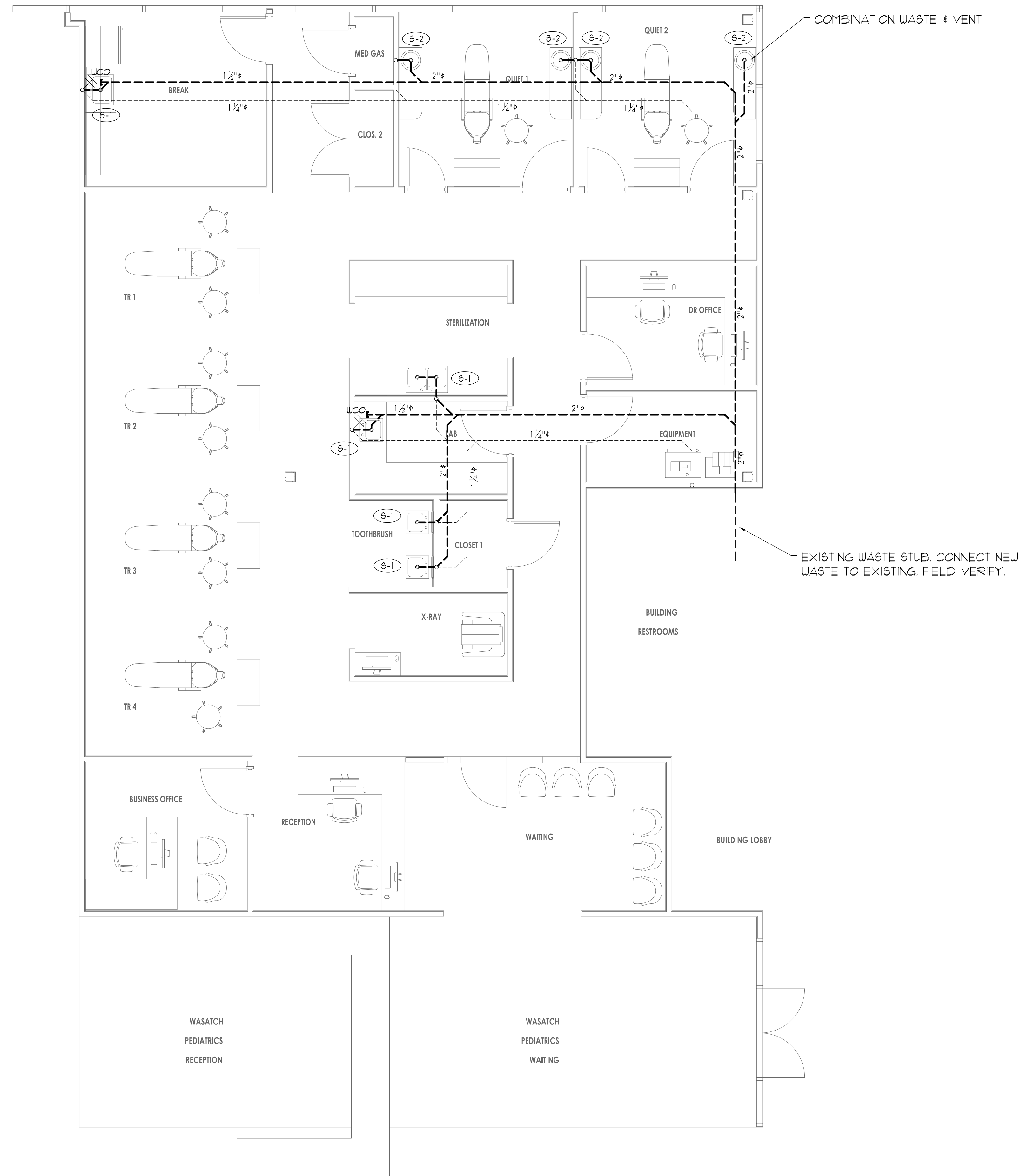
PLUMBING WATER PIPING PLAN

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DATE: NOV. 11, 2025

P-1

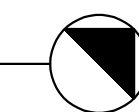
SHEET 5 OF 8



PLUMBING WASTE & VENT PLAN

SCALE: 1/4" = 1'

NORTH



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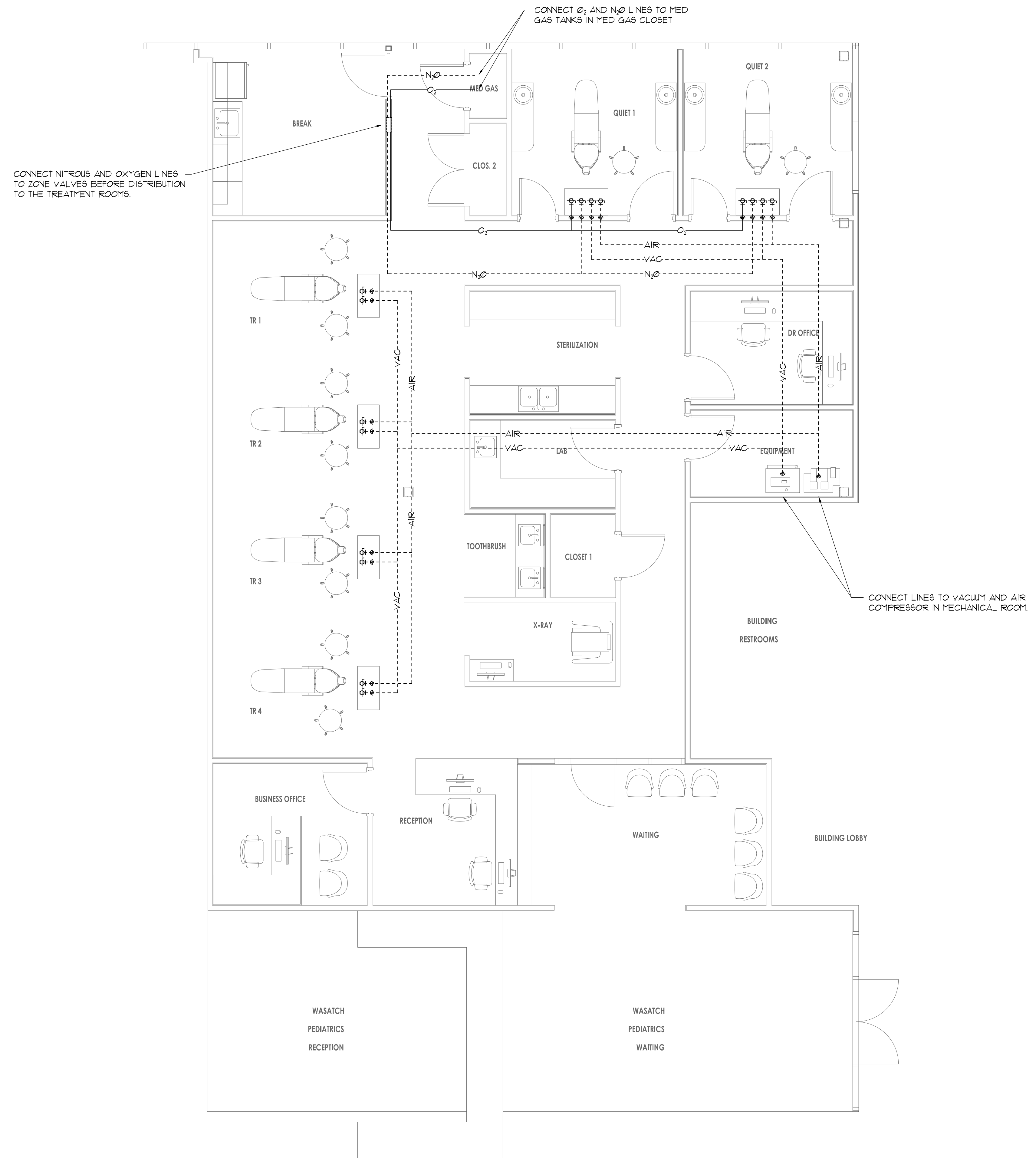
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PLUMBING WASTE & VENT PLAN

DATE: NOV. 11, 2025

P-2

SHEET 6 OF 8



- AIR----- OVERHEAD 1/2" COPPER AIRLINE
- VAC--- UNDERGROUND SCHEDULE 40 PVC VACUUM LINE
- N₂O--- OVERHEAD 3/8" N₂O COPPER MEDICAL RATED PIPE INSTALLED BY CERTIFIED PLUMBER BRAISED WITH NITROGEN PURGE.
- O₂--- OVERHEAD 1/2" O₂ COPPER MEDICAL RATED PIPE INSTALL BY CERTIFIED FLUMBER BRAISED WITH NITROGEN PURGE.

REVISIONS	

HARWOOD MECHANICAL
 116 WEST 1100 SOUTH
 SALT LAKE CITY, UT 84104

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INTERIOR DEVELOPMENT, INC.

DR. LINFORD – SOUTH SALT LAKE

3838 S 1000 E #200
 SALT LAKE CITY, UTAH 84106

PLUMBING MED GAS PLAN

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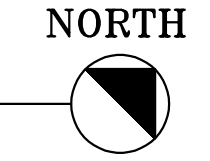
DATE: NOV. 11, 2025

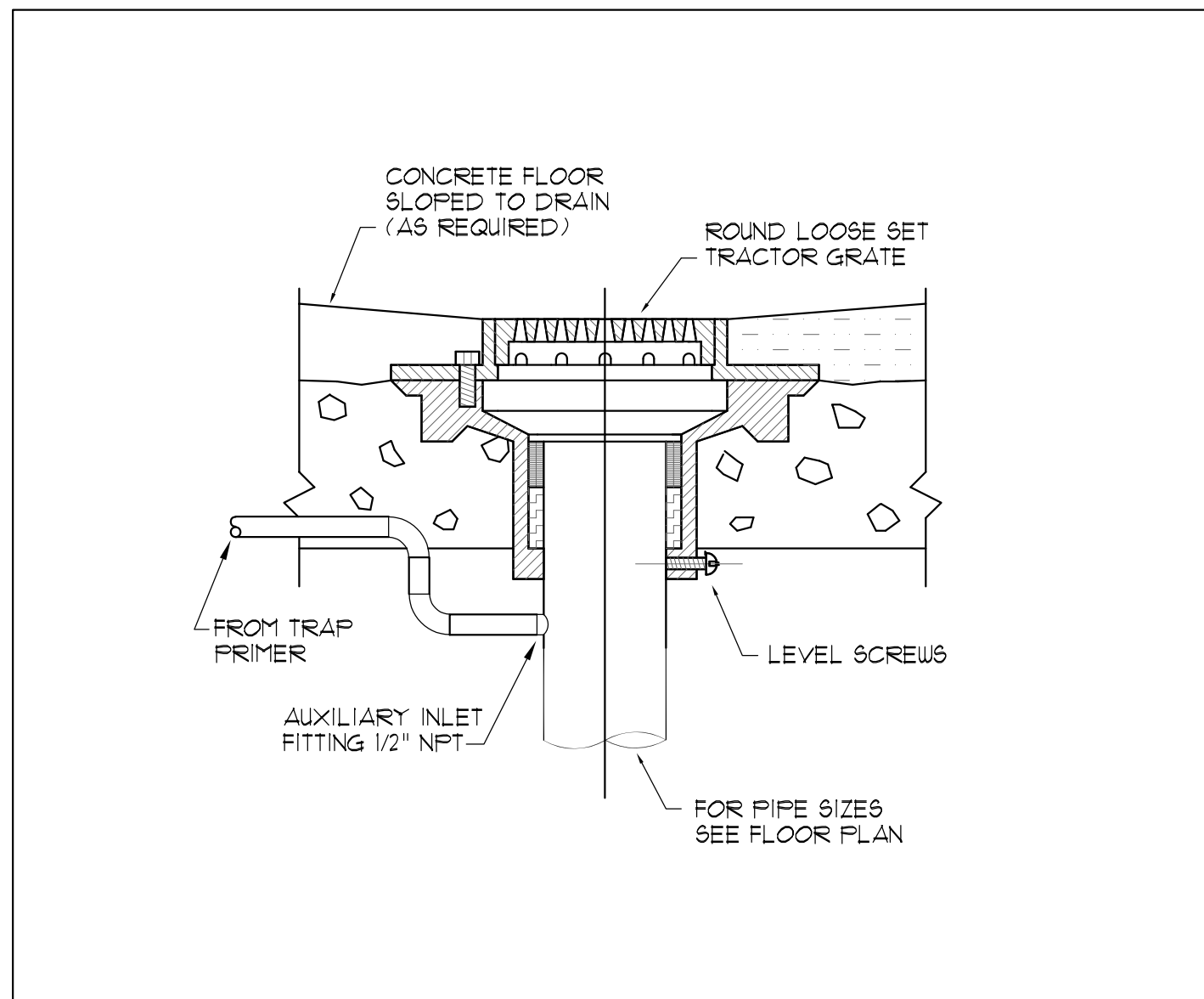
P-3

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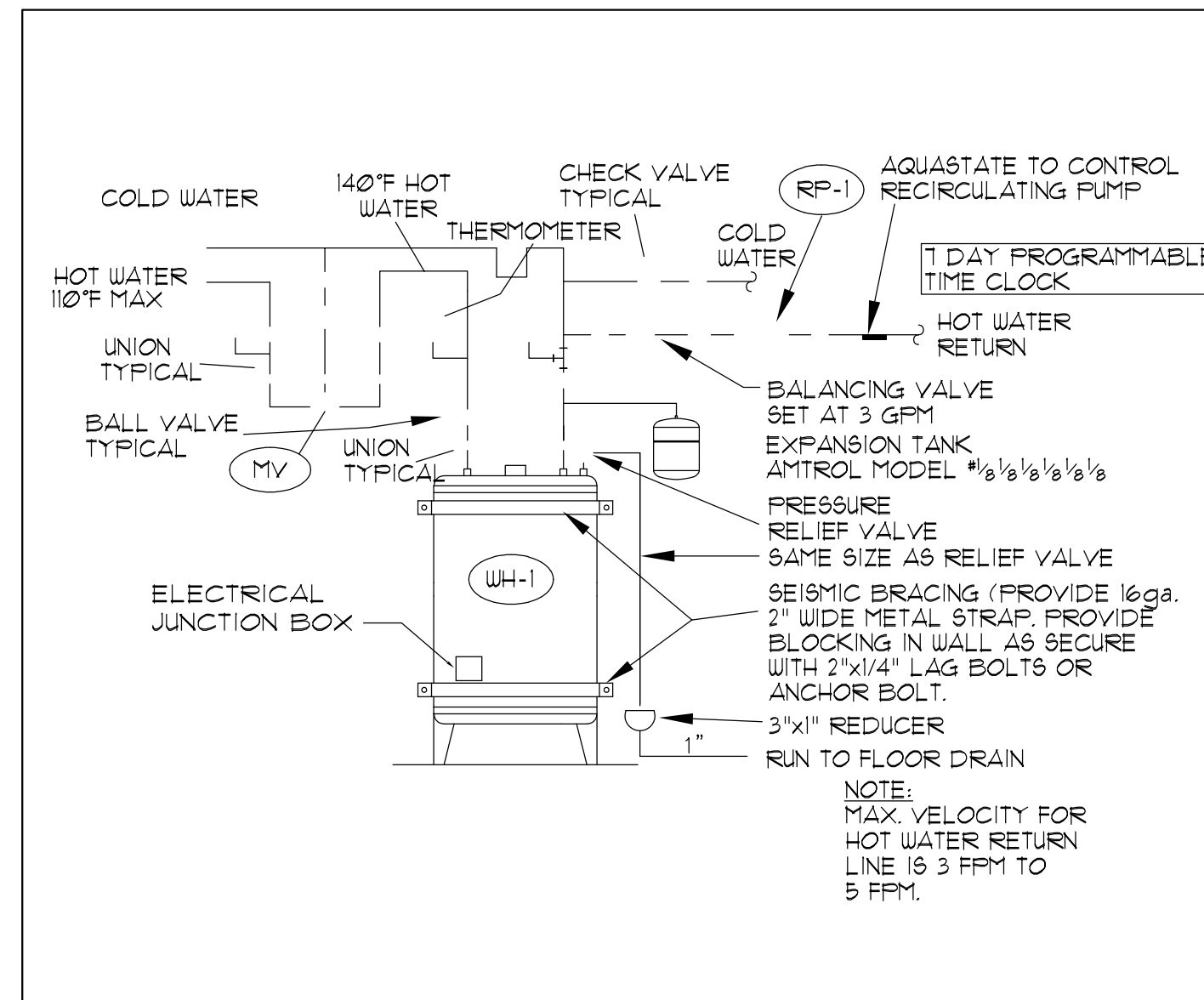
PLUMBING MED GAS PLAN

SCALE: 1/4" = 1'

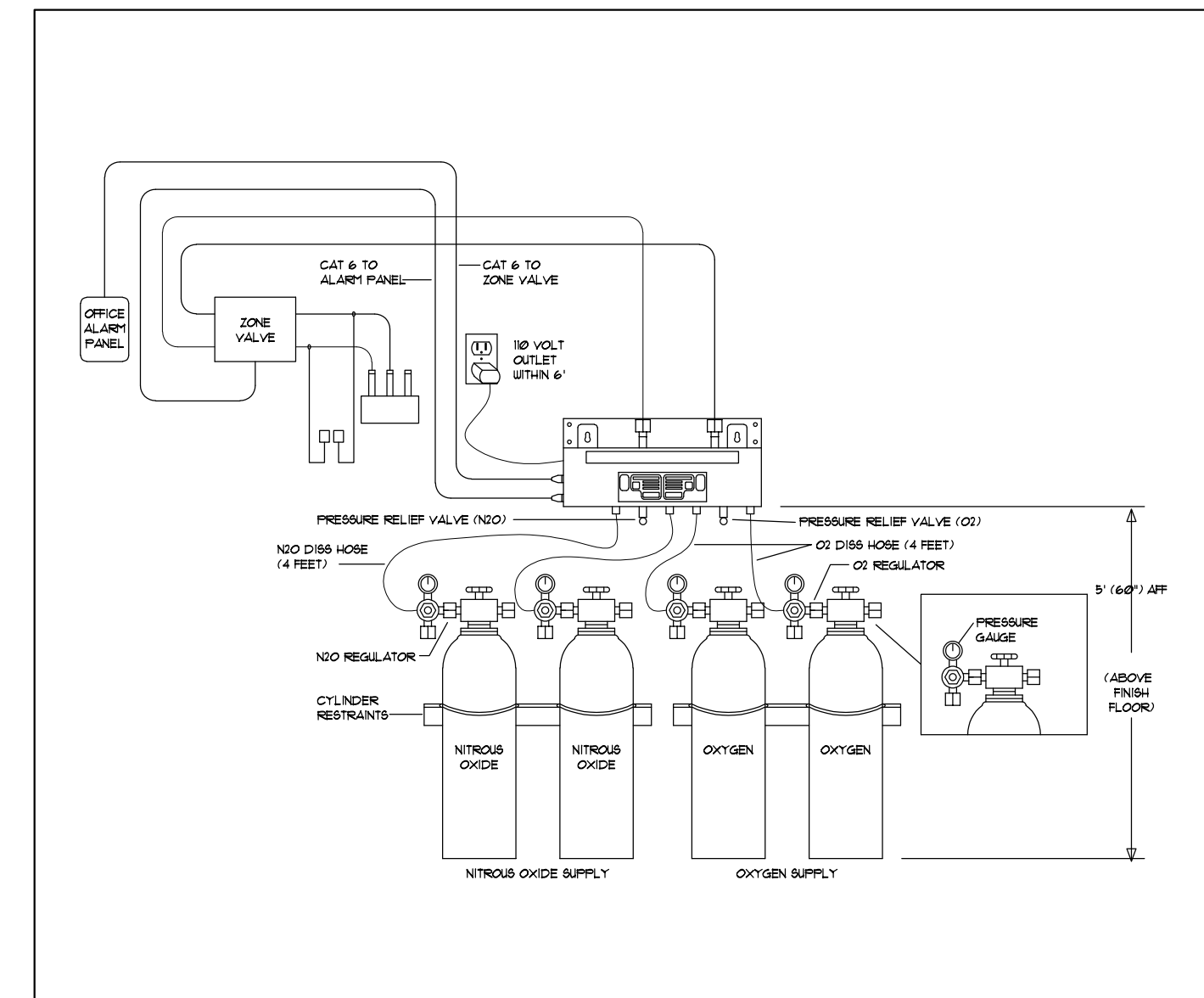




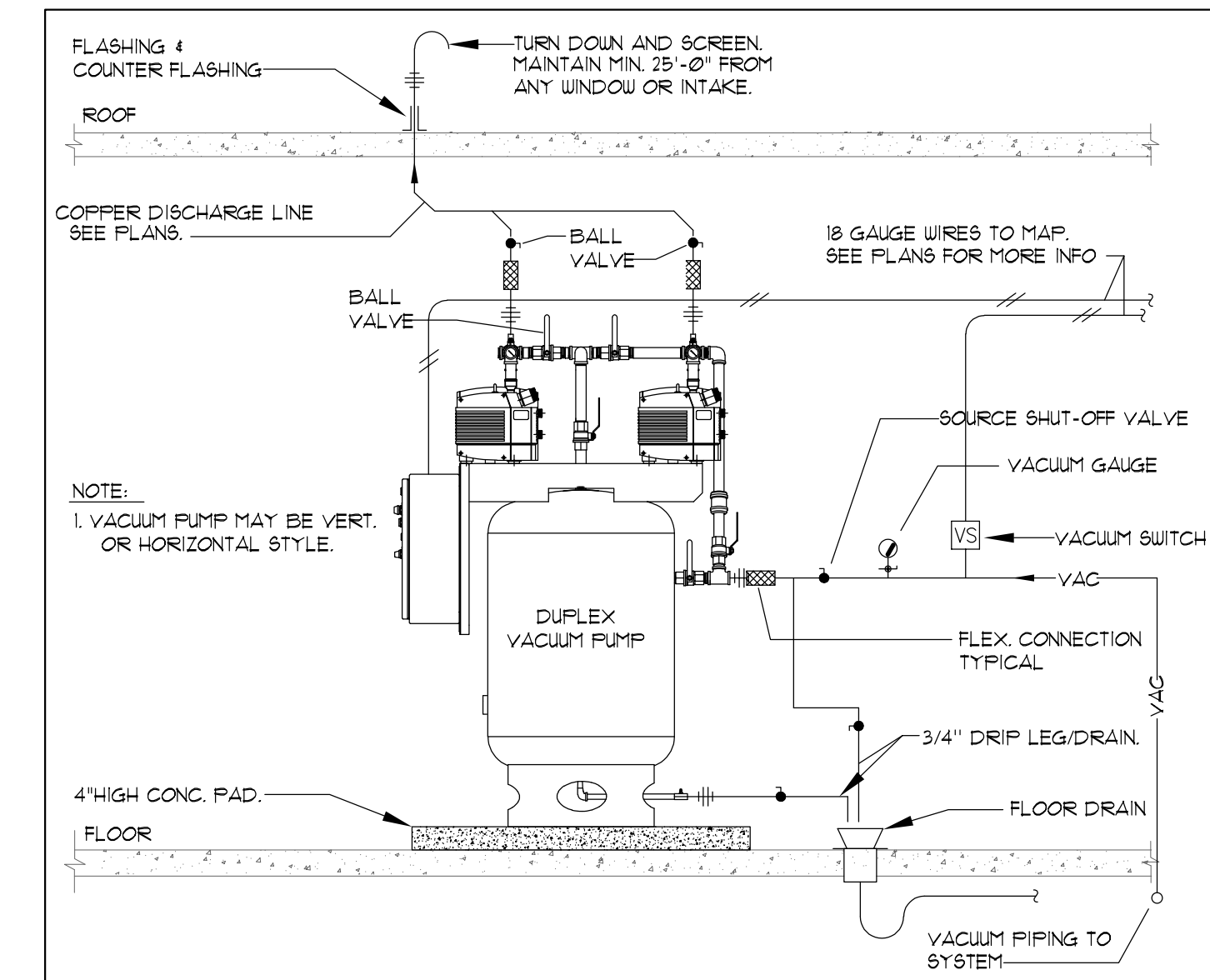
1 *DETAIL*
SCALE: NONE
FLOOR DRAIN WITH TRAP PRIMER



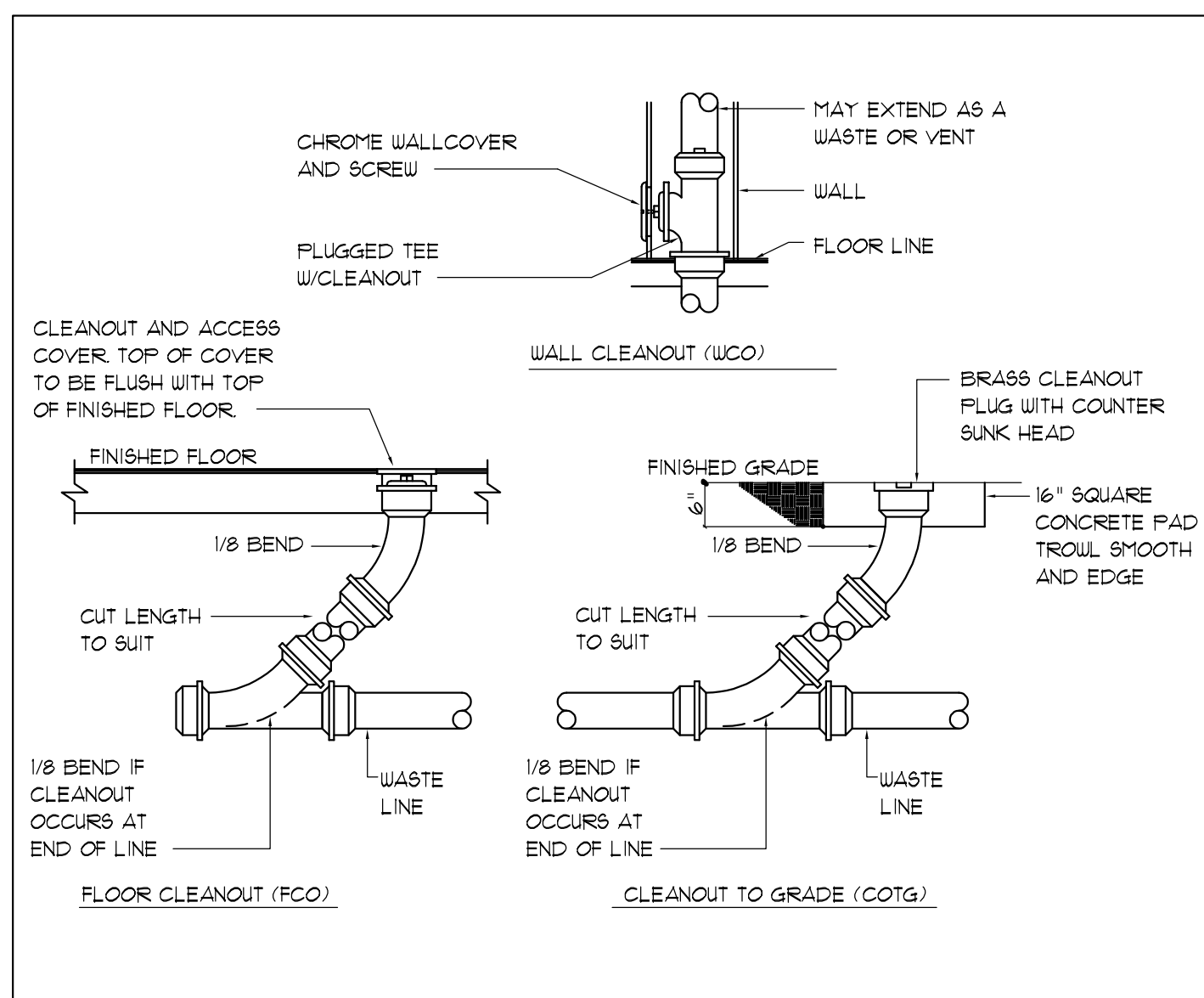
2 *DETAIL*
SCALE: NONE
ELECTRIC WATER HEATER WITH RECIRCULATING PUMP



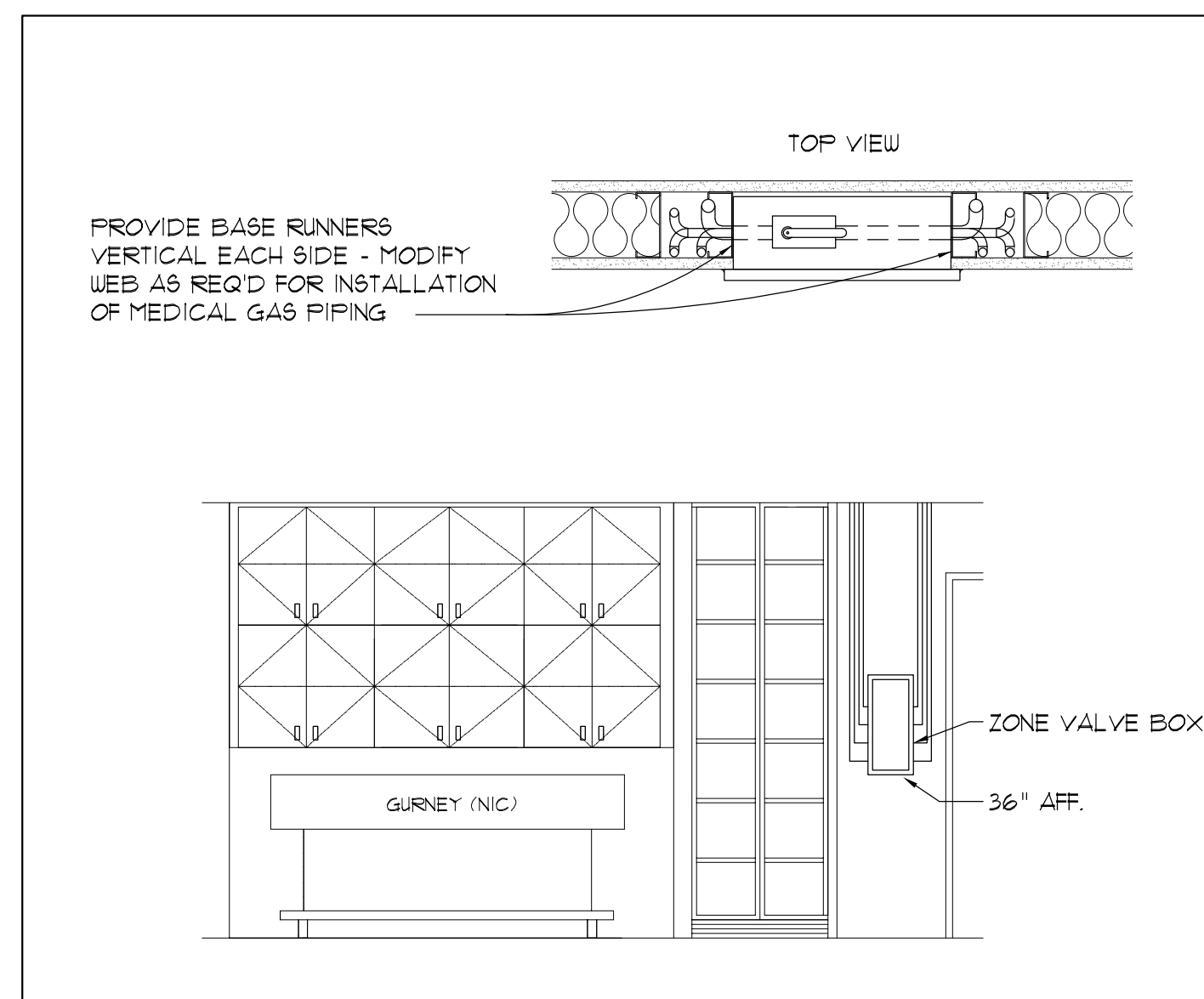
3 *DETAIL*
SCALE: NONE
NITROUS OXIDE/OXYGEN TANKS



4 *DETAIL*
SCALE: NONE
DUPLEX VACUUM PUMP



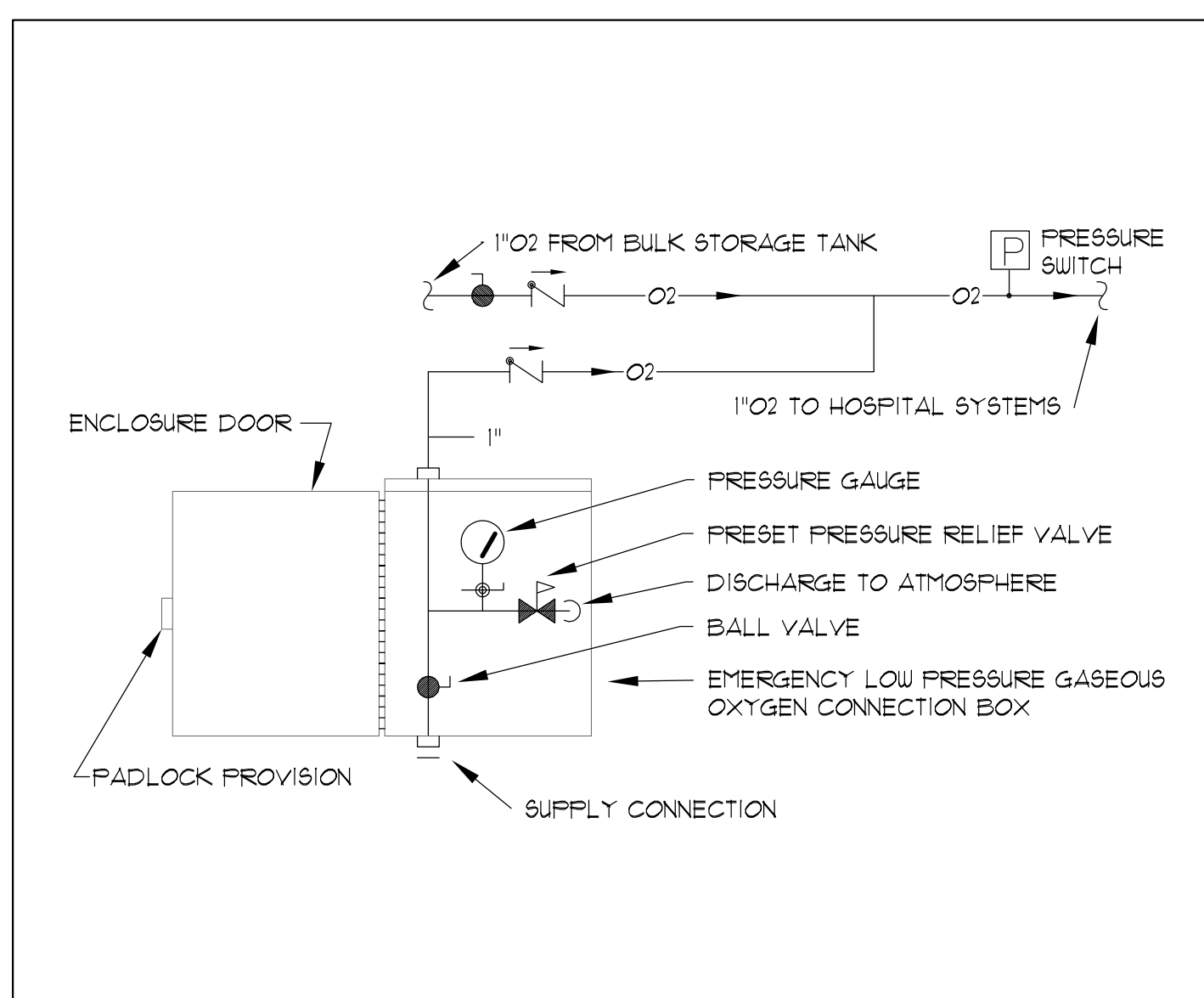
5 *DETAIL*
SCALE: NONE
CLEANOUTS



6 *DETAIL*
SCALE: NONE
VALVE BOX

PLUMBING FIXTURE SCHEDULE									
FIXTURE	TAG	MAKE / MODEL	TRAP	WASTE	VENT	COLD	HOT	REMARKS	
ELEC WATER HEATER	WH-1	BRADFORD WHITE LE34053-3	--	--	--	3/4"	3/4"	40 GAL. CAPACITY, 3/4" N.P.T. OUTLET, INLET, ANODE ROD, TAP VALVE CONNECTIONS, 208 VOLT AC, 3.5 KW.	
RECIRCULATING PUMP	RP-1	GRUNDFOS UP15-295F	--	--	--	--	3/4"	FLANGE SIZE 3/4", 1.9 SPEED, 120/1160 - 1/2 H.P. - 85 WATTS. PROVIDE WITH AQUASTAT FOR AUTOMATIC SHUTOFF PER IECC.	
SINK	S-1	KOHLER CO. 'VAULT' K-3840-2-NA	15	2"	2"	1/2"	1/2"	15" x 15" x 9-5/16" TOP-MOUNT BAR SINK WITH TWO FAUCET HOLES, K-15275-4-CP 'CORAL AIS' FAUCET WITH TWO LEVER HANDLES.	
SINK	S-2	A-DEC INSPIRE 592	15	2"	2"	1/2"	1/2"	SEE DENTAL EQUIPMENT PLANS	

MANUFACTURES SHALL BE AS ABOVE OR EQUAL, P.C. TO VERIFY FIXTURES WITH G.C./OWNER



7 *DETAIL*
SCALE: NONE
EMERGENCY LOW PRESSURE GASEOUS OXYGEN CONNECTION BOX

NO.	REVISIONS

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PLUMB. SCHEDULES & DETAILS

DATE: NOV. 11, 2025

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SHEET 8 OF 8

