

INTERMOUNTAIN WASATCH CANYONS - BUILDING "E" REMODEL

INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CLIENT PROJECT NUMBER: 10011354



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PHOTO © KYLE PAX 2/19/16 INTERMOUNTAIN WASATCH CANYONS - BUILDING "E" REMODEL CONSTRUCTION DOCUMENTS

CONSTRUCTION DOCUMENTS
2021-09-14

1

2

3

4

5

6

ABBREVIATIONS

NOT ALL ABBREVIATIONS MAY BE USED

& @	AND AT	LAV LB / LBS	LAVATORY POUND (S)
ACT	ACOUSTICAL CEILING TILE	MAT	MATERIAL (S)
ADJ	ADJUSTABLE	MAX	MAXIMUM
AFF	ABOVE FINISH FLOOR	MDF	MEDIUM DENSITY
ALT	ALTERNATE	MECH	MECHANICAL
AL / ALUM	ALUMINUM	MEMB	MEMBRANE
APPROX	APPROXIMATE	MEZZ	MEZZANINE
ARCH	ARCHITECTURAL	MFR	MANUFACTURER
BD	BOARD	MGR	MANAGER
BLDG	BUILDING	MIN	MINIMUM
BLK	BLOCK(ING)	MIR	MIRROR
BTM	BOTTOM OF	MISC	MISCELLANEOUS
BRG	BEARING	MO	MASONRY OPENING
BSMT	BASEMENT	MTD	MOUNT (ED)
BS	BOTH SIDES	MTL	METAL
BW	BOTH WAYS	MW	MICROWAVE
CAB	CABINET	N	NORTH
CB	CATCH BASIN	NIC	NOT IN CONTRACT
CCSA	CUSTOM COLOR SELECTED BY ARCHITECT	NO	NUMBER
CG	CORNER GUARD	NOM	NOMINAL
CHAM	CHAMFER	NRC	NOISE REDUCTION COEFFICIENT
CJ	CONTROL JOINT	NTS	NOT TO SCALE
CL	CENTER LINE	OC	ON CENTER
CLG	CEILING	OD	OUTSIDE DIAMETER
CLR	CLEAR	OFCI	OWNER FURNISHED/ CONTRACTOR INSTALLED
CM	CONSTRUCTION MANAGER	OFD	OVERFLOW DRAIN
COL	COLUMN	OH	OVERHEAD
COMP	COMPUTER	OPG	OPENING
CONC	CONCRETE	OPP	OPPOSITE
CONT	CONTINUOUS	OSB	ORIENTED STRAND BOARD
CSM	CONCRETE MASONRY UNIT	OZ	OUNCE
CSBA	COLOR SELECTED BY ARCHITECT	PERI	PERIMETER
CT	CERAMIC TILE	PERM	PERMANENT
D	DEPTH	PL	PLATE
DB	DECK BEARING	PLAM	PLASTIC LAMINATE
DBL	DOUBLE	PNL	PANEL
DEPT	DEPARTMENT	PNT	PAINT (ED)
DF	DRINKING FOUNTAIN	P.O.	POINT OF
DIA	DIAMETER	PR	PAIR
DM	DIMENSION	PT	POST TENSIONED
DN	DOWN	PART	PARTITION
DRN	DRAIN	PLY	PLYWOOD
DTL/DET	DETAIL	QT	QUARRY TILE
DW	DISHWASHER	R / RAD	RADIUS
DWG	DRAWING	RCP	REFLECTED CEILING PLAN
E	EAST	REC	RECESSED
(E)	EXISTING	REF	REFERENCE
EA	EACH	REFG	REFLECTOR
EIFS	EXTERIOR INSULATION SYSTEM	REINF	REINFORCE (ED)
EJ	EXPANSION JOINT	REM	REMOVE (ED)
ELEC	ELECTRICAL	REPL	REPLACE
ELEV	ELEVATION	REQD	REQUIRED
EQ	EQUAL	REV	REVISION (S)
EQUIP	EQUIPMENT	RM	ROOM
EVAP	EVAPORATIVE	RO	ROUGH OPENING
EXIST	EXISTING	S	SOUTH
EXP	EXPANSION	SALV	SALVAGE (ED)
EXT	EXTERIOR	SECT	SECTION
EW	ELECTRIC WATER COOLER	SF	SQUARE FOOT
FA	FIRE ALARM	SIM	SIMILAR
FD	FLOOR DRAIN	SLNT	SEALANT
FDN	FOUNDATION	SPEC	SPECIFICATION (S)
FE	FIRE EXTINGUISHER	SS	SQUARE
FEC	FIRE EXTINGUISHER CABINET	SS	STAINLESS STEEL
FG	FINISH GRADE	STC	SOUND TRANSMISSION CLASS
FI	FIRE HYDRANT	STD	STANDARD
FIN	FINISHED	STL	STEEL
FLR	FLOOR	STOR	STORAGE
F.O.	FACE OF	STRUC	STRUCTURE (AL)
FT	FOOT, FEET	SUSP	SUSPENDED
FRP	FIBER REINFORCED PANEL	SYM	SYMMETRY (ICAL)
FRT	FIRE RETARDANT TREATED WOOD	T	THICKNESS
FTG	FOOTING	T & B	TOP AND BOTTOM
FV	FIELD VERIFY	T & G	TONGUE AND GROOVE
GA	GAUGE	TBD	TO BE DETERMINED
GALV	GALVANIZED	TEMP	TEMPORARY
GB	GRAB BAR	THRU	THROUGH
GC	GENERAL CONTRACTOR	T.O.	TOP OF
GFRG	GLASSFIBER REINFORCED PANEL	TRANS	TRANSFORMER
GYP	GYPSUM	TS	TUBE STEEL
GWB	GYPSUM WALLBOARD	TYP	TYPICAL
HB	HOSE BIB	UNF	UNFINISHED
HC	HANDICAP ACCESSIBLE	UNO	UNLESS OTHERWISE NOTED
HDW	HARDWARE	VAR	VARIES
HDF	HIGH DENSITY FIBERBOARD	VB	VAPOR BARRIER
HM	HOLLOW METAL	VCT	VINYL COMPOSITION TILE
H	HEIGHT	VERT	VERTICAL
HOR	HORIZONTAL	VEST	VESTIBULE
ID	INSIDE DIAMETER	VWC	VINYL WALL COVERING
ICF	INSULATED CONCRETE FORM	W	WEST
IN	INCH	W	WIDTH
INCL	INCLUDE	W	WITH
INFO	INFORMATION	WC	WATER CLOSET
INT	INTERIOR	WD	WOOD
INSUL	INSULATE, (I), (ICN)	WO	WITHOUT
INV	INVERT	WSCT	WAINSCOT
JST	JOIST	WWF	WELDED WIRE FABRIC
JT	JOINT		

UTILITY CONTACTS

power

XXXXXX XXXXXXXXXX
ORGANIZATION
ADDRESS
email@domain.com
000.000.000

natural gas

XXXXXX XXXXXXXXXX
ORGANIZATION
ADDRESS
email@domain.com
000.000.000

water/storm drain

XXXXXX XXXXXXXXXX
ORGANIZATION
ADDRESS
email@domain.com
000.000.000

sewer

XXXXXX XXXXXXXXXX
ORGANIZATION
ADDRESS
email@domain.com
000.000.000

telephone

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ADDRESS
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REFERENCE SYMBOL LEGEND

BUILDING SECTION

LAYOUT GRID LINES

WALL SECTION

DETAIL SECTION

INTERIOR ELEVATION

LEVEL LINE

DETAIL REFERENCE

ROOM NAME AND NUMBER

FLOOR TRANSITIONS MARKER

CEILING TAG

ELEVATION MARKER

WINDOW TAG

FINISH TAG

SHEET SYMBOLS

DRAWING TITLE

VICINITY MAP

SHEET INDEX

GENERAL

COVER

G001 GENERAL INFORMATION + INDEX

G002 PROJECT & PRODUCT SPECIFICATIONS

G003 PROJECT & PRODUCT SPECIFICATIONS

G101 CODE + LIFE SAFETY

G201 TYP ANSI ACCESSIBILITY STANDARDS

DEMOLITION

AD110 DEMOLITION PLAN - LEVEL 01

ARCHITECTURAL SITE

AS101 OVERALL SITE PLAN

ARCHITECTURAL

A110.1 ANNOTATED + DIMENSION PLAN - LEVEL 01

A110.3 FINISH PLAN - LEVEL 01

A110.4 REFLECTED CEILING PLAN - LEVEL 01

A110.6 PLUMBING PLAN

A110.7 ELECTRICAL PLAN

A400 ENLARGED PLANS + ELEVATIONS

A400 WALL TYPES + GENERAL NOTES

A530 CEILING DETAILS

A570 CASEWORK DETAILS

A580 INTERIOR FINISH DETAILS

Grand total: 18

GENERAL NOTES

1. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.

2. AS PART OF THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.

3. THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.

4. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.

5. CONTRACTOR TO FOLLOW CURRENT ANSI 1117-1 STANDARDS AS REPRESENTED ON SHEET G301, GENERAL ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN DRAWINGS CONFLICT WITH THIS SHEET.

NOTES TO BIDDERS

1. THIS SHEET CONTAINS A LIST OF DRAWINGS WHICH COMPRISE A FULL SET OF DRAWINGS FOR THIS PROJECT. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS. IF ANY PERSON, PARTY OR ENTITY ELECTS TO SUBMIT BIDS FOR ANY PORTION, OR ALL, OF THIS PROJECT, THAT PERSON, PARTY OR ENTITY SHALL BE RESPONSIBLE FOR ANY AND ALL INFORMATION CONTAINED IN THESE DRAWINGS AND SPECIFICATIONS, INCLUDING, BUT NOT LIMITED TO, ANY SUBSEQUENT ADDENDUMS OR CLARIFICATIONS THAT MAY BE ISSUED.

2. THESE DOCUMENTS SHOW THE DESIGN INTENT. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE EVERYTHING SHOWN ON THE DRAWINGS OR SPECIFIED REGARDLESS OF WHERE IT IS SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS. FOR EXAMPLE, SOME MILLWORK DETAILS HAVE STEEL FRAMES WHICH MAY BE PROVIDED BY DIVISION 06 OR WITH THE MILLWORK AT THE CONTRACTORS DISCRETION, BUT IT SHALL BE PROVIDED AS PART OF THE CONTRACT.

3. EVERYTHING CALLED FOR IN THESE DOCUMENTS SHALL BE "NEW" AND PROVIDED BY THE CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT UNLESS NOTED OTHERWISE AS EXISTING (EXIST), NOT IN CONTRACT (NIC) OR FOR REFERENCE ONLY. FURNISHINGS SHOWN DASHED SHALL BE FOR REFERENCE ONLY.

VCBO NUMBER: 21690
CLIENT NUMBER: 1001354
DATE: 2021-09-14

INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"
REMODEL
INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CONSTRUCTION DOCUMENTS

GENERAL INFORMATION - INDEX
G001

PROJECT AND PRODUCT SPECIFICATIONS

SECTION 02 4102 SELECTIVE DEMOLITION

- QUALITY ASSURANCE**
- A. Demolition Firm Qualifications:** An experienced firm that has specialized in demolition work similar to that indicated for that indicated for this Project.
 - B. Regulatory Requirements:** Comply with governing EPA notification regulations before beginning selective demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
 - C. Standards:** Comply with ANSI A10.6 and NFPA 241.
 - D. Pre-demolition Conference:** Conduct conference at Project site to comply with requirements in Division 1 Section "Project Management and Coordination." Review methods and procedures related to selective demolition activities, but not limited to, the following:
 - 1. Inspect and discuss condition of construction to be selectively demolished.
 - 2. Review structural load limitations of existing structure.
 - 3. Review and finalize selective demolition schedule and verify availability of materials, demolition personnel, equipment, and facilities needed to make progress and avoid delays.
 - 4. Review requirements of work performed by other trades that rely on substrates exposed by selective demolition operations.

- PROJECT CONDITIONS**
- A. Owners to occupy portions of building** immediately adjacent to selective demolition area. Conduct selective demolition so Owner's operations will not be disrupted. Provide not less than 72 hours' notice to Owner of activities that will affect Owner's operations.
 - B. Maintain access to existing walkways,** corridors, and other adjacent occupied or used facilities.
 - 1. Do not close or obstruct walkways, corridors, or other occupied or used facilities without permission from authorities having jurisdiction.
 - C. Owner assumes no responsibility for areas** to be selectively demolished.
 - 1. Conditions existing at all time of inspection for hazardous purpose will be maintained by Owner as far as practical.
 - D. Hazardous Materials:** It is not expected that hazardous materials will be encountered in the Work.
 - 1. Hazardous materials will be removed by Owner before start of the Work.
 - 2. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately report to Architect and Owner. Hazardous materials will be removed by Owner under a separate contract.
 - E. Storage or sale of removed items** or materials on-site will not be permitted.
 - F. Utility Service:** Maintain continuous utility service indicated to remain in service and protect them against damage during selective demolition operations.
 - 1. Maintain fire-protection facilities in service during selective demolition operations.

- REPAIR MATERIALS**
- A. Use repair materials** identical to existing materials.
 - 1. If identical materials are unavailable or cannot be used for exposed surfaces, use materials that closely match existing surface to the fullest extent possible.
 - 2. Use materials whose installed performance equals or surpasses that of existing materials.
 - B. Comply with material and installation requirements** specified in individual Specification Sections.

- EXAMINATION**
- A. Verify that utilities** have been disconnected and capped.
 - B. Survey existing conditions** and correlate with requirements indicated to determine extent of selective demolition required.
 - C. Inventory and record** the condition of items to be removed and reinstalled and items to be removed.
 - D. When unanticipated mechanical, electrical, or structural elements** that conflict with intended function of design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect and Owner.
 - E. Engage a professional engineer** to survey condition of building to determine whether removing any element might result in structural deficiency or unplanned collapse of any portion of structure or adjacent structure during selective demolition operations.
 - F. Perform surveys** as the Work progresses to detect hazards resulting from selective demolition activities.

- UTILITY SERVICES**
- A. Existing Utilities:** Maintain services indicated to remain and protect them against damage during selective demolition operation.
 - B. Utility Interruption:** Do not interrupt existing utilities serving occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction. Provide temporary services during interruption to existing utilities, as acceptable to Owner and to authorities having jurisdiction.
 - C. Provide at least 72 hours' notice** to Owner if shutdown of service is required during changeover.
 - D. Utility Requirements:** Locate, identify, disconnect, and seal or cap off indicated utilities serving to be selectively demolished.
 - E. Owner will arrange to shut off indicated utilities** when requested by Contractor.
 - F. If utility services are required to be removed, relocated, or abandoned,** before proceeding with selective demolition provide temporary facilities that bypass area of selective demolition and that maintain continuity of service to other parts of building.
 - G. Cut off pipe or conduit in walls** or partitions to be removed. Cap, valve, off, and plug seal remaining portion of pipe or conduit by tapping.
 - H. Utility Requirements:** Refer to Mechanical and Electrical Sections for shutting off, disconnecting, removing, and sealing or capping utilities. Do not start selective demolition work until utility disconnecting and sealing have been completed and verified in writing.

- POLLUTION CONTROLS**
- A. Temporary ventilation:** Provide temporary ventilation as follows:
 - 1. Vacuum oil carpets prior to removal using a certified Carpet and Rug Institute (CRI) Green Label vacuum cleaner. Vacuum floor immediately after oil carpet is removed.
 - 2. Dust Control: Use water mist, temporary enclosures, and other suitable methods to limit spread of dust and dirt. Comply with existing environmental protection regulations.
 - 1. Do not use water when it may damage existing construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.
 - 2. Use mop floors to eliminate localized dirt and wipe down walls and doors of demolition enclosure. Vacuum carpeted areas.
 - B. Disposal:** Remove and transport debris in a manner that will prevent spillage on adjacent surfaces or areas.
 - C. Remove debris** from elevated portions of building by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
 - D. Cleaning:** Clean adjacent exterior and interior walls, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations began.

- SELECTIVE DEMOLITION**
- A. General:** Demolish and remove existing construction only to the extent required by new construction and as indicated. Use methods required to complete the Work within limitations of governing regulations and as follows:
 - 1. Proceed with selective demolition systematically, from higher to lower level. Complete selective demolition operations above each floor or tier before disturbing supporting members on the next lower level.
 - 2. Neatly cut openings and holes, plumb, square, and true to dimensions required. Use cutting methods least likely to damage concrete or masonry and use one of the following:
 - a. Use hand tools or small power tools designed for sawing and grinding, not hammering and chipping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.
 - b. Expand and drill from the exposed or finished side into concealed surfaces to avoid marking finished surfaces.
 - 3. Do not use cutting tools until work area is cleared of flammable materials. At concealed spaces, such as duct and pipe interiors, verify condition and contents of hidden space before starting flame-cutting operations. Maintain portable fire-suppression equipment during flame-cutting operations.
 - 4. Maintain adequate ventilation when using cutting torches.
 - 5. Remove damaged, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of them.
 - 6. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground point of dust generation.
 - 7. Locate and remove debris and remove debris and materials so as not to impose excessive loads on supporting walls, doors, or framing.
 - 8. Dispose of demolished items and materials promptly.
 - 9. Return elements of construction and surface materials that are to remain to condition existing before selective demolition operations began.
 - B. Existing Facilities:** Comply with Owner's requirements for using and protecting walkways, building enclosures, and other building facilities during selective demolition operations.
 - C. Removed and Salvaged Items:** Comply with the following:
 - 1. Clean salvaged items.
 - 2. Pack or crate items after cleaning. Identify contents of containers.
 - 3. Store items in a secure area until delivered to Owner.
 - 4. Transport items to Owner's storage area designated by Owner.
 - 5. Protect items from damage during transport and storage.
 - D. Repairs:** Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials and use of them.
 - E. Patching and Repairs:**
 - 1. Completely fill holes and depressions in existing masonry walls that are to remain with an approved masonry patching material according to manufacturer's written recommendations.
 - 2. Finishes: Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.
 - 3. Floors and Walls: Where walls or partitions that are demolished extend one finished area into another, patch and repair wall and wall surfaces in the new space. Provide an even surface of uniform finish color, texture, and appearance. Remove existing floor and wall coverings and replace with new materials, as noted on Drawings, to achieve uniform color and appearance.
 - 4. Patch with durable seams that are as invisible as possible. Provide materials and comply with installation requirements specified in other Sections of these Specifications.
 - 5. Skin coat entire wall surface with dyed compound to provide smooth, unblemished substrate for new paint finish.
 - 6. Where patching occurs in a painted surface, apply primer and intermediate paint coats over patch and apply final paint coat over entire surface of patch area containing patch. Provide additional coats until patch blends with adjacent surfaces.
 - 7. Test and inspect patched areas after completion to demonstrate integrity of installation.
 - F. Ceiling:** Patch, repair, or replace ceiling materials to provide an even surface of uniform appearance. Replace damaged ceiling panels with new panels, matching existing.

- COMPONENT CONDITIONS**
- A. Toe Kicks:** Fixed cabinet bases shall be constructed of 3/4 inch exterior oriented strand board in 24 inches height as shown on the drawings. Bases shall be leveled and anchored to the floor in continuing lengths to ensure straight and true lines of edge. Rubber, vinyl, or other finished base be furnished and installed by others.
 - B. Core Material:**
 - 1. Particleboard: Premium grade board of balanced construction with a density of 45 lbs. per cubic foot and moisture content of 8 percent or less. Face screw holding shall be a minimum of 320 lbs. withdrawal.
 - C. Case Body:**
 - 1. Ends: Case ends shall be 3/4 inch fused laminate laminated to thermo-fused laminate to material with phenolic backer on concealed side. Exposed exterior cabinet ends shall be laminated with vertical grained high pressure plastic laminate. Exposed edges shall be edges with 0.020 inch PVC edge-binding. Edges shall be drilled for adjustable shelf supports at 32mm (1 1/4 inch) centers.
 - 2. Cabinet Top and Bottom:
 - a. Base and tall cabinet top and bottom shall be 3/4 inch thick with melamine thermo-fused to material and phenolic backer boards on concealed sides when semi-exposed. Provide plastic laminate if exposed to view.
 - b. Wall cabinet top and bottom shall be 3/4 inch thick as noted below. Exposed thermo-fused to material with phenolic backer when semi-exposed. Provide plastic laminate if exposed to view.
 - c. Provide with thickness of 1/2 inch when made with particleboard core with 42 inch and over length.
 - D. Adjustable Shelves:**
 - 1. Load is the total applied weight, uniformly dispersed on an individual shelf, not to exceed 200 lbs. on any one shelf. Provide per the AIA's stipulating the following load capacities:
 - a. 50 lbs per sq ft for school, hospital, and library or book shelving.
 - b. 40 lbs per sq ft for all other shelving.
 - 2. Deflection is the measured distance from a straight line that a shelf will deflect under load.
 - 3. L1/44 (the length of the shelf divided by 144) is the industry standard for the maximum acceptable deflection of a shelf, which permits 1/4 inch deflection in a 36 inch shelf.

- DISPOSAL OF DEMOLISHED MATERIALS**
- A. General:** Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on site.
 - 1. Burning: Do not burn demolished materials.
 - B. Disposal:** Transport demolished materials with Owner's property and legally dispose of them.

SECTION 06 4023 INTERIOR ARCHITECTURAL WOODWORK

- PRODUCTS AND FABRICATORS**
- A. Fabricators:** Subject to compliance with requirements of Contract Documents, provide interior architectural woodwork by one of the following:
 - 1. Boswell Watchitt Mill
 - 2. Hunter Mill and Cabinet MFG. Co.
 - 3. Granite Mill and Future Company
 - 4. Swanson Mill
 - 5. Johnson Brothers
 - 6. Pacific Cabinets, Inc. of Ferndale, ID
 - 7. Fendell Woodwork
 - 8. Aristo Mill
 - 9. Masterpiece Commercial Millwork
 - B. Other mills may submit for approval** no later than 10 days before the date for receipt of bids. Mills need not be members of AIA or IAWQ to receive consideration, however, quality shall conform to levels outlined in these specifications.
 - C. Acceptable Laminated Materials:** Subject to compliance with requirements of Contract Documents, provide products listed below. If not listed, submit for use for all cabinet cases.
 - D. Wisonart**
 - E. Formica**

- MATERIALS**
- A. General:** Provide materials that comply with requirements of the AIA quality standard for each type of woodwork and quality grades indicated and, where the following products are part of interior woodwork, with requirements of the referenced product standards that apply to product characteristics indicated:
 - 1. Solidwood Plywood: PS-1.
 - 2. Particleboard: ANSI A208.1, Grade M-2, made with phenol-formaldehyde resins (no urea formaldehyde).
 - 3. Softwood Plywood: PS-1.
 - 4. Hardwood Plywood and Face Veneers: HFPA H-V-1.
 - B. Select white maple, plain sanded**
 - C. Hardwood: Select white maple, plain sanded**
 - D. Adhesive for Bonding Plastic Laminate:** Commercial grade, thermally fused polyester or melamine-impregnated web, bonded to specified substrates and complying with AIA 1592.
 - E. Substrate:** Medium-density particleboard.

- MANUFACTURED UNITS**
- A. Cabinets:**
 - 1. Quality Standard: Comply with AWS Section 10, Custom grade, flush overlay design and the following:
 - a. High pressure plastic laminate for exterior surfaces shall be NEMA vertical grade 0.028 inch thick, sanded finish. Colors are to be selected from manufacturer's full color selection including mirrored mirror types. Cabinet fronts for each individual cabinet shall be one color only.
 - b. Blanking sheet on inside of doors, drawer fronts and finished ends shall be high pressure plastic laminate cabinet liner matching cabinet interior.
 - c. Horizontal Surface High Pressure Plastic Laminate: High pressure plastic laminate for countertops and other horizontal surfaces shall be post-forming grade 0.038 inch thickness, satin finish. Colors to be selected from manufacturer's full color selection.
 - d. Thermo-Fused Laminate to Particle Board: Melamine thermally fused to a 45 pound density, or better particle board substrate. Substrate shall be almond-bone.
 - e. Almond colored laminate shall be standard for all cabinet interiors whether exposed or semi-exposed.
 - 2. Hardboard:
 - a. Hardboard for dividers shall be 1/4 inch tempered hardboard smooth both sides. Color shall be dark brown.
 - b. Hardboard exposed end side for cabinet backs and drawer bottoms shall be 1/4 inch thick and pre-finished one side to match cabinet interiors.
 - 3. Laminated Grade for Exposed Surfaces: Provide laminate cladding complying with the following requirements for type of surface and grade:
 - a. Horizontal Surfaces Other Than Tops: CP-50 (0.050 inch nominal thickness).
 - b. Laminated Grade for Exposed Surfaces: CP-42 (0.038 inch nominal thickness).
 - c. Colors: As indicated on Finish Schedule.
 - 4. Edge-banding:
 - a. Edge-banding for cabinet body parts shall be purified 0.020 inch PVC applied with hot melt glue by automatic edge-banding equipment. Color shall be as selected by Architect from manufacturers full color range.
 - b. Edge-banding for door and drawer fronts shall be purified 3 mm PVC applied with hot melt glue by automatic edge-banding equipment. Edges and corners shall be rounded with 3mm radius and scraped free from machining or chisel marks. Color shall be as selected by Architect from manufacturers full color range.

- MISCELLANEOUS MATERIALS**
- A. Adhesives, General:** Adhesives shall not contain urea formaldehyde.
 - B. Cabinet Hardware and Accessory Materials**
 - A. General:** Provide cabinet hardware and accessory materials associated with architectural cabinets, except for items specified in Division 8 Section "Door Hardware." Hardware shall match existing.
 - Finish Hardware:**
 - 1. Hinges: Salice, Series 200, 165 degrees, self-closing hinges.
 - 2. Pulls: Stainless steel MRSL, 24 mm x 21 mm x 21 mm, satin nickel finish.
 - 3. Adjustable Shelf Supports: KV 256 plaster standards, KV 256 shelf supports, vertically adjustable in 12 inch increments; zinc finish.
 - 4. Locks: CompX National die-cast cylinder cam locks; over/under configuration; standard keying system with Owner.
 - Self Standards and Brackets:**
 - 1. Standards: KV 87 heavy duty, anchrome finish.
 - 2. Brackets: KV 187 heavy duty, anchrome finish.
 - 3. Sizes: As shown on Drawings.
 - Workstation and Countertop Brackets:** A & M Hardware, sizes as shown on Drawings, finish as required by Owner.
 - Screws:** Reed and Prince square drive screws. Standard wood screws and sheet metal screws are not acceptable.
 - Cable Grippers:** American Hardware Supply, Inc., "Round Economy Grommet with Cover, 48 mm hole, 15 mm x 60 mm overall; textured black finish.

- INSTALLATION MATERIALS**
- A. Furring, Blocking, Shims, and Hanging Strips:** Softwood or hardwood lumber, kiln dried to less than 15 percent moisture content.
 - B. Screws:** Select material, type, size, and finish required for each use. Comply with ASME B16.1 for applicable requirements.
 - 1. For metal framing supports, provide screws as recommended by metal-framing manufacturer.
 - C. Nails:** Select material, type, size, and finish required for each use. Comply with FPM-105 for applicable requirements.
 - 1. For metal framing supports, type, size, and finish required for each use. Comply with FPM-105 for applicable requirements.
 - 2. Anchors: Select material and type, size, and finish required for each use. Comply with FPM-105 for applicable requirements.
 - 3. Provide nonferrous metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance. Provide toothed steel or lead exposed bolt devices for drilled-in-into-concrete anchors.
 - D. Screws:** Reed and Prince square drive screws. Standard wood screws and sheet metal screws are not acceptable.
 - E. Cable Grippers:** American Hardware Supply, Inc., "Round Economy Grommet with Cover, 48 mm hole, 15 mm x 60 mm overall; textured black finish.

- FABRICATION**
- A. General:**
 - 1. Wood Moisture Content: Comply with requirements of referenced quality standard for moisture content of lumber at time of fabrication and for relative humidity conditions in the installation areas.
 - 2. Dimensions and Profiles: Fabricate woodwork to dimensions, profiles, and details indicated with openings and mortises pre-cut, where possible, to receive hardware and other items and where necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scoring, trimming, and fitting.
 - 3. Pre-Cut Openings: Fabricate architectural woodwork with pre-cut openings, where possible, to receive hardware, appliances, plumbing fixtures, electrical work and similar items. Locate openings accurately and use templates or roughing-in diagrams for proper size and shape. Smooth edges of cutouts; when located in countertops and similar exposures seal edges of cutouts with a water-resistant coating.
 - 4. Door and drawer fronts: Doors, and drawer fronts, and false fronts shall be flush overlay. They shall align vertically and horizontally and be on the same plane as the cabinet body.
 - 5. Free of war, twisting, cupping, and/or bowing that cannot be held true, open joints, visible machine marks, cross-graining, tear-outs, nicks, chips, and/or scratches.
 - B. Component Construction:**
 - 1. Toe Kicks: Fixed cabinet bases shall be constructed of 3/4 inch exterior oriented strand board in 24 inches height as shown on the drawings. Bases shall be leveled and anchored to the floor in continuing lengths to ensure straight and true lines of edge. Rubber, vinyl, or other finished base be furnished and installed by others.
 - 2. Core Material:
 - a. Particleboard: Premium grade board of balanced construction with a density of 45 lbs. per cubic foot and moisture content of 8 percent or less. Face screw holding shall be a minimum of 320 lbs. withdrawal.
 - 3. Case Body:
 - 1. Ends: Case ends shall be 3/4 inch fused laminate laminated to thermo-fused laminate to material with phenolic backer on concealed side. Exposed exterior cabinet ends shall be laminated with vertical grained high pressure plastic laminate. Exposed edges shall be edges with 0.020 inch PVC edge-binding. Edges shall be drilled for adjustable shelf supports at 32mm (1 1/4 inch) centers.
 - 2. Cabinet Top and Bottom:
 - a. Base and tall cabinet top and bottom shall be 3/4 inch thick with melamine thermo-fused to material and phenolic backer boards on concealed sides when semi-exposed. Provide plastic laminate if exposed to view.
 - b. Wall cabinet top and bottom shall be 3/4 inch thick as noted below. Exposed thermo-fused to material with phenolic backer when semi-exposed. Provide plastic laminate if exposed to view.
 - c. Provide with thickness of 1/2 inch when made with particleboard core with 42 inch and over length.
 - 4. Adjustable Shelves:
 - 1. Load is the total applied weight, uniformly dispersed on an individual shelf, not to exceed 200 lbs. on any one shelf. Provide per the AIA's stipulating the following load capacities:
 - a. 50 lbs per sq ft for school, hospital, and library or book shelving.
 - b. 40 lbs per sq ft for all other shelving.
 - 2. Deflection is the measured distance from a straight line that a shelf will deflect under load.
 - 3. L1/44 (the length of the shelf divided by 144) is the industry standard for the maximum acceptable deflection of a shelf, which permits 1/4 inch deflection in a 36 inch shelf.

SECTION 06 4023 INTERIOR ARCHITECTURAL WOODWORK (continues)

- C. Adjustable shelves** shall be 3/4 inch thick with melamine thermo-fused to core material on both sides for shelves up to 30 inch in width, and 1 inch thick for shelves over 30 inch in width.
 - 1. Adjustable shelves in exposed or semi-exposed millwork shall be 3/4 inch thick with high pressure plastic laminate on exterior surface on both sides for shelves up to 30 inch in width, and 1 inch thick for shelves over 30 inch in width.
 - 2. All shelves shall be handled with 0.020 inch thick PVC.
 - 3. All shelves to be adjustable on 32mm, 1 1/4 inch centers.
- D. Cabinet Backs:**
 - 1. Cabinet backs shall be 1/4 inch thick pre-finished hardboard for use in semi-exposed cabinets. The 1/4 inch is backed up with 4 inch x 3/4 inch hanging cleats on the back side.
 - 2. Exposed back shall be 1/2 inch thick with melamine thermo-fused to core material on both sides.
 - 3. Where walls of ducts and other structures are exposed on exterior surface. The 1/2 inch is backed up with 4 inch x 1/2 inch hanging cleats on the back side.
 - 4. Cabinet backs shall be deburred or rounded in top, bottom and sides, with a minimum radius of 3/8 inch and be securely nailed or stapled to the case body at a maximum of 4 inch in center.
 - 5. Hanging cleats shall be mounted near top and bottom supports, one top and one bottom screw, or other device and fasteners that are secure and appropriate for substrate, and in a manner that will not cause hangars to deteriorate or otherwise fail.
 - 6. Flat Hangars: Secure to structure, including intermediate framing members, by attaching to inserts, screws, or other devices and fasteners that are secure and appropriate for structure and hanger, and in a manner that will not cause hangars to deteriorate or otherwise fail.
 - 7. Do not attach hangars to steel roof deck.
 - 8. Do not attach hangars to permanent metal surfaces. Furnish cast-in-place hanger inserts that extend through floors.
 - 9. Do not attach hangars to reinforced in-lager hange of composite steel floor deck.
 - 10. Do not attach hangars to suspended ceiling framing or suspension system.
 - 11. Fire-Resistance-Rated Assemblies: Wire tie furring channels to supports.
 - 12. Seismic Bracing: Sway-brace suspension systems with hangers used for support.
 - 13. Cold Suspension Systems: Attach perimeter wall track or angle where framing extends to overhead structural supports, meet vertical surfaces. Mechanically join beam and cross-framing members to each other and but-not over full wall track.
 - 14. Vertical and Horizontal Tolerances: Install suspension systems that are level to within 1/8 inch in 12 feet measured lengthwise on each member that will receive finishes and transversely between parallel members that will receive finishes.
- E. Joinery:**
 - 1. All parts shall be accurately machined and fit for square and true, within a tolerance not to exceed 1/32 inch difference in measurement at top versus bottom, and 1/16 inch diagonally.
 - 2. Cabinet corners shall be joined by mortise and tenon or dovetail joints. Mortise and tenon corners maximum, squared joint. First dovetail to be spaced a maximum of 1-15/16 inch from each edge or end.
 - 3. Drawer bodies shall be box type construction with detachable drawer fronts. Joints shall be securely fastened with hardwood dovets and glue.

- SOLID-SURFACING-MATERIAL COUNTERTOPS**
- A. Quality Standard:** Comply with AWS Section 11 requirements for countertops.
 - B. Grade:** Premium.
 - C. Solid-Surfacing-Material Thickness:** 1/2 inch.
 - D. Colors, Patterns, and Finishes:** Provide materials and products that result in colors of solid-surfacing material complying with the following requirements:
 - 1. As indicated on Finish Schedule or, if not indicated, as selected by Architect from manufacturer's full range including colors and patterns from all price ranges.
 - 2. Fabricate tops in one piece, unless otherwise indicated. Comply with solid-surfacing-material requirements for non-ferrous metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and elsewhere as required for corrosion resistance.
 - 3. Fabricate tops with shop-applied edges of materials and configuration indicated.
 - 4. Fabricate tops with shop-applied backings.
 - E. Solid Surface Sink:**
 - 1. Basis of Design: Contract Documents are based on product specified below to establish a standard of quality. When manufacturer offering products with equivalent characteristics may be considered, provided deviations are minor and design concept as expressed in the Contract Documents is not changed, as judged by the Architect.
 - 2. Fabricate tops with shop-applied backings.
 - 3. Fabricate tops with shop-applied backings.

- EXERCUTION**
- A. Condition woodwork** to average prevailing humidity conditions in installation areas before installing.
 - B. Before installing architectural woodwork,** examine shop-fabricated work for completion and complete work as required, including back priming and removal of packing.

- INSTALLATION**
- A. Install woodwork plumb,** level, true, and straight with no distortions. Shim as required with concealed shims. Install to a tolerance of 1/8 inch in 96 inches for plumb and level (including tops).
 - B. Scribe and cut woodwork** to fit or blocking work and refrain cut surfaces or repair damaged finish at cuts.
 - C. Anchor woodwork** to anchors or blocking built in or directly attached to substrates. Secure to grounds, stripping and blocking with countersunk, concealed fasteners and blind nailing as required for complete installation. Use fine finishing nails for exposed nailing, countersunk and blind flush with woodwork and matching final finish and grain. Label hardware and accessory items as indicated.
 - D. Cabinets:** Install without distortion so that doors and drawers fit openings properly and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide uniform operation. Center doors and drawers in openings and to provide uniform operation.
 - E. Anchor cabinets** with no more than 18 inch in 96-inch spac, bow, or other variation from a straight line.
 - 1. Install cabinets with no base units and other support systems as indicated. Oak space between backpanels and wall with specified sealant.
 - 2. Install countertops with no more than 18 inch in 96-inch spac, bow, or other variation from a straight line.
 - 3. Secure backpanels to plates with concealed metal brackets at 16 inches o.c.
 - F. Complete the finishing** work specified in this Section to the extent not completed at shop or before installation of woodwork.

- ADJUSTING AND CLEANING**
- A. Repair damaged and defective woodwork** where possible to eliminate functional and visual defects, where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.
 - B. Clean, lubricate, and adjust hardware.**
 - C. Clean, lubricate, and adjust hardware.**

- TRIM ACCESSORIES**
- A. Interior Trim:** ASTM C 1047.
 - 1. Material: Galvanized or aluminum-coated steel sheet or rolled zinc.
 - 2. Shapes:
 - a. Corneread.
 - b. Bullnose bead.
 - c. LC-Bead: J-shaped, exposed long flange receives joint compound.
 - d. LE-Bead: L-shaped, exposed long flange receives joint compound.
 - e. UB-Bead: J-shaped, exposed short flange does not receive joint compound.
 - f. Curved-Edge Corneread: With notched or flexible flanges.

- EXERCUTION**
- A. Provide final protection** and maintain conditions in a manner acceptable to fabricator and installer that ensures that woodwork is without damage or deterioration at the time of Substantial Completion.

SECTION 06 2216 NON-STRUCTURAL METAL FRAMING

- NON-STRUCTURAL METAL FRAMING, GENERAL**
- A. Framing Members, General:** Comply with ASTM C 754 for conditions indicated.
 - B. Steel Sheet Components:** Comply with ASTM C 645 requirements for metal, unless otherwise indicated.
 - C. Joint Treatment Materials:**
 - 1. Interior Gypsum Wallboard: Paper. For each coat use formulation that is compatible with other components applied in the same sequence.
 - 2. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
 - 3. Embedding and First Coat: For embedding type and first coat on joints, fasteners, and trim flanges, use setting-type taping compound.
 - 4. Fill Coat: For second coat, use drying-type, all-purpose compound.
 - 5. Finish Coat: For third coat, use drying-type, all-purpose compound.
 - D. Auxiliary Materials:**
 - 1. General: Provide auxiliary materials that comply with referenced installation standards and conditions.
 - 2. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate.
 - 3. Use adhesive that contains a VOC content of 50 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
 - 4. Resilient Furring Channels: 1/2-inch deep members designed to reduce sound transmission.
 - 5. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch thick.
 - 6. For fastening cementitious backer units, use screws of type and size recommended by panel manufacturer.
 - E. Acoustical Sealing:** As specified in Division 7 Section "Joint Sealants."
 - F. Thermal Insulation:** As specified in Division 7 Section "Building Insulation."

- STEEL FRAMING FOR FINISHED ASSEMBLIES**
- A. Steel Framing and Runners:** ASTM C 645.
 - 1. Minimum Base-Metal Thickness: Minimum 20 gage (0.0296 inch), 33 ksi.
 - B. Equivalent Gauge Steel Sheet and Runners:** ASTM C 645.
 - 1. Minimum Base-Metal Thickness: 0.019 inch, 65 ksi.
 - C. Slip-Type Head Joints:**
 - 1. Refill and Seal: Seal steel top runner manufacturer to prevent cracking of finishes applied to interior partition framing resulting from deflection of structure above, in thickness not less than indicated for studs and in width to accommodate depth of studs.
 - D. Available Products:** Subject to compliance with requirements of Contract Documents, products that may be incorporated into the Work include, but are not limited to, the following:
 - 1. Steel Network Inc. (The): VertiCo SL/DevTrack VTD Series.
 - 2. Clark/Dietrich Building Systems, Blazeframe or Matrx Steel Deflection Track.
 - E. Flat Strap Bracing Plates:** Steel sheet for blocking and bracing in length and width indicated.
 - 1. Minimum Base-Metal Thickness: Minimum 16 gage.
 - 2. Option (at Contractor's discretion): Proprietary fire-resistant wood blocking and bracing.
 - F. Cold-Rolled Cold-Formed Bridging:** 16 gage base-steel thickness, with minimum 1/2-inch wide flange.
 - 1. Depth: Minimum 1-1/2 inches.
 - 2. Lip Angle: Not less than 1-1/2 by 1-1/2 inches, 14 gage thick, galvanized steel.
 - G. Auxiliary Material Form control and expansion joints** between edges of metal framing members.
 - 1. General: Provide auxiliary materials that comply with referenced installation standards.
 - 2. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.

- EXERCUTION**
- A. Examine areas and substrates,** with installer present, and including welded hollow-metal frames, cast-in-anchors, and structural framing, for compliance with requirements and other conditions affecting performance.
 - B. Form control and expansion joints** between edges of metal framing members.
 - 1. General: Provide auxiliary materials that comply with referenced installation standards.
 - 2. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.
 - C. Proceed with installation** only after unsatisfactory conditions have been corrected.
 - D. Apply and Finish Panels, General:**
 - 1. Comply with ASTM C 840.
 - 2. Install ceiling panels using fasteners to minimize the number of abutting and joints and to avoid abutting and joints in central area of ceiling. Stagger abutting and joints of adjacent panels not less than one framing member.
 - 3. Install panels with face side out. But panels together for a light contact at edges and ends with more than 1/16 inch of open space between panels. Do not force into place.
 - 4. Locate edge and end joints over supports, except in ceiling applications where intermediate supports are required.
 - 5. Form control and expansion joints between edges of metal framing members.
 - 1. General: Provide auxiliary materials that comply with referenced installation standards.
 - 2. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.
 - E. Thermal Insulation:** As specified in Division 7 Section "Building Insulation."

- INSTALLATION**
- A. General:** Provide auxiliary materials that comply with requirements in ASTM C 840 that apply to framing installation.
 - B. Isolate perimeter and interior** framing from blocking and support equipment, services, heavy trim, grab bars, toilet accessories, furnishings, cabinets and casework, or similar construction.
 - C. Bracing:** Install bracing at intersections in assemblies.
 - D. Exposed Joints:** Do not expose joints or abutting surfaces of steel expansion joints with non-load-bearing steel framing members. Frame both sides of joints independently.

SECTION 092216 NON-STRUCTURAL METAL FRAMING (continues)

- INSTALLATION SUSPENSION SYSTEMS**
- A. Install suspension system** components in sizes and spacings indicated on Drawings, but not less than those required by referenced installation standards for assembly types and other assembly components indicated.
 - B. Isolate suspension systems** from building structures where theyabut or are penetrated by building structure to prevent transfer of loading imposed by structural movement.
 - C. Suspend hangars from building structure as follows:**
 - 1. Install hangars plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structure for suspension system.
 - a. Splay hangars only where required to miss obstructions and offset resulting horizontal forces by bracing, counterbalancing, or other effective means.
 - 2. Where walls of ducts and other structures are exposed on exterior surface. The 1/2 inch is backed up with 4 inch x 1/2 inch hanging cleats on the back side.
 - 3. Cabinet backs shall be deburred or rounded in top, bottom and sides, with a minimum radius of 3/8 inch and be securely nailed or stapled to the case body at a maximum of 4 inch in center.
 - 4. Hanging cleats shall be mounted near top and bottom supports, one top and one bottom screw, or other device and fasteners that are secure and appropriate for substrate, and in a manner that will not cause hangars to deteriorate or otherwise fail.
 - 5. Flat Hangars: Secure to structure, including intermediate framing members, by attaching to inserts, screws, or other devices and fasteners that are secure and appropriate for structure and hanger, and in a manner that will not cause hangars to deteriorate or otherwise fail.
 - 6. Do not attach hangars to steel roof deck.
 - 7. Do not attach hangars to permanent metal surfaces. Furnish cast-in-place hanger inserts that extend through floors.
 - 8. Do not attach hangars to reinforced in-lager hange of composite steel floor deck.
 - 9. Do not attach hangars to suspended ceiling framing or suspension system.
 - 10. Fire-Resistance-Rated Assemblies: Wire tie furring channels to supports.
 - 11. Seismic Bracing: Sway-brace suspension systems with hangers used for support.
 - 12. Cold Suspension Systems: Attach perimeter wall track or angle where framing extends to overhead structural supports, meet vertical surfaces. Mechanically join beam and cross-framing members to each other and but-not over full wall track.
 - 13. Vertical and Horizontal Tolerances: Install suspension systems that are level to within 1/8 inch in 12 feet measured lengthwise on each member that will receive finishes and transversely between parallel members that will receive finishes.
 - E. Joinery:**
 - 1. All parts shall be accurately machined and fit for square and true, within a tolerance not to exceed 1/32 inch difference in measurement at top versus bottom, and 1/16 inch diagonally.
 - 2. Cabinet corners shall be joined by mortise and tenon or dovetail joints. Mortise and tenon corners maximum, squared joint. First dovetail to be spaced a maximum of 1-15/16 inch from each edge or end.
 - 3. Drawer bodies shall be box type construction with detachable drawer fronts. Joints shall be securely fastened with hardwood dovets and glue.

- INSTALLING FRAMED ASSEMBLIES**
- A. Where studs are installed directly against exterior masonry walls** or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.
 - B. Install studs** so flanges within framing system point in same direction.
 - C. Install track** (turns) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.
 - D. Door Openings:** Screw vertical studs at jumbo to jumbo anchor pins at door frames, install inner track section for criples and irregular shapes.
 - 1. Install two studs at each jamb or provide 16 gage studs at door openings, unless otherwise indicated.
 - 2. Install criples studs at head adjacent to each jamb stud, with a minimum 1/2-inch clearance from jamb stud to allow for installation of control joint in finished assembly.
 - 3. Extend jamb studs through suspended ceilings and attach to underside of overhead or semi-exposed.
 - E. Sound-Reduced Partitions:** Install framing to comply with sound-rated assembly indicated.
 - F. Curved Partitions:**
 - 1. Bend track to conform curve and locate straight lengths so they are tangent to arcs.
 - 2. Begin and end each arc with a stud, and space intermediate studs equally along arcs. On straight lengths not less than 2 studs at ends of arcs, place studs 5 inches o.c.

- Direct Framing**
- A. Attach to concrete or masonry** with stud nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches on center.
 - B. Furring Members:**
 - 1. Erect insulation (specified in Division 7 Section "Building Insulation") vertically and hold in place with furring members spaced 24 inches on center.
 - 2. Except at door openings, directly attach narrow flanges of furring members to wall with concrete stud nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches on center.
 - 3. At door openings, attach wide flange of furring members to wall with short flange extending beyond corner on adjacent wall surface, screw-attach short flange of furring channel to wall of attached channel. At interior corners, space second member no more than 12 inches from corner and cut insulation to fit.

SECTION 09 2900 GYPSUM BOARD

- PRODUCTS**
- A. Panels, General**

PROJECT & PRODUCT SPECIFICATIONS

SECTION 09 5100 ACOUSTICAL CEILING TILES

PRODUCTS

MANUFACTURER

- A. **Available Manufacturers:** Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
- 1. Armstrong System, Armstrong, Product A, 1516 inch Exposed Tile.
 - 2. Acoustical Tile: Armstrong, Ultima 1910 and Ultima 1913
 - 3. Wood Plank: Armstrong Woodworks Linear Veneered Planks 666WV1
 - 4. Acoustical Slat:
 - a. Tremco Acoustical Slat, Tremco.
 - b. USG Acoustical Slat, United States Gypsum Co.
 - c. Chem-Calk 600, Woodmont Products, Inc.
 - d. Peconia Corp, AC 20 FTR Acoustical and Insulation Slatant

MATERIALS

Acoustical Ceiling Units

1. General: Provide manufacturer's standard units of configuration indicated which are prepared for mounting method designated and which comply with FSS-S-118 requirements, including those specified by reference to type, form, pattern, grade (NRC or NVC's as applicable), light reflectance coefficient (LR), edge detail, and joint detail (if any).
2. Mounting Method for Measuring NRC: No. 7 (mechanically mounted on special metal support, FSS-S-118, or Type I-4400 mounting as per ASTM E 705).
3. Sound Attenuation Performance: Provide acoustical ceiling units with ratings for ceiling sound transmission class (STC) of range indicated as determined according to AMA 1-1 "Ceiling Sound Transmission Test" by Two-Dimensional facilities contiguous at partitions and supported by a metal suspension system of type appropriate for ceiling unit of configuration indicated (concealed for tie, exposed for panels).
4. Ceiling Tiles:
- a. Type A: Armstrong, Ultima (1910)
 - b. Size: 24 inches x 24 inches x 3/4 inch
 - c. Edge: Square lay-in
 - d. CAC: 35
 - e. LR: 0.85
 - f. NRC: 0.70
 - g. ASTM E1024 Classification: Type IV, Form 2, Pattern E
5. Surface Finish: Factory-applied vinyl latex paint
6. Type B: Armstrong, Ultima (1913)
- a. Size: 24 inches x 48 inches x 3/4 inch
 - b. Edge: Square lay-in
 - c. CAC: 35
 - d. LR: 0.85
 - e. NRC: 0.75
 - f. ASTM E1024 Classification: Type IV, Form 2, Pattern E
7. Type C: Suspended gypsum system; refer to Division 9 Section "Gypsum Board".

Metals

1. Finishes and Colors: Provide manufacturer's standard finish for type of system indicated, unless otherwise required. For exposed suspension members and accessories with painted finish, provide color indicated or, if not otherwise indicated, as selected by Architect from manufacturer's full range of standard colors.
2. Attachment Devices: Size for 5 times design load indicated in ASTM C 635, Table 1, Direct Hang.
3. Hanger Wire: Galvanized carbon steel wire, ASTM A 641, soft temper, pre-stretched, Class 1 coating, sized so that stress at 3-times hanger design load (ASTM C 635, Table 1, Direct Hang), will be less than yield stress of wire, but provide not less than 12 gage.
4. Sheet-Metal Edge Moldings and Trim: Type and profile indicated or, if not indicated, manufacturer's standard moldings for edges and penetrations that fit acoustical panel edge details and suspension systems indicated; formed from sheet metal of same material and finish as that used for exposed flanges of suspension system runners.
- a. For circular penetrations of ceiling, provide edge moldings fabricated to diameter required to fit penetration opening.
 - b. Hold-Down Clips: Minimum 24 gauge spring steel, 1-7/16 inches deep x 7/8 inches wide, designed to fit over cross tees. Provide clips spaced symmetrically 2 ft. o.c.
 - c. Seismic Strips: Manufacturer's standard seismic strips designed to accommodate seismic forces, locate at 12 feet on center both for top and bottom edges according to UBC Standard 25-2 other standard required by authority having jurisdiction.
 - a. In lieu of compression studs provide a seismic clip with an ES Report number from CCC.
 - b. Demonstrating that the compression studs and the 2-inch perimeter wall mold are not required, provide:
 - 1. BEFC seismic clips; Armstrong
 - 2. 1485 Perimeter Clip; Chicago Metallic Corp.
 - 3. ACM-7 clip; USG
7. Wide-Face, Capped, Double-Web, Steel Suspension System: Main and cross runners roll formed from cold rolled steel sheet, pre-painted, electrolytically zinc coated, or hot-dip galvanized according to ASTM A 653/A 653M, not less than G30 coating designation, with pre-lashed 15/16-inch-wide metal caps on flanges.
8. Structural Classification: Heavy-duty system.
- a. End Condition of Cross Runners: Rigid-edge type.
 - b. Face Design: Flat, flush.
 - c. Cap Material: Steel or aluminum cold-rolled sheet.
 - d. Cap Finish: Painted in color as selected from manufacturer's full range.

Miscellaneous Materials

1. Acoustical Slat: Resilient, non-staining, non-shrinking, non-hardening, non-shrinking, non-drying, non-sag sealant needed for interior sealing of concealed construction joints.

RESILIENT MOLDING ACCESSORY

- A. **Available Manufacturers:** Subject to compliance with requirements of Contract Documents, manufacturers with products that may be incorporated into the Work include, but are not limited to, the following:

- 1. Burke Flooring, a division of Burke Industries.
 - 2. Johnsenite, a Tarkett brand.
 - 3. Flexco.
 - 4. R. C. Musson Rubber Co.
 - 5. Roppe Corporation.
- B. **Applications:** Installing but not limited to: Carpet bar for lackless installations. Carpet edge for glue-down applications. Nosing for carpet. Nosing for resilient floor covering. Reducer strip for resilient floor covering, and Joiner for tile and carpet.
- C. **Material:** Rubber.
- D. **Colors and Patterns:** As listed in the Legend-Finish Schedule or if not listed in the finish schedule then as selected by the Architect from the manufacturer's full range of colors. Coordinate with the Architect for the pattern.

2.3 INSTALLATION MATERIALS

- A. **Trowelable Levelling and Patching Compounds:** Latex-modified, Portland cement based or bonded hydraulic cement based formulation provided or approved by resilient product manufacturer for applications indicated.
- B. **Adhesives:** Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
- C. **Metal Edge Strips:** Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize running joints.

EXECUTION

PREPARATION

1. Coordination: Furnish layouts for inserts, clips, or other supports required to be installed by other trades for support of acoustical ceilings.
2. **Furnish components:** Inserts, steel deck hanger clips and similar devices for other trades for installation well in advance of time needed for coordination of other work.
3. **Layout:** Measure each ceiling area and establish layout of acoustical units to balance border widths at opposite edges of each ceiling. Avoid use of less-than-half width units at borders, and comply with reflected ceiling plans whenever possible.

INSTALLATION

- A. **General:** Install materials in accordance with manufacturer's printed instructions, and to comply with covering requirements, fire resistance rating requirements as indicated, and industry standards applicable to work.
- B. **Arrange acoustical units** and orient directionally-patterned units (if any) in manner shown by reflected ceiling plans.
- 1. Install tile with pattern running in one direction.
- C. **Install suspension systems** to comply with ASTM C 636, with hangers supported only from building structural members. Locate hangers not less than 6 inches from end and spaced at 48 inches on center carrying channel or direct-hung runner, unless otherwise indicated, leveling to tolerance of 1/8 inch in 12 feet. Comply with detail on drawings for seismic bracing.
- D. **Secure wire hangers** by looping and wire tying, either directly to structures or to inserts, eye-screws, or other devices which are secure and appropriate for substrate, and which will not deteriorate or fail with age or elevated temperatures.
- 1. Install hangers plumb and free from contact with insulation or other materials within ceiling plenum which are not part of supporting structural or ceiling suspension system. Splay hangers only where required to miss obstructions and offset resulting horizontal force by bracing, counterbalancing or other equally effective means.
- E. **Install edge moldings** of type indicated at perimeter of acoustical ceiling area and at locations where necessary to conceal edges of acoustical units.
- 1. Screw-weld moldings to substrate at intervals not over 16 inches on center and not more than 3 inches from ends, leveling with ceiling suspension system to tolerance of 1/8 inch in 12 feet. After corners accurately and covered securely.
- F. **Install acoustical panels** in coordination with suspension system, with edges concealed by support of suspension members. Settle and cut panels to fit accurately at borders and at penetrations.
- 1. Paint cut and exposed edges of acoustical tile.
 - 2. Install hold-down clips in areas indicated, and in areas where required by governing regulations or for fire-resistance ratings; space as recommended by panel manufacturer, unless otherwise indicated or required.

ADJUST AND CLEAN

1. **Clean exposed surfaces** of acoustical ceilings, including trim, edge moldings, and suspension members; comply with manufacturer's instructions for cleaning and touch-up of minor finish damage. Remove and replace work that cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

SECTION 09 6519 RESILIENT FLOOR TILE AND ACCESSORIES

PRODUCTS

LUXURY VINYL TILE (SOLID VINYL)

- A. **Available Manufacturers:** Subject to compliance with requirements of Contract Documents, manufacturers offering products which may be incorporated into the Work include, but are not limited to, the following:
- 1. Manufacturer: Mannington Commercial.
 - 2. Product:
 - a. Collection: Color Anchor
 - b. Style: Groove & Groove
 - c. Color: See Drawings / Finish Legend
 - d. Size: 18" x 18"
- B. **The Standard:** ASTM F 1700.
- 1. Class: Class II printed firm vinyl tile.
 - 2. Type: B, smooth surface, finish: UV-cured polyurethane.
 - 3. Overall Thickness: 0.090 inch
 - 4. Wear Layer Thickness: 0.020 inch.
 - 5. Size: 18 inches W x 36 inches L.
 - 6. Finish: Anti-static, anti-static enhanced urethane.
- C. **Colors and Patterns:** As listed in the Finish Schedule or if not listed in the finish schedule then as selected by the Architect from the manufacturer's full range of colors. Coordinate with the Architect for the pattern.

SECTION 09 6813 CARPET TILE (continues)

RESILIENT WALL BASE

- A. **Basic of Design:** Contract Documents are based on products specified below to establish a standard of quality and to determine color scheme. Other available manufacturers with products having equivalent characteristics may be considered, provided that they are minor and design concept as expressed in the Contract Documents is not compromised, as judged by the Architect.
- 1. **Manufacturer:** Burke Flooring, a division of Burke Industries.
- B. **Available Manufacturers:** Subject to compliance with requirements of Contract Documents, manufacturers with products that may be incorporated into the Work include, but are not limited to, the following:
- 1. Burke Flooring, a division of Burke Industries.
 - 2. Chem-Calk 600, Woodmont Products, Inc.
 - 3. Flexco.
 - 4. R. C. Musson Rubber Co.
 - 5. Roppe Corporation.
- C. **Characteristics:**
- 1. Standard: ASTM F 1861.
 - 2. Type (Materials as Recommended): TP (rubber, thermoplastic).
 - 3. Group (Manufacturing Method): I (solid, homogeneous).
 - 4. Style: Cove.
 - 5. Minimum Thickness: 0.125 inch.
 - 6. Height: 4 inches.
 - 7. Lengths: Coils in manufacturer's standard length.
 - 8. Outside Corners: Pre-molded.
 - 9. Inside Corners: None.
 - 10. Surface: Smooth.
 - 11. Location of intermediate seams: At inside corners only.
- D. **Colors and Patterns:** As listed in the Finish Schedule or if not listed in the finish schedule then as selected by the Architect from the manufacturer's full range of colors. Coordinate with the Architect for the pattern.

RESILIENT MOLDING ACCESSORY

- A. **Available Manufacturers:** Subject to compliance with requirements of Contract Documents, manufacturers with products that may be incorporated into the Work include, but are not limited to, the following:
- 1. Burke Flooring, a division of Burke Industries.
 - 2. Johnsenite, a Tarkett brand.
 - 3. Flexco.
 - 4. R. C. Musson Rubber Co.
 - 5. Roppe Corporation.
- B. **Applications:** Installing but not limited to: Carpet bar for lackless installations. Carpet edge for glue-down applications. Nosing for carpet. Nosing for resilient floor covering. Reducer strip for resilient floor covering, and Joiner for tile and carpet.
- C. **Material:** Rubber.
- D. **Colors and Patterns:** As listed in the Legend-Finish Schedule or if not listed in the finish schedule then as selected by the Architect from the manufacturer's full range of colors. Coordinate with the Architect for the pattern.

2.5 INSTALLATION MATERIALS

- A. **Trowelable Levelling and Patching Compounds:** Latex-modified, Portland cement based or bonded hydraulic cement based formulation provided or approved by resilient product manufacturer for applications indicated.
- B. **Adhesives:** Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
- C. **Metal Edge Strips:** Extruded aluminum with mill finish of width shown, of height required to protect exposed edges of tiles, and in maximum available lengths to minimize running joints.

EXECUTION

EXAMINATION

- A. **Examine substrates,** with Installer present, for compliance with requirements for installation tolerances, moisture content, and other conditions affecting performance.
- B. **Applications:** Installing but not limited to: Carpet bar for lackless installations. Carpet edge for glue-down applications. Nosing for carpet. Nosing for resilient floor covering. Reducer strip for resilient floor covering, and Joiner for tile and carpet.
- C. **Material:** Rubber.
- D. **Colors and Patterns:** As listed in the Legend-Finish Schedule or if not listed in the finish schedule then as selected by the Architect from the manufacturer's full range of colors. Coordinate with the Architect for the pattern.

PREPARATION

- A. **Prepare substrates** according to manufacturer's written recommendations to ensure adhesion of resilient products.
- B. **Concrete Substrates:** Prepare according to ASTM F 710.
- 1. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
 - 2. Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
 - 3. Moisture Testing: Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates pass testing.
 - 4. Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing.
- C. **Remove substrate** and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
- D. **Use trowelable levelling and patching compound** to fill cracks, holes, and depressions in substrates.
- E. **Move resilient products and installation materials** into spaces where they will be installed at least 48 hours in advance of installation.
- F. **Do not install** resilient products until they are same temperature as space where they are to be installed.
- G. **Sweep and vacuum clean substrates** to be covered by resilient products immediately before installation. After cleaning, examine substrates for moisture, alkaline salts, carbonation, and dust. Proceed with installation only after unsatisfactory conditions have been corrected.

TILE INSTALLATION

- A. **Lay out tiles** from center marks established by principal walls, discounting minor offsets, so tiles at opposite edges of room are equal width. By selecting lines as necessary to avoid using cut widths that equal less than one-half tile at perimeter.
- 1. Lay tiles square with room axis.
- B. **Match tiles** for color and pattern by adjusting lines from corners to the same sequence as manufactured and packaged, if so numbered. Discard broken, cracked, chipped, or deformed tiles.
- 1. Lay tiles with grain direction alternating in adjacent tile (basket-weave pattern).
- C. **Sealant:** Cut, and fit tile to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, edgings, door frames, thresholds, and nosings.
- D. **Extend tiles into toe spaces,** door reveals, closets, and similar openings.
- E. **Maintain reference markers,** door reveals, closets, and similar openings.
- F. **Adhere tiles** to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections. Use chalk or other nonpermanent, non-staining marking device.
- G. **All game lines, accessories, etc.** shall be cut out after tile has been completely installed. Where available, provide manufacturer's pre-cut game line kit. Do not field cut game lines if product is available from the manufacturer. Field cut field tiles to accommodate factory game line kits.
- 1. Conform to the latest edition of the Utah sports facilities layout for court and game line dimensions. Verify with Architect, prior to layout, exact dimensions to be used.
- H. **Install tiles on covers** for telephone and electrical ducts and similar items in finished floor areas. Maintain overall continuity of color and pattern with pieces of tile installed on covers. Tightly adhere tile edges to substrates that are cut covers and to cover perimeters.
- I. **Adhere tiles** to flooring substrates using a full spread of adhesive applied to substrate to produce a completed installation without open cracks, voids, raising and puckering at joints, telegraphing of adhesive spreader marks, and other surface imperfections. Use chalk or other nonpermanent, non-staining marking device.

RESILIENT WALL BASE INSTALLATION

- A. **Apply wall base** to walls, columns, plasters, casework and cabinets in toe spaces, and other locations where resilient fixtures in rooms and areas where base is required.
- B. **Install wall base** with seams occurring only at inside corners, without gaps at seams and with tops of adjacent pieces aligned. Do not install separate pieces with the same run and an uninterrupted wall. Transition all base pieces at door frames, inside corners of millwork or walls, and at hidden side of column wares. Coordinate with the Architect for all transitions prior to installation.
- C. **Tightly adhere wall base** to substrate throughout length of each piece, with base in continuous contact with horizontal and vertical substrates.
- D. **Do not stretch wall base** during installation.
- E. **On masonry surfaces** or other similar irregular substrates, fill voids along top edge of wall base with fresh paint, adhesive filler material.
- F. **Pre-molded corners:** Install pre-molded corners at outside corners only, and only at locations where the return leg of the surface is equal to or shorter in length than the manufacturer's standard pre-molded corner. Install all pre-molded outside corners BEFORE installing straight pieces. Coordinate with the Architect prior to installation of any rubber base to identify all locations requiring pre-molded outside corners.

RESILIENT ACCESSORY INSTALLATION

- A. **Resilient Strip Accessories:**
- 1. Use star-need-nose filler to fill nosing substrates that do not conform to tread contours.
 - 2. Tightly adhere to substrate throughout length of each piece.
 - 3. For tread installed as separate, equal-length units, install to produce a flush joint between units.
- B. **Resilient Molding Accessories:** Drill to adjacent materials and lightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor coverings that would otherwise be exposed.
- C. **Perform the following operations** immediately after completing resilient product installation:
- 1. Remove adhesive and other blemishes from exposed surfaces.
 - 2. Sweep and vacuum surfaces thoroughly.
 - 3. Dampening surfaces to remove marks and soil.
 - a. Do not wash surfaces until at least one month recommended by manufacturer.
- D. **Protect resilient products** from marks, marks, indentations, and other damage from construction operations and placement of equipment and fixtures during remainder of construction period. Use protection methods recommended in writing by manufacturer.
- 1. Apply protective floor rolls to horizontal surfaces that are free from soil, visible adhesive, and surface blemishes if recommended in writing by manufacturer.
 - 2. Cover products installed on horizontal surfaces with unyielded, untreated building paper until Substantial Completion.
 - 3. Do not move heavy and sharp objects directly over surfaces. Place cardboard or plywood panels over flooring and under objects while they are being moved. Slide or roll objects over panels without moving panels.

SECTION 09 8813 CARPET TILE

PRODUCTS

CARPET TILE

- A. **Acceptable Product:** Subject to compliance with requirements, provide products indicated below and in Legend-Finish Schedule on Drawings. Substitutions will not be considered.
- 1. Manufacturer: Shaw Contract Group.
 - 2. Collection: The Park.
 - 3. Style: Drift Tie #ST142
 - 4. Colors: As indicated on Key-Finish on Drawings
- B. **Properties:**
- 1. Construction: Multi-level pattern loop.
 - 2. Fiber: Eco Solution 100 nylon.
 - 3. Dye Method: 100 percent solution.
 - 4. Tile Size: 9' x 36' inches.
 - 5. Gauge: 1/12 inch.
 - 6. Finished Pie Thickness: 0.130 inch.
 - 7. Average Density: 9302 ounces per cubic yard.
 - 8. Tufted Weight: 22 ounces/square yard.
 - 9. Backing: Ecovora® tile.
- C. **System Characteristics:**
- 1. **Color and Pattern:** Select from manufacturer standards
 - 2. **Wearing Surface:** Standard
 - 3. **Overall Cove Base:** T80
 - 4. **Overall System Thickness:** 2mm

SECTION 09 8813 CARPET TILE (continues)

INSTALLATION ACCESSORIES

- A. **Trowelable Levelling and Patching Compounds:** Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer in a clean condition, free of foreign materials and residue.
- B. **Adhesives:** Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit substrates and substrate conditions indicated, that complies with flammability requirements for installed carpet tile and is recommended by carpet tile manufacturer for releasable installation.

EXECUTION

EXAMINATION

- A. **Examine substrates,** areas, and conditions, with Installer present, for compliance with requirements for installation tolerances, moisture content, alkalinity range, installation tolerances, and other conditions affecting carpet tile performance. Examine carpet tile for type, color, pattern, and potential defects.
- B. **Concrete Subsurfaces:** Verify that concrete slabs comply with ASTM F 710 and the following:
- 1. Substrates are dry and free of curing compounds, sealers, hardeners, and other materials that may interfere with adhesive bond. Determine adhesion and dryness characteristics by performing bond and moisture tests recommended by carpet tile manufacturer.
 - 2. Substrates are free of cracks, ridges, depressions, scale, and foreign deposits.
- C. **Proceed with installation** only after unsatisfactory conditions have been corrected.
- D. **General:** Comply with CR 104 and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation.
- E. **Use trowelable levelling and patching compounds,** according to manufacturer's written instructions, to fill cracks, holes, depressions, and protrusions in substrates. Fill or level cracks, holes and depressions 1/8 inch wide or wider and protrusions more than 1/32 inch, unless more stringent requirements are required by manufacturer's written instructions.
- F. **Remove coatings,** including curing compounds, and other substances that are incompatible with adhesives and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet tile manufacturer.
- G. **Broom and vacuum clean substrates** to be covered immediately before installing carpet tile.

INSTALLATION

- A. **General:** Comply with CR 104 and with carpet tile manufacturer's written installation instructions.
- B. **Installation Method:** Glue down; install every tile with full-spread, releasable, pressure-sensitive adhesive.
- C. **Maintain dye lot integrity.** Do not mix dye lots in same area.
- D. **Flat and fit carpet tile to butt tightly** to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, pipes, outlets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.
- E. **Extend carpet tile into toe spaces,** door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- F. **Maintain reference markers,** holes, and openings that are in place or marked for future cutting by spreading on finish flooring as marked on subfloor. Use nonpermanent, nonstaining marking device.
- G. **Install pattern as shown** on Drawings and as required by Architect.

CLEANING AND PROTECTION

- A. **Perform the following operations** immediately after installing carpet tiles:
- 1. Remove excess adhesive, seam sealer, and other surface blemishes using cleaner recommended by carpet tile manufacturer.
 - 2. Remove yarns that protrude from carpet tile surface.
 - 3. Vacuum carpet tile using commercial machine with face-beater element.
- B. **Protect installed carpet tile** in compliance with CR 104.
- C. **Protect carpet tile** against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

SECTION 09 9123 PAINTING

PRODUCTS

MANUFACTURERS

- A. **Acceptable Manufacturers:** Subject to compliance with requirements of Contract Documents, manufacturers with products that may be incorporated into the Work include, but are not limited to, the following:
- 1. Sherwin-Williams Company.

MATERIALS

- A. **Material Quality:** Provide best quality grade of various types of coatings as regularly manufactured by acceptable paint materials manufacturers. Materials not displaying manufacturer's identification as a standard, best-grade product will not be acceptable.
- B. **Proprietary names** used to designate color or materials are not intended to imply that products of named manufacturers are required to exclusion of equivalent products of other manufacturers.
- C. **Federal Specifications** establish minimum acceptable quality for paint materials. Provide written certification from paint manufacturer that materials provided meet or exceed these minimums.
- D. **Manufacturer's products** which comply with coating quality requirements of applicable Federal Specifications, yet offer in quantitative requirements, may be considered for use when acceptable to Architect. Furnish material data and manufacturer's certificate of performance to Architect for any proposed substrates.
- E. **Color Pigments:** Pans, non-fading, applicable types to suit substrates and service indicated. Notify Architect in writing situations where the pigments of a chosen color are known to react with high alkalinity substrates (chemical burn), especially where a color is scheduled to be applied to a highly alkaline substrate. Notify Architect if color pigments will cause product to exceed allowable VOC limits.
- F. **Chemical Components of Interior Paints and Coatings:** Provide products that comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24) and the following chemical restrictions:
- 1. Flat Paints and Coatings: VOC content of not more than 50 g/L.
 - 2. Non-Flat Paints and Coatings: VOC content of not more than 150 g/L.
 - 3. Anticorrosive Coatings: VOC content of not more than 250 g/L.
 - 4. Veneishes and Sanding Sealers: VOC content of not more than 350 g/L.
 - 5. Stains: VOC content of not more than 250 g/L.
 - 6. Aromatic Compounds: Paints and coatings shall not contain more than 1.0 percent by weight of total aromatic compounds (including combination compounds containing one or more benzene rings).
 - 7. Furniture products which have zero VOC content wherever possible.
- G. **Lead content in pigment, if any,** is limited to contain not more than 0.06 percent lead, as lead metal based on the total non-volatile (dry-film) of paint by weight.
- 1. This limitation is extended to interior surfaces and other exterior surfaces, such as stairs, decks, porches, railings, windows, and doors which are readily accessible to children under seven years of age.

EXECUTION

EXAMINATION

- A. **Applicator must examine areas and conditions** under which painting work is to be applied and notify Contractor in writing of conditions detrimental to proper and timely completion of work. Do not proceed with work until unsatisfactory conditions to be corrected in a manner acceptable to Applicant.
- B. **Follow the following standards:**
- 1. Comply with PDCA Standard P-4 "Responsibility for Inspection and Acceptance of Surfaces prior to Painting and Decorating"
- C. **Starting of painting work will be construed** as Applicant's acceptance of surfaces and conditions within any particular area.
- D. **Do not paint over dirt, rust, scale, grease, moisture, spalled surfaces, or conditions otherwise detrimental** to formation of a durable paint film.

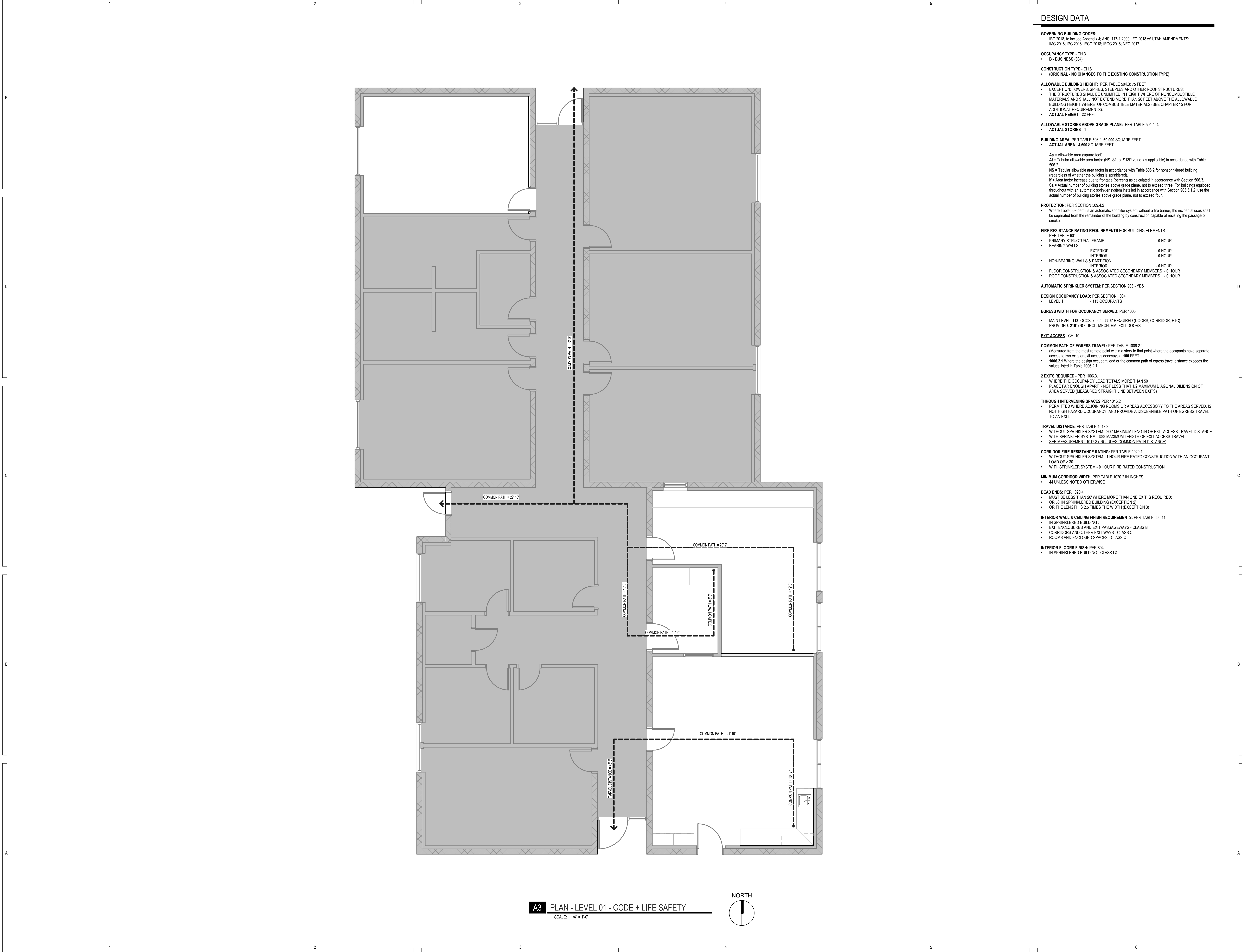
3.2 PREPARATION

- A. **General:** Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions and as herein specified, for each particular substrate condition.
- B. **Barrier Coats:** Provide barrier coats over noncompatible primers or remove and re-prime as required. Notify Architect in writing of any anticipated problems in using the specified coating systems with substrates primer by others.
- C. **Accessories Removal:** Remove hardware, hardware accessories, machined surfaces, plates, lightings, fixtures, and similar items in place and not to be finish-painted, or provide surface-applied protection prior to surface preparation and painting operations. Remove, if necessary, for complete sanding of items and adjacent substrates. Following completion of painting of each space or area, reinstall removed items.
- D. **Surface Preparation:** Clean surfaces to be painted before applying paint or surface treatments. Remove oil and grease prior to mechanical cleaning. Program cleaning and painting so that contaminants from cleaning process will not fall onto wet, newly-painted surfaces.
- E. **Cementitious Materials:** Prepare cementitious surfaces to be painted by removing efflorescence, chalk, dirt, grease, and by roughing as required to remove glass.
- F. **Determine alkalinity and moisture content** of surfaces to be painted by performing appropriate tests. If surfaces are found to be sufficiently alkaline to cause blistering and burning of finishes, chalk, dirt, grease, and by roughing as required to remove glass.
- G. **Where moisture content exceeds that permitted in manufacturer's printed directions,** take the following steps:
- 1. **Remove excess moisture** from surfaces by using the specified coating system.
 - 2. **Clean concrete or masonry surfaces** scheduled to be painted with a commercial solution or efflorescence, chalk, dirt, grease, and by roughing as required to remove glass.
 - 3. **Do not paint over surfaces** where moisture content exceeds that permitted in manufacturer's printed directions.
- H. **Ferrous Metals:** Clean ferrous surfaces, which are not galvanized or zinc-coated, of oil, grease, dirt, loose mill scale, and other foreign substances by solvent or mechanical cleaning.
- I. **Caulk fabrication joints** in hollow metal door frames which paint application cannot bridge.
- J. **Follow manufacturer's surface preparation** recommendations for ferrous metal substrates, ranging from one of the following procedures:
- 1. SSPC-SP 1 - Solvent Cleaning (Nov-04)
 - 2. SSPC-SP 2 - Hand Tool Cleaning (Nov-04)
 - 3. SSPC-SP 3 - Power Tool Cleaning (Nov-04)
 - 4. SSPC-SP 5 - Blast Cleaning (Jan-07)
 - 5. SSPC-SP 6 - Blast Cleaning (Jan-07)
 - 6. SSPC-SP 7 - Blast Cleaning (Jan-07)
 - 7. SSPC-SP 8 - Pickling (Nov-04)
 - 8. SSPC-SP 10 - Blast Cleaning (Jan-07)
 - 9. SSPC-SP 11 - Power Tool Cleaning by Bare Metal (July-12)
 - 10. SSPC-SP 14 - Industrial Blast Cleaning (Jan-07)
 - 11. SSPC-SP 15 - Commercial Grade Power Tool Cleaning (July-12)
 - 12. SSPC-SP 16 - Blast-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals (Apr-10)
- K. **Touch-up:** Touch-up shop-applied prime coats wherever damaged or bare, where required by other sections of these specifications. Clean and touch-up with same type shop primer.
- L. **Galvanized Surfaces:** Clean free of oil and surface contaminants with non-petroleum based solvent. Comply with best practices specified in ASTM D6386 - 10 "Standard Practice for Preparation of Zinc (Hot-Dip Galvanized) Coated Iron and Steel Product and Hardware Surfaces for Painting".
- M. **Wood:** Clean wood surfaces to be painted of dirt, oil, or other foreign substances with scrapers, mineral spirits, and sandpaper, as required. Sandpaper smooth those finished surfaces exposed to view, and dust off, scrape and clean sand, dry, seasoned knots and apply a thin coat of white shellac or other recommended knot sealer, before application of priming coat. After priming, fill holes and imperfections in finish surfaces with putty or plastic wood-filler. Sandpaper smooth when dried.
- 1. Prime, stain, or seal wood required to be job-painted immediately upon delivery to job.
 - 2. Prime edges, ends, faces, undersides, and back-sides of such wood, including cabinets, counters, cases, paneling.
 - 3. When transparent finish is required, use spar varnish for back-painting.
- N. **Exterior Wood Substrates:**
- 1. Scope and clean knots, and apply spot coat of knot sealer before applying primer.
 - 2. Prime edges, ends, faces, undersides, and back-sides of wood.
 - 3. For solid hide stained wood, stain edges and ends after priming.
 - 4. For varnish-coated stained wood, stain edges and ends and prime with varnish.
 - 5. Prime underlaid and back-sides with varnish.
 - 6. Countersink nails, if used, and fill with putty or plastic wood filler tinted to final color. Sand smooth when dried.
 - 7. Tile Size: 9' x 36' inches.
- O. **Interior Wood Substrates:**
- 1. Scope and clean knots, and apply spot coat of knot sealer before applying primer.
 - 2. Apply water-based, 100% solids, oil-free, non-staining primer to all wood surfaces.
 - 3. Apply water-based, 100% solids, oil-free, non-staining primer to all wood surfaces.
 - 4. Sand surfaces exposed to view and dust off.
 - 5. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dry.

SECTION 09 9123 PAINTING (continues)

J. Materials Preparation:

- 1. Mix and prepare painting materials in accordance with manufacturer's directions.
 - 2. Maintain containers used in mixing and application of paint in a clean condition, free of foreign materials and residue.
 - 3. Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into material. Remove film and, if necessary, strain material before using.
- A. **General:** Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.
- 1. Paint colors, surface treatments, and finishes, are indicated in "Schedules" of the Contract Documents.
 - 2. Provide finish surfaces which are compatible with prime paints used.
 - 3. Apply additional coats when undercoats, stains or other conditions show through final coat of paint, until paint film is of uniform finish, color, and appearance. Give special attention to insure that surfaces, including edges, corners, crevices, walls, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces.
 - 4. Paint surfaces behind permanently equipment and furniture same as similar exposed surfaces. Paint surfaces behind moveable equipment or furniture with prime coat only before final installation of equipment.
 - 5. Paint interior surfaces of doors, where visible through registers or grilles, with a flat, non-specular black paint.
 - 6. Paint back-sides of access panels, and removable or hinged covers to match exposed surfaces.
 - 7. Finish doors on tops, bottoms and side edges same as faces, unless otherwise indicated.
 - 8. Sand lightly between coats succeeding enamel or varnish coat.
 - 9. Omit first coat (exterior faces) of surfaces which have been shop-primed and touch-up painted, unless otherwise indicated.
- B. **Scheduling Painting:** Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration.
- 1. Re-coat Time: Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it does not adhere or feel sticky under moderate thumb pressure, and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
 - 2. Minimum Coating Thickness: Apply materials at not less than manufacturer's recommended spreading rate, to establish a total dry film thickness as indicated or, if not indicated, as recommended by coating manufacturer.
- C. **Mechanical and Electrical Work:</**



DESIGN DATA

- GOVERNING BUILDING CODES:**
IBC 2018, to include Appendix J, ANSI 117-1 2009, IFC 2018 w/ UTAH AMENDMENTS;
IMC 2018, IFC 2018, IECC 2018, IFGC 2018, NEC 2017
- OCCUPANCY TYPE** - CH.3
• **B - BUSINESS** (304)
- CONSTRUCTION TYPE** - CH.6
• **(ORIGINAL - NO CHANGES TO THE EXISTING CONSTRUCTION TYPE)**
- ALLOWABLE BUILDING HEIGHT:** PER TABLE 504.3: 75 FEET
• EXCEPTION: TOWERS, SPIRES, STEEPLES AND OTHER ROOF STRUCTURES:
• THE STRUCTURES SHALL BE UNLIMITED IN HEIGHT WHERE OF NONCOMBUSTIBLE MATERIALS AND SHALL NOT EXTEND MORE THAN 20 FEET ABOVE THE ALLOWABLE BUILDING HEIGHT WHERE OF COMBUSTIBLE MATERIALS (SEE CHAPTER 15 FOR ADDITIONAL REQUIREMENTS)
• **ACTUAL HEIGHT - 22 FEET**
- ALLOWABLE STORIES ABOVE GRADE PLANE:** PER TABLE 504.4: 4
• **ACTUAL STORIES - 1**
- BUILDING AREA:** PER TABLE 506.2: 69,000 SQUARE FEET
• **ACTUAL AREA - 4,600 SQUARE FEET**
- Aa** = Allowable area (square feet)
At = Tabular allowable area factor (NS, S1, or S13R value, as applicable) in accordance with Table 506.2
NS = Tabular allowable area factor in accordance with Table 506.2 for nonsprinklered building (regardless of whether the building is sprinklered).
If = Area factor increase due to frontage (percent) as calculated in accordance with Section 506.3.
Sa = Actual number of building stories above grade plane, not to exceed three. For buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.2, use the actual number of building stories above grade plane, not to exceed four.
- PROTECTION:** PER SECTION 508.4.2
• Where Table 509 permits an automatic sprinkler system without a fire barrier, the incidental uses shall be separated from the remainder of the building by construction capable of resisting the passage of smoke.
- FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:**
PER TABLE 601
• PRIMARY STRUCTURAL FRAME - 0 HOUR
• BEARING WALLS
EXTERIOR - 0 HOUR
INTERIOR - 0 HOUR
• NON-BEARING WALLS & PARTITION
INTERIOR - 0 HOUR
• FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS - 0 HOUR
• ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS - 0 HOUR
- AUTOMATIC SPRINKLER SYSTEM:** PER SECTION 903 - YES
- DESIGN OCCUPANCY LOAD:** PER SECTION 1004
• LEVEL 1 - 113 OCCUPANTS
- EGRESS WIDTH FOR OCCUPANCY SERVED:** PER 1005
• MAIN LEVEL 113 OCCS. x 0.2 = 22.6' REQUIRED (DOORS, CORRIDOR, ETC)
PROVIDED: 216' (NOT INCL. MECH. RM. EXIT DOORS)
- EXIT ACCESS** - CH. 10
- COMMON PATH OF EGRESS TRAVEL:** PER TABLE 1006.2.1
• (Measured from the most remote point within a story to that point where the occupants have separate access to two exits or exit access doorways). 100 FEET
• **1006.2.1** Where the design occupant load or the common path of egress travel distance exceeds the values listed in Table 1006.2.1
- 2 EXITS REQUIRED** - PER 1006.3.1
• WHERE THE OCCUPANCY LOAD TOTALS MORE THAN 50
• PLACE FAR ENOUGH APART - NOT LESS THAN 1/2 MAXIMUM DIAGONAL DIMENSION OF AREA SERVED (MEASURED STRAIGHT LINE BETWEEN EXITS)
- THROUGH INTERVENING SPACES** PER 1016.2
• PERMITTED WHERE ADJOINING ROOMS OR AREAS ACCESSORY TO THE AREAS SERVED, IS NOT HIGH HAZARD OCCUPANCY, AND PROVIDE A DISCERNIBLE PATH OF EGRESS TRAVEL TO AN EXIT.
- TRAVEL DISTANCE:** PER TABLE 1017.2
• WITHOUT SPRINKLER SYSTEM - 200' MAXIMUM LENGTH OF EXIT ACCESS TRAVEL DISTANCE
• WITH SPRINKLER SYSTEM - 300' MAXIMUM LENGTH OF EXIT ACCESS TRAVEL
• SEE MEASUREMENT 1017.3 (INCLUDES COMMON PATH DISTANCE)
- CORRIDOR FIRE RESISTANCE RATING:** PER TABLE 1020.1
• WITHOUT SPRINKLER SYSTEM - 1 HOUR FIRE RATED CONSTRUCTION WITH AN OCCUPANT LOAD OF ≥ 30
• WITH SPRINKLER SYSTEM - 0 HOUR FIRE RATED CONSTRUCTION
- MINIMUM CORRIDOR WIDTH:** PER TABLE 1020.2 IN INCHES
• 44 UNLESS NOTED OTHERWISE
- DEAD ENDS:** PER 1020.4
• MUST BE LESS THAN 20' WHERE MORE THAN ONE EXIT IS REQUIRED;
• OR 50' IN SPRINKLERED BUILDING (EXCEPTION 2)
• OR THE LENGTH IS 2.5 TIMES THE WIDTH (EXCEPTION 3)
- INTERIOR WALL & CEILING FINISH REQUIREMENTS:** PER TABLE 803.11
• IN SPRINKLERED BUILDING;
• EXIT ENCLOSURES AND EXIT PASSAGEWAYS - CLASS B
• CORRIDORS AND OTHER EXIT WAYS - CLASS C
• ROOMS AND ENCLOSED SPACES - CLASS C
- INTERIOR FLOORS FINISH:** PER 804
• IN SPRINKLERED BUILDING - CLASS I & II

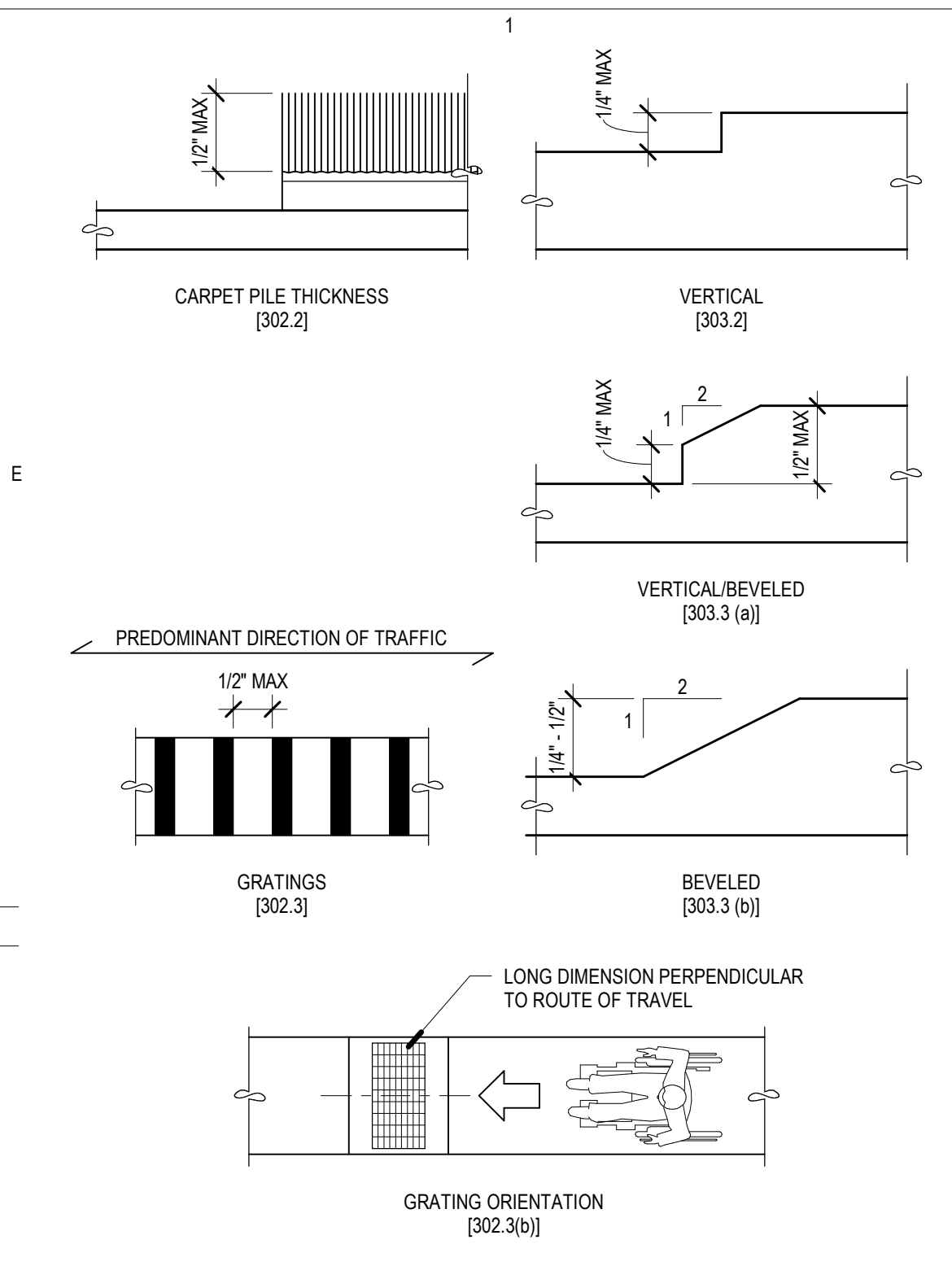
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LICENSED ARCHITECT

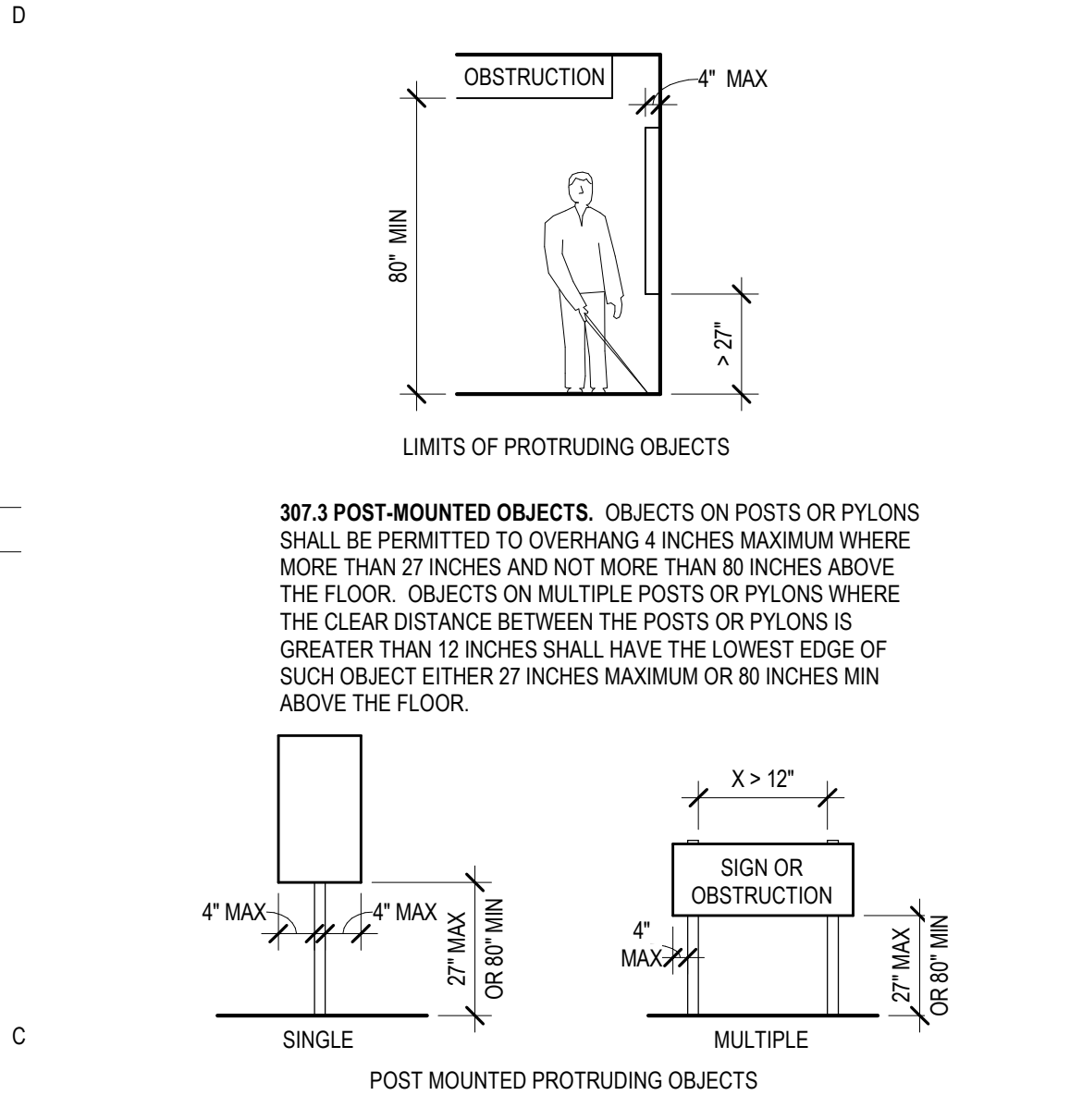
INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"
REMODEL
INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CONSTRUCTION DOCUMENTS

CODE + LIFE SAFETY
G101

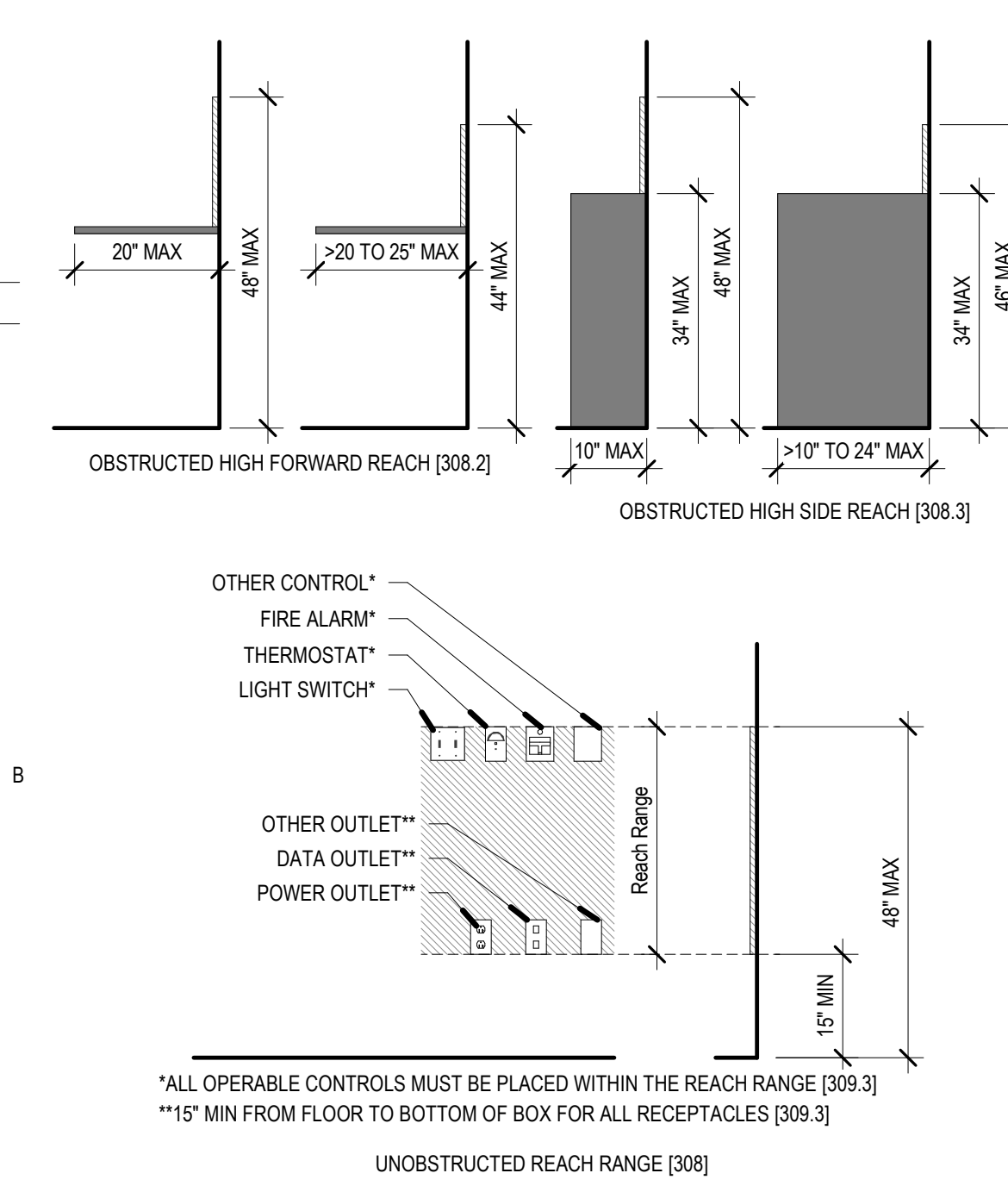
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CLIENT NUMBER:	10011354	
DATE:	2021-09-14	



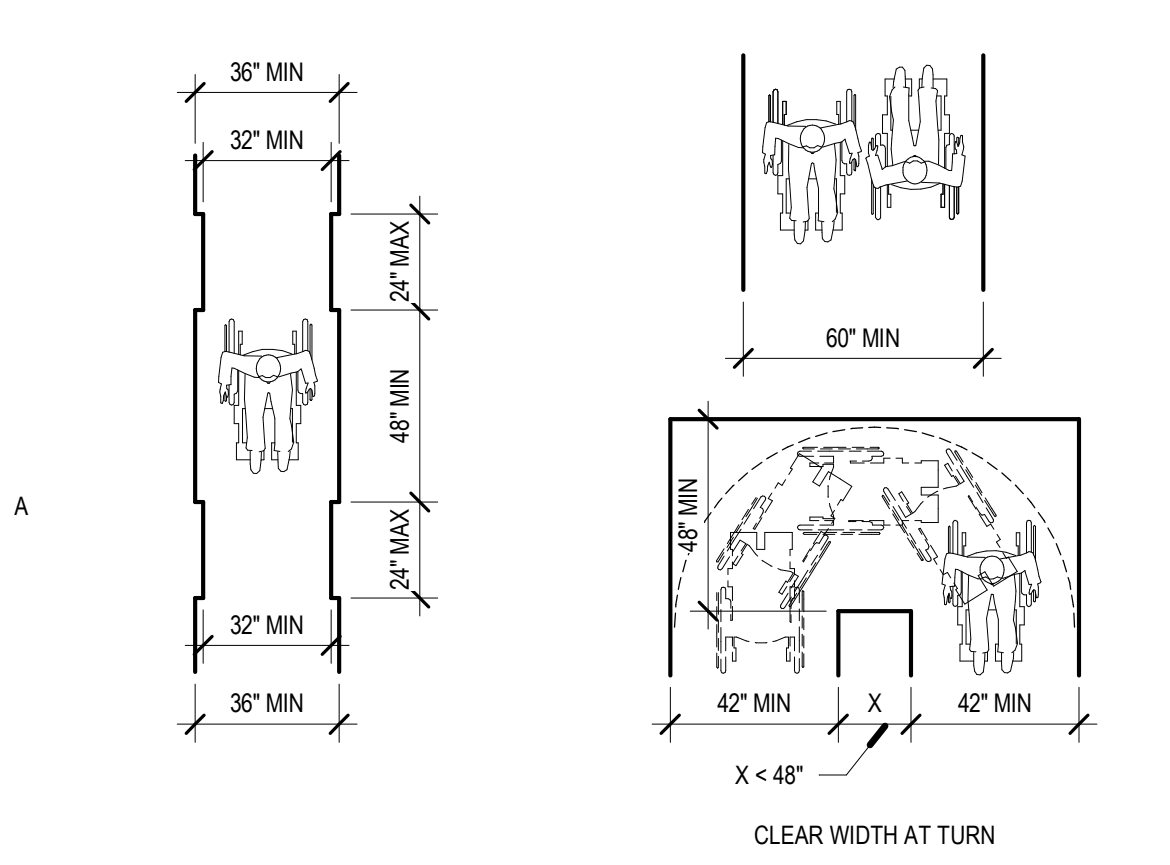
302 & 303. CHANGES IN LEVEL



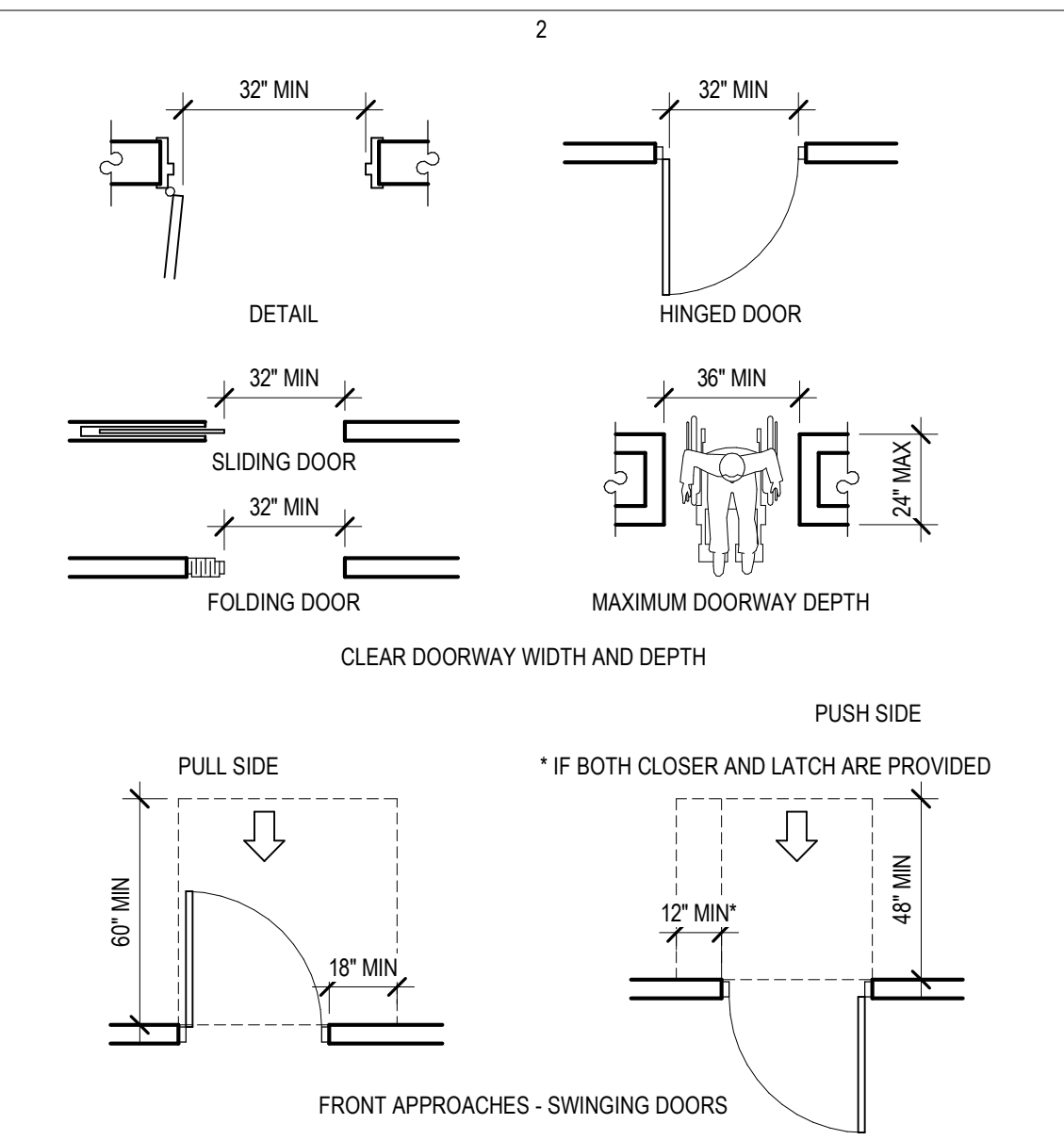
307. PROTRUDING OBJECTS



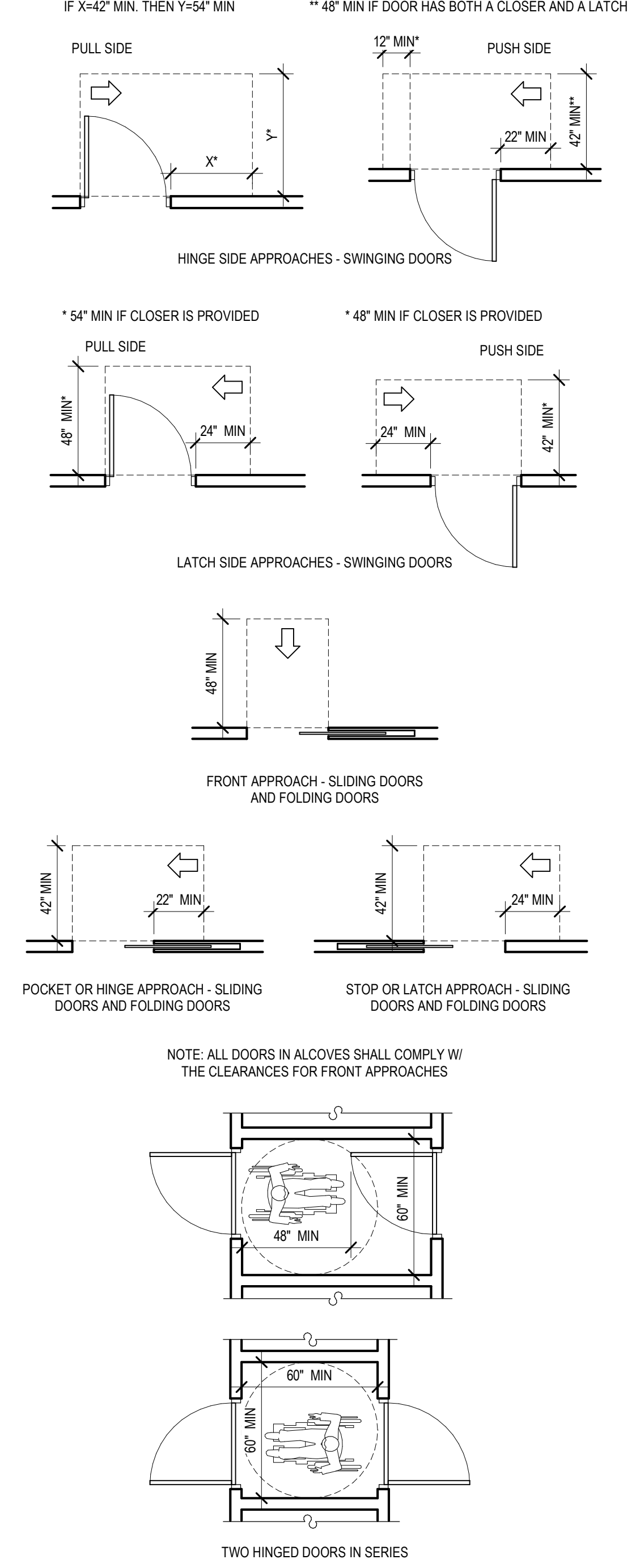
308 & 309. REACH RANGES



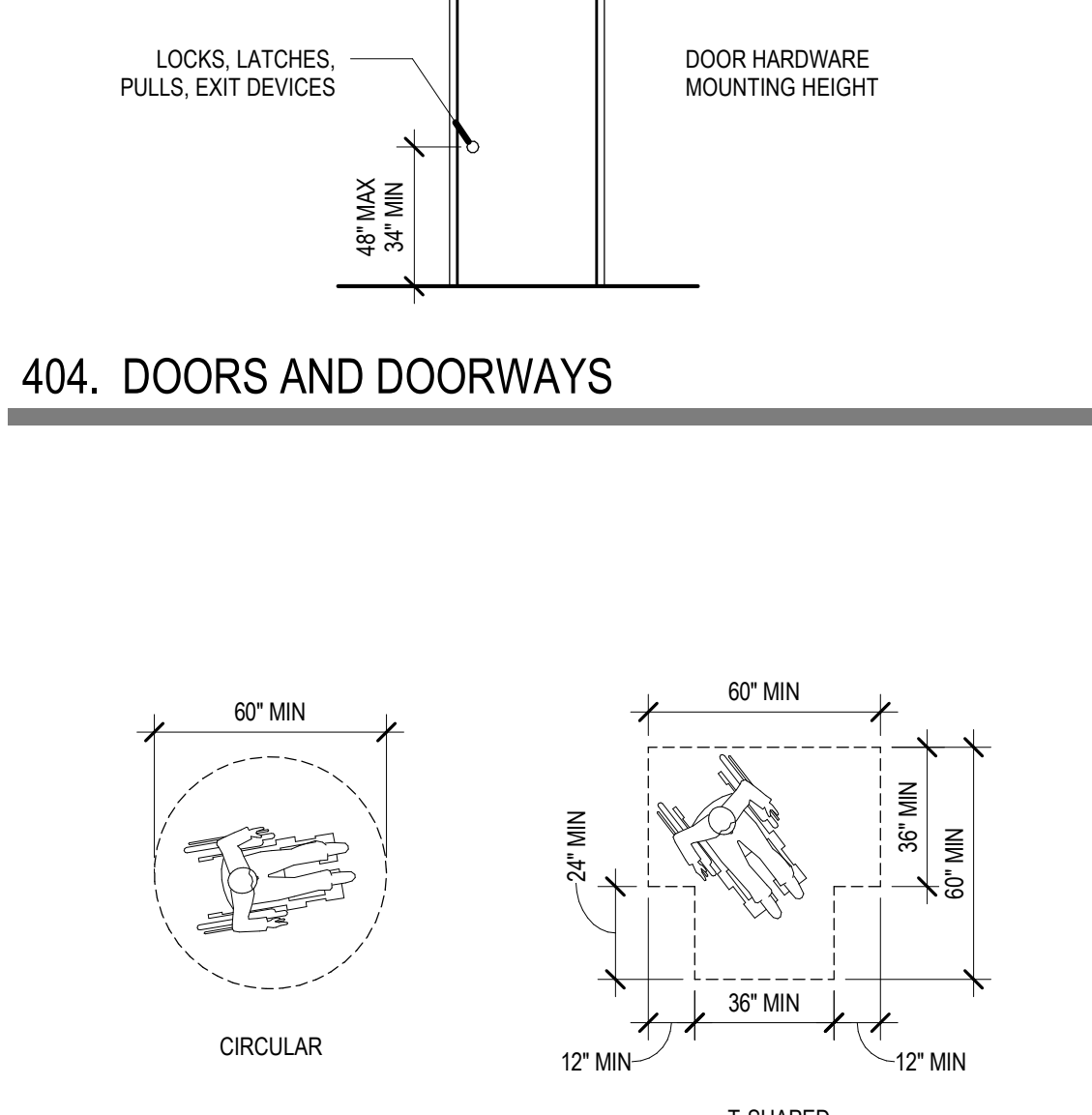
403. ACCESSIBLE ROUTES



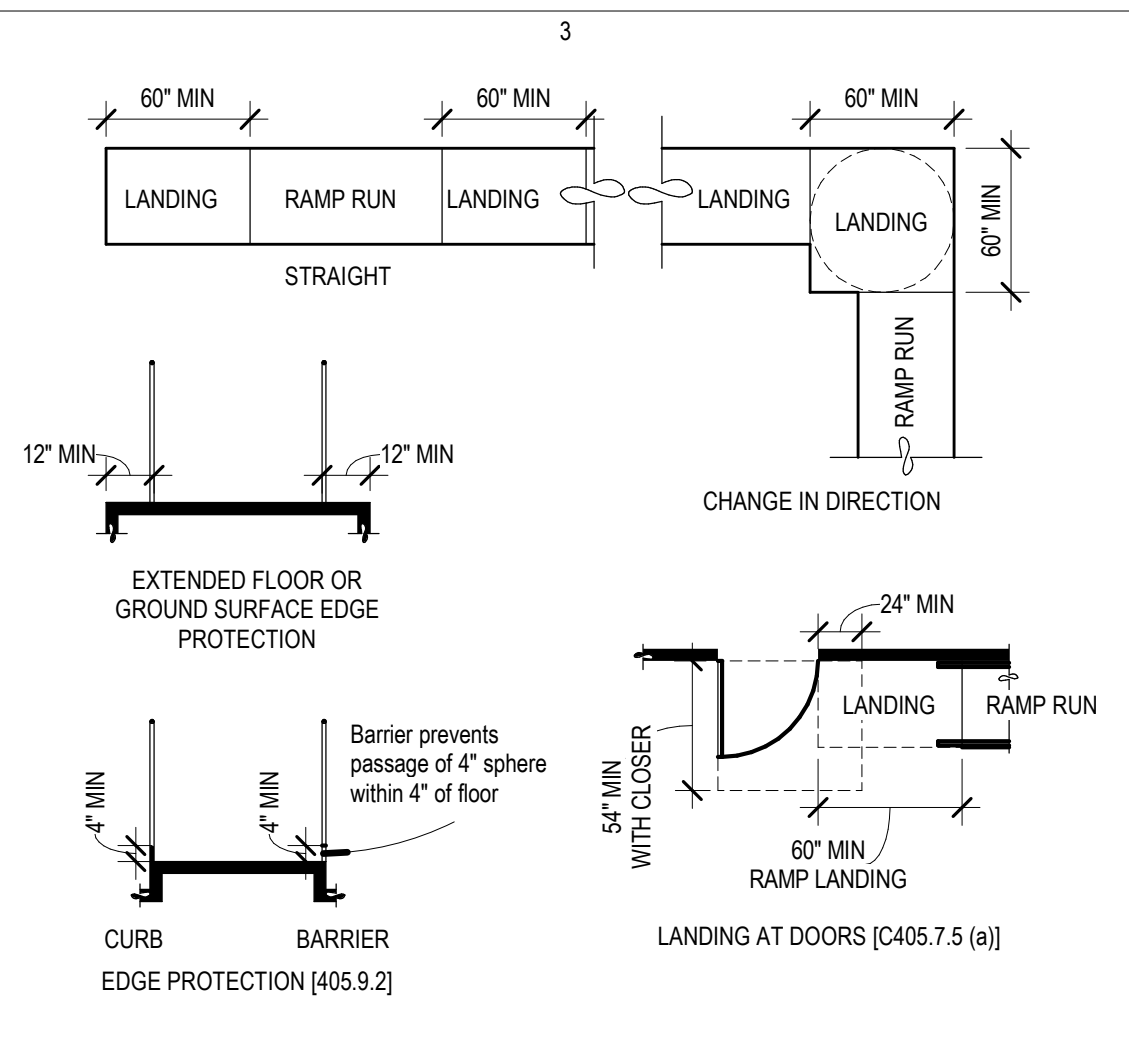
404. DOORS AND DOORWAYS



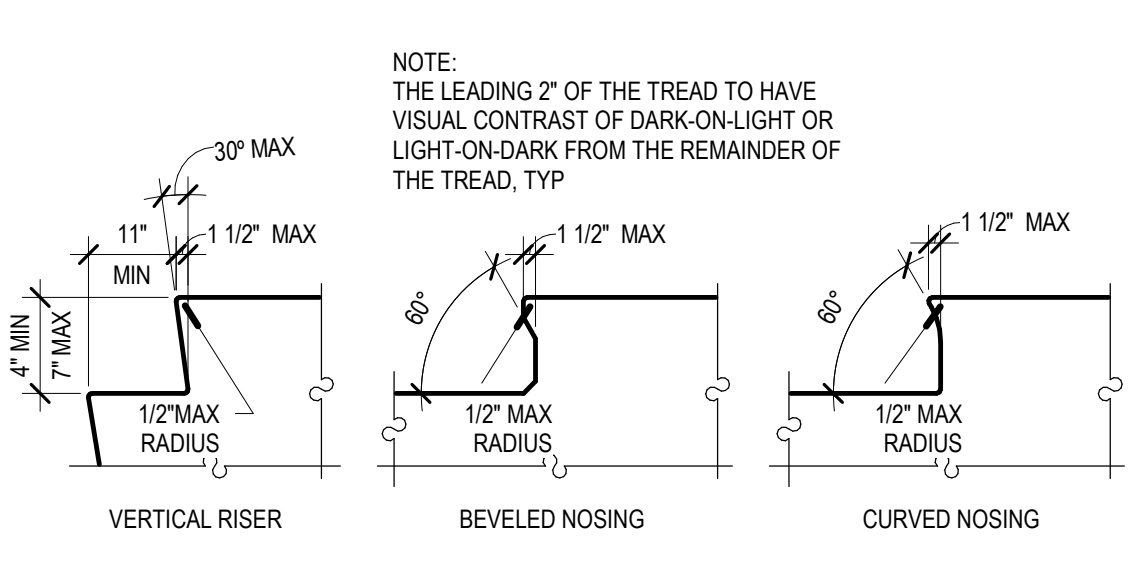
404. DOORS AND DOORWAYS



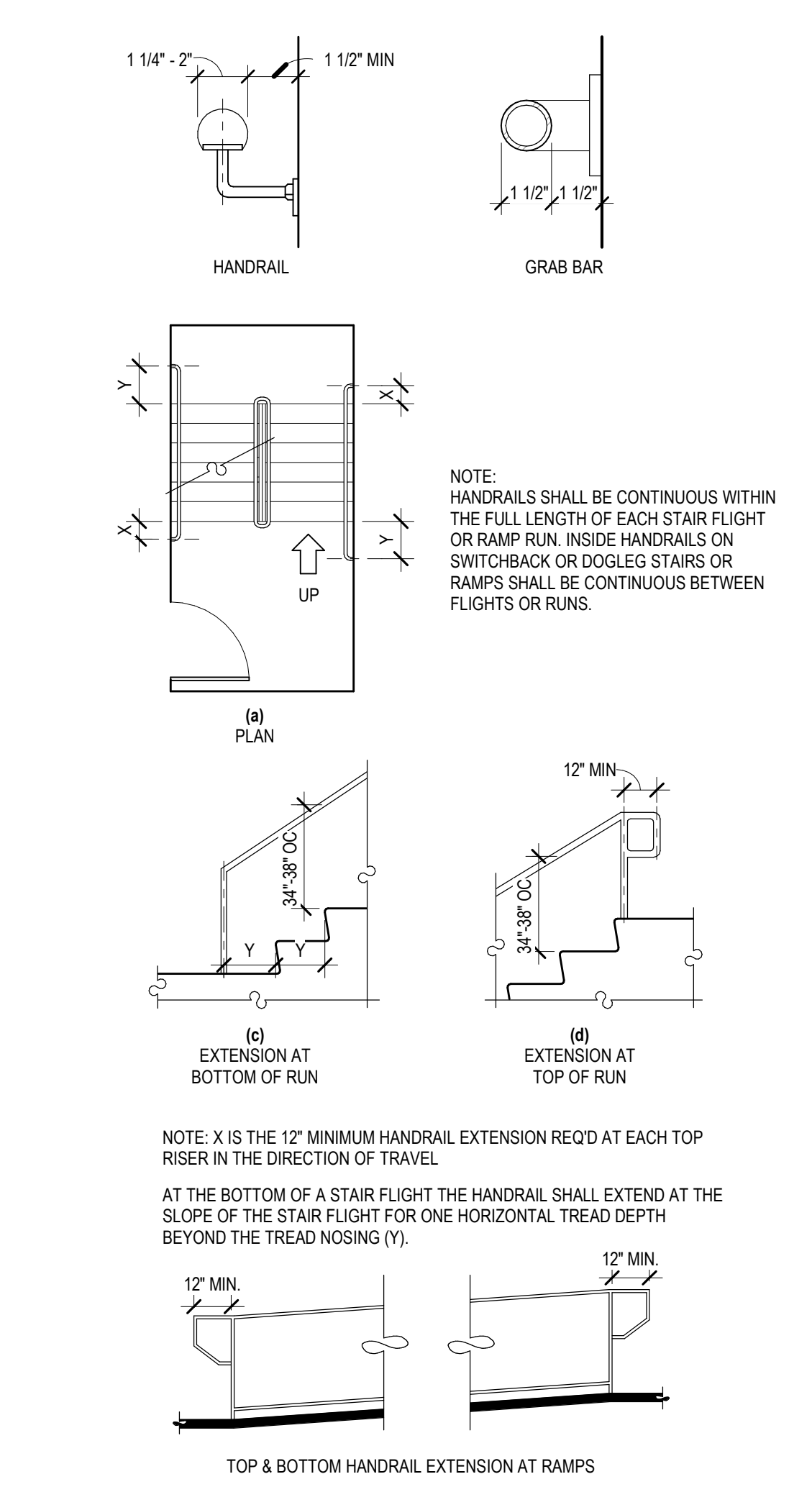
304. TURNING SPACE



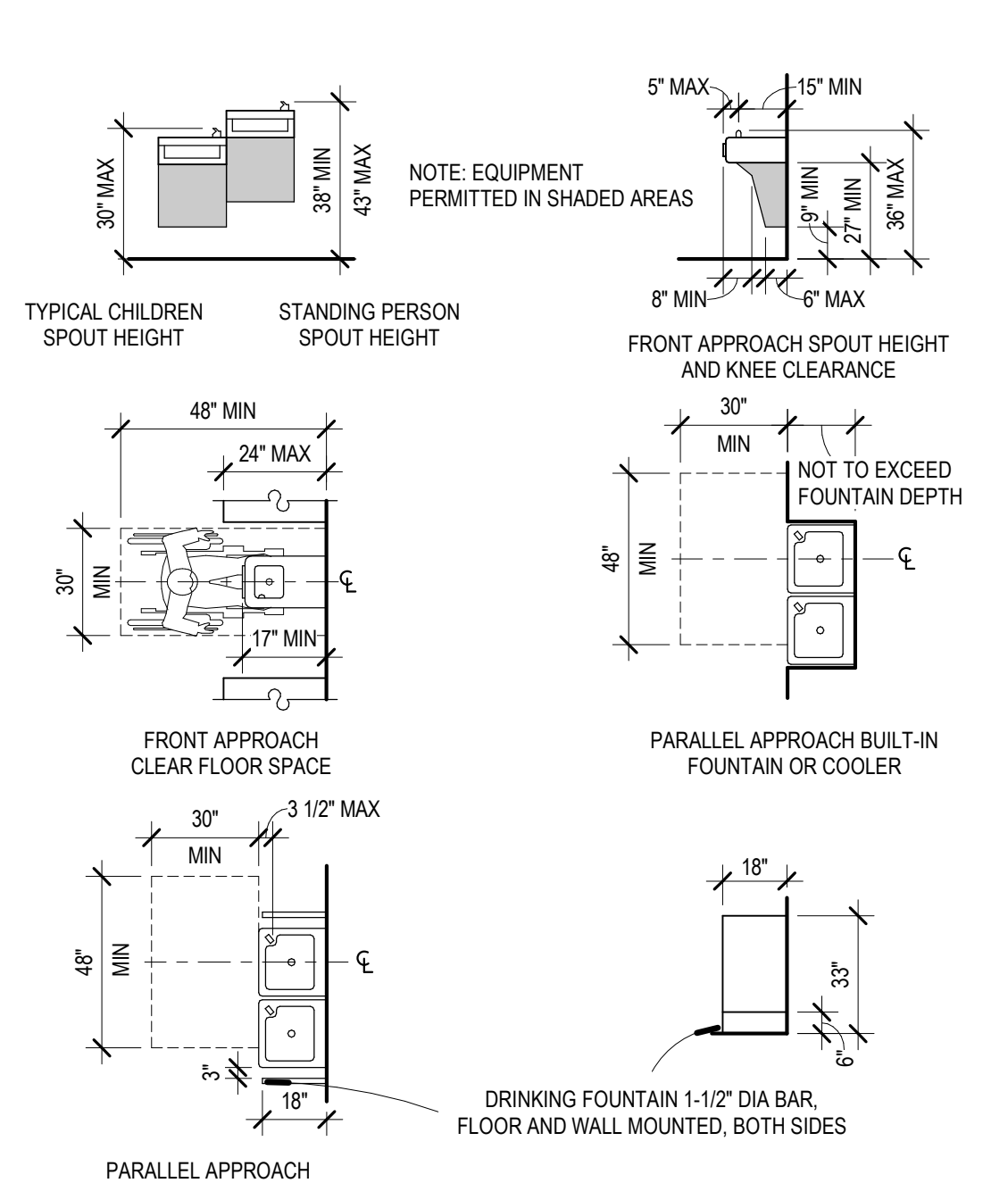
405. RAMPS



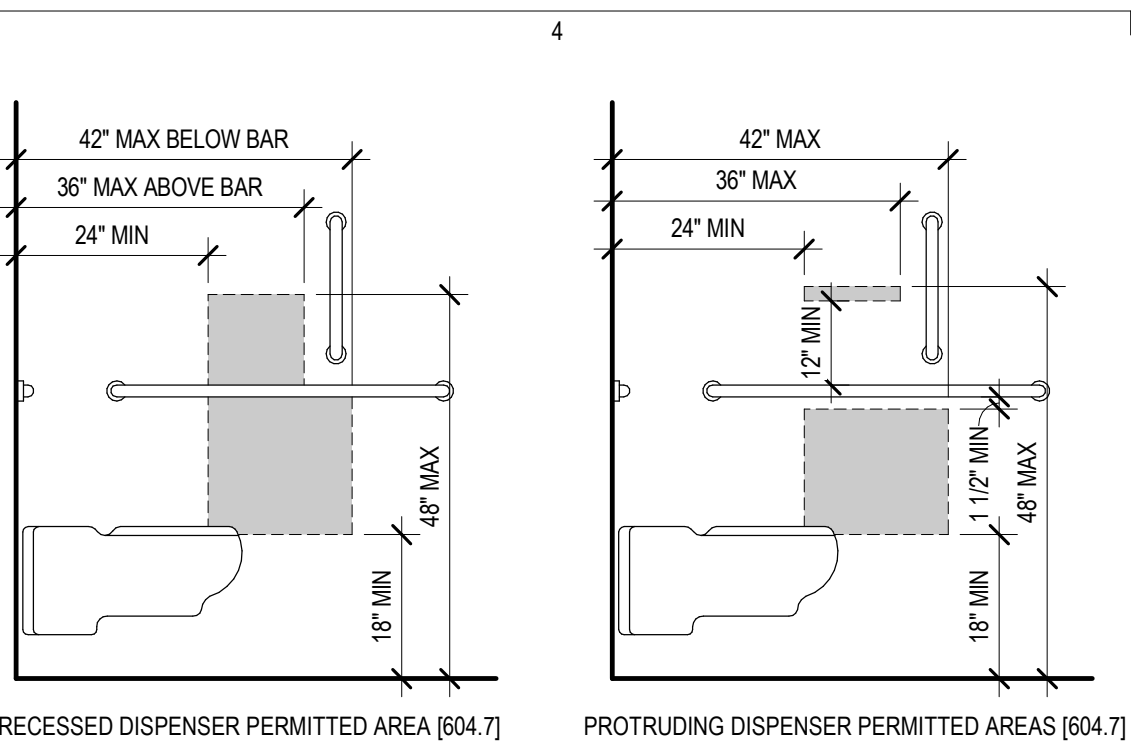
504.5. STAIR NOSINGS



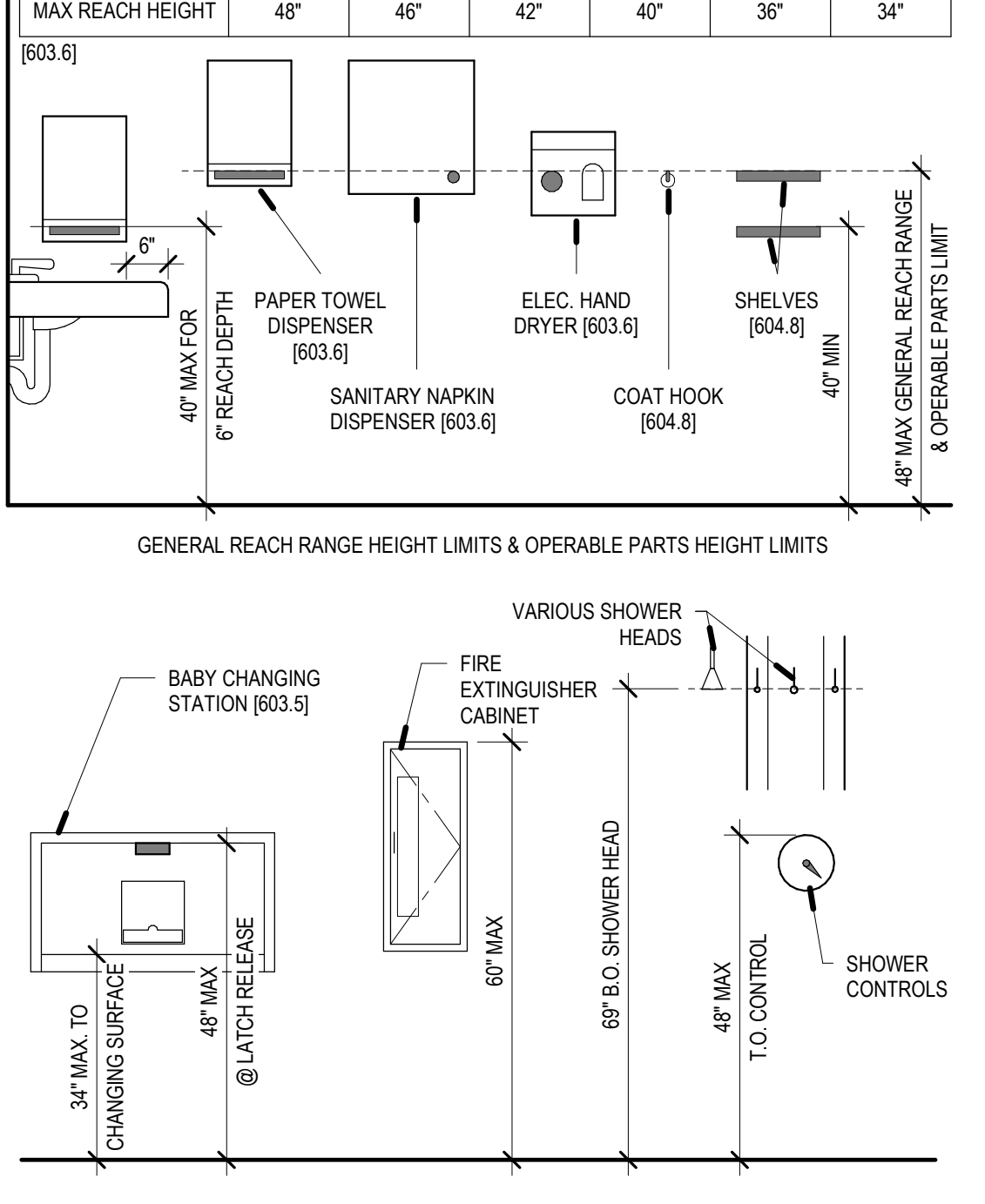
505. HANDRAILS



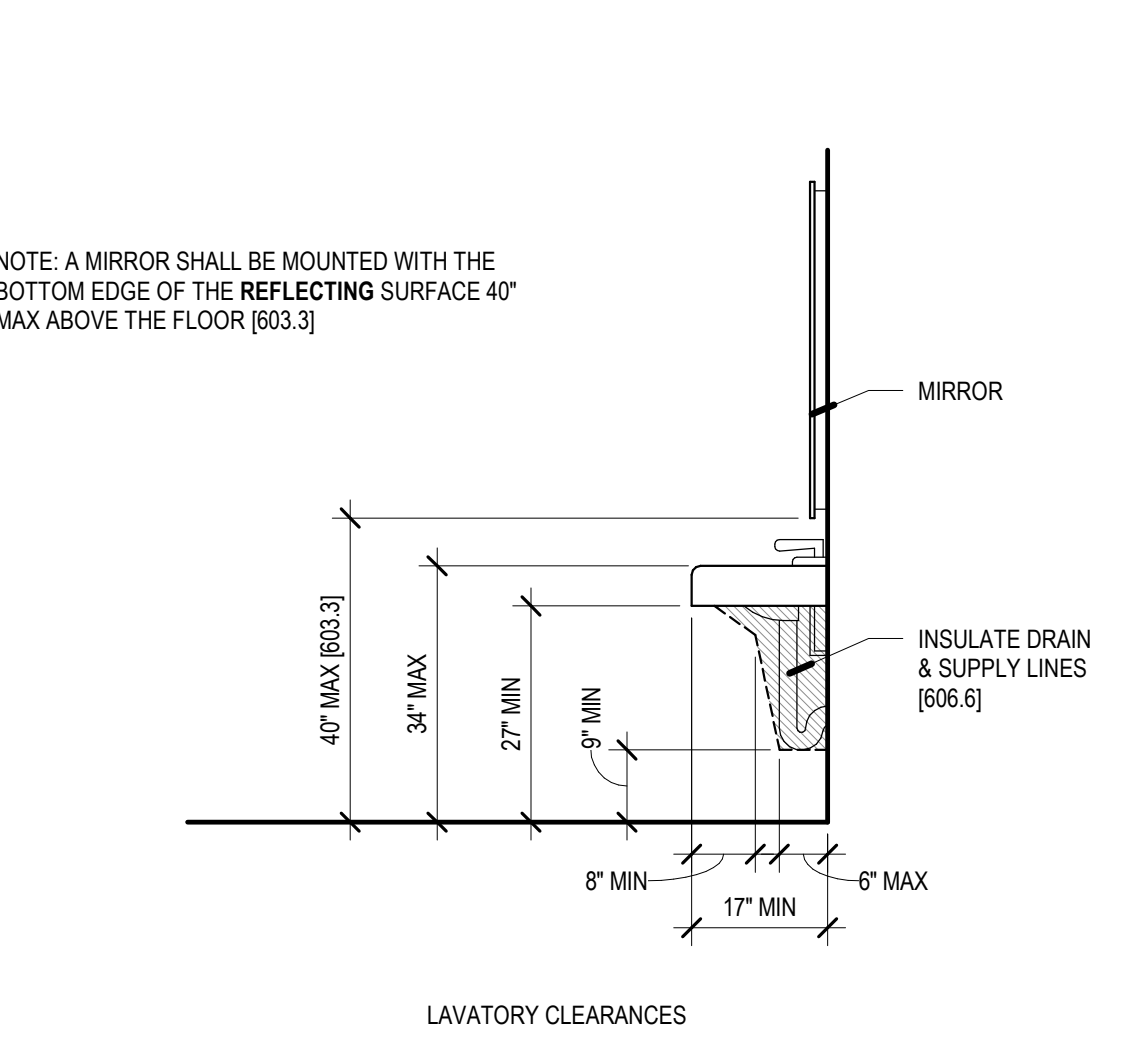
602. DRINKING FOUNTAINS



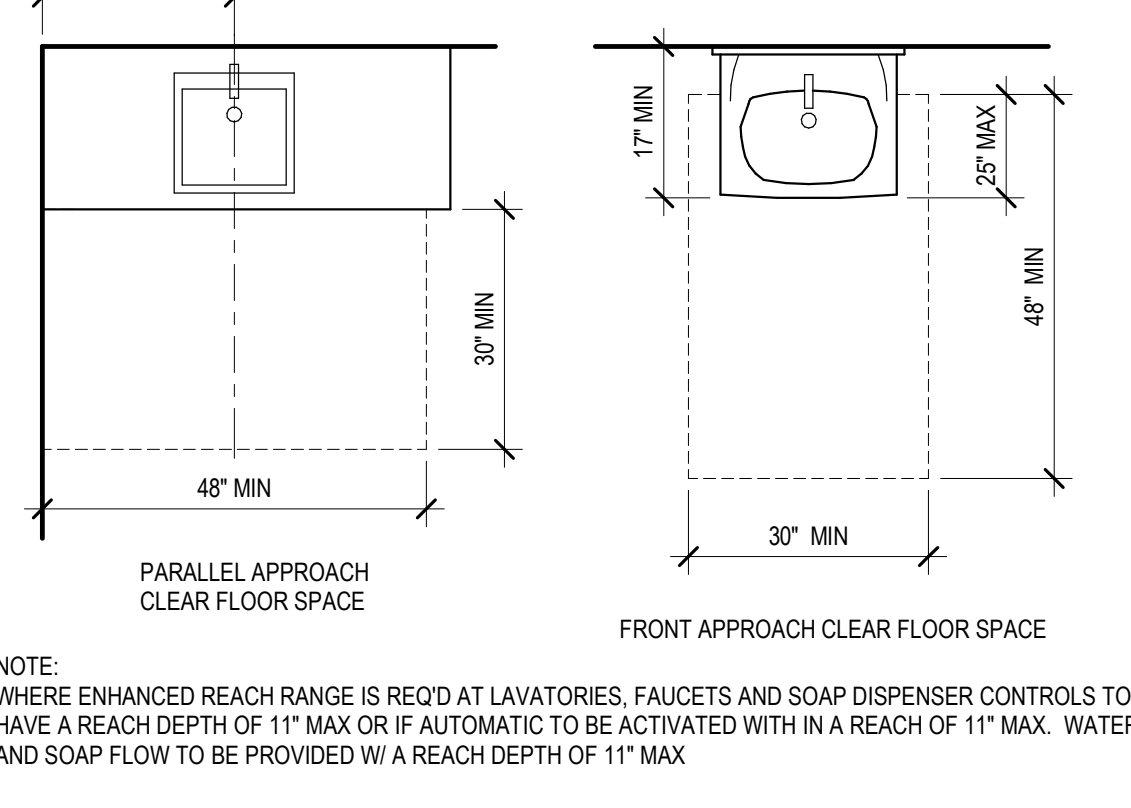
603 & 604. ACCESSORIES AND EQUIPMENT



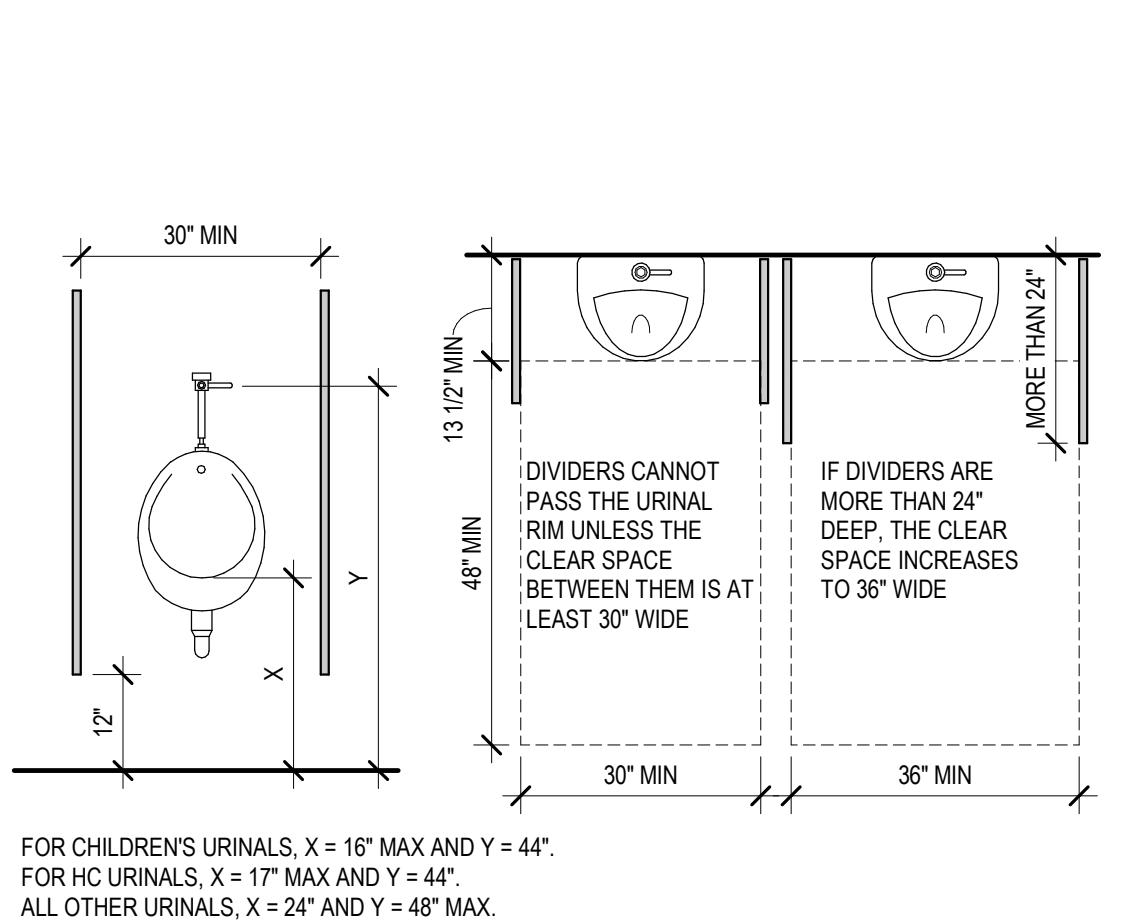
603 & 604. ACCESSORIES AND EQUIPMENT



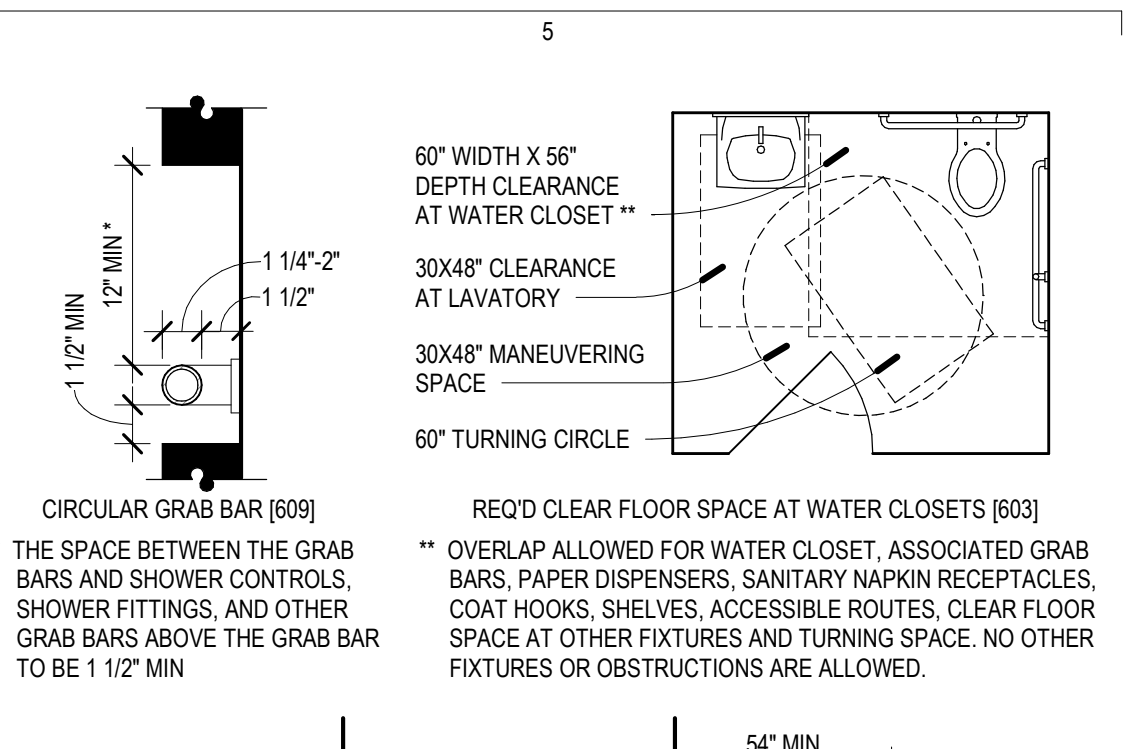
603 & 604. ACCESSORIES AND EQUIPMENT



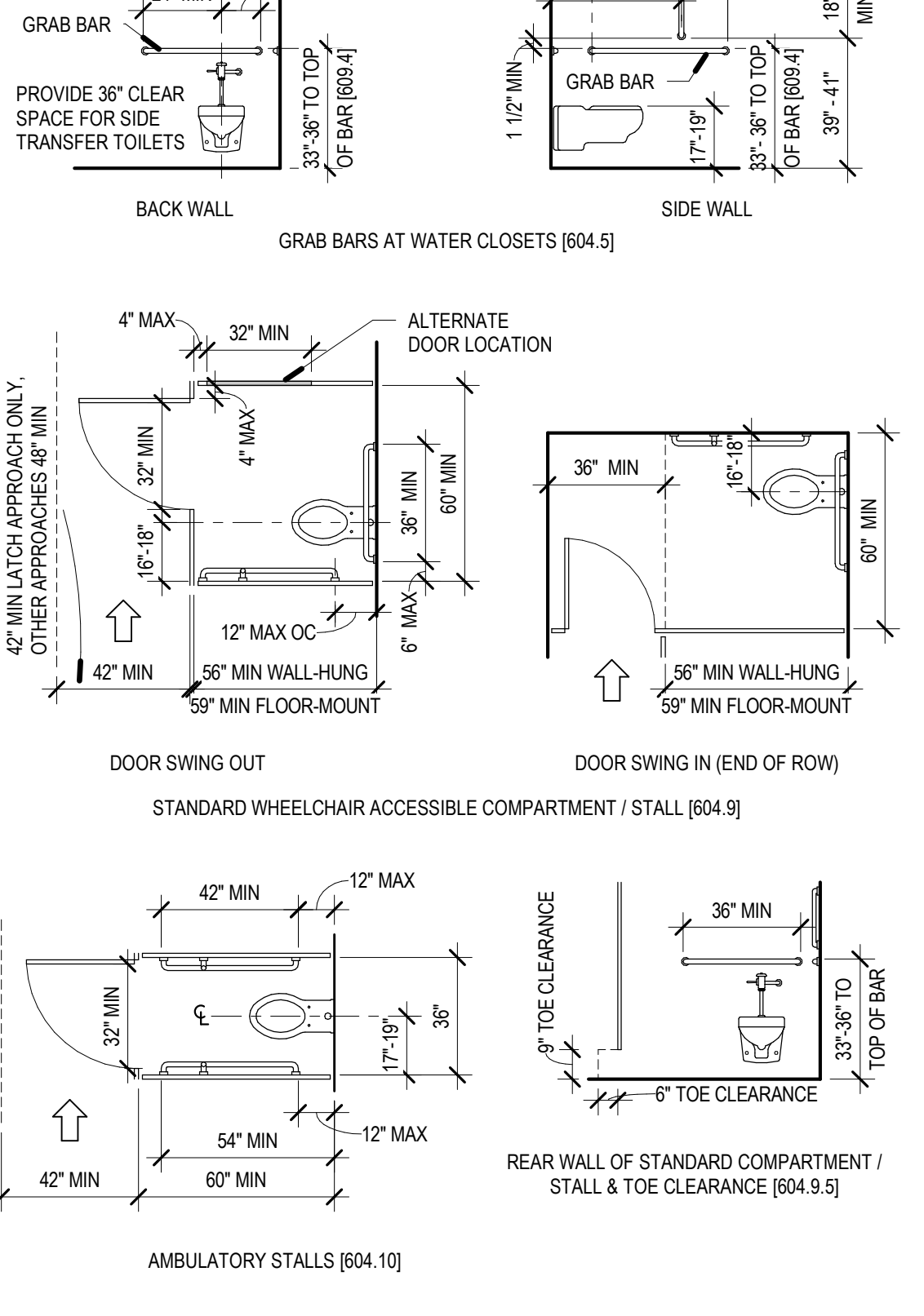
603 & 606. LAVATORIES AND SINKS



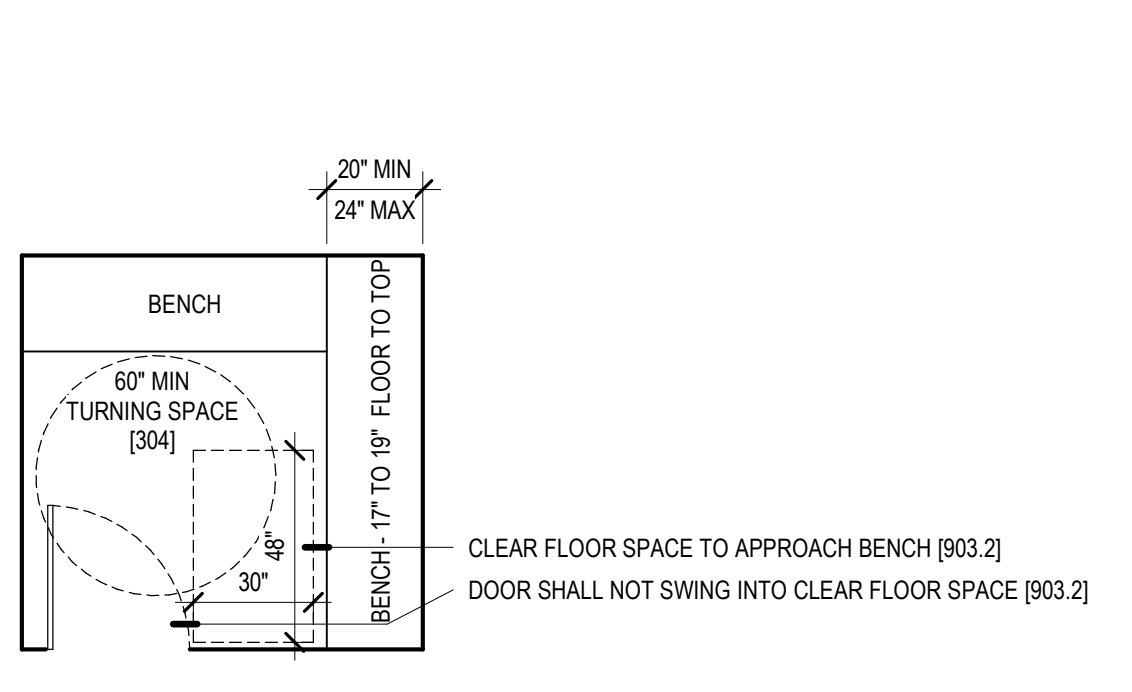
605. URINALS



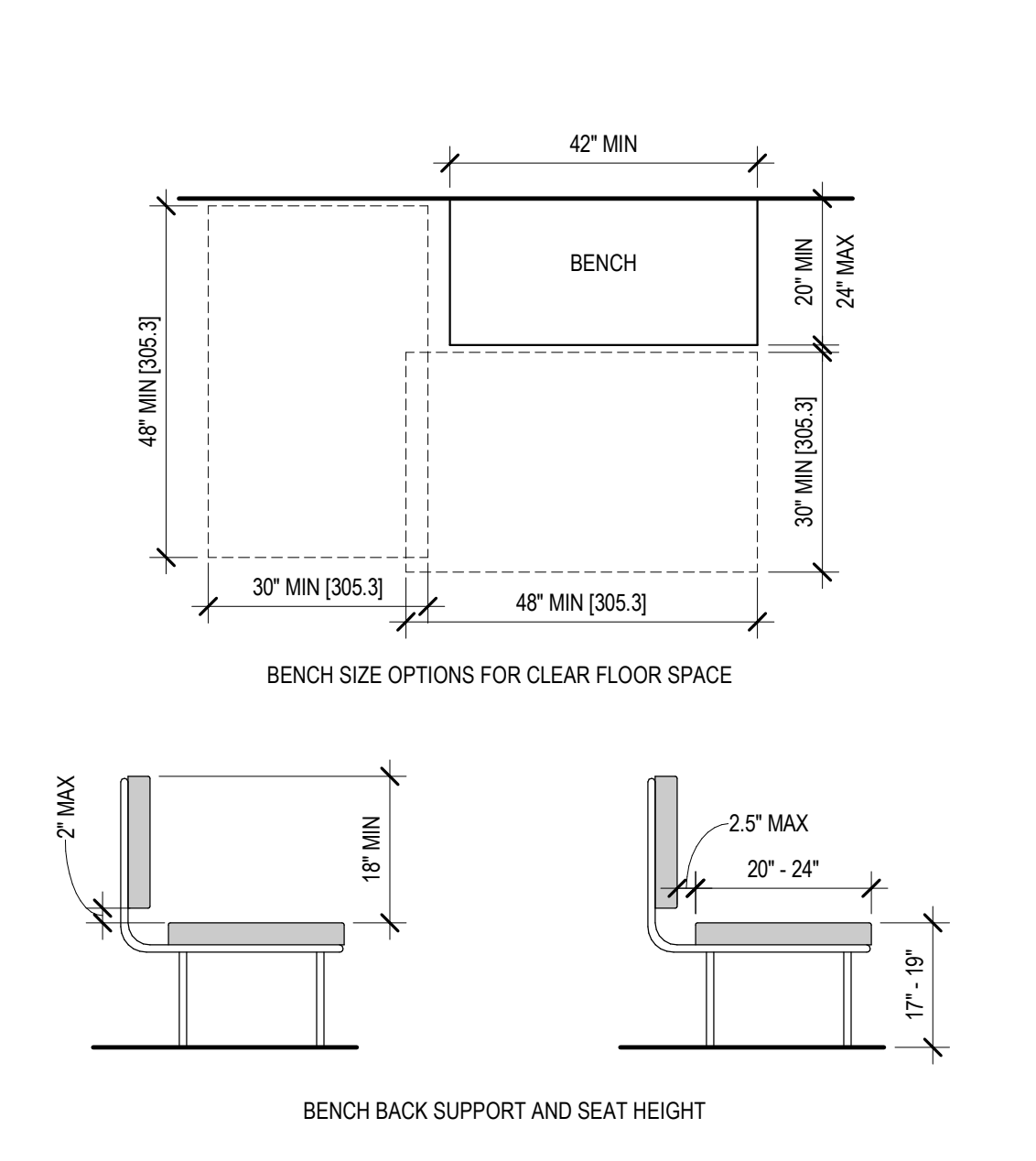
603 & 604. ACCESSORIES AND EQUIPMENT



603, 604 & 609. TOILETS AND TOILET COMPARTMENTS



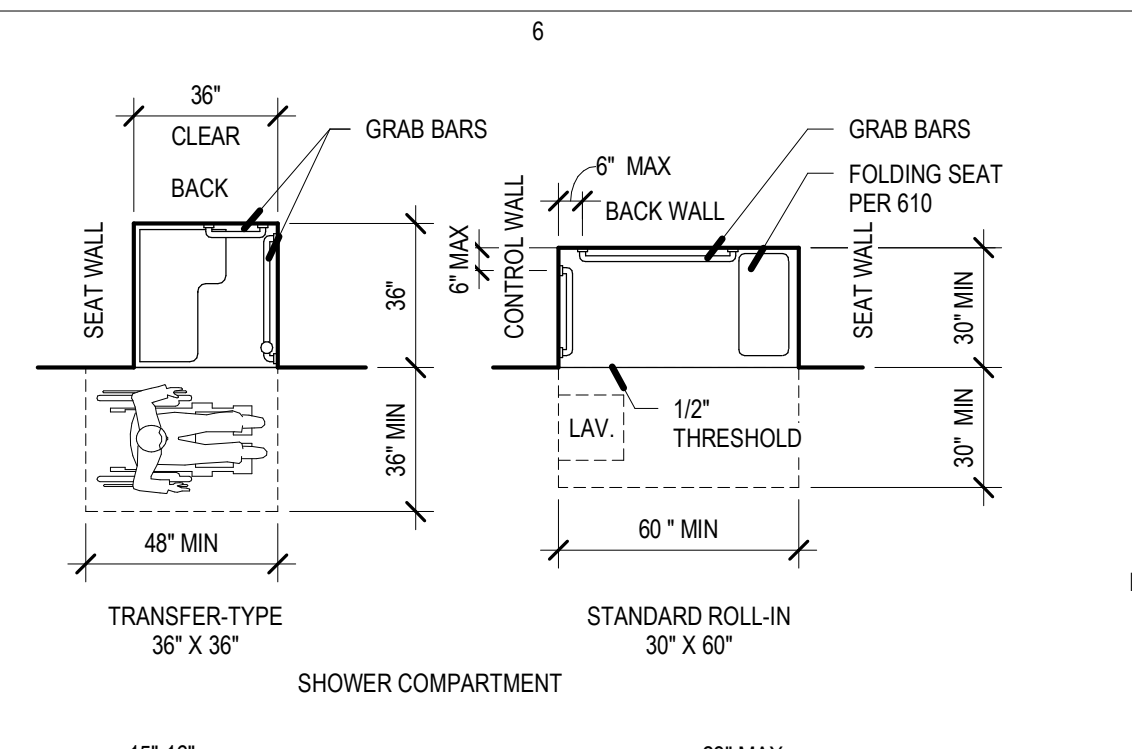
612. SAUNA AND STEAM ROOMS



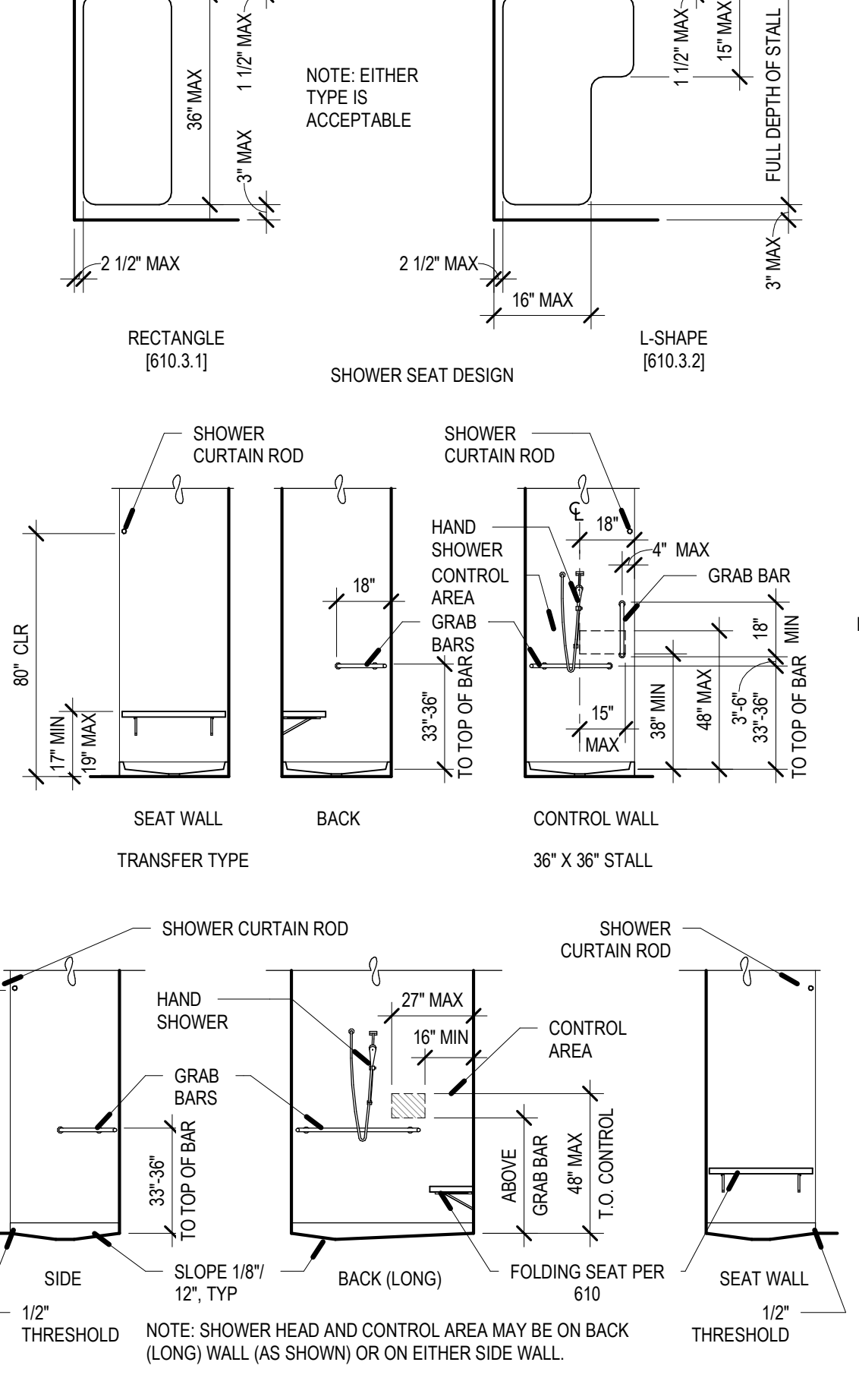
305 & 903. BENCHES



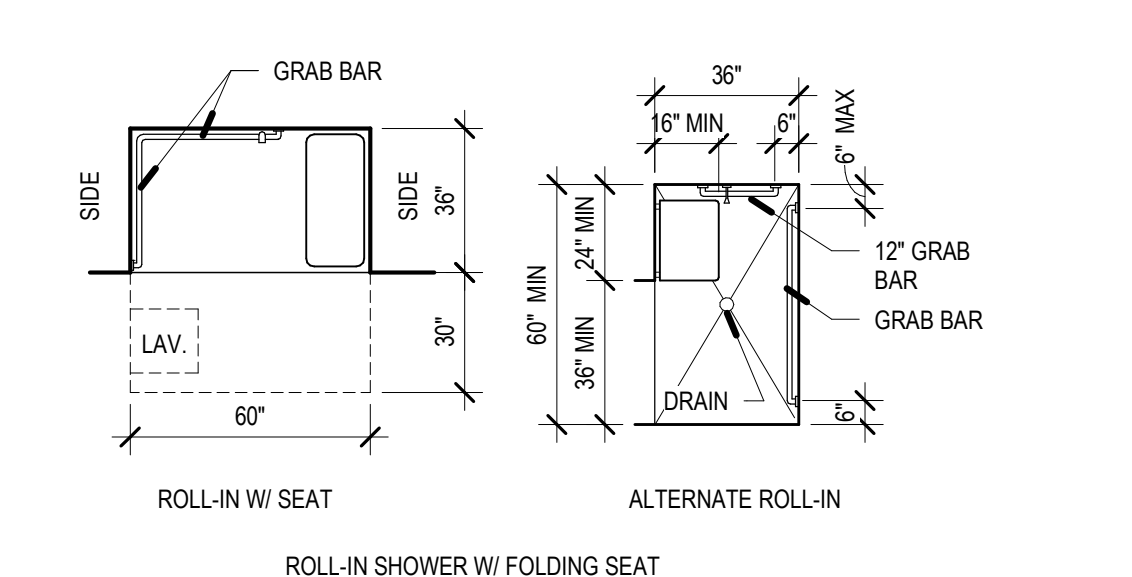
305 & 903. BENCHES



608 & 610. SHOWER COMPARTMENTS



608 & 610. SHOWER COMPARTMENTS



608 & 610. SHOWER COMPARTMENTS



608 & 610. SHOWER COMPARTMENTS

NOTES:
• DIAGRAMS BASED ON ANSI A117.1-2009
• NUMBERED DRAWINGS REFERENCE SECTION CODES FROM ANSI A117.7-2009

REV	DATE	DESCRIPTION
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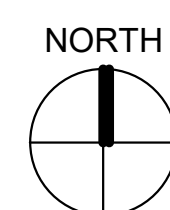
VCBO NUMBER: 21690
CLIENT NUMBER: 10011354
DATE: 2021-09-14

INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"

**INTERMOUNTAIN
REMODEL**
INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CONSTRUCTION DOCUMENTS

OVERALL SITE PLAN

AS101



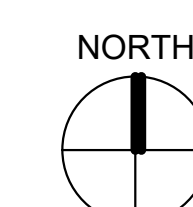
A4 PLAN - SITE - OVERALL
SCALE: 1" = 40'-0"

SCALE: 1" = 40'-0"

1. FIELD VERIFY DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING, BRING DIFFERING DIMENSIONS AND CONDITIONS TO ARCHITECT'S ATTENTION PRIOR TO BIDDING
2. A HAZARDOUS MATERIAL SURVEY IS AVAILABLE FROM THE OWNER. ABSTAINMENT MUST BE COMPLETED PRIOR TO DEMOLITION OF BUILDINGS OR BUILDING ELEMENTS.
3. CONTRACTOR TO COORDINATE INTERIM LIFE SAFETY MEASURES, INCLUDING MAINTENANCE OF FIRE EGRESS FOR OCCUPANTS IN EXISTING BUILDING WITH THE OWNER AND FIRE MARSHAL. PROVIDE TEMPORARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF CONSTRUCTION.
4. CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED BY PHASING TO MINIMIZE THE SPREAD OF DUST AND NOISE.
5. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THEM AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
6. MAINTAIN EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE RATED WALLS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE RATED WALL REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE SYSTEMS. REPAIR ANY DAMAGED FIRE-RATED ASSEMBLIES TO THEIR ORIGINAL SPECIFICATION, UNO.
7. REMOVE CONSTRUCTION AS INDICATED. TYPICAL WALL REMOVAL, INCLUDES FINISHES AND MECHANICAL PLUMBING AND ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, AND OTHER FIXTURES AS REQUIRED. AFTER REMOVAL OF PIPE CHANGES, PATCH HOLES IN FLOORS OR WALLS TO REPAIR TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOORS AND DECK, AND PREPARE SURFACES TO RECEIVE NEW FINISHES PER FINISH SCHEDULE OR PER INTERIOR FINISH PLANS.
8. CAP EXISTING DUCT WORK THAT IS TO REMAIN FOR DUST CONTROL.
9. SEE MECHANICAL, PLUMBING, AND/OR ELECTRICAL DRAWINGS FOR DEMOLITION OF UTILITIES.
10. REPLACE OR REPAIR ANY TO REMAIN FINISHES WHICH ARE DAMAGED DURING DEMOLITION (I.E. - CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, ETC.)
11. FOR EXIST AND LOCATION OF CHANNELLING OF FLOOR SLABS, REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. IF PIPING OR CONDUIT WORK OTHER THAN THE DESIRED CHANNELLING IS ENCOUNTERED WHILE CHANNELLING, NOTIFY THE ARCHITECT BEFORE CONTINUING.
12. VERIFY THAT CONSTRUCTION OF WALLS WITHIN THE AREA OF RENOVATION (OR FIRE RATED WALLS OR SMOKE COMPARTMENT) MEETS THE FIRE PROTECTION RATINGS DESIGNATED ON THE LIFE SAFETY PLANS. MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO BRING WALLS, DOORS, DUCTS, ETC. UP TO THE PROPER FIRE PROTECTION RATINGS. DOORS AND/OR FRAMES SHALL HAVE THE PROPER LABELING.
13. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND AS SET FORTH BY ALL GOVERNING AUTHORITIES.
14. BRACE ALL STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION.
15. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
16. THE BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES.
17. AFTER DEMOLITION, PRIOR TO FINISH, PATCH AND REPAIR EXISTING WALLS TO PROVIDE SMOOTH SURFACE SUITABLE FOR PAINTING OR WALL COVERING.
18. PATCH & LEVEL EXISTING CONCRETE SLABS FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND.
19. FIELD VERIFY AND COORDINATE SAMP CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
20. REPAIR SLAB AND TRENCH BY COMPACTING CLEAN GRAVEL IN 8" INCH LIFTS, FILL AND EXPOSE ALL REBAR & JOISTS INTO EXISTING SLAB @ 12" O.C. EPOXY PER DETAIL D4/S8902. POUR SLAB TO PROVIDE A SMOOTH EVEN FLOOR.
21. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION.
22. SCHEDULE ALL DEMOLITION WITH THE OWNER.

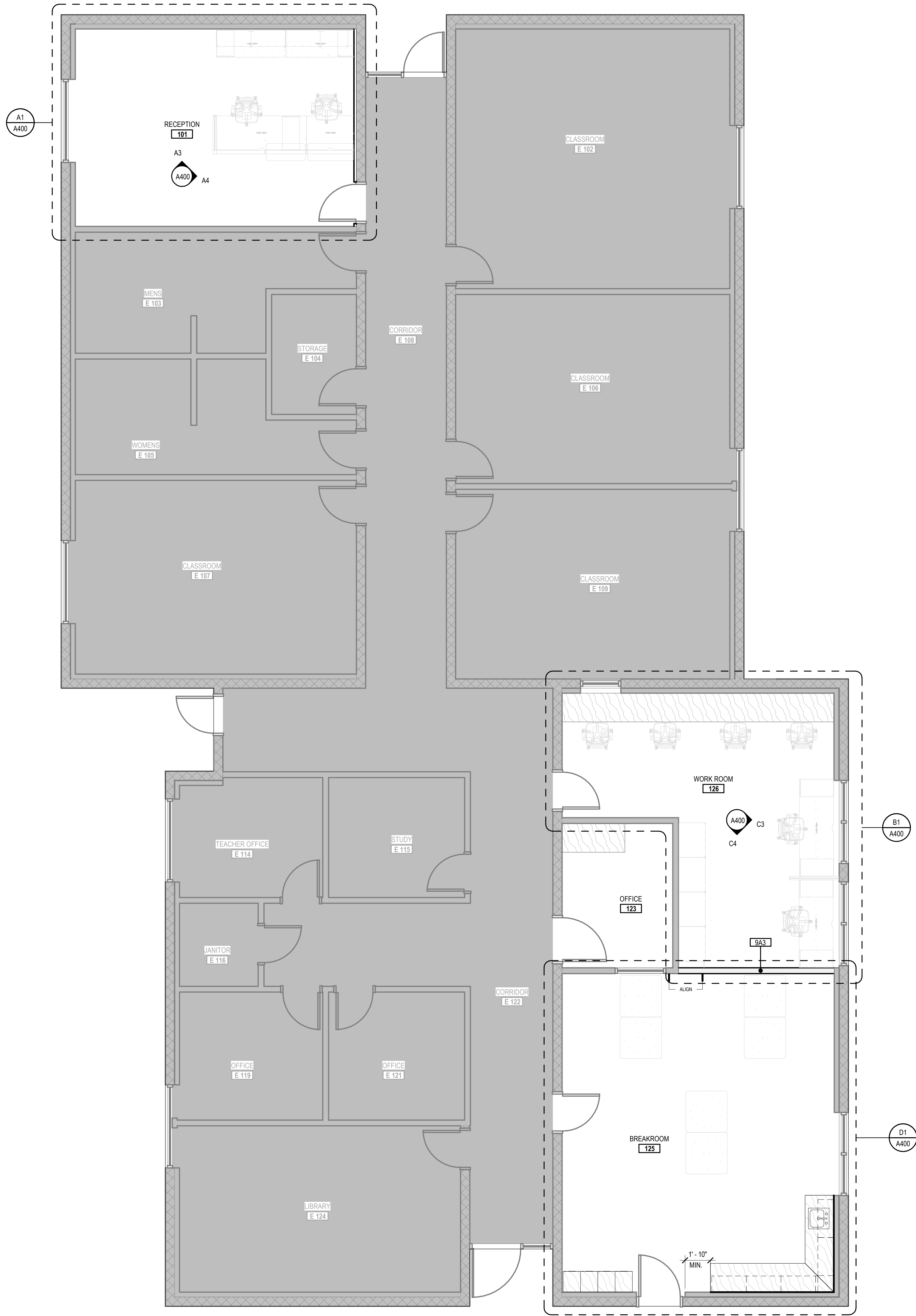
=====	HALF-TONE LINES DENOTES ITEMS TO REMAIN
-----	DASHED LINE DENOTES ITEMS TO BE REMOVED - RE: NOTE 7 OF 'DEMOLITION GENERAL NOTES'
-----	EXISTING GYPSUM BOARD TO BE REMOVED AND DISPOSED TO 10' A.F.F.
=====	EXISTING CRASH GUARD TO BE REMOVED AND DISPOSED AS SHOWN
	AREA OUT OF ARCHITECTURAL SCOPE BUT REFER TO MEP DEMOLITION DOCUMENTS FOR ADDITIONAL WORK IF REQUIRED
	FLOORING AND CEILINGS, TO BE REMOVED WITHIN AREA INDICATED. SEE DEMOLITION NOTE, RE: SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK
	FLOORING AND CEILING TILES, TO BE REMOVED WITHIN AREA INDICATED PRESERVE CEILING GRID

2.608.1	EXISTING CABINET, REMOVE & DISPOSE IN ITS ENTIRETY
2.608.3	EXISTING CABINET, REMOVE & SALVAGE FOR REUSE AS SHOWN
2.609	EXISTING COUNTERTOP, PROTECT AS NECESSARY, REPAIR AS REQUIRED
2.609.1	EXISTING COUNTERTOP, REMOVE & DISPOSE IN ITS ENTIRETY
2.602.4	EXISTING 5/8" METAL STUD FRAMING, REMOVE & DISPOSE IN ITS ENTIRETY
2.602.5	EXISTING FLOORING, REMOVE & DISPOSE IN ITS ENTIRETY
2.612	EXISTING CEILING SYSTEM, PROTECT AS NECESSARY, REPAIR AS REQUIRED
2.612.1	EXISTING ACoustical CEILING TILE SYSTEM, REMOVE & DISPOSE IN ITS ENTIRETY
2.613.7	EXISTING CERAMIC OVEN (FLOOR MOUNTED), REMOVE & DISPOSE IN ITS ENTIRETY. PREPARE FOR NEW ONE
2.7102	EXISTING SPRINKLER HEAD, PROTECT AS NECESSARY, REPAIR AS REQUIRED
2.2201.1	EXISTING SINK + FAUCET, REMOVE & DISPOSE IN ITS ENTIRETY
2.2301.1	EXISTING WALL MOUNTED EXHAUST HOOD, REMOVE & DISPOSE IN ITS ENTIRETY. DUCTS TO BE CALLED IN PLACE
2.301.0	EXISTING LIGHT FIXTURE, PROTECT AS NECESSARY, REPAIR AS REQUIRED
2.301.1	EXISTING LIGHTING FIXTURES, SALVAGE FOR REUSE AS SHOWN
2.320.0	EXISTING DIFFUSER, REMOVE & SALVAGE FOR REUSE



A1 **PLAN - LEVEL 01 - DEMOLITION**
SCALE: 1/4" = 1'-0"

A4 PLAN - LEVEL 01 - RCP DEMO



A3 PLAN - LEVEL 01 - ANNOTATED + DIMENSION
SCALE: 1/4" = 1'-0"

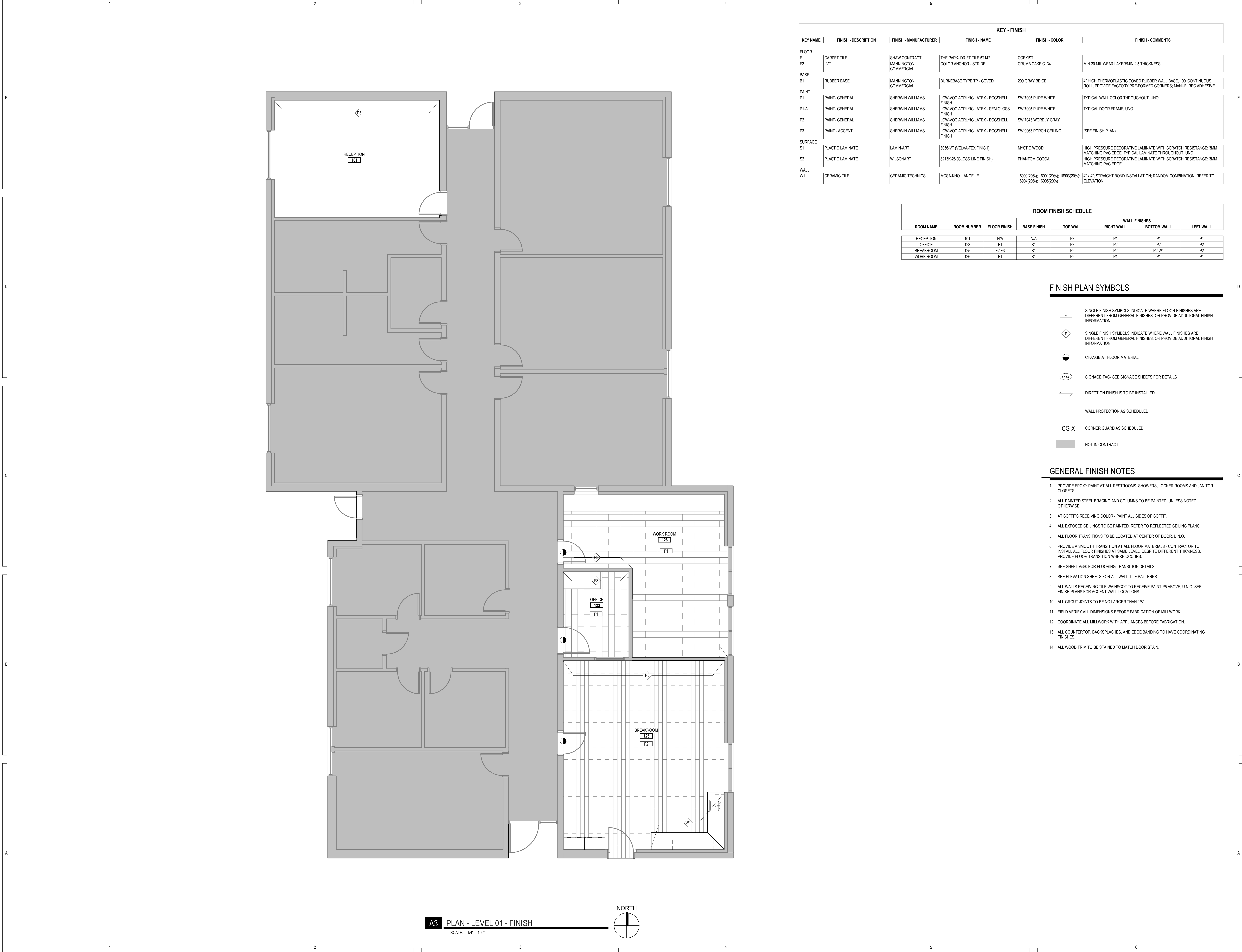


GENERAL NOTES

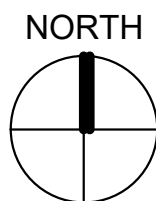
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
- AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
- THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.
- EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN, DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.
- CONTRACTOR TO FOLLOW CURRENT ANSI 117-1 STANDARDS AS REPRESENTED ON SHEET G301, GENERAL ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN/DRAWINGS CONFLICT WITH THIS SHEET.

PLAN NOTES

- WHERE FLOOR DRAINS ARE INSTALLED THE FLOOR IS TO SLOPE TO THE DRAIN. THE MAXIMUM SLOPE IS NOT TO EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%.
- SEE SHEET A580 FOR TYPICAL FLOORING TRANSITION DETAILS.
- SEE SHEET A520 FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS



A3 PLAN - LEVEL 01 - FINISH
SCALE: 1/4" = 1'-0"





CEILING LEGEND

- A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- B- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM - (1 LAYER) PAINTED
- C- EXISTING SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING
- D- EXISTING SUSPENDED 5/8" GYP. BD. CEILING SYSTEM

CEILING SYMBOLS

ELECTRICAL

- 2'X4' LED FIXTURE
- 2'X2' LED FIXTURE
- 1'X4' LED FIXTURE
- RECESSED DOWN LIGHT
- EXIT SIGN, SINGLE-SIDED
- EXIT SIGN, DOUBLE-SIDED

MECHANICAL

- SUPPLY GRILLE
- RETURN GRILLE
- EXHAUST GRILLE
- LINEAR DIFFUSER

GENERAL CEILING NOTES

- REFER TO DETAIL C6/A530 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING
- REFER TO DETAIL A6/A530 FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS
- ALL UNIDENTIFIED CEILING TYPES ON THE PLANS SHALL BE TYPE "A" AT 9'-4" A.F.F.
- GRID SUSPENSION SYSTEMS SHALL BE CENTERED WITHIN AREAS INDICATED, UNLESS NOTED OTHERWISE.
- PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC. ALL VISIBLE ELEMENTS TO BE PAINTED AT TYPE "E" & TYPE "F" (ABOVE VENTWOOD)
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES
- MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD
- ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB
- ALL TYPE C CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED

KEYED NOTES

VCBO ARCHITECTURE

524 SOUTH 800 EAST
SALT LAKE CITY, UT 84102

801.578.8800
VCBO.COM

STATE OF UTAH

JEFFERY PINEGAR

#124371

7/13/21

LICENSED ARCHITECT

REV	DATE	DESCRIPTION
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VCBO NUMBER: 21690

CLIENT NUMBER: 10011354

DATE: 2021-09-14

INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"

REMODEL

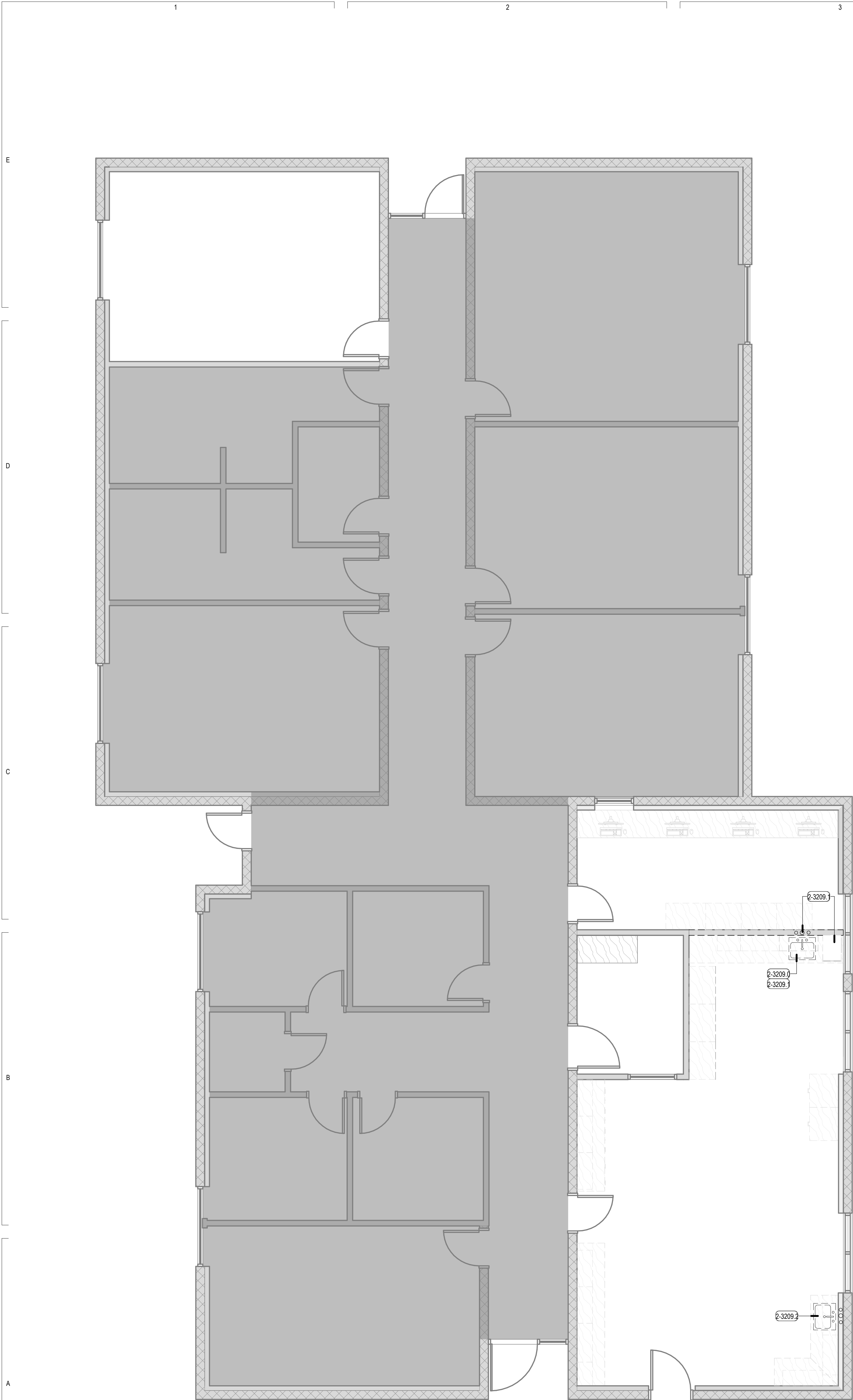
INTERMOUNTAIN HEALTHCARE

5770 S 1500 W, TAYLORSVILLE, UT

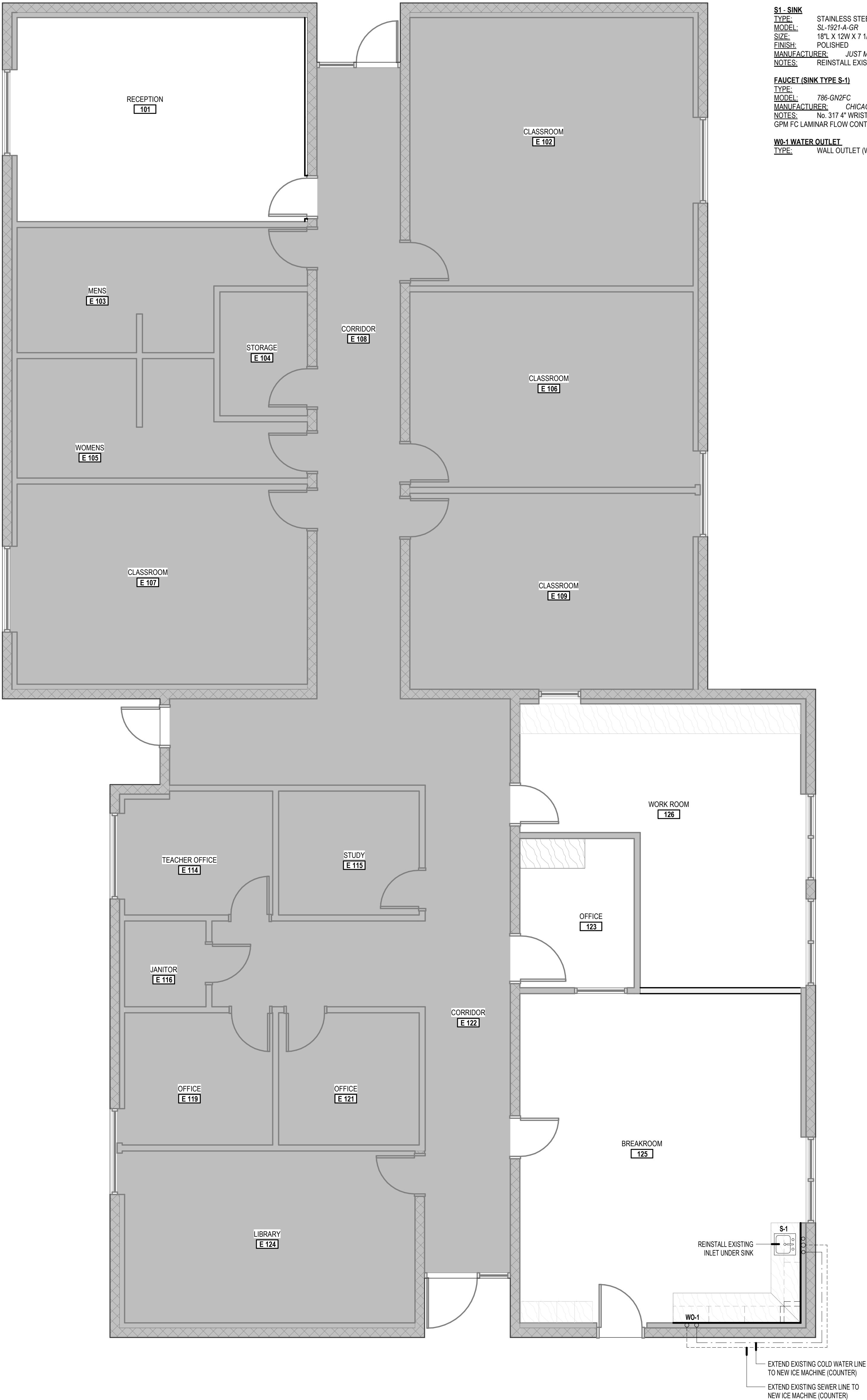
CONSTRUCTION DOCUMENTS

REFLECTED CEILING PLAN - LEVEL 01

A110.4



A2 PLAN - LEVEL 01 - DEMOLITION PLUMBING
SCALE: 1/4" = 1'-0"



A4 PLAN - LEVEL 01 - PLUMBING
SCALE: 1/4" = 1'-0"

KEYED NOTES	
2-3209.0	EXISTING SINK, REMOVE & DISPOSE IN ITS ENTIRETY
2-3209.1	EXISTING WATER & DRAIN PIPES, REMOVE & CAP IN PLACE (UNDERGROUND)
2-3209.2	EXISTING SINK AND FAUCET, REMOVE & DISPOSE IN ITS ENTIRETY, PROTECT WATER & DRAIN PIPES, REPAIR WHERE NECESSARY

PLUMBING FIXTURE SCHEDULE

S1 - SINK
TYPE: STAINLESS STEEL, SINGLE BOWL, DROP-IN, 18 GAUGE W. FAUCET LEDGE
MODEL: SL-1921-A-GR
SIZE: 18" L X 12" W X 7 1/2" D (INSIDE BOWL)
FINISH: POLISHED
MANUFACTURER: JUST MANUFACTURING
NOTES: REINSTALL EXISTING INLET TANK.

FAUCET (SINK TYPE S-1)
TYPE: 786-GN2FC
MODEL: CHICAGO FAUCETS
NOTES: NO. 317 4" WRIST BLADES, GN2 RIGID / SWING CONVERTIBLE GOOSENECK WITH GPI FC LAMINAR FLOW CONTROL.

WC-1 WATER OUTLET
TYPE: WALL OUTLET (WATER / DRAIN) HOOKUP FOR ICE MACHINE (ABOVE COUNTER)

VCBO

ARCHITECTURE

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#24371

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REV

DATE

DESCRIPTION

VCBO NUMBER:

21690

CLIENT NUMBER:

10011354

DATE:

2021-09-14

INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"

REMODEL

INTERMOUNTAIN HEALTHCARE

5770 S 1500 W, TAYLORSVILLE, UT

CONSTRUCTION DOCUMENTS

PLUMBING PLAN

A110.6



A2 PLAN - LEVEL 01 - DEMOLITION ELECTRICAL
SCALE: 1/4" = 1'-0"



A4 PLAN - LEVEL 01 - ELECTRICAL
SCALE: 1/4" = 1'-0"

KEYED NOTES

2-3210.0 EXISTING ELECTRICAL PLUG, REMOVE & DISPOSE IN ITS ENTIRETY
2-3210.1 EXISTING ELECTRICAL DATA PORT, REMOVE & DISPOSE IN ITS ENTIRETY
2-3211.1 EXISTING ELECTRICAL DUPLEX POWER OUTLET, REMOVE & DISPOSE IN ITS ENTIRETY

VCBO
ARCHITECTURE

524 SOUTH 800 EAST
SALT LAKE CITY, UT 84102

801.578.8800
VCBO.COM

STATE OF UTAH
JEFFERY
PINEGAR
#124371
7/13/21
LICENSED ARCHITECT

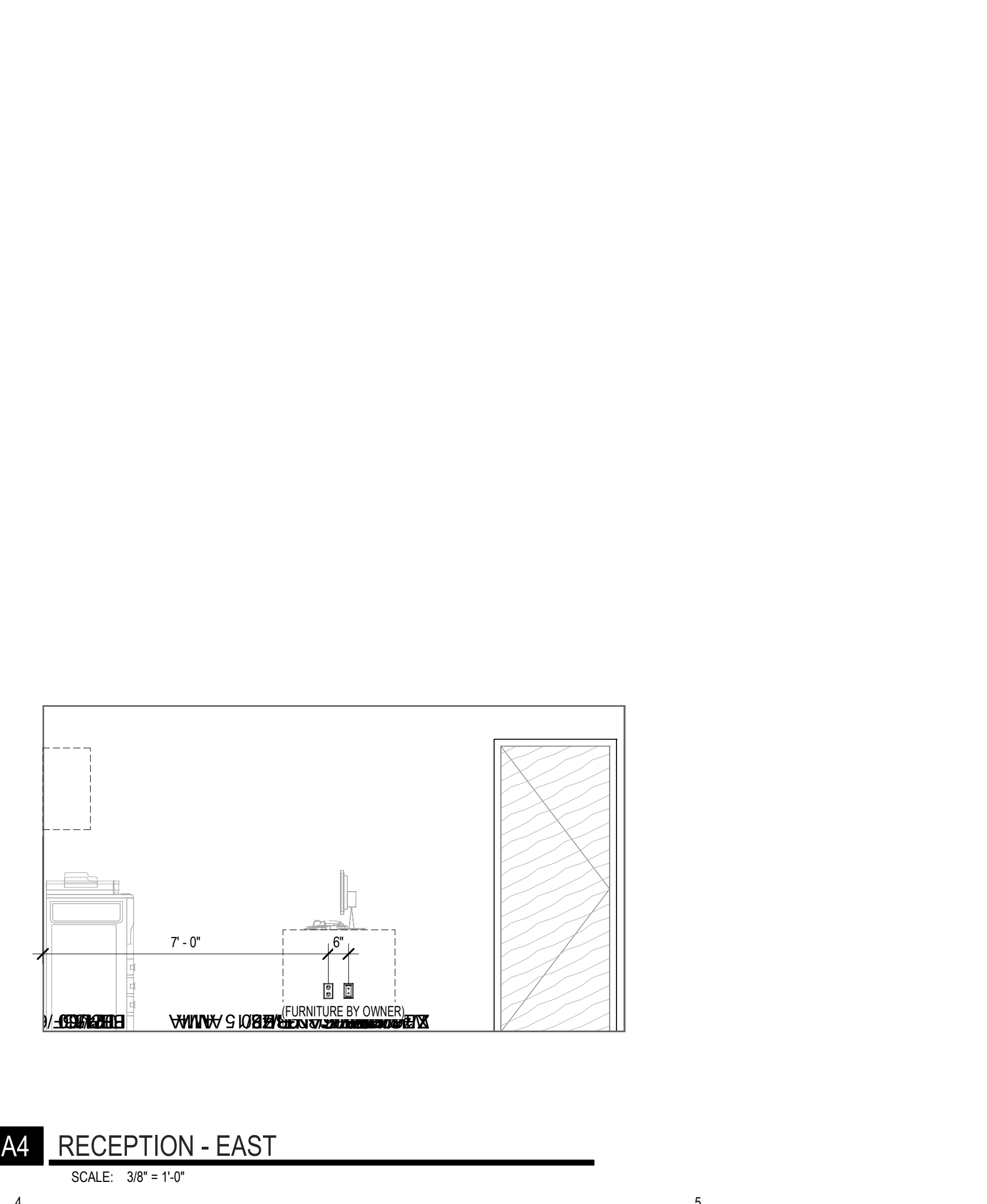
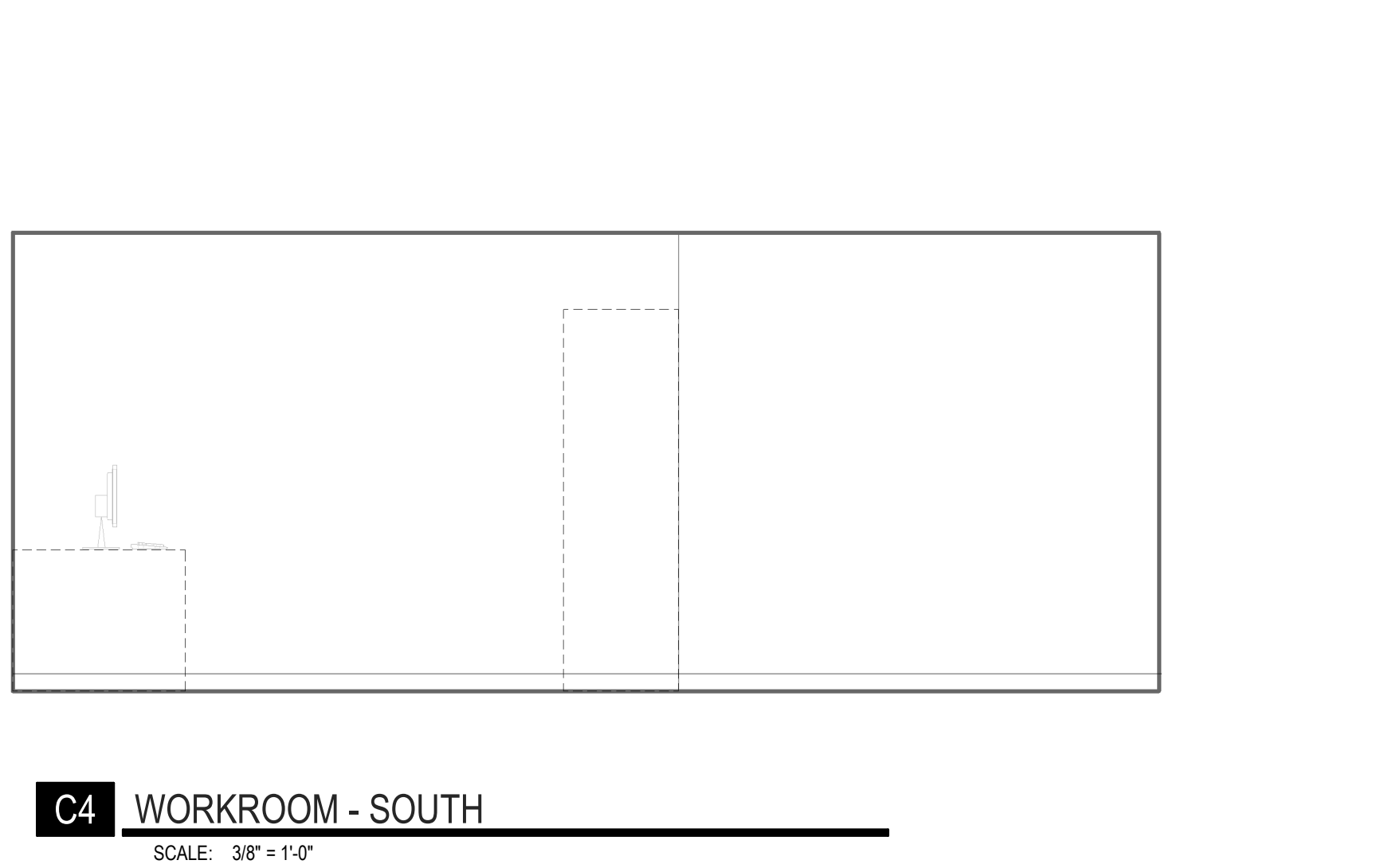
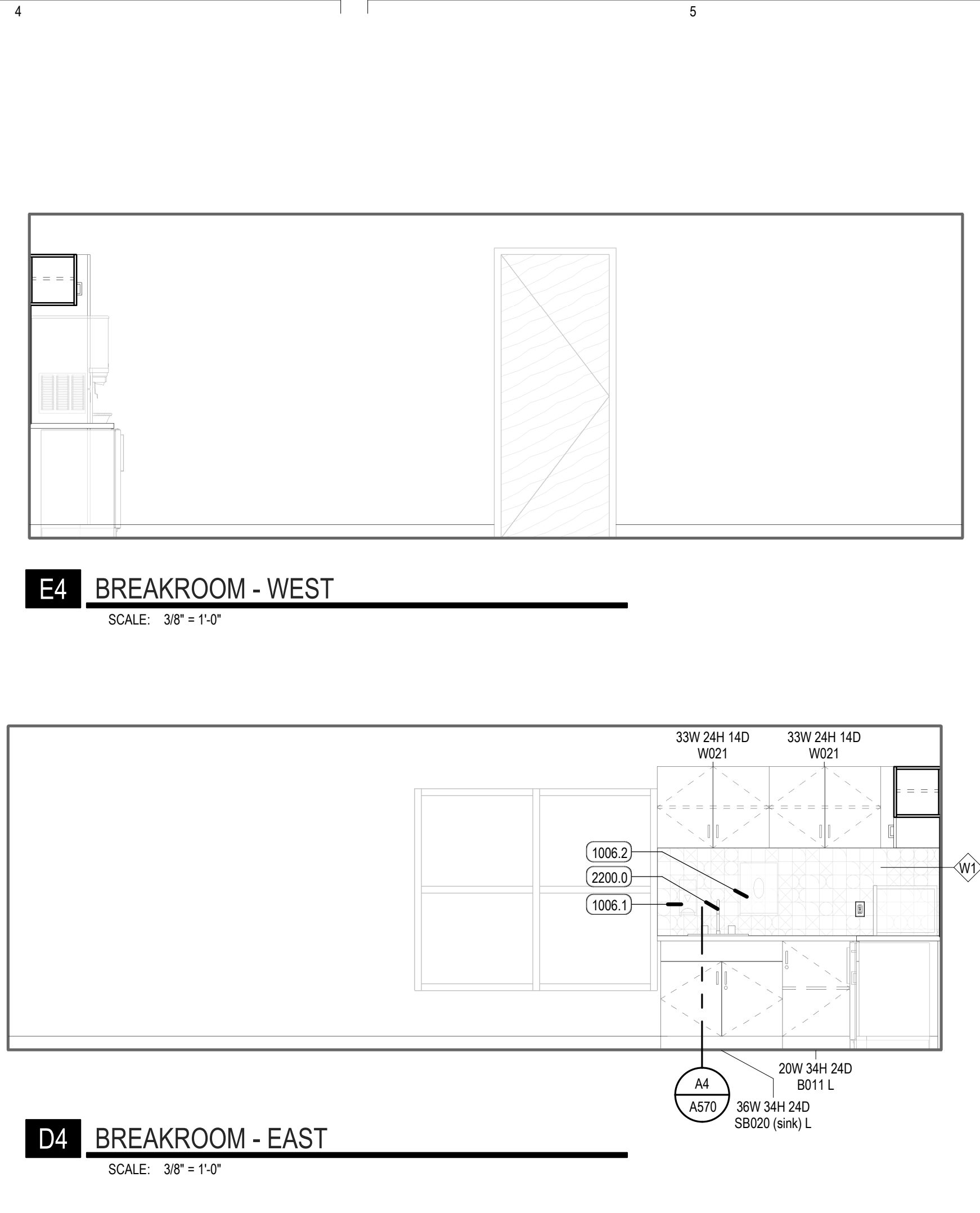
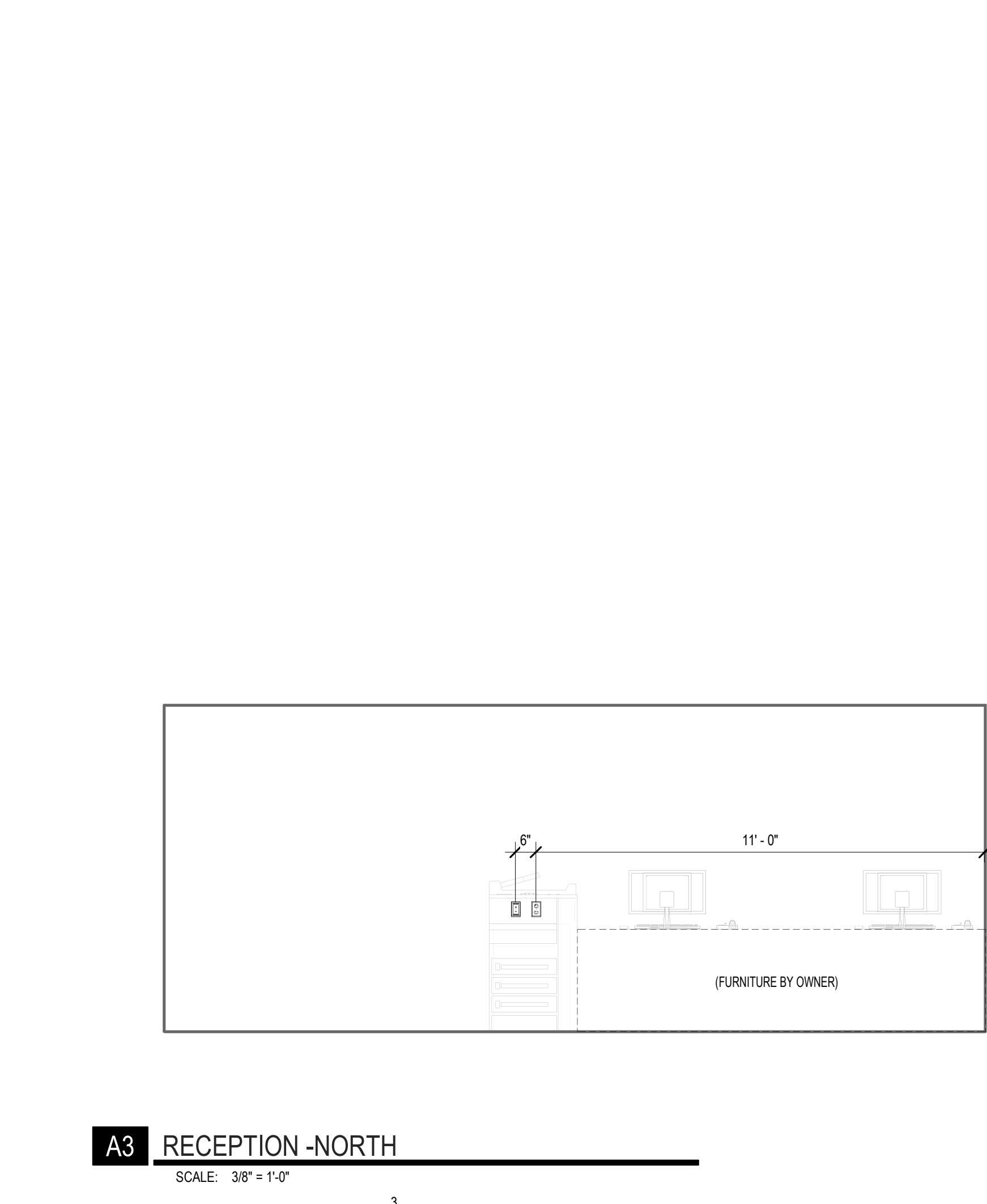
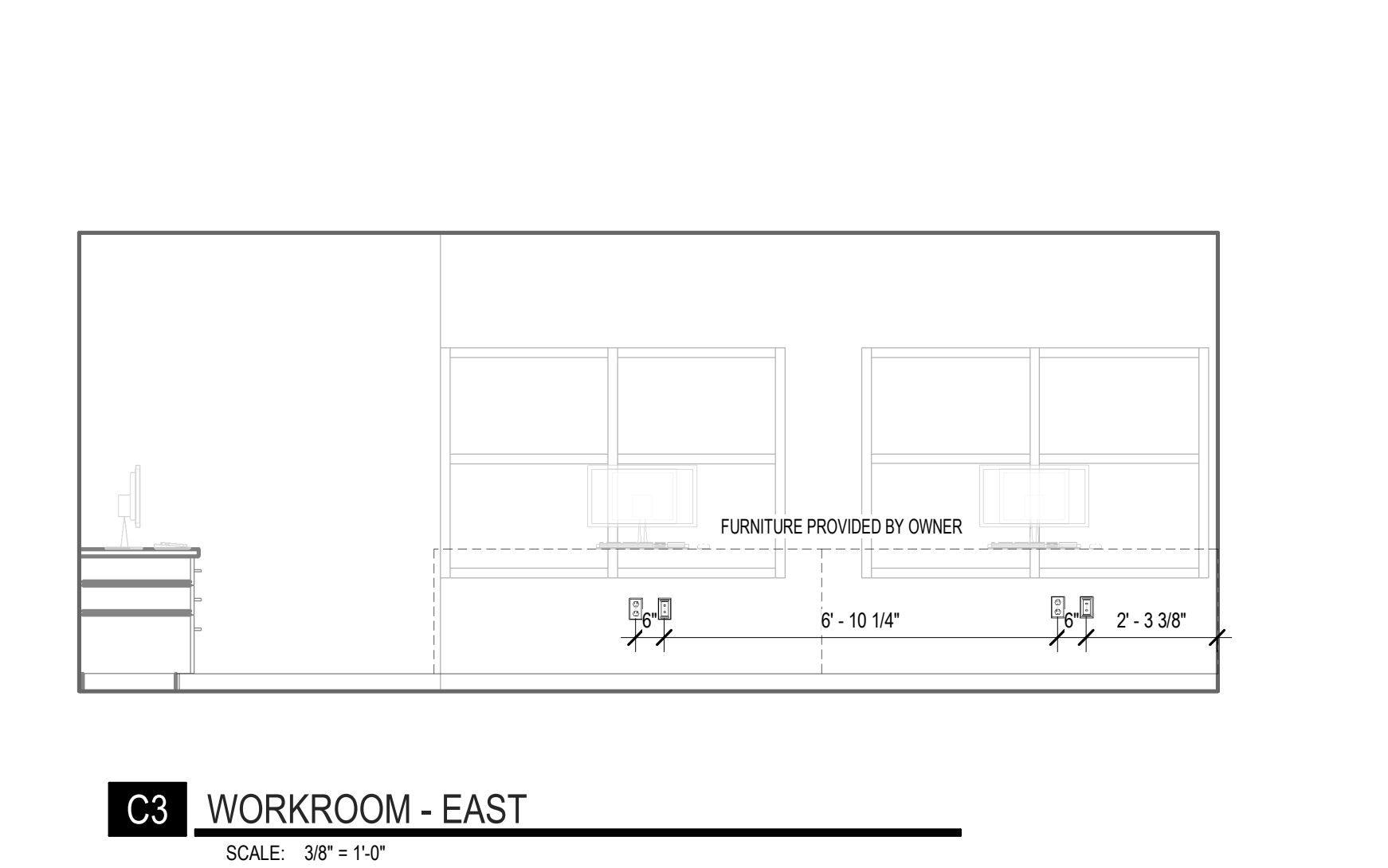
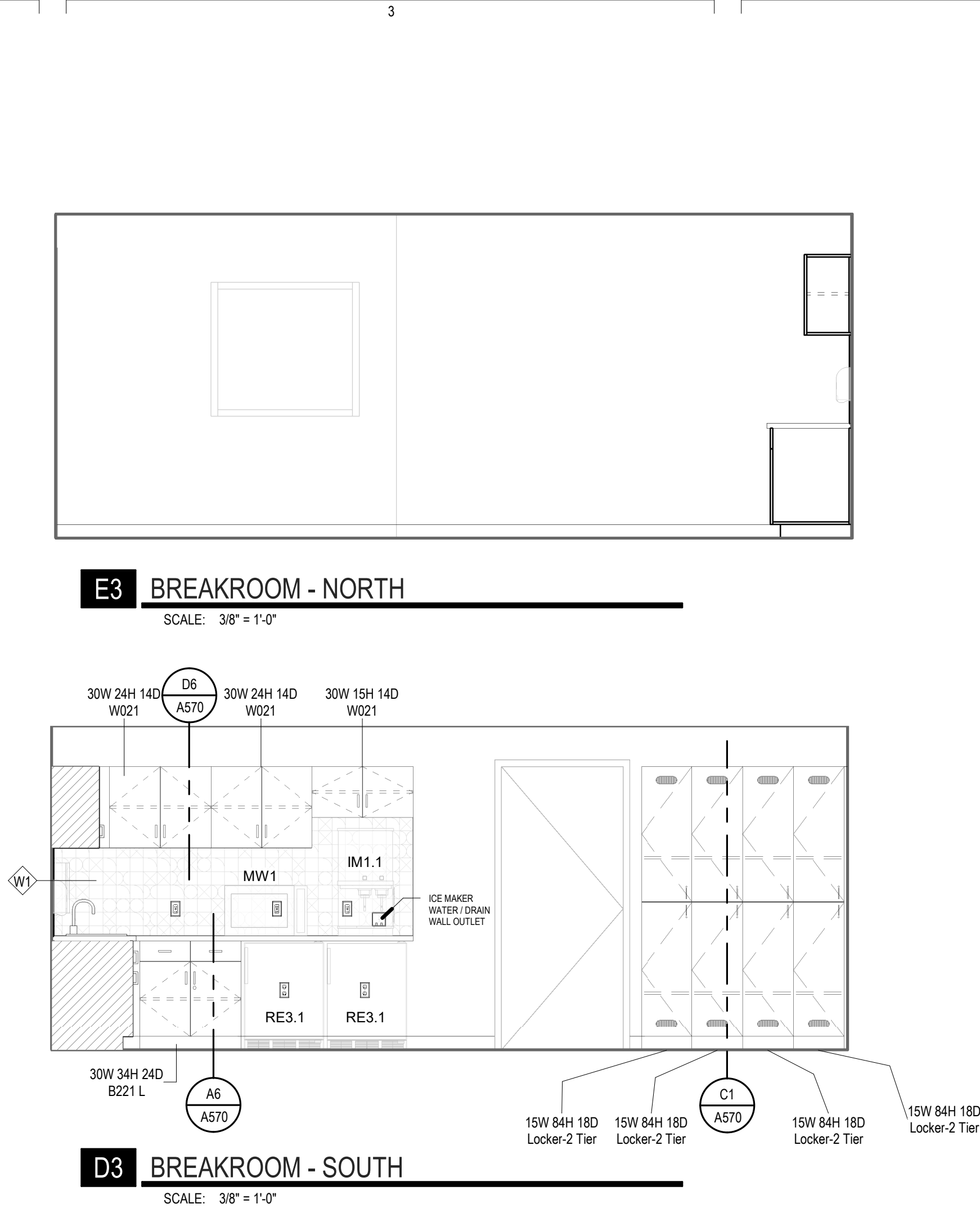
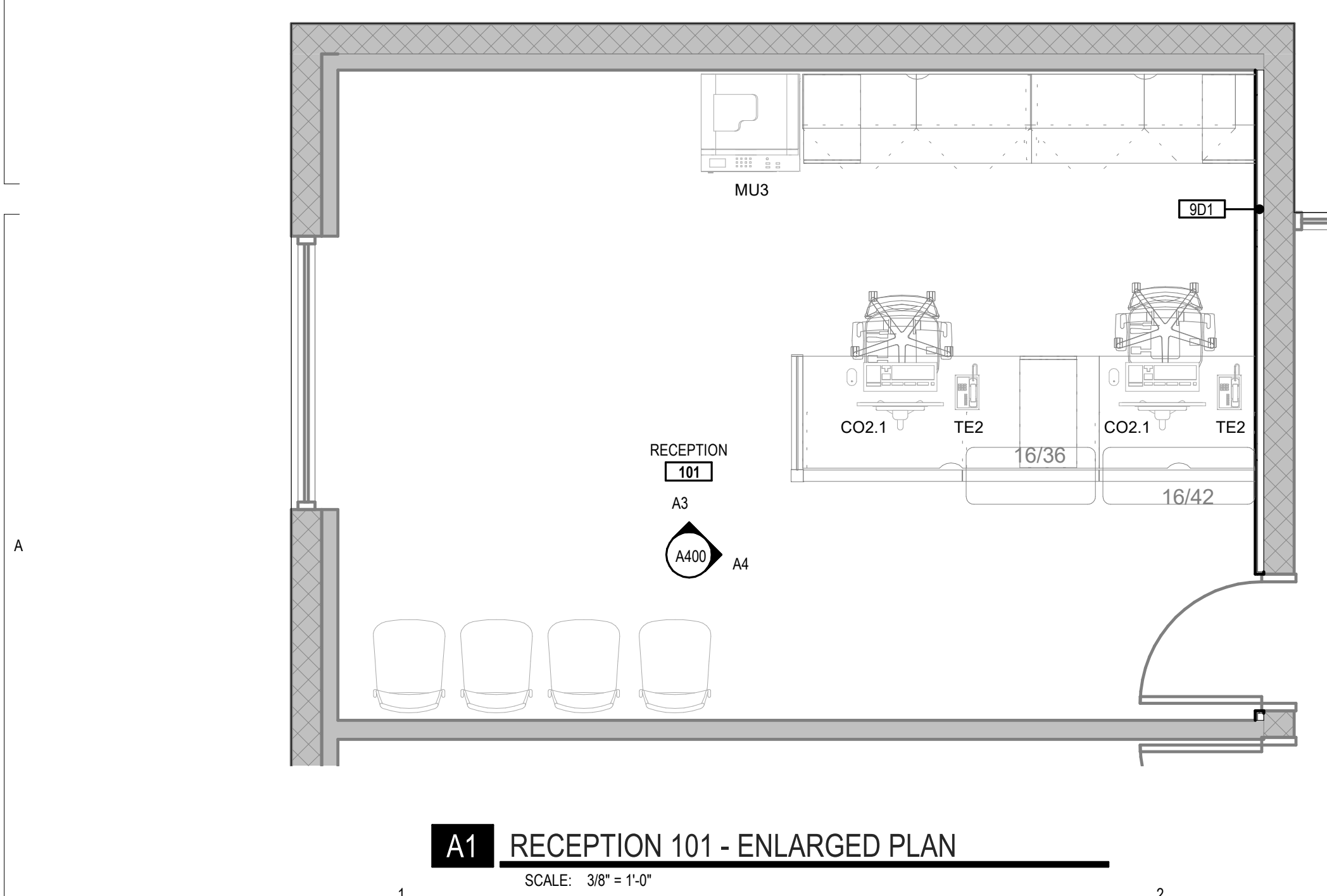
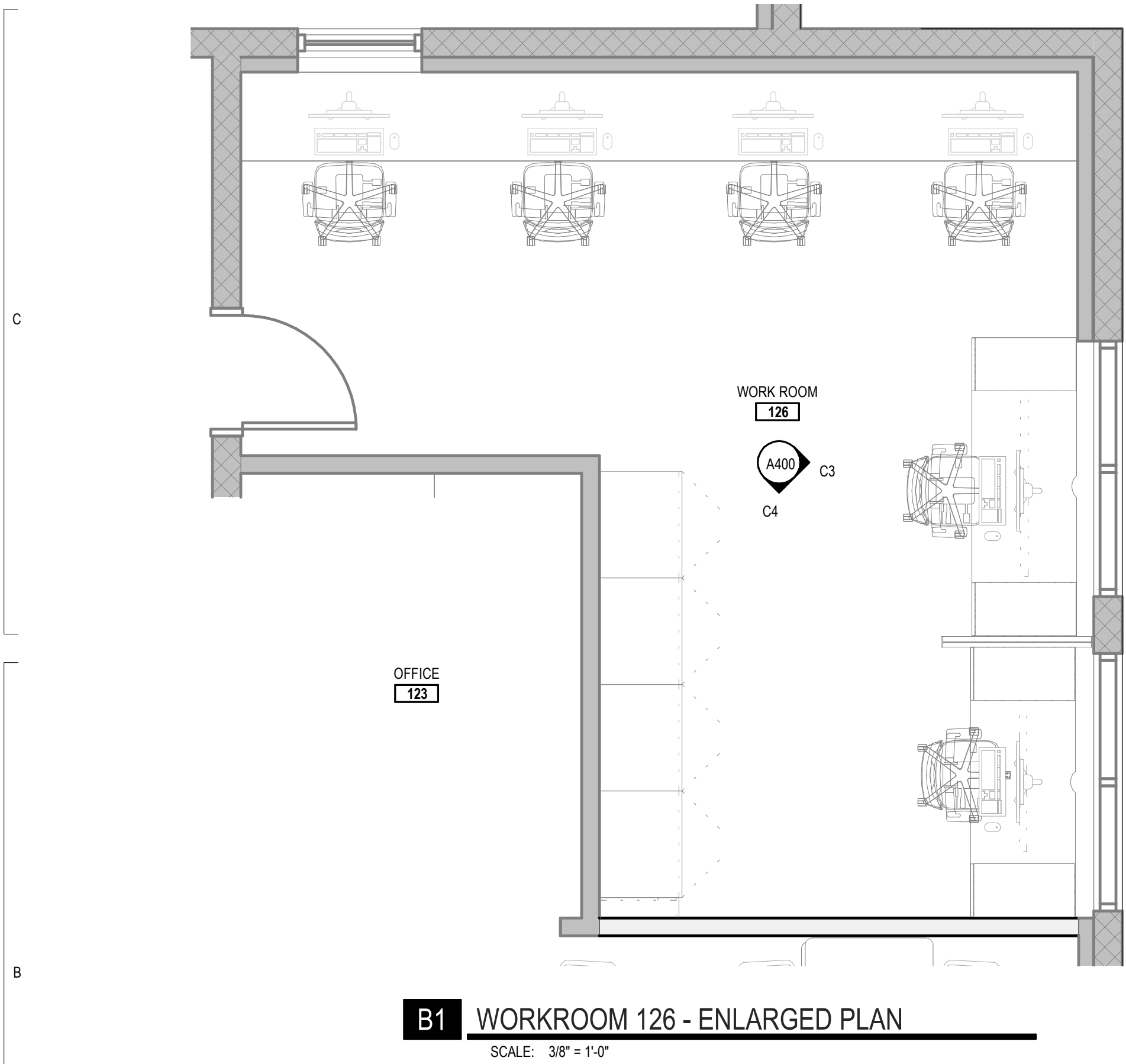
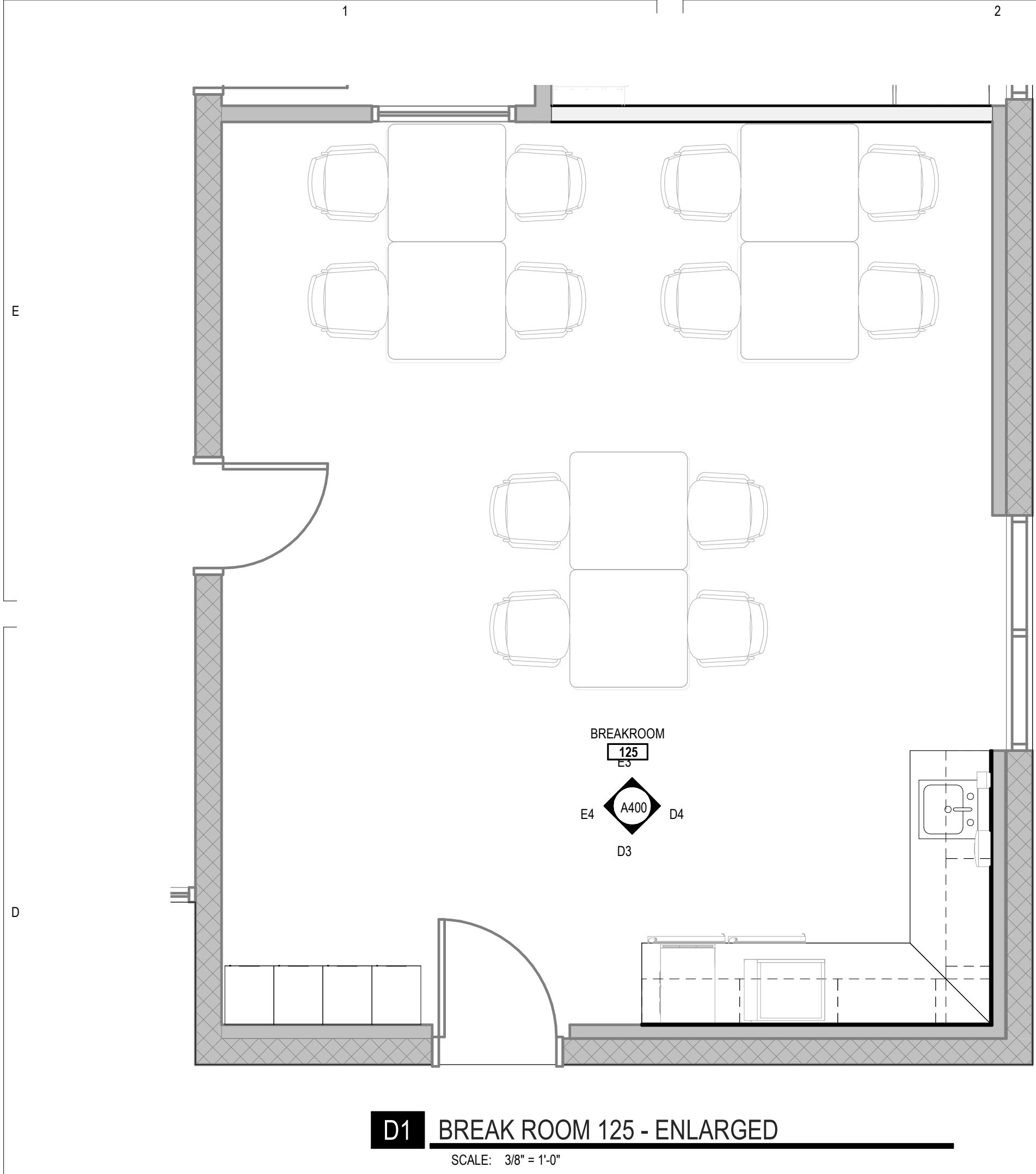
REV	DATE	DESCRIPTION

VCBO NUMBER: 21690
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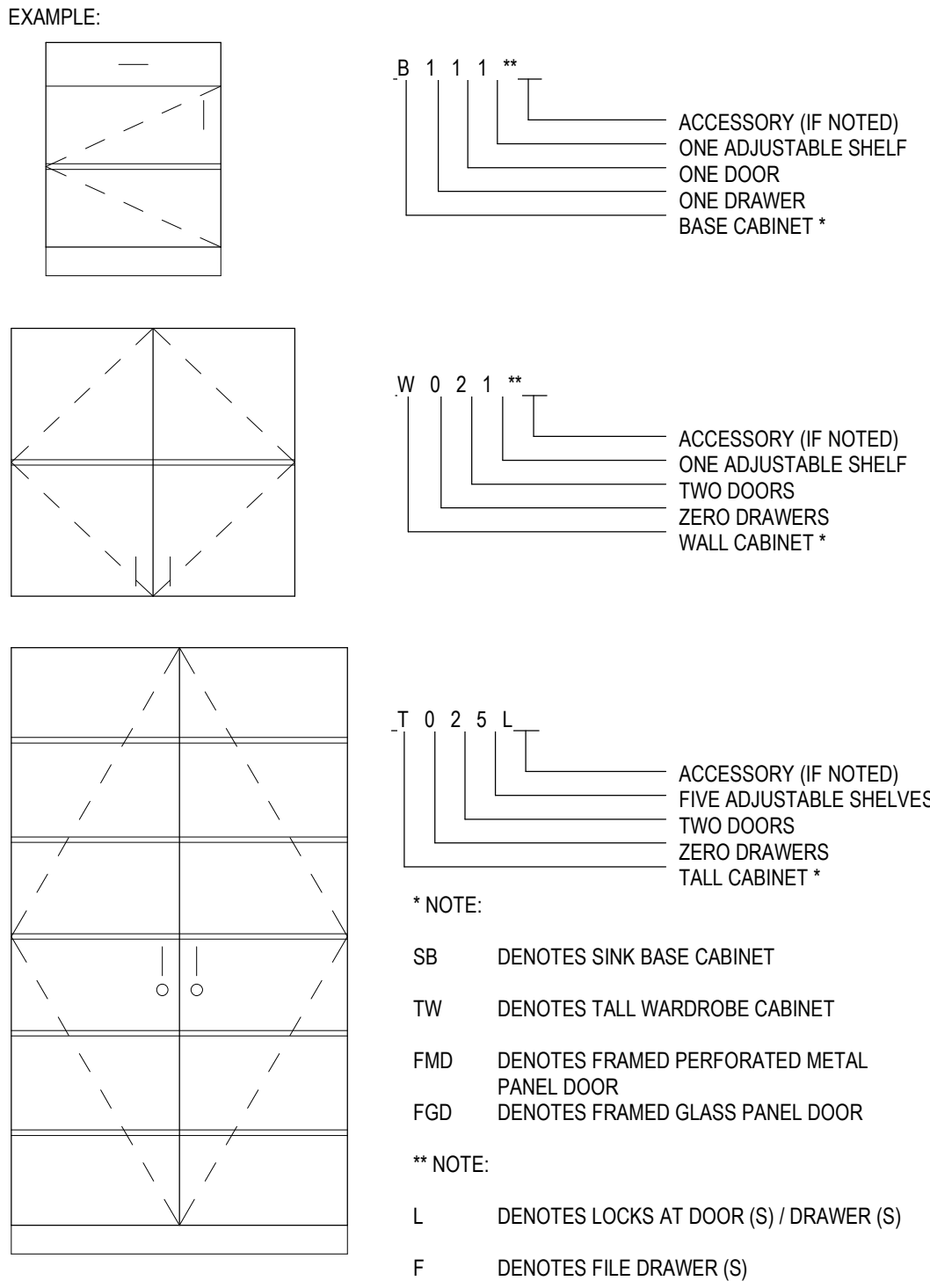
INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"
REMODEL
INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CONSTRUCTION DOCUMENTS

ELECTRICAL PLAN

A110.7



ARCHITECTURAL MILLWORK KEY



CABINET MEASUREMENTS SHOWN ARE ACTUAL SIZES. BASE CABINET HEIGHTS ALLOW FOR A COUNTERTOP 1 1/2" THICK. CABINET DEPTHS ARE MEASURED FROM THE BACK TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).

ALL CABINET INTERIORS, WHETHER CONCEALED BEHIND DOORS OR OPEN, ARE STANDARD MELAMINE LAMINATE AS PER SPECIFICATIONS.

MILLWORK LEGEND

- MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP.
- CABINET DEPTHS ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
- PROVIDE GROMMET WHERE "G" IS LABELED ON PLANOS OR ELEVATIONS.
- ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
- ALL MILLWORK TO FINISHED ON ENDS, TYP.
- CONTRACTOR TO PROVIDE BLOCKING BEHIND ALL CABINETS, COAT RACKS, PENCIL SHARPENER BLOCKS, T.V. BRACKETS AND PROJECTION SCREENS AS WELL AS ALL WALL MOUNTED ACCESSORIES, INCLUDING WHITE BOARDS, TACKBOARDS, TOILET AND URINAL PARTITIONS AND TOILET ROOM ACCESSORIES, ETC. - NOTE: ONLY 2X WOOD BLOCKING IS ACCESSIBLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.
- REFER TO SHEET A400 FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

KEYED NOTES

1006.1	DISPENSER, SOAP, NIC
1006.2	DISPENSER, PAPER TOWELS
2200.0	SINK + FAUCET
2206.1	TOILET, FLOOR MOUNT

EQUIPMENT & ACCESSORIES NOTES

- CONTRACTOR TO PROVIDE REQUIRED WALL BACKING FOR WALL MOUNTED EQUIPMENT AND/OR ACCESSORIES.
- CONTRACTOR TO VERIFY MANUFACTURER'S REQUIREMENTS FOR FLOOR / WALL / CEILING MOUNTED EQUIPMENT AND/OR ACCESSORIES, NOTIFY ARCHITECT WITH ANY DISCREPANCIES.
- CONTRACTOR TO COORDINATE WITH EQUIPMENT SCHEDULE PER ROOM, INCLUDED IN SPECIFICATION MANUAL.

EQUIPMENT & FURNITURE LEGEND

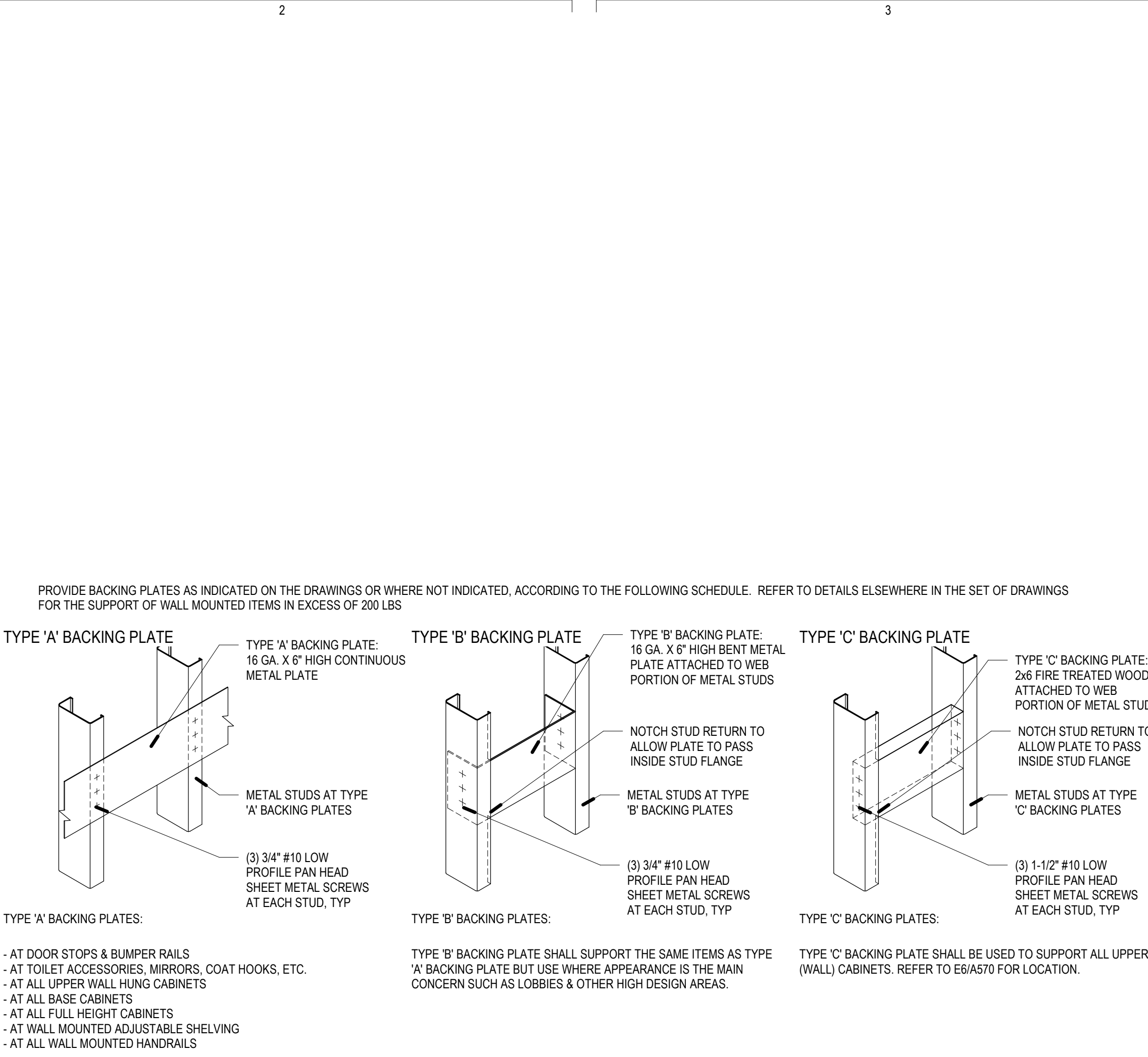
BUILDING "E"

EQUIPMENT CATEGORIES - ABBREVIATIONS:

MED = MEDICAL
GYM = GYMNASIUM
COM = COMMERCIAL
GEN = GENERAL
OFF = OFFICE
FUR = FURNITURE (NIC)

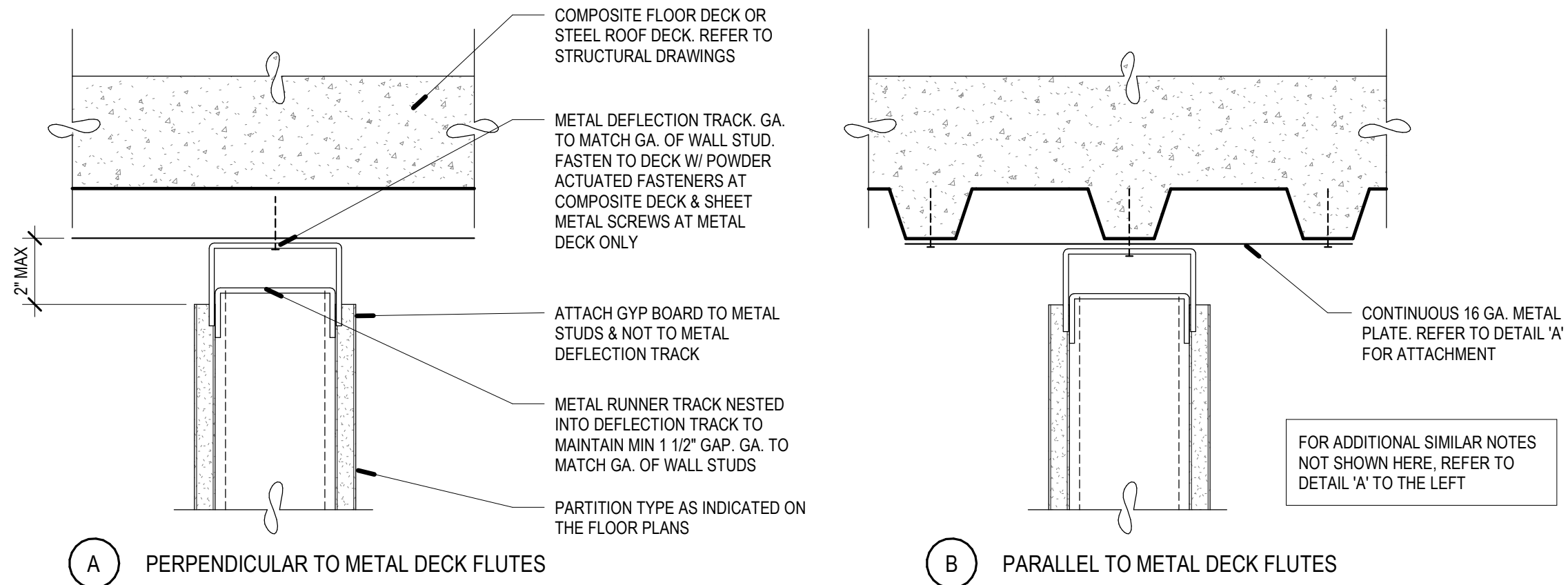
MARK	TYPE
CO2.1	GEN - COMPUTER-DESKTOP-KEYBOARD-SINGLE MONITOR
D11	GEN - DISPENSER-PAPER TOWEL, (FOLDED PAPER) non wall hosted
D12	GEN - DISPENSER-SOAP, non wall hosted
IM1.1	SE - Ice Machine
MU3	OFF - MULTIFUNCTION-FLOOR STAND-SMALL-3 DRAWER
MW1	COM - MICROWAVE-COUNTER
RE3.1	COM - REFRIGERATOR-UNDERCOUNTER
TE2	GEN - TELEPHONE-DESK

E
D
C
B
A



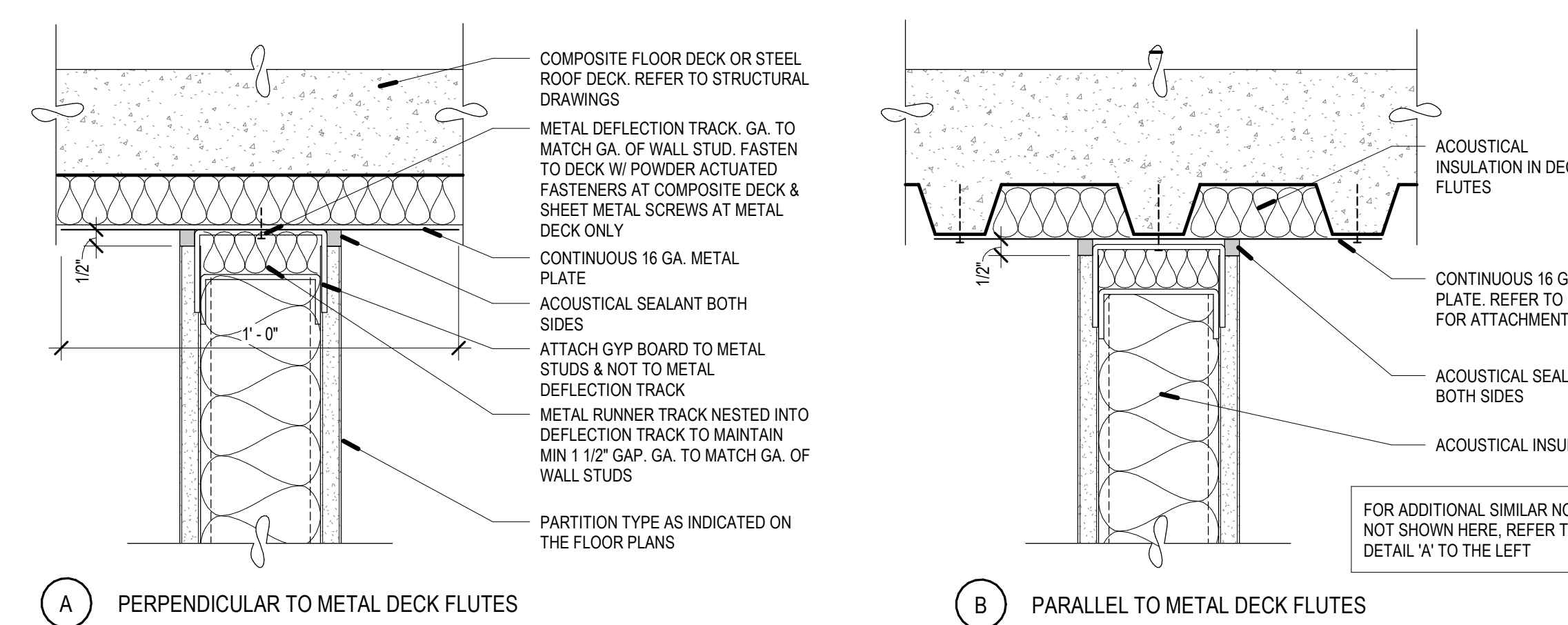
D2 BACKING PLATE - SCHEDULE

SCALE: 3/16" = 1'-0"



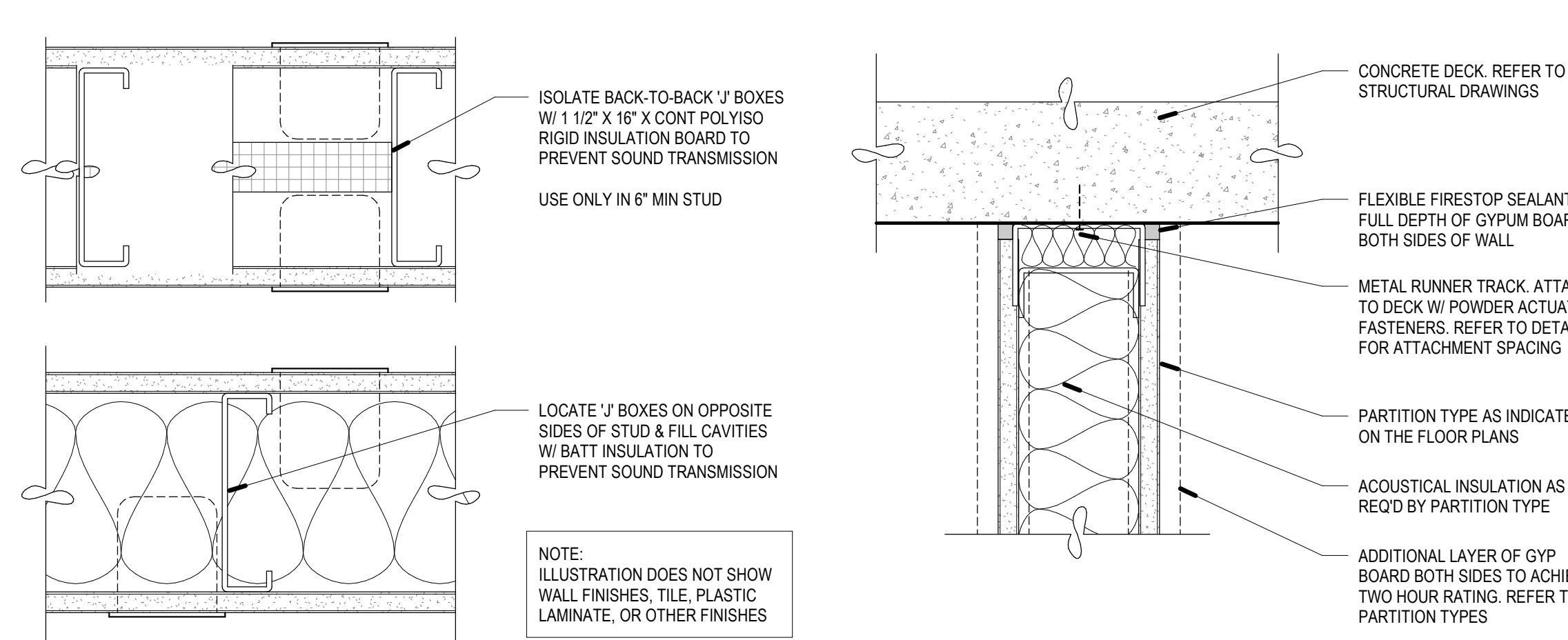
C2 PARTITION HEAD - NON-RATED

SCALE: 3" = 1'-0"



B2 PARTITION HEAD - ACOUSTIC - NON-RATED

SCALE: 3" = 1'-0"

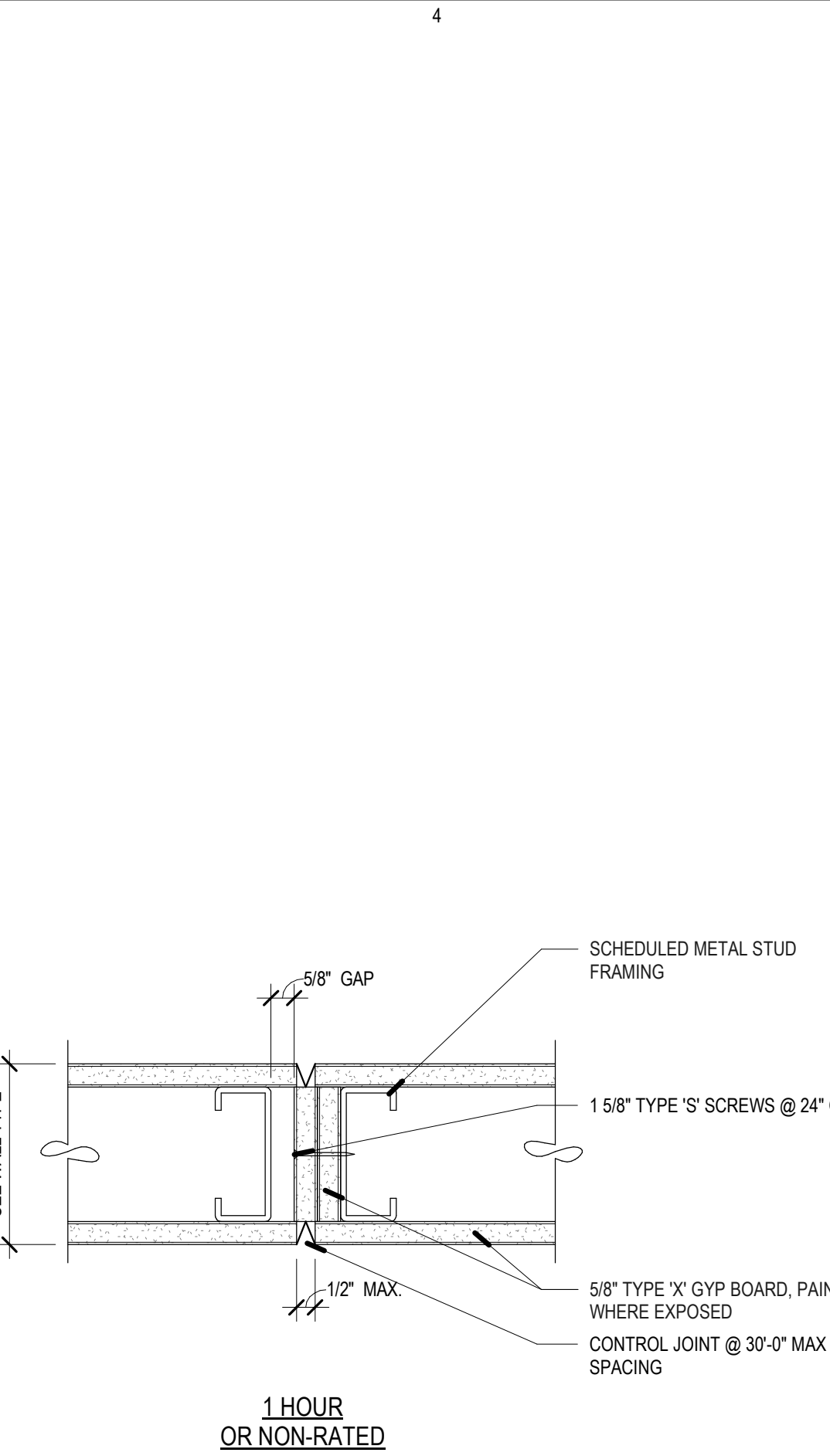


A2 ELECTRICAL DEVICE - TYP

SCALE: 3" = 1'-0"

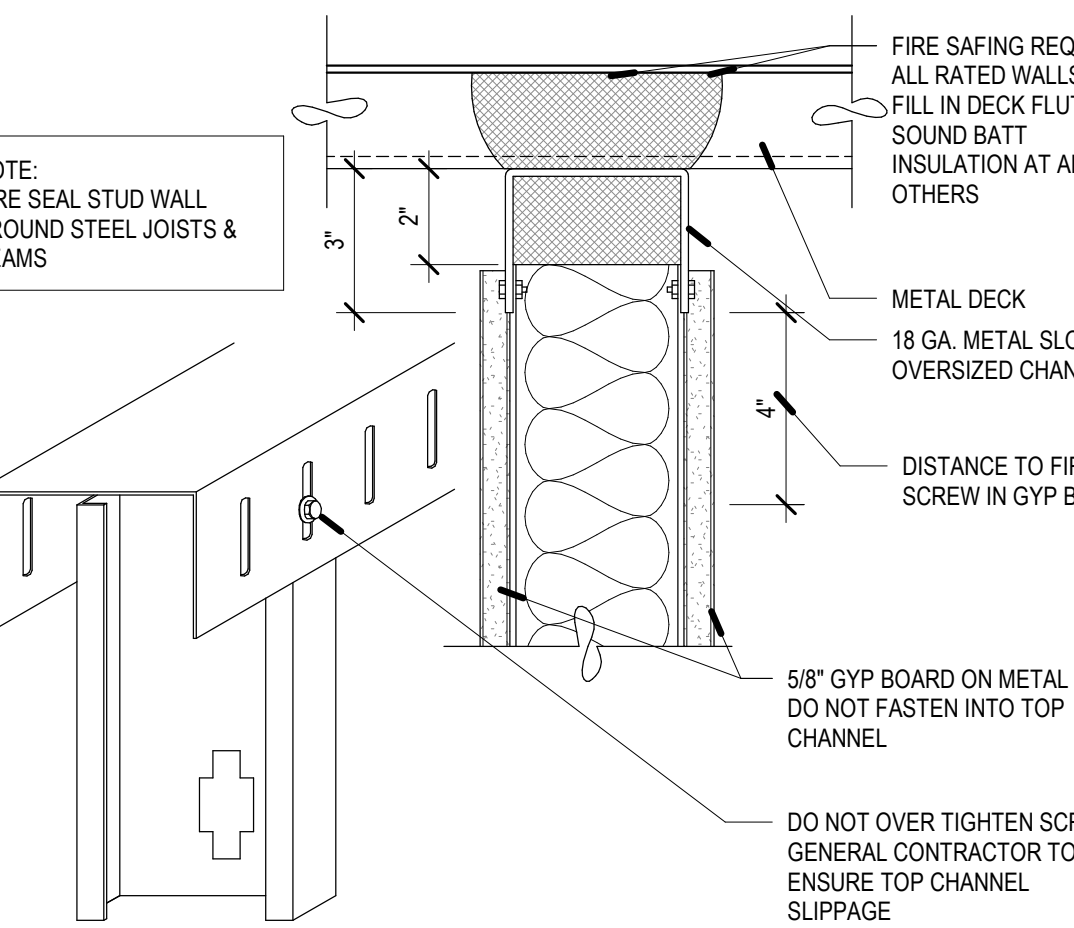
A3 PARTITION HEAD - RATED

SCALE: 3" = 1'-0"



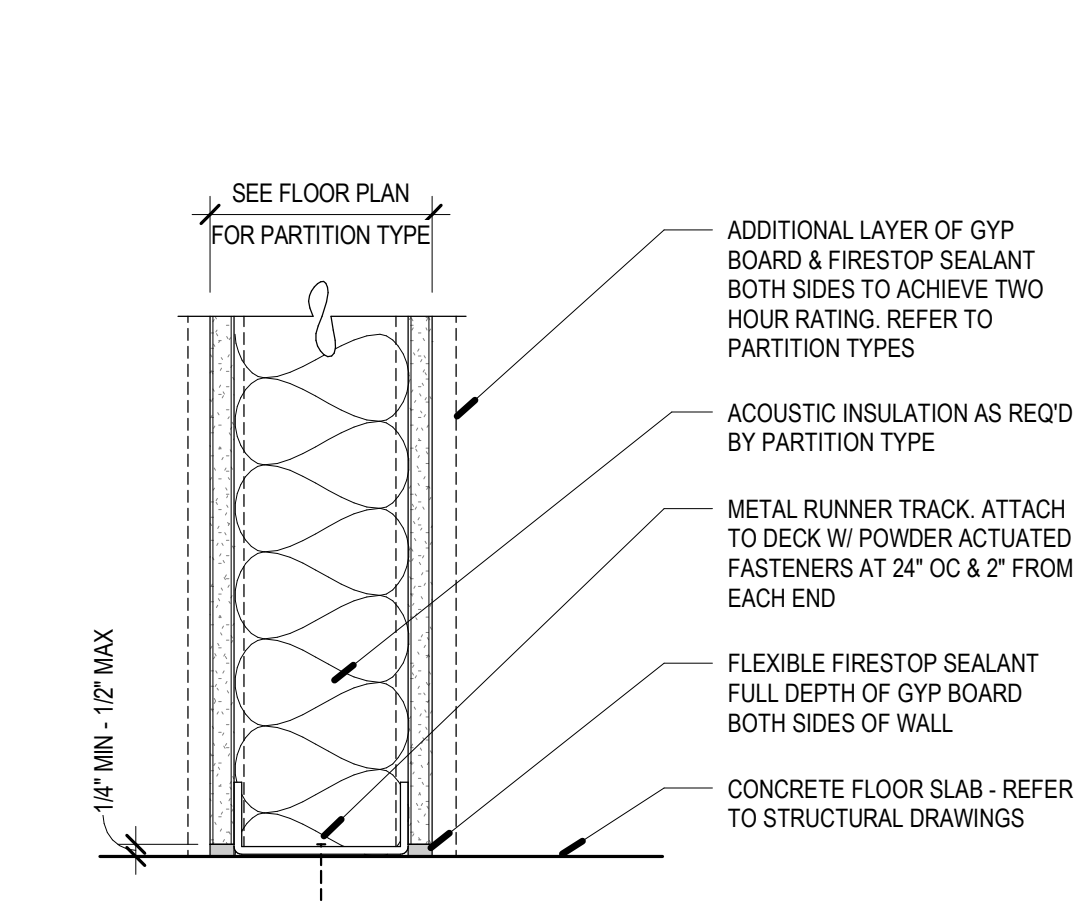
D4 CONTROL JOINT - STUD

SCALE: 3" = 1'-0"



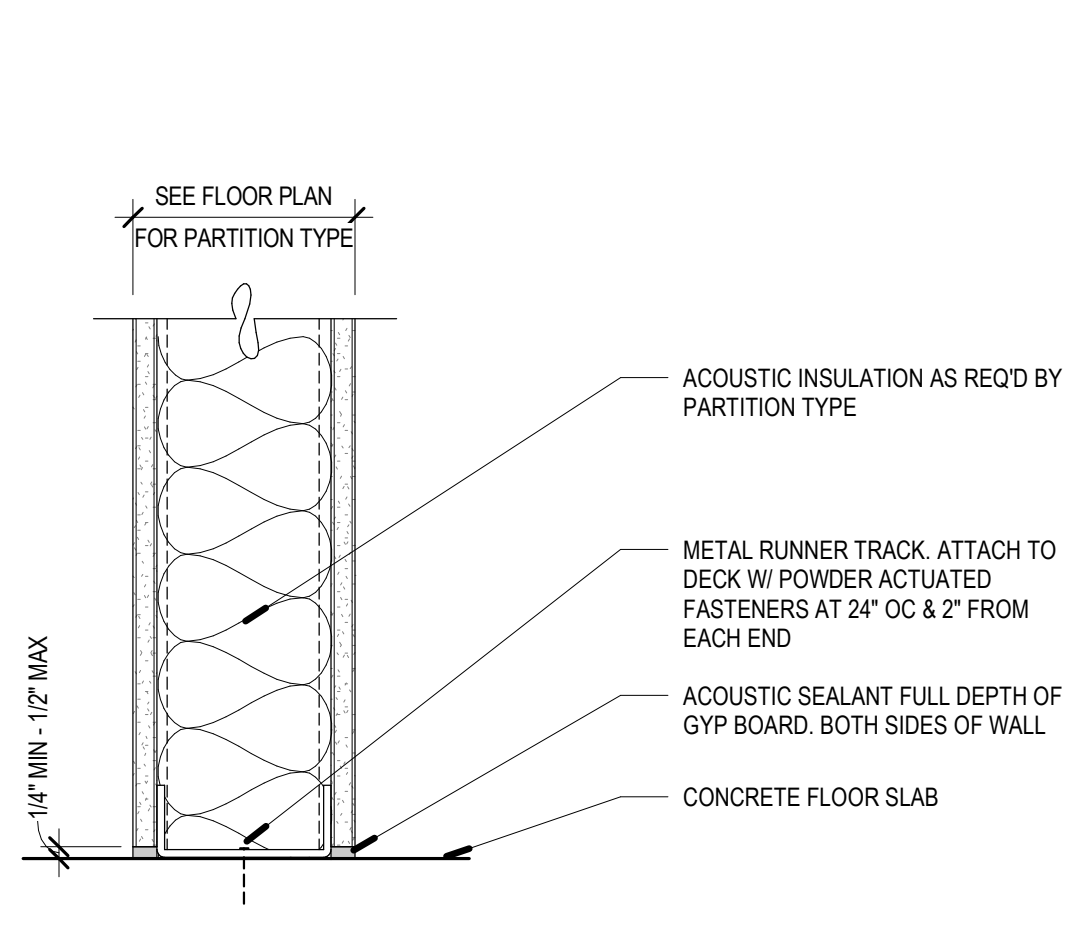
C4 PARTITION - SLIP JOINT - TYP

SCALE: 3" = 1'-0"



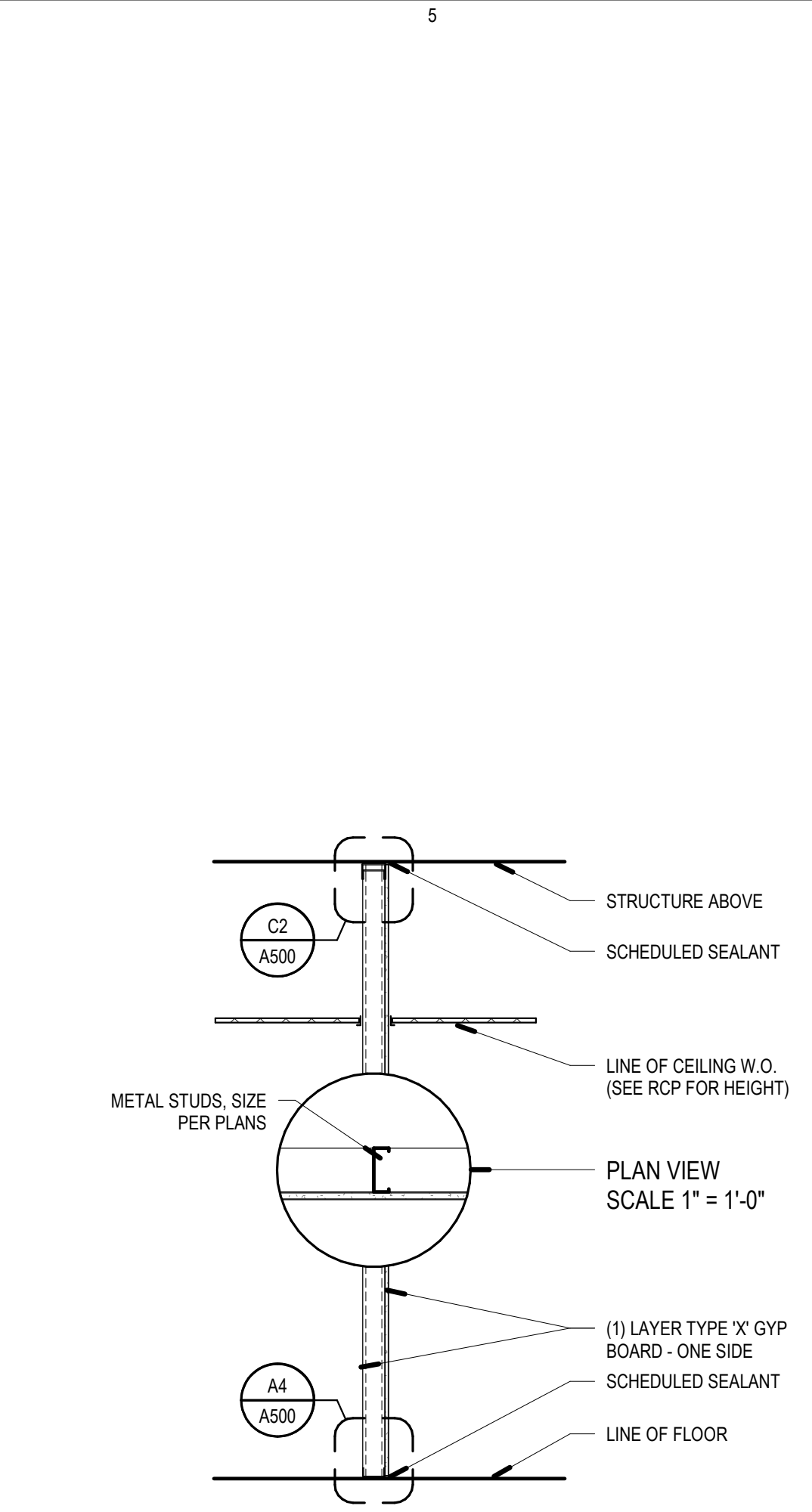
B4 PARTITION BASE - RATED

SCALE: 3" = 1'-0"



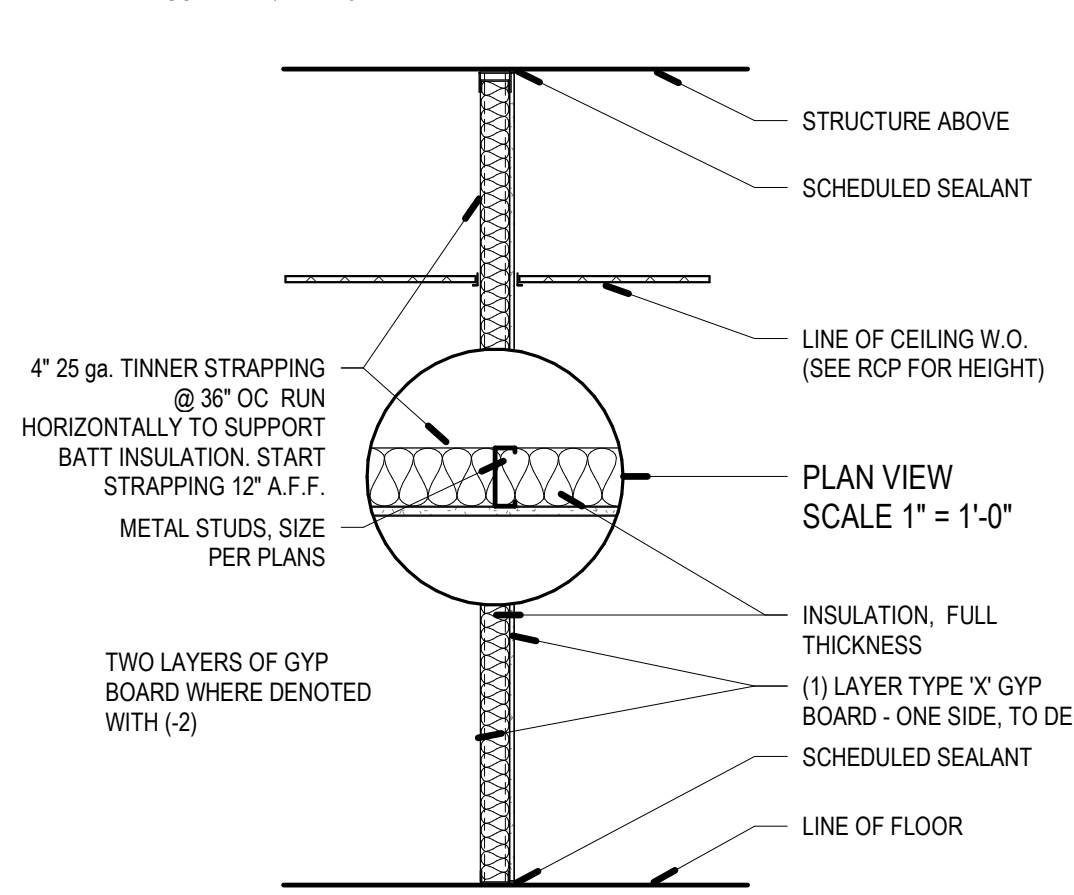
A4 PARTITION BASE - NON-RATED

SCALE: 3" = 1'-0"



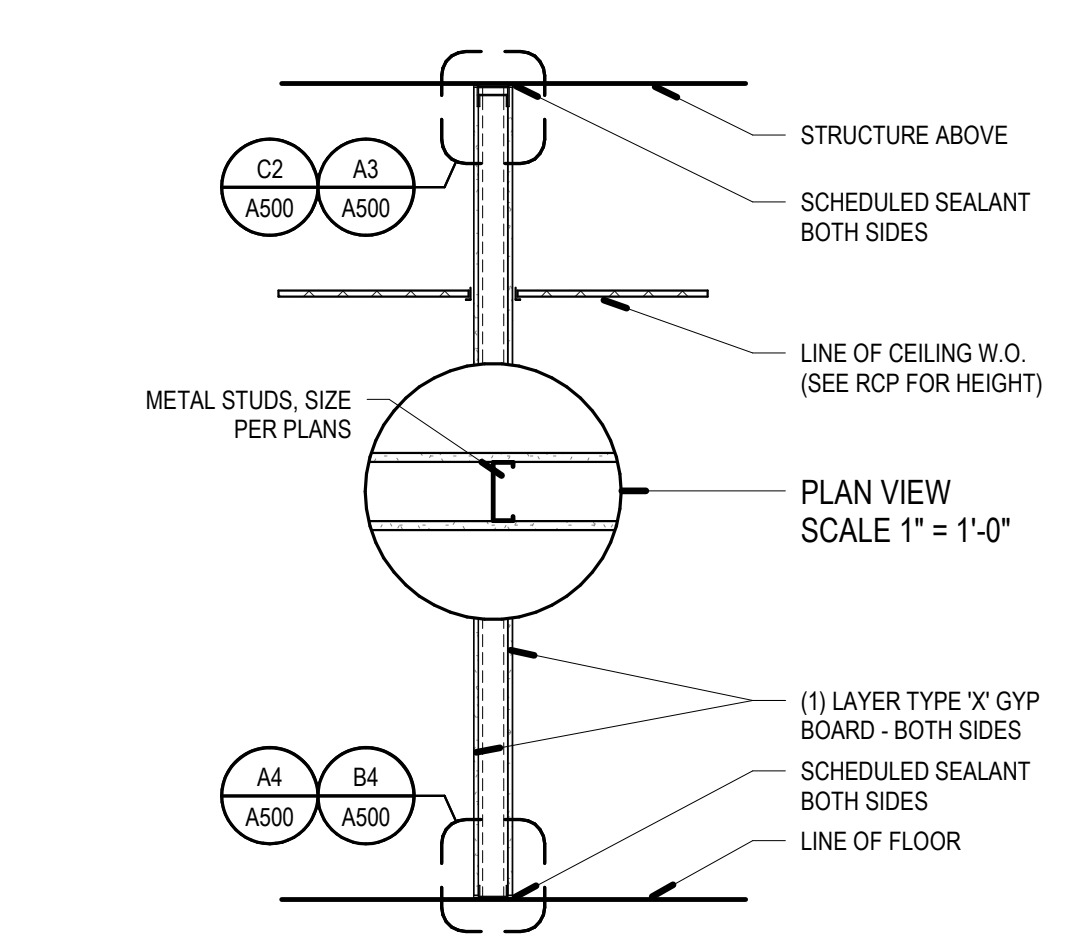
D5 PARTITION - 9Dx

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



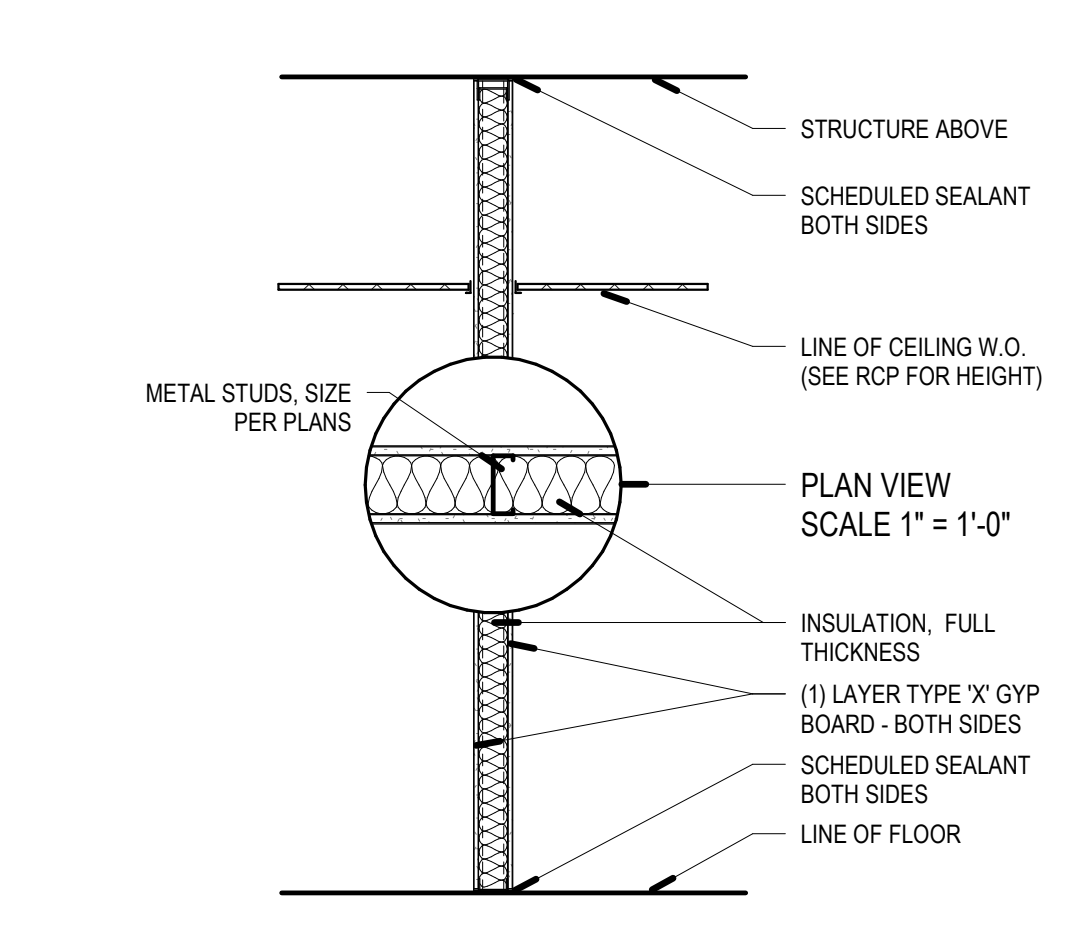
C5 PARTITION - 9Cx

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



B5 PARTITION - 9Bx and 9Bx-1

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



A5 9Ax and 9Ax-1 - METAL STUD - BATT INSUL

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

PARTITION + FRAMING GENERAL NOTES

FRAMED WALL PARTITIONS

- PARTITION TYPE INDICATIONS ARE INDEPENDENT OF APPLIED FINISHES. SEE FINISH SHEETS AND INTERIOR ELEVATIONS FOR WALL FINISHES INCLUDING TILE COURSING AND LAYOUT AND/OR THE DESIGNATIONS ON THE PLANS FOR ADDITIONAL INFORMATION REGARDING APPLIED FINISHES.
- WHERE PARTITION TYPE DESIGNATION ON FLOOR PLANS IS INTERRUPTED BY DOOR OPENING, GLAZED PARTITION, ETC., CONSTRUCTION ABOVE INTERRUPTION (AND WHERE APPLICABLE BELOW) IS TO BE THE SAME AS THAT DESIGNATED FOR THE PARTITION IN WHICH THE INTERRUPTION OCCURRED.
- THE MINIMUM REQUIREMENTS FOR CONSTRUCTION OF EACH PARTITION TYPE AS EXPRESSED BY THE INDICATED REFERENCE ARE INCORPORATED BY REFERENCE AND ARE APPLICABLE TO THE WORK OF THIS PROJECT. HOWEVER, ADDITIONAL AND/OR MORE RESTRICTIVE REQUIREMENTS MAY BE INDICATED BY THE SPECIFICATIONS AND DRAWINGS. SUCH REQUIREMENTS ALSO APPLY AND SHALL GOVERN. SUCH REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO:
 - USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE.
 - USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE SPACING STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS.
 - USE STUDS OF GAUGE INDICATED ON THE DRAWINGS OR IN THE SPECIFICATIONS. THE GAUGE STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM GAUGE TESTED, 50 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
- USE STUDS OF DEPTH INDICATED BY THIS SET OF DOCUMENTS. THE DEPTH STATED BY THE REFERENCED APPROVAL OR TEST REPORT IS THE MINIMUM DEPTH TESTED DEPTH ALLOWED IN THESE DOCUMENTS. SEE STRUCTURAL DOCUMENTS FOR ADDITIONAL INFORMATION PERTAINING TO THE CONSTRUCTION OF CONCRETE, MASONRY AND STUD WALLS.
- PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100's AND FLOOR PLAN DRAWINGS.
- ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. **PAGE OF FINISHED WALL WILL BE NOTED AS FOLLOWS:**
- AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
- WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- ALL METAL STUD PARTITIONS ARE CONSIDERED ACOUSTIC PARTITIONS AND ARE TO RECEIVE A TYPE 1 SOUND ATTENUATION BLANKET. THICKNESS TO MATCH STUD DEPTH, UNLESS NOTED OTHERWISE.
- REFER TO SHEET **A520** FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
- PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PLASTER OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. **CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING.** INSTALL PER DETAILS **C2A520** FOR CONTROL JOINTS.
- AT WALL OPENINGS FOR PENETRATION OF PIPES, DUCTS, DEVICES, ETC., GYPSUM BOARD IS TO BE CUT TO MATCH THE SHAPE AND DIMENSION OF THE PENETRATING OBJECT AND THE GAP BETWEEN THE OBJECT AND THE WALL IS TO BE SEALED W/ ACOUSTICAL OR FIRE SEALANT ON ALL SIDES WITH A 3/4" JOINT AT ALL SIDES. MAXIMUM. THE OPENING FOR DUCTS OR LARGE PENETRATIONS SHALL BE FRAMED WITH A HEADER, ADD AN ANGLED CORNER BRACE IF THE GAP EXCEEDS 3" FROM FRAMING TO THE OPENING.
- PROVIDE BLOCKING / BACKING FOR ALL WALL MOUNTED EQUIPMENT. SEE FLOOR PLANS AND INTERIOR ELEVATIONS FOR CABINETS, GRAB BARS ETC. INSTALL BLOCKING AS DETAILED OR AS REQUIRED TO MOUNT SUCH DEVICES. ALL BLOCKING IS TO BE FIRE RETARDANT TREATED. INSTALL PER SHEET **E6A520**.
- WHERE THERE IS LIMITED WATER EXPOSURE: INSTALL ONE LAYER OF 5/8" TYPE 'X' WATER RESISTANT GYPSUM BOARD PER ASTM C1396 (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION AT THE FOLLOWING LOCATIONS:
 - WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITOR SINKS
 - AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
- INSTALL ONE LAYER OF 5/8" GLASS MATT TILE BACKER BOARD IN LIEU OF GYPSUM BOARD (WHERE GYPSUM BOARD OCCURS) OF BASIC PARTITION WHERE THERE IS NO FIRE RATING AND OVER GYPSUM BOARD FACE LAYER AT FIRE RATED PARTITIONS AT THE FOLLOWING LOCATIONS:
 - WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS AND/OR INTERIOR ELEVATIONS.
 - AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
- WHERE NEW WALLS OR FURRING ARE INDICATED TO BE DIMENSIONED OFF OF AN EXISTING WALL, THE NEW WALL SHALL BE STRAIGHT AND PLUMB REGARDLESS OF THE CONDITION OF THE EXISTING WALL.

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400S137-43	33 ksi
6'-0"	(2) 600S162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi

METAL STUD HEADER NOTES:

- SCHEDULE TO BE USED FOR NON-BEARING WALLS.
- HEADERS TO BE CONSTRUCTED AS BOX HEADERS PER SSMA STANDARDS.
- SEE TYPICAL DETAIL FOR MORE INFORMATION.

NON-BEARING METAL STUD GAUGE SIZING

MEMBER DEPTH IN 1/100 INCHES	FLANGE WIDTH IN 1/100 INCHES	MATERIAL THICKNESS IN MILS
400S137-43		
STYLE (S=STUD OR JOIST)		
MEMBER DEPTH	MAX STUD HEIGHT	MIN. GA. & SPACING
2 1/2" (250S125-33)	10'-0"	20g/16" O.C.
3 5/8" (362S125-33)	14'-0"	20g/16" O.C.
3 5/8" (362S162-33)	15'-0"	20g/16" O.C.
3 5/8" (362S162-43)	18'-0"	18g/16" O.C.
6" (600S162-33)	24'-0"	20g/16" O.C.
6" (600S162-43)	26'-0"	18g/16" O.C.
6" (600S162-54-50KSI)	28'-0"	16g/16" O.C.

METAL STUD NOTES:

- STEEL STUDS SHALL MEET ICC REPORT ER-484P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
- SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33 KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.
- AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.

KEY FOR PARTITION TYPES

SEE SHEET A500 FOR WALL TYPE DETAILS AND NOTES

DENOTES TYPE OF CONSTRUCTION (SPEC DIVISION)

44A

3 X 0 SERIES CONCRETE
4 X 0 SERIES MASONRY
5 X 0 SERIES COLD FORMED METAL STUDS, 16 GA MIN.
9 X 0 SERIES METAL STUDS

NOMINAL SIZES: V = VARIABLE MATCH EXISTING
1 = 1 5/8" STUDS
2 = 2 1/2" STUDS
3 = 3 5/8" STUDS
4 = 4" STUDS / 4" (NOM.) C.M.U.
6 = 6" STUDS / 6" (NOM.) C.M.U.
8 = 8" STUDS / 8" (NOM.) C.M.U.
10 = 10" (NOM.) C.M.U. OR CONC.
12 = 12" (NOM.) C.M.U. OR CONC.

EXAMPLE: WALL TYPE 9A3 IS A 3 5/8" METAL STUD WITH 5/8" GYPSUM BOARD ON BOTH SIDES.

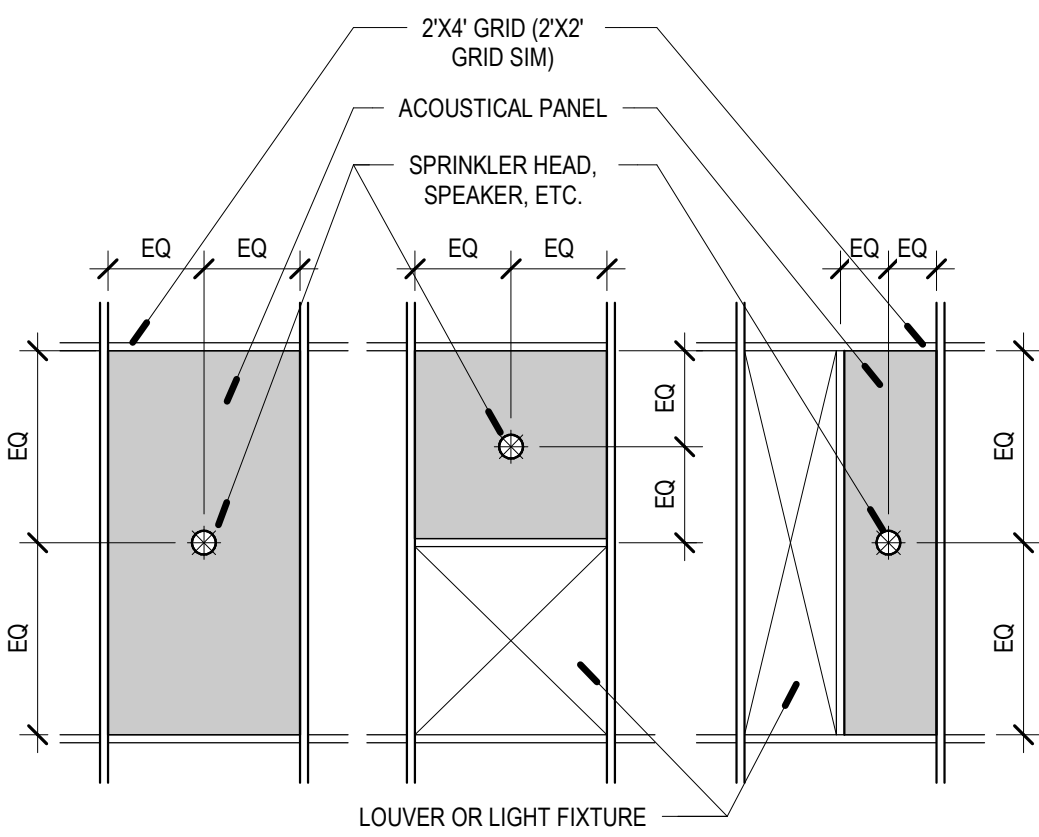
RATED WALL LEGEND

--- INCIDENTAL USE AREAS
--- 1 HOUR SEPARATION
--- 2 HOUR SEPARATION
--- 3 HOUR SEPARATION

90X-R SERIES

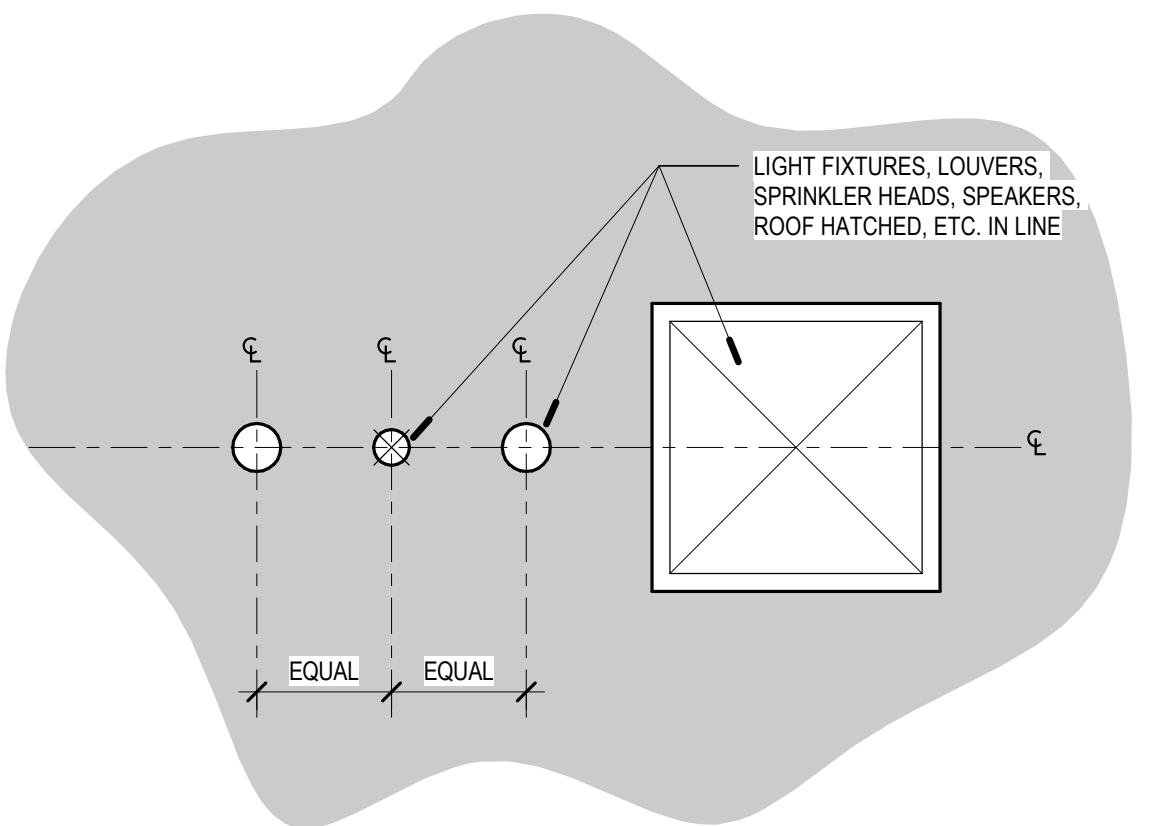
--- FIRE RATING (ONLY WHEN NOTED):
1 = 1 HOUR RATED ASSEMBLY
2 = 2 HOUR RATED ASSEMBLY
3 = 3 HOUR RATED ASSEMBLY

EXAMPLE: WALL TYPE 9A3-1 IS ONE HOUR RATED, 3 5/8" METAL STUD WALL WITH 5/8" GYPSUM BOARD ON BOTH SIDES, PER ASSEMBLY REQUIREMENTS.



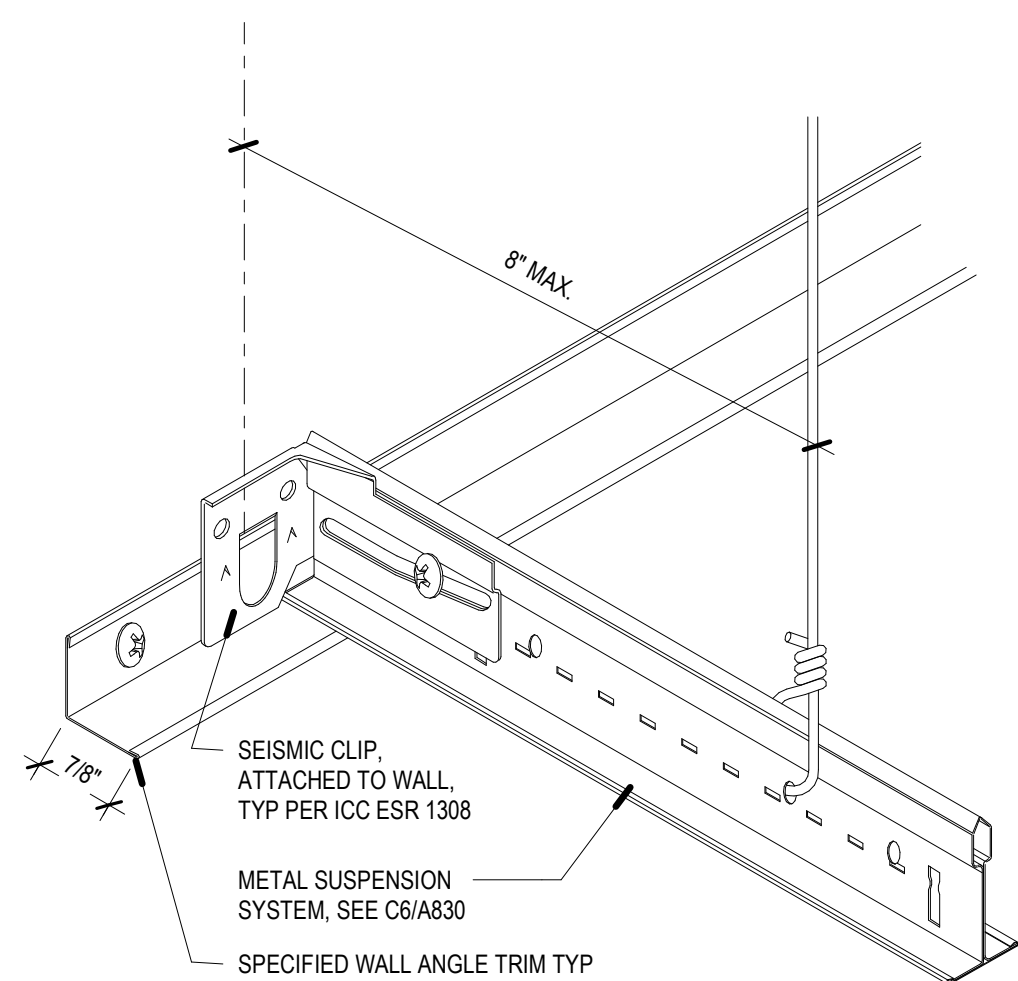
B2 CEILING TILE - PENETRATION - TYP

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



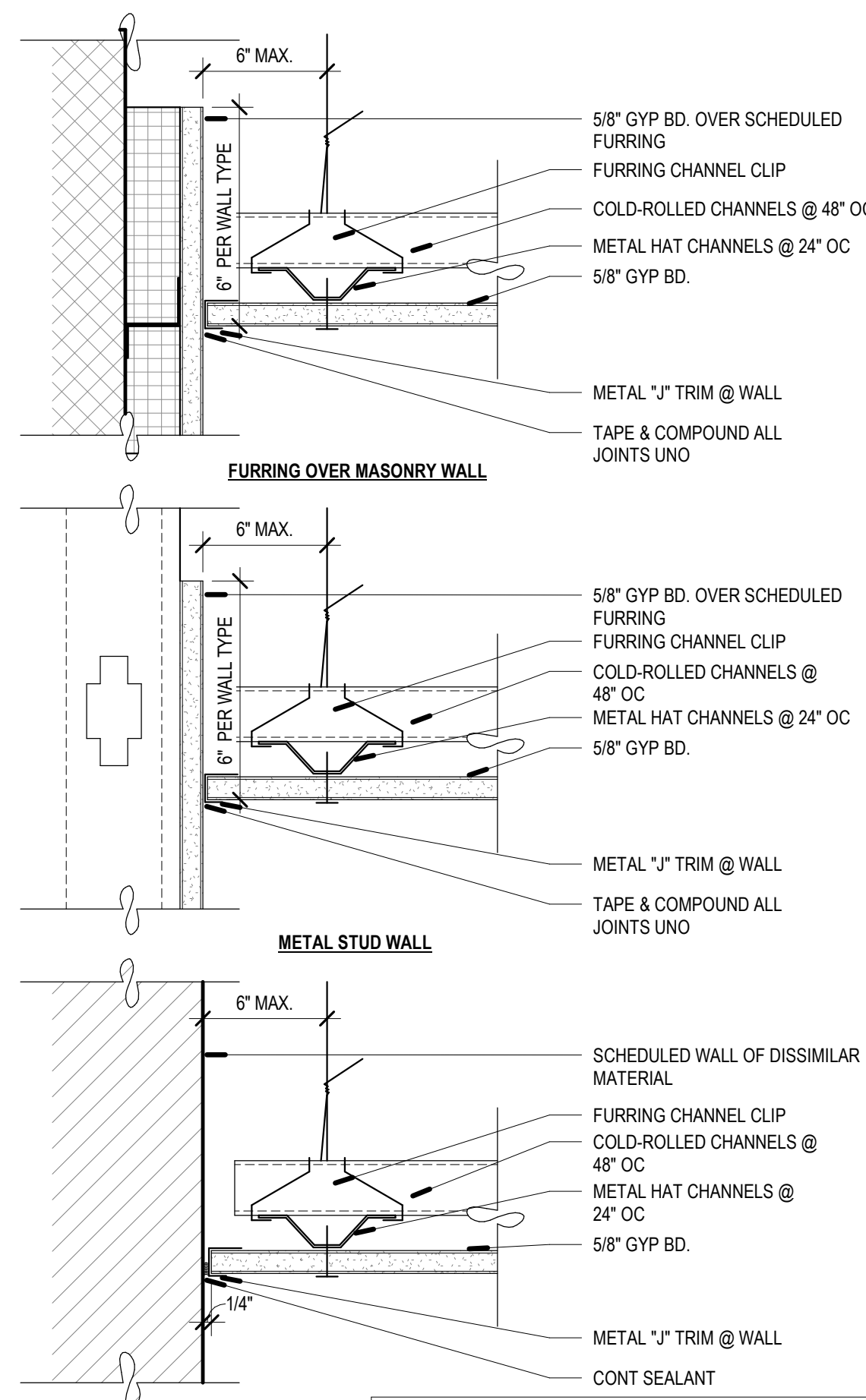
A2 GYP BOARD CEILING - FIXTURE - TYP

SCALE: 3/4" = 1'-0"



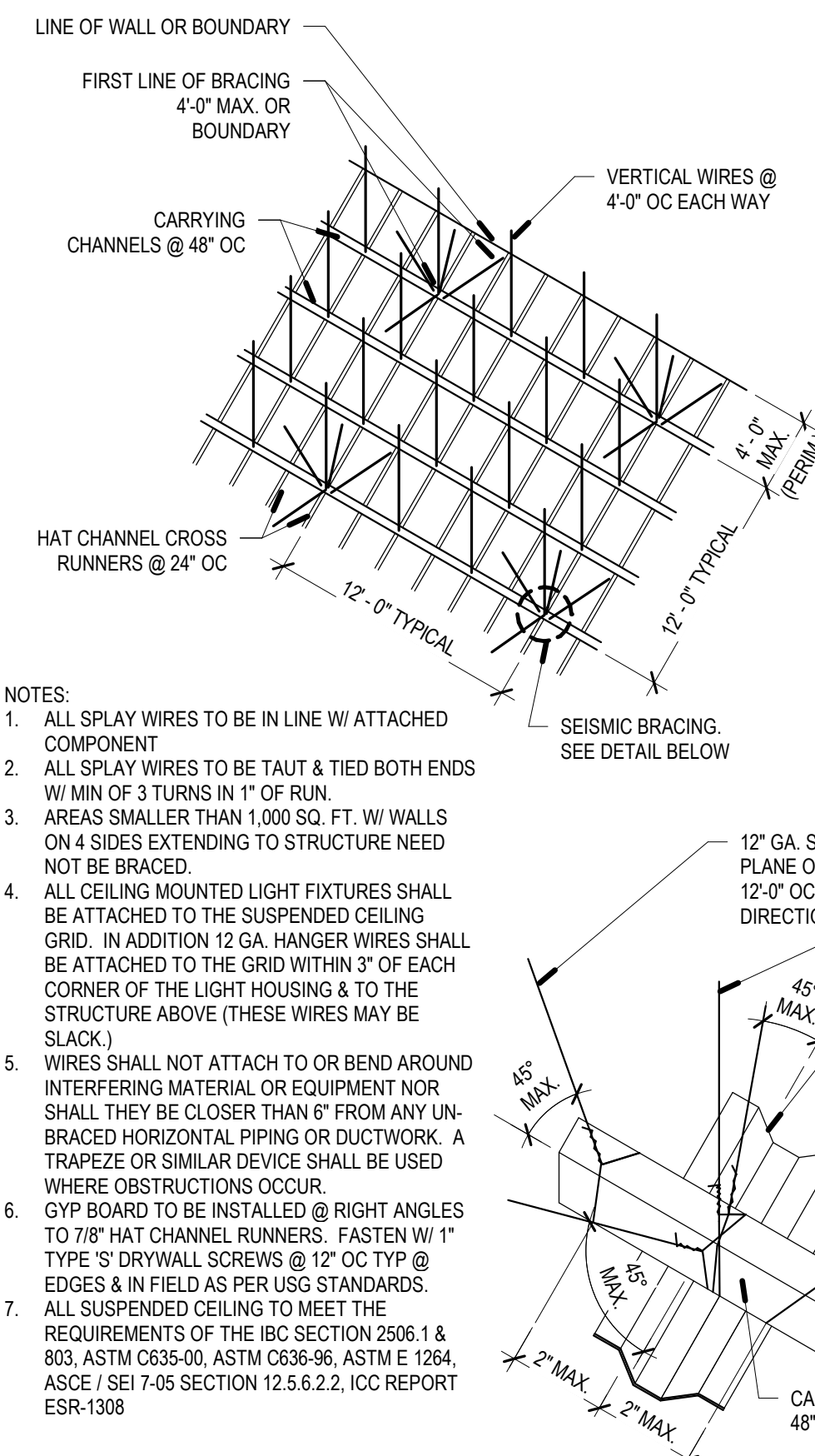
A3 SUSPENDED CEILING - TYP

SCALE: 6" = 1'-0"



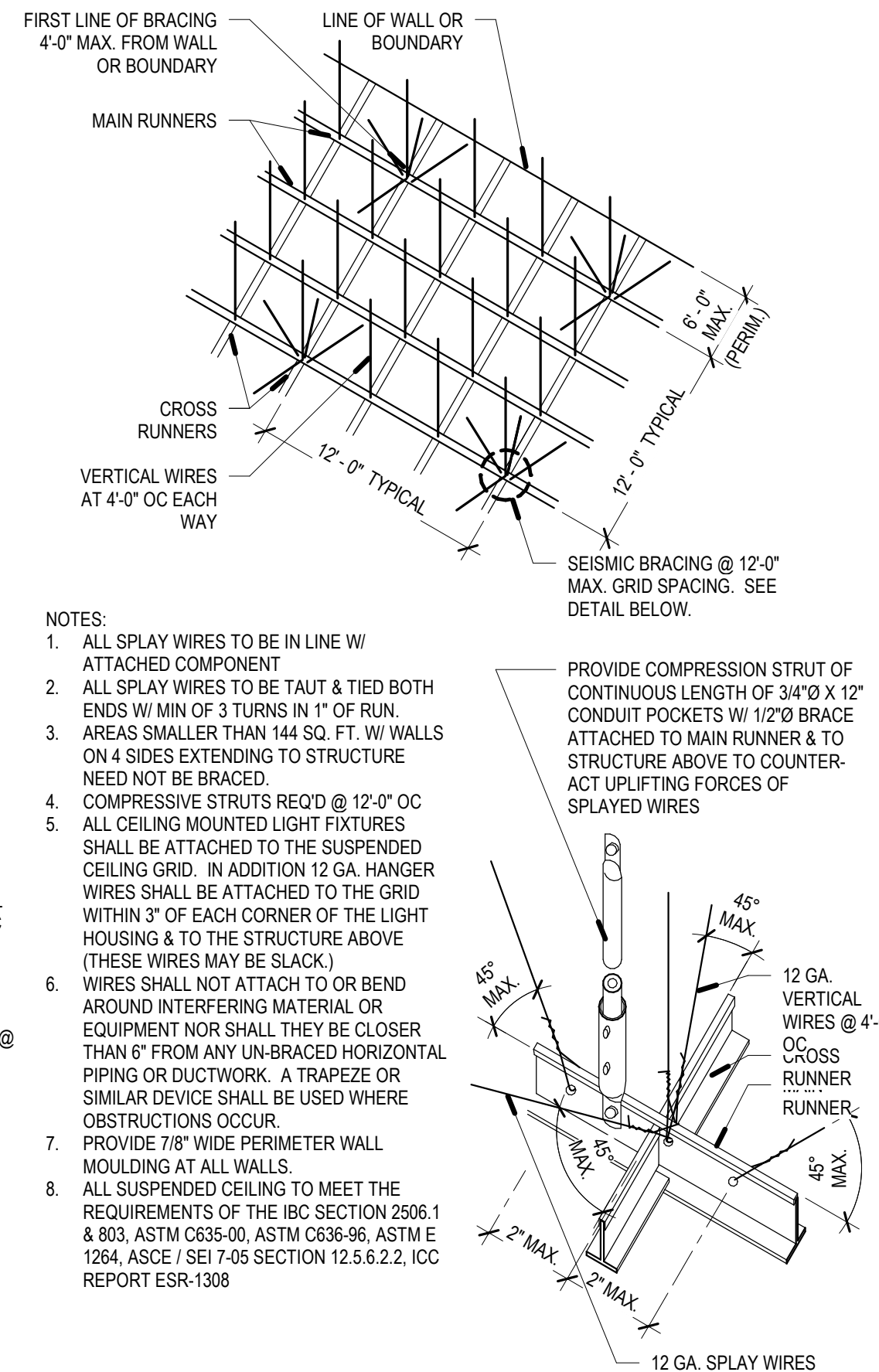
A4 SLIP JOINT

SCALE: 3" = 1'-0"



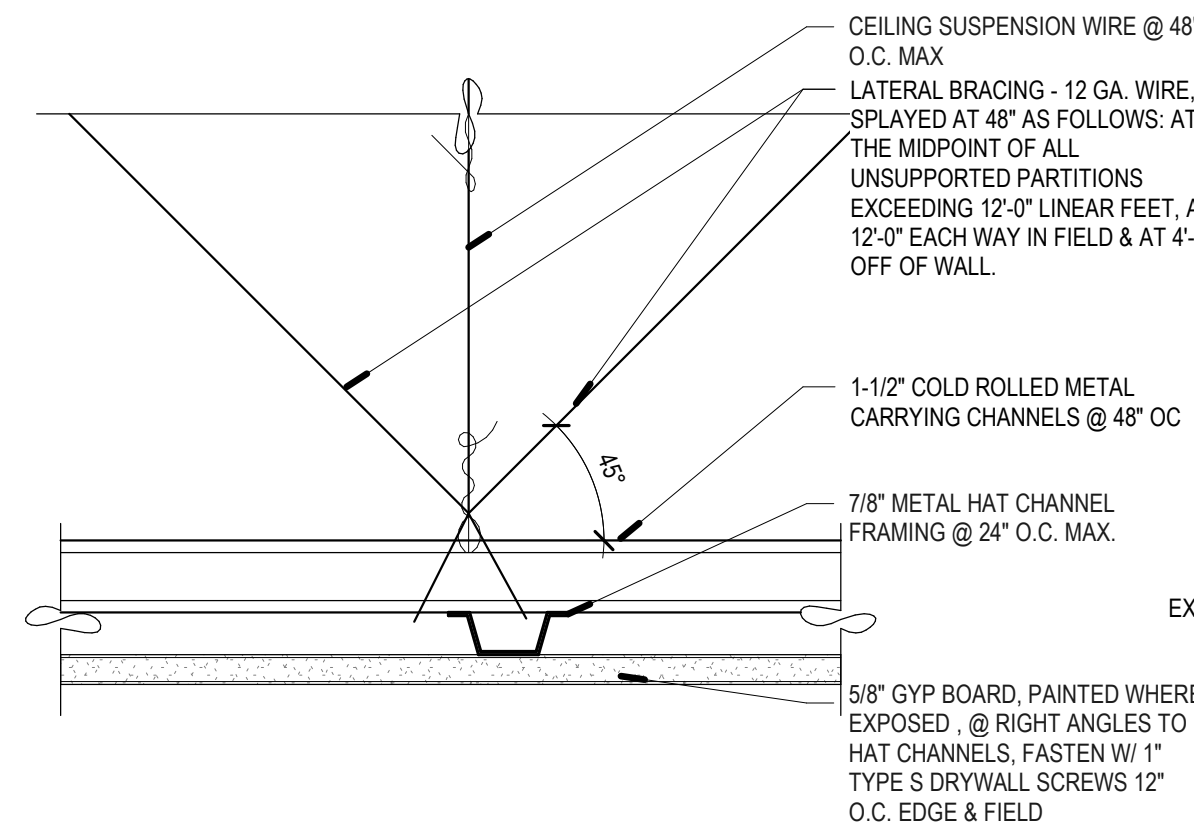
A5 SUSPENDED CEILING - GYP BRACING - TYP

SCALE: 6" = 1'-0"



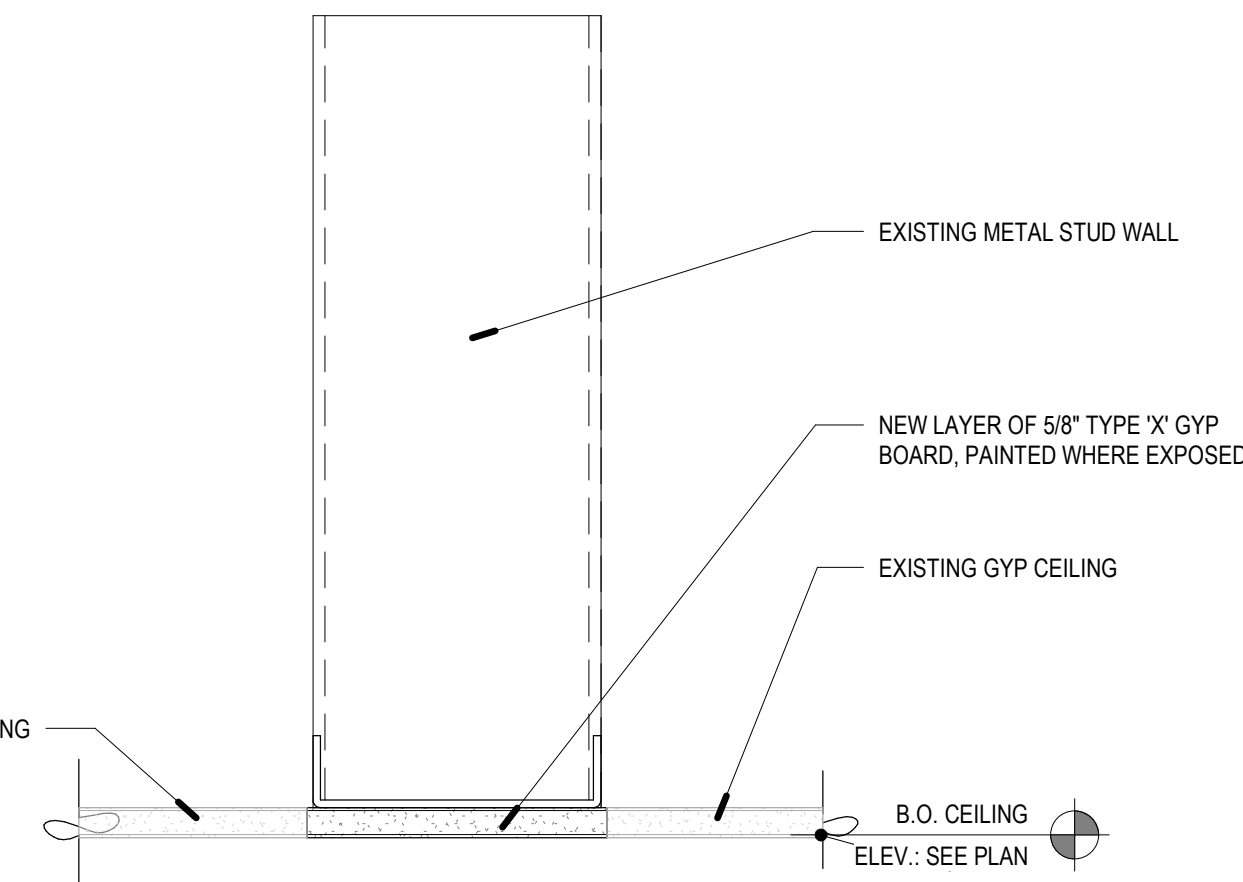
A6 SUSPENDED CEILING - SEISMIC BRACING

SCALE: 6" = 1'-0"



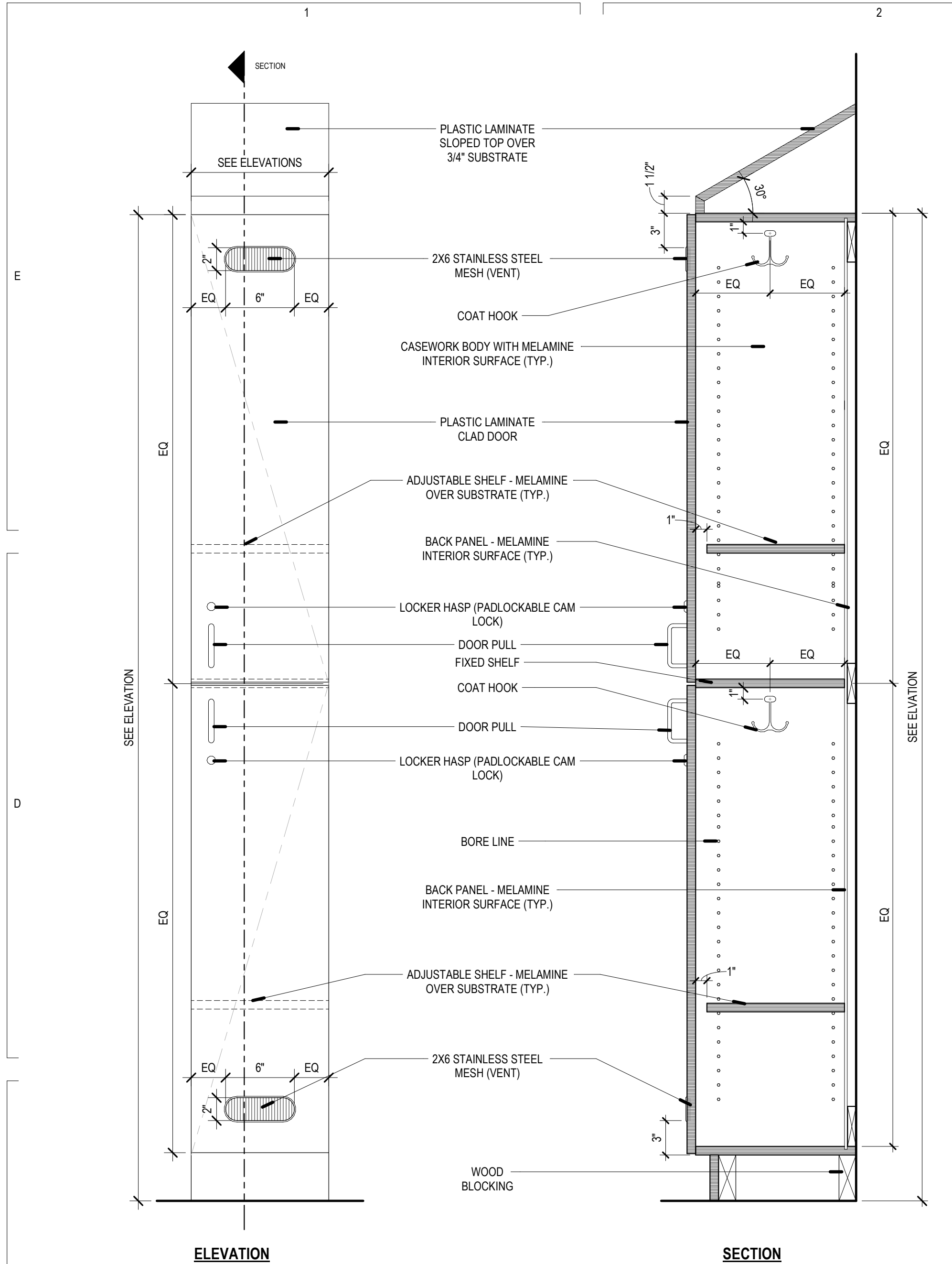
D6 SUSPENDED CEILING - GYP - TYP

SCALE: 3" = 1'-0"

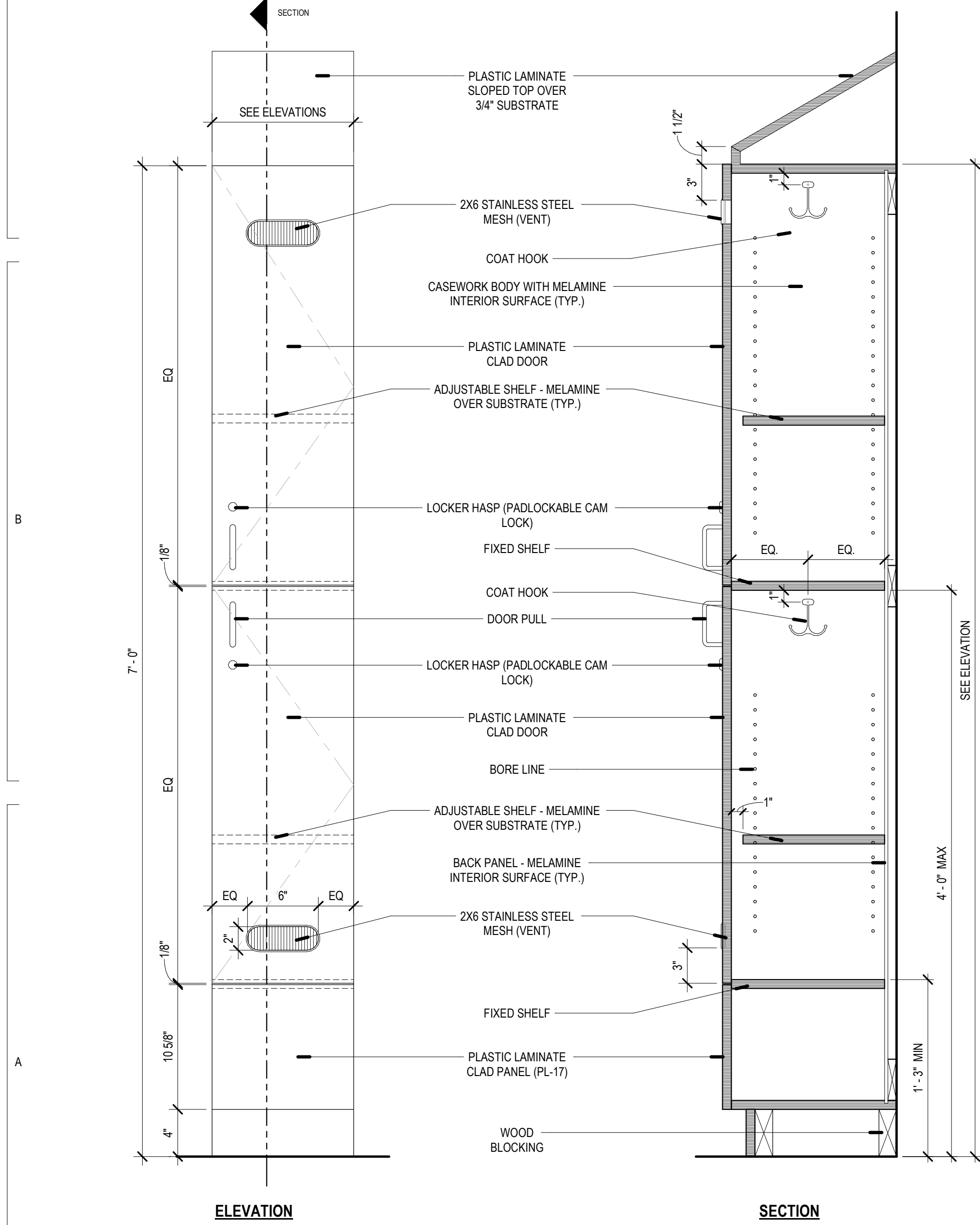


C4 EXISTING GYP CEILING W/ NEW

SCALE: 3" = 1'-0"

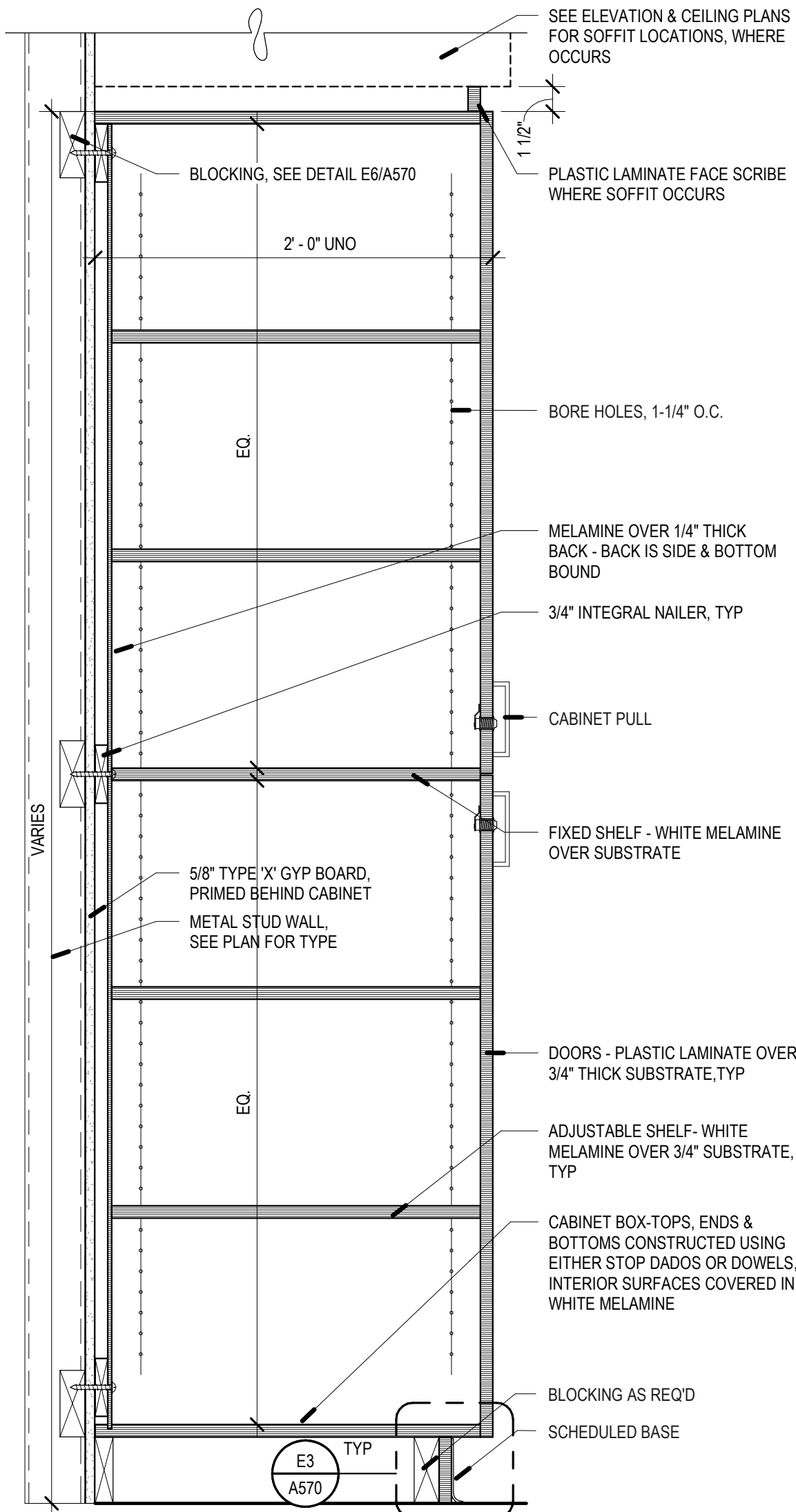


C1 2 TIER LOCKER
SCALE: 1 1/2" = 1'-0"

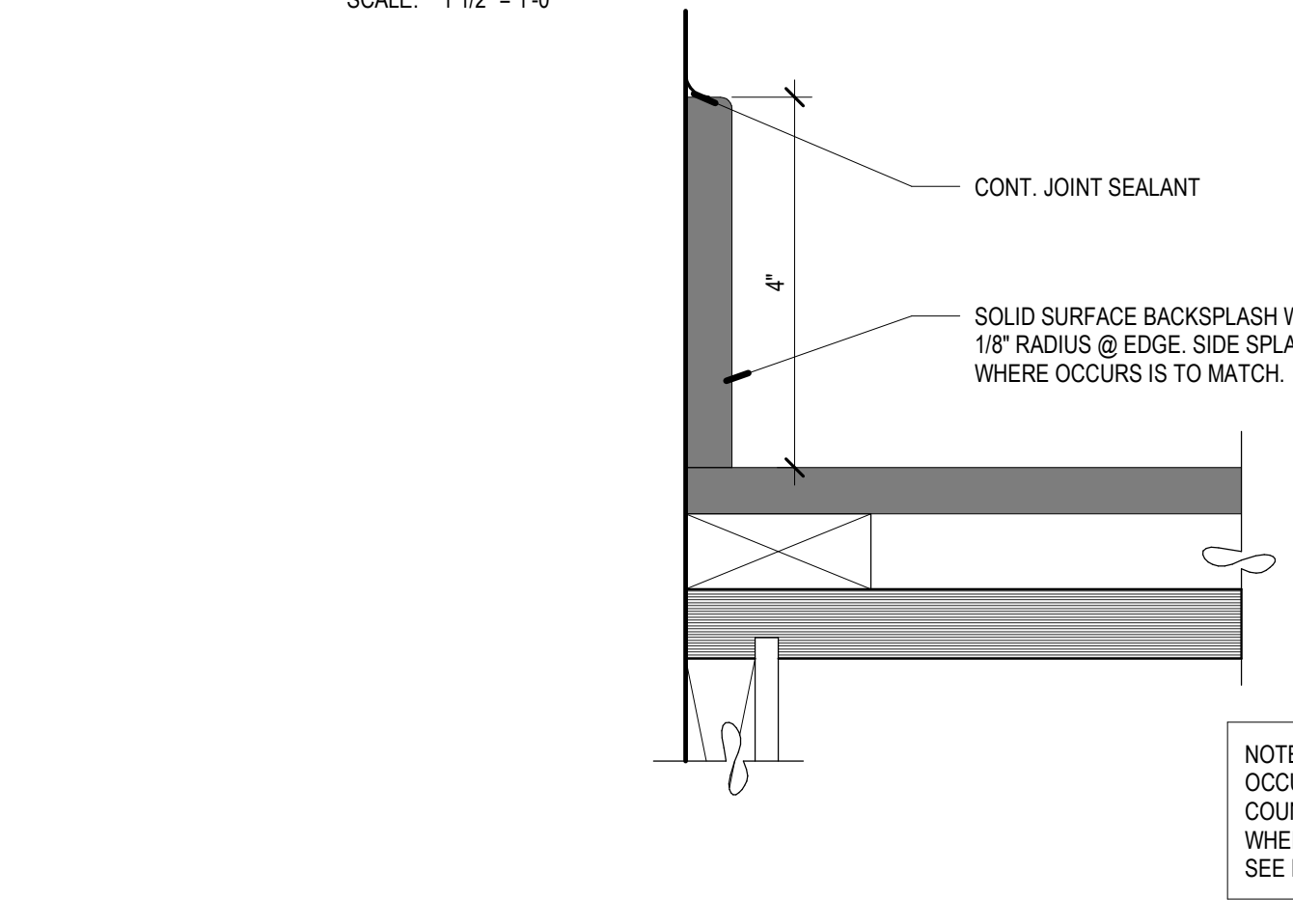


A1 2 TIER ADA LOCKER
SCALE: 1 1/2" = 1'-0"

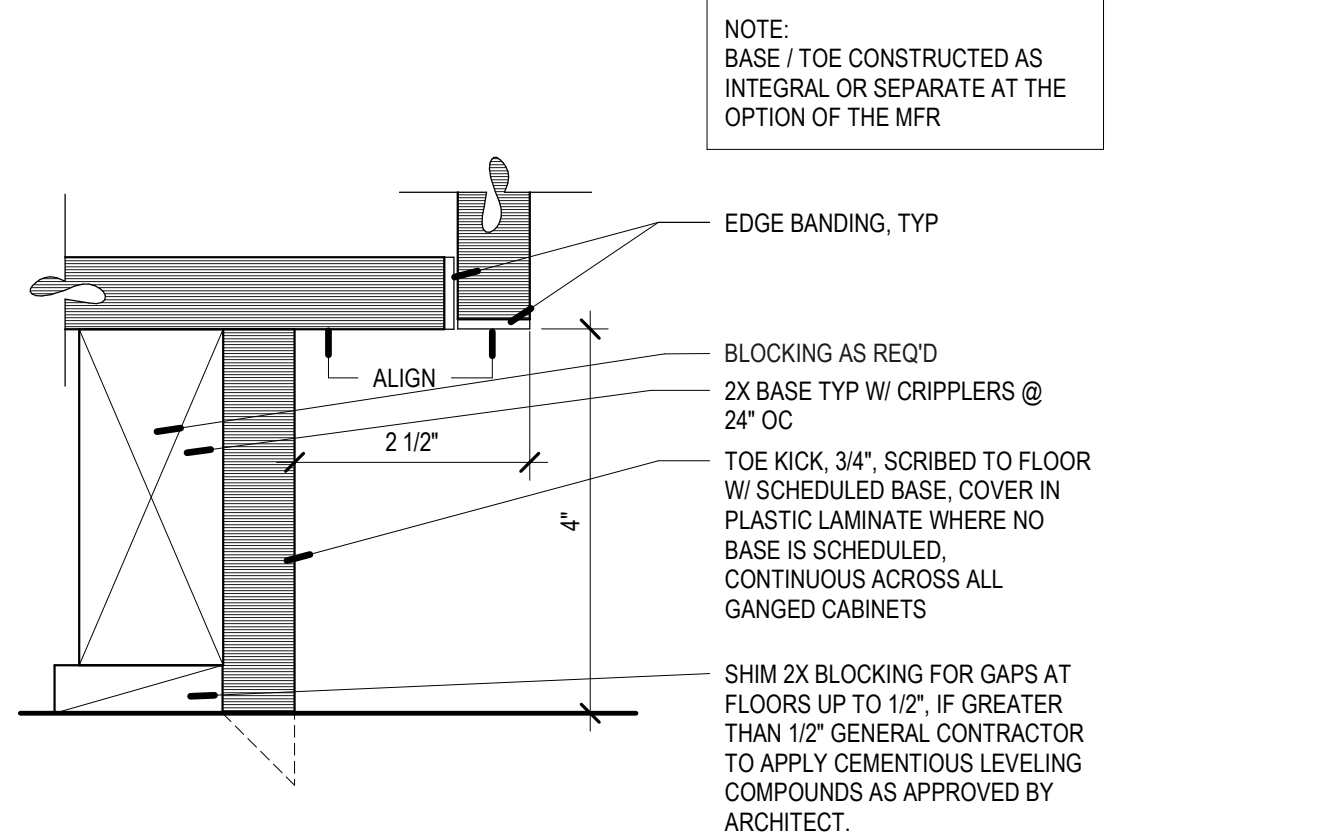
1 TALL CABINET - T025 & T045
SCALE: 1 1/2" = 1'-0"



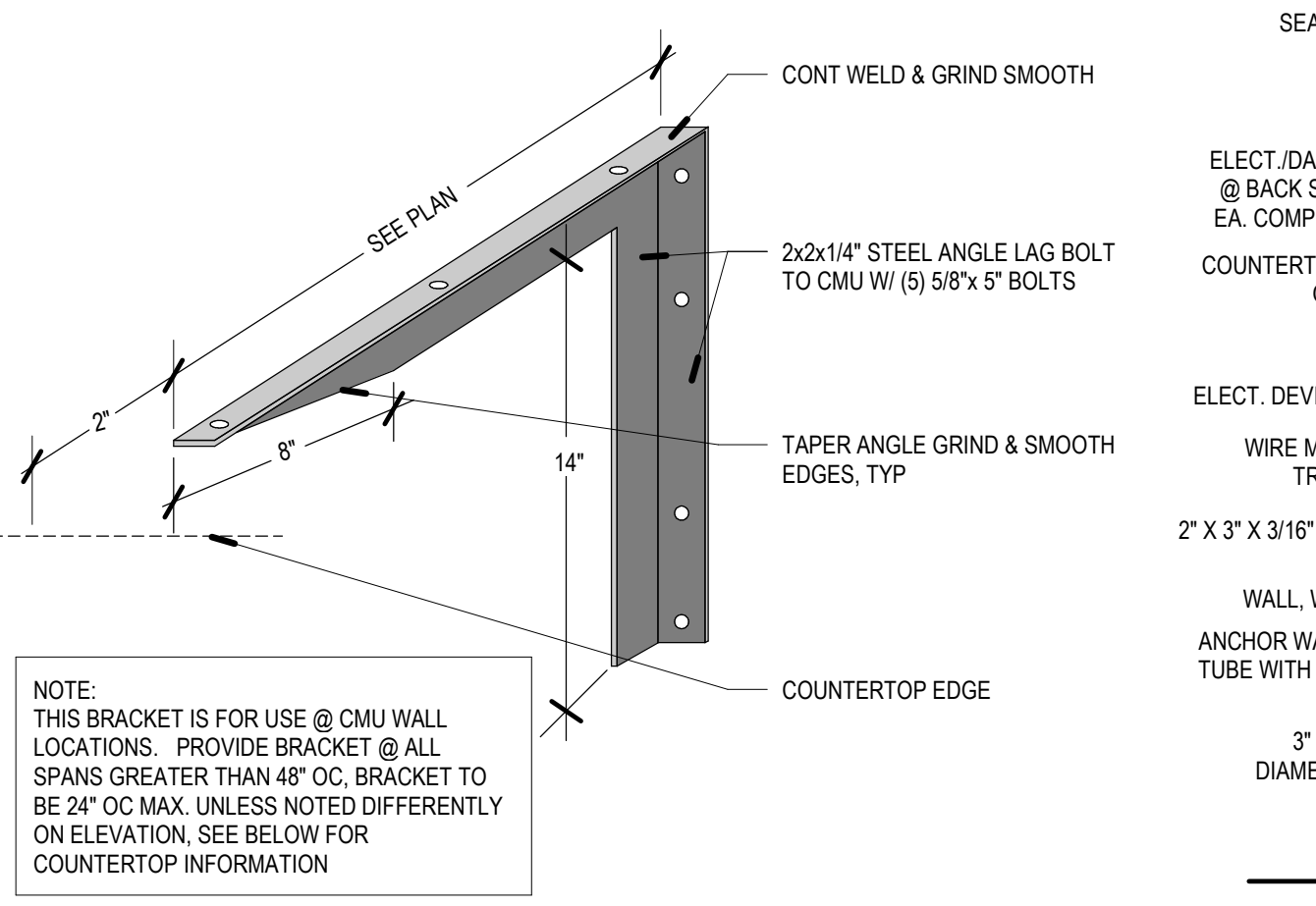
E4 BASE CABINET - CORNER
SCALE: 1 1/2" = 1'-0"



D4 COUNTER EDGE - SOLID SURFACE
SCALE: 6" = 1'-0"



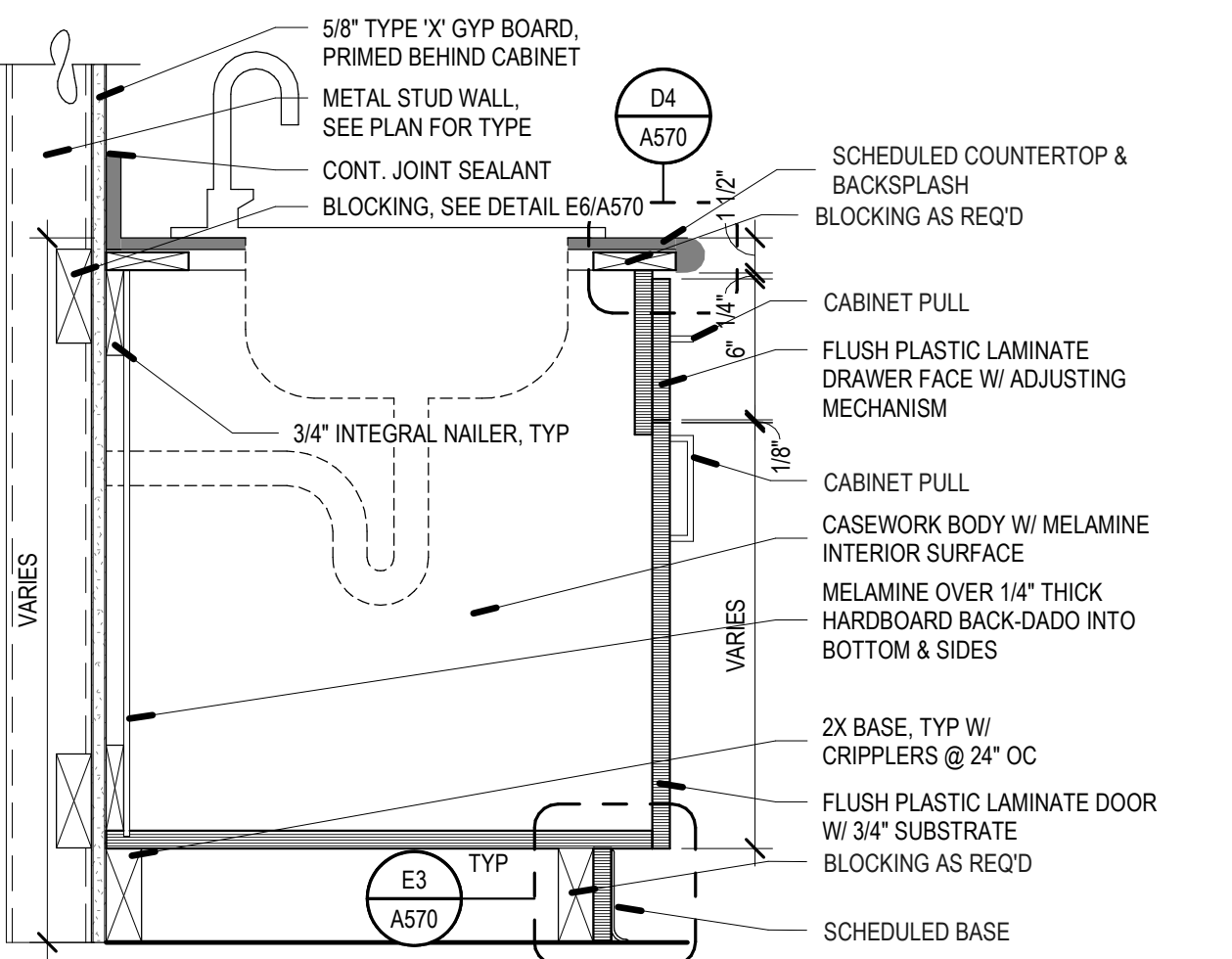
E3 TOE KICK - TYP
SCALE: 6" = 1'-0"



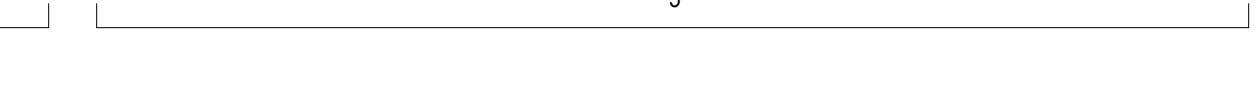
D3 COUNTER - SUPPORT - CMU
SCALE: 1 1/2" = 1'-0"



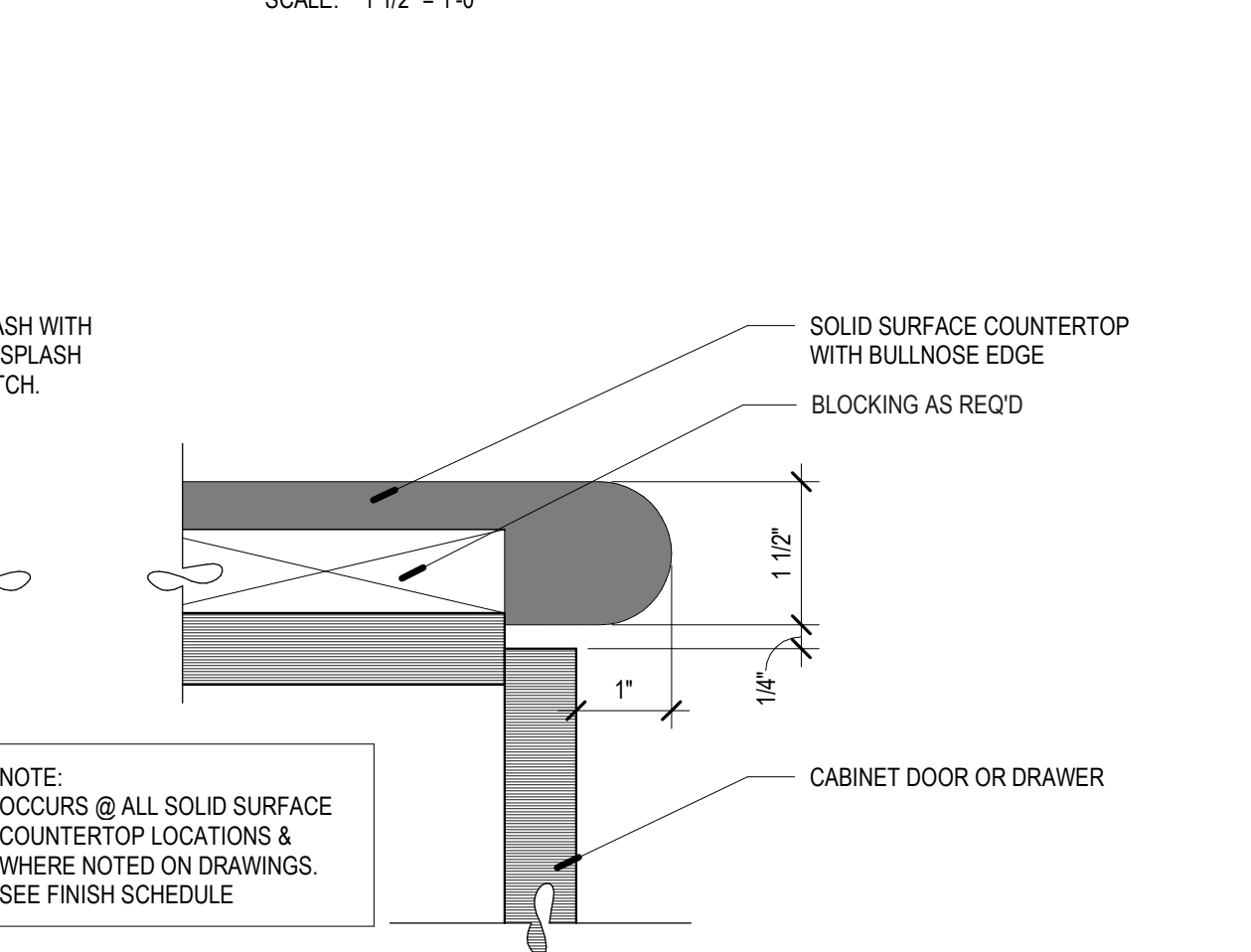
B5 COUNTERTOP - WALL HUNG
SCALE: 1 1/2" = 1'-0"



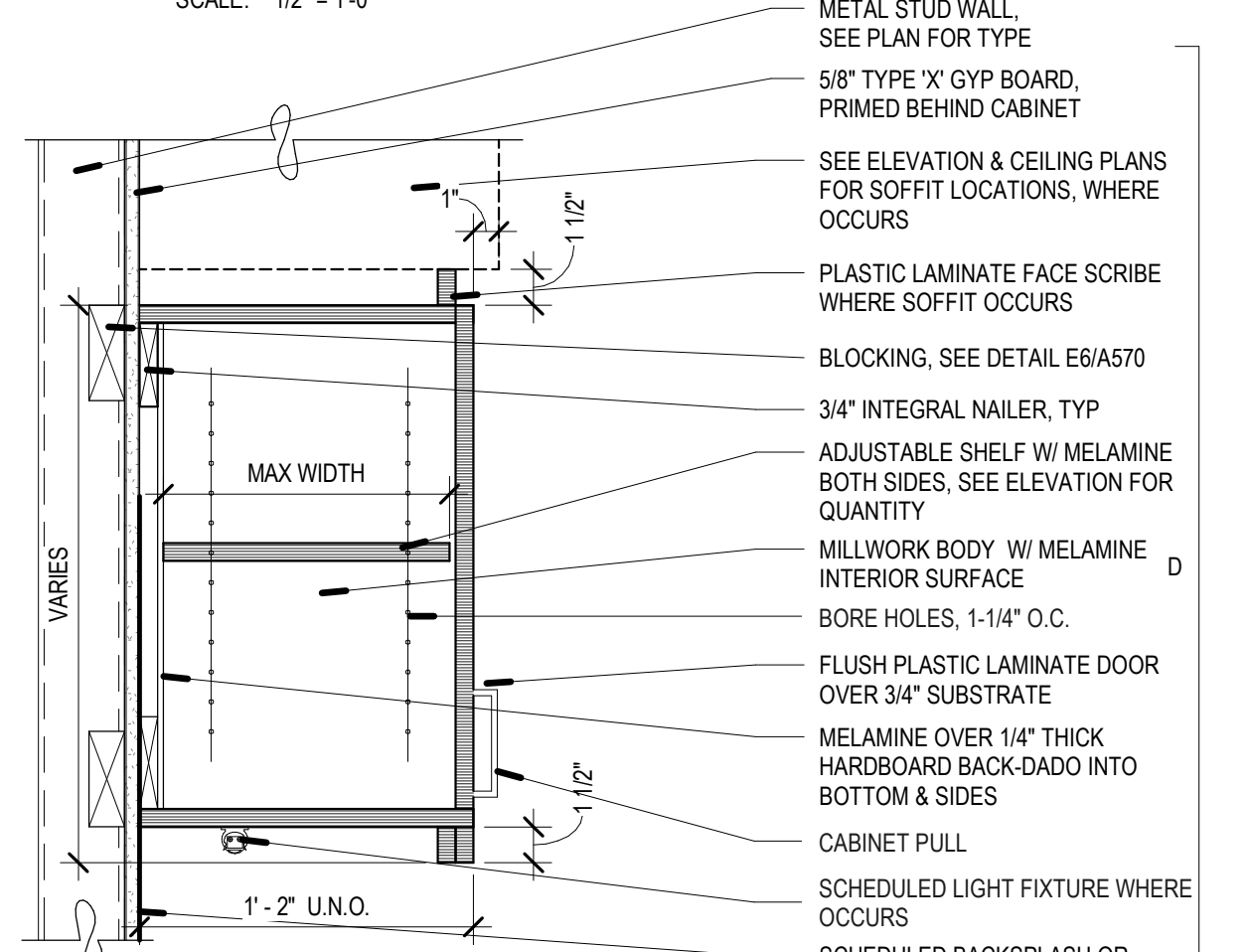
A4 BASE CABINET - SINK
SCALE: 1 1/2" = 1'-0"



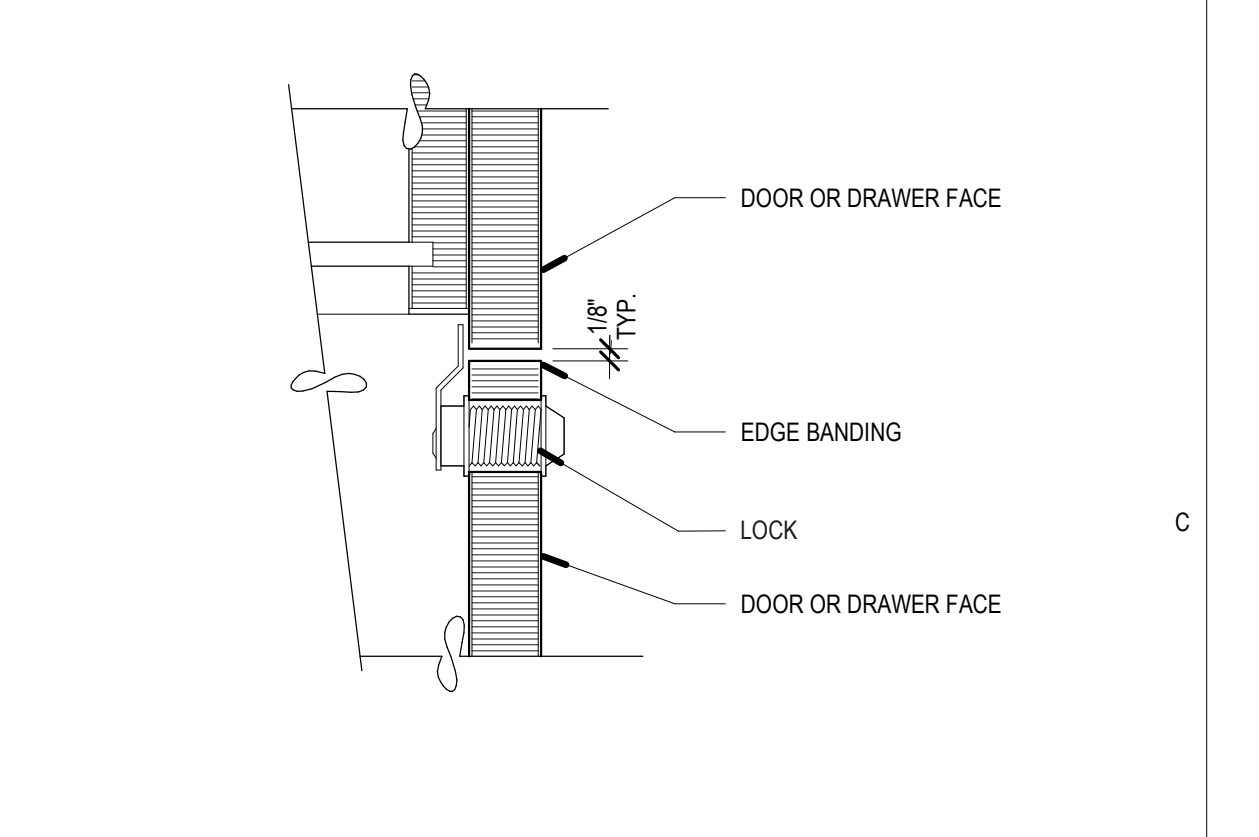
E5 BASE CABINET - PLAN
SCALE: 1 1/2" = 1'-0"



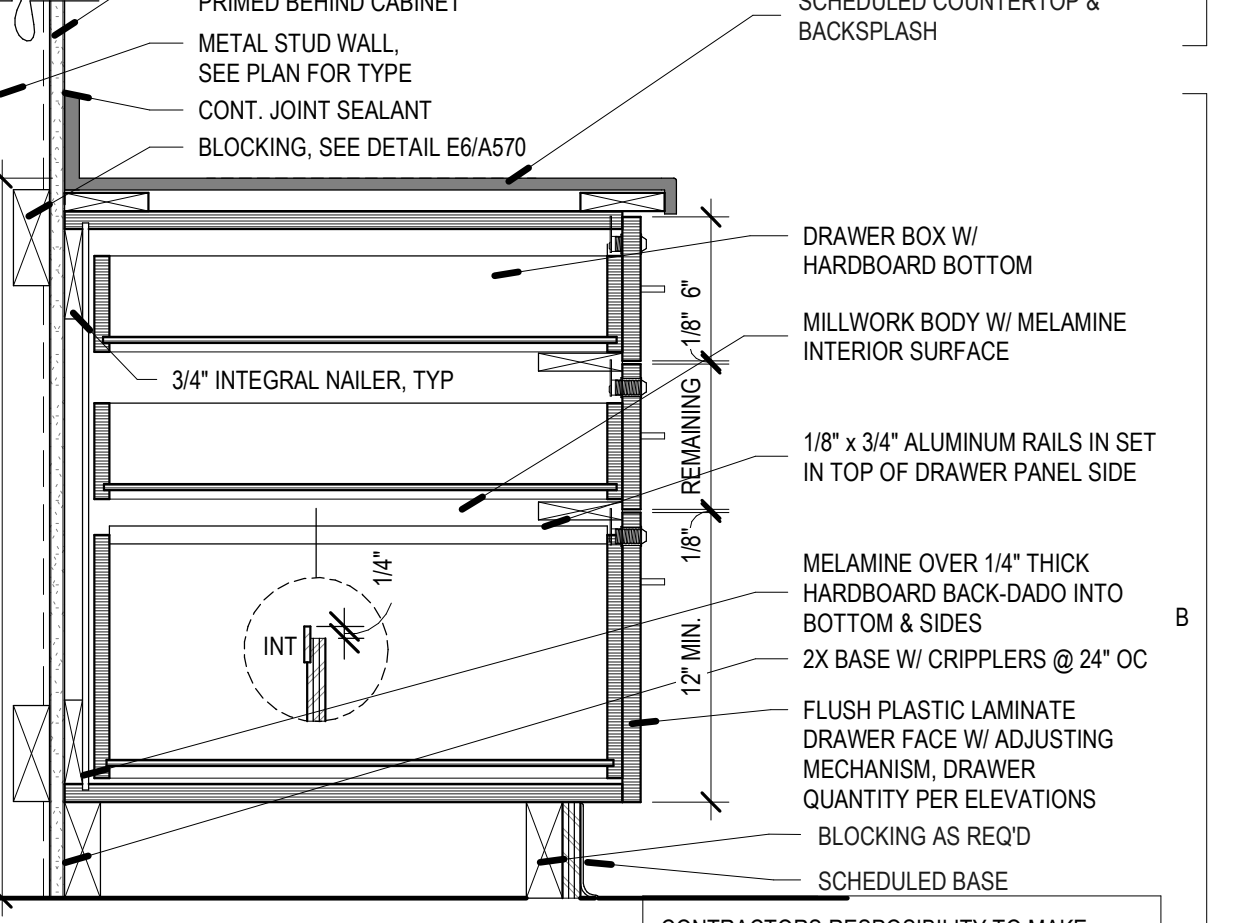
E6 MILLWORK ANCHOR - TYP
SCALE: 1 1/2" = 1'-0"



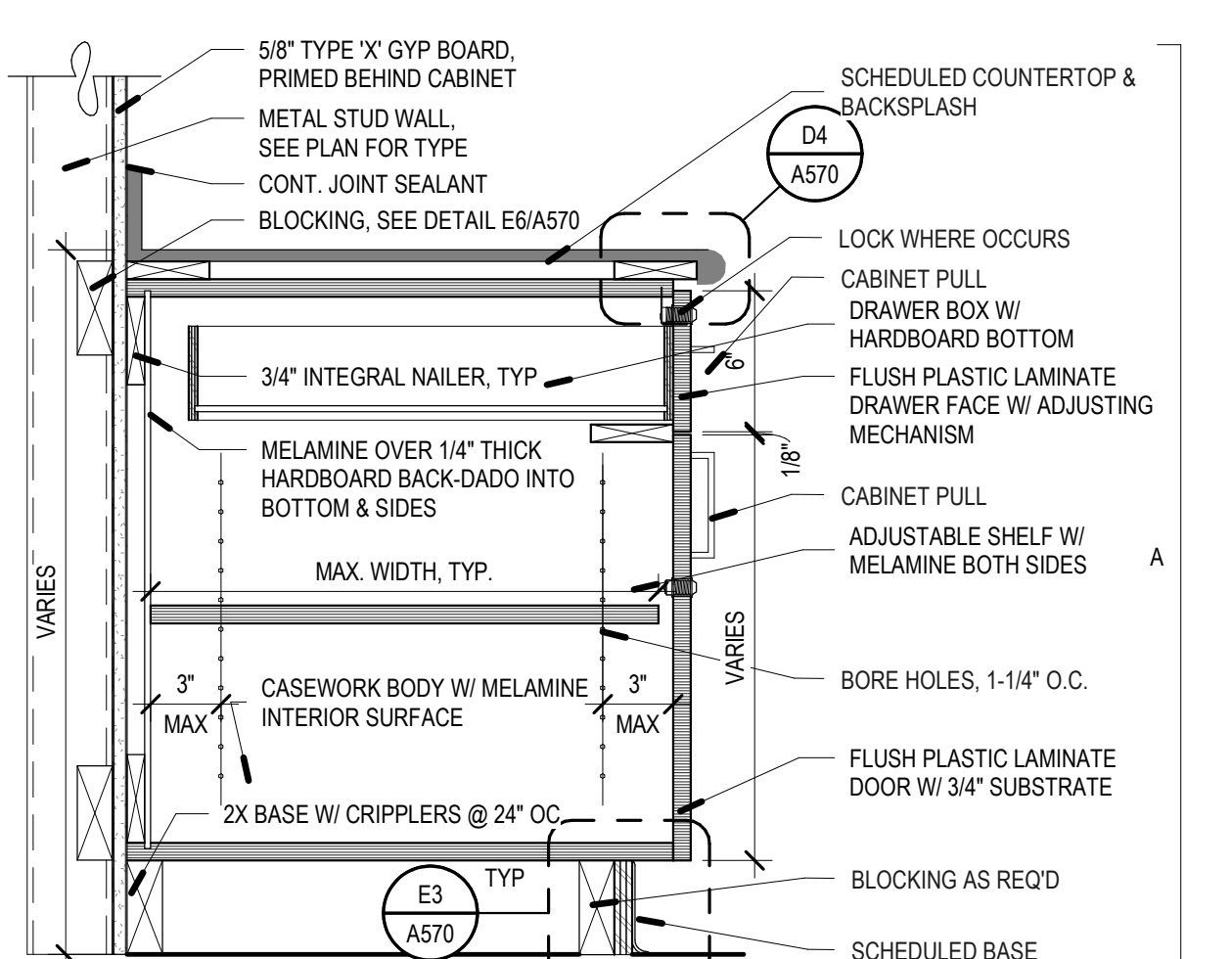
D6 UPPER CABINET - W011 / W021
SCALE: 1 1/2" = 1'-0"



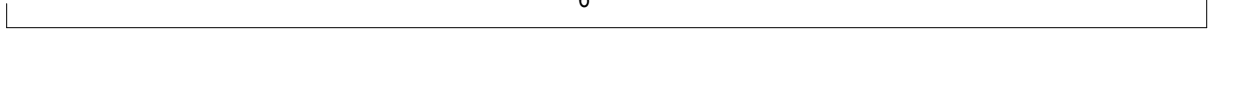
C4 LOCK - TYP
SCALE: 6" = 1'-0"



2 BASE CABINET - B300
SCALE: 1 1/2" = 1'-0"



A6 BASE CABINET - B111 / B221
SCALE: 1 1/2" = 1'-0"





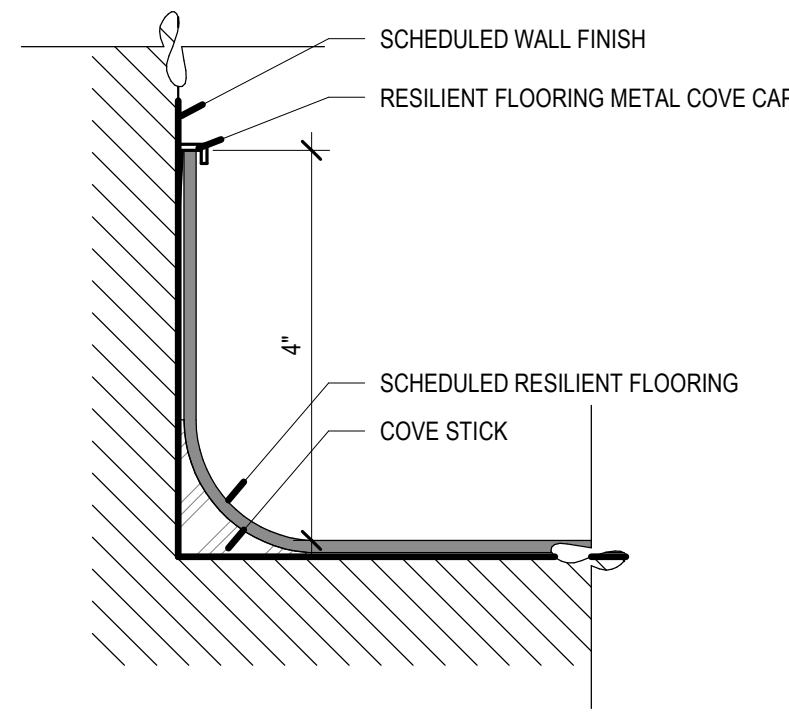
REV	DATE	DESCRIPTION
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VCBO NUMBER: 21690
CLIENT NUMBER: 10011354
DATE: 2021-09-14

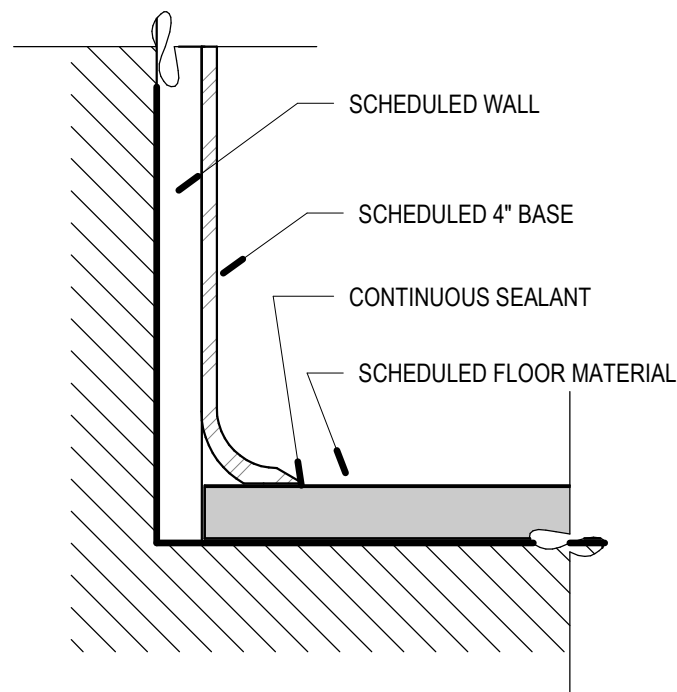
INTERMOUNTAIN WASATCH CANYONS - BUILDING "E"

REMODEL
INTERMOUNTAIN HEALTHCARE
5770 S 1500 W, TAYLORSVILLE, UT
CONSTRUCTION DOCUMENTS

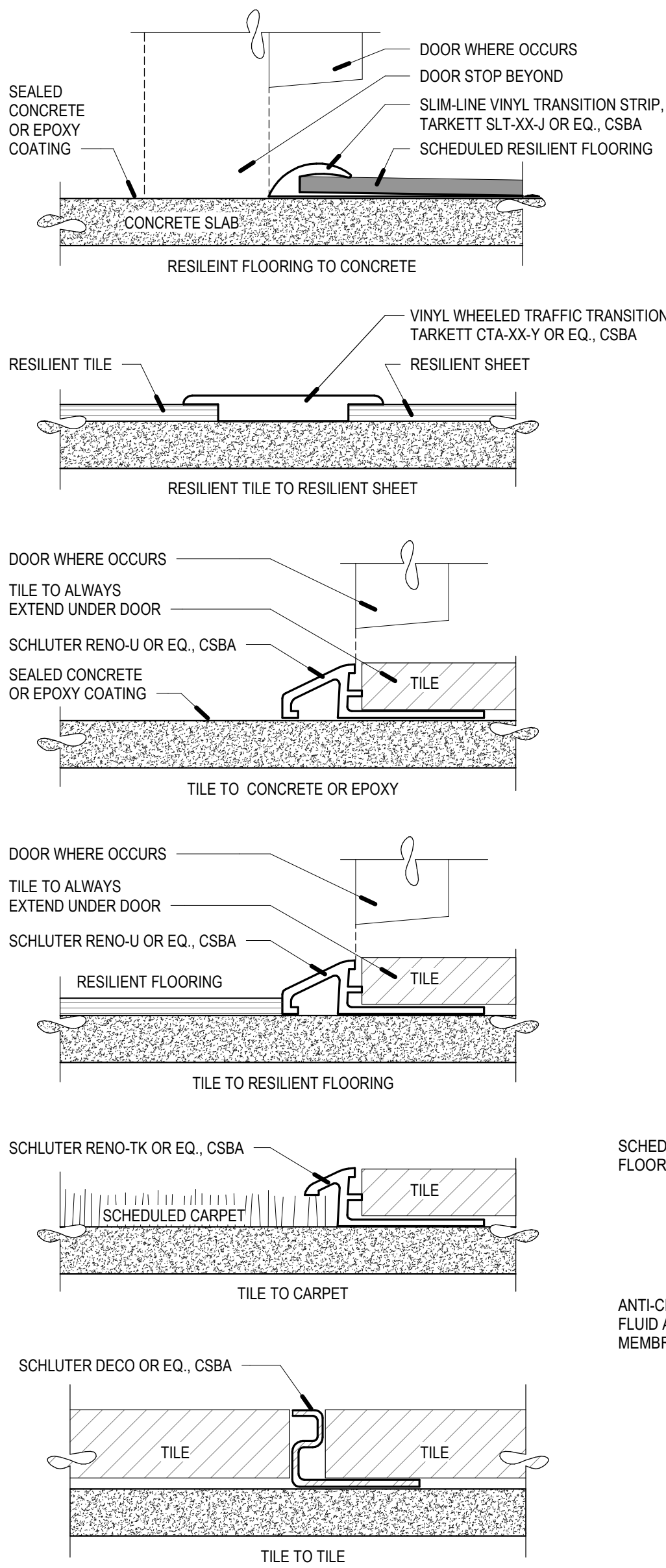
INTERIOR FINISH DETAILS



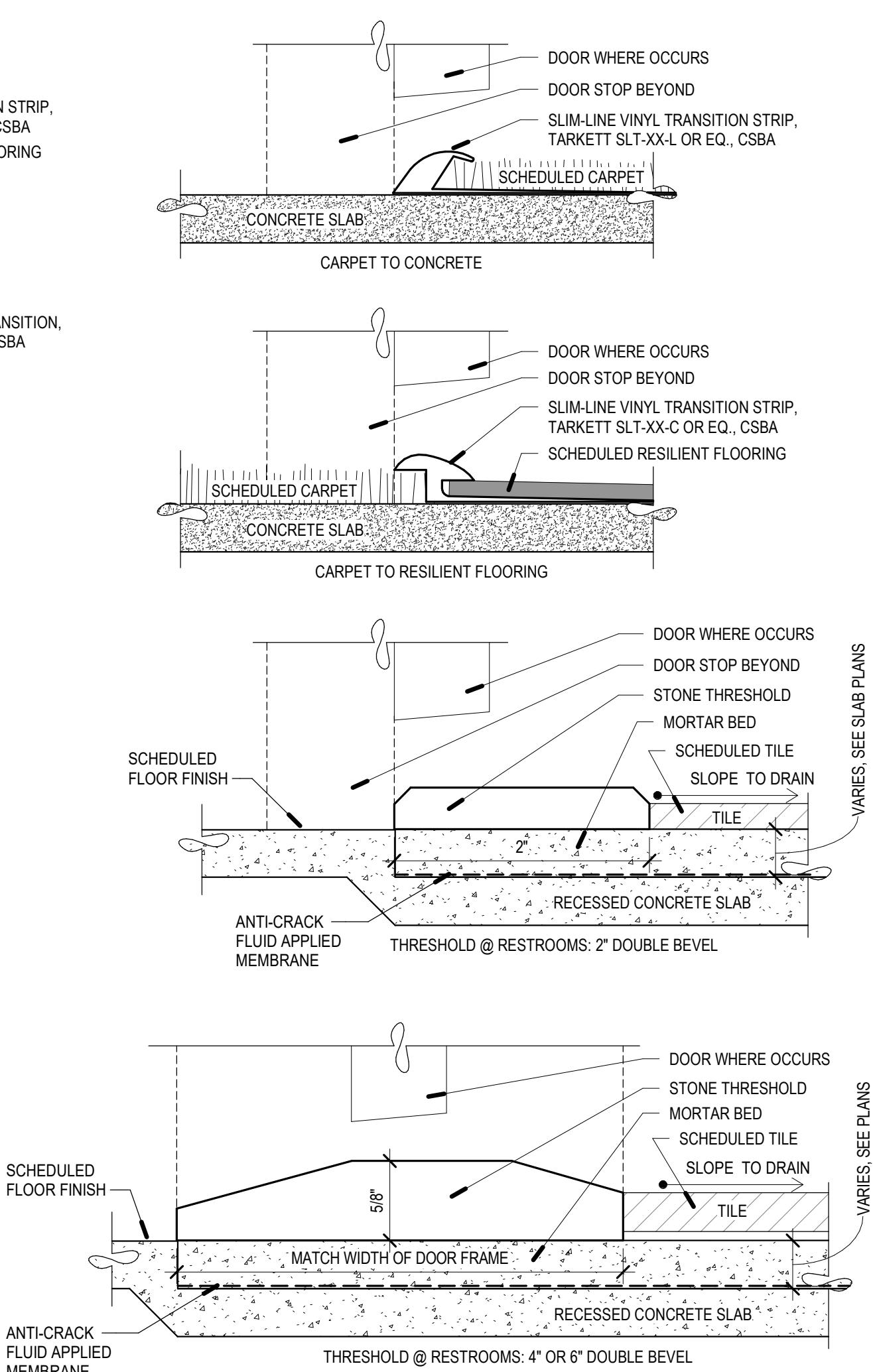
A1 TYPICAL INTEGRAL COVED BASE DETAIL
SCALE: 6" = 1'-0"



A3 TYPICAL COVED RUBBER BASE DETAIL
SCALE: 6" = 1'-0"



A5 FLOOR TRANSITION DETAILS
SCALE: 12" = 1'-0"



NOTES:
• THRESHOLD THICKNESS @ TILE SIDE IS TO MATCH THE THICKNESS OF THE TILE SYSTEM. MORE THAN ONE THICKNESS MAY BE REQUIRED. VERIFY THE THICKNESS OF ALL TILE TYPES.
• EXCEPT AT TILE TRANSITION OF FLOORING TO OCCUR WHERE THE DOOR CONTACTS THE DOOR FRAME.