INTERMOUNTAIN WASATCH CANYONS - BUILDING "E" REMODEL



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

ARCHITECTURE

OWNER

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		3	
ABBRE	EVIATIONS	NOT ALL	. ABBREVIATIONS MAY BE USED
& @	AND AT	LAV LB / LBS	LAVATORY POUND (S)
ACT ADJ AFF ALT AL / ALUM APPROX ARCH	ACOUSTICAL CEILING TILE ADJUSTABLE ABOVE FINISH FLOOR ALTERNATE ALUMINUM APPROXIMATE ARCHITECTURAL	MAT MAX MDF MECH MEMB MEZZ MFR MGR	MATERIAL (S) MAXIMUM MEDIUM DENSITY MECHANICAL MEMBRANE MEZZANINE MANUFACTURER MANAGER
BD BLDG BLK BO BRG BSMT BS BW	BOARD BUILDING BLOCK(ING) BOTTOM OF BEARING BASEMENT BOTH SIDES BOTH WAYS	MIN MIR MISC MO MTD MTL MW	MINIMUM MIRROR MISCELANEOUS MASONRY OPENING MOUNT (ED) METAL MICROWAVE
CAB CB CCSA CG CHAM	CABINET CATCH BASIN CUSTOM COLOR SELECTED BY ARCHITECT CORNER GUARD CHAMFER	N NIC NO. NOM NRC NTS	NORTH NOT IN CONTRACT NUMBER NOMINAL NOISE REDUCTION COEFFICIENT NOT TO SCALE
CJ CL CLG CLR CM COL COMP CONC CONT CMU CSBA	CONTROL JOINT CENTER LINE CEILING CLEAR CONSTRUCTION MANAGER COLUMN COMPUTER CONCRETE CONTINUOUS CONCRETE MASONRY UNIT COLOR SELECTED BY ARCHITECT	OC OD OFCI OFD OH OPG OPP OSB OZ	ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR INSTALLED OVERFLOW DRAIN OVERHEAD OPENING OPPOSITE ORIENTED STRAND BOARD OUNCE
CT D DB DBL DEPT DF DIA DIM DN DRN DTL/DET DW	CERAMIC TILE DEPTH DECK BEARING DOUBLE DEPARTMENT DRINKING FOUNTAIN DIAMETER DIMENSION DOWN DRAIN DETAIL DISHWASHER	PERI PERM PL PLAM PNI PNT P.O. PR PT PART PLY	PERIMETER PERMANENT PLATE PLASTIC LAMINATE PANEL PAINT (ED) POINT OF PAIR POST TENSIONED PARTITION PLYWOOD QUARRY TILE
DWG E (E) EA EIFS EJ ELEC ELEV EQ EQUIP EVAP EXIST EXP EXT EWC	DRAWING EAST EXISTING EACH EXTERIOR INSULATION SYSTEM EXPANSION JOINT ELECTRICAL ELEVATION EQUAL EQUIPMENT EVAPORATIVE EXISTING EXPANSION EXTERIOR ELECTRIC WATER COOLER	R / RAD RCP REC REF REFG REINF REM REPL REQD REV RM RO	RADIUS REFLECTED CEILING PLAN RECESSED REFERENCE REFRIGERATOR REINFORCE (ED) REMOVE (ED) REPLACE REQUIRED REVISION (S) ROOM ROUGH OPENING SOUTH SALVAGE (ED)
FA FD FDN FE FEC FG FH FIN FLR F.O. FT FRP FRT FTG FV	FIRE ALARM FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FINISH GRADE FIRE HYDRANT FINISHED FLOOR FACE OF FOOT, FEET FIBER REINFORCED PANEL FIRE RETARDANT TREATED WOOD FOOTING FIELD VERIFY	SECT SF SIM SLNT SPEC SQ SS STC STD STL STOR STRUC SUSP SYM	SECTION SQUARE FOOT SIMILAR SEALANT SPECIFICATION (S) SQUARE STAINLESS STEEL SOUND TRANSMISSION CLASS STANDARD STEEL STORAGE STRUCTURE (AL) SUSPENDED SYMMETRY (ICAL) THICKNESS
GA GALV GB GC GFRC GYP GWB	GAUGE GALVANIZED GRAB BAR GENERAL CONTRACTOR GLASSFIBER REINFORCED PANEL GYPSUM GYPSUM WALLBOARD	T & B T & G TBD TEMP THRU	TOP AND BOTTOM TONGUE AND GROOVE TO BE DETERMINED TEMPORARY THROUGH TOP OF TRANSFORMER TUBE STEEL TYPICAL
HB HC HDW HDF HM H	HOSE BIB HANDICAP ACCESSIBLE HARDWARE HIGH DENSITY FIBERBOARD HOLLOW METAL HEIGHT	UNF UNO VAR VB	UNFINISHED UNLESS OTHERWISE NOTED VARIES VAPOR BARRIER
HOR ID ICF IN	INSIDE DIAMETER INSULATED CONCRETE FORM INCH	VE VERT VEST VWC	VINYL COMPOSITION TILE VERTICAL VESTIBULE VINYL WALL COVERING
INCL INFO INT INSUL INV	INCLUDE INFORMATION INTERIOR INSULATE, (D), (ION) INVERT	W W W/ WC WD W/O	WEST WIDTH WITH WATER CLOSET WOOD WITHOUT
JST JT	JOIST JOINT	WSCT WWF	WAINSCOT WELDED WIRE FABRIC

UTILITY CONTACTS PROJECT TEAM JEREMY SMITH XXXXX XXXXXXXXXX ORGANIZATION INTERMOUNTAIN HEALTHCARE 36 SOUTH STATE STREET, SUITE 2300 ADDRESS SALT LAKE CITY, UT 84111 ADDRESS email@domain.com jeremy.smith@imail.com 000.000.000 385.215.4331 natural gas architect XXXXX XXXXXXXXX JEFF PINEGAR, AIA ORGANIZATION VCBO ARCHITECTURE ADDRESS 524 SOUTH 600 EAST SALT LAKE CITY, UT 84102 ADDRESS email@domain.com jpinegar@vcbo.com 000.000.000 801.575.8800 water/storm drain XXXXX XXXXXXXXX ORGANIZATION ADDRESS **ADDRESS** email@domain.com 000.000.000 sewer XXXXX XXXXXXXXX ORGANIZATION ADDRESS ADDRESS email@domain.com 000.000.000 telephone XXXXX XXXXXXXXXX ORGANIZATION ADDRESS ADDRESS email@domain.com 000.000.000 SHEET NUMBERING + NAMING THIS IS A QUICK REFERENCE GUIDE TO THE SHEET NUMBERING AND NAMING SYSTEM USED IN VCBO CONSTRUCTION DOCUMENTS. XX000.0 PLAN TYPE .0 SLAB PLAN .1 ANNOTATED PLAN .2 DIMENSION + WALL TYPE PLAN .3 FINISH PLAN .4 REFLECTED CEILING PLAN SEQUENCE DENOTES AREA SEQUENCE IN PLAN, AND NUMERIC SEQUENCE IN NON-PLAN SHEETS DENOTES LEVEL IN A MULTI-STORY BUILDING. ALSO

REFERENCE SYMBOL LEGEND **BUILDING SECTION**

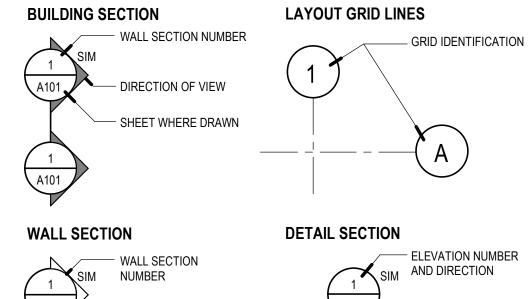
LAYOUT GRID LINES WALL SECTION NUMBER - DIRECTION OF VIEW — SHEET WHERE DRAWN

WALL SECTION / WALL SECTION SIM NUMBER A101 / DIRECTION OF VIEW

SHEET WHERE DRAWN INTERIOR ELEVATION

BECOMES A SEQUENCE NUMBER DENOTING DIVISIONS IN NON-PLAN SHEETS SHEET TYPE SEQUENCE 0 GENERAL NOTES + LEGENDS

1 FLOOR PLANS 2 ELEVATIONS 3 SECTIONS 4 ENLARGED PLANS, ELEVATIONS, SECTIONS 5 DETAILS 6 DOOR, WINDOW, OTHER SCHEDULES 7 SIGNAGE 8 USER DEFINED 9 3D DRAWINGS + PERSPECTIVES



LEVEL LINE / ELEVATION NUMBER AND DIRECTION

ROOM NAME AND NUMBER DRAWN **DETAIL REFERENCE** - SHEET WHEN DRAWN, HYPEN INDICATES DETAIL ON SAME SHEET

101 - DETAIL NUMBER WALL TYPE MARK - CONSTRUCTION TYPE - BY CSI DIVISION WALL TYPE 5A6 - 1 FIRE RATING NOMINAL SIZE SEE WALL TYPE SHEET FOR ADDITIONAL

FLOOR TRANSITIONS MARKER

ELEVATION MARKER

R: W? B? :B B: W?

F? :F L: W?

BASIC DRAWING TITLE

FINISH TAG

- TRANSITION SYMBOL

INFORMATION

ROOM NAME

SHEET WHERE

DRAWN

DRAWING TAGS REVISIONS TAG

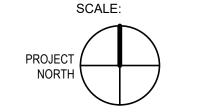
REVISION NUMBER

CEILING TAG — CEILING TYPE

WINDOW TAG — WINDOW MARKER

XXXX SHEET SYMBOLS

DRAWING TITLE



SHEET INDEX

SHEET NUMBER	SHEET NAME
GENERAL	
CV	COVER
G001	GENERAL INFORMATION + INDEX
G002	PROJECT & PRODUCT SPECIFICATIONS
G003	PROJECT & PRODUCT SPECIFICATIONS
G101	CODE + LIFE SAFETY
G301	TYP ANSI ACCESSIBILITY STANDARDS
DEMOLITION	
AD110	DEMOLITION PLAN - LEVEL 01
ARCHITECTURAL	-
ARCHITECTURAL	SITE OVERALL SITE PLAN
ARCHITECTURAL AS101	-
ARCHITECTURAL AS101 ARCHITECTURAL	-
ARCHITECTURAL AS101 ARCHITECTURAL A110.1	OVERALL SITE PLAN
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4 A110.6	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01 REFLECTED CEILING PLAN - LEVEL 01
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01 REFLECTED CEILING PLAN - LEVEL 01 PLUMBING PLAN
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4 A110.6 A110.7	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01 REFLECTED CEILING PLAN - LEVEL 01 PLUMBING PLAN ELECTRICAL PLAN
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4 A110.6 A110.7	OVERALL SITE PLAN ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01 REFLECTED CEILING PLAN - LEVEL 01 PLUMBING PLAN ELECTRICAL PLAN ENLARGED PLANS + ELEVATIONS
ARCHITECTURAL AS101 ARCHITECTURAL A110.1 A110.3 A110.4 A110.6 A110.7 A400 A500	ANNOTATED + DIMENSION PLAN - LEVEL 01 FINISH PLAN - LEVEL 01 REFLECTED CEILING PLAN - LEVEL 01 PLUMBING PLAN ELECTRICAL PLAN ENLARGED PLANS + ELEVATIONS WALL TYPES + GENERAL NOTES

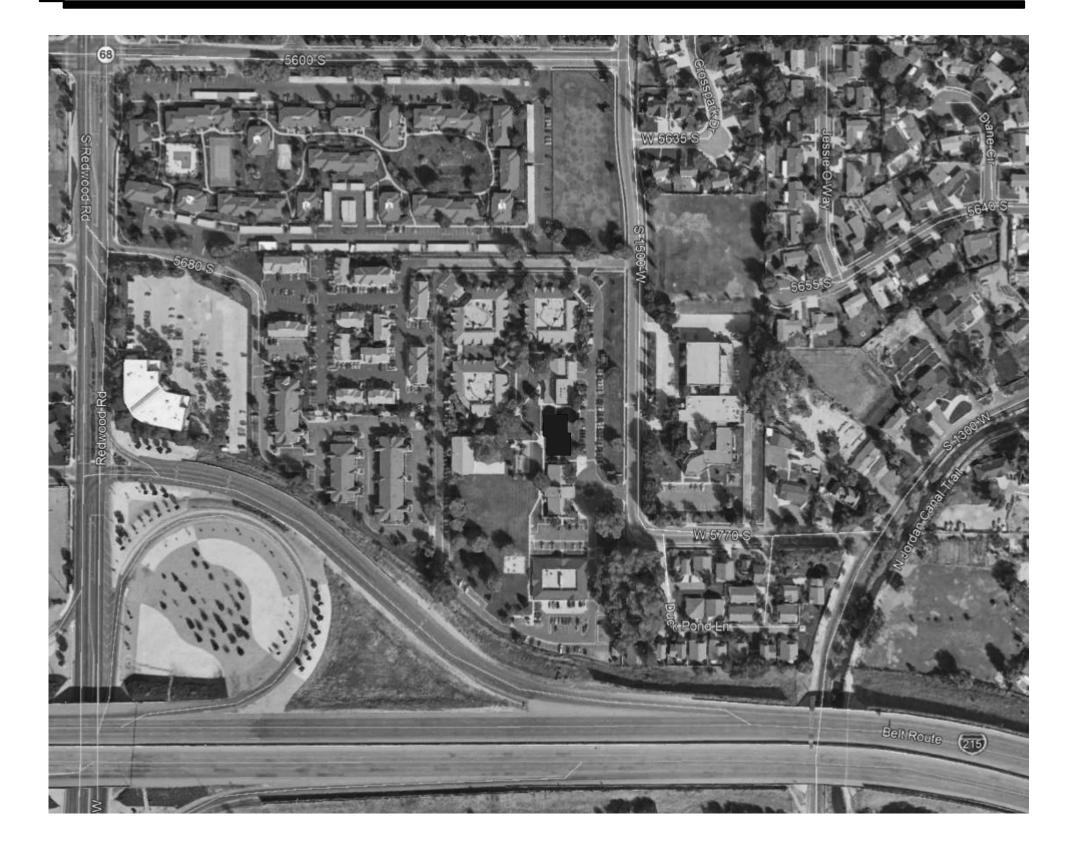
GENERAL NOTES

- 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 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.
- 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 117-1 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 05 OR WITH THE MILLWORK AT THE CONTRACTOR'S 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.

VICINITY MAP



524 SOUTH 600 EAST SALT LAKE CITY, UT 84102



REV DATE DESCRIPTION

VCBO NUMBER: **CLIENT NUMBER:** DATE:

10011354 2021-09-14

BUILDING **ANYONS**

C

ATCH

S

M

AN

QUALITY ASSURANCE A. **Demolition Firm Qualifications**: An experienced firm that has specialized in demolition work

similar in material and extent to 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 including, but not limited to, the following:

 Inspect and discuss condition of construction to be selectively demolished. 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.

A. Owner will 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 written permission from authorities having jurisdiction. C. Owner assumes no responsibility for condition of areas to be selectively demolished. . Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far

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 notify Architect and Owner. Hazardous materials will be removed by Owner under a

Storage or sale of removed items or materials on-site will not be permitted. F. Utility Service: Maintain existing utilities 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.

selective demolition required.

separate contract.

PROJECT CONDITIONS

1. If identical materials are unavailable or cannot be used for exposed surfaces, use materials that visually match existing adjacent surfaces 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 Verify that utilities have been disconnected and capped. B. Survey existing conditions and correlate with requirements indicated to determine extent of

C. Inventory and record the condition of items to be removed and reinstalled and items to be removed and salvaged. D. When unanticipated mechanical, electrical, or structural elements that conflict with intended function or design are encountered, investigate and measure the nature and extent of conflict. Promptly submit a written report to Architect. 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 structures during selective demolition operations. F. **Perform surveys** as the Work progresses to detect hazards resulting from selective demolition

UTILITY SERVICES A. **Existing Utilities**: Maintain services indicated to remain and protect them against damage during

selective demolition operations. 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 interruptions 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 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 utilities 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, or plug and seal remaining portion of pipe or conduit after bypassing.

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 old carpets prior to removal using a certified Carpet and Rug Institute (CRI) Green Label vacuum cleaner. Vacuum floor immediately after old carpet is removed. B. **Dust Control**: Use water mist, temporary enclosures, and other suitable methods to limit spread of dust and dirt. Comply with governing 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. Wet mop floors to eliminate trackable dirt and wipe down walls and doors of demolition enclosure. Vacuum carpeted areas.

Disposal: Remove and transport debris in a manner that will prevent spillage on adjacent surfaces 1. 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 structures and improvements of dust, dirt, and debris caused by selective demolition operations. Return adjacent areas to condition existing before selective demolition operations

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 2. Neatly cut openings and holes plumb, square, and true to dimensions required. Use cutting methods least likely to damage construction to remain or adjoining construction. Use hand tools or small power tools designed for sawing or grinding, not hammering and chopping, to minimize disturbance of adjacent surfaces. Temporarily cover openings to remain.

finished surfaces. 4. Do not use cutting torches 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 devices during flame-cutting operations. Maintain adequate ventilation when using cutting torches.

Cut or drill from the exposed or finished side into concealed surfaces to avoid marring existing

6. Remove decayed, vermin-infested, or otherwise dangerous or unsuitable materials and promptly dispose of off-site. 7. Remove structural framing members and lower to ground by method suitable to avoid free fall and to prevent ground impact or dust generation 8. Locate selective demolition equipment and remove debris and materials so as not to impose

excessive loads on supporting walls, floors, or framing. 9. Dispose of demolished items and materials promptly. 10. Return elements of construction and surfaces 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

entries, and other building facilities during selective demolition operations. C. Removed and Salvaged Items: Comply with the following: Clean salvaged items. Pack or crate items after cleaning. Identify contents of containers.

Transport items to Owner's storage area designated by Owner.

Store items in a secure area until delivery to Owner.

5. Protect items from damage during transport and storage. D. Removed and Reinstalled Items: Comply with the following: 1. Clean and repair items to functional condition adequate for intended reuse. Paint equipment to match new equipment.

2. Pack or crate items after cleaning and repairing. Identify contents of containers. Protect items from damage during transport and storage. 4. Reinstall items in locations indicated. Comply with installation requirements for new materials

and equipment. Provide connections, supports, and miscellaneous materials necessary to make item functional for use indicated. E. Existing Items to Remain: Protect construction indicated to remain against damage and soiling during selective demolition. When permitted by Architect, items may be removed to a suitable, protected

storage location during selective demolition and cleaned and reinstalled in their original locations after F. Concrete: Neatly core drill openings in existing floor - verify locations of services in suspended slab and below before any cutting.

PATCHING AND REPAIRS

A. **General**: Promptly repair damage to adjacent construction caused by selective demolition B. **Repairs**: Where repairs to existing surfaces are required, patch to produce surfaces suitable for new

1. Completely fill holes and depressions in existing masonry walls that are to remain with an approved masonry patching material applied according to manufacturer's written recommendations. Finishes: Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing. D. Floors and Walls: Where walls or partitions that are demolished extend one finished area into another, patch and repair floor 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. 1. Patch with durable seams that are as invisible as possible. Provide materials and comply with installation requirements specified in other Sections of these Specifications. 2. Skim coat entire wall surface with drywall compound to provide smooth, unblemished substrate for new paint finish.

3. Where patching occurs in a painted surface, apply primer and intermediate paint coats over patch and apply final paint coat over entire unbroken surface containing patch. Provide additional coats until patch blends with adjacent surfaces.

4. Test and inspect patched areas after completion to demonstrate integrity of installation. E. **Ceilings**: Patch, repair, or rehang existing ceilings as necessary to provide an even-plane surface of uniform appearance. Replace damaged ceiling panels with new panels, matching existing.

DISPOSAL OF DEMOLISHED MATERIALS A. **General**: Promptly dispose of demolished materials. Do not allow demolished materials to

accumulate on-site. B. **Burning**: Do not burn demolished materials. C. **Disposal**: Transport demolished materials off Owner's property and legally dispose of them. SECTION 06 4023 INTERIOR ARCHITECTURAL WOODWORK

WOODWORK FABRICATORS A. **Fabricators**: Subject to compliance with requirements of Contract Documents, provide interior architectural woodwork by one of the following:

Huetter Mill and Cabinet Company. Granite Mill and Fixture Company. Swainston Mill. Johnson Brothers.

6. Pacific Cabinets, Inc. of Ferdinand, ID. Fondell Woodwork. Artistic Mill Masterpiece Commercial Millwork

Boswell Wasatch Mill

10. Other mills may submit for approval no later than 10 days before the date for receipt of bids. Mills need not be members of AWI or WI to receive consideration, however, quality shall conform to

levels outlined in these specifications. B. Acceptable Laminate Manufacturers: Subject to compliance with requirements of Contract Documents, provide products listed below. If not listed, submit as a substitution according to Conditions of the Contract and the requirements of Division 1 Sections. Wilsonart

2. Formica.

A. General: Provide materials that comply with requirements of the AWI quality standard for each type of woodwork and quality grade indicated and, where the following products are part of interior woodwork, with requirements of the referenced product standards that apply to product characteristics indicated:

> Hardboard: AHA A135.4. 2. Particleboard: ANSI A208.1, Grade M-2, made with phenol-formaldehyde resins (no urea

3. Softwood Plywood: PS 1. 4. Hardwood Plywood and Face Veneers: HPVA HP-1. a. Select white maple, plain sliced.

1. Substrate: Medium-density particleboard.

B. High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated, or if not indicated, as required by woodwork quality standard. C. Adhesive for Bonding Plastic Laminate: Contact cement. D. Thermoset Decorative Overlay: Decorative surface of thermally fused polyester or melamineimpregnated web, bonded to specified substrate and complying with ALA 1992.

MANUFACTURED UNITS

1. Quality Standard: Comply with AWS Section 10, Custom grade, flush overlay design and the

2. Vertical Surface High Pressure Plastic Laminate: a. High pressure plastic laminate for exterior surfaces shall be NEMA vertical grade 0.028 inch thickness, satin finish. Colors are to be selected from manufacturer's full color selection, including polished mirror types. Cabinet fronts for each individual cabinet shall be one color

b. Balancing sheet on inside of doors, drawer fronts and finished ends shall be high pressure plastic laminate cabinet liner matching cabinet interior. 3. Horizontal Surface High Pressure Plastic Laminate: High pressure plastic laminate for countertops and other horizontal surfaces shall be post-forming grade 0.039 inch thickness, satin

finish. Colors to be selected from manufacturer's full color selection. 4. Thermo-Fused Melamine to Particle Board: a. Melamine thermo-fused to a 45 pound density, or better particle board substrate. Color shall be almond.

b. Almond colored melamine shall be standard for all cabinet interiors whether exposed or semi-exposed. Hardboard: a. Hardboard for dividers shall be 1/4 inch tempered hardboard smooth both sides. Color

b. Hardboard exposed one side for cabinet backs and drawer bottoms shall be 1/4 inch thick and pre-finished one side to match cabinet interiors. 6. Laminate Grade for Exposed Surfaces: Provide laminate cladding complying with the following requirements for type of surface and grade.

a. Horizontal Surfaces Other Than Tops: GP-50 (0.050 inch nominal thickness). Postformed Surfaces: PF-42 (0.039 inch nominal thickness). Colors: As indicated on Finish Schedule. 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 a 3mm radius and scraped free from machining or chatter marks. Color shall be as selected by Architect from manufacturers full color range.

MISCELLANEOUS MATERIALS A. Adhesives, General: Adhesives shall not contain urea formaldehyde.

shall be dark brown.

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.

. **Hinges**: Salice, Series 200, 165 degree, self-closing hinges. a. Doors under 48 inches in height: 2 hinges per door. . Doors over 48 inches in height: 3 hinges per door. **Drawer Slides:** KV Tru-Trac 100, full extension ball-bearing slides; 100 pound class.

Pulls: Sugatsune/Lamp MRB-L, 24 mm D x 21 mm H; satin nickel finish. 4. Adjustable Shelf Supports: KV 255 pilaster standards; KV 256 shelf supports, vertically adjustable in 1/2 inch increments; zinc finish. 5. **Locks**: CompX National disc tumbler cylinder cam locks; overlay configuration; coordinate keying system with Owner. 6. Shelf Standards and Brackets:

 a. Standards - KV 87 heavy duty; anochrome finish. b. Brackets - KV 187 heavy duty; anochrome finish.

 c. Sizes: As shown on Drawings. 7. Workstation and Countertop Brackets: A & M Hardware, sizes as shown on Drawings; finish as selected by Owner. 8. Screws: Reed and Prince square drive screws. Standard wood screws and sheet metal

screws are not acceptable. 9. Cable Grommets: American Hardware Supply, Inc., "Round Economy Grommet with Cover; 48 mm bore hole, 15 mm D, 60 mm overall; textured black finish.

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 B18.6.1

 For metal framing supports, provide screws as recommended by metal-framing manufacturer. B. Nails: Select material, type, size, and finish required for each use. Comply with FS FF-N-105 for applicable requirements. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide nonferrous metal or hot-dip galvanized anchors and inserts on inside face of exterior walls and

drilled-in-place anchors. **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 precut, where possible, to receive hardware and other items and work. 3. Edges: Ease edges to a 1/16 inch radius, for corners of cabinets and edges of solid wood (lumber) members less than 1 inch in nominal thickness, 1/8 inch radius for edges of rails and similar

elsewhere as required for corrosion resistance. Provide toothed steel or lead expansion bolt devices for

members over 1 inch in nominal thickness. 4. Pre-assembly: Complete fabrication, assembly, finishing, hardware application, and other work before shipment to project site to maximum extent possible. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting. 5. 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 cutoffs and, where located in countertops and similar exposures seal edges of cutouts with a waterresistant coating. 6. Door and drawer fronts: Doors, drawer fronts, and false fronts shall be flush overlay. They shall align vertically and horizontally and be on the same plane as one another. Shall be installed

free of: warp, twisting, cupping, and/or bowing that cannot be held true; open joints, visible machine marks, cross-sanding, tear-outs, nicks, chips, and/or scratches.

COMPONENT CONSTRUCTION

A. **Toe Kicks**: Fixed cabinet bases shall be constructed of 3/4 inch exterior grade oriented strand board with 2x fir stringers 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 casework. Rubber, vinyl, or other finished base shall be furnished and installed by others.

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. . Case Body:

Ends: Case ends shall be 3/4 inch fused melamine laminated to thermo-fused melamine to core material with phenolic backer on concealed side. Exposed exterior cabinet ends shall be laminated with vertical grade high pressure plastic laminate. Exposed edges shall be edges with 0.020 inch PVC edge-banding. Holes 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 core material and phenolic backer sheets 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 except as noted below. Melamine thermo-fused to core material when semi-exposed. Provide plastic laminate if exposed to view. 1) Provide bottoms of upper cabinets with a 50 lb per sq ft load capacity.

2) Provide with thickness of 1 inch minimum when made with particleboard core and are 42 inch and over in length. c. All exposed edges shall be banded with 0.020 inch PVC edge-banding. 3. Adjustable Shelves: a. Load is the total applied weight, uniformly dispersed on an individual shelf, not to exceed

200 lbs on any one shelf. Provide, per the AWS standards, the following load capacities: 1) 50 lbs per sq ft for school, hospital, and library or book shelving. 40 lbs per sq ft for all other shelving b. Deflection is the measured distance from a straight line that a shelf will deflect under load. 1) L/144 (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

SECTION 06 4023 INTERIOR ARCHITECTURAL WOODWORK (continues)

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. d. 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. e. All exposed edges shall be banded with 0.020 inch thick PVC. f. All shelves to be adjustable on 32mm, 1 1/4 inch centers.

Cabinet Backs: a. 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. b. Exposed back shall be 1/2 inch thick with melamine thermo-fused to core material on interior, and high pressure plastic laminate on exterior surface. The 1/2 inch is backed up with 4 inch x 1/2 inch hanging cleats on the back side. c. Cabinet backs shall be dadoed or plowed in into top, bottom and sides, with a minimum shoulder of 3/8 inch, shall be securely nailed or stapled to the case body at a maximum of 4

d. Hanging cleats will be mounted on backs for installation purposes, one top and one bottom in wall and base cabinets. Three rails will be used for all tall cabinets. Doors and Drawer Fronts: Plastic Laminate Doors and Drawer Fronts: Plastic laminate doors and drawer fronts shall be 3/4 inch thick for all hinged and sliding doors with vertical grade high pressure plastic laminate exterior face and color cabinet liner on interior face white.

 Core material to be 11/16 inch thick. Drawers: 1. Drawer box sides, backs, and sub-fronts shall be 5/8 inch thick with melamine thermo-fused to 45 lb density particle board. Exposed edges of box shall be banded with 0.020 inch thick PVC. 2. Drawer bottoms shall be 1/4 inch thick pre-finished hardboard shall be dadoed or plowed in into the sides, back and sub-front. B. File and Paper storage drawers shall be fitted with a hood at back for paper retainage, and shall have a 1/2 inch thick reinforced bottom dadoed or plowed in into the sides, back and sub-front. 4. Drawer fronts shall be mounted with an adjusting mechanism to allow full adjustability and

alignment in field. Vertical and Horizontal Dividers: a. Vertical and horizontal dividers shall be 1/4 inch tempered hardboard smooth both sides or 3/4 inch thermo-fused melamine mounted to 45 lb density particle board as required by cabinet construction requirements

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 components shall be doweled into ends using 10mm hardwood dowels 4 inch on center maximum, securely glued. First dowel to be spaced a maximum of 1-15/16 inch from each edge or 3. Drawer bodies shall be box type construction with detachable drawer fronts. Joints shall be securely fastened with hardwood dowels and glue.

SOLID-SURFACING-MATERIAL COUNTERTOPS A. **Quality Standard:** Comply with AWS Section 11 requirements for countertops.

Grade: Premium. B. Solid-Surfacing-Material Thickness: 1/2 inch. Colors, Patterns, and Finishes: Provide materials and products that result in colors of solidsurfacing material complying with the following requirements:

As indicated on Legend-Finish Schedule or, if not indicated, as selected by Architect from manufacturer's full range including colors and patterns from all price ranges. . Fabricate tops in one piece, unless otherwise indicated. Comply with solid-surfacing-material manufacturer's written recommendations for adhesives, sealers, fabrication, and finishing. Fabricate tops with shop-applied edges of materials and configuration indicated.

Fabricate tops with shop-applied backsplashes. E. Solid Surface Sink: 1. Basis of Design: Contract Documents are based on product specified below to establish a standard of quality. Other manufacturers 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.

EXECUTION

a. Manufacturer: Corian

b. Product: 7418 Lavatory; Color – Glacier White

PREPARATION 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 packin

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).

 Scribe and cut woodwork to fit adjoining work and refinish cut surfaces or repair damaged finish at 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 filled flush with woodwork and matching final finish where transparent finish is 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 unencumbered operation. Complete the installation of hardware and accessory items as indicated.

1. Install cabinets with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight E. **Tops**: Anchor securely to base units and other support systems as indicated. Calk space between backsplash and wall with specified sealant. Install countertops with no more than 1/8 inch in 96-inch sag, bow, or other variation from a

Secure backsplashes to tops with concealed metal brackets at 16 inches o.c. 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

Clean woodwork on exposed and semiexposed surfaces. Touch up shop-applied finishes to restore damaged or soiled areas. PROTECTION

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 09 2216 NON-STRUCTURAL METAL FRAMING NON-STRUCTURAL METAL FRAMING, GENERAL

A. **Framing Members, General**: Comply with ASTM C 754 for conditions indicated. 1. Steel Sheet Components: Comply with ASTM C 645 requirements for metal, unless otherwise SUSPENSION SYSTEM COMPONENTS

A. **Tie Wire**: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 16 gauge 0.0625-inch- diameter wire, or double strand of 18 gauge (0.0475-inch) diameter wire. B. Hanger Attachments to Concrete: 1. Powder-Actuated Fasteners: Suitable for application indicated, fabricated from corrosionresistant materials with clips or other devices for attaching hangers of type indicated, and capable of sustaining, without failure, a load equal to 10 times that imposed by construction as determined by

testing according to ASTM E 1190 by an independent testing agency. Wire Hangers: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.162-inch diameter. **Flat Hangers**: Steel sheet, minimum 1 x 3/16 inch by length indicated. Carrying Channels: Cold-rolled, commercial-steel sheet with a base-metal thickness of 16 gauge (0.0538 inch) and minimum 1/2-inch- wide flanges.

1. Depth: Minimum 1-1/2 inches. F. Furring Channels (Furring Members): 1. Hat-Shaped, Rigid Furring Channels: ASTM C 645, 7/8 inch deep.

a. Minimum Base Metal Thickness: Minimum 22 gauge. Resilient Furring Channels: 1/2-inch- deep members designed to reduce sound transmission. a. Subject to compliance with requirements of Contract Documents, products which may be incorporated in the Work include but are not limited to:

1) ClarkDietrich Building Systems; RC Deluxe (RCSD) Resilient Channel. STEEL FRAMING FOR FRAMED ASSEMBLIES A. Steel Studs and Runners: ASTM C 645. Minimum Base-Metal Thickness: Minimum 20 gauge (0.0296 inch); 33 ksi.

B. Equivalent Gauge Steel Studs and Runners: ASTM C 645 Minimum Base-Steel Thickness: 0.019 inch: 65 ksi. C. Slip-Type Head Joints: **Deflection Track**: Steel sheet top runner manufactured 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

a. 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); VertiClip SLD/VertiTrack VTD Series. ClarkDietrich Building Systems, BlazeFrame or MaxTrak Slotted Deflection Track. . Flat Strap Backing Plate: Steel sheet for blocking and bracing in length and width indicated. Minimum Base-Metal Thickness: Minimum 16 gauge.

Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and

Option (at Contractor's discretion): Proprietary fire-retardant wood blocking and bracing; ClarkDietrich Fire-Retardant Treated Wood Blocking Plate, D16F/D24F. . Cold-Rolled Channel Bridging: 16 gauge bare-steel thickness, with minimum 1/2-inch wide

Depth: Minimum 1-1/2 inches. Clip Angle: Not less than 1-1/2 by 1-1/2 inches, 14 gauge thick, galvanized steel. **AUXILIARY MATERIALS** A. **General**: Provide auxiliary materials that comply with referenced installation standards.

EXECUTION EXAMINATION A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames,

framing members. Frame both sides of joints independently.

performance.

other properties required to fasten steel members to substrates.

1. Proceed with installation only after unsatisfactory conditions have been corrected. **INSTALLATION, GENERAL** A. Installation Standard: ASTM C 754. 1. Gypsum Board Assemblies: Also comply with requirements in ASTM C 840 that apply to framing installation. B. **Blocking**: Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, cabinets and casework, or similar construction. Bracing: Install bracing at terminations in assemblies.

Expansion Joints: Do not bridge building control and expansion joints with non-load-bearing steel

cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting

SECTION 092216 NON-STRUCTURAL METAL FRAMING (continues)

C. Suspend hangers from building structure as follows:

INSTALLING 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 structure where they abut or are penetrated by building structure to prevent transfer of loading imposed by structural movement.

> 1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structural or suspension system. a. Splay hangers only where required to miss obstructions and offset resulting horizontal forces by bracing, countersplaying, or other equally effective means. 2. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with locations of hangers required to support standard suspension system members,

install supplemental suspension members and hangers in the form of trapezes or equivalent devices. a. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced installation standards. 3. Wire Hangers: Secure by looping and wire tying, either directly to structures or to inserts, eye screws, or other devices and fasteners that are secure and appropriate for substrate, and in a manner that will not cause hangers to deteriorate or otherwise fail. 4. Flat Hangers: Secure to structure, including intermediate framing members, by attaching to

inserts, eye screws, or other devices and fasteners that are secure and appropriate for structure and

hanger, and in a manner that will not cause hangers to deteriorate or otherwise fail. Do not attach hangers to steel roof deck. 6. Do not attach hangers to permanent metal forms. Furnish cast-in-place hanger inserts that extend through forms. 7. Do not attach hangers to rolled-in hanger tabs of composite steel floor deck.

F. Grid Suspension Systems: Attach perimeter wall track or angle where grid suspension systems meet vertical surfaces. Mechanically join main beam and cross-furring members to each other and buttcut to fit into wall track. G. Installation 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

Seismic Bracing: Sway-brace suspension systems with hangers used for support.

8. Do not connect or suspend steel framing from ducts, pipes, or conduit.

D. Fire-Resistance-Rated Assemblies: Wire tie furring channels to supports.

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 tracks (runners) 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.

produce joints at tops of framing systems that prevent axial loading of finished assemblies. 2. Door Openings: Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs. a. Install two studs at each jamb or provide 16 gauge studs at door openings, unless otherwise indicated. b. Install cripple studs at head adjacent to each jamb stud, with a minimum 1/2-inch

1. Slip-Type Head Joints: Where framing extends to overhead structural supports, install to

clearance from jamb stud to allow for installation of control joint in finished assembly. c. Extend jamb studs through suspended ceilings and attach to underside of overhead 3. Other Framed Openings: Frame openings other than door openings the same as required for door openings, unless otherwise indicated. Install framing below sills of openings to match framing required above door heads. 4. Fire-Resistance-Rated Partitions: Install framing to comply with fire-resistance-rated assembly

indicated and support closures and to make partitions continuous from floor to underside of solid 5. Sound-Rated Partitions: Install framing to comply with sound-rated assembly indicated. Curved Partitions: a. Bend track to uniform curve and locate straight lengths so they are tangent to arcs.

straight lengths of not less than 2 studs at ends of arcs, place studs 6 inches o.c. D. Direct Furring: 1. Attach to concrete or masonry with stub nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches on center

b. Begin and end each arc with a stud, and space intermediate studs equally along arcs. On

1. Erect insulation (specified in Division 7 Section "Building Insulation") vertically and hold in place with Z-furring members spaced 24 inches on center Except at exterior corners, securely attach narrow flanges of furring members to wall with concrete stub nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 3. At exterior corners, 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 web 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

B. Type X:

PANELS, GENERAL A. Size: Provide in maximum lengths and widths available that will minimize joints in each area and that correspond with support system indicated

INTERIOR GYPSUM BOARD A. General: Complying with ASTM C 36/C 36M or ASTM C 1396/C 1396M, as applicable to type of gypsum board indicated and whichever is more stringent. 1. 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: a. American Gypsum Co. b. G-P Gypsum. c. National Gypsum Company. d. PABCO Gypsum.

e. USG Corporation.

Thickness: 5/8 inch. Long Edges: Tapered. TRIM ACCESSORIES A. Interior Trim: ASTM C 1047.

Material: Galvanized or aluminum-coated steel sheet or rolled zinc. Shapes: Cornerbead. b. Bullnose bead. c. LC-Bead: J-shaped; exposed long flange receives joint compound.

d. L-Bead: L-shaped; exposed long flange receives joint compound.

e. U-Bead: J-shaped; exposed short flange does not receive joint compound. f. Expansion (control) joint. g. Curved-Edge Cornerbead: With notched or flexible flanges. JOINT TREATMENT MATERIALS

A. **General:** Comply with ASTM C 475/C 475M. B. Joint Tape: 1. Interior Gypsum Wallboard: Paper. C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is

compatible with other compounds applied on previous or for successive coats. 1. Prefilling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound. 2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use setting-type taping compound Fill Coat: For second coat, use drying-type, all-purpose compound. 4. Finish Coat: For third coat, use drying-type, all-purpose compound.

AUXILIARY MATERIALS A. **General:** Provide auxiliary materials that comply with referenced installation standards and manufacturer's written recommendations. B. Laminating Adhesive: Adhesive or joint compound recommended for directly adhering gypsum panels to continuous substrate 1. Use adhesives that have a VOC content of 50 g/L or less when calculated according to

40 CFR 59, Subpart D (EPA Method 24). C. Steel Drill Screws: ASTM C 1002, unless otherwise indicated. 1. Use screws complying with ASTM C 954 for fastening panels to steel members from 0.033 to 0.112 inch thick. 2. For fastening cementitious backer units, use screws of type and size recommended by panel

D. Acoustical Sealant: As specified in Division 7 Section "Joint Sealants." E. Thermal Insulation: As specified in Division 7 Section "Building Insulation."

except in chases braced internally.

acoustical sealant.

EXECUTION A. **Examine areas and substrates**, with Installer present, and including welded hollow-metal frames and framing, for compliance with requirements and other conditions affecting performance. B. **Examine panels before installation**. Reject panels that are wet, moisture damaged, and mold

C. **Proceed with installation** only after unsatisfactory conditions have been corrected. APPLYING AND FINISHING PANELS, GENERAL A. Comply with ASTM C 840. B. **Install ceiling panels** across framing to minimize the number of abutting end joints and to avoid

abutting end joints in central area of each ceiling. Stagger abutting end joints of adjacent panels not less C. Install panels with face side out. Butt panels together for a light contact at edges and ends with not more than 1/16 inch of open space between panels. Do not force into place. D. Locate edge and end joints over supports, except in ceiling applications where intermediate supports or gypsum board back-blocking is provided behind end joints. Do not place tapered edges against cut edges or ends. Stagger vertical joints on opposite sides of partitions. Do not make joints other than control joints at corners of framed openings. E. Form control and expansion joints with space between edges of adjoining gypsum panels.

1. Unless concealed application is indicated or required for sound, fire, air, or smoke ratings, coverage may be accomplished with scraps of not less than 8 sq. ft. in area. 2. Fit gypsum panels around ducts, pipes, and conduits. 3. Where partitions intersect structural members projecting below underside of floor/roof slabs and decks, cut gypsum panels to fit profile formed by structural members; allow 1/4- to 3/8-inch- wide joints to install sealant. G. **Isolate perimeter** of gypsum board applied to non-load-bearing partitions at structural abutments,

except floors. Provide 1/4- to 1/2-inch- wide spaces at these locations, and trim edges with edge trim

where edges of panels are exposed. Seal joints between edges and abutting structural surfaces with

H. Attachment to Steel Framing: Attach panels so leading edge or end of each panel is attached to

F. Cover both faces of support framing with gypsum panels in concealed spaces (above ceilings, etc.),

open (unsupported) edges of stud flanges first. APPLYING INTERIOR GYPSUM BOARD A. **Install interior gypsum board** in the following locations: 1. Type X: Vertical surfaces, unless otherwise indicated. SECTION 09 2900 GYPSUM BOARD (continues)

Single-Layer Application: 1. On ceilings, apply gypsum panels before wall/partition board application to greatest extent possible and at right angles to framing, unless otherwise indicated. 2. On partitions/walls, apply gypsum panels horizontally (perpendicular to framing), unless

otherwise indicated or required by fire-resistance-rated assembly, and minimize end joints. a. Stagger abutting end joints not less than one framing member in alternate courses of b. At stairwells and other high walls, install panels horizontally, unless otherwise indicated or required by fire-resistance-rated assembly.

3. On Z-furring members, apply gypsum panels vertically (parallel to framing) with no end joints. Locate edge joints over furring members 4. Fastening Methods: Apply gypsum panels to supports with steel drill screws.

INSTALLING TRIM ACCESSORIES A. **General:** For trim with back flanges intended for fasteners, attach to framing with same fasteners used for panels. Otherwise, attach trim according to manufacturer's written instructions. B. Control Joints: Install control joints according to ASTM C 840 and in specific locations approved by

Architect for visual effect. **Interior Trim**: Install in the following locations: Cornerbead: Use at outside corners, unless otherwise indicated. Bullnose Bead: Use where indicated.

3. LC-Bead: Use at exposed panel edges. 4. L-Bead: Use where indicated. U-Bead: Use at exposed panel edges 6. Curved-Edge Cornerbead: Use at curved openings.

Aluminum Trim: Install in locations indicated on Drawings. **Install corner beads** at external corners. Provide metal trim to protect edge of gypsum board wherever gypsum board intersects a dissimilar material. Hold channel and L trim back from metal window and door frames 1/8 inch to allow for caulking. FINISHING GYPSUM BOARD

A. **General:** Treat gypsum board joints, interior angles, edge trim, control joints, penetrations, fastener heads, surface defects, and elsewhere as required to prepare gypsum board surfaces for decoration. Promptly remove residual joint compound from adjacent surfaces. B. **Prefill open joints**, rounded or beveled edges, and damaged surface areas. **Apply joint tape** over gypsum board joints, except those with trim having flanges not intended for

Level 1: Ceiling plenum areas, concealed areas, and where indicated. Level 2: Panels that are substrate for tile. Level 5: At all wall surfaces, except where noted otherwise above. a. Primer and its application to surfaces are specified in other Division 9 Sections.

A. Protect installed products from damage from weather, condensation, direct sunlight, construction,

Gypsum Board Finish Levels: Finish panels to levels indicated below:

and other causes during remainder of the construction period. B. **Remove and replace** panels that are wet, moisture damaged, and mold damaged. . Indications that panels are wet or moisture damaged include, but are not limited to, discoloration, sagging, or irregular shape. 2. Indications that panels are mold damaged include, but are not limited to, fuzzy or splotchy surface contamination and discoloration.

A. Above-Ceiling Observation: Architect will conduct an above-ceiling observation before installing gypsum board ceilings and report deficiencies in the Work observed. Do not proceed with installation of gypsum board to ceiling support framing until deficiencies have been corrected. 1. Notify Architect seven days in advance of date and time when Project, or part of Project, will be ready for above-ceiling observation.

2. Before notifying Architect, complete the following in areas to receive gypsum board ceilings: a. Installation of 80 percent of lighting fixtures, powered for operation. b. Installation, insulation, and leak and pressure testing of water piping systems. c. Installation of air-duct systems.

09 3013 CERAMIC TILE

Installation of air devices.

e. Installation of mechanical system control-air tubing.

Installation of ceiling support framing.

FIELD QUALITY CONTROL

A. Acceptable Products: Subject to compliance with requirements of Contract Documents, provide the following products:

1. Porcelain Mosaic Floor Tile (F6): Crossville "Notorious". Glazed Wall Tile (WZ): Daltile Elevare ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1, "Specifications for Ceramic Tile," for types, compositions, and other characteristics indicated.

1. Provide tile complying with Standard Grade requirements, unless otherwise indicated.

2. For facial dimensions of tile, comply with requirements relating to tile sizes specified in Part 1 "Definitions" Article. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI standards referenced in "Setting Materials" and "Grouting Materials" articles. D. Colors, Textures, and Patterns: Where manufacturer's standard products are indicated for tile, grout, and other products requiring selection of colors, surface textures, patterns, and other appearance characteristics, provide specific products or materials complying with the following requirements:

1. Provide Architect's selections from manufacturer's full range of colors, textures, and patterns for products of type indicated. Also see the Finish Schedule. Provide tile trim and accessories that match color and finish of adjoining flat tile. . Factory Blending: For tile exhibiting color variations within the ranges selected during Sample submittals, blend tile in the factory and package so tile units taken from one package show the same range in colors as those taken from other packages and match approved Samples. F. Mounting: Where factory-mounted tile is required, provide back- or edge-mounted tile assemblies as standard with manufacturer, unless another mounting method is indicated.

1. Where tile is indicated for installation in wet areas, do not use back- or edge-mounted tile

assemblies unless tile manufacturer specifies in writing that this type of mounting is suitable for these kinds of installations and has a record of successful in-service performance. **TILE PRODUCTS**

A. Unglazed Ceramic Mosaic Tile: Composition: Porcelain stone Module Size: 1 x 3 inches and 2 x 3 inches (nominal). Mounting: Factory mounted in 12 x 12 inch sheets. Nominal Thickness: 10.5 mm

Face: Unpolished, rectified. Colors: As indicated on Key-Finish Schedule on Drawings. Glazed Ceramic Wall Tile: Composition: Glazed ceramic Nominal Module Size: 6 x 18 inches

following requirements

. Nominal Thickness: 5/16 inch Face: Glazed. 5. Colors: As indicated on Key-Finish schedule on Drawings or, if not indicated, as selected by Architect from manufacturer's full range. Trim Units: Provide tile trim units to match characteristics of adjoining flat tile and to comply with the

1. Size: As indicated, coordinated with sizes and coursing of adjoining flat tile where applicable.

Shapes: a. Base for Thin-Set Mortar Installations: Straight, used in conjunction with metal trims. b. Wainscot Caps and External Corners for Thin-Set Mortar Installations: Straight, used in conjunction with metal trims. c. Internal Corners: Field-butted square corners, except where noted to receive metal cove

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: Manufacturer: Mapei. 2. Product: Mapeguard UM. Industry Standards and Approvals: . ASTM C627 (Robinson): Extra Heavy Rating.

4. ANSI: A118.12, Section 5.2.3 – Passes. Point load resistance after 28-day cure. Properties: Compressive Strength: 0.37 N/mm² Permeance: <0.07. Material Thickness: 1/64 inch, nominal.

. ANSI: Exceeds A118.10 (Waterproofing Membrane for Thin-Set Ceramic Tile)

3. ANSI: A118.12, Section 5.1.3 – Achieves bond strength of 50 psi or greater in 7 days per test

4. Membrane Height: 1/8 inch, nominal. Waterproofing Tape: Mapeguard ST, applied in accordance with manufacturer's written instructions; flood test before applying tile. METAL JOINT TRIM A. Acceptable Manufacturer: Subject to compliance with requirements of Contract Documents,

provided products by manufacturer listed below. If not listed, submit as substitution according to Conditions of the Contract and the provisions of Division 1 Sections. Schluter Systems: www.schluter.com. Finish: Satin anodized aluminum. **Shapes:** As indicated in Key-Finish Legend and below:

a. Thickness: 1/2 inch minimum.

Documents is not changed, as judged by the Architect.

b. Product: "UltraFlex 3".

b. Provide tapered front edge.

Base Trim: DILEX-AHK.

WATERPROOFING AND CRACK ISOLATION MEMBRANE

A. **General**: Provide thresholds that are uniform in color and finish, fabricated to sizes and profiles indicated to provide transition between tile surfaces and adjoining finished floor surfaces. 1. Bevel edges at 1:2 slope, with lower edge of bevel aligned with or up to 1/16 inch above adjacent floor surface. Finish bevel to match top surface of threshold. Limit height of threshold to 1/2 inch or less above adjacent floor surface.

Molded Thresholds: 1. Solid Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with the material and performance requirements of ANSI Z124.3, Type 5 or Type 6, without a pre-coated

d. Provide colors as selected by Architect from manufacturer's full selection of colors.

e. Available Products: Subject to compliance with requirements of Contract Documents.

products that may be incorporated in the Work include, but are not limited to, the following:

) Corian; DuPont Polymers. Solid Surfacing; Formica Corporation. Staron; Lotte Advanced Materials SETTING MATERIALS A. Primer (where required by installer to assure a warrantable installation): 1. Basis of Design: Contract Documents are based on product specified below to establish a standard of quality. Other manufacturers with products having equivalent characteristics may be

considered, provided deviations are minor and design concept as expressed in the Contract

c. Thresholds shall be continuous between door jambs.

 a. Manufacturer: Mapei; www.mapei.com b. Product: "Eco Prim Grip". 2. Properties: Solvent-free primer composed of synthetic resin in water dispersion and selected inert materials; gray latex. Polymer-Modified Thinset Mortar: Meet or exceed ANSI A118.4, A118.11, A118.15E and ISO

1. Basis of Design: Contract Documents are based on product specified below to establish a standard of quality. Other manufacturers with products having 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. a. Manufacturer: Mapei; www.mapei.com

SECTION 09 3013 CERAMIC TILE (continues)

a. Install only at temperatures between 40 degrees F and 95 degrees F.

b. Protect from traffic for 24 hours. Protect from heavy traffic for 7 days. c. Protect from frost and rain for 21 days. Protect from water immersion for 21 days. C. **Polymer-Enriched Large and Heavy Tile Mortar**: A118.4HTE, A118.11 and A118.15HTE.

1. Basis of Design: Contract Documents are based on product specified below to establish a standard of quality. Other manufacturers with products having 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.

a. Manufacturer: Mapei: www.mapei.com b. Product: "Large Tile and Stone Mortar".

Protection: a. Do not disturb the installation, allow light traffic or grout the tiles for at least 24 to 48 hours. b. Protect the installation from general traffic for at least 72 hours and from heavy traffic for at

c. Protect the installation from rain for 72 hours and from freezing for 21 days. GROUTING MATERIALS A. Latex-Portland Cement Grout: Meets or exceeds ANSI A118.3 and A118.6.

1. Basis of Design: Mapei Flexcolor CQ. Protection: a. Use only at temperatures between 50 degrees F and 95 degrees F.

b. Provide for dry, heated storage on site and deliver materials at least 24 hours before c. For at least 72 hours after completion, protect from rain and freezing, and do not immerse d. Floors: Keep the installation free from foot traffic for at least 24 hours after grouting.

e. Walls: Protect the installation from impact, vibration and hammering on adjacent and opposite walls for 14 days after tile installation (see the TDS of the adhesive or setting system f. Because temperature and humidity (during and after installation of tile) affect the final

curing time of all cement-based materials, allow for extended periods of curing and protection when temperatures drop below 60 degrees F or when the relative humidity is higher than 70 3. Colors: As indicated on Finish Legend or, if not indicated, as selected by Architect from

ELASTOMERIC SEALANTS A. **General**: Provide manufacturer's standard chemically curing, elastomeric sealants of base polymer and characteristics indicated that comply with applicable requirements of Division 7 Section "Joint B. Colors: Provide colors of exposed sealants to match colors of grout in tile adjoining sealed joints, unless otherwise indicated. C. One-Part, Mildew-Resistant Silicone Sealant: ASTM C 920; Type S: Grade NS: Class 25:

Uses NT, G, A, and, as applicable to nonporous joint substrates indicated, O; formulated with fungicide,

intended for sealing interior ceramic tile joints and other nonporous substrates that are subject to inservice exposures of high humidity and temperature extremes. D. Available Products: Subject to compliance with requirements of Contract Documents, products which may be incorporated into the Work include, but are not limited to, the following:

 One-Part, Mildew-Resistant Silicone Sealants: a. Dow Corning 786; Dow Corning Corporation. b. Sanitary 1700; GE Silicones. Pecora 898 Sanitary Silicone Sealant; Pecora Corp. d. Tremsil 600 White; Tremco, Inc.

manufacturer's full range of colors.

MISCELLANEOUS MATERIALS

written instructions.

EXECUTION

EXAMINATION

A. Trowelable Underlayments and Patching Compounds: Latex-modified, Portland-cement-based formulation provided or approved by manufacturer of tile-setting materials for installations indicated. B. **Reinforcing for mortar bed**: 16 gage 2x2 galvanized welded wire. C. **Temporary Protective Coating**: Provide product indicated below that is formulated to protect exposed surfaces of tile against adherence of mortar and grout; is compatible with tile, mortar, and grout products; and is easily removable after grouting is completed without damaging grout or tile. 1. Petroleum paraffin wax, fully refined and odorless, containing at least 0.5 percent oil with a

melting point of 120 to 140 degrees F per ASTM D 87. D. **Tile Cleaner**: A neutral cleaner capable of removing soil and residue without harming tile and grout surfaces, specifically approved for materials and installations indicated by tile and grout manufacturers. E. Grout Sealer: Solvent-based, no-sheen, natural-look penetrating sealer for all sanded and nonsanded grout joints. MIXING MORTARS AND GROUT

A. Mix mortars and grouts to comply with referenced standards and mortar and grout manufacturers'

B. Add materials and additives in accurate proportions. Do not use or add any water to mortar or grout when mixing, use only latex additive. C. **Obtain and use type of mixing equipment**, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.

A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of 1. Verify that substrates for setting tile are firm; dry; clean; free from oil, waxy films, and curing compounds; and within flatness tolerances required by referenced ANSI A108 series of tile installation standards for installations indicated. 2. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of

work, and similar items located in or behind tile has been completed before installing tile.

3. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust latter in consultation with Architect. B. **Do not proceed with installation until** unsatisfactory conditions have been corrected. PREPARATION A. Remove coatings, including curing compounds, and other substances that contain soap, wax, oil, or silicone and are incompatible with tile-setting materials by using a terrazzo or concrete grinder, a drum sander, or a polishing machine equipped with a heavy-duty wire brush.

B. **Provide concrete substrates** for tile floors installed with dry-set or latex-Portland cement mortars

3. Apply troweled waterproofing membranes <u>prior</u> to the application of any leveling or patching

that comply with flatness tolerances specified in referenced ANSI A108 series of tile installation standards for installations indicated. 1. Use trowelable leveling and patching compounds per tile-setting material manufacturer's written instructions to fill cracks, holes, and depressions. 2. Remove protrusions, bumps, and ridges by sanding or grinding.

Blending: For tile exhibiting color variations within the ranges selected during Sample submittals, verify that tile has been blended in the factory and packaged so tile units taken from one package show the same range in colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing. **INSTALLATION, GENERAL** A. ANSI Tile Installation Standards: Comply with parts of ANSI A108 series of tile installation

standards in "Specifications for Installation of Ceramic Tile" that apply to types of setting and grouting

materials and to methods indicated in ceramic tile installation schedules.

materials, mortar beds, and tile. Do not saw-cut joints after installing tiles.

standards.

2. Wall Tile: 1/16 inch.

LEANING AND PROTECTING

they are free of foreign matter.

B. TCNA Installation Guidelines: TCNA's "Handbook for Ceramic Tile Installation." Comply with TCNA installation methods indicated in ceramic tile installation schedules. C. Extend tile work into recesses and under or behind equipment and fixtures to form a complete covering without interruptions, unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments. D. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers

directions in each space or on each wall area. Adjust to minimize tile cutting. Provide uniform joint widths, unless otherwise indicated. 1. For tile mounted in sheets, make joints between tile sheets the same width as joints within tile sheets so joints between sheets are not apparent in finished work. F. **Movement Joints**: Locate expansion joints and other sealant-filled joints, including control, contraction, and isolation joints, where occur by field verification or as indicated on the construction

drawings. If not indicated, then as recommended by TCNA guidelines, during installation of setting

Prepare joints and apply sealants to comply with requirements of Division 7 Section "Joint

E. **Jointing Pattern**: Lay tile in grid pattern, unless otherwise indicated. Align joints when adjoining

tiles on floor, base, walls, and trim are the same size. Lay out tile work and center tile fields in both

G. **Grout tile** to comply with the requirements of the following tile installation standards: 1. For ceramic tile grouts (sand-Portland cement, dry-set, commercial Portland cement, and latex-Portland cement grouts), comply with ANSI A108.10. WALL TILE INSTALLATION

Locate joints in tile surfaces directly above joints in concrete substrates.

 Installation Methods: a. Tile over glass mat tile backer panels - Interior Surfaces: TCNA W245. Joint Widths: Install tile on walls with the following joint widths, except as recommended otherwise by tile manufacture 1. Ceramic Tile: 1/16 inch.

A. **Install** types of tile designated for wall installations to comply with requirements in the Ceramic Tile

Wall Installation Schedule, including those referencing TCNA installation methods and ANSI setting-bed

applicable special requirements for back buttering of tile in referenced ANSI A108 series of tile installation 1. Tile wall installations in wet areas, including showers. 2. Tile wall installations composed of tiles 8 by 8 inches or larger. D. Apply two (2) coats of grout sealer in accordance with manufacturer's printed instructions and recommendations. Remove sealer remaining on the tile within 3 to 5 minutes of application.

A. Cleaning - New Tile: On completion of placement and grouting, clean all ceramic tile surfaces so

Back Buttering: For installations indicated, obtain 100 percent mortar coverage by complying with

. Remove latex-Portland cement grout residue from tile as soon as possible. 2. Unglazed tile may be cleaned with acid solutions only when permitted by tile and grout manufacturer's written instructions, but no sooner than 10 days after installation. Protect metal surfaces, cast iron, and vitreous plumbing fixtures from effects of acid cleaning. Flush surface with clean water before and after cleaning. 3. Remove temporary protective coating by method recommended by coating manufacturer that is

B. Cleaning - Existing Tile: Where directed by Architect, engage professional service to thoroughly clean existing tile. Service shall extract embedded contamination and apply new surface treatment which seals tile and grout surfaces without changing color of tile or grout. Protect adjoining surfaces from cleaning products. C. **Finished Tile Work**: Leave finished installation clean and free of cracked, chipped, broken,

acceptable to brick and grout manufacturer. Trap and remove coating to prevent it from clogging

unbonded, and otherwise defective tile work. D. Provide final protection and maintain conditions in a manner acceptable to manufacturer and Installer which ensure tile is without damage or deterioration at the time of Substantial Completion. E. When recommended by tile manufacturer, apply a protective coat of neutral protective cleaner to completed tile walls and floors. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear. F. Prohibit foot and wheel traffic from tiled floors for at least 7 days after grouting is completed.

G. **Before final inspection**, remove protective coverings and rinse neutral cleaner from tile surfaces.

SALT LAKE CITY, UT 84102

DATE DESCRIPTION

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CLIENT NUMBER: DATE: **(**

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ROJECT & PRODUCT SPECIFICATIONS

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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: Suspension System: Armstrong; Prelude XL 15/16 inch Exposed Tee.

Acoustical Tile: Armstrong; Ultima 1910 and Ultima 1913 Wood Plank: Armstrong Woodworks Linear Veneered Planks 6660W1

b. USG Acoustical Sealant; United States Gypsum Co. c. Chem-Calk 600: Woodmont Products, Inc.

Pecora Corp; AC 20 FTR Acoustical and Insulation Sealant

General: Provide manufacturer's standard units of configuration indicated which are prepared for mounting method designated and which comply with FS SS-S-118 requirements, including those indicated by reference to type, form, pattern, grade (NRC or NIC's as applicable), light reflectance coefficient (LR), edge detail, and joint detail (if any). Mounting Method for Measuring NRC: No. 7 (mechanically mounted on special metal support),

FS SS-S-118; or Type E-400 mounting as per ASTM E 795. 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-II "Ceiling Sound Transmission Test by Two-Room Method" with ceilings continuous at partitions and supported by a metal suspension system of type appropriate for ceiling unit of configuration indicated (concealed for

Type A: Armstrong: Ultima (1910) a. Size: 24 inches x 24 inches x 3/4 inch

f. ASTM E1264 Classification: Type IV, Form 2, Pattern E Surface Finish: Factory-applied vinyl latex paint Type B: Armstrong: Ultima (1913)

a. Size: 24 inches x 48 inches x 3/4 inch

f. ASTM E1264 Classification: Type IV, Form 2, Pattern E

g. Surface Finish: Scrim with factory-applied latex paint Type C: Suspended gypsum system; refer to Division 9 Section "Gypsum Board". . **Metal Suspension System**: Provide metal suspension systems of type, structural classification and finish indicated which comply with applicable ASTM C 635 requirements. 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 Attachment Devices: Size for 5 times design load indicated in ASTM C 635, Table 1, Direct

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 loan (ASTM C 635, Table 1, Direct Hung), 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

5. 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. 6. Seismic Struts: Manufacturer's standard compression struts designed to accommodate seismic forces; locate at 12 feet on center both ways for suspended ceilings according to UBC Standard 25-2 other standard required by authority having jurisdiction.

a. In lieu of compression struts provide a seismic clip with an ES Report number from ICC demonstrating that the compression struts and the 2-inch perimeter wall mold are not required. BERC seismic clips; Armstrong. 2. 1496 Perimeter Clip; Chicago Metallic Corp.

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 galvanize according to ASTM A 653/A 653M, not less than G30 coating designation, with pre-finished 15/16-

b. End Condition of Cross Runners: Butt-edge type. d. Cap Material: Steel or aluminum cold-rolled sheet. e. Cap Finish: Painted in color as selected from manufacturer's full range.

Acoustical Sealant: Resilient, non-staining, non-shrinking, non-hardening, non-skinning, nondrying, non-sag sealant intended for interior sealing of concealed construction joints.

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

Burke Flooring, a division of Burke Industries.

B. **Applications**, including but not limited to: Carpet bar for tackless installations, Carpet edge for gluedown applications, Nosing for carpet, Nosing for resilient floor covering, Reducer strip for resilient floor

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

A. Trowelable Leveling and Patching Compounds: Latex-modified, Portland cement based or blended hydraulic cement based formulation provided or approved by resilient product manufacturer for

B. **Adhesives**: Water-resistant type recommended by manufacturer to suit resilient products and C. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect

A. **Coordination**: Furnish layouts for inserts, clips, or other supports required to be installed by other

1. Furnish concrete inserts, steel deck hanger clips and similar devices to other trades for installation well in advance of time needed for coordination of other work. B. 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

A. General: Install materials in accordance with manufacturer's printed instructions, and to comply with governing regulations, fire resistance rating requirements as indicated, and industry standards applicable

 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 each end and spaced 4 feet along each 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.

screws, or other devices which are secure and appropriate for substrate, and which will not deteriorate or 1. Install hangers plumb and free from contact with insulation or other objects 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, countersplaying or other

. **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-attach 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. Miter

corners accurately and connect securely . Install acoustical panels in coordination with suspension system, with edges concealed by support of suspension members. Scribe and cut panels to fit accurately at borders and at penetrations. Paint cut and exposed edges of acoustical tile.

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 A. 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

SECTION 09 6519 RESILIENT FLOOR TILE AND ACCESSORIES

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, Manufacturer: Mannington Commercial.

Product: a. Collection: Color Anchor b. Styles: Groove & Stride c. Color: See Drawings / Finish Legend d. Size: 18" x 18" B. Tile Standards: ASTM F 1700

Class: Class III printed film vinyl tile. . Type: B, smooth surface; finish: UV-cured polyurethane. Overall Thickness: 0.098 inch) 4. Wear Layer Thickness: 0.020 inch. 4. Size: 18 inches W x 36 inches L. 5. Finish: ExoGuard quartz 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 SECTION 09 6519 RESILIENT FLOOR TILE AND ACCESSORIES (continues)

RESILIENT WALL BASE A. Basis 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 deviations are minor and design concept as expressed in the Contract Documents is not changed, as judged by the Architect. **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

1. Burke Flooring, a division of Burke Industries. Johnsonite, a Tarkett brand.

4. R. C. Musson Rubber Co. Roppe Corporation.

Characteristics: Standard: ASTM F 1861. Type (Material Requirement): TP (rubber, thermoplastic).

Group (Manufacturing Method): I (solid, homogeneous). Style: Coved. Minimum Thickness: 0.125 inch Height: 4 inches.

Lengths: Coils in manufacturer's standard length. 8. Outside Corners: Pre-molded. 9. Inside Corners: None. 10. Surface: Smooth.

 Location of intermediate seams: At inside corners only. 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

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

Burke Flooring, a division of Burke Industries. Johnsonite, a Tarkett brand.

4. R. C. Musson Rubber Co. Roppe Corporation. 3. Applications, including but not limited to: Carpet bar for tackless installations, Carpet edge for gluedown applications, Nosing for carpet, Nosing for resilient floor covering, Reducer strip for resilient floor covering, and Joiner for tile and carpet. Material: Rubber.

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 2.5 INSTALLATION MATERIALS

A. Trowelable Leveling and Patching Compounds: Latex-modified, Portland cement based or blended 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. . 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

A. **Examine substrates**, with Installer present, for compliance with requirements for installation tolerances, moisture content, and other conditions affecting performance. 1. Verify that finishes of substrates comply with tolerances and other requirements specified in other Sections and that substrates are free of cracks, ridges, depressions, scale, and foreign deposits that might interfere with adhesion of resilient products. 2. Proceed with installation only after unsatisfactory conditions have been corrected.

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. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.

> Alkalinity and Adhesion Testing: Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing. Moisture Testing: a. Perform anhydrous calcium chloride test, ASTM F 1869. Proceed with installation only after substrates have maximum moisture-vapor-emission rate of 3 lbs. of water/1000 sq. ft. in

b. Perform tests recommended by manufacturer. Proceed with installation only after substrates pass testing Remove substrate coatings 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

D. **Use trowelable leveling and patching compound** to fill cracks, holes, and depressions in E. **Move resilient products** and installation materials into spaces where they will be installed at least

1. Do not install resilient products until they are same temperature as space where they are to be F. 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.

A. Lay out tiles from center marks established with principal walls, discounting minor offsets, so tiles at opposite edges of room are of equal width. Adjust 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 selecting tiles from cartons in 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 tiles (basket-weave pattern). Scribe, cut, and fit tiles to butt neatly and tightly to vertical surfaces and permanent fixtures including built-in furniture, cabinets, pipes, outlets, edgings, door frames, thresholds, and nosings.

Extend tiles into toe spaces, door reveals, closets, and similar openings. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on floor tiles as marked on substrates. Use chalk or other nonpermanent, non-staining marking F. All game lines, accessories, etc. shall be cut in 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 lines 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.

G. 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 abut covers and to cover perimeters. H. 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.

RESILIENT WALL BASE INSTALLATION A. Apply wall base to walls, columns, pilasters, casework and cabinets in toe spaces, and other permanent 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 of base within the same run of an uninterrupted wall. Transition all base pieces at door jambs, inside corners of millwork or walls, and at hidden side of

column wraps. 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. Do not stretch wall base during installation. ... On masonry surfaces or other similar irregular substrates, fill voids along top edge of wall base with manufacturer's recommended 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 premolded 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

RESILIENT ACCESSORY INSTALLATION A. Resilient Stair Accessories:

Use stair-tread-nose filler to fill nosing substrates that do not conform to tread contours. Tightly adhere to substrates throughout length of each piece. For treads installed as separate, equal-length units, install to produce a flush joint between

Resilient Molding Accessories: Butt to adjacent materials and tightly adhere to substrates throughout length of each piece. Install reducer strips at edges of floor coverings that would otherwise be CLEANING AND PROTECTION

A. **Perform the following operations** immediately after completing resilient product installation: Remove adhesive and other blemishes from exposed surfaces.

Sweep and vacuum surfaces thoroughly. Damp-mop surfaces to remove marks and soil a. Do not wash surfaces until after time period recommended by manufacturer. B. **Protect resilient products** from mars, 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 polish 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 undyed, untreated building paper until Substantial Completion.

3. Do not move heavy and sharp objects directly over surfaces. Place hardboard or plywood panels over flooring and under objects while they are being moved. Slide or roll objects over panels without moving panels.

SECTION 09 6813 CARPET TILE

PRODUCTS CARPET TILE

A. Acceptable Product: Subject to compliance with requirements, provide products indicated below and on Legend-Finish Schedule on Drawings. Substitutions will not be considered. Manufacturer: Shaw Contract Group

2. Collection: The Park a. Style – Drift Tile #5T142 Colors: As indicated on Key-Finish on Drawings B. Properties:

Construction: Multi-level pattern loop. Fiber: Eco Solution Q® nylon. Dye Method: 100 percent solution. 4. Tile Size: 9 x 36 inches. 5. Gauge: 1/12 inch. 6. Finished Pile Thickness: 0.130 inch. Average Density: 6092 ounces per cubic yard.

4. Overall System Thickness: 2mm

Tufted Weight: 22 ounces/square yard. Backing: Ecoworx® tile. System Characteristics: Color and Pattern: Select from manufactures standards Wearing Surface: Standard Integral Cove Base: TBD

SECTION 09 6813 CARPET TILE (continues)

INSTALLATION ACCESSORIES A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer. B. Adhesives: Water-resistant, mildew-resistant, nonstaining, pressure-sensitive type to suit products and subfloor conditions indicated, that complies with flammability requirements for installed

EXECUTION

EXAMINATION A. **Examine substrates**, areas, and conditions, with Installer present, for compliance with requirements for maximum 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 Subfloors**: Verify that concrete slabs comply with ASTM F 710 and the following: 1. Slab 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. Subfloors are free of cracks, ridges, depressions, scale, and foreign deposits.

C. **Proceed with installation** only after unsatisfactory conditions have been corrected.

carpet tile and is recommended by carpet tile manufacturer for releasable installation.

PREPARATION A. General: Comply with CRI 104 and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation. B. Use trowelable leveling 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. C. 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. D. Broom and vacuum clean substrates to be covered immediately before installing carpet tile. INSTALLATION A. **General**: Comply with CRI 104 and with carpet tile manufacturer's written installation instructions.

B. **Installation Method**: Glue down; install every tile with full-spread, releasable, pressure-sensitive **Maintain dye lot integrity**. Do not mix dye lots in same area. D. Cut 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.

flanges, alcoves, and similar openings. F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating 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

E. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable

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.

A. **Perform the following operations** immediately after installing carpet tile:

3. Vacuum carpet tile using commercial machine with face-beater element. Protect installed carpet tile in compliance with CRI 104. 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, provide products by the manufacturer listed below. 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. Manufacturer's products which comply with coating qualitative requirements of applicable Federal Specifications, yet differ 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

E. Color Pigments: Pure, non-fading, applicable types to suit substrates and service indicated. Notify the Contractor in writing situations where the pigments of a chosen color are known to react with high alkalinity substrates (chemical burn), especially where the 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. I. Varnishes and Sanding Sealers: VOC content of not more than 350 g/L.

Stains: VOC content of not more than 250 g/L.

total aromatic compounds (hydrocarbon compounds containing one or more benzene rings). 7. Furnish 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 those exterior surfaces, such as stairs, decks, porches, railings, windows, and doors which are readily accessible to children under seven

6. Aromatic Compounds: Paints and coatings shall not contain more than 1.0 percent by weight of

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 have been corrected in a manner acceptable to 1. Comply with PDCA Standard P4 "Responsibility for Inspection and Acceptance of

Surfaces prior to Painting and Decorating". B. Starting of painting work will be construed as Applicator's acceptance of surfaces and conditions within any particular area. C. **Do not paint over** dirt, rust, scale, grease, moisture, scuffed 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 incompatible primers or remove and re-prime as required. Notify Architect in writing of any anticipated problems in using the specified coating systems with substrates primed by others Accessories Removal: Remove hardware, hardware accessories, machined surfaces, plates, lighting 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 painting of items and adjacent surfaces. 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, dust, dirt, grease, oils, and by roughening as required to remove glaze. 1. **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 finish paint, correct this condition before application of paint. Do not paint over surfaces where moisture content exceeds that permitted in manufacturer's printed directions. 2. Clean concrete floor surfaces scheduled to be painted with a commercial solution or muriatic acid, or other etching cleaner. Flush floor with clean water to neutralize acid, and allow

to dry before painting. F. **Ferrous Metals**: Clean ferrous surfaces, which are not galvanized or shop-coated, of oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning. 1. **Caulk fabrication joints** in hollow metal door frames which paint application cannot

2. **Follow manufacturer's surface preparation** recommendations for ferrous metal substrates, ranging from one of the following procedures: a. SSPC-SP 1 - Solvent Cleaning (Nov-04)

b. SSPC-SP 2 - Hand Tool Cleaning (Nov-04) c. SSPC-SP 3 - Power Tool Cleaning (Nov-04) d. SSPC-SP 5/NACE No. 1 - White Metal Blast Cleaning (Jan-07) e. SSPC-SP 6/NACE No. 3 - Commercial Blast Cleaning (Jan-07) f. SSPC-SP 7/NACE No. 4 - Brush-Off Blast Cleaning (Jan-07) g. SSPC-SP 8 - Pickling (Nov-04) SSPC-SP 10/NACE No. 2 - Near-White Metal Blast Cleaning (Jan-07)

SSPC-SP 11 - Power Tool Cleaning to Bare Metal (July-12)

SSPC-SP 14/NACE No. 8 - Industrial Blast Cleaning (Jan-07) . SSPC-SP 15 - Commercial Grade Power-Tool Cleaning (July-12) SSPC-SP 16 - Brush-Off Blast Cleaning of Coated and Uncoated Galvanized Steel, Stainless Steels, and Non-Ferrous Metals (Apr-10) G. **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. H. 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." **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 small, dry, seasoned knots and apply a thin coat of

holes and imperfections in finish surfaces with putty or plastic wood-filler. Sandpaper smooth when 1. Prime, stain, or seal wood required to be job-painted immediately upon delivery to job. Prime edges, ends, faces, undersides, and backsides of such wood, including cabinets. counters, cases, paneling.

2. When transparent finish is required, use spar varnish for backpriming.

4. Interior Wood Substrates:

wood filler. Sand smooth when dry.

white shellac or other recommended knot sealer, before application of priming coat. After priming, fill

Exterior Wood Substrates: a. Scrape and clean knots, and apply coat of knot sealer before applying primer. b. Prime edges, ends, faces, undersides, and backsides of wood. 1) For solid hide stained wood, stain edges and ends after priming. For varnish-coated stained wood, stain edges and ends and prime with varnish. Prime undersides and backsides with varnish. c. Countersink steel nails, if used, and fill with putty or plastic wood filler tinted to final color. Sand smooth when dried.

a. Scrape and clean knots, and apply coat of knot sealer before applying primer. b. Apply wood filler paste to open-grain woods, as defined in "MPI Architectural Painting Specification Manual," to produce smooth, glasslike finish. Sand surfaces exposed to view and dust off. d. After priming, fill holes and imperfections in the finish surfaces with putty or plastic

SECTION 09 9123 PAINTING (continues)

J. Materials Preparation: Mix and prepare painting materials in accordance with manufacturer's directions. 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.

3APPLICATION 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

Provide finish coats which are compatible with prime paints used. . 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, welds, and exposed fasteners receive a dry film thickness equivalent to that of flat surfaces. 4. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Paint surfaces behind permanently-fixed equipment or furniture with prime coat only before final installation of equipment.

5. Paint interior surfaces of ducts, where visible through registers or grilles, with a flat, nonspecular 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 each 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 1. Re-coat Time: Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firms, does not deform 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. Mechanical and Electrical Work: Painting of mechanical and electrical work is limited to those items exposed to mechanical equipment rooms and in occupied spaces. 1. Mechanical items to be painted include, but are not limited to, the following:

a. Piping, pipe hangers, and supports. b. Roof mounted mechanical units. c. Ductwork, where exposed in occupied spaces.

not been prime coated by others.

d. Motor, mechanical equipment, and supports.

 e. Accessory items. 2. Electrical items to be painted include, but are not limited to, the following: a. Conduit and fittings. Prime Coats: Apply prime coat of material which is required to be painted or finished, and which has

1. Recoat primed and sealed surfaces where there is evidence of suction spots or unsealed areas in first coat, to assure a finish coat with no burn-through or other defects due to insufficient sealing. E. Pigmented (Opaque) Finishes: Completely cover to provide an opaque, smooth surface of uniform finish, color, appearance and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable. F. Completed Work: Match approved samples for color, texture and coverage. Remove, refinish or repaint work not in compliance with specified requirements.

A. Owner will engage services of an independent testing laboratory to sample paint being used. Samples of materials delivered to project site will be taken, identified and sealed, and certified in presence Testing laboratory will perform appropriate tests for any or all of following characteristics: Abrasion resistance, apparent reflectivity, flexibility, washability, absorption, accelerated weathering, dry opacity, accelerated yellowness, recoating, skinning, color retention, alkali

resistance and quantitative materials analysis. B. **If test results show** that material being used does not comply with specified requirements, Contractor may be directed to stop painting work, and remove non-complying paint; pay for testing; repaint surfaces coated with rejected paint; remove rejected paint from previously painted surfaces if, upon repainting with specified paint, the two coatings are non-compatible. CLEAN-UP AND PROTECTION

A. Clean-Up: During progress of work, remove from site discarded paint materials, rubbish, cans and rags at end of each work day. Upon completion of painting work, clean window glass and other paint spattered surfaces Remove spattered paint by proper methods of washing and scraping, using car not to scratch or otherwise damage finished surfaces. B. **Protection:** Protect work of other trades, whether to be painted or not, against damage by painting

> 1. Provide "Wet Paint" signs as required to protect newly-painted finishes. Remove temporary protective wrappings provided by others for protection of their work, after completion of painting 2. At completion of work of other trades, touch-up and restore all damaged or defaced painted

and finishing work. Correct any damage by cleaning, repairing or replacing, and repainting, as acceptable

3.6 INTERIOR PAINT SCHEDULE A. **General**: Provide the following paint systems for the various substrates as indicated below or equivalent system from approved manufacturers listed above. B. Metal - Interior Galvanized

Preparation: Remove all oil and grease from surface per SSPC-SP1. Protect adjacent surfaces from damage. Prepare surface in accordance with commercial blast cleaning SSPC-SP6 with median surface profile of 1.5 to 2.0 mils. Sherwin-Williams - Latex (100% Acrylic) Systems 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer B66-310 Series Finish: Low sheen. Thickness (Mils per coat): 5 - 10 wet; 2 - 4 dry. B66-650 Series 2nd Coat: S-W Pro Industrial Zero VOC Acrylic Semi-Gloss,

3rd Coat: S-W Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 Series Finish: Semi-Gloss Thickness (Mils per coat): 6 - 12 wet; 2.5 - 4 dry. Metal - Interior Structural Steel - Columns, Joists, Trusses, Beams - Misc. & Ornamental Iron, Doors, Door Frames, Non-Galvanized Metal Preparation: Remove all oil and grease from surface per SSPC-SP1. Protect adjacent surfaces from damage. Prepare surface in accordance with commercial blast cleaning SSPC-SP6 with median surface profile of 1.5 to 2.0 mils.

Sherwin-Williams - Latex (100% Acrylic) Systems 1st Coat: S-W Pro Industrial Pro-Cryl Universal Primer B66-310 Series Finish: Low sheen Thickness (Mils per coat): 5 - 10 wet; 2 - 4 dry. 2nd Coat: S-W Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 Series 3rd Coat: S-W Pro Industrial Zero VOC Acrylic Semi-Gloss, B66-650 Series

Finish: Semi-aloss Thickness (Mils per coat): 6 - 12 wet; 2.2 – 4.4 dry. D. Gypsum Board - Walls, Ceilings, Gypsum Board, Etc. - Eggshell Finish Preparation: Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Finish exposed gypsum surfaces to Level 5 finish. Sherwin-Williams - Vinyl Acrylic Systems 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28W02600 Series – use

Sheen (at 85 degrees): 0 - 5 units. Thickness: (Mils per coat) 4 wet; 1.5 dry. 2nd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Eg-Shel, B20-2600 Series Sheen (at 85 degrees): 15 - 20 units Thickness (Mils per coat): 4 wet; 1.7 dry. E. Gypsum Board - Walls, Ceilings, Gypsum Board, Etc. - Semi-gloss Finish

"P"-shade primer.

Open Grained Wood

Preparation: Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Finish exposed gypsum surfaces to Level 5 finish. Sherwin-Williams - Vinyl Acrylic Systems 1st Coat: S-W ProMar 200 Zero VOC Interior Latex Primer, B28W02600 Series – use "P"shade primer.

Finish: Flat Sheen (at 85 degrees): 0 - 5 units. Thickness: (Mils per coat) 4 wet; 1.5 dry. 2nd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series 3rd Coat: S-W ProMar 200 Zero VOC Latex Semi-Gloss, B31-2600 Series Finish: Semi-gloss Sheen (at 60 degrees): 25 - 35 units

Thickness (Mils per coat): 4 wet; 1.5 dry F. Drywall - Interior behind Wall Panels, Casework etc. Preparation: Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust. Finish exposed gypsum surfaces to Level 5 finish. Sherwin-Williams - Vinvl Acrylic

1st Coat: S-W ProMar 200 Zero VOC Interior Latex Wall, Primer, B28W2600 Series. Sheen (at 85 degrees): 0 - 5 units Thickness (Mils per coat): 4 wet; 1.5 dry. G. Woodwork - Stained & Varnished - Clear Finish Preparation: Wood must be dry and cleaned of dirt, grease, wax, polish, marks, and old finishes. Sand wood to a smooth surface using 100-120 grit paper. Remove sanding dust with a vacuum or tack cloth. New wood must be stored inside for a minimum of 24 hours prior to

1st Coat: S-W WoodClassics 250 g/L Stain, A49W800 Series

2nd Coat: S-W SHERWOOD Natural Filler, D70T1 3rd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC 4th Coat: S-W Minwax WB Polyurethane, <275 g/L VOC Finish: Satin or gloss, as selected by Architect. Closed Grain Wood 1st Coat: S-W WoodClassics 250g/L Stain, A49W800 Series 2nd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC

3rd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC, Finish: Satin or gloss, as selected H. Woodwork - Natural - Clear Finish Preparation: Wood must be dry and cleaned of dirt, grease, wax, polish, marks, and old finishes. Sand wood to a smooth surface using 100-120 grit paper. Remove sanding dust with a vacuum or tack cloth. New wood must be stored inside for a minimum of 24 hours prior to Open Grained Wood

3rd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC Finish: Satin or gloss, as selected by Architect. Closed Grain Wood 1st Coat: S-W Minwax WB Polyurethane, <275 g/L VOC 2nd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC Finish: Satin or gloss, as

1st Coat: S-W SHERWOOD Natural Filler, D70T1

2nd Coat: S-W Minwax WB Polyurethane, <275 g/L VOC

22 4000 PLUMBING FIXTURES

b. Sloan

c. Zurn

PRODUCTS LAVATORY FAUCETS

A. Sensor Lavatory Faucets: **Basis of Design:** See the plumbing fixture schedule on the drawings. Manufacturers: Subject to compliance with requirements, provide products by one of the a. Chicago Faucets.

COMMERCIAL SINKS A. Commercial Sinks

> Basis of Design: See the plumbing fixture schedule on the drawings. Manufacturers: Subject to compliance with requirements, provide products by one of the a. Elkay Manufacturing Co. b. Just Manufacturing Company.

EXAMINATION

A. Examine roughing-in of water supply and sanitary drainage and vent piping systems to verify actual locations of piping connections before plumbing fixture installation B. Examine cabinets, counters, floors, and walls for suitable conditions where fixtures will be installed. C. Proceed with installation only after unsatisfactory conditions have been corrected.

A. Assemble plumbing fixtures, trim, fittings, and other components according to manufacturers' written B. Install off-floor supports, affixed to building substrate, for wall-mounting fixtures.

. Use carrier supports with waste fitting and seal for back-outlet fixtures. . Use carrier supports without waste fitting for fixtures with tubular waste piping. 3. Use chair-type carrier supports with rectangular steel uprights for accessible fixtures. Install back-outlet, wall-mounting fixtures onto waste fitting seals and attach to supports. D. Install floor-mounting fixtures on closet flanges or other attachments to piping or building substrate. First paragraph below applies to wall-mounting fixtures such as lavatories and most sinks.

E. Install wall-mounting fixtures with tubular waste piping attached to supports.

F. Install counter-mounting fixtures in and attached to casework. G. Install fixtures level and plumb according to roughing-in drawings. H. Install water-supply piping with stop on each supply to each fixture to be connected to water distribution piping. Attach supplies to supports or substrate within pipe spaces behind fixtures. Install stops in locations where they can be easily reached for operation.

First paragraph below applies to counter-mounting fixtures such as lavatories and sinks.

1. Exception: Use ball, gate, or globe valves if supply stops are not specified with fixture. Valves are specified in Division 22 Section "General-Duty Valves for Plumbing Piping." I. Install trap and tubular waste piping on drain outlet of each fixture to be directly connected to sanitary J. Install tubular waste piping on drain outlet of each fixture to be indirectly connected to drainage

K. Install flushometer valves for accessible water closets and urinals with handle mounted on wide side of compartment. Install other actuators in locations that are easy for people with disabilities to reach. Install toilet seats on water closets. M. Install faucet-spout fittings with specified flow rates and patterns in faucet spouts if faucets are not available with required rates and patterns. Include adapters if required. N. Install water-supply flow-control fittings with specified flow rates in fixture supplies at stop valves. O. Install faucet flow-control fittings with specified flow rates and patterns in faucet spouts if faucets are

not available with required rates and patterns. Include adapters if required. P. Install shower flow-control fittings with specified maximum flow rates in shower arms. Q. Install traps on fixture outlets. 1. Exception: Omit trap on fixtures with integral traps. 2. Exception: Omit trap on indirect wastes, unless otherwise indicated. R. Install escutcheons at piping wall ceiling penetrations in exposed, finished locations and within cabinets and millwork. Use deep-pattern escutcheons if required to conceal protruding fittings.

Escutcheons are specified in Division 22 Section "Common Work Results for Plumbing."

Section "Common Work Results for Plumbing." Delete paragraph below if sealants are specified in Division 07 Section "Joint Sealants." T. Seal joints between fixtures and walls, floors, and countertops using sanitary-type, one-part, mildewresistant silicone sealant. Match sealant color to fixture color. Sealants are specified in Division 07 Section "Joint Sealants." U. All plumbing fixtures are to be mounted at the height specified on the Architectural drawings.

S. Set bathtubs and service basins in leveling bed of cement grout. Grout is specified in Division 22

1. Coordinate piping installations and specialty arrangements with schematics on Drawings and with requirements specified in piping systems. If Drawings are explicit enough, these requirements may be reduced or omitted. A. Piping installation requirements are specified in other Division 22 Sections. Drawings indicate general arrangement of piping, fittings, and specialties. B. Connect fixtures with water supplies, stops, and risers, and with traps, soil, waste, and vent piping. Use size fittings required to match fixtures. C. Ground equipment according to Division 26 Section "Grounding and Bonding for Electrical

D. Connect wiring according to Division 26 Section "Low-Voltage Electrical Power Conductors and FIELD QUALITY CONTROL A. Verify that installed plumbing fixtures are categories and types specified for locations where installed. B. Check that plumbing fixtures are complete with trim, faucets, fittings, and other specified

Inspect installed plumbing fixtures for damage. Replace damaged fixtures and components.

D. Test installed fixtures after water systems are pressurized for proper operation. Replace

malfunctioning fixtures and components, then retest. Repeat procedure until units operate properly. E. Install fresh batteries in sensor-operated mechanisms. ADJUSTING A. Operate and adjust faucets and controls. Replace damaged and malfunctioning fixtures, fittings, and In paragraph below, delete appliances not included in this Section. Delete fixture types in first paragraph below not in Project.

Replace washers and seals of leaking and dripping faucets and stops. D. Install fresh batteries in sensor-operated mechanisms. A. Clean fixtures, faucets, and other fittings with manufacturers' recommended cleaning methods and materials. Do the following: 1. Remove faucet spouts and strainers, remove sediment and debris, and reinstall strainers and

B. Adjust water pressure at faucets and flushometer valves to produce proper flow and stream.

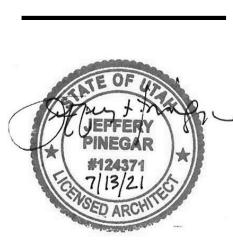
2. Remove sediment and debris from drains. B. After completing installation of exposed, factory-finished fixtures, faucets, and fittings, inspect exposed finishes and repair damaged finishes.

PLUMBING FIXTURE SCHEDULE (see the plumbing fixture schedules on the drawings)

B. Do not allow use of plumbing fixtures for temporary facilities unless approved in writing by Owner.

A. Provide protective covering for installed fixtures and fittings.

SALT LAKE CITY, UT 84102



DATE DESCRIPTION

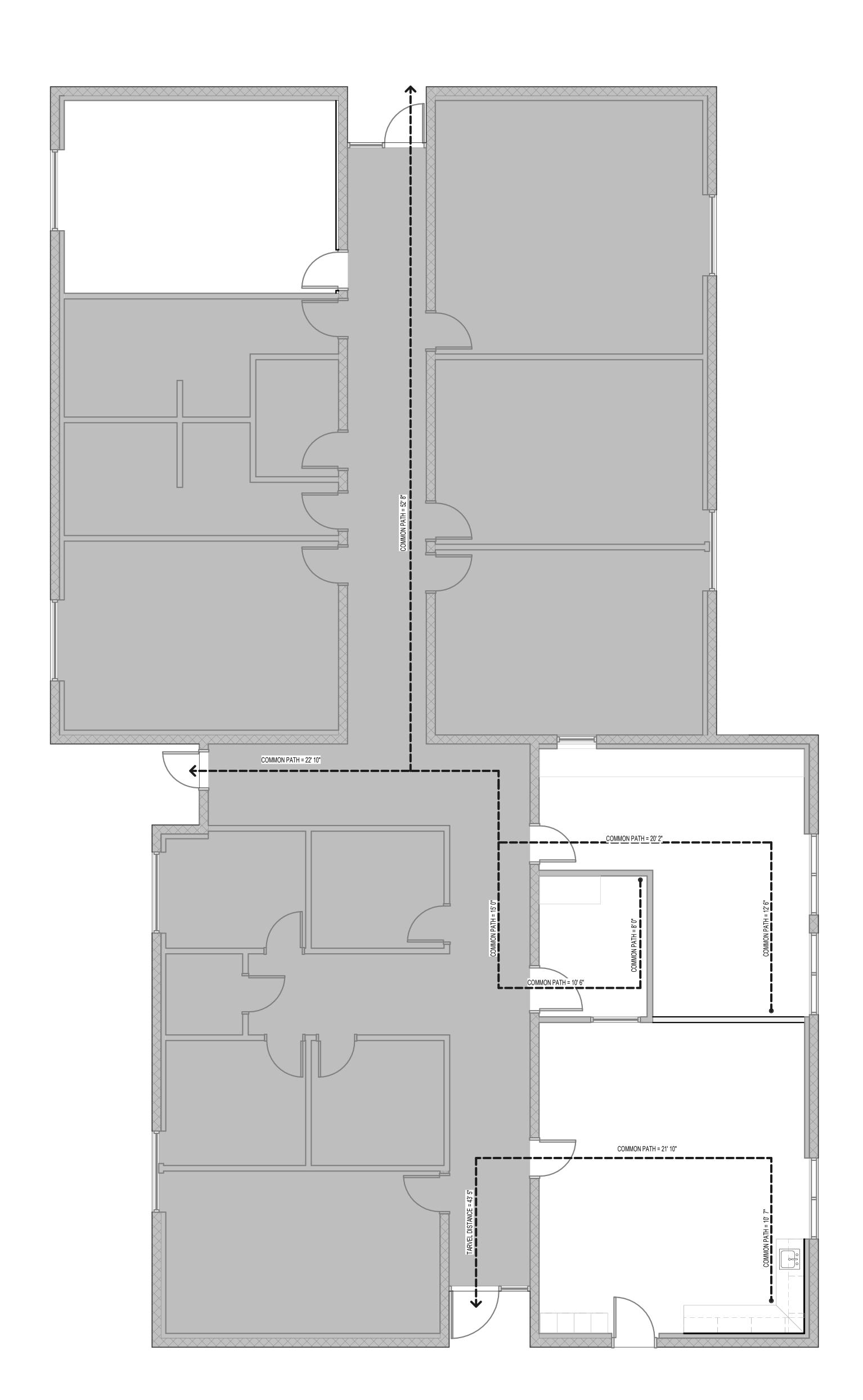
CLIENT NUMBER: 10011354 DATE:

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PROJECT & PRODUCT SPECIFICATIONS



A3 PLAN - LEVEL 01 - CODE + LIFE SAFETY

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

DESIGN DATA

GOVERNING BUILDING CODES:

IBC 2018, to include Appendix J; ANSI 117-1 2009; IFC 2018 w/ UTAH AMENDMENTS; IMC 2018; IPC 2018; IECC 2018; IFGC 2018; NEC 2017

OCCUPANCY TYPE - CH.3 B - BUSINESS (304)

CONSTRUCTION TYPE - CH.6

ACTUAL HEIGHT - 22 FEET

(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).

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

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 509.4.2

 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

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:

PER TABLE 601 PRIMARY STRUCTURAL FRAME - **0** HOUR BEARING WALLS - **0** HOUR INTERIOR - **0** HOUR

 NON-BEARING WALLS & PARTITION INTERIOR 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 THAT 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

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

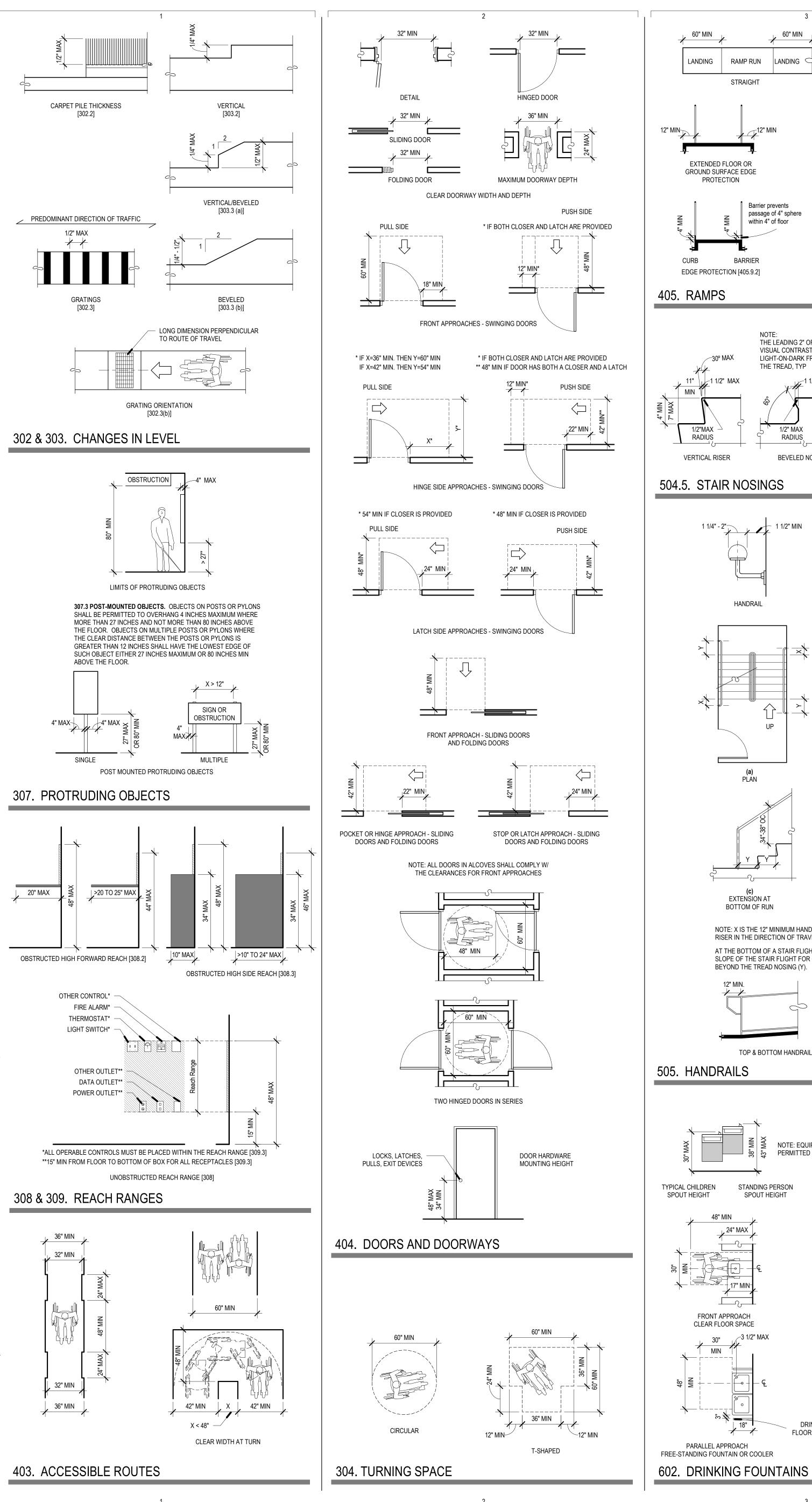
 CORRIDORS AND OTHER EXIT WAYS - CLASS C ROOMS AND ENCLOSED SPACES - CLASS C

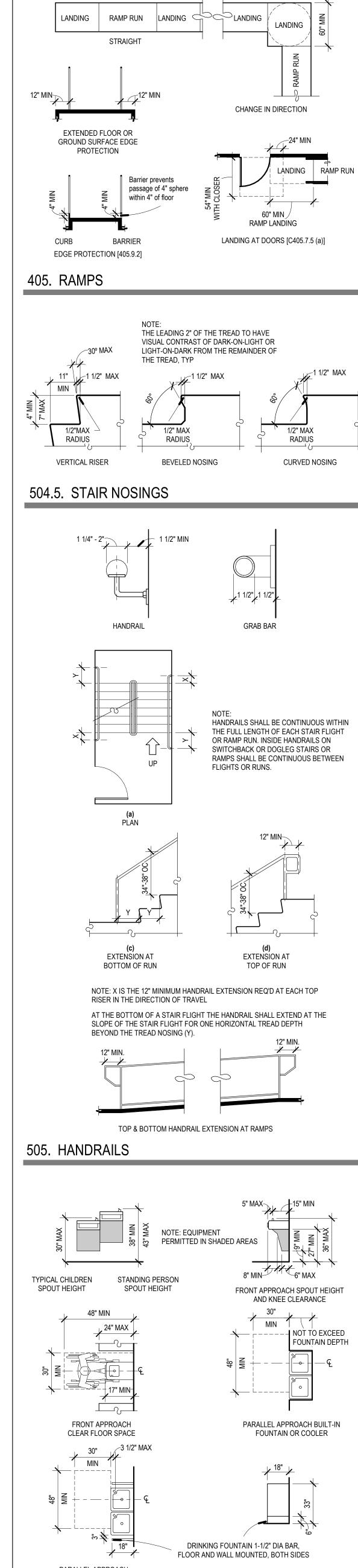
INTERIOR FLOORS FINISH: PER 804 IN SPRINKLERED BUILDING - CLASS I & II 524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

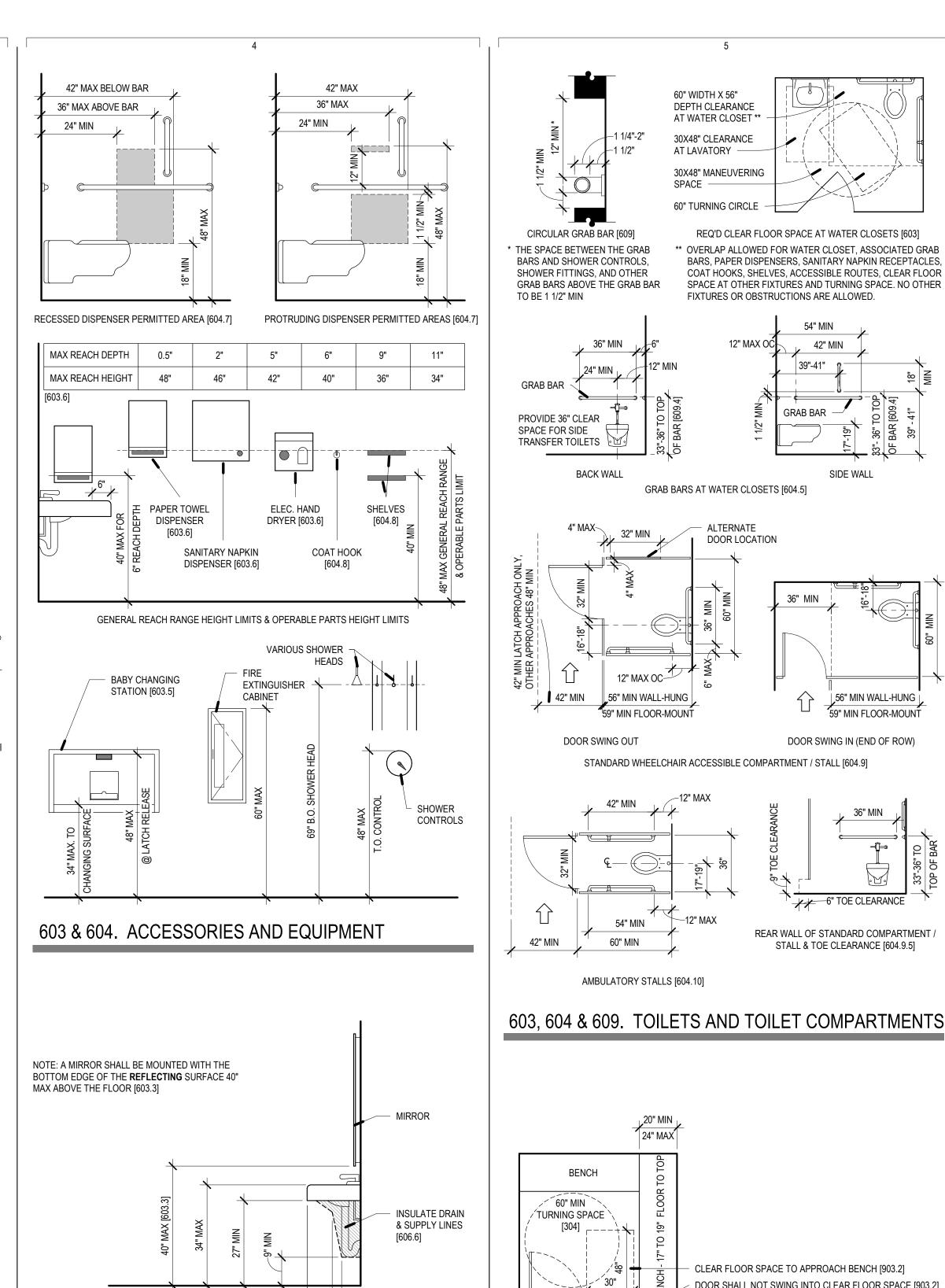


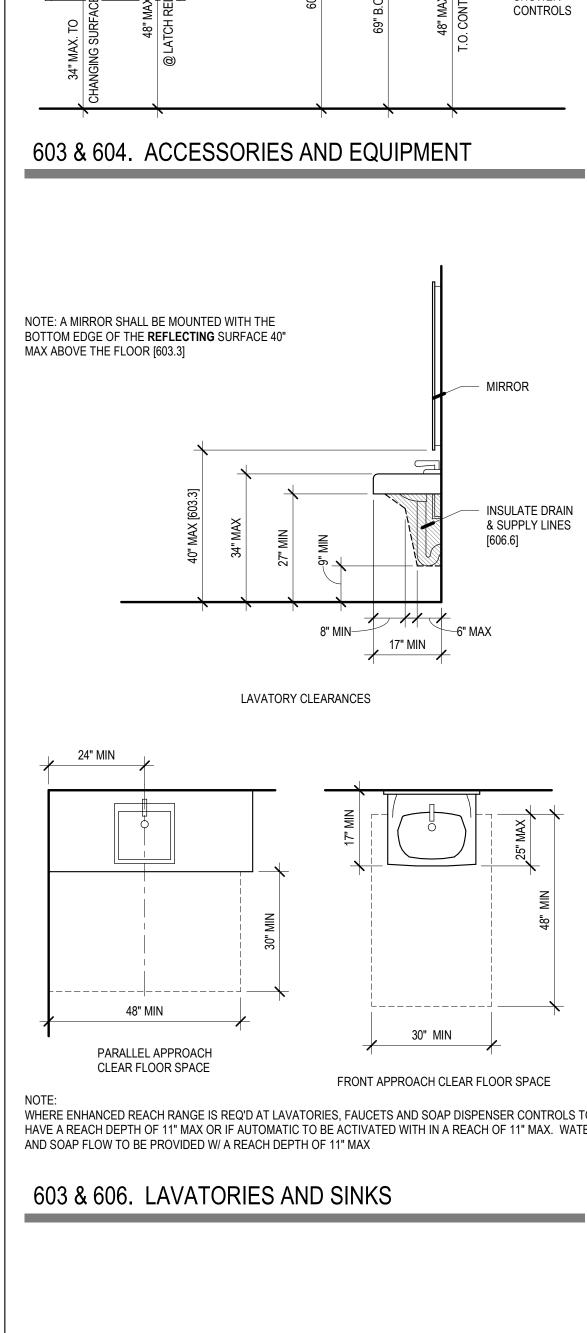
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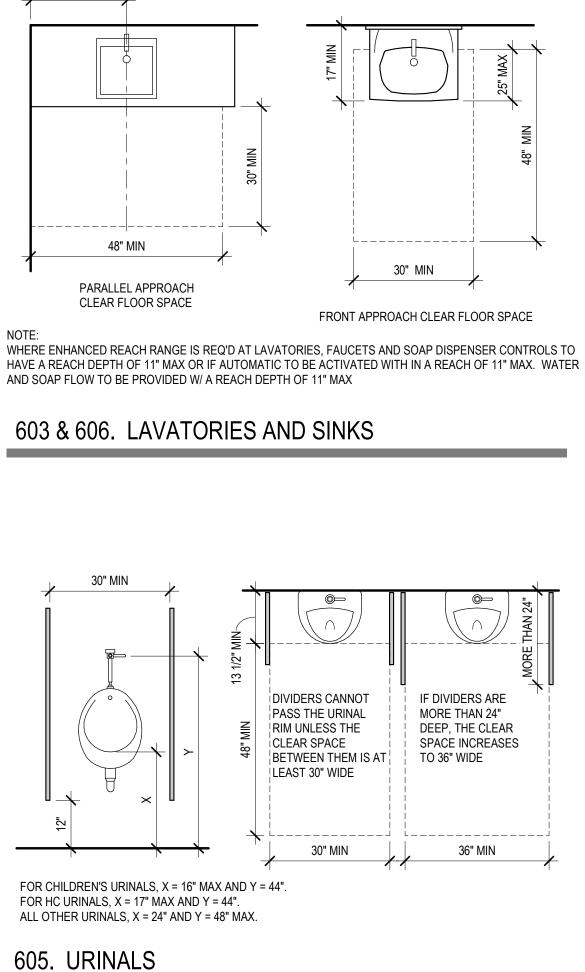
CLIENT NUMBER: 10011354 DATE: 2021-09-14

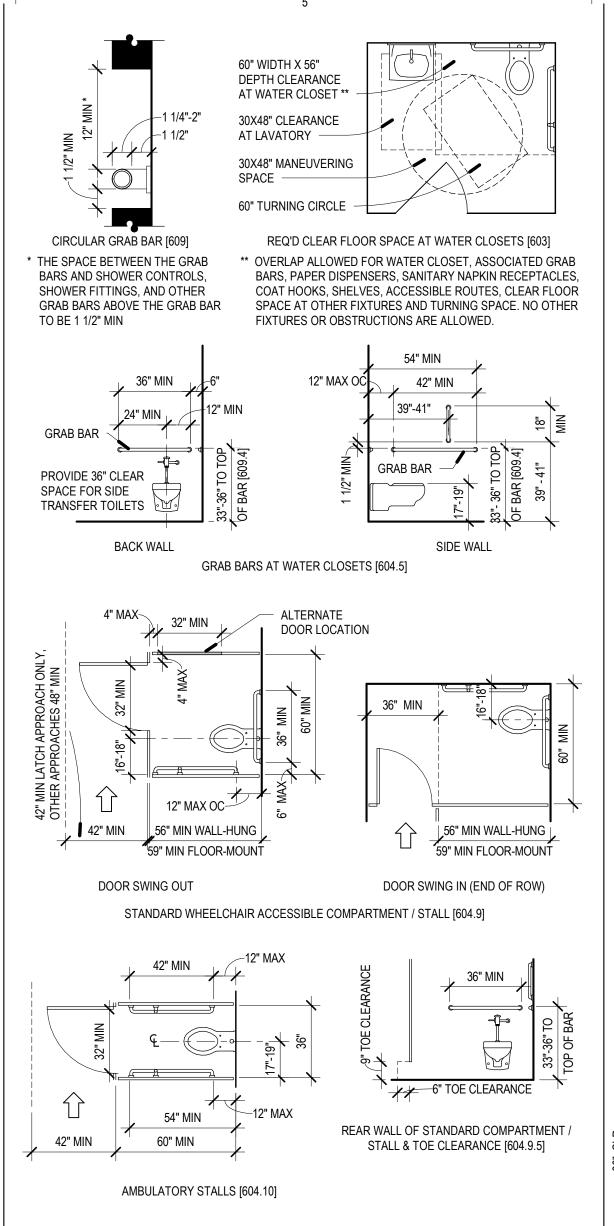












CLEAR FLOOR SPACE TO APPROACH BENCH [903.2]

42" MIN

BENCH

48" MIN [305.3]

_2.5" MAX

BENCH SIZE OPTIONS FOR CLEAR FLOOR SPACE

BENCH BACK SUPPORT AND SEAT HEIGHT

DOOR SHALL NOT SWING INTO CLEAR FLOOR SPACE [903.2]

60" MIN

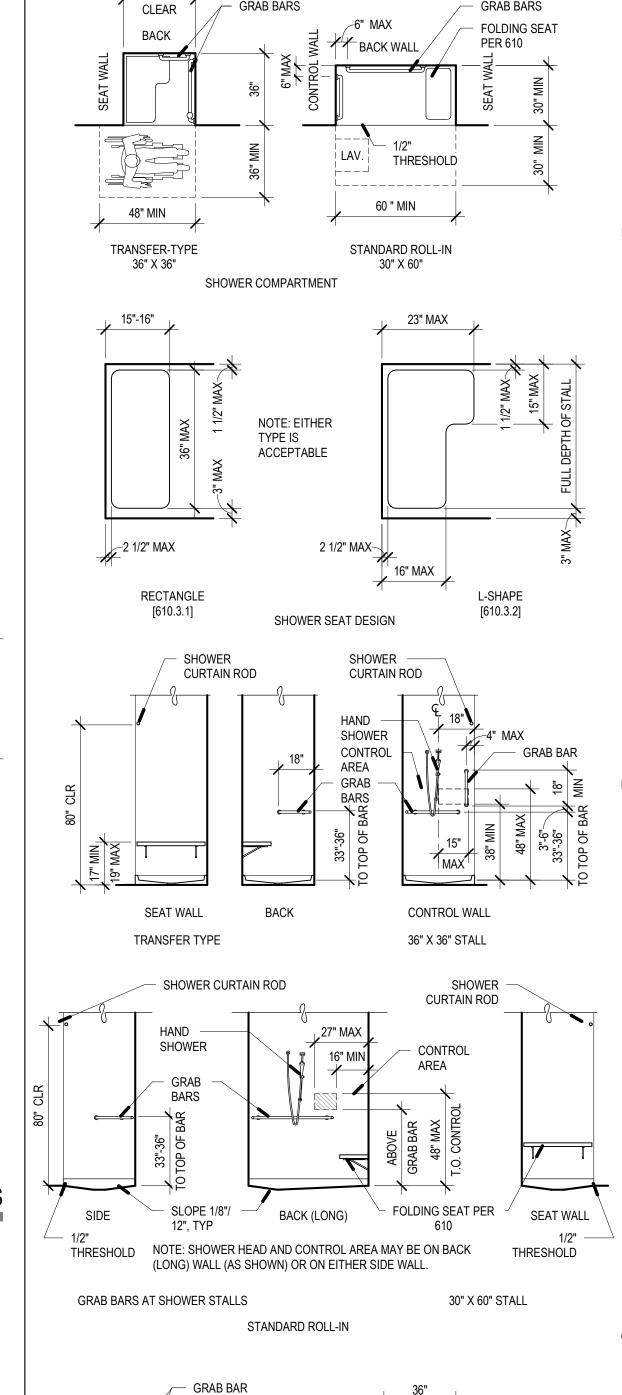
TURNING SPACE `

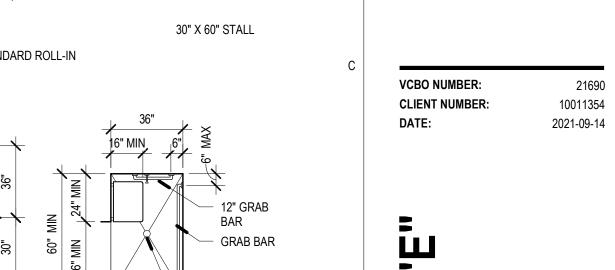
[304] ___

612. SAUNA AND STEAM ROOMS

30" MIN [305.3]

305 & 903. BENCHES





ALTERNATE ROLL-IN

524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

DATE DESCRIPTION

10011354

ROLL-IN SHOWER W/ FOLDING SEAT

608 & 610. SHOWER COMPARTMENTS

LAV.

NOTES:

DIAGRAMS BASED ON ANSI A117.1-2009

FROM ANSI A117.7-2009

• NUMBERED DRAWINGS REFERENCE SECTION CODES

ROLL-IN W/ SEAT

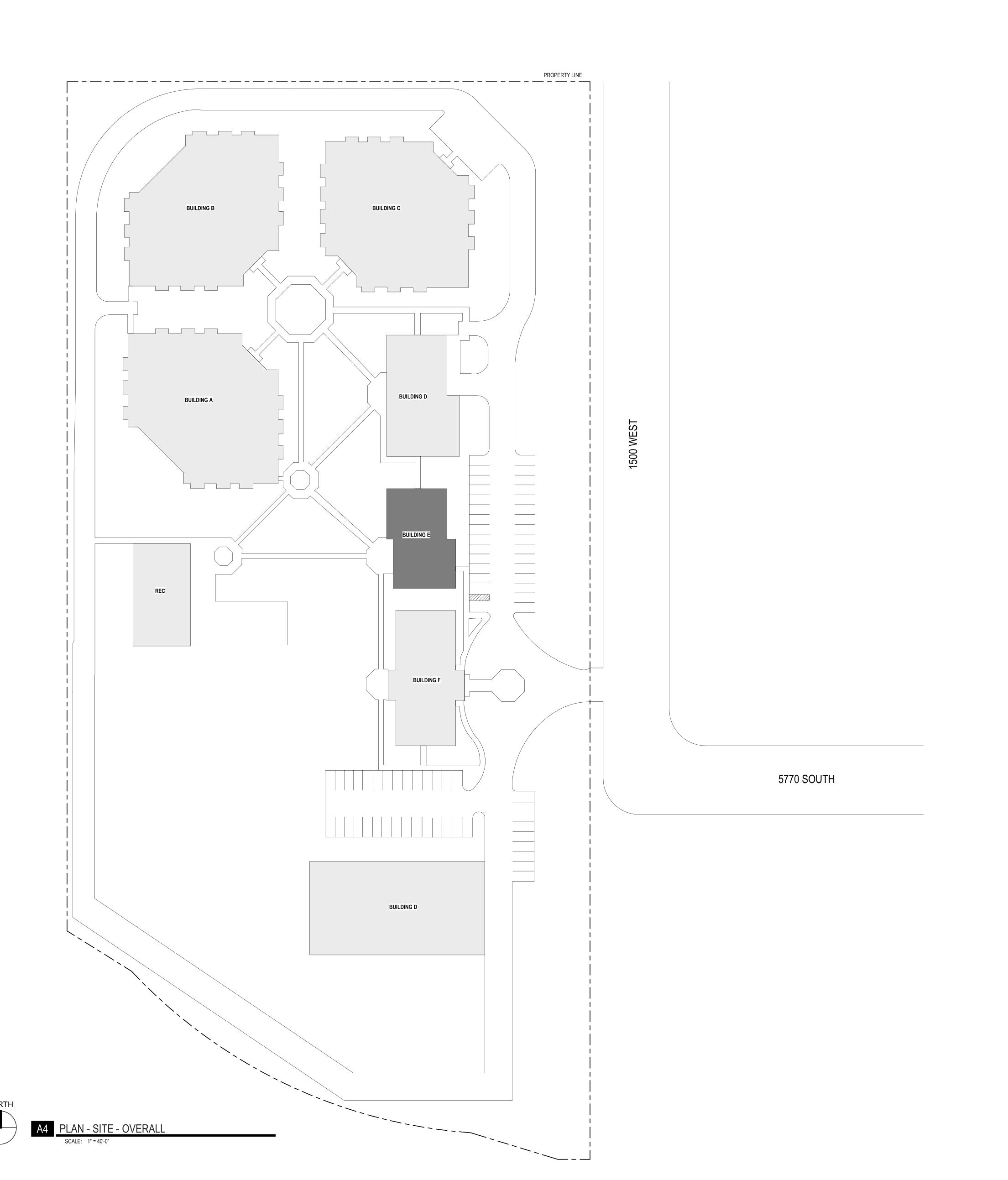


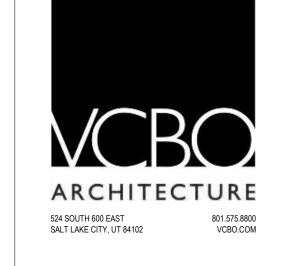
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G301







REV DATE DESCRIPTION

21690 10011354 2021-09-14

AS101



GENERAL DEMOLITION NOTES

DURATION OF CONSTRUCTION.

- 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. ABATEMENT 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 NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE
- 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 SPRINKLERS AND FIRE ALARM SYSTEMS) THROUGHOUT CONSTRUCTION. COORDINATE ANY INTERRUPTION TO THESE SYSTEMS WITH THE OWNER AND FIRE MARSHAL. PROVIDE FIRE WATCH 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 CHASES, PATCH HOLES IN FLOORS OR WALLS TO REMAIN 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.

CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, ETC.)

- 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. -
- 11. FOR EXTENT AND LOCATION OF CHANNELING OF FLOOR SLABS, REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. IF PIPING OR CONDUIT WORK (OTHER THAN THE DESIRED CONNECTION) IS ENCOUNTERED WHILE CHANNELING, NOTIFY THE ARCHITECT BEFORE
- 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 RATING. 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
- 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
- 19. FIELD VERIFY AND COORDINATE SAW CUTTING OF THE CONCRETE FLOOR SLAB WITH PLUMBING AND ELECTRICAL.
- 20. REPLACE SLAB AND TRENCH BY COMPACTING CLEAN GRAVEL IN 8 INCH LIFTS. DRILL AND EPOXY #4 REBAR DOWELS INTO EXISTING SLAB @ 12" O.C. EPOXY PER DETAIL D4/SB602. 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.

DEMOLITION LEGEND

	HALF-TONE LINES DENOTES ITEMS TO REMAIN
= = =	DASHED LINED 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 7. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION WORK.
	FLOORING AND CEILING TILES, TO BE REMOVED WITHIN AREA INDICATED. PRESERVE CEILING GRID.

KEYED NOTES

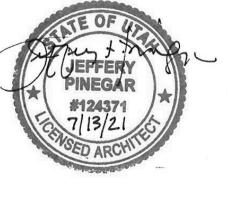
2-2601.0

- EXISTING CABINET, REMOVE & DISPOSE IN ITS ENTIRETY

- EXISTING FLOORING, REMOVE & DISPOSE IN ITS ENTIRETY EXISTING CEILING SYSTEM, PROTECT AS NECESSARY, REPAIR AS REQUIRED
- EXISTING CERAMIC OVEN (FLOOR MOUNTED), REMOVE & DISPOSE IN ITS ENTIRETY. PREPARE FOR NEW FINISHES
- EXISTING WALL MOUNTED EXHAUST HOOD, REMOVE & DISPOSE IN ITS ETIRETY. DUCTS TO BE B
- 2-2601.0 EXISTING LIGHT FIXTURE, PROTECT AS NECESSARY, REPAIR AS REQUIRED
- 2-2601.3 EXISTING LIGHTING FIXTURES, SALVAGE FOR REUSE AS SHOWN



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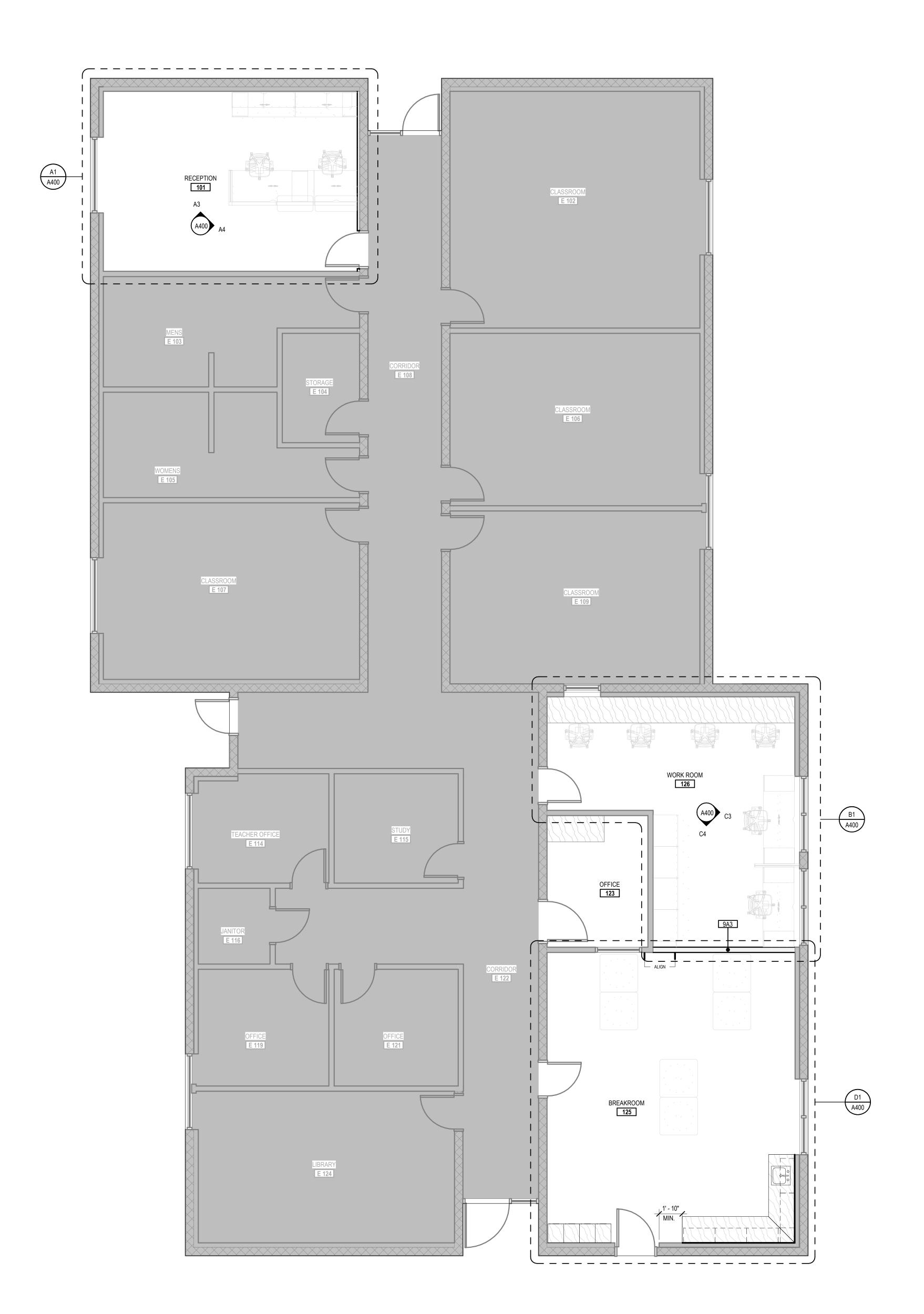
2021-09-14 DATE:

EXISTING CABINET, REMOVE & SALVAGE FOR REUSE AS SHOWN EXISTING COUNTERTOP, PROTECT AS NECESSARY, REPAIR AS REQUIRED EXISTING COUNTERTOP, REMOVE & DISPOSE IN ITS ENTIRETY EXISTING 3-5/8" METAL STUD FRAMING, REMOVE & DISPOSE IN ITS ENTIRETY

EXISTING ACOUSTICAL CEILING TILE SYSTEM, REMOVE & DISPOSE IN ITS ENTIRETY

EXISTING SPRINKLER HEAD, PROTECT AS NECESSARY, REPAIR AS REQUIRED EXISTING SINK + FAUCET, REMOVE & DISPOSE IN ITS ENTIRETY CAPPED IN PLACE

2-3211.0 EXISTING DIFFUSER, REMOVE & SALVAGE FOR REUSE



A3 PLAN - LEVEL 01 - ANNOTATED + DIMENSION

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



GENERAL NOTES

- 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 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.
- 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.
- 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%.
- 2. SEE SHEET **A580** FOR TYPICAL FLOORING TRANSITION DETAILS.
- 3. SEE SHEET **A520** FOR TYPICAL FIRE EXTINGUISHER CABINET INSTALLATION DETAILS





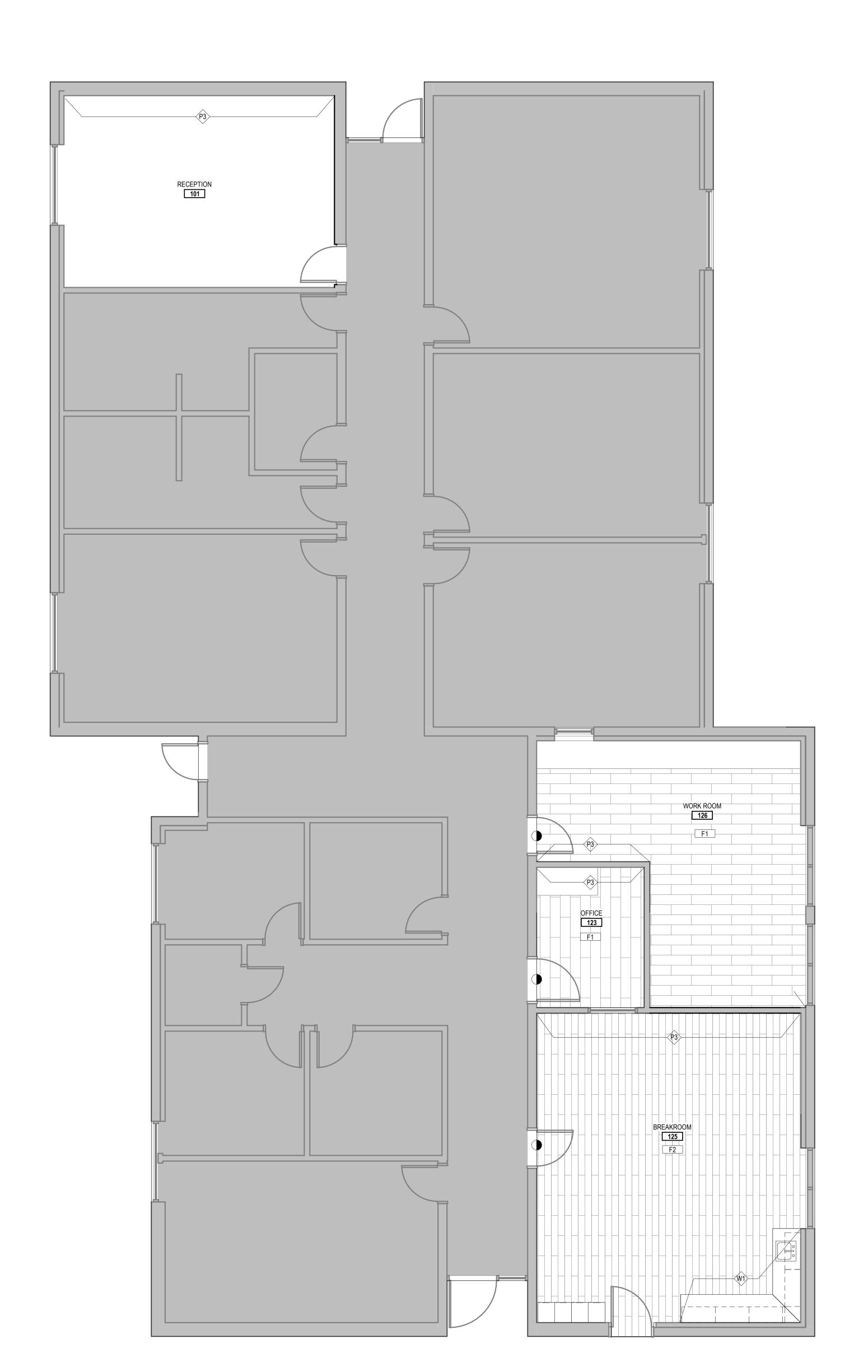
REV DATE DESCRIPTION

BO NUMBER: 21690
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- BUILDING "E"

AMOUNTAIN WASATCH CANYONS -

ANNOTATED + DIMENSION PLAN - LEVEL 01



	KEY - FINISH							
KEY NAME	FINISH - DESCRIPTION	FINISH - MANUFACTURER	FINISH - NAME	FINISH - COLOR	FINISH - COMMENTS			
FLOOR								
F1	CARPET TILE	SHAW CONTRACT	THE PARK- DRIFT TILE 5T142	COEXIST				
F2	LVT	MANNINGTON COMMERCIAL	COLOR ANCHOR - STRIDE	CRUMB CAKE C134	MIN 20 MIL WEAR LAYER/MIN 2.5 THICKNESS			
BASE			1					
B1	RUBBER BASE	MANNINGTON COMMERCIAL	BURKEBASE TYPE TP - COVED	209 GRAY BEIGE	4" HIGH THERMOPLASTIC COVED RUBBER WALL BASE, 100' CONTINUOUS ROLL, PROVIDE FACTORY PRE-FORMED CORNERS; MANUF. REC ADHESIVE			
PAINT								
P1	PAINT- GENERAL	SHERWIN WILLIAMS	LOW-VOC ACRLYIC LATEX - EGGSHELL FINISH	SW 7005 PURE WHITE	TYPICAL WALL COLOR THROUGHOUT, UNO			
P1-A	PAINT- GENERAL	SHERWIN WILLIAMS	LOW-VOC ACRLYIC LATEX - SEMIGLOSS FINISH	SW 7005 PURE WHITE	TYPICAL DOOR FRAME, UNO			
P2	PAINT- GENERAL	SHERWIN WILLIAMS	LOW-VOC ACRLYIC LATEX - EGGSHELL FINISH	SW 7043 WORDLY GRAY				
P3	PAINT - ACCENT	SHERWIN WILLIAMS	LOW-VOC ACRLYIC LATEX - EGGSHELL FINISH	SW 9063 PORCH CEILING	(SEE FINISH PLAN)			
SURFACE								
S1	PLASTIC LAMINATE	LAMIN-ART	3056-VT (VELVA-TEX FINISH)	MYSTIC WOOD	HIGH PRESSURE DECORATIVE LAMINATE WITH SCRATCH RESISTANCE; 3MM MATCHING PVC EDGE, TYPICAL LAMINATE THROUGHOUT, UNO			
S2	PLASTIC LAMINATE	WILSONART	8213K-28 (GLOSS LINE FINISH)	PHANTOM COCOA	HIGH PRESSURE DECORATIVE LAMINATE WITH SCRATCH RESISTANCE; 3MM MATCHING PVC EDGE			
WALL		1		'				
W1	CERAMIC TILE	CERAMIC TECHNICS	MOSA-KHO LIANGE LE	16900(20%); 16901(20%); 16903(20%); 16904(20%); 16905(20%)	4" x 4"; STRAIGHT BOND INSTALLATION; RANDOM COMBINATION; REFER TO ELEVATION			

ROOM FINISH SCHEDULE							
				WALL FINISHES			
ROOM NAME	ROOM NUMBER	FLOOR FINISH	BASE FINISH	TOP WALL	RIGHT WALL	BOTTOM WALL	LEFT WALL
RECEPTION	101	N/A	N/A	P3	P1	P1	P1
OFFICE	123	F1	B1	P3	P2	P2	P2
BREAKROOM	125	F2,F3	B1	P2	P2	P2,W1	P2
WORK ROOM	126	F1	B1	P2	P1	P1	P1

FINISH PLAN SYMBOLS

SINGLE FINISH SYMBOLS INDICATE WHERE FLOOR FINISHES ARE DIFFERENT FROM GENERAL FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

SINGLE FINISH SYMBOLS INDICATE WHERE WALL FINISHES ARE DIFFERENT FROM GENERAL FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

CHANGE AT FLOOR MATERIAL

SIGNAGE TAG- SEE SIGNAGE SHEETS FOR DETAILS

DIRECTION FINISH IS TO BE INSTALLED

— - WALL PROTECTION AS SCHEDULED

CG-X CORNER GUARD AS SCHEDULED

GENERAL FINISH NOTES

NOT IN CONTRACT

1. PROVIDE EPOXY PAINT AT ALL RESTROOMS, SHOWERS, LOCKER ROOMS AND JANITOR

2. ALL PAINTED STEEL BRACING AND COLUMNS TO BE PAINTED, UNLESS NOTED OTHERWISE.

3. AT SOFFITS RECEIVING COLOR - PAINT ALL SIDES OF SOFFIT.

4. ALL EXPOSED CEILINGS TO BE PAINTED. REFER TO REFLECTED CEILING PLANS.

5. ALL FLOOR TRANSITIONS TO BE LOCATED AT CENTER OF DOOR, U.N.O.

 PROVIDE A SMOOTH TRANSITION AT ALL FLOOR MATERIALS - CONTRACTOR TO INSTALL ALL FLOOR FINISHES AT SAME LEVEL, DESPITE DIFFERENT THICKNESS. PROVIDE FLOOR TRANSITION WHERE OCCURS.

7. SEE SHEET A580 FOR FLOORING TRANSITION DETAILS.

8. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.

ALL WALLS RECEIVING TILE WAINSCOT TO RECEIVE PAINT P5 ABOVE, U.N.O. SEE FINISH PLANS FOR ACCENT WALL LOCATIONS.

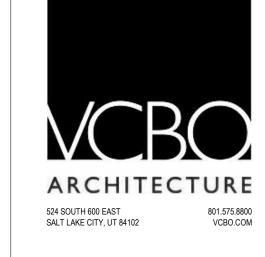
10. ALL GROUT JOINTS TO BE NO LARGER THAN 1/8".

11. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.

12. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.

13. ALL COUNTERTOP, BACKSPLASHES, AND EDGE BANDING TO HAVE COORDINATING

14. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.

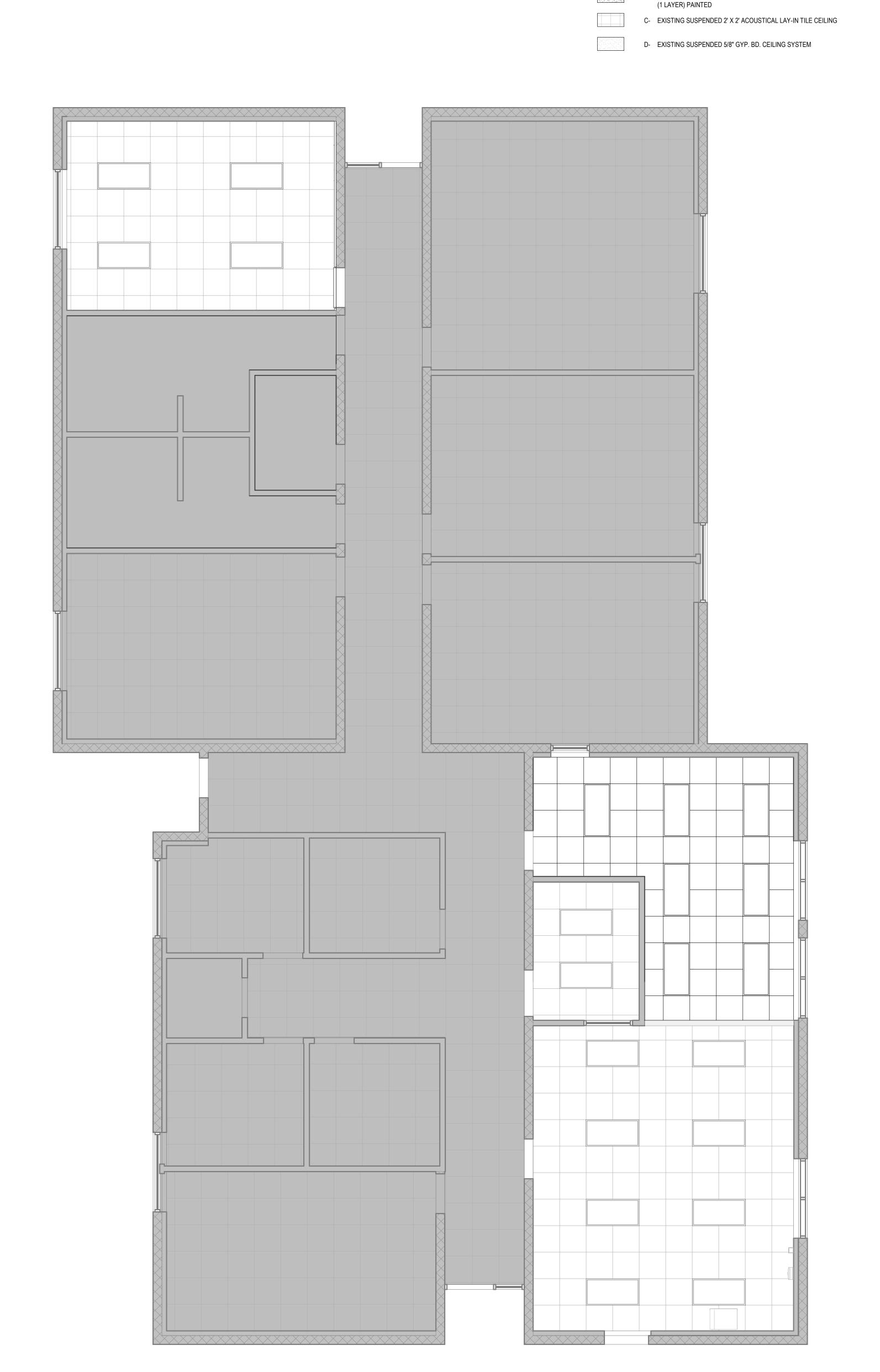




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ANYONS



CEILING SYMBOLS

CEILING LEGEND

A- SUSPENDED 2' X 2' ACOUSTICAL LAY-IN TILE CEILING

B- SUSPENDED 5/8" GYP. BD. CEILING SYSTEM -

ELECTRICAL MECHANICAL 2'X4' LED FIXTURE 2'X2' LED FIXTURE

1'X4' LED FIXTURE

RECESSED DOWN LIGHT

EXIT SIGN, SINGLE-SIDED

EXIT SIGN, DOUBLE-SIDED

GENERAL CEILING NOTES

SUPPLY GRILLE

RETURN GRILLE

EXHAUST GRILLE

LINEAR DIFFUSER

1. REFER TO DETAIL C6/A530 FOR TYPICAL CEILING SUSPENSION & SEISMIC BRACING

2. REFER TO DETAIL **A6/A530** FOR TYPICAL SUSPENDED GYP. BOARD CEILINGS

3. 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

5. PAINT ALL EXPOSED STRUCTURE, MECHANICAL, DUCTS, ELECTRICAL WORK, PIPING, ETC. ALL VISIBLE ELEMENTS TO BE PAINTED AT TYPE "E" & TYPE "F" (ABOVE

6. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF MECHANICAL GRILLES, AND TO MECHANICAL DRAWINGS FOR QUANTITIES AND TYPES

7. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF LIGHT FIXTURES AND TO ELECTRICAL DRAWINGS FOR QUANTITY AND TYPES

8. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE WORK WITH SPRINKLER CONTRACTOR TO AVOID CONFLICTS IN FIELD

9. ALL CEILING HEIGHTS ARE ELEVATION ABOVE TOP OF CONCRETE FLOOR SLAB

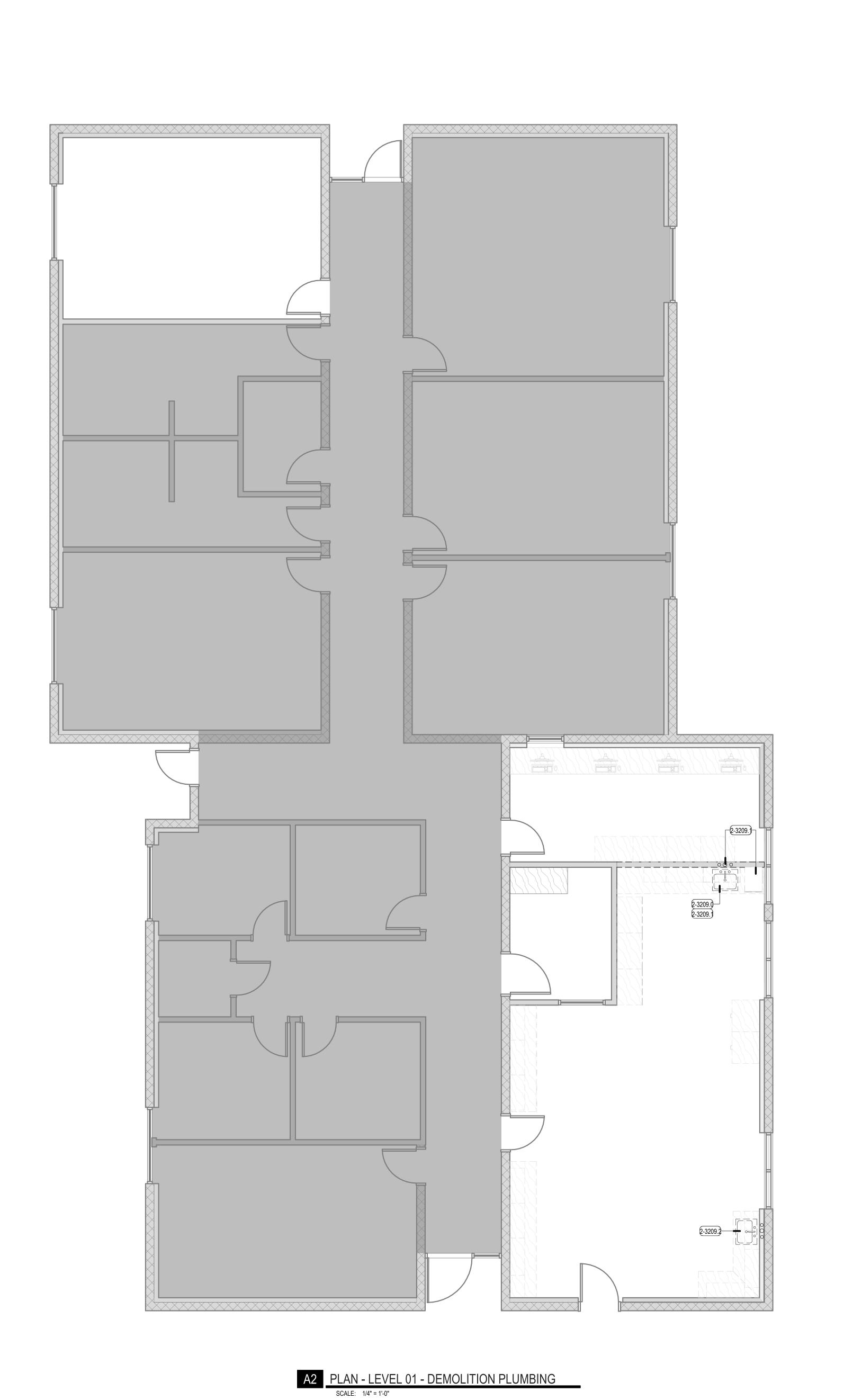
10. ALL TYPE C CEILINGS IN RESTROOMS, LOCKER ROOMS, SHOWERS, AND WET AREAS TO BE EPOXY PAINTED

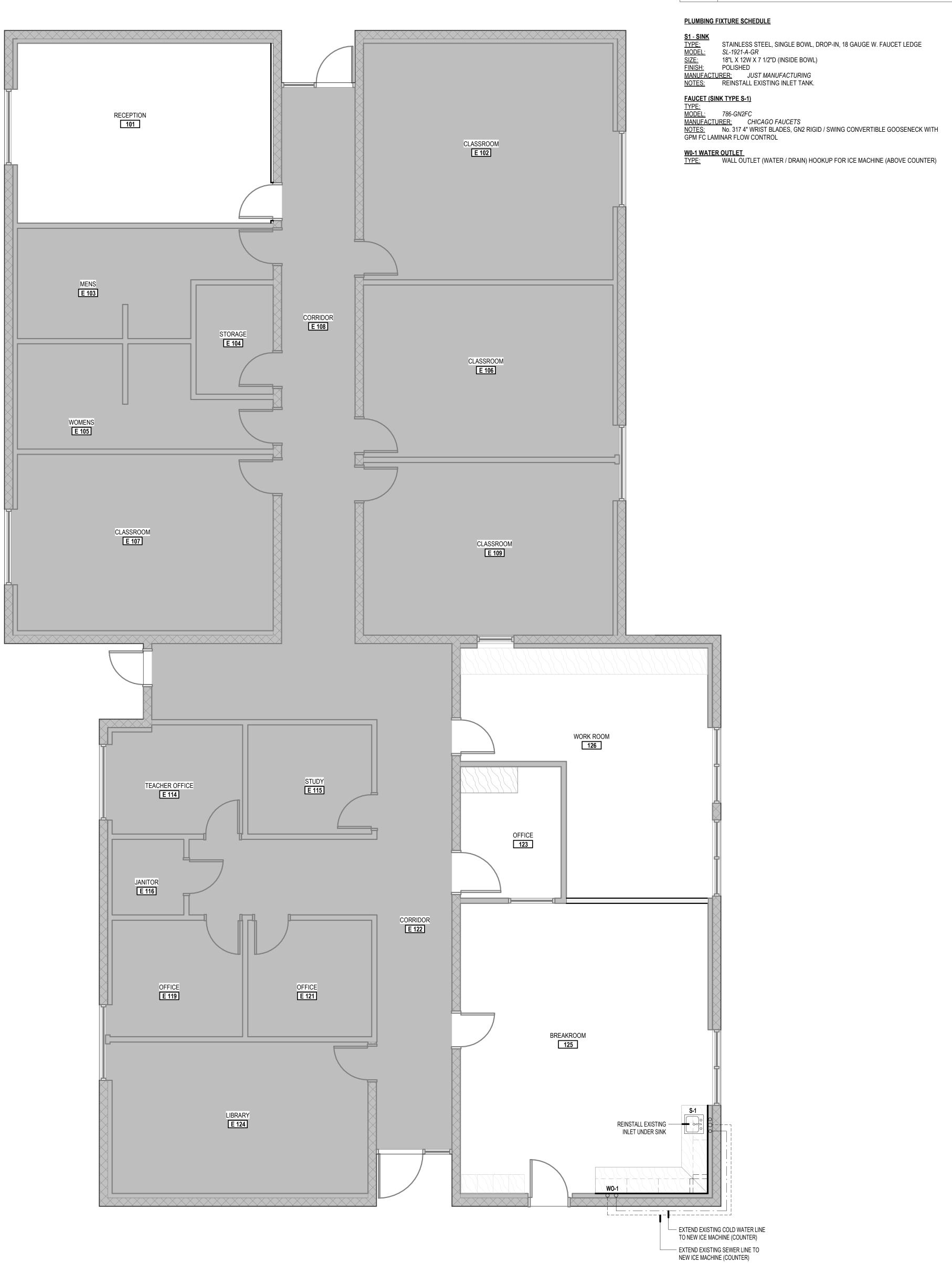
KEYED NOTES

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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



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A2 PLAN - LEVEL 01 - DEMOLITION ELECTRICAL

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

IN WASATCH CANYONS - E

ARCHITECTURE

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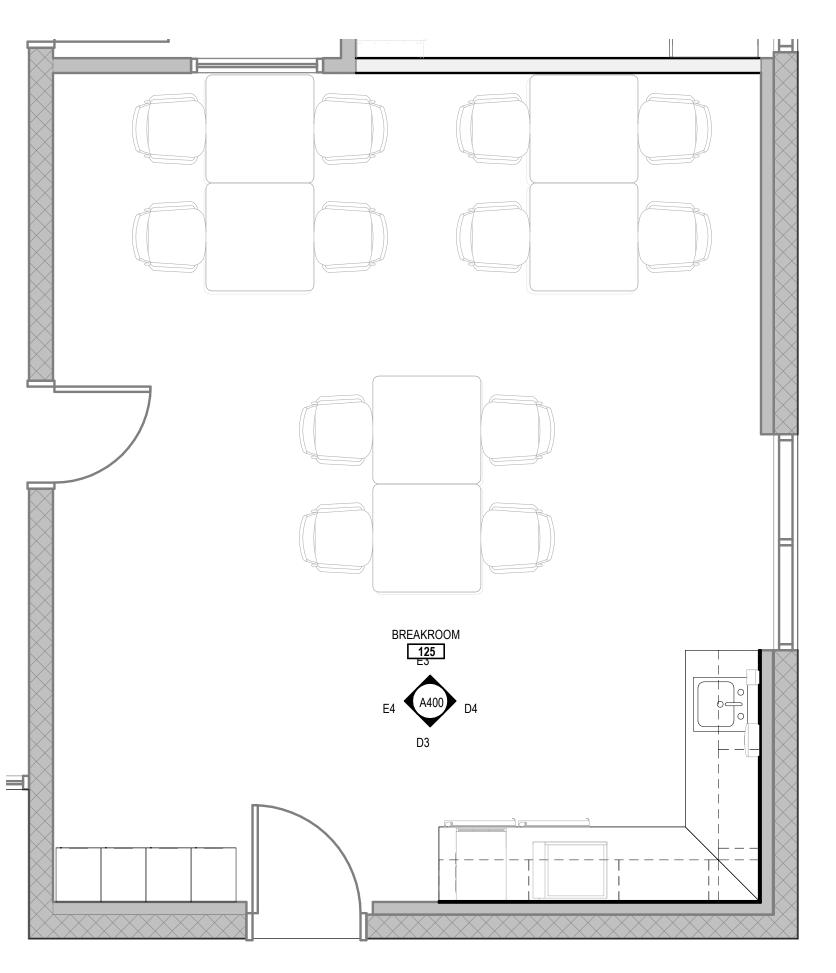
EMODEL

ERMOUNTAIN HEALTHCARE

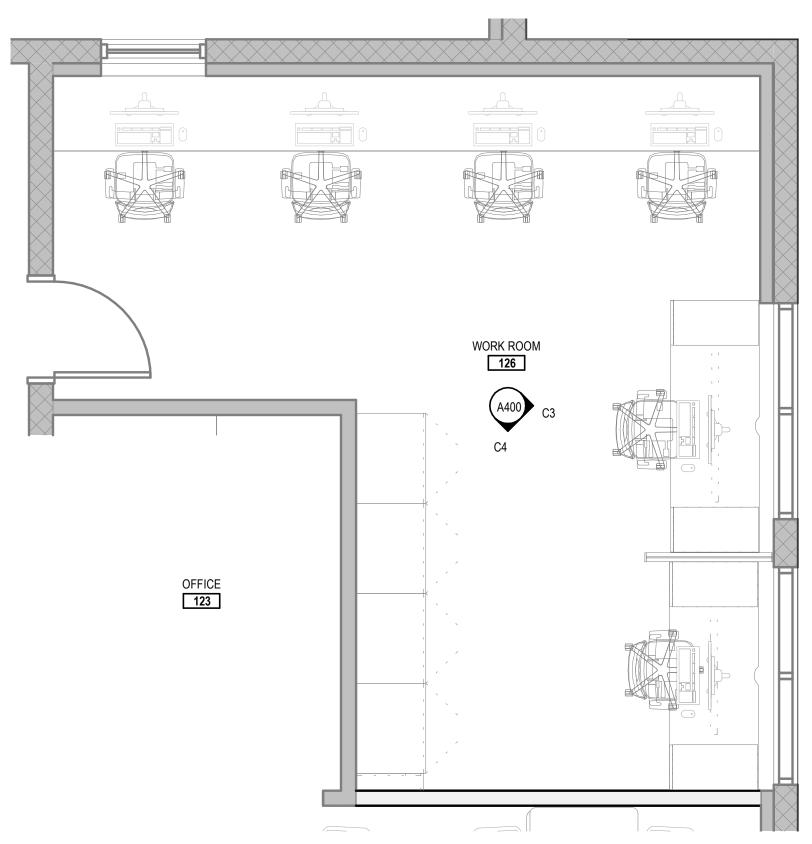
ELECTRICAL PLAN

A110.7

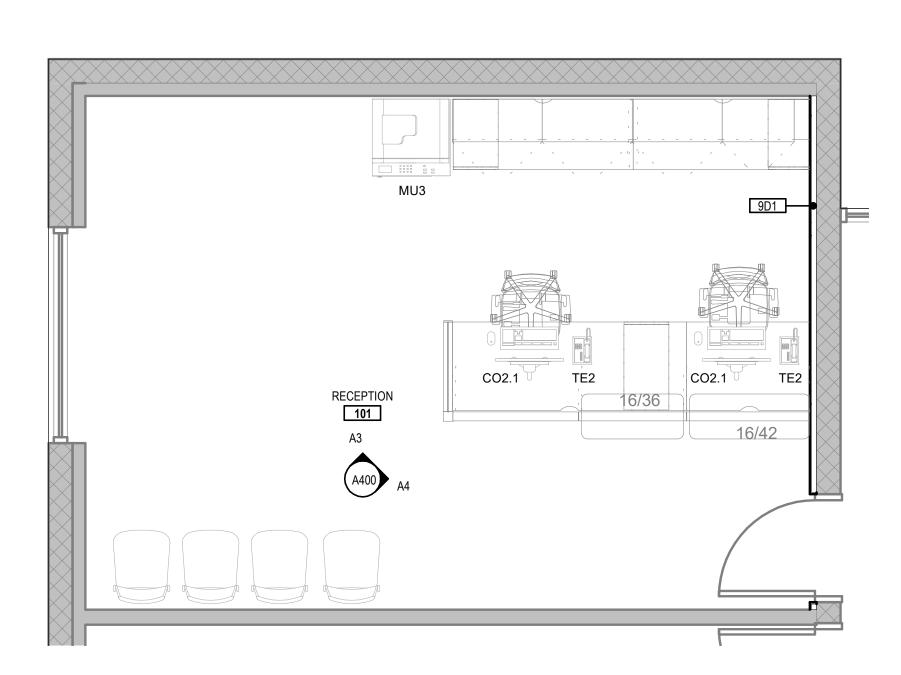
CONS



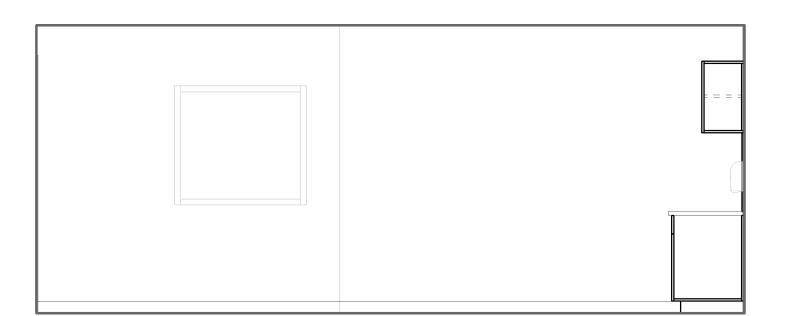




B1 WORKROOM 126 - ENLARGED PLAN

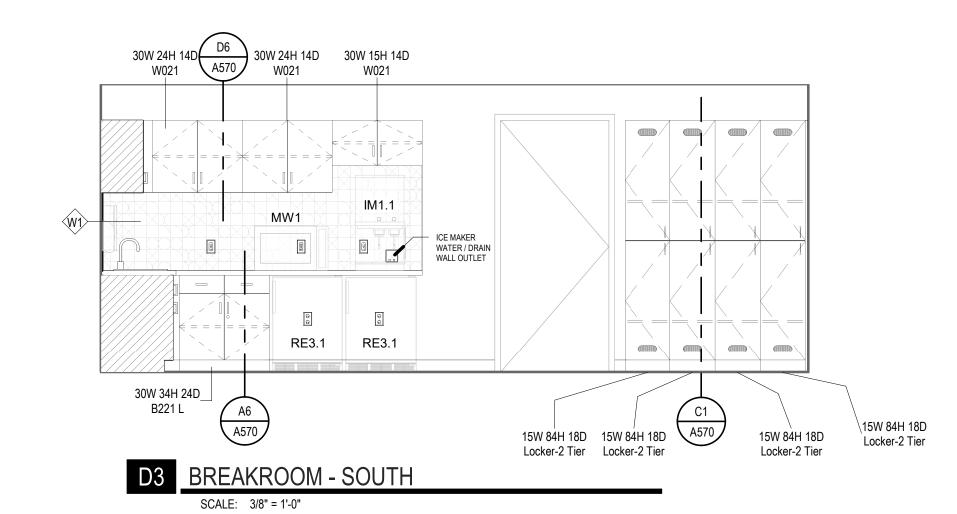


RECEPTION 101 - ENLARGED PLAN



E3 BREAKROOM - NORTH

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

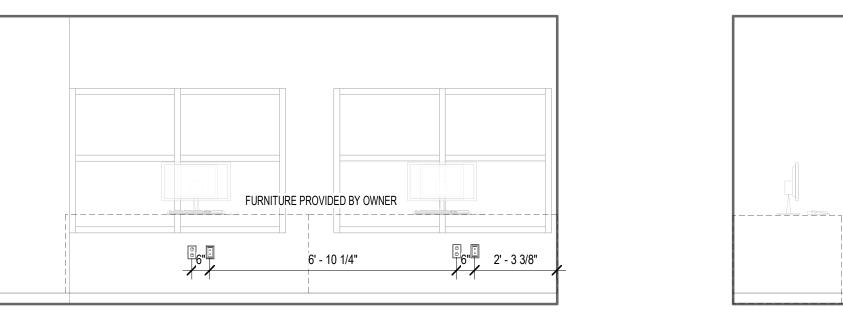


FURNITURE PROVIDED BY OWNER

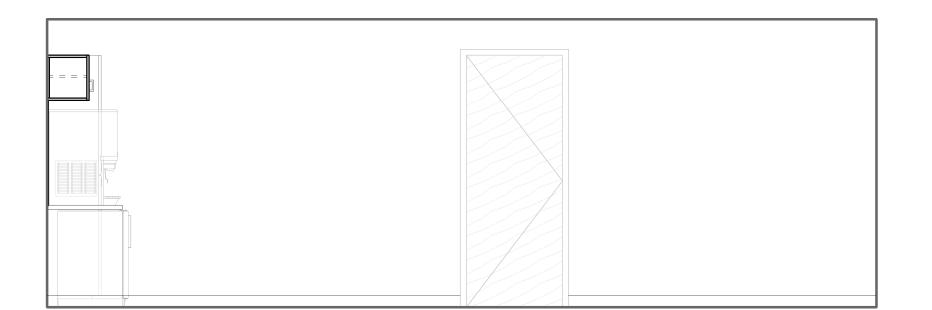
C3 WORKROOM - EAST SCALE: 3/8" = 1'-0"

A3 RECEPTION -NORTH

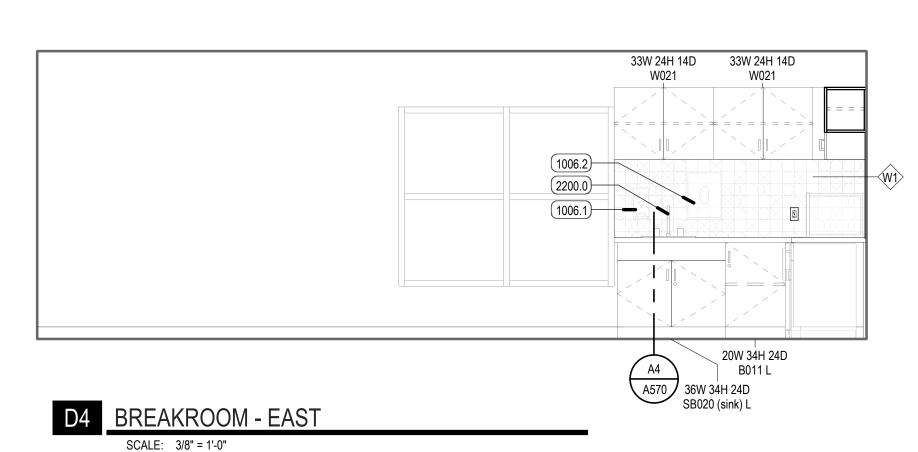
SCALE: 3/8" = 1'-0"

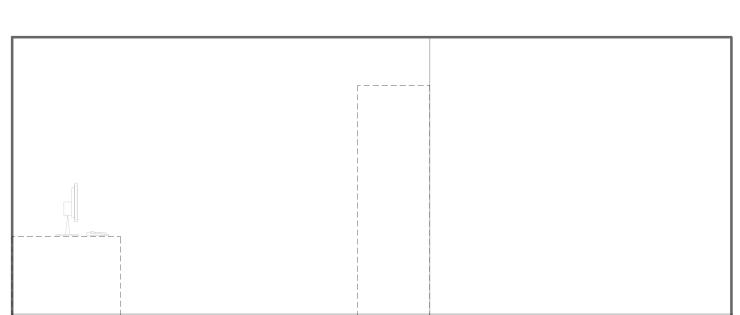


(FURNITURE BY OWNER)



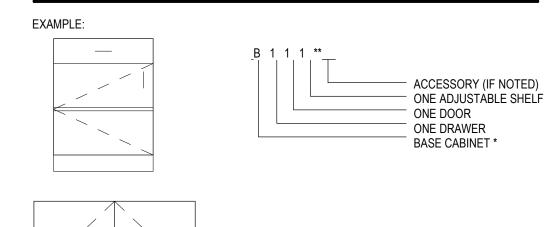
E4 BREAKROOM - WEST SCALE: 3/8" = 1'-0"

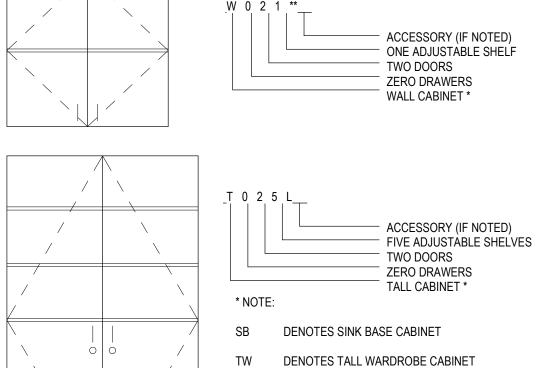




C4 WORKROOM - SOUTH SCALE: 3/8" = 1'-0"

ARCHITECTURAL MILLWORK KEY





FMD DENOTES FRAMED PERFORATED METAL

FGD DENOTES FRAMED GLASS PANEL DOOR

DENOTES LOCKS AT DOOR (S) / DRAWER (S)

PANEL DOOR

F DENOTES FILE DRAWER (S)

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

- 1. MILLWORK DIMENSION NUMBERS ARE WIDTH X HEIGHT X DEPTH.
- 2. ALL MILLWORK DIMENSIONED FROM BASE TO TOP OF IDENTIFIED COUNTERTOP, TYP
- 3. CABINET DEPTHES ARE MEASURED FROM THE WALL TO THE FACE OF THE DOOR OR DRAWER FRONT (WHERE APPLICABLE).
- 4. PROVIDE BASE AT ALL CABINET TOE SPACE, UNLESS NOTED OTHERWISE.
- 5. PROVIDE GROMMET WHERE "G" IS LABELED ON PLANOS OR ELEVATIONS.
- 6. ALL COUNTERTOPS TO HAVE A 4" BACKSPLASH, UNLESS NOTED OTHERWISE, TO MATCH COUNTERTOP, ON BACK AND SIDE WALLS.
- 7. PROVIDE FILLER PANELS TO SEAL SIDES AND TOPS OF ALL CABINETS PLACED AT AN ANGLE TO ADJACENT WALL(S).
- 8. ALL MILLWORK TO FINISHED ON ENDS, TYP.
- 9. 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 ACCESPTABLE BEHIND MILLWORK AND TOILET ROOM PARTITIONS.

10. REFER TO SHEET **A400** FOR FINISH COLORS ON ALL MILLWORK AND CASEWORK.

KEYED NOTES

DISPENSER, SOAP, NIC DISPENSER, PAPER TOWELS

SINK + FAUCET 2200.0 TOILET, FLOOR MOUNT 2206.1

EQUIPMENT & ACCESSORIES NOTES

1) CONTRACTOR TO PROVIDE REQUIRED WALL BACKING FOR WALL MOUNTED EQUIPMENT AND/OR ACCESSORIES. 2) CONTRACTOR TO VERIFY MANUFACTURER'S REQUIREMENTS FOR FLOOR / WALL / CEILING MOUNTED EQUIPMENT AND/OR ACCESSORIES. NOTIFY ARCHITECT WITH ANY DISCREPANCIES. 3) CONTRACTOR TO COORDINATE WITH EQUIPMENT SCHEDULE PER ROOM, INCLUDED IN SPECIFICATION MANUAL

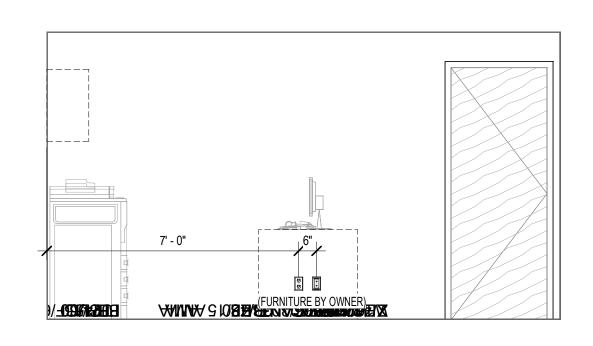
EQUIPMENT & FURNITURE LEGEND

BUILDING "E"

EQUIPMENT CATEGORIES - ABBREVIATIONS:

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

MINASIUM GEN = GENERAL FUR = FURNITURE (NIC)
TYPE
GEN - COMPUTER-DESKTOP-KEYBOARD-SINGLE MONITOR
GEN - DISPENSER-PAPER TOWEL (FOLDED PAPER) non wall hosted
GEN - DISPENSER-SOAP_non wall hosted
SE_Ice_Machine
OFF - MULTIFUNCTION-FLOOR STAND-SMALL-3 DRAWER
COM - MICROWAVE-COUNTER
COM - REFRIGERATOR-UNDERCOUNTER
GEN - TELEPHONE-DESK



A4 RECEPTION - EAST SCALE: 3/8" = 1'-0"

BUILDING **ANYONS WASATC**

ARCHITECTURE

DATE DESCRIPTION

10011354

2021-09-14

VCBO NUMBER: **CLIENT NUMBER:**

DATE:

524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

PROVIDE BACKING PLATES AS INDICATED ON THE DRAWINGS OR WHERE NOT INDICATED, ACCORDING TO THE FOLLOWING SCHEDULE. REFER TO DETAILS ELSEWHERE IN THE SET OF DRAWINGS

TYPE 'B' BACKING PLATE TYPE 'B' BACKING PLATE: TYPE 'C' BACKING PLATE

16 GA. X 6" HIGH BENT METAL

PLATE ATTACHED TO WEB

PORTION OF METAL STUDS

— TYPE 'C' BACKING PLATE:

ATTACHED TO WEB PORTION OF METAL STUDS

2x6 FIRE TREATED WOOD

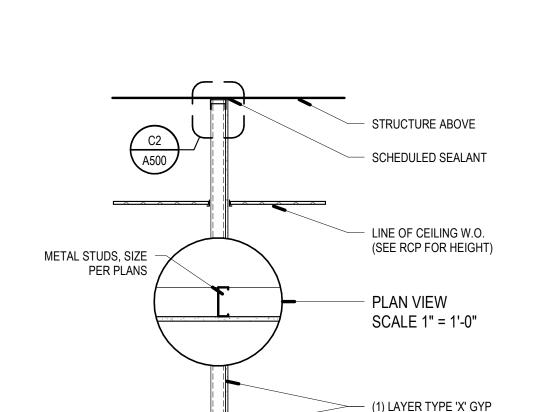
FOR THE SUPPORT OF WALL MOUNTED ITEMS IN EXCESS OF 200 LBS

TYPE 'A' BACKING PLATE:

METAL PLATE

16 GA. X 6" HIGH CONTINUOUS

TYPE 'A' BACKING PLATE



BOARD - ONE SIDE

LINE OF FLOOR

SCHEDULED SEALANT

PARTITION - 9Dx

- SCHEDULED METAL STUD

FIRE SAFING REQ'D AT

igstyresize Fill in Deck Flutes,

INSULATION AT ALL

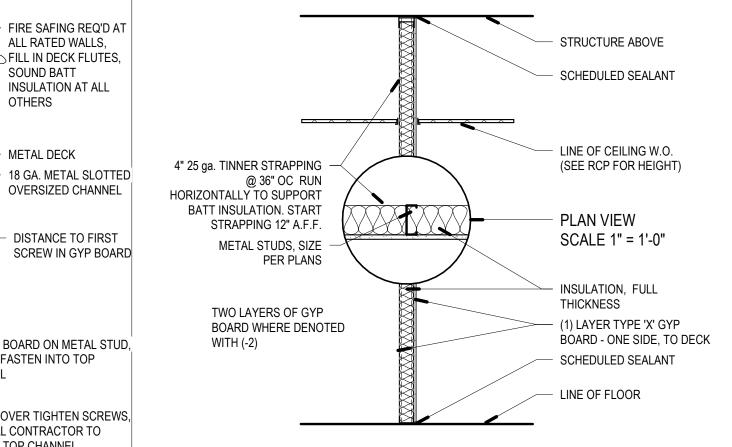
OVERSIZED CHANNEL

DISTANCE TO FIRST

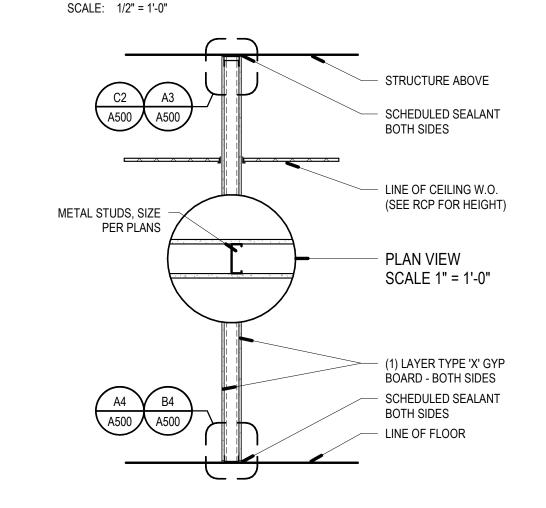
SOUND BATT

METAL DECK

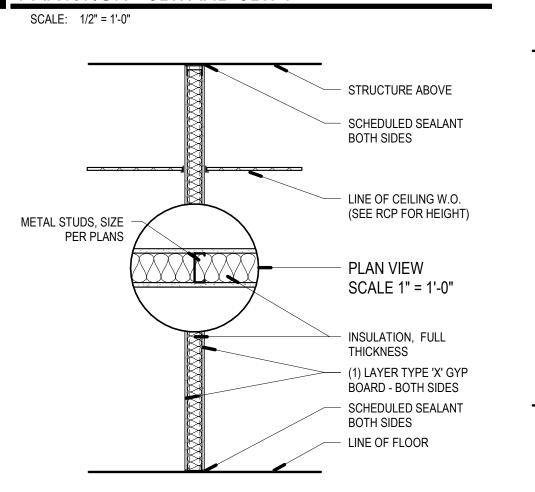
OTHERS



C5 PARTITION - 9Cx



B5 PARTITION - 9Bx AND 9Bx-1



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

PARTITION + FRAMING GENERAL NOTES

FRAMED WALL PARTITIONS

- 1. PARTITION TYPE INDICATIONS <u>ARE INDEPENDENT</u> 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. 2. 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.
- 3. 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: a. USE 5/8" THICK GYPSUM BOARD THROUGHOUT UNLESS NOTED OTHERWISE. b. USE 16" OC MAX STUD SPACING UNLESS NOTED OTHERWISE IN THESE DOCUMENTS. THE

SALT LAKE CITY, UT 84102

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- SPACING STATED BY THE REFERENCED APPROVAL OR EST REPORT IS THE MAX SPACING IF ALLOWED IN THESE DOCUMENTS. c. 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, 20 GA (30 MILS) IS THE MINIMUM ALLOWED IN THESE DOCUMENTS.
- 4. 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
- 5. PROVIDE FIRE RATED CONSTRUCTION ASSEMBLIES WHERE INDICATED ON SHEETS G100's AND FLOOR PLAN DRAWINGS.
- 6. ALL DIMENSIONS ARE CENTER OF STUD OR FACE OF CONCRETE, MASONRY OR ROUGH OPENING UNLESS NOTED OTHERWISE. FACE OF FINISHED WALL WILL BE NOTED AS FOW.
- 7. AT ALL INTERIOR WALLS, STUDS, INSULATION AND GYPSUM BOARD ARE TO EXTEND TO THE DECK ABOVE. UNLESS NOTED OTHERWISE.
- 8. WALL TYPES NOT NOTED ARE ASSUMED TO MATCH ADJACENT ROOMS. SEE SHEETS FOR FINISHES, NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- 9. 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
- 10. REFER TO SHEET A520 FOR TYPICAL INTERIOR WALL CONDITIONS ASSOCIATED WITH ALL METAL STUD PARTITIONS.
- 11. PROVIDE CONTROL JOINTS IN METAL FRAMED WALLS AT APPROXIMATELY 30 FEET ON CENTER. LOCATE AT CORNER ABOVE DOORS OR INSIDE CORNER OF PILASTERS OR OTHER INCONSPICUOUS LOCATION WHERE POSSIBLE. CONSULT WITH ARCHITECT PRIOR TO COMMENCING FRAMING. INSTALL PER DETAILS <u>C3/A520</u> FOR CONTROL JOINTS.
- 12. 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
- 13. 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
- 14. 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:
- a. WITHIN 2 FEET HORIZONTALLY AND 4 FEET VERTICALLY OF JANITORS SINKS b. AT OTHER LOCATIONS, I.E. TOILET ROOMS AND KITCHENS, AND AS INDICATED ON THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
- 15. INSTALL ONE LAYER OF 5/8" GLASS MAT 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.
- 16. AT WET LOCATIONS, SUCH AS SHOWER STALLS AND TUB SURROUNDS.
- a. WHERE CERAMIC TILE FINISHES ARE INDICATED PER THE FINISH PLANS
- AND/OR INTERIOR ELEVATIONS. b. AT OTHER LOCATIONS AS INDICATED BY THE ARCHITECTURAL FINISH PLANS AND ELEVATIONS.
- 17. 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

NON-BEARING METAL HEADER SCHEDULE

MAXIMUM SPAN	HEADER	FY
4'-0"	(2) 400\$137-43	33 ksi
6'-0"	(2) 600\$162-43	33 ksi
8'-0"	(2) 800S162-43	33 ksi
	4'-0" 6'-0"	4'-0" (2) 400\$137-43 6'-0" (2) 600\$162-43

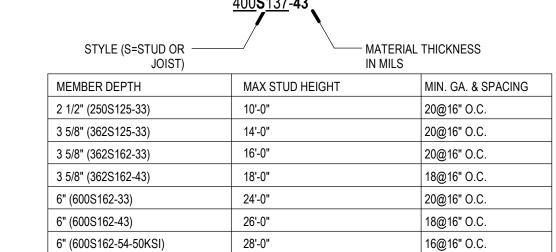
METAL STUD HEADER NOTES:

MEMBER DEPTH IN 1/100 -

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

INCHES

NON-BEARING METAL STUD GAUGE SIZING



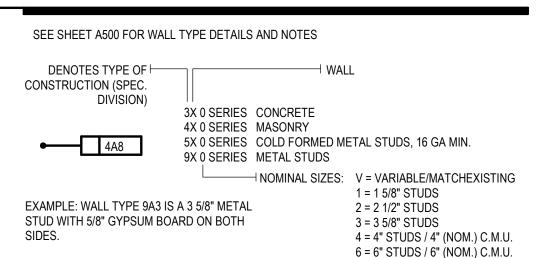
FLANGE WIDTH IN 1/100

METAL STUD NOTES:

- 1. STEEL STUDS SHALL MEET ICC REPORT ER-4943P AND THE SSMA STANDARDS. HEIGHT BASED ON SSMA 2001 CATALOG AND PROJECT REQUIREMENTS.
- 2. SEE SCHEDULE FOR STUD SPACING AND GAUGE. ALL STUDS AND BRACES SHALL BE 33
- KSI UNLESS NOTED OTHERWISE IN THESE DRAWINGS.

3. AT ALL DOORS PROVIDE TWO TABBED 18 GAUGE STUDS AT BOTH SIDES OF JAMB.

KEY FOR PARTITION TYPES



RATED WALL LEGEND

90X-R SERIES

— — — INCIDENTAL USE AREAS — • — 1 HOUR SEPARATION ———— 2 HOUR SEPARATION **————** 3 HOUR SEPARATION

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

8 = 8" STUDS / 8" (NOM.) C.M.U.

10 = 10" (NOM.) C.M.U. OR CONC.

12 = 12" (NOM.) C.M.U. OR CONC.

FIRE RATING (ONLY WHEN NOTED): 1 = 1 HOUR RATED ASSEMBLY 2 = 2 HOUR RATED ASSEMBLY 3 = 3 HOUR RATED ASSEMBLY WALL TYPES + GENERAL

TERM MOD

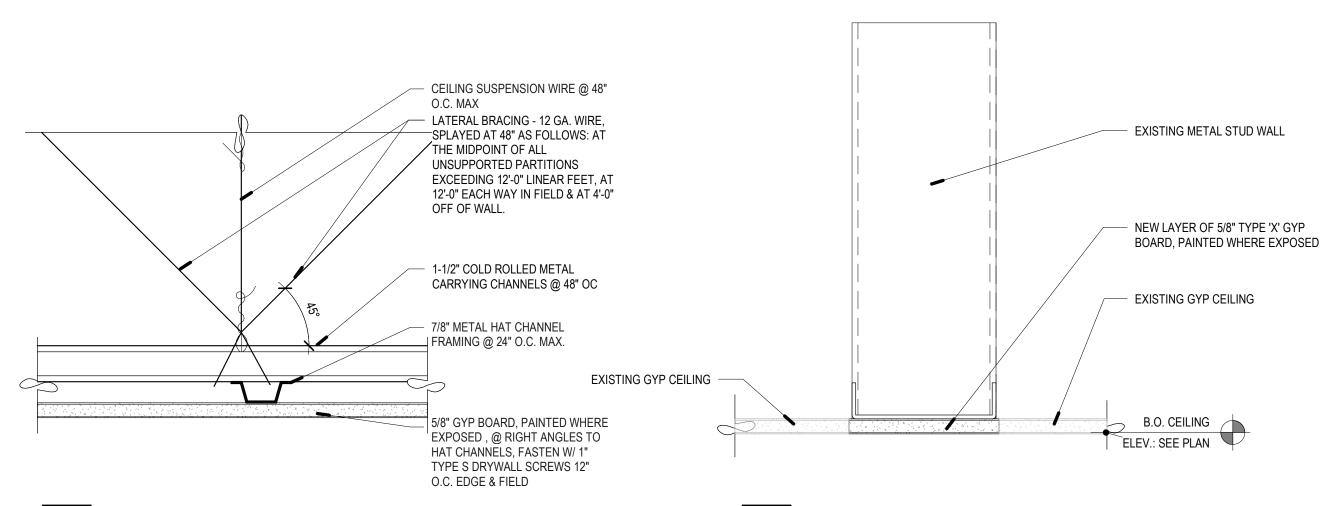
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D6 SUSPENDED CEILING - GYP - TYP SCALE: 3" = 1'-0"

5/8" GYP BD. OVER SCHEDULED

COLD-ROLLED CHANNELS @ 48" OC

METAL HAT CHANNELS @ 24" OC

FURRING CHANNEL CLIP

METAL "J" TRIM @ WALL TAPE & COMPOUND ALL

5/8" GYP BD. OVER SCHEDULED

METAL HAT CHANNELS @ 24" OC

SCHEDULED WALL OF DISSIMILAR

FURRING CHANNEL CLIP

METAL "J" TRIM @ WALL

- TAPE & COMPOUND ALL

- FURRING CHANNEL CLIP

COLD-ROLLED CHANNELS @

JOINTS UNO

MATERIAL

48" OC

COLD-ROLLED CHANNELS @

JOINTS UNO

FURRING

48" OC

FURRING

LINE OF WALL OR BOUNDARY

FIRST LINE OF BRACING -

CARRYING -

4'-0" MAX. OR

BOUNDARY

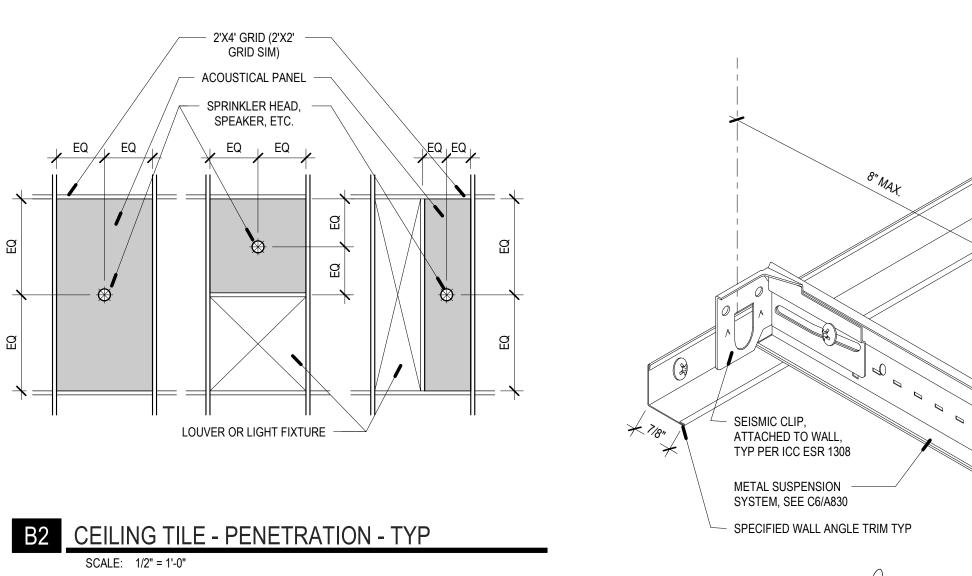
C4 EXISTING GYP CEILING W/ NEW

FIRST LINE OF BRACING -

4'-0" MAX. FROM WALL

OR BOUNDARY

MAIN RUNNERS -



LIGHT FIXTURES, LOUVERS,

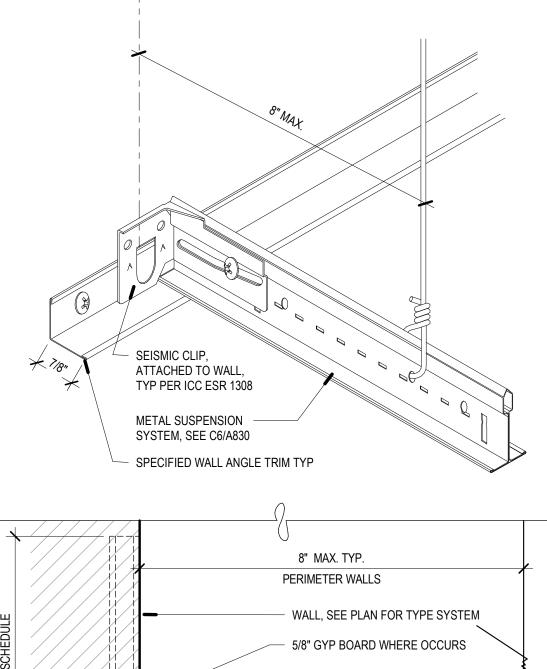
EQUAL EQUAL

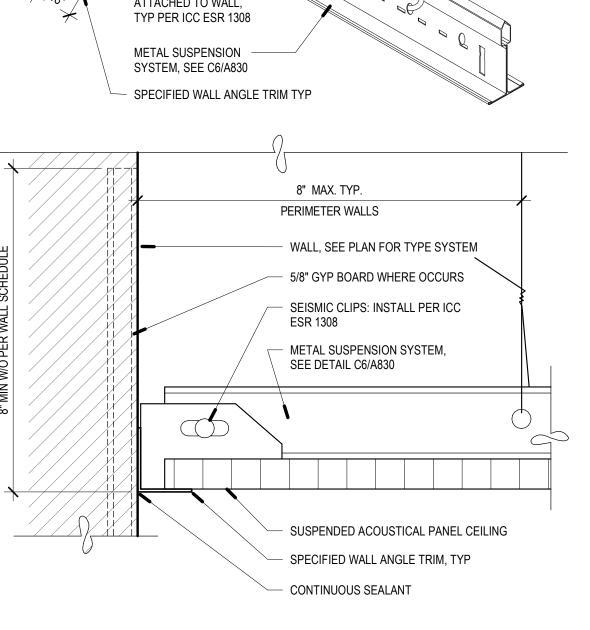
A2 GYP BOARD CEILING - FIXUTRE - TYP

SPRINKLER HEADS, SPEAKERS,

NOTE: ALL FIXTURES TO BE IN LINE & CENTERED IN FIELD UNO

ROOF HATCHED, ETC. IN LINE





A3 SUSPENDED CEILING - TYP

SCALE: 6" = 1'-0"

METAL HAT CHANNELS @ 24" OC 5/8" GYP BD. METAL "J" TRIM @ WALL CONT SEALANT SEE XX/XXX FOR SEISMIC BRACING INFORMATION
 INSTALL GYP TO USG STANDARDS SLIP JOINT

FURRING OVER MASONRY WALL

METAL STUD WALL

6" MAX.

SCALE: 3" = 1'-0"

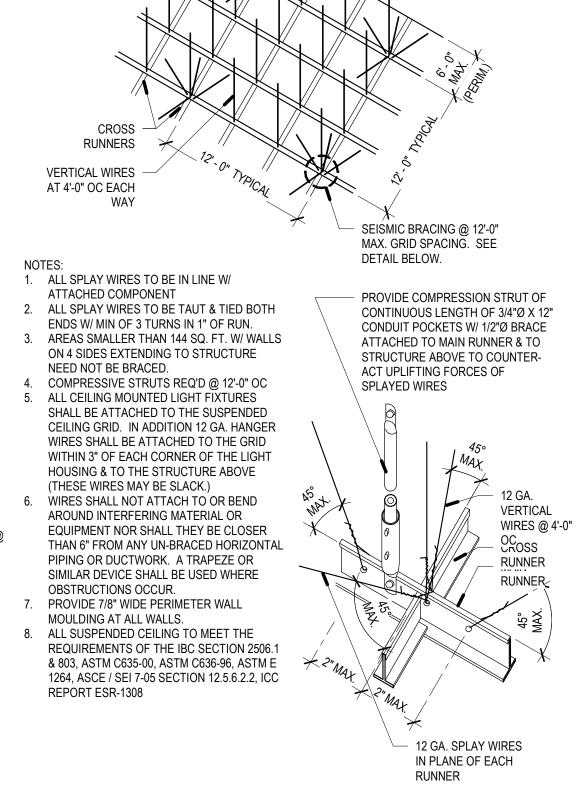
CHANNELS @ 48" OC HAT CHANNEL CROSS -RUNNERS @ 24" OC 🔟 1. ALL SPLAY WIRES TO BE IN LINE W/ ATTACHED - SEISMIC BRACING. COMPONENT SEE DETAIL BELOW 2. ALL SPLAY WIRES TO BE TAUT & TIED BOTH ENDS W/ MIN OF 3 TURNS IN 1" OF RUN. 3. AREAS SMALLER THAN 1,000 SQ. FT. W/ WALLS ON 4 SIDES EXTENDING TO STRUCTURE NEED 12" GA. SPLAY WIRES IN PLANE OF EACH RUNNER @ NOT BE BRACED. 4. ALL CEILING MOUNTED LIGHT FIXTURES SHALL 12'-0" OC IN EACH BE ATTACHED TO THE SUSPENDED CEILING DIRECTION GRID. IN ADDITION 12 GA. HANGER WIRES SHALL - 12" GA. VERTICAL BE ATTACHED TO THE GRID WITHIN 3" OF EACH CORNER OF THE LIGHT HOUSING & TO THE STRUCTURE ABOVE (THESE WIRES MAY BE SLACK.) WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT NOR CROSS RUNNER @ SHALL THEY BE CLOSER THAN 6" FROM ANY UN-24" OC BRACED HORIZONTAL PIPING OR DUCTWORK. A TRAPEZE OR SIMILAR DEVICE SHALL BE USED WHERE OBSTRUCTIONS OCCUR. 6. GYP BOARD TO BE INSTALLED @ RIGHT ANGLES TO 7/8" HAT CHANNEL RUNNERS. FASTEN W/ 1" TYPE 'S' DRYWALL SCREWS @ 12" OC TYP @ EDGES & IN FIELD AS PER USG STANDARDS.

7. ALL SUSPENDED CEILING TO MEET THE REQUIREMENTS OF THE IBC SECTION 2506.1 & 803, ASTM C635-00, ASTM C636-96, ASTM E 1264, ASCE / SEI 7-05 SECTION 12.5.6.2.2, ICC REPORT ESR-1308 48" OC

A5 SUSPENDED CEILING - GYP BRACING - TYP

VERTICAL WIRES @

4'-0" OC EACH WAY



A6 SUSPENDED CEILING - SEISMIC BRACING

LINE OF WALL OR -

BOUNDARY

BUILDING **ANYONS** S ATC

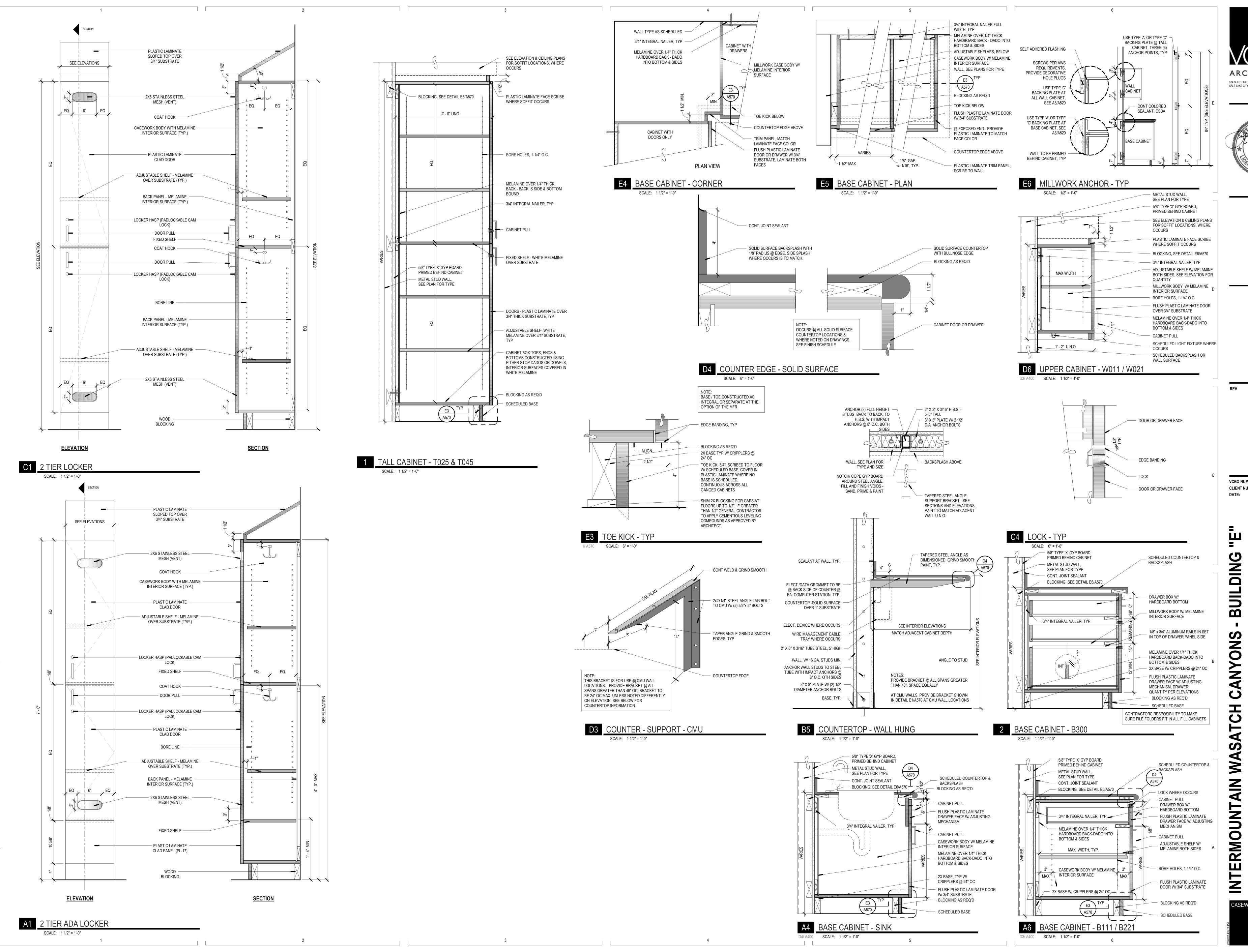
CLIENT NUMBER:

DATE:

REMODEL
INTERMOUNTAIN H
5770 S 1500 W, TAY
CONSTRUCTION DO

CEILING DETAILS

A530



524 SOUTH 600 EAST SALT LAKE CITY, UT 84102





DATE DESCRIPTION

CLIENT NUMBER:

10011354 2021-09-14

MOD

CASEWORK DETAILS

A570





REV DATE DESCRIPTION

21690 10011354

2021-09-14

VCBO NUMBER:

DATE:

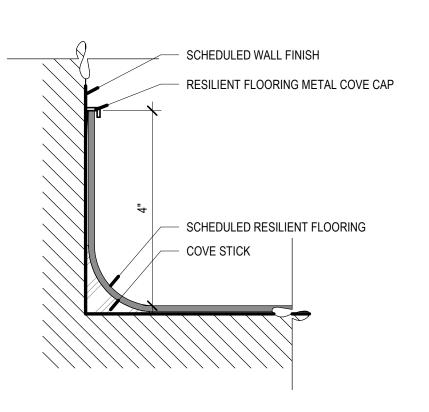
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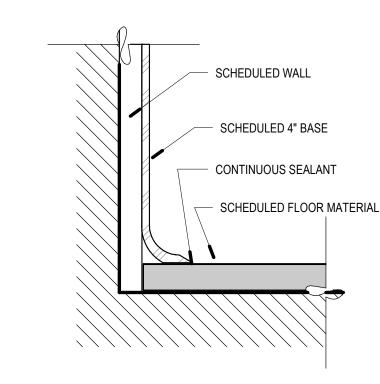
BUILDING

WASATCH CANYONS

AN

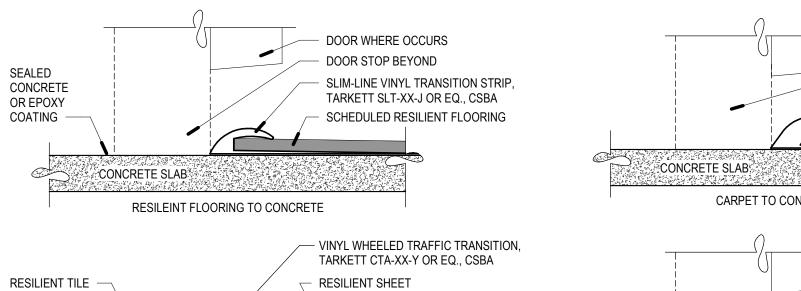
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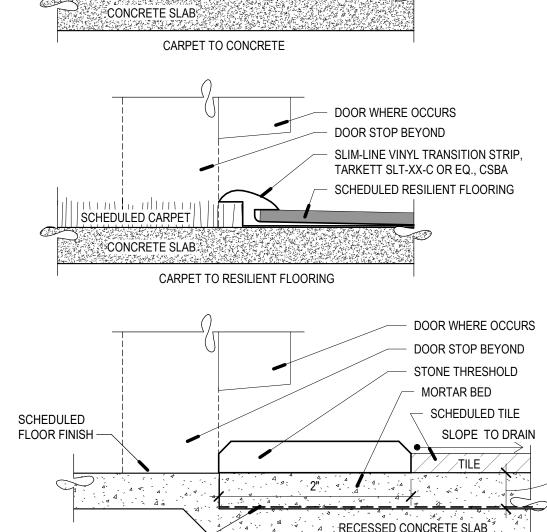




A1 TYPICAL INTEGRAL COVED BASE DETAIL





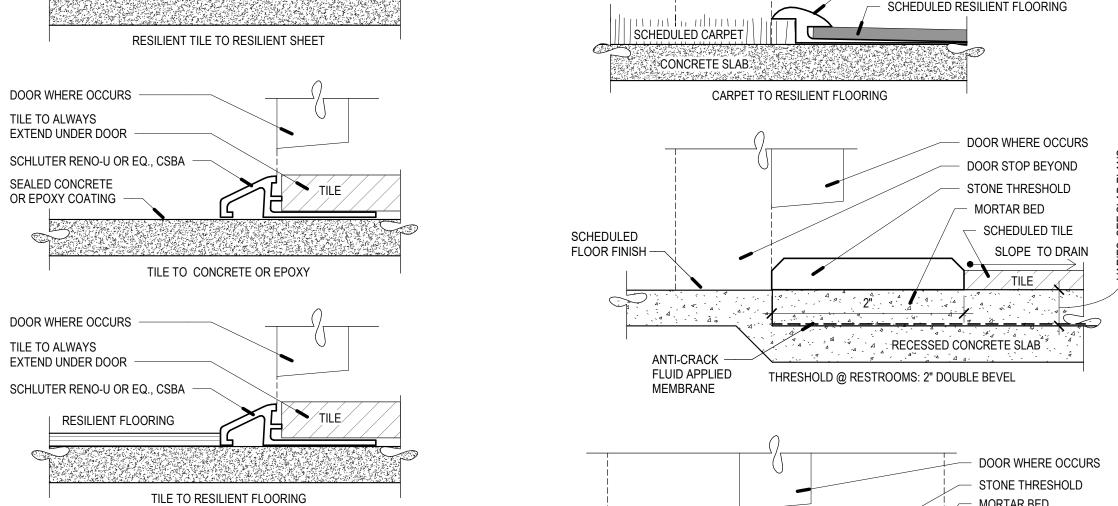


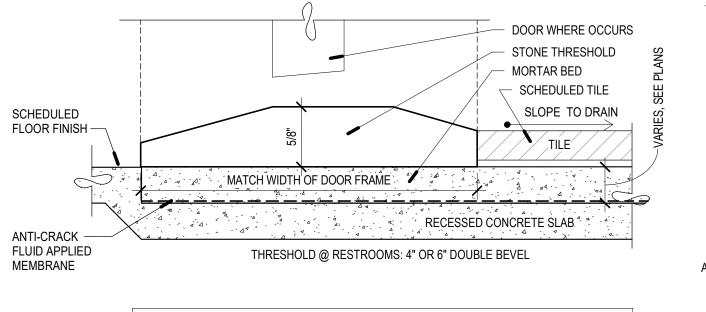
DOOR WHERE OCCURS

SLIM-LINE VINYL TRANSITION STRIP, TARKETT SLT-XX-L OR EQ., CSBA

DOOR STOP BEYOND

SCHEDULED CARPET





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.

A5 FLOOR TRANSITION DETAILS

TILE TO TILE

TILE TO CARPET

SCHLUTER RENO-TK OR EQ., CSBA

SCHLUTER DECO OR EQ., CSBA —

INTERIOR FINISH DETAILS