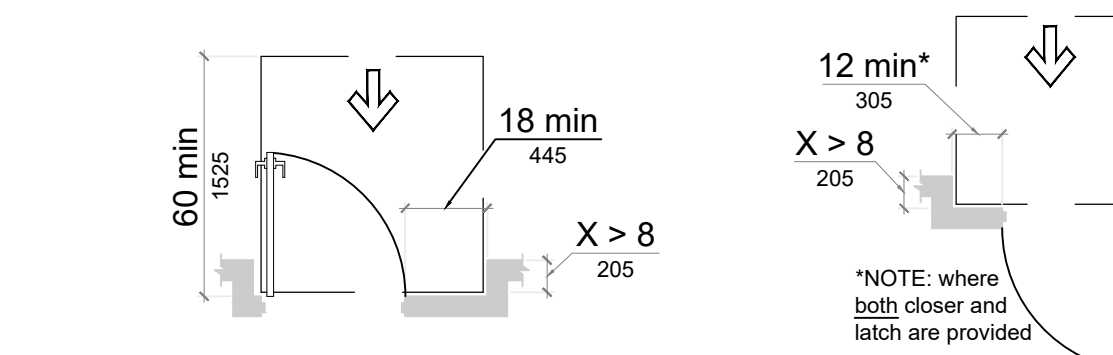
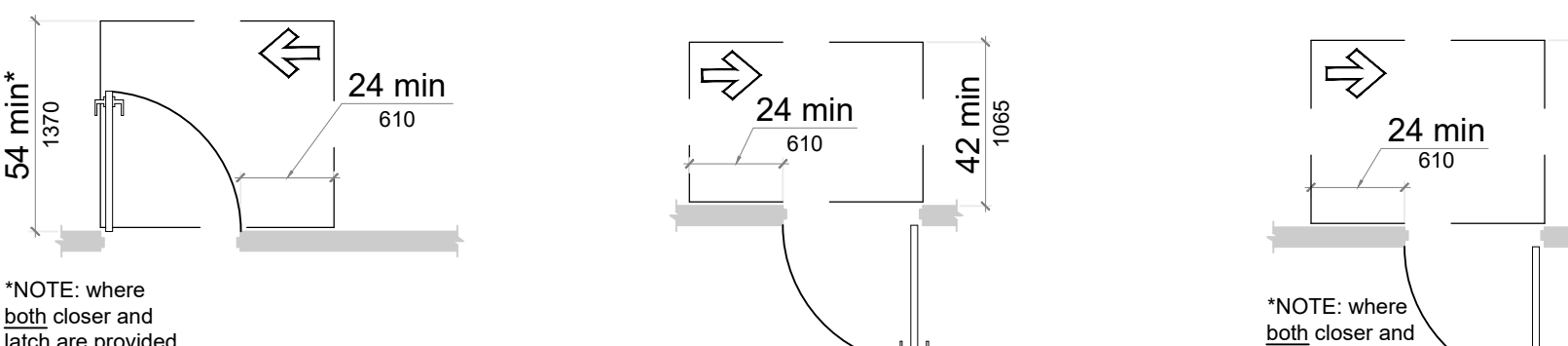
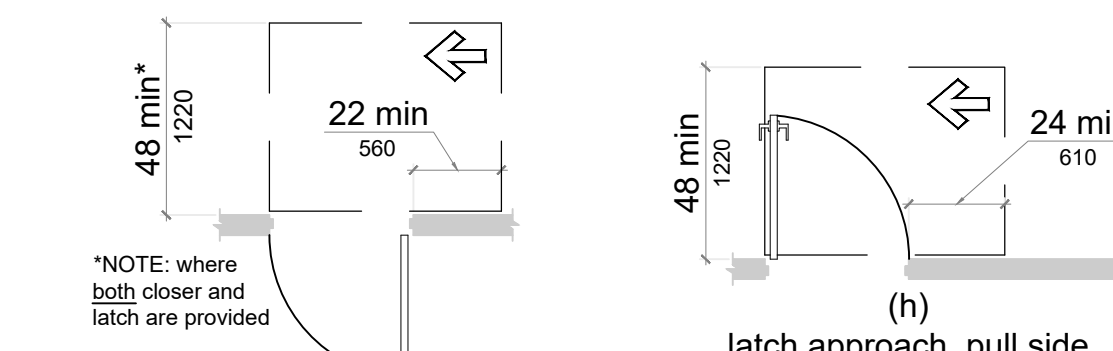
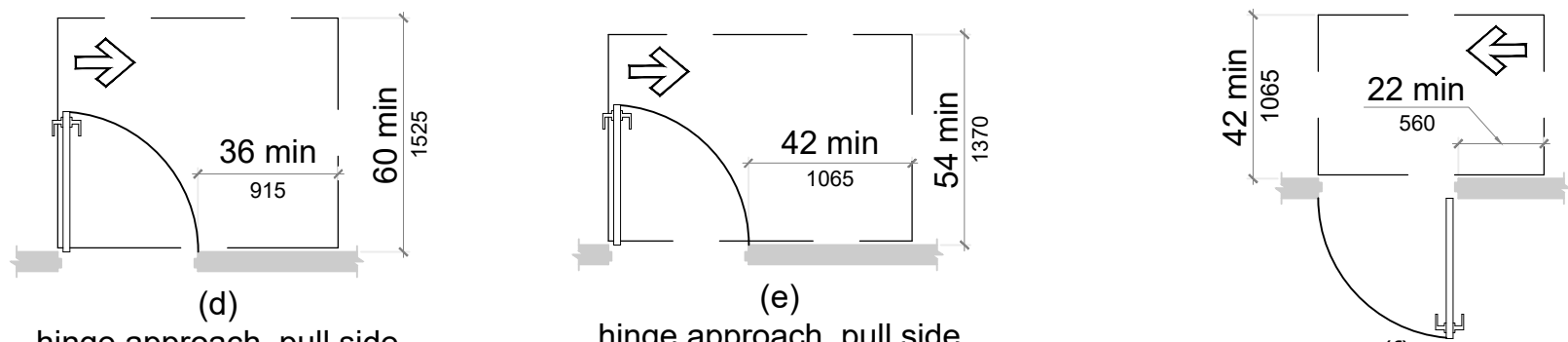
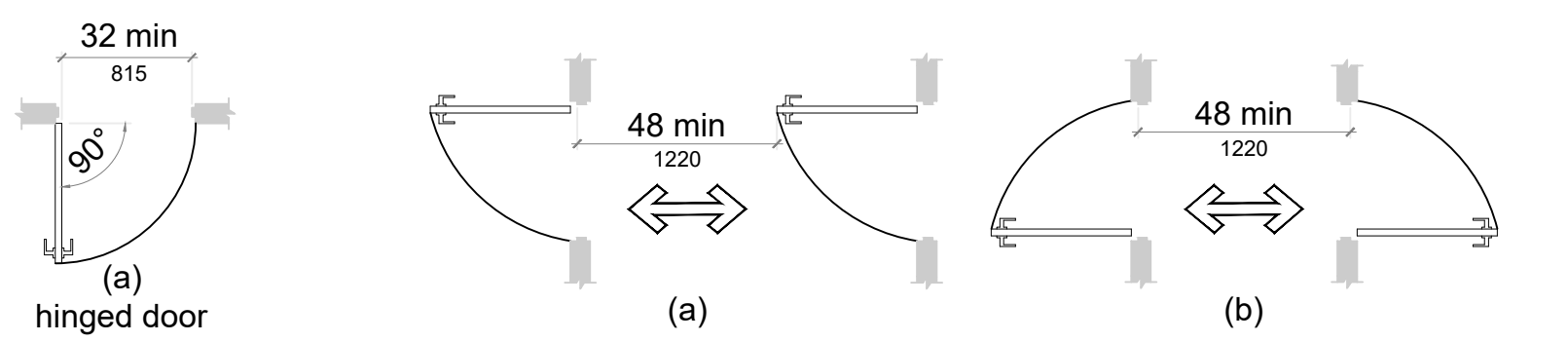


1 ADA ACCESSIBILITY STANDARDS – REACH LIMITATIONS

SCALE: NTS

2 ELEVATION AT TOWEL DISPENSOR

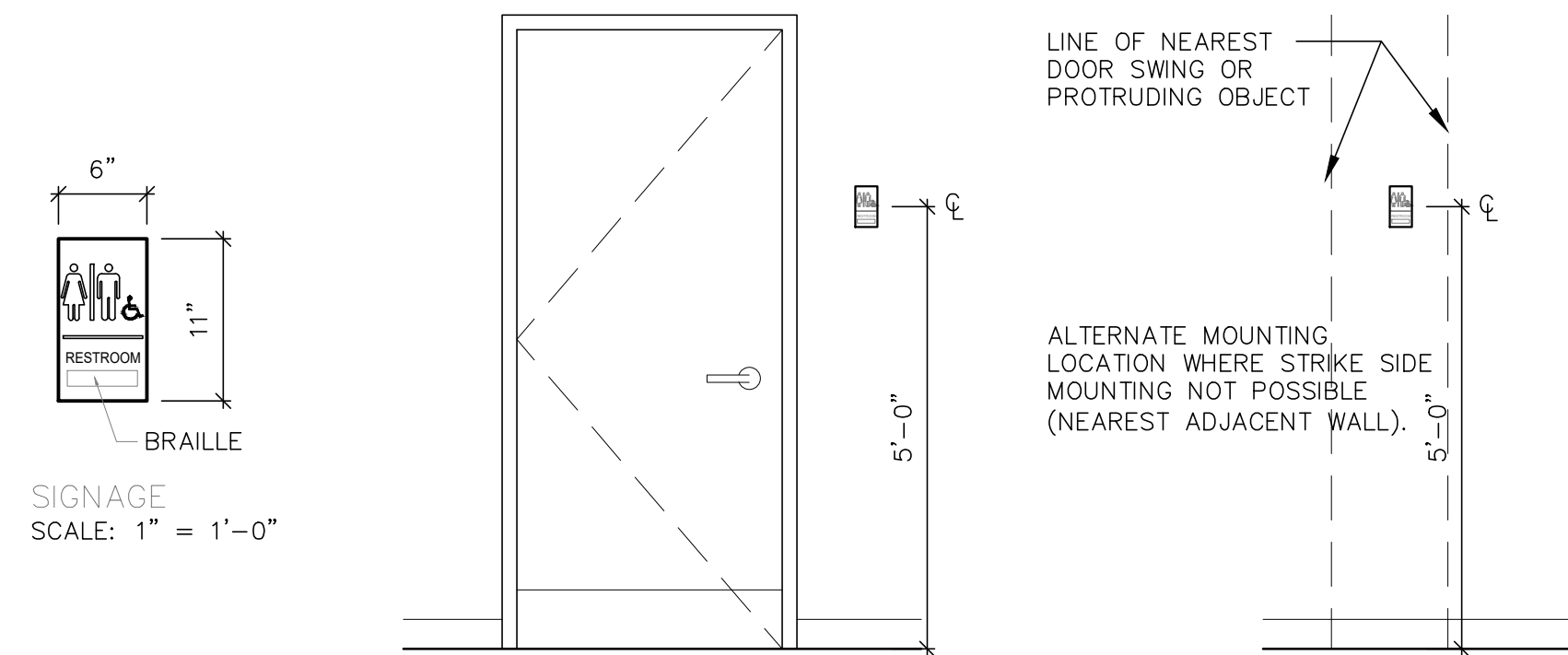
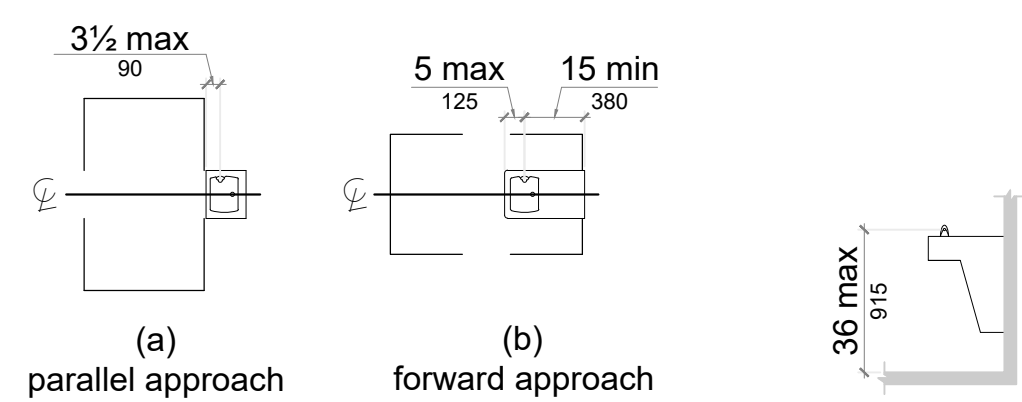
SCALE: NTS



3 ADA ACCESSIBILITY STANDARDS – DOORS

SCALE: NTS

NOTE:  
ACCESSIBILITY DETAILS COMPLY WITH ICC/ANSI A117.1-2017



NOTE: MOUNTING LOCATION REQ'D AT STRIKE SIDE WHERE POSSIBLE.  
NOTE: A PERSON MUST BE ABLE TO APPROACH WITHIN 3" OF SIGN WITHOUT ENCOUNTERING ANY DOOR SWING OR PROTRUDING OBJECT.

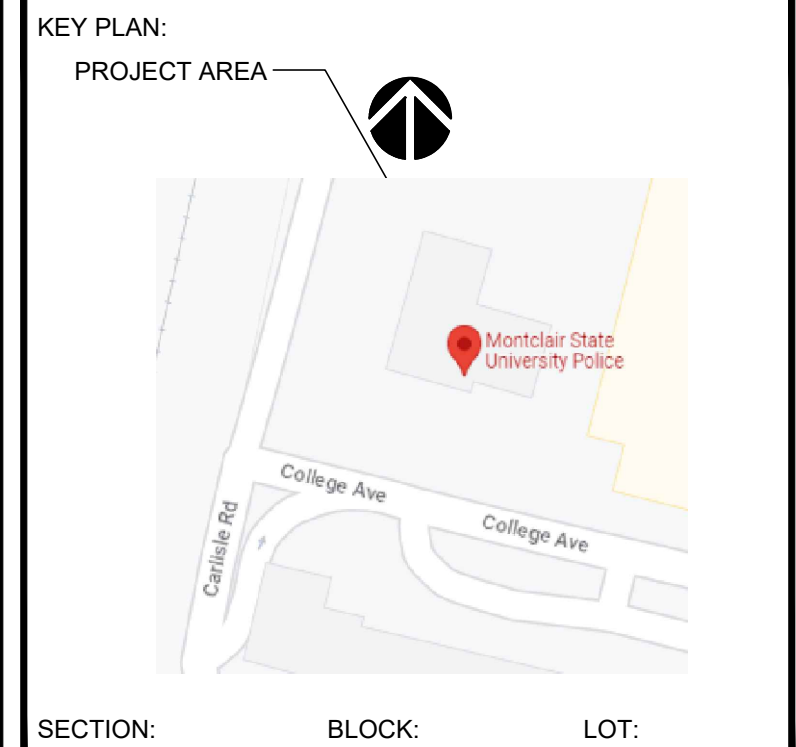
4 ADA ACCESSIBILITY STANDARDS – DRINKING FOUNTAIN

SCALE: NTS

5 DOOR SIGNAGE HEIGHT AND LOCATION @TOILET DOORS

SCALE: NTS

ALL SIGNAGE IS FOR REFERENCE ONLY. SIGNAGE SHALL BE PROVIDED AND INSTALLED BY THE UNIVERSITY.



CONSULTANTS:

COMMENTS:

DATE	DESCRIPTION
05.16.23	ISSUED FOR REVIEW
9.5.23	ISSUED FOR BID

REVISIONS:

REV.	DATE	DESCRIPTION

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DRAWING TITLE: TYPICAL ADA DETAILS

DRAWN BY: HM	DATE: 06/28/23
CHECKED BY: CR	SCALE: AS NOTED

FILE NAME:
JRS NUMBER: 23014.00
SHEET NUMBER: T-1.02

## GENERAL NOTES:

## REMOVAL NOTES:

- REFER TO T1.01 FOR ADDITIONAL INFORMATION AND LEGENDS.
- ABIDE BY THE STANDARD RULES AND REGULATIONS SET FORTH BY THE BUILDING MANAGEMENT. G.C. SHALL NOTIFY TENANT/OWNER OF NEED FOR ANY INTERRUPTIONS IN UTILITY SERVICE. NOTIFY TENANT/OWNER AT LEAST 72 HOURS IN ADVANCE.
- ALL BUILDING SERVICES, LIGHT, POWER, HVAC, ETC. MUST BE PROTECTED AND REMAIN "LIVE" DURING CONSTRUCTION IN ORDER NOT TO DISTURB NORMAL BUSINESS.
- PROVIDE A MINIMUM OF TWO (2) 25 LB FIRE EXTINGUISHERS APPROVED FOR 'A', 'B' AND 'C' TYPE FIRES, TO BE LOCATED AT THE ENTRY/EXIT POINTS TO THE SITE. FIRE EXTINGUISHERS ARE TO REMAIN IN WORKING ORDER WHEN CONTRACT WORK IS IN PROGRESS.
- IMMEDIATELY CLEAN AND REMOVE ALL DEBRIS FROM PROJECT AREA AFTER A MAJOR DEMOLITION OPERATION BEFORE COMMENCEMENT OF THE NEXT NORMAL WORKING DAY.
- DO NOT MIX RUBBISH WITH THAT OF THE BUILDING OCCUPANTS. ALL REMOVALS SHALL BE COORDINATED WITH BUILDING MANAGER.
- DEMOLITION AND REMOVAL OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING.
- DEMOLITION SHALL BE DONE IN A NEAT WORKMAN LIKE MANNER, WITHIN THE LIMITS INDICATED ON THE DRAWINGS, AND IN ALL CASES, TO THE EXTENT NEEDED TO PRODUCE THE INTENDED WORK.
- CONTRACTOR SHALL PROVIDE TEMPORARY LIGHTING AND POWER TO ACCOMMODATE BOTH REMOVAL OF EXISTING AND INSTALLATION OF NEW WORK.
- G.C. TO OBTAIN A DEMOLITION PERMIT OR CONSTRUCTION PERMIT PRIOR TO THE COMMENCEMENT OF WORK. A COPY OF SUCH DOCUMENTS SHALL BE FURNISHED TO THE BUILDING MANAGER, OWNER TENANT AND THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
- INSPECT, TEST AND DISCONNECT UTILITY SERVICES AND MAIN SOURCE OR MAIN BRANCH WITHOUT DISRUPTING UTILITY SERVICES FOR OTHER BUILDING TENANTS. UTILITY SERVICES TO REMAIN FOR THESE TENANTS. SECURELY CAP AND/OR VALVE OFF UTILITY SERVICE BEHIND FINISHED SURFACES OF INTENDED CONSTRUCTION PRIOR TO DEMOLITION OPERATIONS. UTILITY SERVICES SHALL BE DEFINED AS PLUMBING, ELECTRICAL, CHILLED WATER, CONDENSER WATER, AND GAS. EXISTING ELECTRIC FEEDS TO EXISTING LIGHTS TO BE REUSED WHEREVER POSSIBLE.
- PROVIDE AND MAINTAIN CARPET MATS IN FRONT OF ALL BASE BUILDING DOORWAYS USED BY CONSTRUCTION WORKERS FOR ACCESS, SUCH AS EXIT STAIR DOORWAYS AND THE LIKE. CARPET MATS SHALL BE LARGE ENOUGH TO PREVENT THE HAULING/SPREADING OF DIRT THROUGH THE BASE BUILDING PREMISES AND ELEVATOR CABS.

## PLUMBING DEMOLITION NOTES:

- PRIOR TO BID SUBMISSION, CONTRACTOR SHALL VISIT THE SITE TO REVIEW THE EXISTING CONDITIONS ASSOCIATED WITH THE SCOPE OF WORK AND ADJACENT AREAS TO ASCERTAIN THE DIFFICULTIES WHICH WILL AFFECT THE EXECUTION OF THE WORK OF THIS CONTRACT.
- SUBMISSION OF A BID WILL BE CONSTRUED AS EVIDENCE THAT THE ABOVE SITE EXAMINATION HAS BEEN MADE AND LATER CLAIMS WILL NOT BE RECOGNIZED FOR EXTRA LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD SUCH AN EXAMINATION BE MADE.
- ALL EXISTING WORK REQUIRED TO REMAIN BUT INTERFERING WITH PROPOSED NEW PLUMBING (AS WELL AS ELECTRICAL AND GENERAL CONSTRUCTION WORK) SHALL BE RELOCATED AND RECONNECTED USING MATERIALS CONFORMING TO STANDARDS OF THIS CONTRACT.
- REMOVE ALL FIXTURES AS NOTED. PROVIDE TEMPORARY COVERS FOR HOT, COLD AND SANITARY CONNECTIONS DURING CONSTRUCTION.  
REMOVE BASE BUILDING PIPING AS INDICATED BELOW:
  - REMOVE ALL ABANDONED BASE BUILDING PIPING BACK TO THE EXISTING WET COLUMNS OR SHAFTS AND CAP.
  - ALL EXISTING BUILDING VALVES FOR DOMESTIC WATER MAINS AT SHAFTS TO REMAIN

## CONSTRUCTION NOTES:

- EXISTING DOORS FRAMES TO REMAIN SHALL BE SANDED SMOOTH FILLED WITH APPROPRIATE FILLER WHERE REQUIRED, RE-SANDED SMOOTH AND PRIMED FOR PAINTING.
- AS PART OF THIS CONTRACT, GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO OPEN AND CLOSE ALL EXISTING CONSTRUCTION WITHIN AND OUTSIDE OF THE IMMEDIATE PROJECT SCOPE WHERE REQUIRED IN ORDER TO COMPLETE THE SPECIFIED WORK. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO ELECTRICAL CIRCUITING AND ROUGHING, PLUMBING LINES, SPRINKLER LINE, HVAC DUCTWORK AND CONTROLS, ETC.
- PROVIDE PROPER BLOCKING OR WALL CARRIERS IN STUD WALLS WHERE FIXTURES, DEVICES, OR EQUIPMENT ARE TO BE MOUNTED. ALL WOOD BLOCKING TO BE FIRE RESISTANT TREATED. COORDINATE WITH ARCHITECT, AND COMPLY WITH ADA LAW.
- VERIFY ALL DIMENSIONS, BOTH HORIZONTAL AND VERTICAL, PRIOR TO CONSTRUCTION IN ALL AREAS OF PROJECT. NOTIFY ARCHITECT IF ANY DISCREPANCIES SHOULD OCCUR. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS WITH EXISTING CONDITIONS PRIOR TO ORDERING ANY MATERIAL.

## DOOR/HARDWARE NOTES:

- ALL DOORS, THRESHOLDS AND HARDWARE TO COMPLY WITH ALL BARRIER FREE REQUIREMENTS, LOCAL LAWS & ADA GUIDELINES.
- HARDWARE FINISH TO BE US26D SATIN CHROMIUM FINISH U.O.N.
- MOUNT ALL LATCH SETS @ 36" AFF.
- CONTRACTOR SHALL PURCHASE AND INSTALL ALL DOOR HARDWARE & PROVIDE FINAL CONNECTIONS & EQUIPMENT INSTALLATIONS.

## CEILING NOTES:

- COORDINATE AND FIELD VERIFY ALL CEILING STARTING POINTS WITH ARCHITECT. MULTIPLE ADJACENT SWITCHES SHALL BE MOUNTED IN A SINGLE MULTI-GANG BOX AND BE COVERED WITH A SINGLE CONTINUOUS FACEPLATE.
- PROVIDE ALL NECESSARY HANGERS & CLIPS FOR PROPER LIGHT FIXTURE INSTALLATION.
- WHERE CEILING TRACK ABUTS WALL CONSTRUCTION, RUN CONTINUOUS BEAD OF SEALANT AROUND PERIMETER OF TRACK. COLOR TO MATCH GRID.
- ALL CUT PANELS TO HAVE EDGES PAINTED.
- ALL 2X2 LIGHT FIXTURES TO HAVE TWO (2) SAFETY HANGER WIRES ATTACHED TO FIXTURE AT OPPOSITE DIAGONAL CORNERS TO PREVENT FIXTURE FROM SWINGING DOWN. WIRES SHALL BE ANCHORED TO STRUCTURE ABOVE.

## PLUMBING NOTES:

- ALL NEW HOT AND COLD WATER LINES SHALL ORIGINATE ON THE SAME FLOOR FROM THE NEAREST WET COLUMN WITH PROPER ACCESS FOR MAINTENANCE. IF ATTACHED OR DISSIMILAR METAL, A CORROSION INHIBITOR IS TO BE PROVIDED.
- INSULATE ALL WATER SUPPLY LINES.
- WASTE LINES SHALL BE PROPERLY PITCHED TO PREVENT "TRAPPED" WATER. INSTALL WASTE LINE CONNECTIONS WITH LONG TERM OR 45 "Y" FITTINGS.
- RETAIN EXISTING CLEAN OUT CONNECTIONS AND PROVIDE CLEAN OUT CONNECTIONS AT NEW FITTINGS.
- ALL NEW HOT AND COLD WATER LINES AND FITTINGS MUST BE PROPERLY INSULATED AND COVERED.
- INDIVIDUAL SHUT OFF VALVES MUST BE SUPPLIED AND INSTALLED FOR EACH NEW FIXTURE.
- ALL WATER SHUT DOWNS TO BE COORDINATED THROUGH THE BUILDING MANAGER. ALL WATER SHUT DOWNS ARE TO BE PERFORMED OR SUPERVISED BY BUILDING PERSONNEL AT THE DISCRETION OF THE BUILDING MANAGER.
- PLUMBER SHALL BE RESPONSIBLE THAT ENTIRE INSTALLATIONS CONFORMS TO LOCAL AND STATE CODES.
- ALL VALVES TO BE PROPERLY TAGGED.
- PROVIDE WORKMANSHIP OF HIGHEST GRADE. INSTALL ALL EQUIPMENT IN CONFORMANCE WITH MANUFACTURER RECOMMENDATIONS AND REQUIREMENTS OF THE FACILITY.
- PROVIDE ONE YEAR GUARANTEE AGAINST DEFECTIVE WORKMANSHIP AND MATERIAL.
- COORDINATE ALL WORK TO MINIMIZE INTERFERENCE WITH OTHER TRADES.

## ELECTRICAL NOTES:

- ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE, REVIEW ARCHITECTURAL DRAWINGS AND BE RESPONSIBLE FOR REVIEWING A FULL SET OF BID DOCUMENTS TO MAKE HIMSELF AWARE OF THE TOTAL JOB BEFORE SUBMITTING HIS PRICE.
- VERIFY ALL EXISTING SITE CONDITIONS IN THE FIELD AND INCLUDE IN THE BID, THE PRICE OF ALL WORK REQUIRED.
- ALL WORK SHALL BE INSTALLED CONCEALED UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL FIELD VERIFY DIMENSIONS OF FINISHED CONSTRUCTION PRIOR TO FABRICATION AND INSTALLATION OF FIXTURES AND EQUIPMENT.
- ELECTRICAL CONTRACTOR SHALL SUBMIT SAMPLES OF RECEPTACLES AND PLATES TO THE ARCHITECT FOR APPROVAL BEFORE MAKING HIS INSTALLATION.
- LIGHTING FIXTURES IN ACCESSIBLE CEILINGS SHALL BE FURNISHED WITH FLEXIBLE CONDUIT CONNECTIONS TO SEPARATELY MOUNTED JUNCTION BOXES. ONE JUNCTION BOX SHALL SERVE A MAXIMUM OF FOUR (4) FIXTURES. MAXIMUM LENGTH OF FLEXIBLE CONNECTION SHALL BE 6'-0".
- WIRING IN AIR PLENUM HUNG CEILINGS INSTALLED WITHOUT CONDUIT OR EMT SHALL BE TEFLON JACKETED AND PLENUM RATED.
- CONTRACTOR SHALL FURNISH, INSTALL AND CONNECT ALL RACEWAYS AND WIRING FROM EQUIPMENT AND DEVICES TO THEIR SOURCE OF POWER.
- CONTRACTOR SHALL, AFTER HIS WORK IS COMPLETED, TEST THE ELECTRICAL DISTRIBUTION SYSTEM FOR SHORT CIRCUITS, LOOSE WIRING, ETC., TO THE SATISFACTION OF THE OWNER. ALL COSTS FOR THIS TEST SHALL BE BORNE BY THE CONTRACTOR.
- WHERE EQUIPMENT, LIGHTING FIXTURES AND WIRING DEVICES ARE SHOWN THE MINIMUM BRANCH CIRCUITING REQUIREMENTS SHALL BE AS FOLLOWS:
  - LIGHTING FIXTURES - 2#12, 1#12 GRD. - 3/4"C.
  - RECEPTACLES - 2#12, 1#12 GRD. - 3/4"C.
  - HOMERUNS TO PANEL BOARDS SHALL CONTAIN NO MORE THAN (3) CIRCUITS NEUTRAL CONDUCTORS FOR ALL LIGHTING AND OFFICE POWER. MULTI-CIRCUIT HOMERUNS SHALL BE SIZED ONE TRADE SIZE LARGER THAN PHASE CONDUCTORS, MINIMUM #10 AWG (EXAMPLE: 3#12, 1#10N, 1#12GRD - 3/4"C)
  - WHERE LIGHTING SWITCH INDICATIONS ARE NOT SHOWN, SWITCHES SHALL BE CONNECTED TO CONTROL ALL SWITCHED FIXTURES WITHIN THE CORRESPONDING SPACE.

## FINISH NOTES:

### WALLS

### PAINT

- ALL EXISTING AREAS TO BE PAINTED SHALL BE CLEAN, FREE OF GREASE, SOIL AND DUST AND PROPERLY PREPARED TO ACCEPT NEW SPECIFIED PAINT FINISH. FILL ALL HOLES, DENTS AND CRACKS.
- SURFACES SHALL BE SANDED AS REQUIRED TO PROVIDE SMOOTH SURFACES.
- THE PROPER UNDERCOAT OF PAINT SHALL BE APPLIED AS REQUIRED FOR PROPER ADHESION AND APPLICATION OF FINISH COAT.
- ALL AREAS TO BE PAINTED SHALL RECEIVE A MINIMUM OF TWO (2) COATS OF PAINT TO COVER UNLESS NOTED OTHERWISE.
- PAINT FOR PRIMER COAT ON ACCENT WALLS SHALL BE AS SPECIFIED BY PAINT MANUFACTURER FOR COMPLETE COVERAGE OF EXISTING COLOR ON WALL.
- ALL WALLS TO BE PAINTED, SHALL BE IN EGG SHELL FINISH OR MANUFACTURER'S EQUAL UNLESS NOTED OTHERWISE.
- ALL DOOR FRAMES SHALL BE PAINTED IN SAME COLOR AS DOOR. FINISH: SEMI-GLOSS.
- ALL DOORS AND DOOR FRAMES SHALL BE PAINTED IN CODE AS SPECIFIED. FINISH: SEMI-GLOSS.
- ALL DOORS AND DOOR FRAMES SHALL BE THE SAME COLOR AS WALL IT IS ON UNLESS NOTED OTHERWISE. FINISH: SEMI-GLOSS.
- ALL CLOSET INTERIORS SHALL BE PAINTED TO MATCH ADJACENT WALL(S) FINISH, UNLESS NOTED OTHERWISE.
- ALL SOFFITS AND FACIAS SHALL BE PAINTED CODE AS SPECIFIED. FINISH: MATTE
- WHERE APPLICABLE, WALL FINISHES SHALL BE COMPLETED PRIOR TO INSTALLATION OF WALL BASE.
- ALL MATERIAL AND EQUIPMENT TO BE ELECTROSTATICALLY PAINTED SHALL BE WASHED WITH DETERGENT TO REMOVE ALL GREASE, GRIME AND DIRT. RUST SPOTS SHALL BE SANDED TO REMOVE RUST PARTICLES. AREA SHALL BE PRIMED AS REQUIRED BEFORE FINISH COAT OF PAINT IS APPLIED. PAINT SHALL BE APPLIED BY THE ELECTROSTAT PROCEDURE. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AREA FREE OF "PAINT DUST".

- SUBMIT A 5" X 5" PAINT COLOR CHIP FOR ARCHITECT'S APPROVAL PRIOR TO ORDERING OR COMMENCEMENT OF WORK.
- UPON COMPLETION OF A ROOM OR AREA IT SHALL BE LEFT IN A CLEAN AND ORDERLY CONDITION WITH ALL USED PAINT EQUIPMENT PROPERLY DISPOSED OF. PAINT SPLATTERS SHALL BE REMOVED FROM ALL WINDOW GLASS AND ALL SURFACES NOT BEING PAINTED.
- ALL SURFACES TO BE PAINTED SHALL BE LOAD TESTED TO INSURE THE ADDITIONAL LAYERS OF PAINT WILL ADHERE PROPERLY PRIOR TO THE START OF PAINTING.

- ALL PAINTED SURFACES THAT HAVE LAYER AFTER LAYER OF PAINT SHALL BE LOAD TESTED TO INSURE NEW PAINT WILL HOLD PAINT.
- ALL EXISTING PLASTER WALL TO BE SCRAPED OF ALL LOOSE MATERIAL. PATCH ALL HOLES WITH FIBERGLASS REINFORCING TAPE. WHERE MULTIPLE PATCHES EXIST OR A LARGE PATCH THE ENTIRE WALL OR CEILING SHALL BE SKIM COATED TO PROVIDE A SMOOTH LEVEL SURFACE

## CERAMIC TILE (FLOOR AND WALL)

CONTRACTOR SHALL:

- SUPPLY FIRST CLASS WORKMANSHIP.
- PREPARE SURFACE AS REQUIRED TO RECEIVE SPECIFIED TILE FOLLOWING TILE MANUFACTURER'S SPECIFICATION.
- INSTALL TILE WITH SPECIFIED SETTING MATERIAL AS RECOMMENDED BY TILE MANUFACTURER.
- INSTALL THE RECOMMENDED CERAMIC TRIM WHERE REQUIRED.
- INSTALL COVE TILE AT FLOOR LINE.
- INSTALL THE REQUIRED IN-CORNERS, OUT-CORNERS, JAMB TRIM.
- FOLLOW GROUT MANUFACTURER'S RECOMMENDATIONS AS TO GROUTING PROCEDURES AND PRECAUTIONS.
- LAY OUT ALL TILE WORK SO AS TO MINIMIZE CUTS LESS THAN ONE HALF TILE IN SIZE.
- LOCATE TILE CUTS SO AS TO BE LEAST CONSPICUOUS.
- LAY OUT TILE WAINSCOT TO NEXT FULL TILE BEYOND DIMENSIONS SHOWN.
- ALIGN ALL WALL JOINTS TO GIVE STRAIGHT UNIFORM GROUT LINES. PLUMB
- ALL CORNERS TO HAVE FLEXIBLE SEALANT JOINTS TO MATCH GROUT COLOR.
- CLEAN SURFACE TO BE TILED TO BE CLEAN AND FREE OF FOREIGN MATTER.
- ENSURE THAT SURFACES TO BE TILED SHALL BE LEVEL AS REQUIRED BY SPECIFIED TILE MANUFACTURER TO ENSURE A PROPER INSTALLATION.
- DETERMINE THE LOCATION OF ALL EXPANSION JOINTS BEFORE STARTING TILE WORK.
- ALIGN ALL FLOOR JOINTS TO GIVE STRAIGHT UNIFORM GROUT LINES, PLUMB AND LEVEL.
- PROPORTION ALL MIXES IN ACCORDANCE WITH LATEST ANSI SPECIFICATION.

- KEEP THE FACES OF THE TILE AS CLEAN AND FREE FROM CEMENT AND GROUT AS POSSIBLE TO FACILITATE CLEANUP. EXCESS GROUT SHALL BE REMOVED DURING THE GROUTING PROCEDURE.
- ENSURE THAT FINAL CLEANUP SHALL REMOVE ALL GROUT AND MORTAR RESIDUE FOLLOWING DIRECTION FOR CLEAN UP SPECIFIED BY THE MANUFACTURER.

- ENSURE THAT TILE SHALL BE FLUSH WITH ADJACENT FLOOR COVERING.
- INSTALL MARBLE SADDLE AT DOOR ENTRANCES.
- ALL TILE FLOORING SHALL MEET THE PROPER COEFFICIENT OF FRICTION REQUIRED BY CODE. \*GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES INCLUDING FLOORS AND WALKS SHALL BE STABLE, FIRM AND SLIP-RESISTANT. A STATIC COEFFICIENT OF FRICTION SHALL BE 0.6 FOR ACCESSIBLE ROUTES.

## WALL BASE

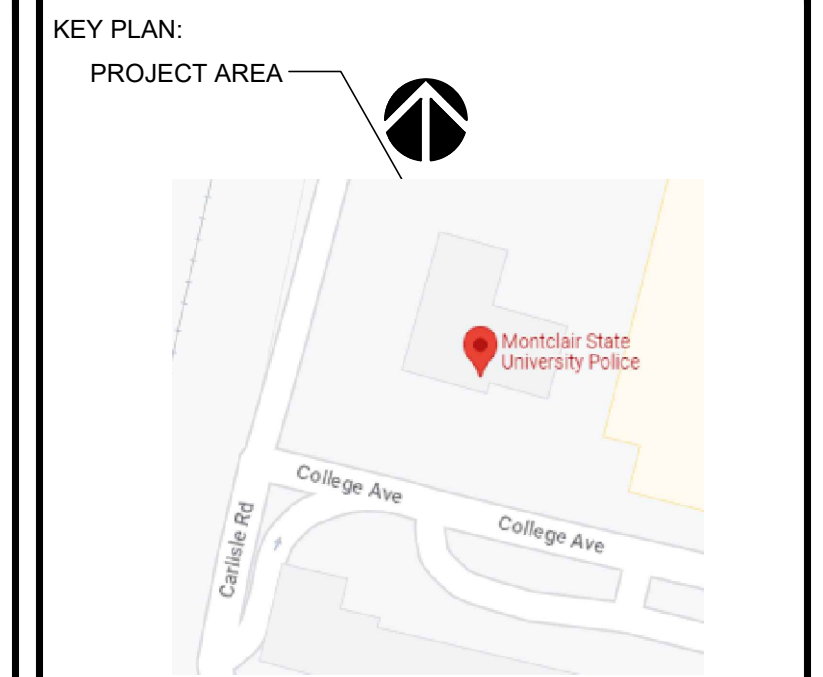
CONTRACTOR SHALL:

- REMOVE ALL EXISTING WALL BASE IN AREA RECEIVING NEW FLOOR COVERING AND REPLACE WITH NEW AS SPECIFIED BY THE ARCHITECT.
- INSTALL TILE COVE BASE IN TOILET ROOMS TO MATCH PORCELAIN FLOOR TILE.

## GYPSUM BOARD FINISH STANDARDS

CONTRACTOR SHALL FINISH GYPSUM BOARD SURFACES AS FOLLOWS:

- LEVEL 0  
NO TAPING, FINISHING OR ACCESSORIES REQUIRED.
- LEVEL 1  
ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE SET IN JOINT COMPOUND. SURFACE SHALL BE FREE OF EXCESS JOINT COMPOUND. TOOL MARKS AND RIDGES ARE ACCEPTABLE.
- LEVEL 2  
ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND WIPED WITH A JOINT KNIFE LEAVING A THIN COATING OF JOINT COMPOUND OVER ALL JOINTS AND INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH A COAT OF JOINT COMPOUND. SURFACE SHALL BE FREE OF EXCESS JOINT COMPOUND. TOOL MARKS AND RIDGES ARE ACCEPTABLE. JOINT COMPOUND APPLIED OVER THE BODY OF THE TAPE AT THE TIME OF TAPE EMBEDMENT SHALL BE CONSIDERED A SEPARATE COAT OF JOINT COMPOUND AND SHALL SATISFY THE CONDITIONS OF THIS LEVEL.
- LEVEL 3  
ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND ONE ADDITIONAL COAT OF JOINT COMPOUND APPLIED OVER ALL JOINTS AND INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH TWO SEPARATE COATS OF JOINT COMPOUND. ALL JOINT COMPOUND SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISHES. SEE PAINTING/WALLCOVERING SPECIFICATION IN THIS REGARD.
- LEVEL 4  
ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. A THIN SKIM COAT OF JOINT COMPOUND OR A MATERIAL MANUFACTURED ESPECIALLY FOR THIS PURPOSE, SHALL BE APPLIED TO THE ENTIRE SURFACE. THE SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINAL FINISHES. SEE PAINTING/WALLCOVERING SPECIFICATION IN THIS REGARD.
- LEVEL 5  
ALL JOINTS AND INTERIOR ANGLES SHALL HAVE TAPE EMBEDDED IN JOINT COMPOUND AND TWO SEPARATE COATS OF JOINT COMPOUND APPLIED OVER ALL FLAT JOINTS AND ONE SEPARATE COAT OF JOINT COMPOUND APPLIED OVER INTERIOR ANGLES. FASTENER HEADS AND ACCESSORIES SHALL BE COVERED WITH THREE SEPARATE COATS OF JOINT COMPOUND. A THIN SKIM COAT OF JOINT COMPOUND OR A MATERIAL MANUFACTURED ESPECIALLY FOR THIS PURPOSE, SHALL BE APPLIED TO THE ENTIRE SURFACE. THE SURFACE SHALL BE SMOOTH AND FREE OF TOOL MARKS AND RIDGES. NOTE: IT IS RECOMMENDED THAT THE PREPARED SURFACE BE COATED WITH A DRYWALL PRIMER PRIOR TO THE APPLICATION OF FINISH PAINT. SEE PAINTING SPECIFICATION IN THIS REGARD.



SECTION: BLOCK: LOT:

CONSULTANTS:

DATE	DESCRIPTION
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9.5.23	ISSUED FOR BID

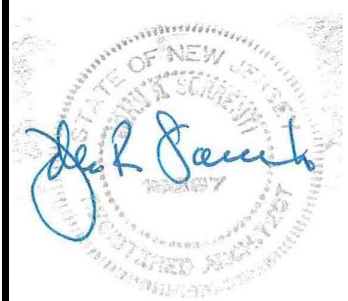
REV.	DATE	DESCRIPTION

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DRAWING TITLE: GENERAL NOTES

DRAWN BY: CR	DATE: 06/28/23
CHECKED BY:	SCALE: AS NOTED

	FILE NAME:
JRS NUMBER: 23014.00	SHEET NUMBER: T1.03

**ELECTRICAL NOTES:**

**1.01 WORK SCOPE**

- THE SCOPE OF WORK CONSISTS OF:
- DISCONNECTING AND REMOVING EXISTING LIGHTING FIXTURES, REUSE EXISTING, ASSOCIATED WIRING, CONDUITS, RACEWAYS, BOXES AND SUPPORTS, ETC., IN AREA OF WORK. WHERE IN CONFLICT WITH NEW CONSTRUCTION THE ABOVE SHALL BE REMOVED AND NEW INSTALLED.
  - FURNISHING, INSTALLING AND CONNECTING NEW, POWER OUTLETS LIGHT FIXTURES, SWITCHES, AND ASSOCIATED WIRING CONDUIT.
  - OTHER WORK SHOWN ON DRAWINGS AND INDICATED IN SPECIFICATIONS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND APPROVALS AND SHALL PAY ALL ASSOCIATED COSTS AND FEES.

**1.02 SUMMARY**

- PROVIDE ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES REQUIRED FOR COMPLETE INSTALLATION OF ALL WORK INDICATED ON THE DRAWINGS OR SPECIFIED HEREIN.
- OBTAIN ALL PERMITS AND APPROVALS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND PAY THE ASSOCIATED PRINTING AND FILING COSTS.
- VERIFY EXISTING CONDITIONS IN FIELD AND INCLUDE IN THE BID PRICE ALL WORK REQUIRED TO ACCOMMODATE THE EXISTING INSTALLATION.
- PROVIDE TEMPORARY LIGHTING AND POWER AS REQUIRED BY THE GENERAL CONDITIONS. REMOVE ALL TEMPORARY SERVICES AT THE COMPLETION OF WORK.

**1.03 QUALITY ASSURANCE**

- MATERIALS, EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF ALL APPLICABLE CODES AND THE REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION, INCLUDING THE NATIONAL ELECTRICAL CODE, THE INTERNATIONAL BUILDING CODE AND ELECTRICAL CODE AND OSHA. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE BUILDING STANDARDS AND THE REQUIREMENTS OF THE LOCAL UTILITY COMPANY.
- MATERIALS, EQUIPMENT AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE APPLICABLE REFERENCE STANDARDS PUBLISHED BY THE NFPA, UL, ANSI, IEEE AND NEMA.
- THE CONTRACTOR SHALL HAVE COMPLETED AT LEAST TWO PROJECTS OF SIZE AND COMPLEXITY SIMILAR TO THOSE REQUIRED UNDER THIS CONTRACT. ALL WORKMEN SHALL BE SKILLED IN THEIR RESPECTIVE TRADE.
- ALL WORK SHALL BE WARRANTED IN WRITING TO BE FREE FROM DEFECTS IN MATERIALS AND/OR WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER. WARRANTY SHALL INCLUDE ALL COSTS OF PARTS, LABOR, TRAVEL AND RELATED EXPENSES REQUIRED TO REPAIR OR REPLACE DEFECTIVE ITEMS.

**1.04 DELIVERY, STORAGE AND HANDLING**

- ALL EQUIPMENT SHALL BE DELIVERED IN MANUFACTURER'S ORIGINAL PROTECTIVE PACKAGING AND STORED IN A CLEAN, DRY PLACE PROTECTED FROM WEATHER, FUMES, WATER, DUST AND PHYSICAL DAMAGE. TOUCH UP DAMAGED FINISHES TO MATCH THE ORIGINAL FINISH.

**1.05 BASIC MATERIALS AND METHODS**

- COORDINATE ALL WORK WITH THE WORK OF OTHER TRADES PRIOR TO INSTALLATION. ASSIST IN THE PREPARATION OF COORDINATION DRAWINGS AS REQUIRED BY THE GENERAL CONDITIONS.
- ALL SHUTDOWNS OF BUILDING POWER, SIGNAL ALARM SYSTEMS SHALL BE COORDINATED WITH BUILDING OPERATING PERSONNEL. WORK TO ACCOMMODATE OFF-HOUR SHUTDOWNS SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
- CUT AND PATCH SURFACES AS REQUIRED. REPAIRS SHALL MATCH ORIGINAL FINISH. PENETRATIONS OF FIRE RATED PARTITIONS SHALL BE SEALED WITH APPROVED MATERIAL TO PROVIDE THE SAME RATING AS THE PARTITION. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE RATED PARTITIONS.
- PROVIDE EXPANSION FITTINGS WHERE RACEWAYS CROSS BUILDING EXPANSION JOINTS.
- EQUIPMENT, DEVICES AND ENCLOSURES SHALL BE RATED NEMA 1 FOR INTERIOR LOCATIONS, NEMA 3R FOR DAMP LOCATIONS AND NEMA 4 FOR EXTERIOR LOCATIONS.

**PART 2 - PRODUCTS**

**2.01 RACEWAYS**

- RIGID GALVANIZED STEEL (RGS) CONDUIT SHALL CONFORM TO UL 6. FITTINGS SHALL BE THREADED.
- INTERMEDIATE METALLIC CONDUIT (IMC) SHALL CONFORM TO UL 1242. FITTINGS SHALL BE THREADED.
- ELECTRICAL METALLIC TUBING (EMT) SHALL CONFORM TO UL 797. FITTINGS SHALL BE GLAND AND RING COMPRESSION TYPE.
- FLEXIBLE METALLIC CONDUIT SHALL CONFORM TO UL 1. LIQUID TIGHT FLEXIBLE METAL CONDUIT SHALL CONFORM TO UL 360.
- ARMORED CABLE SHALL BE 90°C RATED CODE TYPE ACTHH WITH A SEPARATE GREEN INSULATED GROUND CONDUCTOR IN ACCORDANCE WITH UL 4. JACKET SHALL BE GALVANIZED STEEL ARMOR.
- ALL CONDUIT FITTINGS AND CONNECTORS SHALL BE STEEL WITH INSULATED THROATS. DIE-FORMED ZINC FITTINGS ARE NOT ACCEPTABLE. BUSHINGS SHALL BE PROVIDED AT ALL CONDUIT TERMINATIONS. BUSHINGS LARGER THAN 1" SHALL BE GROUNDING TYPE. PVC BUSHINGS MAY BE UTILIZED ONLY FOR 3/4" BRANCH CIRCUIT CONDUITS TERMINATING AT PANELBOARDS.
- MINIMUM RACEWAY SIZE SHALL BE 3/4". RACEWAYS SHALL BE RUN PARALLEL TO BUILDING STRUCTURAL LINES. RACEWAYS SHALL NOT BE RUN HORIZONTALLY BELOW 8'-0" AFF IN PARTITIONS. ALL EMPTY RACEWAYS SHALL BE FURNISHED WITH A 200 LB. TEST NYLON DRAG LINE.
- CONDUIT UTILIZATION SHALL BE AS FOLLOWS:
  - RIGID GALVANIZED STEEL (RGS) - ALL EXTERIOR LOCATIONS, UNDERGROUND AND IN CONCRETE SLABS.
  - INTERMEDIATE METALLIC CONDUIT (IMC) - MAY BE USED IN LIEU OF RGS WHERE PERMITTED BY THE AUTHORITY HAVING JURISDICTION.
  - ELECTRICAL METALLIC TUBING (EMT) - INTERIOR CONCEALED AND EXPOSED LOCATIONS.
  - FLEXIBLE METALLIC CONDUIT - FINAL CONNECTIONS TO LIGHTING FIXTURES IN INTERIOR LOCATIONS (MAX. LENGTH 6'-0"); WHERE APPROVED BY THE ENGINEER.
  - LIQUID TIGHT FLEXIBLE CONDUIT - FINAL CONNECTIONS TO MOTORS AND MECHANICAL EQUIPMENT; CONNECTIONS IN EXTERIOR LOCATIONS.
  - TYPE MC CABLE OR TYPE AC CABLE WITH SEPARATE INSULATED GROUND CONDUCTOR - FINAL CONNECTIONS ONLY FROM JUNCTION BOXES ABOVE CEILING TO RECEPTACLES (MAX. LENGTH 20'-0"). NOT TO BE USED FOR HOMERUNS OR FEEDERS TO MECHANICAL EQUIPMENT.
  - WIREWAYS AND AUXILIARY GUTTERS SHALL BE TWO PIECE STEEL CONSTRUCTION WITH ANSI 61 GRAY ENAMEL FINISH. COVERS SHALL BE COMBINATION HINGED AND SCREW-ON TYPE. HOUSINGS SHALL HAVE REGULARLY SPACED KNOCKOUTS FOR CONDUIT ENTRY. WIREWAYS SHALL BE MANUFACTURED BY SQUARE D OR APPROVED EQUAL. PROVIDE ALL END PIECES, CONNECTORS AND REQUIRED ACCESSORIES.

**2.02 BOXES**

- OUTLET, PULL AND JUNCTION BOXES SHALL BE FABRICATED FROM STEEL AND CONFORM TO UL 50, UL514 AND NEMA OS1. BOXES FOR INTERIOR LOCATIONS SHALL BE CODE GAUGE, GALVANIZED SHEET STEEL. BOXES FOR MECHANICAL ROOMS SHALL BE CAST STEEL WITH GASKETED COVERS.
- BOXES SHALL CONTAIN SUITABLE KNOCKOUTS. BARRIERS SHALL BE FURNISHED AS REQUIRED BY CODE.
- BOXES SHALL BE SIZED AS REQUIRED BY CODE FOR NUMBER AND GAUGE OF CONDUCTORS THEREIN, EXCEPT WHERE NOTED TO BE LARGER, THE MINIMUM BOX SIZE SHALL BE 4" SQUARE BY 1-1/2" DEEP. COVERS GREATER THAN 50 LBS. SHALL BE DIVIDED INTO MULTIPLE SECTIONS.

**2.03 WIRES, CABLES, SPLICES AND TERMINATIONS**

- POWER AND CONTROL WIRING SHALL BE TINNED COPPER, MINIMUM 98% CONDUCTIVITY, WITH TYPE "THHN" INSULATION RATED 600 VOLTS. MINIMUM WIRE SIZE SHALL BE #12 AWG. CONDUCTORS SHALL BE SOLID FOR WIRE SIZES #10 AWG AND SMALLER AND STRANDED FOR WIRE SIZES #8 AWG AND LARGER.
 

208/120V	PHASE
BLACK	A
RED	B
BLUE	C
WHITE	NEUTRAL
GREEN	GROUND
GREEN W/TRACER	ISOLATED GROUND
WHITE W/TRACER	NEUTRAL FOR GFI CKT
- CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS:
- CONDUCTOR SIZES SHALL BE INCREASED WHERE REQUIRED TO COMPENSATE FOR VOLTAGE DROP AND HIGH AMBIENT TEMPERATURE.
- SPLICES FOR WIRE SIZES #10 AWG AND SMALLER SHALL BE MADE WITH SPRING CONNECTORS AND TAPE. SPLICES FOR WIRE SIZES #8 AWG AND LARGER SHALL BE COMPRESSION TYPE WITH PRE-MOLDED COVER AND TAPE.
- TERMINATION OF POWER AND CONTROL WIRING SHALL BE COMPRESSION TYPE, WITH TWO-HOLE LUGS FOR WIRE SIZES #8 AWG AND LARGER. MECHANICAL LUGS MAY ONLY BE UTILIZED FOR TERMINATION AT BRANCH CIRCUIT PANELBOARDS.

**2.04 WIRING DEVICES**

- WIRING DEVICES SHALL BE SPECIFICATION GRADE WITH NEMA CONFIGURATIONS AS INDICATED ON THE DRAWINGS. COLOR OF DEVICES SHALL BE AS SELECTED BY THE ARCHITECT. WIRING DEVICES SHALL BE MANUFACTURED BY HUBBEL OR APPROVED EQUAL.
- FACE PLATES SHALL BE MATCHING DECORA STYLE. FACE PLATES SHALL BE FURNISHED FOR ALL COMMUNICATIONS OUTLETS AND SHALL BE CONFIGURED TO SUIT THE SYSTEM SUPPLIERS REQUIREMENTS. DEVICES MOUNTED ADJACENT TO EACH OTHER SHALL BE FURNISHED WITH A COMMON FACE PLATE AND BE GANGED IN ONE BOX WITH FAN SWITCH FURTHEST FROM THE DOOR.
- MULTI-OUTLET ASSEMBLIES SHALL BE TWO PIECE STEEL CONSTRUCTION WITH BAKED ENAMEL FINISH, UNLESS OTHERWISE INDICATED ON THE DRAWINGS, ASSEMBLIES SHALL BE SINGLE CIRCUIT WITH SPECIFICATION GRADE NEMA 5-15R RECEPTACLES 6" ON CENTER. MULTI-OUTLET ASSEMBLIES SHALL BE WIREMOLD PLUGMOLD 2000 OR APPROVED EQUAL. PROVIDE ALL END FITTINGS, BLANK SECTIONS AND REQUIRED ACCESSORIES.

**2.05 LIGHTING FIXTURES AND EQUIPMENT**

- LIGHTING FIXTURES SHALL BE SPECIFICATION GRADE AND FURNISHED COMPLETE WITH ALL REQUIRED MOUNTING HARDWARE. FIXTURES SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE ESTABLISH THE PERFORMANCE REQUIREMENTS. SUBSTITUTIONS MUST MEET OR EXCEED THE PERFORMANCE OF THE SPECIFIED FIXTURE.
- SUBMIT SCALED LAYOUT DRAWINGS FOR CONTINUOUS FIXTURES. SUBMIT SAMPLES WHEN REQUIRED BY THE LIGHTING FIXTURE SCHEDULE OR WHEN REQUESTED FOR SUBSTITUTIONS.
- LAMPS SHALL BE OF THE TYPES SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE. ALL LAMPS OF ANY ONE TYPE SHALL BE THE PRODUCT OF ONE MANUFACTURER. FURNISH 10% SPARE LAMPS OF EACH TYPE SPECIFIED.
- BALLASTS SHALL BE CBM CERTIFIED, UL CLASS P, RAPID START, HIGH POWER FACTOR, ENERGY EFFICIENT TYPE, NEMA SOUND RATING A OR BETTER OR COMPATIBLE WITH THE LAMPS FURNISHED. ELECTRONIC BALLASTS SHALL BE FULLY SOLID STATE, HIGH FREQUENCY WITH RFI PROTECTION. THREE AND FOUR LAMP FIXTURES SHALL UTILIZE ONE AND TWO LAMP BALLASTS.
- FIXTURE LENSES AND LOUVERS SHALL BE PROTECTED FROM DUST AND DIRT DURING CONSTRUCTION AND SHALL BE CLEANED PRIOR TO PROJECT COMPLETION. REFLECTORS SHALL BE ADJUSTED AS REQUIRED.
- CONTRACTOR SHALL ENSURE COMPATIBILITY BETWEEN FIXTURE TRIMS AND CEILING SYSTEMS. FIXTURES RECESSED IN ACCESSIBLE CEILINGS SHALL BE FURNISHED WITH TWO EARTHQUAKE CLIPS. FIXTURES RECESSED IN NON-ACCESSIBLE CEILING SHALL BE DESIGNED FOR BALLAST ACCESS THROUGH THE FIXTURE OPENING.
- LAMPS AND BALLASTS FURNISHED SHALL BE APPROVED BY THE LOCAL UTILITY COMPANY FOR ANY APPLICABLE HIGH-EFFICIENCY LIGHTING REBATE PROGRAMS. CONTRACTOR SHALL SUBMIT ALL REQUIRED DOCUMENTATION, INCLUDING RECEIPTS WITH UNIT PRICES, FOR FILING OF REBATE FORMS.

**2.06 FASTENERS**

- PROVIDE INSERTS, EXPANSION SHIELD LUGS, ANCHORS, BOLTS WITH NUTS AND WASHERS, SHIMS OR ANY OTHER TYPE OF FASTENING DEVICES REQUIRED TO FASTEN PANELS OR OTHER EQUIPMENT TO FLOORS, WALLS OR CEILINGS. UNLESS OTHERWISE SPECIFIED HEREIN OR SHOWN ON THE CONTRACT DRAWINGS, ALL FASTENERS BE HOT-DIPPED GALVANIZED, OF SIZES AND TYPES RECOMMENDED BY THE EQUIPMENT MANUFACTURER AND AS APPROVED BY THE ARCHITECT.

**PART 3 - EXECUTION**

**3.01 CUTTING AND PATCHING**

- ALL CUTTING AND PATCHING REQUIRED FOR EQUIPMENT INCLUDED IN THESE SPECIFICATIONS SHALL BE DONE BY THIS CONTRACTOR.
- THIS CONTRACTOR SHALL NOT DO ANY CUTTING THAT MAY IMPAIR THE STRENGTH OF BUILDING CONSTRUCTION. NO HOLES ARE TO BE DRILLED INTO ANY STRUCTURAL MEMBERS, CLAMPS OR OTHER APPROVED HOLDING DEVICES ARE TO BE USED.
- ALL CUTTING OF EXISTING FLOORS, CEILINGS AND WALLS SHALL BE PERFORMED IN A MANNER SO AS TO MINIMIZE DAMAGE TO ADJACENT MATERIALS. PATCHING OF ALL SURFACES SHALL BE PERFORMED IN A MANNER APPROVED BY THE ARCHITECT TO INSURE COMPLETE MATCHING WITH ADJACENT FINISHES AFTER FINAL TREATMENT OF SURFACES.

**3.02 SEALING OF PENETRATIONS**

- ALL PENETRATIONS OF WALLS, FLOORS OR CEILINGS MUST BE SEALED IN AN APPROVED MANNER USING AN OUTER CIRCUMFERENTIAL SLEEVE FILLED INSIDE AND OUT.
- ALL PENETRATIONS OF FIRE RATED WALLS, FLOORS OR CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO PROVIDE SAME RATINGS AS FLOOR, WALL OR CEILING ASSEMBLY. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS

**3.03 INSTALLATION OF LIGHTING FIXTURES**

- LOCATIONS OF LIGHTING FIXTURES INDICATED ON THE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES PRIOR TO INSTALLATION.
- RECESSED FIXTURES SHALL BE FURNISHED COMPLETE WITH MOUNTING DEVICES AND ACCESSORIES.
- FIXTURES SHALL BE ATTACHED TO CEILING SUPPORTING MEMBERS AND SHALL NOT DEPEND UPON LATHING OR PLASTER FOR ALIGNMENT OR SUPPORT. FIXTURES IN SUSPENDED CEILINGS SHALL BE SUPPORTED BY SADDLE HANGERS OR TIE-BARS ATTACHED TO RUNNERS OR BETWEEN CROSSBARS OF CEILING SYSTEMS. MOUNTING SPLINES OR OTHER POSITIVE MEANS OF MAINTAINING ALIGNMENT AND RIGIDITY SHALL BE PROVIDED. SUPPORTING MEMBERS SHALL BE SURFACE PASSIVATED AND SHALL BE PRIMED OR PAINT DIPPED TO RESIST CORROSION. FASTENING DEVICES SHALL BE OF A POSITIVE, LOCKING TYPE, AND SHALL NOT REQUIRE THE USE OF SPECIAL TOOLS TO REMOVE. THE WIRES SHALL NOT BE USED IN PLACE OF FASTENING DEVICES.
- HANGING OF LIGHTING FIXTURES IS TO BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND LOCAL BUILDING CODE. ALL LIGHTING FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND NOT FROM THE CEILING SUSPENSION SYSTEM.
- SPLICES SHALL NOT BE PERMITTED IN ANY RUN OF LIGHTING FIXTURE HOOKUP WIRE.
- SEPARATELY MOUNTED OUTLET BOXES AND FLEXIBLE CONDUIT PIGTAIL CONNECTIONS (MAXIMUM LENGTH OF 6'-0") SHALL BE PROVIDED FOR LIGHTING FIXTURES RECESSED IN HUNG CEILINGS WITH ACCESSIBLE TILES. ONE (1) OUTLET BOX MAY SERVE UP TO A MAXIMUM OF FOUR (4) RECESSED LIGHTING FIXTURES.

**3.04 TEMPORARY LIGHT AND POWER**

PROVIDE TEMPORARY LIGHT AND POWER SYSTEM (AS PART OF CONTRACT) ADEQUATE FOR THE REQUIREMENTS OF ALL TRADES DURING CONSTRUCTION. TEMPORARY SYSTEM SHALL BE DISCONNECTED AND REMOVED WHEN PERMANENT SERVICE IS IN OPERATION.

- AFTER COMPLETION OF THE ENTIRE ELECTRICAL INSTALLATION:
  - THE CONTRACTOR, PRIOR TO FINAL ACCEPTANCE, SHALL CLEAN ALL SWITCHES, CABINETS, DEVICE PLATES, FIXTURES AND OTHER ITEMS FURNISHED UNDER THIS CONTRACT AND SHALL ENSURE THAT ALL PANELBOARD DIRECTORIES ARE IN PLACE AND COMPLETED OR REVISED AS REQUIRED BY THE WORK, AND THAT ALL IDENTIFICATION AND MARKING OF EQUIPMENT, CABLES, ALL JUNCTION BOXES AND OTHER ITEMS IS COMPLETED.
  - THE CONTRACTOR SHALL REPAIR OR REPLACE, AS DIRECTED BY THE ENGINEER, ANY ITEM DAMAGED DUE TO INSTALLATION OR RELOCATION OF EQUIPMENT OR DEVICES, AT NO ADDITIONAL COST TO THE OWNER.

KEY PLAN:  
PROJECT AREA

SECTION: BLOCK: LOT:

CONSULTANTS:

COMMENTS:

DATE	DESCRIPTION
05.16.23	ISSUED FOR REVIEW
9.5.23	ISSUED FOR BID

REV.	DATE	DESCRIPTION

REVISIONS :

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DRAWING TITLE: ELECTRICAL NOTES

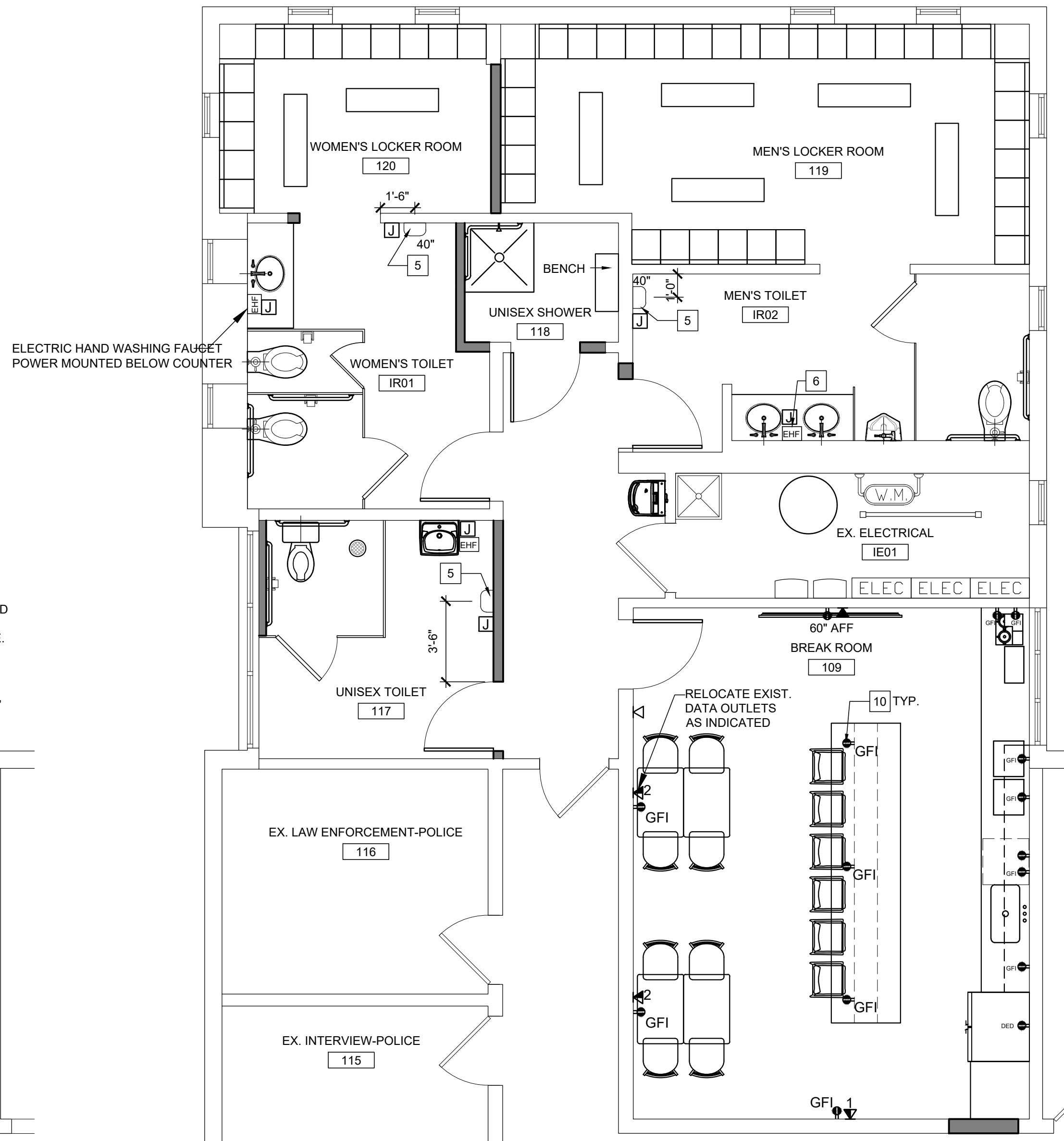
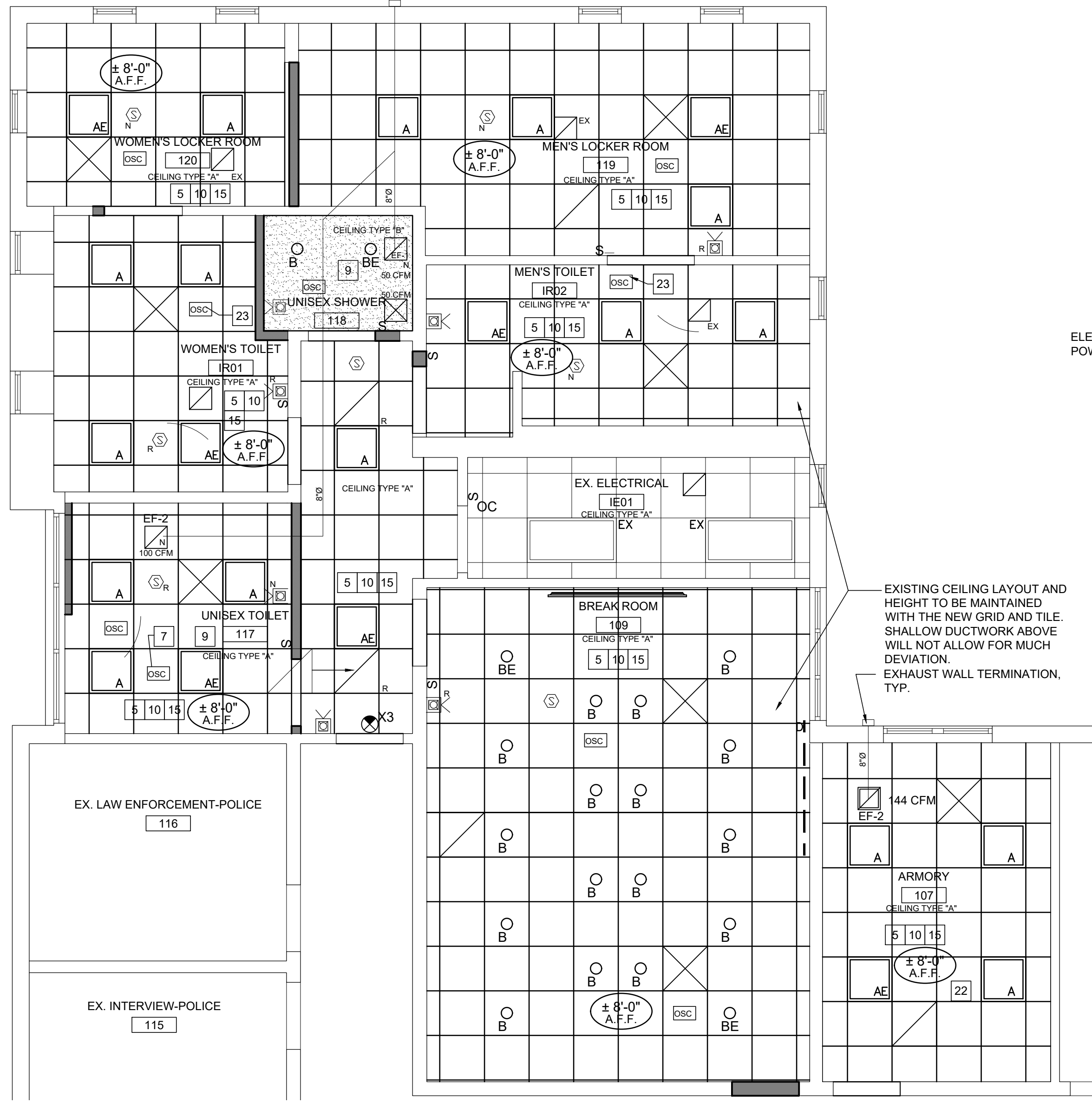
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JRS NUMBER: 23014.00  
SHEET NUMBER:  
**T1.04**









### CEILING NOTES:

- REFER TO T1.01 FOR ADDITIONAL INFORMATION AND LEGENDS.
- CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT THE LIGHT FIXTURE TRIM SPECIFIED IS COMPATIBLE WITH CEILING GRID/CEILING TILE/ CEILING CONSTRUCTION SPECIFIED.
- COORDINATE AND FIELD VERIFY ALL CEILING STARTING POINTS WITH ARCHITECT.
- MULTIPLE ADJACENT SWITCHES SHALL BE MOUNTED IN A SINGLE MULTI-GANG BOX AND BE COVERED WITH A SINGLE CONTINUOUS FACEPLATE. WHERE AN ADDITIONAL SWITCH IS ADDED TO AN EXISTING SWITCH LOCATION, REMOVE EXISTING SWITCHES AND PROVIDE A NEW SINGLE FACEPLATE.
- AREA OF NEW CEILING IS NOTED SCHEMATICALLY ONLY AND DOES NOT CONSTITUTE THE LIMITS FOR SCOPE OF WORK. CONTRACTOR TO VERIFY SCOPE OF REMOVALS AND NEW CONSTRUCTION TO DETERMINE LIMITS OF NEW CEILING CONSTRUCTION.
- PROVIDE ALL NECESSARY HANGERS & CLIPS FOR PROPER LIGHT FIXTURE INSTALLATION. FOR LIGHT SWITCHES AND CONTROLS SEE POWER DRAWINGS. COLOR AS SPECIFIED BY ARCHITECT.
- PATCH EXISTING CEILING AT AREA OF NEW CONSTRUCTION AND ALONG ACCESSIBLE ROUTE FOR ALL TRADES, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, AND COMMUNICATION, TRADES.
- COORDINATE ALL EXISTING HVAC SUPPLY AND RETURN IN THE NEW UNISEX TOILET AND UNISEX SHOWER AREA. MECHANICAL CONTRACTOR TO REBALANCE THE HVAC IN THESE AREAS.
- ALL CEILING REGISTER LOCATIONS TO REMAIN AND TO BE CENTERED IN CEILING TILE UNLESS OTHERWISE NOTED. CEILING REGISTERS ARE BEING REUSED AND SHOULD BE CLEANED PRIOR TO REINSTALLING.
- AREAS INDICATED WITHOUT LAYOUT SHALL BE EXISTING TO REMAIN.
- WHERE CEILING TRACK ABUTS WALL CONSTRUCTION, RUN CONTINUOUS BEAD OF SEALANT AROUND PERIMETER OF TRACK. COLOR TO MATCH GRID.
- ALL CUT PANELS TO HAVE EDGES PAINTED.
- PROVIDE MATCHING CEILING ANGLE FOR ALL TERMINATIONS.
- ALL LIGHT FIXTURES TO BE REPLACED WITH NEW LIGHT FIXTURES AS INDICATED U.O.N.
- EXISTING SPRINKLER HEAD COVERS TO BE CLEANED AND REINSTALLED.
- EXISTING TOILET EXHAUST TO BE REINSTALLED AND CLEANED.
- PROPERLY FIRESTOP ANY DUCT OR PIPE PENETRATIONS
- INSTALL SEISMIC BRACING PER MANUF. INSTRUCTIONS SEE A3.02 FOR MORE INFO.
- NEW LIGHTING TO CONNECT TO EXISTING LIGHTING CIRCUIT AND SWITCHING THAT SERVED OLD FIXTURES
- SEE NOTE #7 ON A101 FOR SPECIFICATIONS ON OCCUPANCY SENSORS.
- NEW EXHAUST FAN IN THE ARMORY. TIE INTO OCCUPANCY SWITCH.
- OCCUPANCY SENSOR: EACH BATHROOM TO HAVE NEW LIGHTING TIED INTO NEW OCCUPANCY SENSOR CONTROLS. PROVIDE ALL ACCESSORIES FOR COMPLETE INSTALL.
- BASES OF DESIGN: HUBBELL CEILING MOUNT SENSOR: MODEL#OMNIUS2000 WITH UVPP TAP OFF EXISTING DUCT MAIN FOR NEW DIFFUSER 6" Ø DUCT. SEE A1.05 FOR TYPICAL DETAIL.
- THE DESIGN AND INSTALLATION OF THE REVISED HVAC SYSTEM SHOULD BE IN ACCORDANCE WITH DATA SHEET 1-45, AIR CONDITIONING AND VENTILATING SYSTEMS.

### POWER NOTES:

- REFER TO T1.01 AND A1.03 FOR ADDITIONAL INFORMATION AND LEGENDS.
- ALL ELECTRIC TO BE CONCEALED. IF ELECTRIC WIRING CAN NOT BE CONCEALED SUPPLY SURFACE MOUNTED RACEWAYS PAINT TO MATCH WALL FINISH IT IS INSTALLED OVER. EXISTING CMU BLOCK SHALL BE SAW CUT TO RECESS DEVICES AND CORE DRILLED TO ACCESS HOLLOW CORES TO RUN WIRING THROUGH CELLS TO FEED DEVICES. CONTRACTOR TO DETERMINE WHICH BLOCK WALLS CONTAIN HOLLOW CELLS OR ARE BACKED WITH A CHASE SO WIRING CAN BE RUN CONCEALED.
- ALL ELECTRICALLY POWERED EQUIPMENT SHOULD BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, AND REFER TO DATA SHEET 5-4, TRANSFORMERS, AND DATA SHEET 5-19, SWITCHGEAR AND CIRCUIT BREAKERS, FOR THE DESIGN AND INSTALLATION OF THE BREAKERS, PANELS, DISCONNECTS, AND TRANSFORMERS
- NOT USED.
- PROVIDE DEDICATED CIRCUIT FOR EACH ELECTRIC HAND DRYER (EHD), EACH UNIT IS 1500 WATTS. CONFIRM VOLTAGE WITH PANEL. CONNECTING TOO PRIOR TO ORDERING.
- PROVIDE POWER FOR ELECTRIC FAUCET TRANSFORMER MOUNTED BELOW COUNTER. PROVIDE 20 AMP CIRCUIT. COORDINATE MOUNTING HEIGHT AND LOCATION WITH PLUMBING AND MILLWORK COUNTER.
- NOT USED.
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE PANELS THAT ELECTRIC WILL BE PULLED FROM FOR ANY NEW CIRCUITS. THE RUN OF CABLEING TO THESE PANELS SHALL BE INCLUDED IN THE BID.
- DUPLEX OUTLETS AT THE TABLE AND BAR SHOULD INCLUDE USB CHARGING PORTS.
- INSTALL 1" CONDUIT FOR DATA OUTLETS FOR MULTIPLE PULLS IN SINGLE GANG BOX WITH DRAG LINE TO HUNG CEILING CEILING SPACE. TERMINATE ALL CONDUITS WITH BUSHING. COORDINATE ALL CABLE TYPES, CONDUIT SIZES, AND BOX SIZES WITH IT VENDOR PRIOR TO INSTALLATION.

### FIRE ALARM NOTES:

- WHERE MODIFICATIONS TO WIRING IS REQUIRED IT SHALL BE SUPERVISED SO THAT THE FIRE COMMAND STATION WILL BE NOTIFIED IN THE EVENT OF ANY RUPTURE/BREAK IN THE WIRE.
- LOCATION OF ALL FIRE ALARM EQUIPMENT SHALL BE SUBJECT TO APPROVAL OF AUTHORITIES HAVING JURISDICTION.
- THE ADDITION OF NEW EQUIPMENT SHALL BE COMPATIBLE WITH THE EXISTING SYSTEM AND SHALL MEET CODE.
- THE DESIGN AND INSTALLATION OF THE FIRE ALARM SYSTEM SHOULD BE IN ACCORDANCE WITH DATA SHEET 5-40, FIRE ALARM SYSTEMS, AND LOSS PREVENTION DATA SHEET 5-48, AUTOMATIC FIRE DETECTION. ALL MATERIALS SHOULD BE FM APPROVED AND COMPATIBLE WITH ONE ANOTHER.

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

**2 POWER PLAN**  
SCALE: 1/4" = 1'-0"

### LIGHTING SCHEDULE & SYMBOL LIST

SYMBOL/DIM. ZONE	SIZE	MANUFACTURER	MODEL	LAMP	REMARKS
A	24"X24"	PINNACLE	ADE0 AD22A-2TSHO-G1-UNV-1C-W	USHIO #3000461	
OB	6" Ø	LIGHTOLIER	6RN / C6RDLCC / C6L15835WZ10U	PROVIDED WITH FIXTURE	RECESSED LED DOWNLIGHT
OB-E	6" Ø	LIGHTOLIER	6RNEM / C6RDLCCCEM / C6L15835WZ10U	PROVIDED WITH FIXTURE	RECESSED LED DOWNLIGHT W/ EM BATTERY PACK
OC	13.25"X5.25"	DUAL LITE	LZ2D1		EMERGENCY FIXTURE WITH 90 MIN. BATTERY BACK-UP
OD	6'-0" LONG	ACOLYTE	CHAC2F-OSCS2654.4 40-5	PROVIDED WITH FIXTURE	UNDER CABINET LIGHT
OX3		EXIT SIGN	LIGHT ALATMS	LED	RECESSED
OSC		OCCUPANCY SENSOR	HUBBEL	OMNI US 2000	PROVIDE WITH POWER PACK UVPP

### FIRE ALARM SYMBOL LIST

	EXISTING WALL MOUNTED COMBINATION HORN/ STROBE DEVICE
	RELOCATED WALL MOUNTED COMBINATION HORN/ STROBE DEVICE
	NEW WALL MOUNTED COMBINATION HORN/ STROBE DEVICE
	EXISTING CEILING MOUNTED SMOKE DETECTOR
	RELOCATED CEILING MOUNTED SMOKE DETECTOR
	NEW CEILING MOUNTED SMOKE DETECTOR

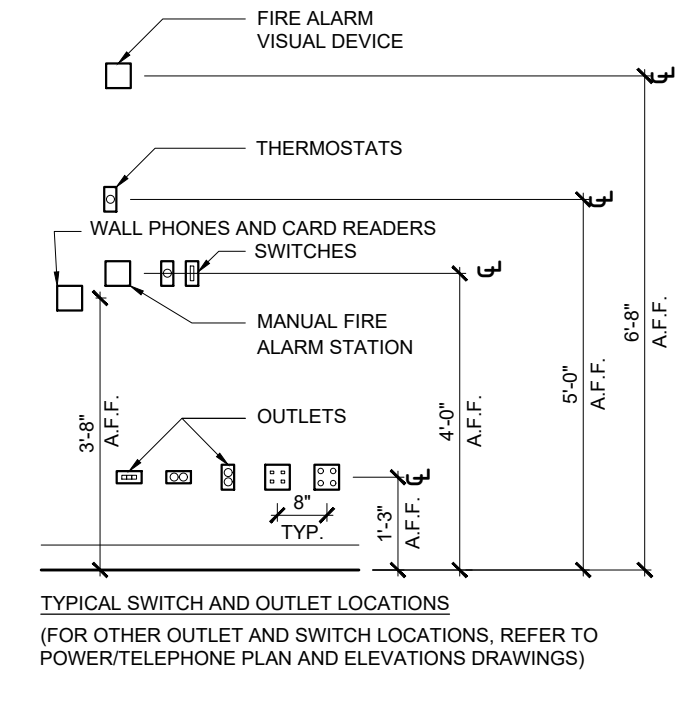
### EXHAUST FAN SCHEDULE

SYMBOL	UNIT	MANUFACTURER	MODEL	CFM	REMARKS
EF-1	EF-1	GREENHECK	SP-AF0-90-VG-QD	50	PROVIDE 8" ROUND DUCT. NOTES 1-5
EF-2	EF-2	GREENHECK	SP-A125-QD	109-144	PROVIDE 8" ROUND DUCT. BALANCE TO CFM SHOWN ON PLAN. NOTES 1-5

- PROVIDE WITH MANUFACTURERS GRAVITY BACKDRAFT DAMPER.
- PROVIDE WITH WALL METAL HOOD W/ WMS TERMINATION FANTECH FML8 OR EQUAL. COLOR WHITE
- PROVIDE DIAL-ON-FAN SPEED CONTROL FOR BALANCING
- UNIT SHALL OPERATE DURING OCCUPIED HOURS TIE TO ROOM MOUNTED OCCUPANCY SENSOR.
- PROVIDE AUTOMATIC DEHUMIDISTAT GREENHECK 385364 IN SHOWER AREA.

### CEILING SCHEDULE & SYMBOL LIST

SYMBOL / DIM. ZONE	DESCRIPTION
	ARMSTRONG ACOUSTICAL TILE 24" X 24" X 15/16" ANGLED TEGULAR #1833 LAY-IN FOR PRELUDE XL 1/8" EXPOSED TEE GRID, INTERMEDIATE DUTY. COLOR OF GRID TO BE WHITE.
	5/8" FIBEROCK AQUA TOUCH GYPSUM BOARD CEILING WITH LEVEL 4 FINISH.
	EXIST. RETURN DIFFUSER
	EXIST. SUPPLY DIFFUSER



### POWER LEGEND:

- EXISTING DUPLEX RECEPTACLE TO REMAIN (COORDINATE W/ NEW LAYOUT)
- EXISTING QUAD RECEPTACLE OUTLET TO REMAIN
- EXISTING TELE/ DATA OUTLET TO REMAIN
- PROPOSED QUAD RECEPTACLE OUTLET
- PROPOSED DUPLEX RECEPTACLE OUTLET
- PROPOSED DEDICATED DUPLEX RECEPTACLE OUTLET
- PROPOSED TELE/ DATA OUTLET CAT 5E
- PROPOSED JUNCTION BOX
- PROPOSED TELEPHONE OUTLET - MOUNT AT 44"
- PROPOSED CARD READER - MOUNT AT 44"
- PROPOSED ELECTRIC LOCK - MOUNT AT 38"
- PROPOSED AUTOMATIC OPERATOR-AT DOOR HEAD
- PROPOSED PUSH PLATE ACTUATOR - MOUNT AT 44"

PRODUCT SPECIFICATION:  
SEE SPEC. BOOK FOR FURTHER INFO. ALL SPECIFIED PRODUCTS USED AS BASIS OF DESIGN. LISTED PRODUCTS OF EQUAL OR GREATER QUALITY MAY BE USED BUT MUST BE APPROVED.

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DRAWING TITLE: REFLECTED CEILING & POWER PLAN

DRAWN BY: HM DATE: 06/28/23  
CHECKED BY: CR SCALE: AS NOTED

FILE NAME:  
JRS NUMBER: 23014.00

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**A1.02**



# FINISH PLAN LEGEND

- PROPOSED GYPSUM BOARD PARTITION
- EXISTING PARTITION TO REMAIN
- DENOTES FINISH ACCENT
- DENOTES TRANSITION STRIP
- DENOTES FINISH SYMBOL

# INTERIOR FINISH SCHEDULE

FLOORING					
FIN NO.	ITEM	MANUF. / DISTRIBUTOR	MODEL / COLOR	FLAME SPREAD RATING	REMARKS
CT-1	PORCELAIN TILE	NEMO TILE	ALCHEMY - ZINC 12 X 24		USE 1/8" GROUT LATICRETE SPECTRALOCK PRO PREMIUM EPOXY COLOR: TBD
VCT-1	VINYL COMPOSITE TILE	ARMSTRONG	STANDARD EXCELON - CHARCOAL 12 X 12		
LVT-1	LUXURY VINYL TILE	SHAW CONTRACT	STYLE - KIND - 4123V - REED 23155 24 X 24		
TS-1	TRANSITION STRIP/SADDLE		MARBLE SADDLE COLOR: QUARTZ TO MATCH TILE COLOR		SADDLE TO BE ADA COMPLIANT
WALL BASE					
CTB-1	TILE BASE	NEMO TILE	ALCHEMY - ZINC 2 1/2" X 24" SKIRTING		USE 1/8" GROUT LATICRETE SPECTRALOCK PRO PREMIUM EPOXY COLOR: TBD
WB-1	VINYL BASE	JOHNSONITE	4" NO TOE BASE		
WALLS					
CT-2	TOILET WALL TILE	NEMO TILE	METRO - GRAPHITE MATTE 4 X 16		USE 1/8" GROUT LATICRETE SPECTRALOCK PRO PREMIUM EPOXY COLOR: TBD
CT-3	BREAK ROOM WALL TILE	NEMO TILE	METRO - STEEL MATTE 2 X 8		USE 1/8" GROUT LATICRETE SPECTRALOCK PRO PREMIUM EPOXY COLOR: TBD
CT-4	SHOWER WALL TILE	NEMO TILE	METRO - STEEL MATTE 4 X 16		USE 1/8" GROUT LATICRETE SPECTRALOCK PRO PREMIUM EPOXY COLOR: TBD
PT-1	PAINT	SHERWIN WILLIAMS	SW 7015 - REPOSE GRAY	CLASS A	PEARL FINISH @ WALLS SEMI-GLOSS @ MOLDINGS
PT-2	PAINT	SHERWIN WILLIAMS	SW 7030 - ANEW GRAY	CLASS A	PEARL FINISH @ WALLS SEMI-GLOSS @ MOLDINGS
PT-3	PAINT	BENJAMIN MOORE	967 - CLOUD WHITE	CLASS A	FLAT FINISH @ CEILINGS
TP-1	TOILET PARTITION	BOBRICK DURALINE	1181 SERIES; COLOR -	CLASS A	
SOLID SURFACE					
SS-1	SOLID SURFACE	CORIAN	1" THICK WITH EASED EDGE COLOR: WEATHERED AGGREGATE		PROVIDE 4" BACKSPLASH AND SIDE SPLASH
PLASTIC LAMINATE					
PL-1	LAMINATE	WILSONART	NATURAL RIFT - 7954-38		
PL-2	LAMINATE	WILSONART	TRACELESS BLACK VELVET - 15505		

KEY PLAN:  
PROJECT AREA

SECTION: BLOCK: LOT:

CONSULTANTS:

COMMENTS:

DATE	DESCRIPTION
05.16.23	ISSUED FOR REVIEW
9.5.23	ISSUED FOR BID

REVISIONS:

REV.	DATE	DESCRIPTION

CLIENT INFORMATION:

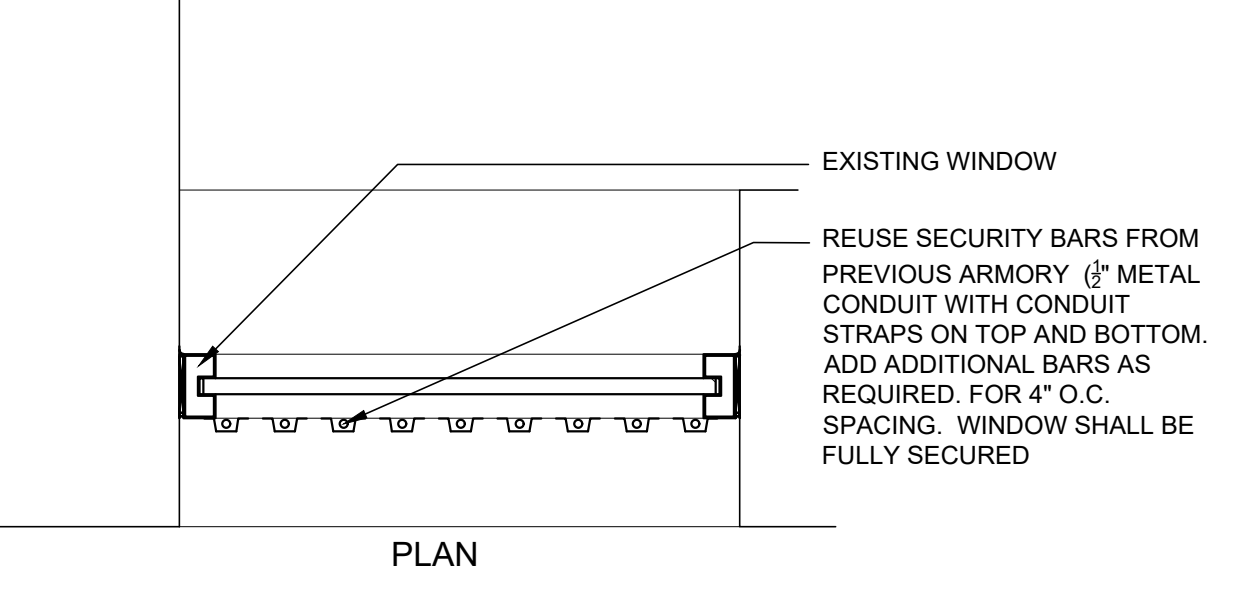
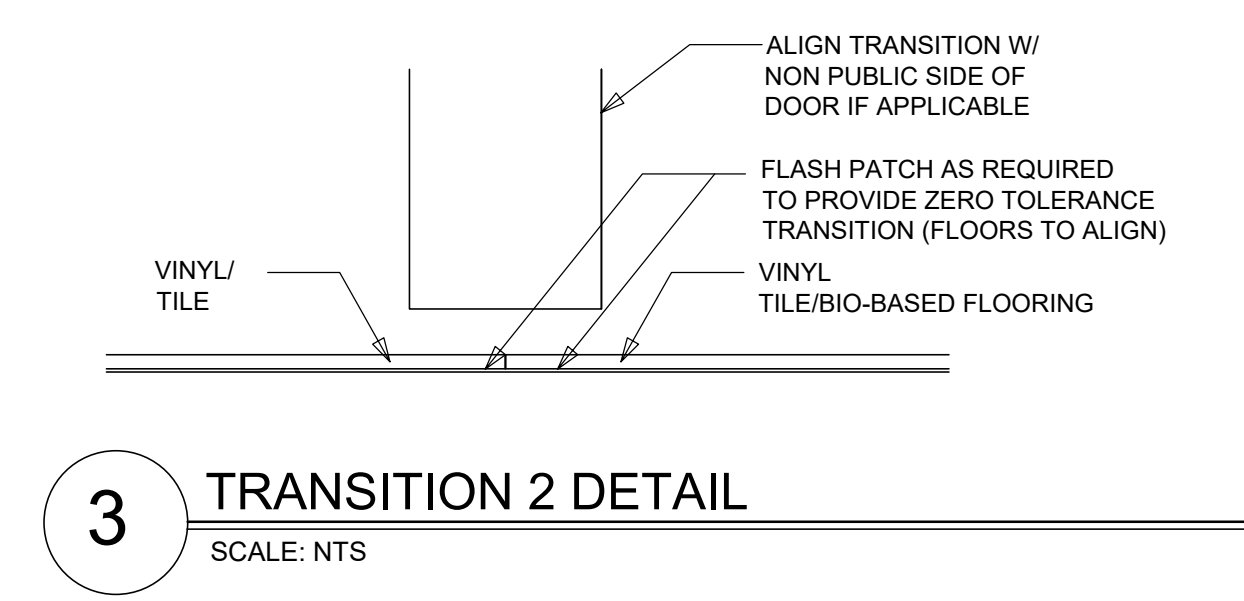
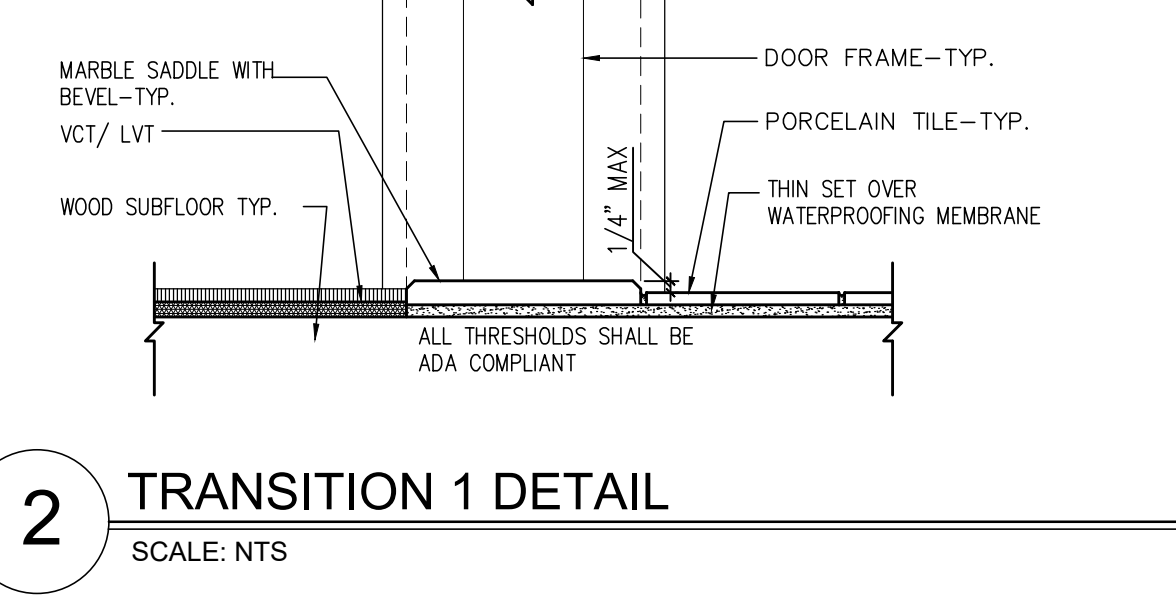
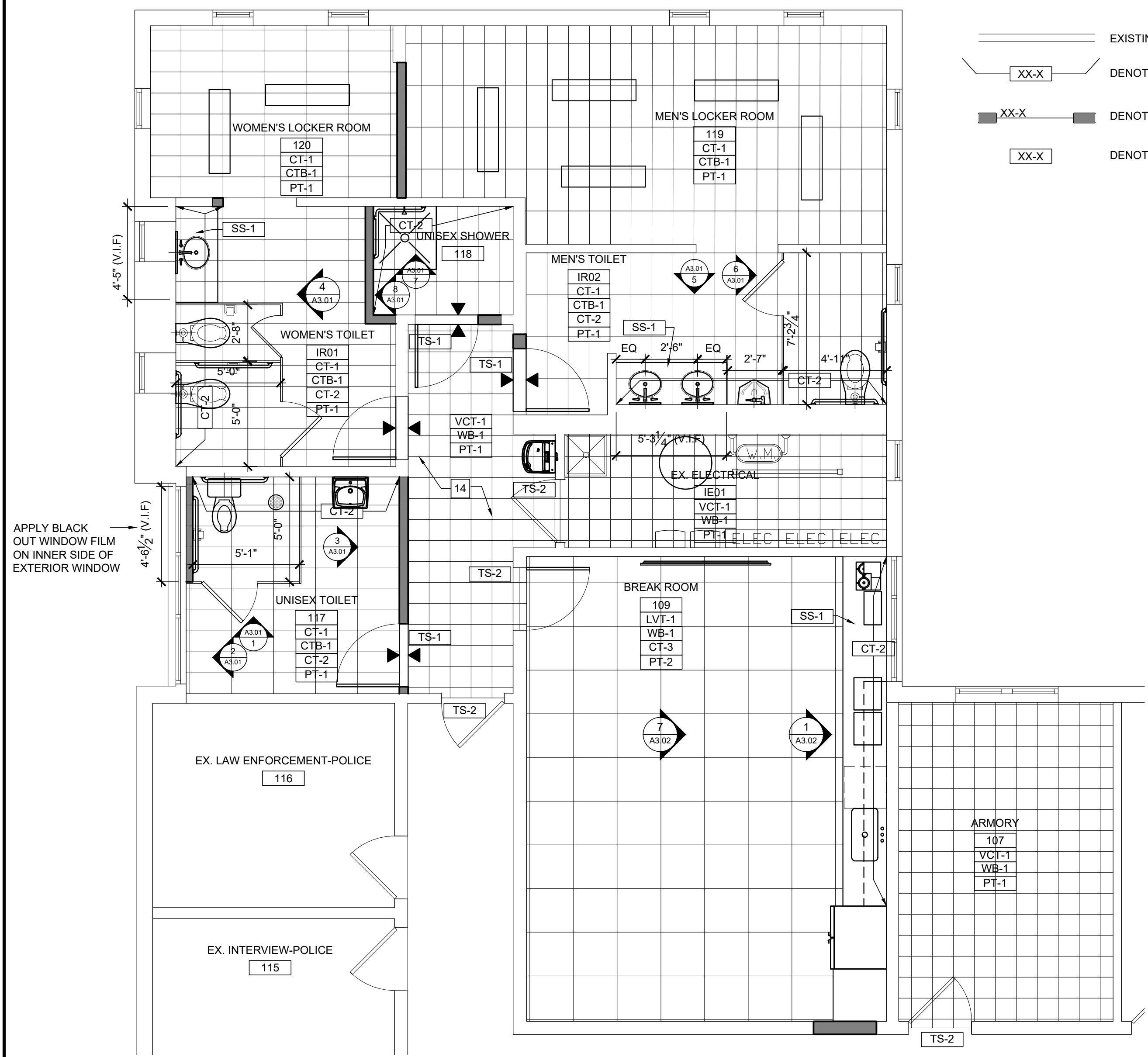
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UNIVERSITY POLICE STATION  
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DRAWING TITLE: FINISH PLAN

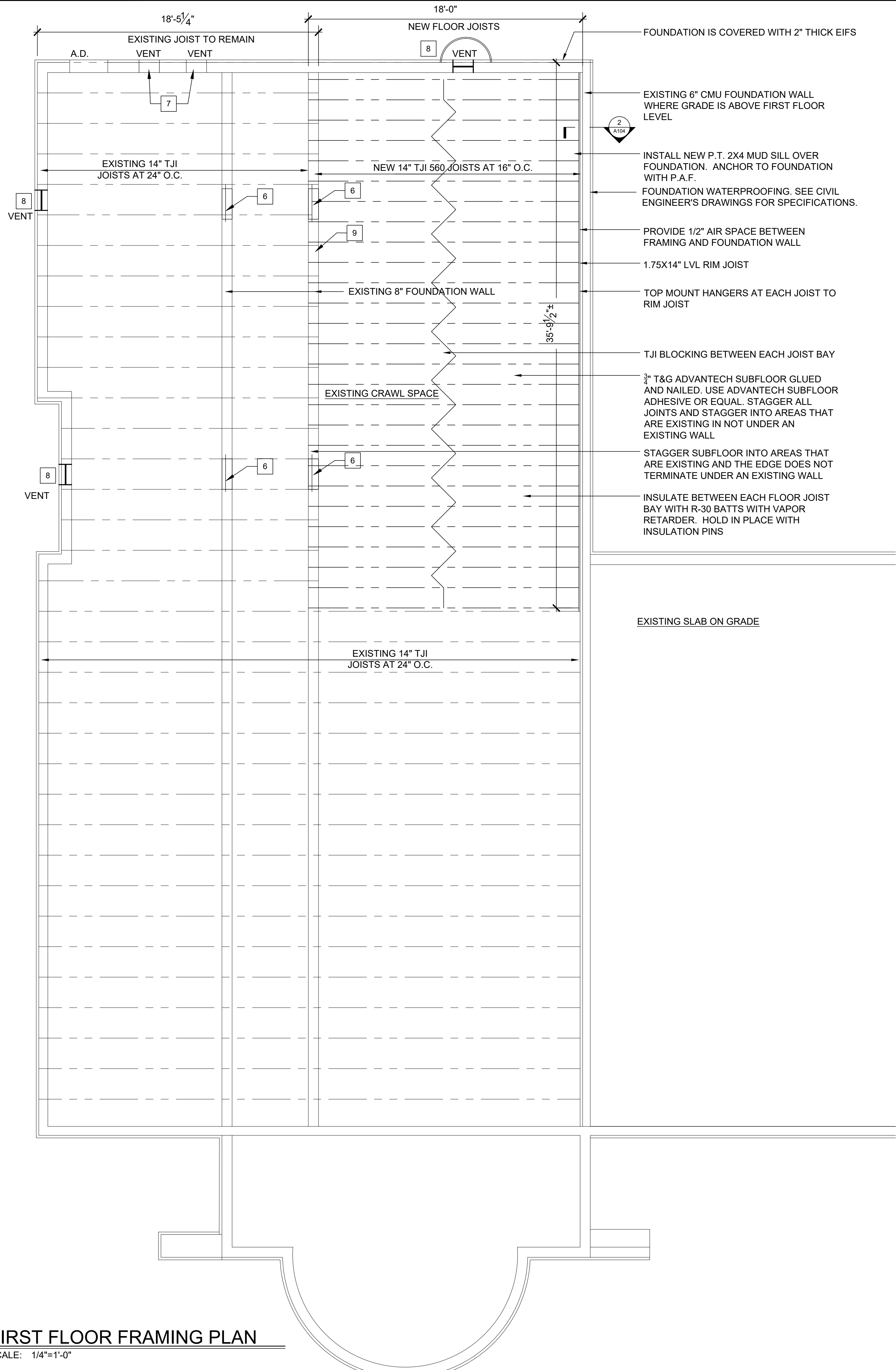
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CHECKED BY: CR	SCALE: AS NOTED
FILE NAME:	JRS NUMBER: 23014.00
SHEET NUMBER: <b>A1.03</b>	



PRODUCT SPECIFICATION:  
SEE SPEC. BOOK FOR FURTHER INFO. ALL SPECIFIED PRODUCTS USED AS BASIS OF DESIGN. LISTED PRODUCTS OF EQUAL OR GREATER QUALITY MAY BE USED BUT MUST BE APPROVED.

**1 FINISH PLAN**  
SCALE: 1/4" = 1'-0"

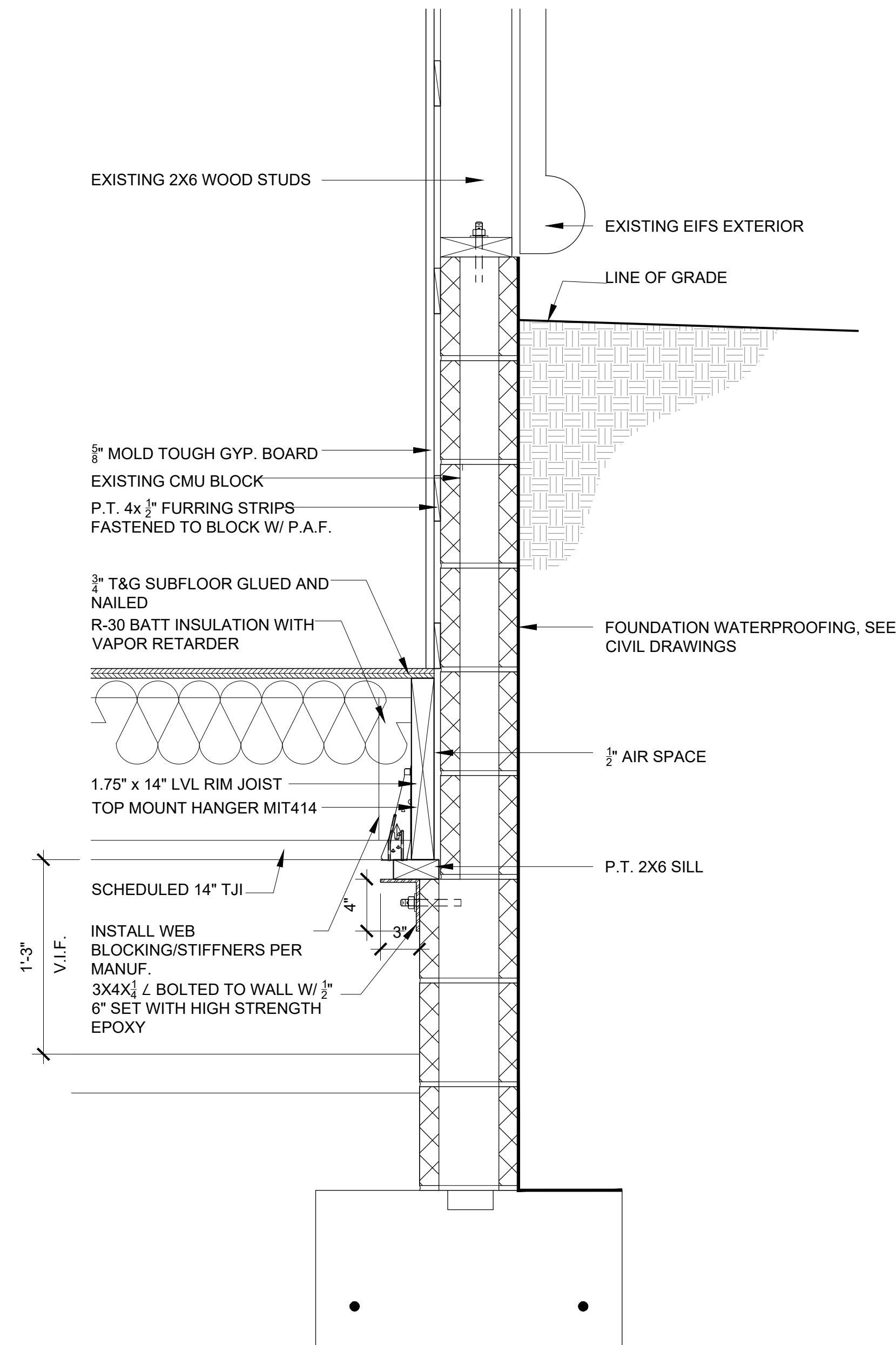
- FINISH NOTES:** # REFERS TO KEYNOTE
- REFER TO T1.01 AND A1.03 FOR ADDITIONAL INFORMATION AND LEGENDS.
  - EXISTING FRAMES TO REMAIN SHALL BE SANDED SMOOTH FILLED WITH APPROPRIATE FILLER WHERE REQUIRED, RE-SANDED SMOOTH AND PRIMED FOR PAINTING.
  - SEE PLUMBING SCHEDULE FOR NEW FIXTURE DESIGNATION. CONTRACTOR TO CONFIRM EXISTING PLUMBING ROUGHING IS COMPATIBLE WITH NEW FIXTURES.
  - PATCH AND PREPARE WALLS TO RECEIVE NEW FINISHES.
  - FLASH PATCH EXISTING FLOOR SLAB AS REQUIRED TO PREPARE FLOOR TO A SMOOTH AND LEVEL SURFACE TO RECEIVE NEW FLOORING.
  - DOORS FRAMES TO BE PAINTED PT-2 UNLESS OTHERWISE NOTED.
  - CONTRACTOR TO REPAIR ALL AREAS OF WALL WHERE NEW SUPPLIES, WASTE AND VALVES ARE REQUIRED.
  - NEW MARBLE SADDLES TO COMPLY WITH ADA REGULATIONS.
  - COORDINATE WITH MANUFACTURE FOR REQ. END PANEL AND SHOE.
  - ALL WALLS AND SOFFITS TO RECEIVE NEW PAINTED FINISH AS SCHEDULED.
  - WHEN FLOOR DRAINS ARE PRESENT, FLOOR TILE MUST PITCH TOWARDS DRAIN.
  - ALL TILE SHALL BE CENTER ON FLOOR OR WALL BEING INSTALLED.
  - ALL TILE PATTERNS SHALL BE CONFIRMED WITH ARCHITECT BEFORE ORDERING AND INSTALLATION.
  - THESE WALLS WILL NOT RECEIVE TILE AND SHALL BE CLEANED TO A SMOOTH SURFACE AND PRIMED AND PAINTED. INSTALL TILE COVE BASE ONLY.
  - AT ALL FINISH EDGES SHALL TERMINATE WITH A BULLNOSE TILE, I.E. OUTSIDE CORNERS AND TOP EDGES.
  - ALL GROUT COLORS TO BE COORDINATED WITH ARCHITECT.
  - PROVIDE 1 GAL. ATTIC STOCK FOR PT-1 AND PT-2.
  - SUBMIT SAMPLES OF WINDOW FILM FOR APPROVAL. FILM SHALL PROVIDE COMPLETE INTERIOR PRIVACY SIMILAR TO SOLYX ULTRA COOL OR APPROVED EQUAL.
  - WATERPROOF ALL WOOD SUBFLOORS IN WET AREAS. IN SHOWER WATERPROOF ALL WALLS. WATERPROOFING MUST BE COMPATIBLE WITH MASTIC USED FOR SCHEDULED FINISHES. WATERPROOFING SHALL BE LATICRETE 9235 OR APPROVED EQUAL.
  - INSTALL A UNCOUPLING MEMBRANE UNDER ALL CERAMIC TILE LATICRETE STRATA\_MAT OR APPROVED EQUAL. INSTALL PER MANUF. INSTRUCTIONS OVER TOP OF WATERPROOFING MEMBRANE.
  - INSTALL SUBFLOOR AS FOLLOWS FOR PROPER FINISHES: 3/4" THICK PLYWOOD OR OSB. TONGUE AND GROOVE, OVER BRIDGED JOISTS SPACED 24" O.C. MAXIMUM; FASTEN PLYWOOD EVERY 6" O.C. ALONG SHEET ENDS AND 8" O.C. ALONG INTERMEDIATE SUPPORTS WITH 8D RING-SHANK, COATED OR HOT DIP GALVANIZED NAILS - ALLOW 1/8" BETWEEN SHEET ENDS AND 1/4" BETWEEN SHEETS EDGES; ALL SHEET ENDS MUST BE SUPPORTED BY A FRAMING MEMBER; GLUE SHEETS TO JOISTS WITH CONSTRUCTION ADHESIVE.



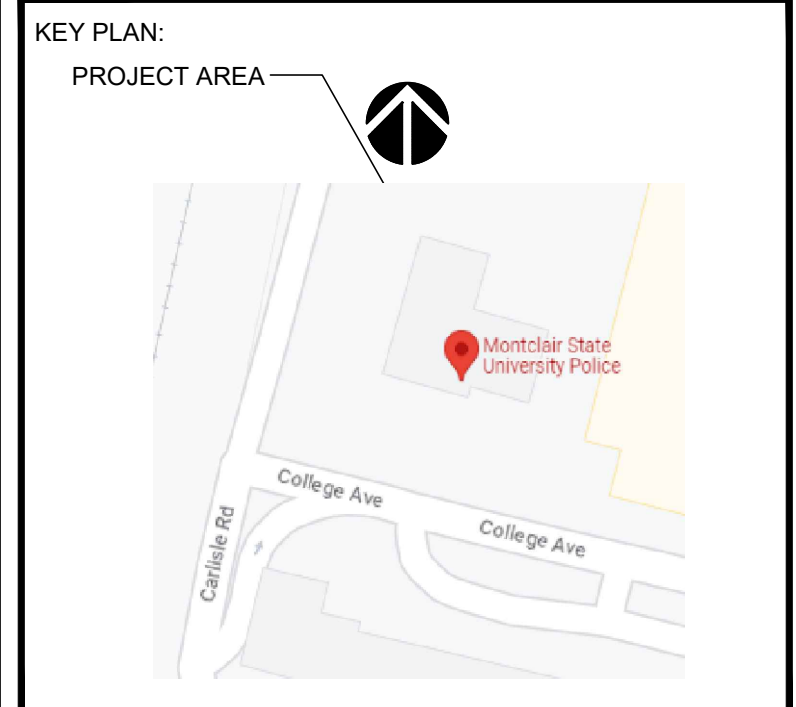
**FRAMING NOTES:**

# REFERS TO KEYNOTE

1. ALL FRAMING LUMBER THAT COMES IN CONTACT WITH CONCRETE SHALL BE P.T.
2. ALL STRUCTURAL LUMBER THAT COMES IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED STRESS GRADED DOUGLAS FIR-LARCH NO.2.
3. ALL STRUCTURAL LUMBER, PLYWOOD, SHEATHING, ENGINEERED LUMBER, ETC. SHALL BEAR VISIBLE GRADE STAMPING.
4. ALL STRUCTURAL MEMBERS SHALL HAVE A CONTINUOUS LOAD PATH TO EITHER BEARING WALLS OR COLUMNS DOWN TO THE FOUNDATION.
5. PROVIDE ALTERNATE PRICING FOR REPLACEMENT OF MUD SILL AT INTERIOR FOUNDATION WALLS IF FOUND TO BE DAMAGED. INCLUDE A UNIT COST PER LINEAR FOOT.
6. SAW CUT EXISTING BLOCK AND PROVIDE ACCESS INTO EXISTING CRAWL SPACE WITH NO ACCESS. MIN. 24" WIDE. PROVIDE 1.75X14" HEADER OVER OPENINGS
7. EXISTING CRAWL SPACE VENT.
8. SAW CUT IN NEW CRAWL SPACE VENT GAF FVRA BL 16"X8" AND REPAIR AND FINISH ANY EIFS.
9. INSTALL TJI BLOCKING BETWEEN EACH JOIST BAY
10. INSTALL HEAVY DUTY GALVANIZED STEEL VENT WELL FOR FOUNDATION VENT WITH GRATE. VESTAL 20"X 7" OR APPROVED EQUAL EXCAVATE A MIN. OF 24" DOWN AND FILL WITH GEOTEXT FIBER AND CLEAN CRUSHED STONE. SECURE TO BLOCK WITH TAPCON SCREWS.



**2 WALL SECTION**  
SCALE: 1 1/2"=1'-0"



SECTION: BLOCK: LOT:

CONSULTANTS:

COMMENTS:

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REV.	DATE	DESCRIPTION

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DRAWING TITLE: FRAMING PLANS

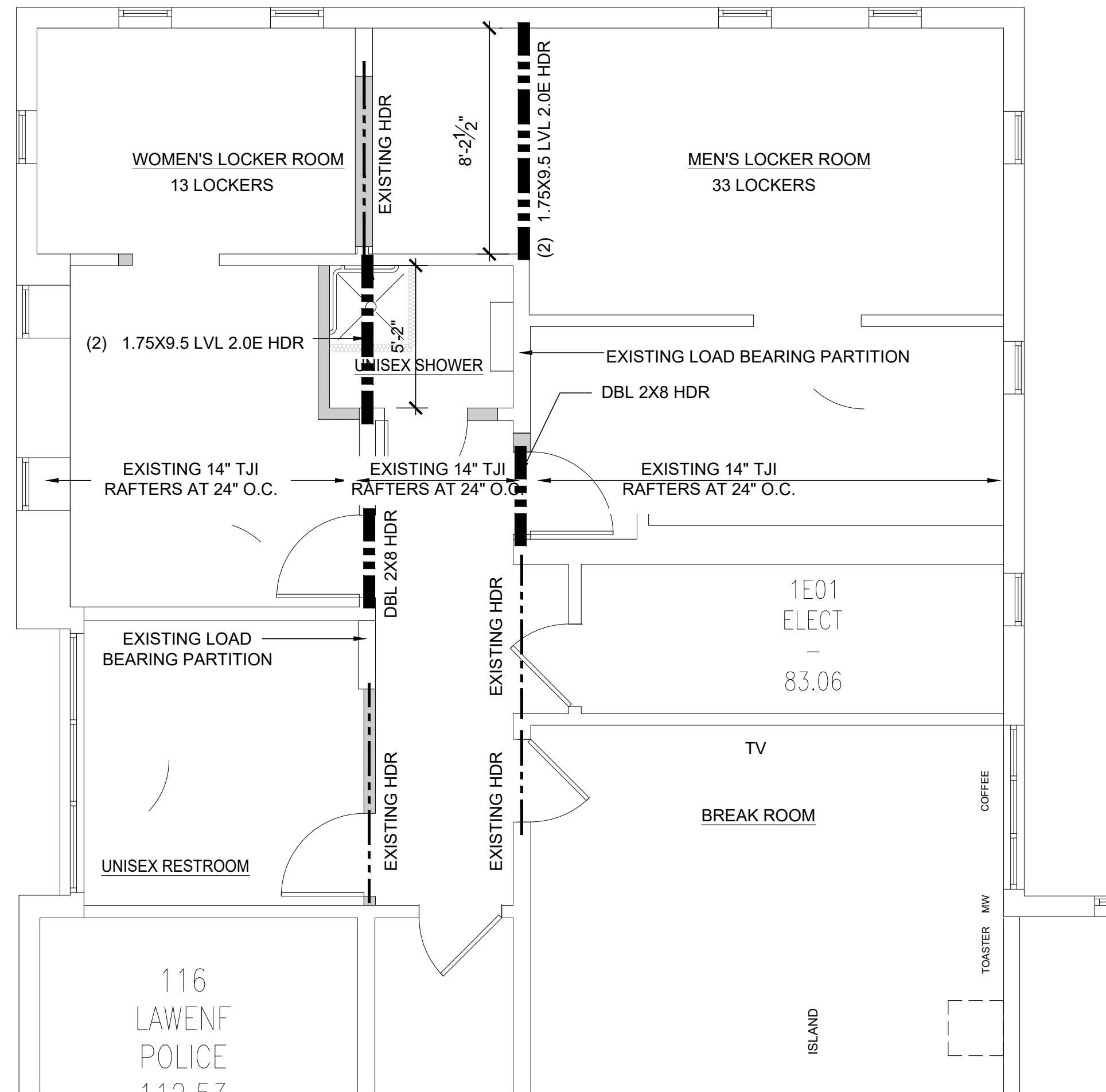
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FILE NAME:

JRS NUMBER: 23014.00

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**A1.04**

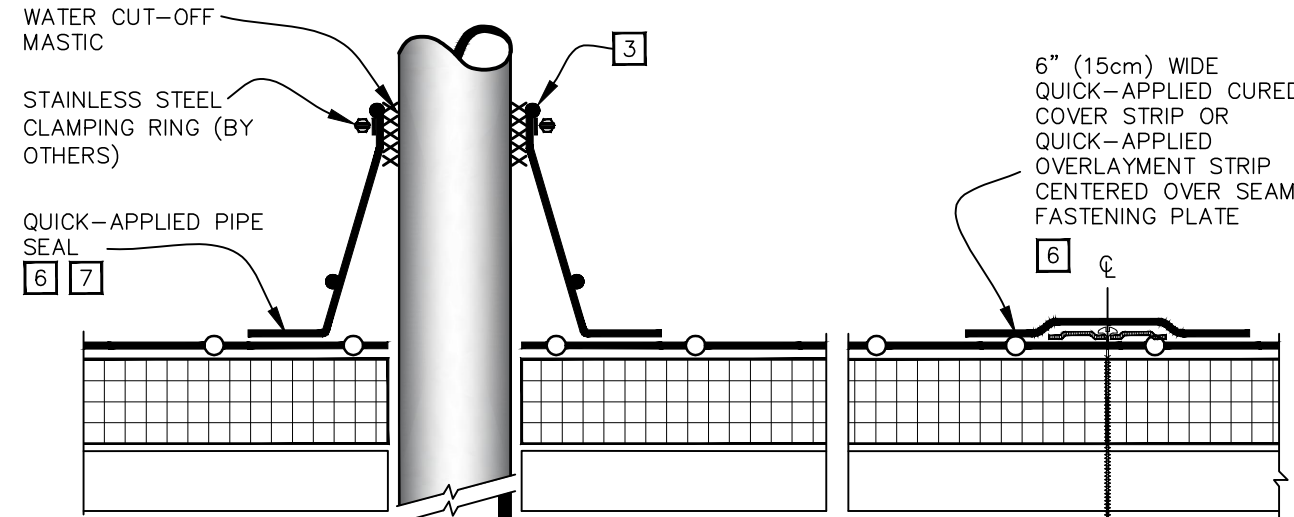
**1 FIRST FLOOR FRAMING PLAN**  
SCALE: 1/4"=1'-0"



**1** ROOF FRAMING PLAN  
SCALE: 1/4"=1'-0"

**FRAMING NOTES:** # REFERS TO KEYNOTE

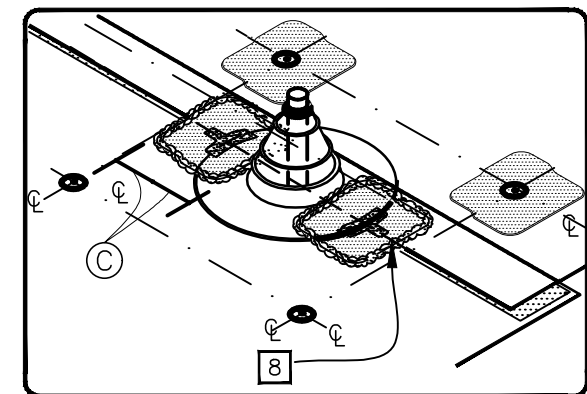
- ALL FRAMING LUMBER THAT COMES IN CONTACT WITH CONCRETE SHALL BE P.T.
- ALL STRUCTURAL LUMBER SHALL BE STRESS GRADED DOUGLAS FIR-LARCH NO.2.
- ALL STRUCTURAL LUMBER, PLYWOOD, SHEATHING, ENGINEERED LUMBER, ETC. SHALL BEAR VISIBLE GRADE STAMPING.
- ALL STRUCTURAL MEMBERS SHALL HAVE A CONTINUOUS LOAD PATH TO EITHER BEARING WALLS OR COLUMNS DOWN TO THE FOUNDATION.
- HEADERS SHALL HAVE (2) 2X4 JACK STUDS AND (1) 2X4 KING STUD BELOW ALL NEW HEADER POST BLOCK SOLID DOWN TO THE FOUNDATION.



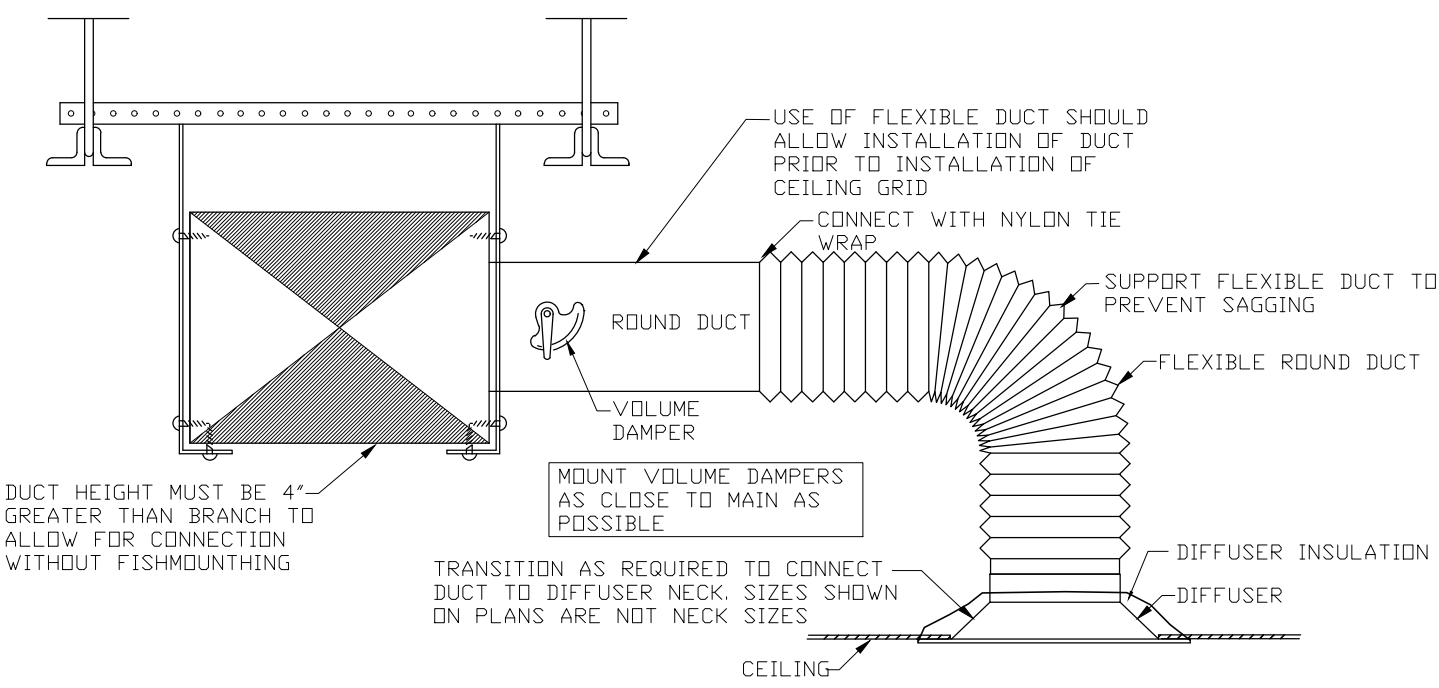
DIMENSIONS	cm
(A) 1/2"	1.5 TO
6"	5
(B) 6"	18 TO
12"	30
(C) 3"	7.5

NOTES:

- REMOVE ALL OTHER FLASHING BEFORE INSTALLING PIPE SEAL.
- TEMPERATURE OF PIPE MUST NOT EXCEED 180°F (82°C).
- PRE-MOLDED PIPE SEAL MUST HAVE INTACT RIB AT THE TOP EDGE REGARDLESS OF PIPE DIAMETER.
- INSTALL A MINIMUM OF 4 SEAM FASTENING PLATES FOR PIPES WITH A DIAMETER UP TO 6" (15cm). ADDITIONAL SEAM FASTENING PLATES WILL BE REQUIRED FOR PIPES GREATER THAN 6" (15cm) IN DIAMETER AND SHALL BE SPACED 12" (30cm) ON CENTER MAXIMUM.
- HPV FASTENERS AND POLYMER SEAM PLATES ARE REQUIRED OVER STEEL DECKS.
- EPDM PRIMER MUST BE APPLIED TO MEMBRANE SURFACE PRIOR TO APPLYING QUICK-APPLIED CURED COVER STRIP (OVER FASTENING PLATES) AND QUICK-APPLIED PIPE SEAL.
- DECK FLANGES OF THE QUICK-APPLIED PIPE SEAL SHALL NOT BE OVERLAPPED, CUT OR APPLIED OVER ANY ANGLE CHANGE.
- WHEN A FIELD SPlice INTERSECTS A PIPE SEAL, APPLY LAP SEALANT ALONG THE EDGE OF THE MEMBRANE SPlice COVERING THE EXPOSED SPlice TAPE 1/2" (1.5cm) IN EACH DIRECTION FROM THE SPlice INTERSECTION & OVERLAY WITH A 6"x6" (15x15cm) T-JOINT COVER.



**2** TYP. ROOF PIPE PENETRATION  
SCALE: NTS



**2** TYP. DUCTWORK DIFFUSER DETAIL  
SCALE: NTS

KEY PLAN:  
PROJECT AREA

SECTION: BLOCK: LOT:

CONSULTANTS:

COMMENTS:

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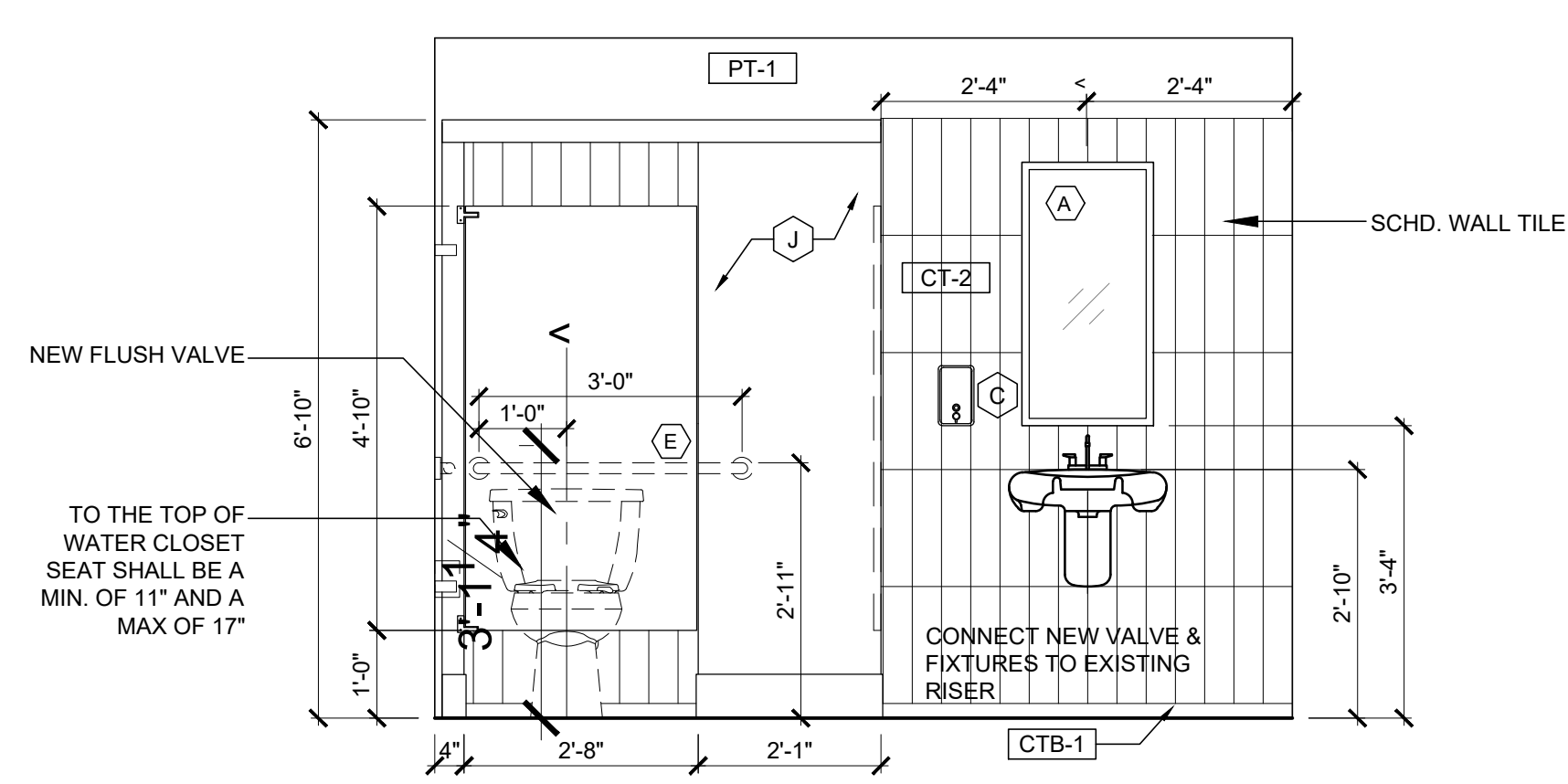
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DRAWING TITLE:  
ROOF FRAMING PLAN AND DETAILS

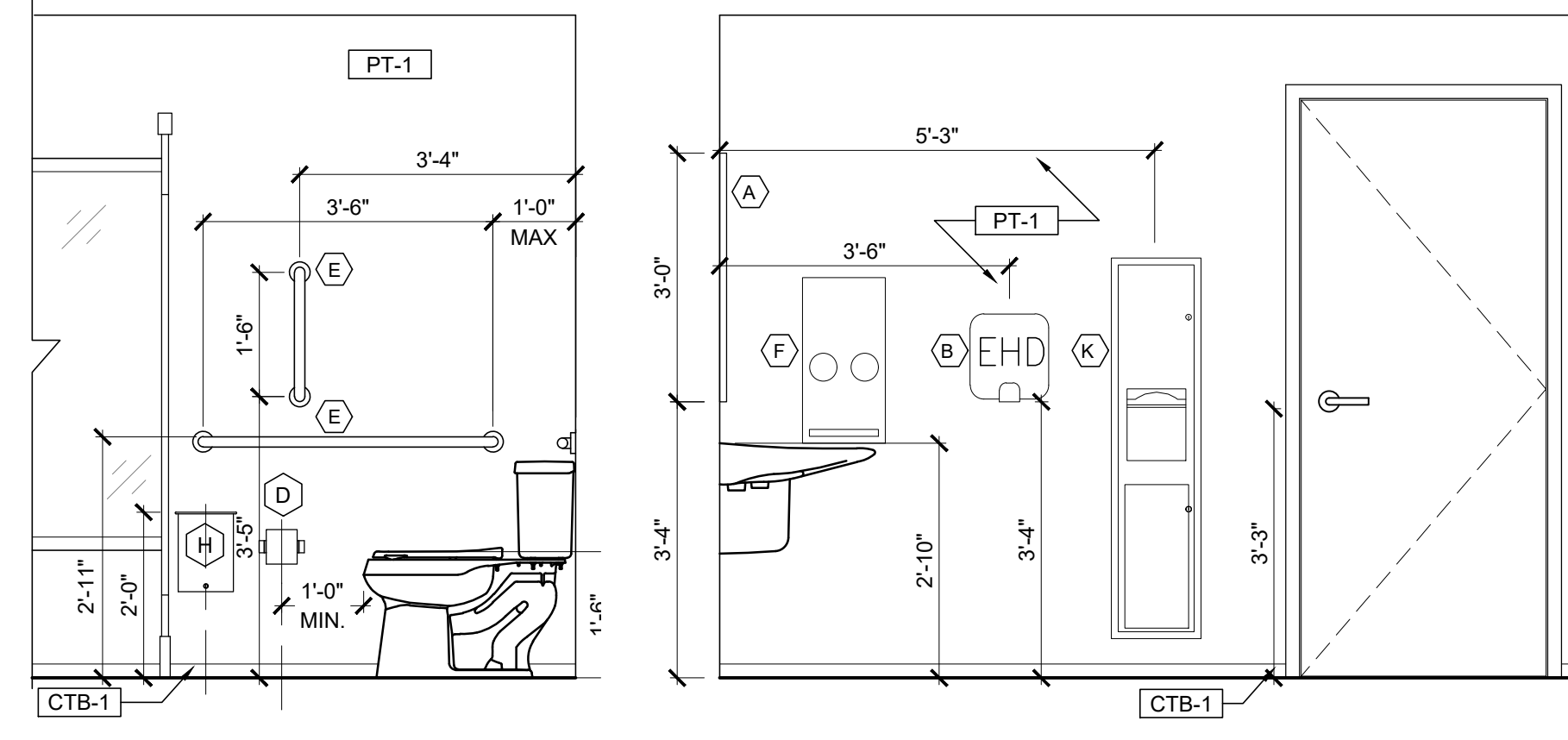
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FILE NAME:
JRS NUMBER: 23014.00
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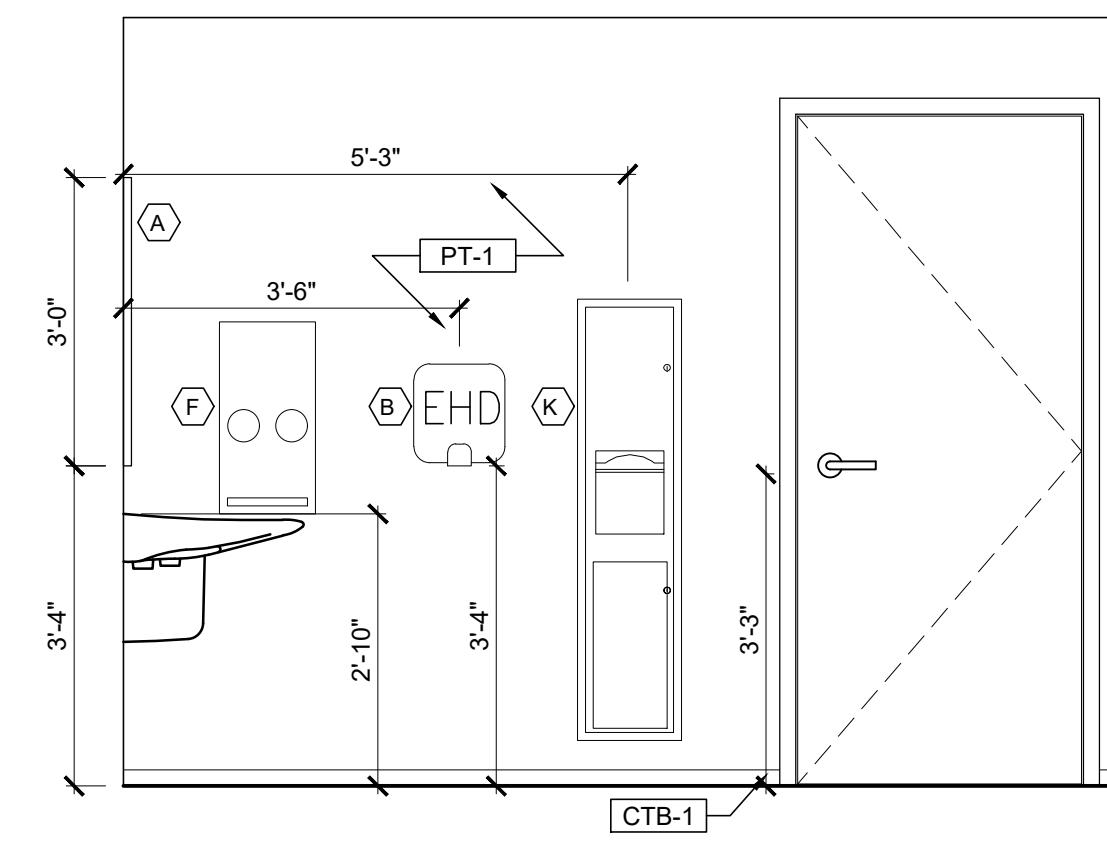
**1** ELEVATION AT UNISEX TOILET-ADA STALL

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



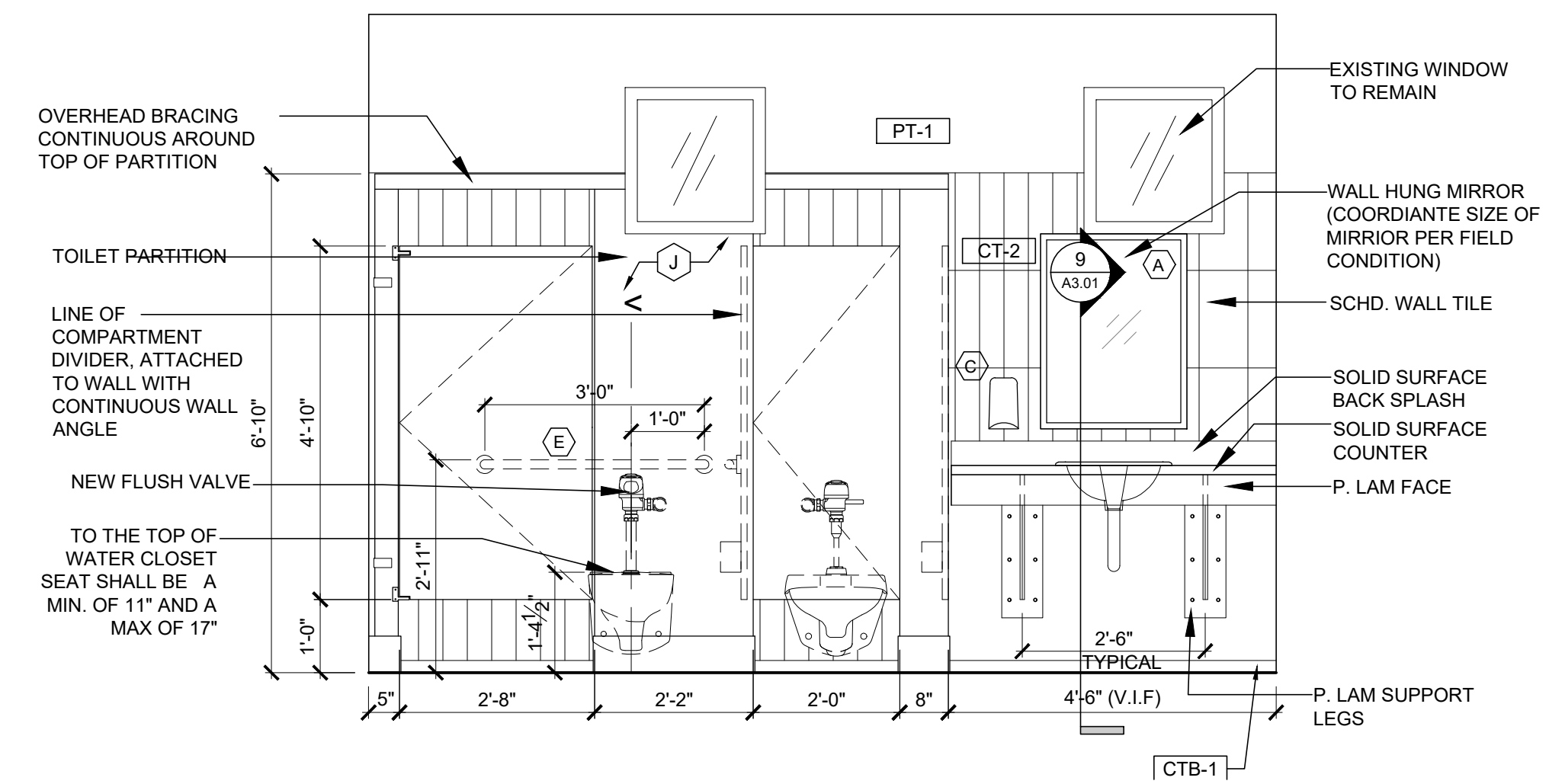
**2** ELEVATION AT UNISEX TOILET-ADA STALL

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



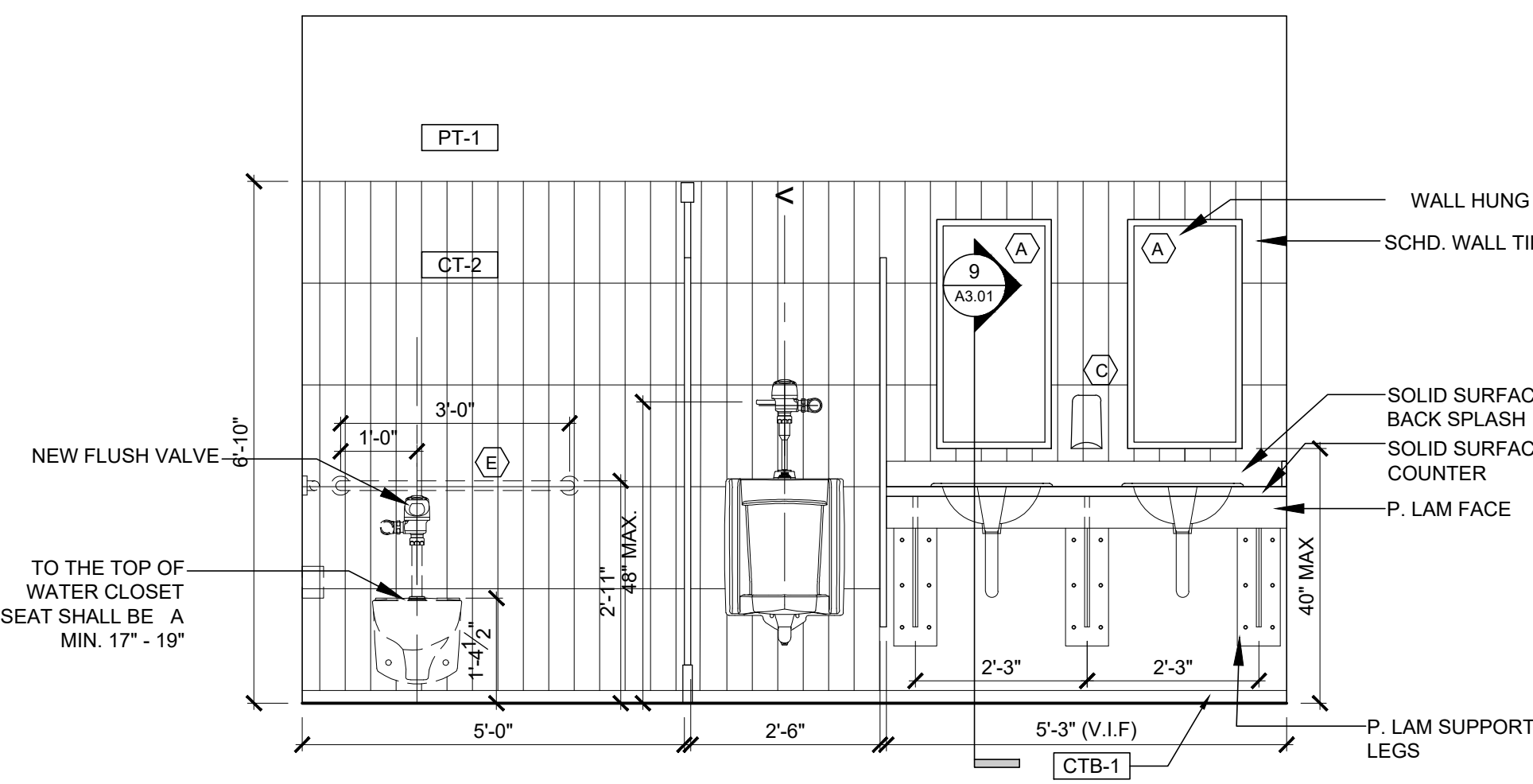
**3** ELEVATION AT UNISEX TOILET

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



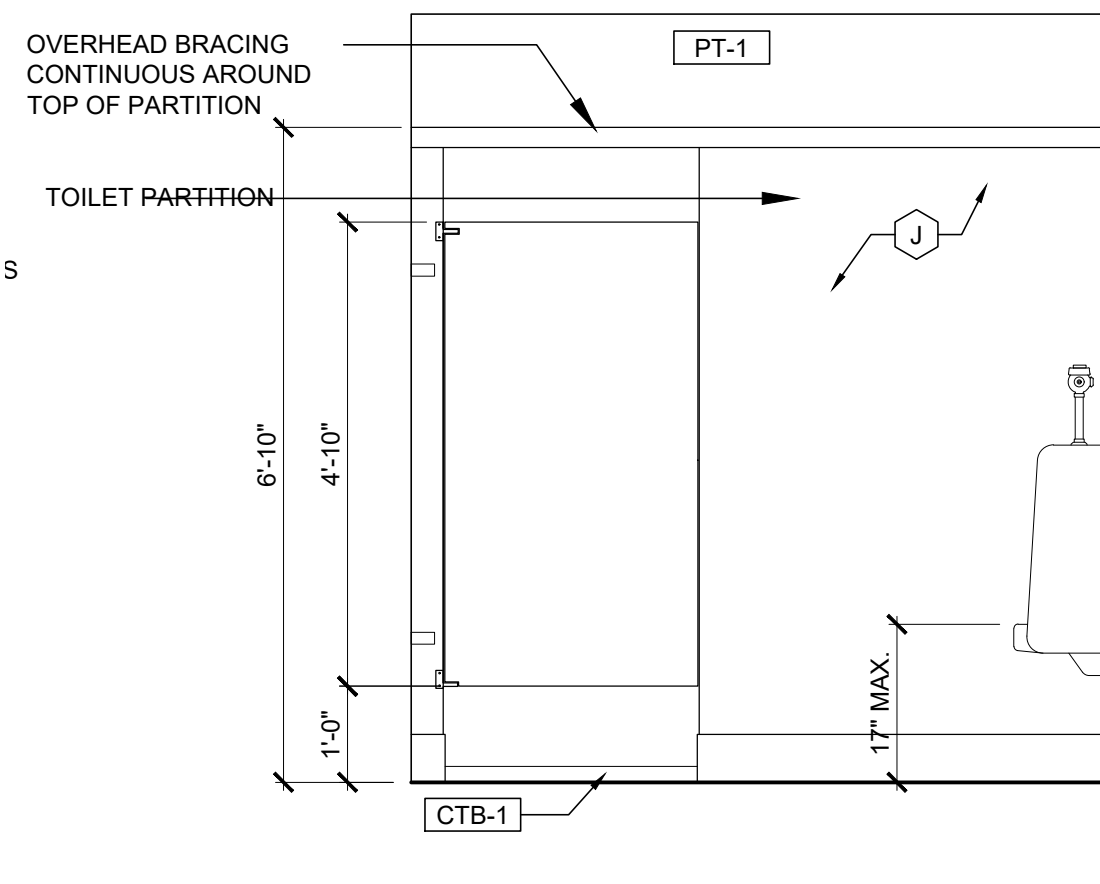
**4** ELEVATION AT SINKS AND TOILET-WOMEN'S ROOM

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



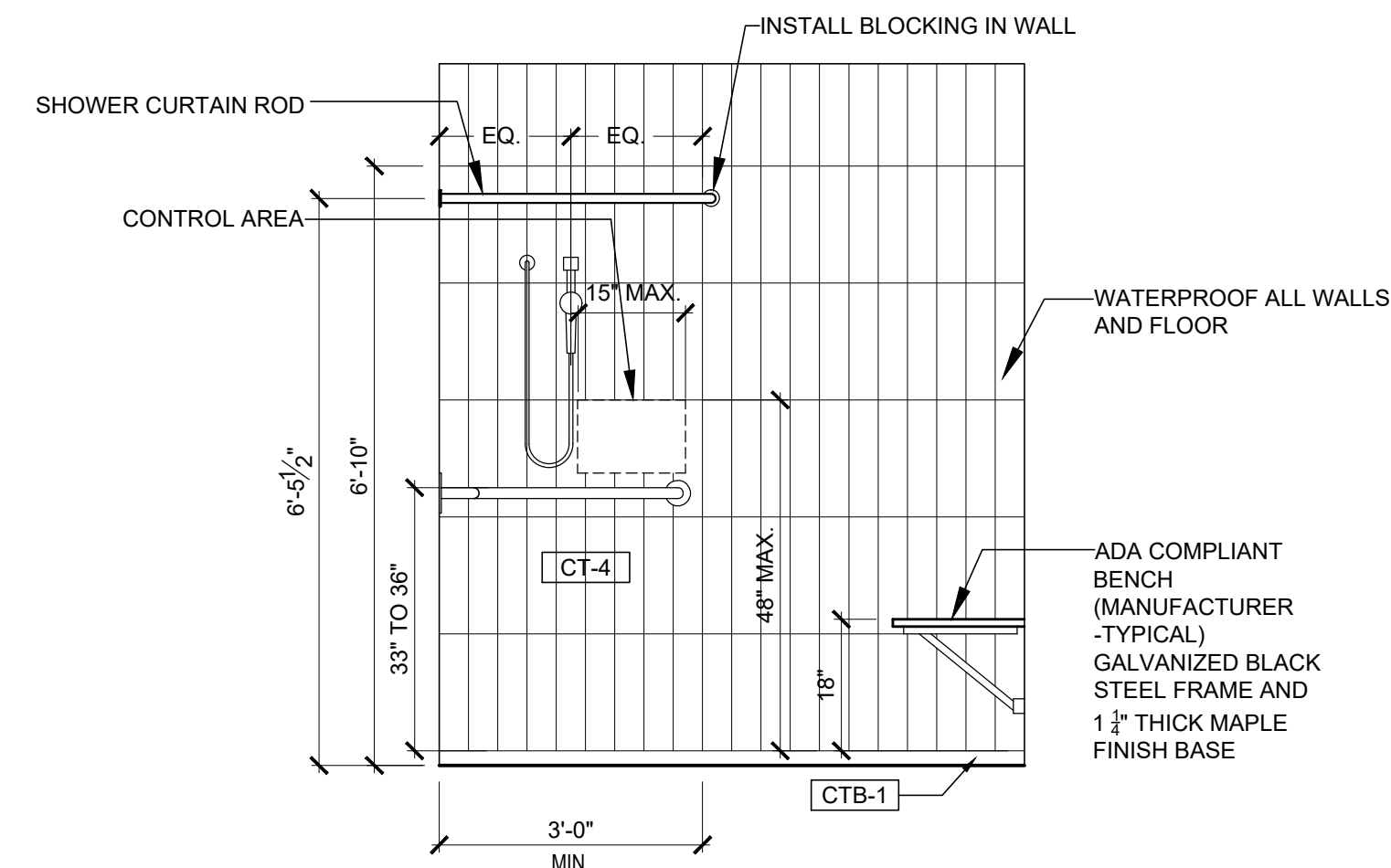
**5** ELEVATION AT SINKS AND TOILETS-MEN'S ROOM

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



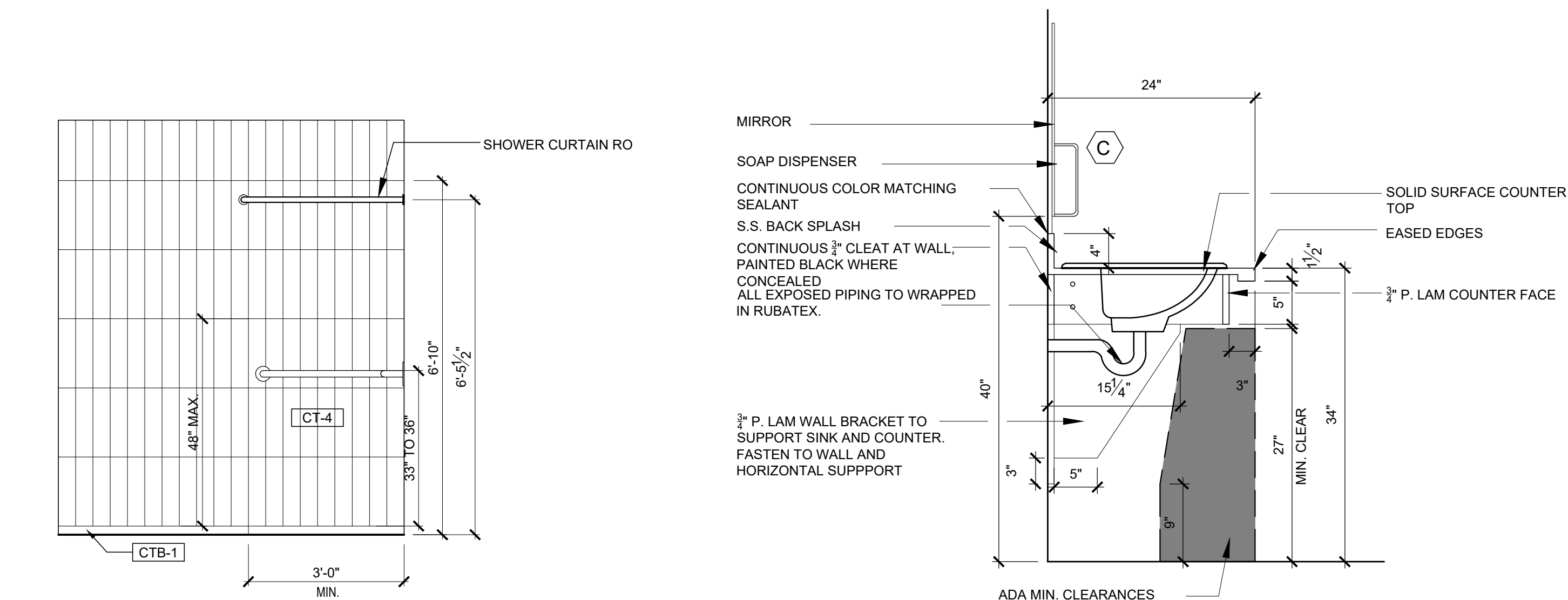
**6** ELEVATION-MEN'S ROOM

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



**7** ELEVATION AT UNISEX SHOWER ROOM

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

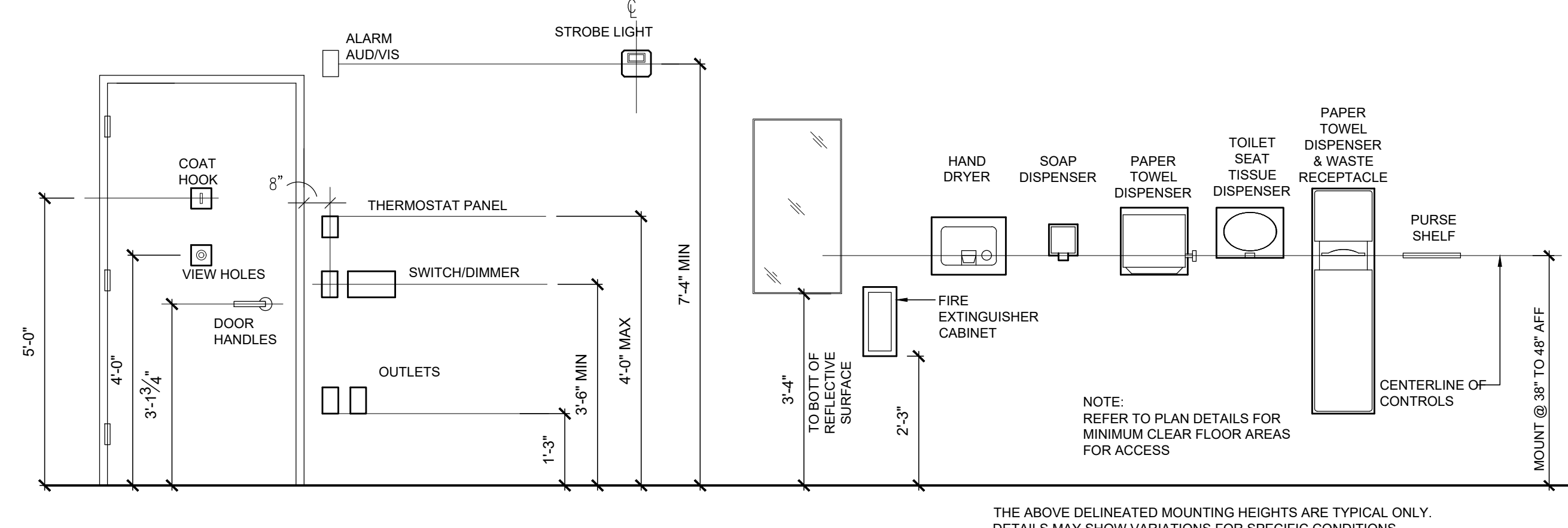


**8** ELEVATION AT UNISEX SHOWER ROOM

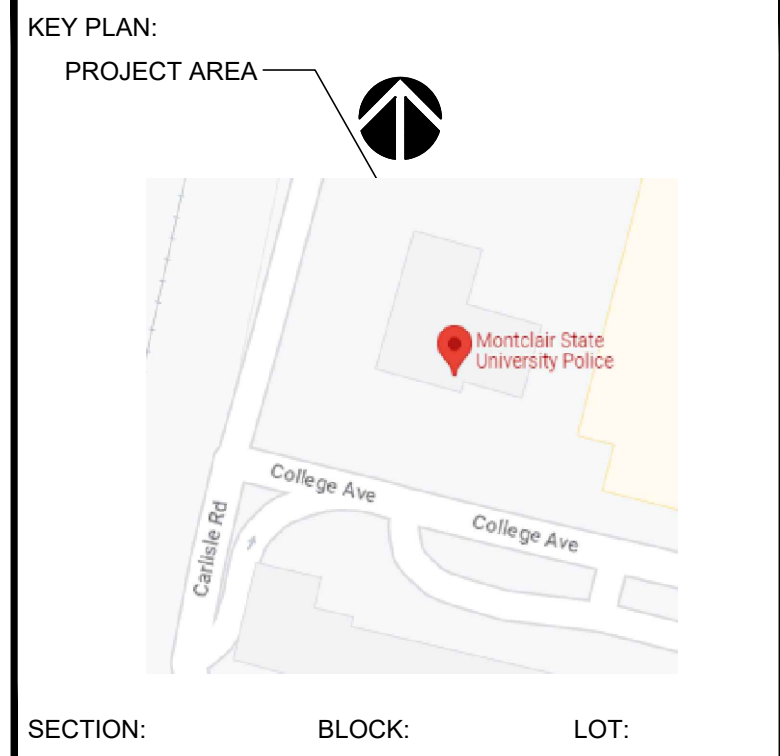
SCALE: 1/2" = 1'-0"

**9** SECTION AT SINKS

SCALE: 1" = 1'-0"



THE ABOVE DELINEATED MOUNTING HEIGHTS ARE TYPICAL ONLY. DETAILS MAY SHOW VARIATIONS FOR SPECIFIC CONDITIONS.



SECTION: BLOCK: LOT:

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DRAWING TITLE: TOILET ELEVATIONS AND DETAILS

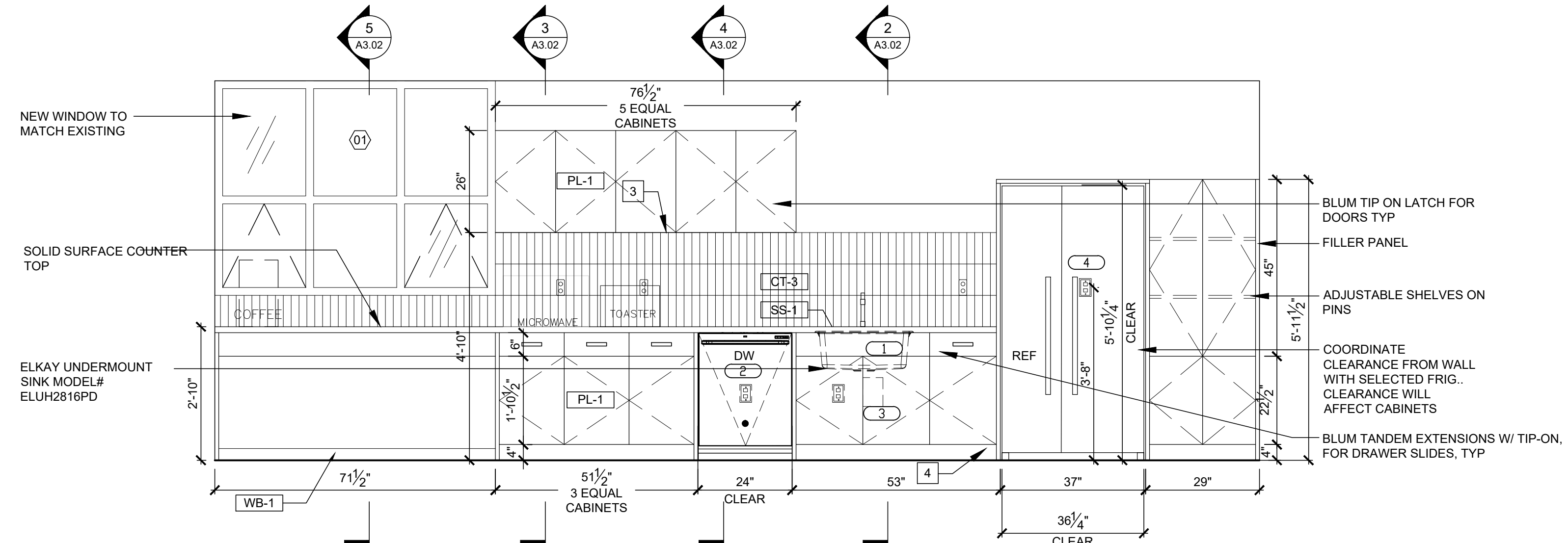
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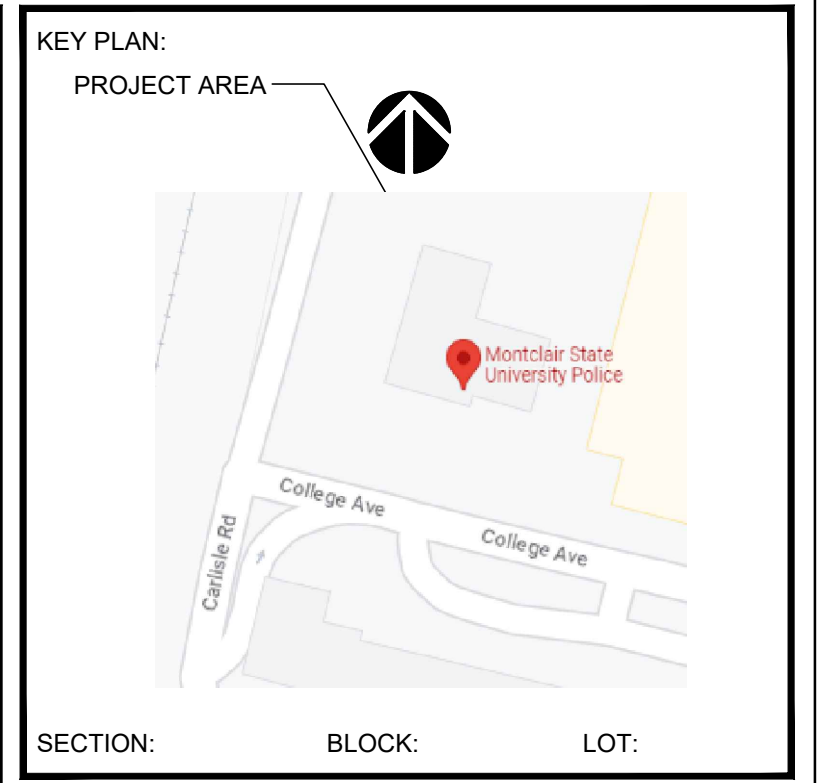
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**A3.01**

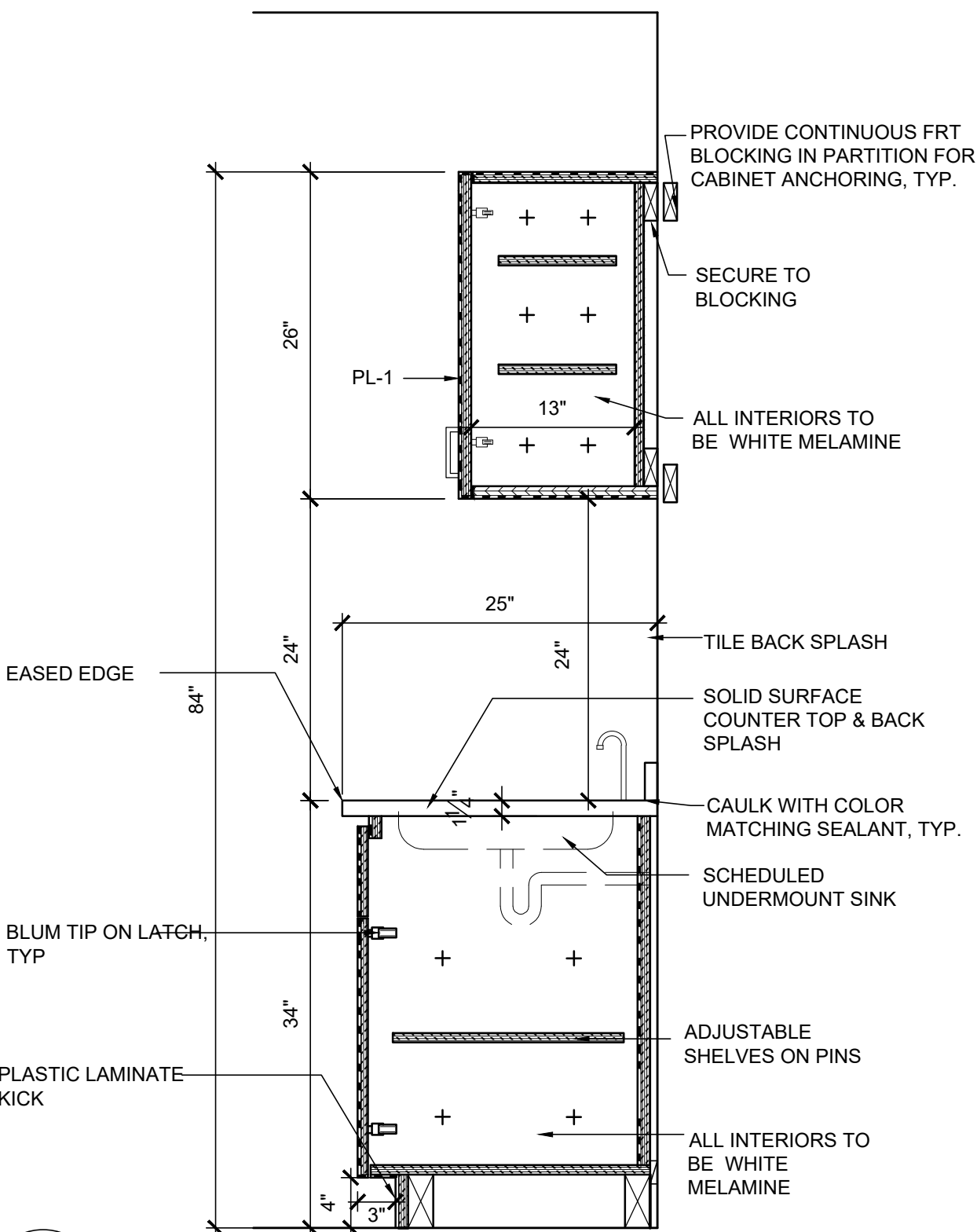


- COORDINATE CABINET WITH APPLIANCE MODEL SPECIFIED.
- COUNTER DEPTH REFRIGERATOR: FRIGIDAIRE FR SS2623AS.
- FINISH ALL EXPOSED SIDES OF CABINETS.
- SCRIBE LAMINATE KICK TO FLOOR.
- CABINETS WITH SWINGING DOORS TO HAVE ADJUSTABLE SHELVING.
- COUNTERS - CORIAN- WEATHERED AGGREGATE 2CM WITH EASED EDGES.

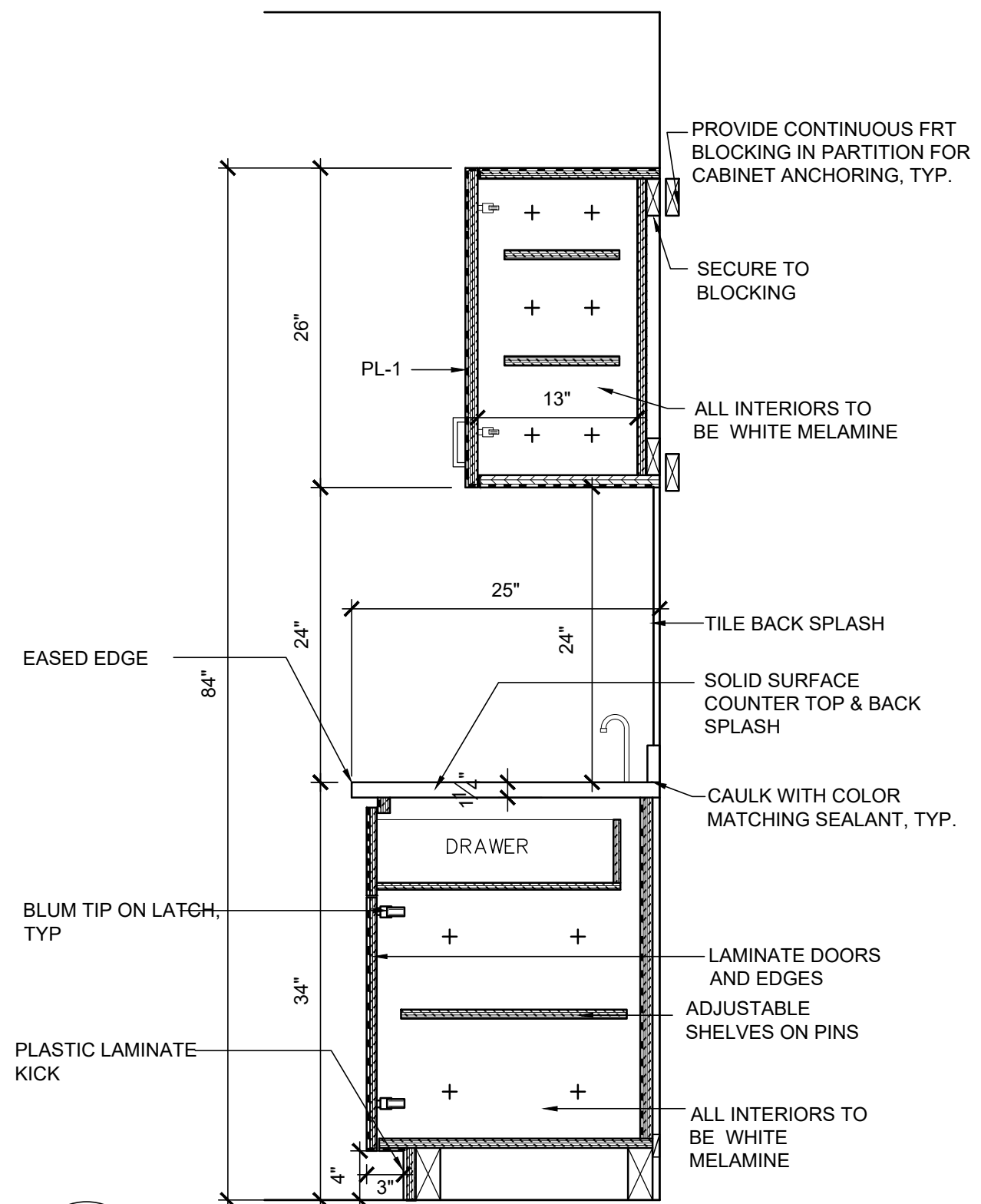
NOTE:  
VERIFY ALL MILLWORK  
DIMENSIONS IN FIELD PRIOR  
TO FABRICATION.



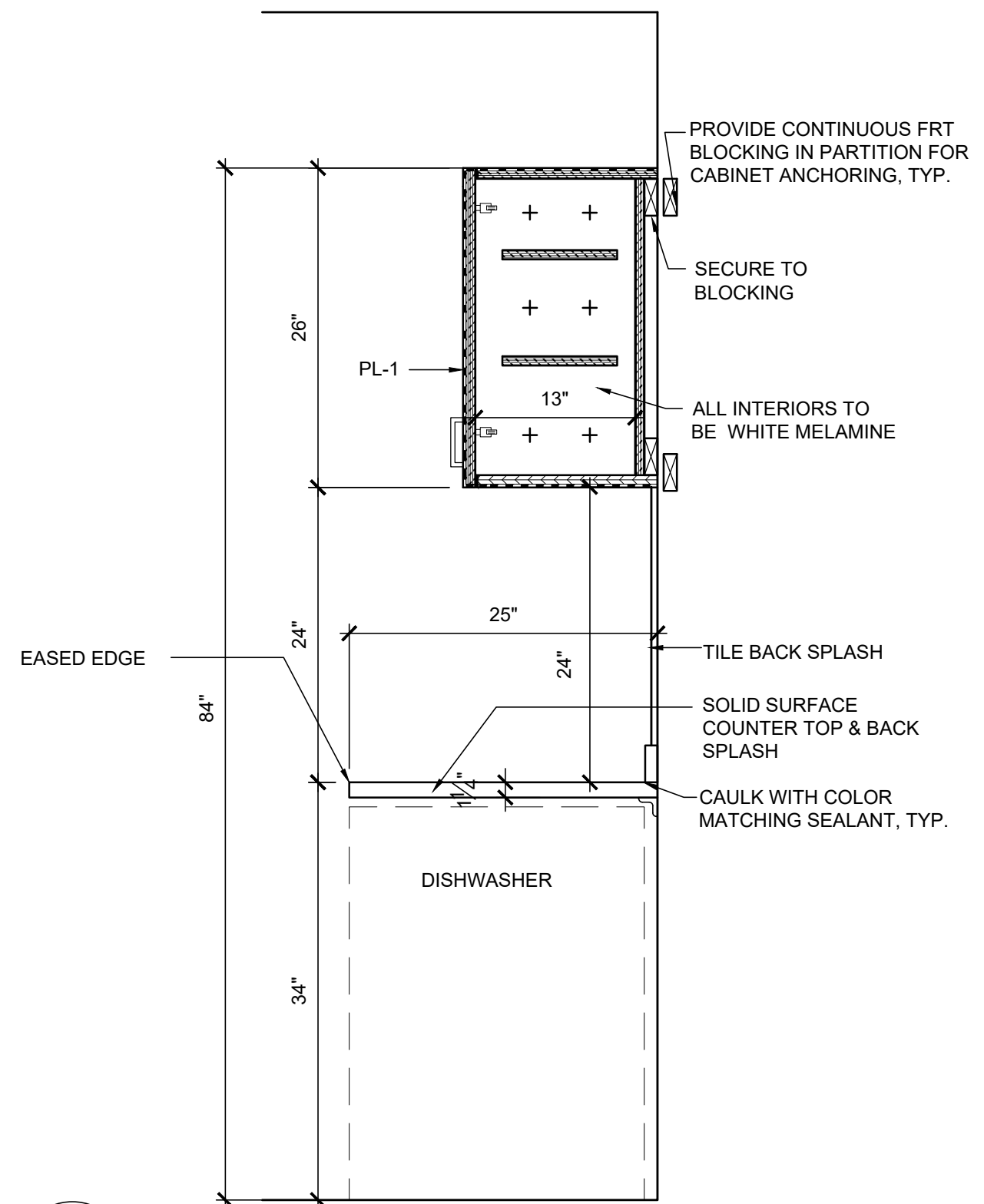
**1 ELEVATION AT BREAK ROOM**  
SCALE: 1/2" = 1'-0"



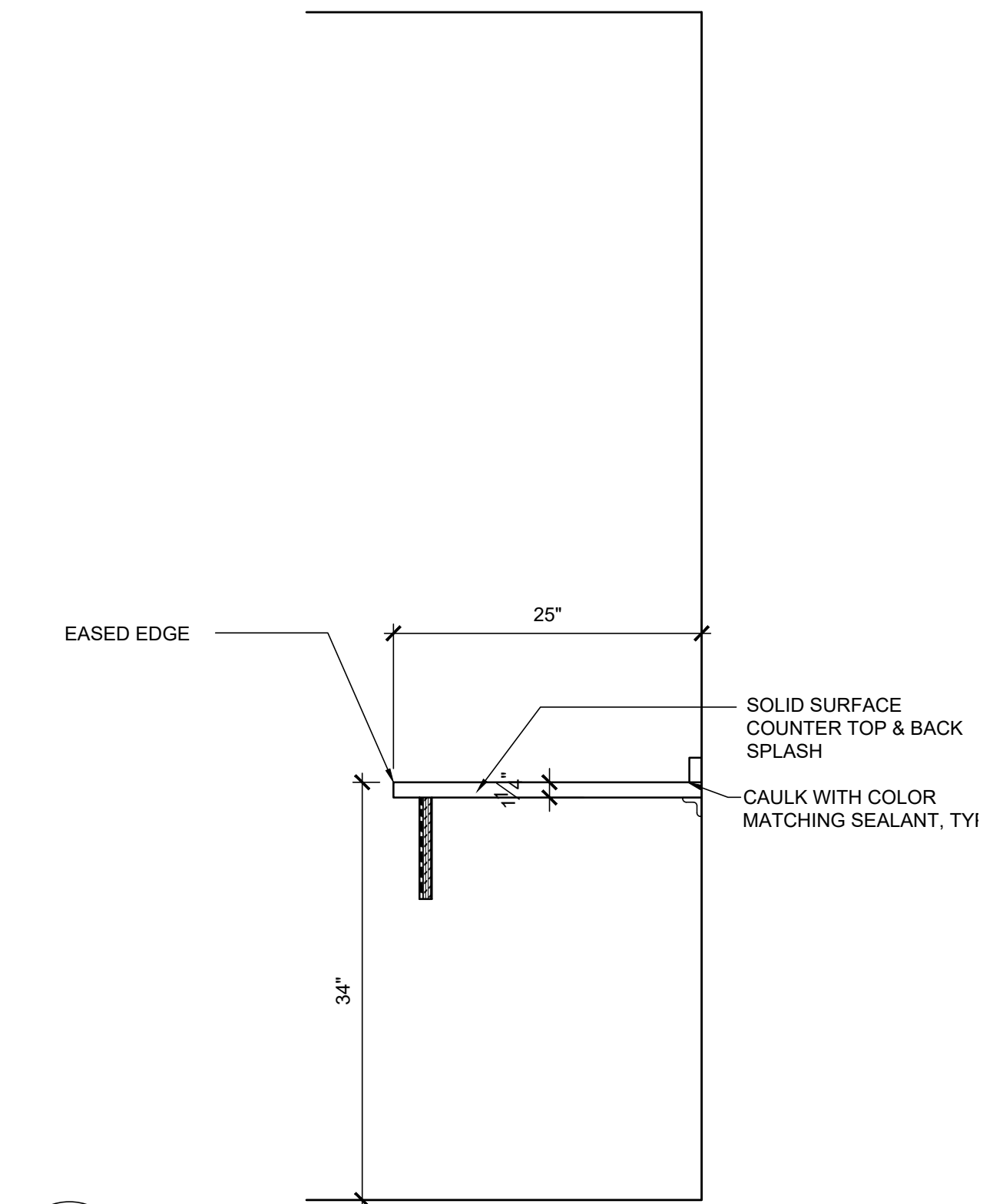
**2 SECTION**  
SCALE: 1" = 1'-0"



**3 SECTION**  
SCALE: 1" = 1'-0"



**4 SECTION**  
SCALE: 1" = 1'-0"



**5 SECTION**  
SCALE: 1" = 1'-0"

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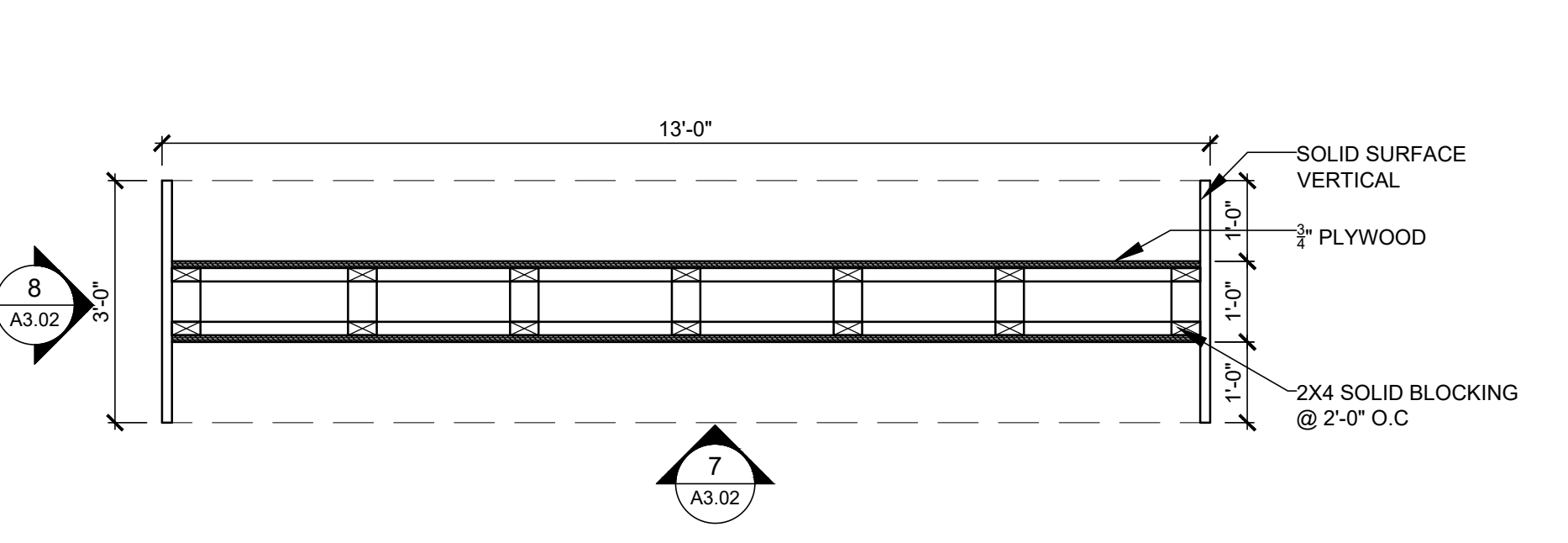
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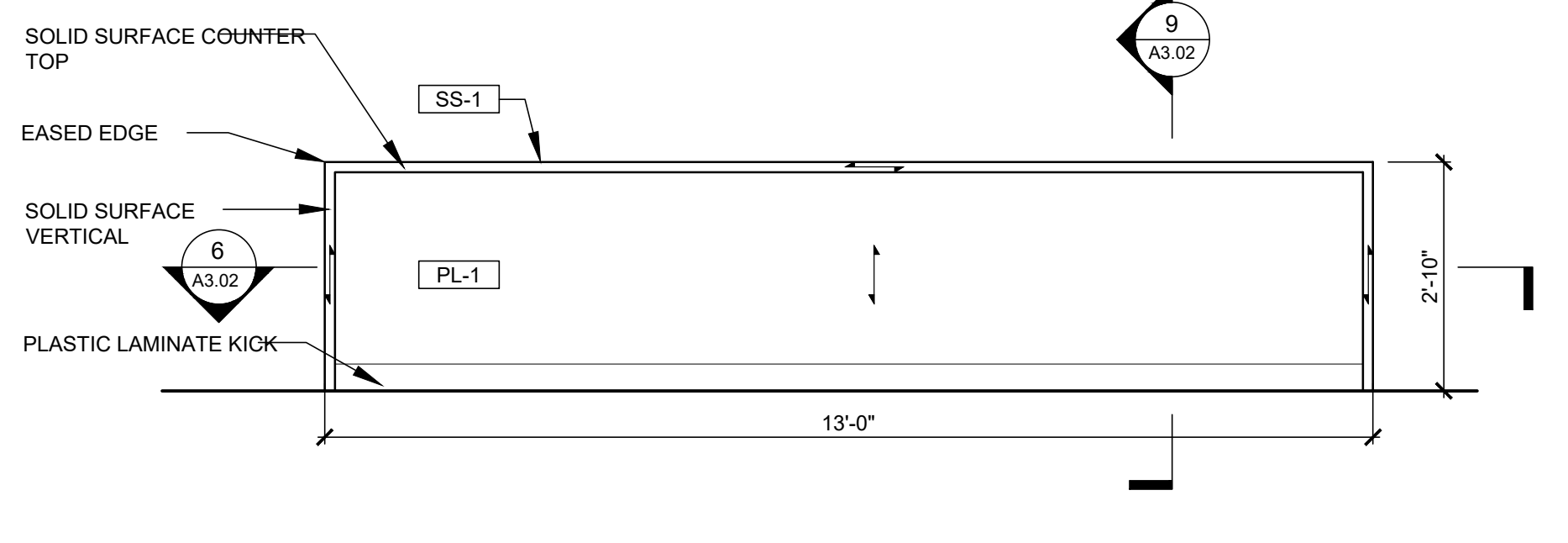
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DRAWN BY: HM	DATE: 06/28/23
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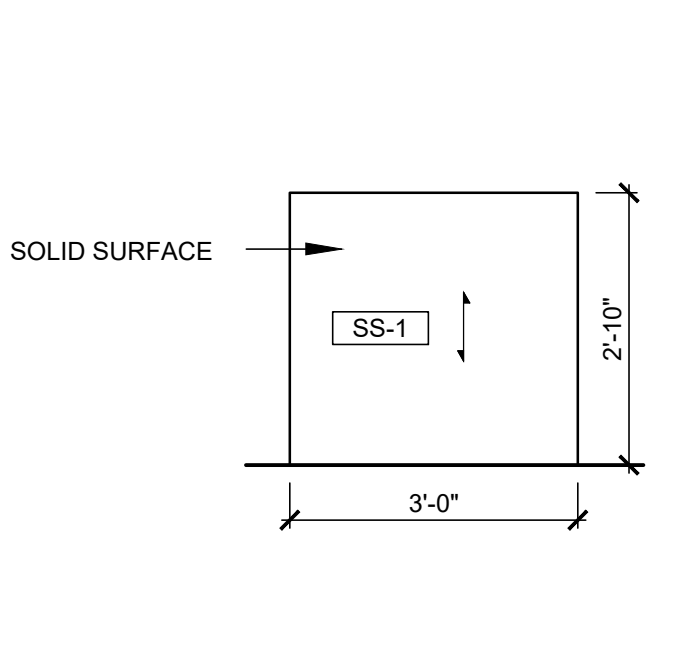
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JRS NUMBER: 23014.00
SHEET NUMBER: <b>A3.02</b>



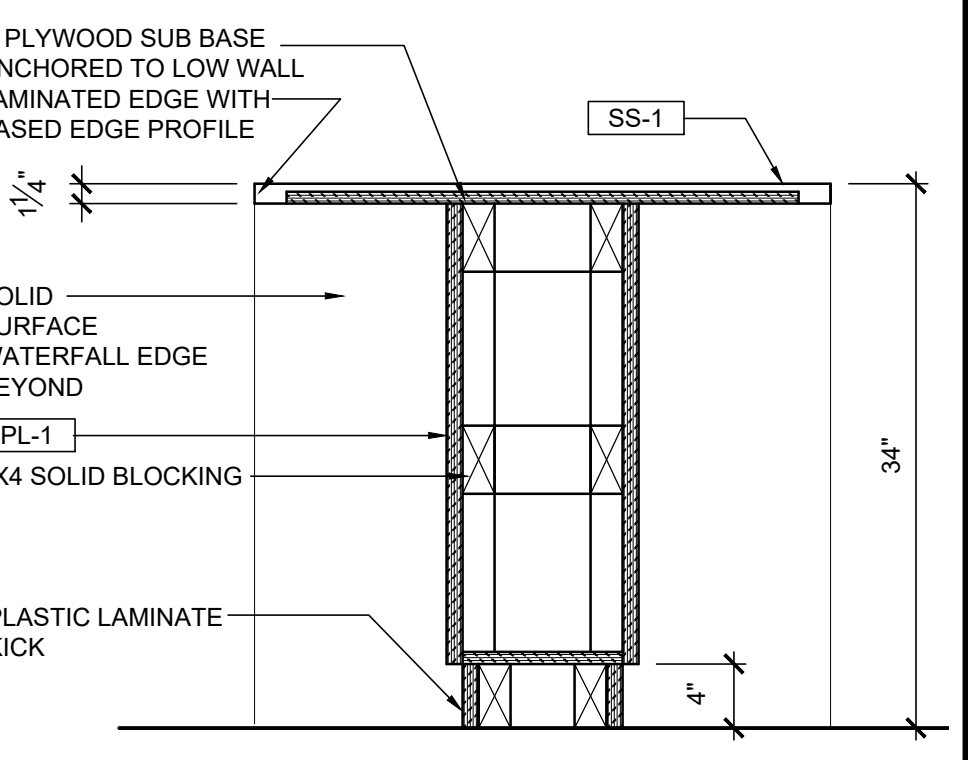
**6 PLAN-BREAK ROOM ISLAND**  
SCALE: 1/2" = 1'-0"



**7 ELEVATION**  
SCALE: 1/2" = 1'-0"



**8 ELEVATION**  
SCALE: 1/2" = 1'-0"



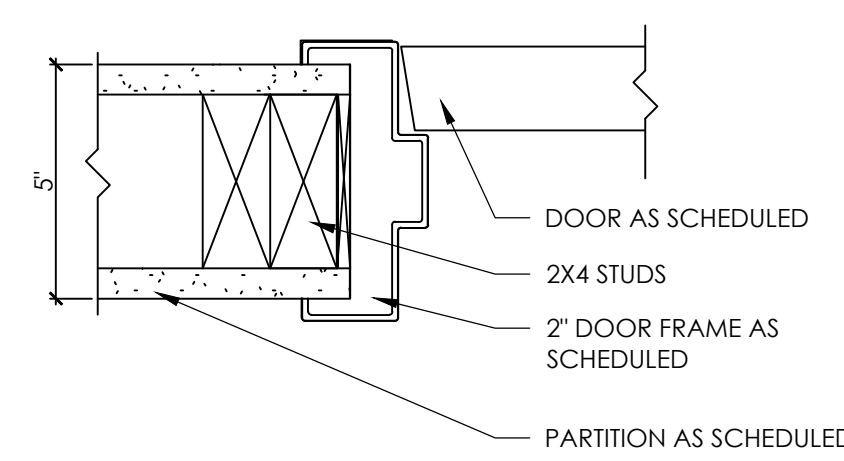
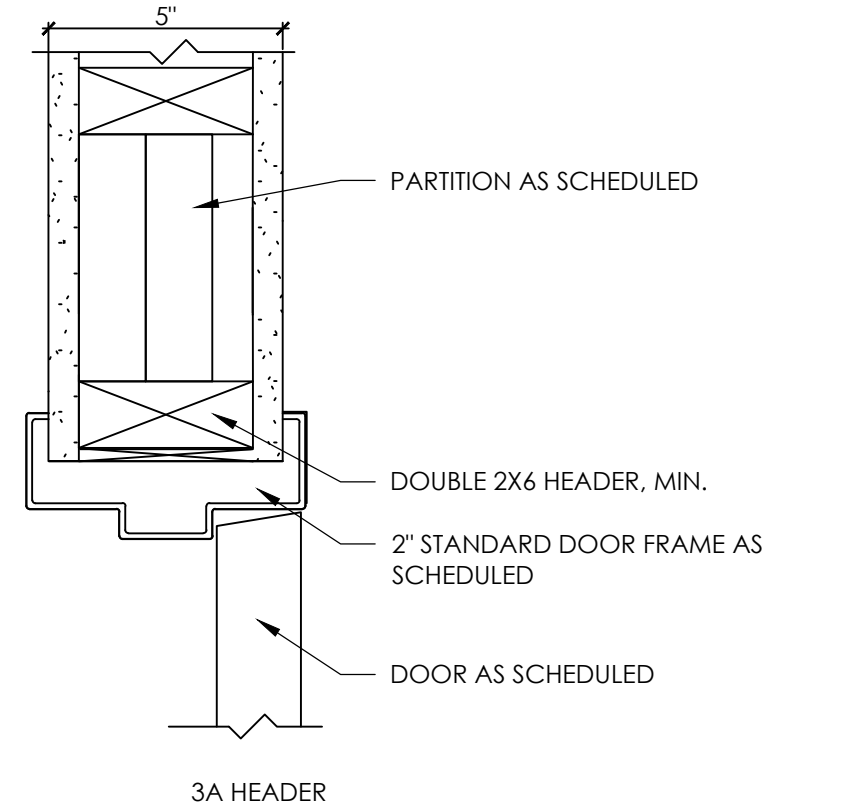
**9 SECTION**  
SCALE: 1" = 1'-0"

## DOOR AND FRAME SCHEDULE

NO	DOORS						FRAME			HDWR	REMARKS
	DOOR SIZE			TYPE	MAT	FIN	TYPE	MAT	FIN		
	WTH	HGT	THK								
101	3'-0"	7'-0"	0' - 1 3/4"	1	WOOD	PAINT	1	WOOD	PAINT	01	
102	5'-0"	7'-0"	0' - 1 3/4"	1	WOOD	PAINT	1	WOOD	PAINT	02	
103	3'-0"	7'-0"	0' - 1 3/4"	1	WOOD	PAINT	1	WOOD	PAINT	01	
104	3'-0"	7'-0"	0' - 1 3/4"	1	WOOD	PAINT	1	WOOD	PAINT	02	
105	3'-0"	7'-0"	0' - 1 3/4"	2	WOOD	PAINT	1	WOOD	PAINT	03	
106	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	REFINISH EXIST. DOOR AND FRAME
107	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	REFINISH EXIST. DOOR AND FRAME

## WINDOW SCHEDULE

NO.	SIZE	FRAME		GLAZING			NOTES
		TYPE	FINISH	TYPE	FINISH	SAFETY	
1	72"W x 90"H	ALUMINUM	PREFINISHED TO MATCH EXIST.	INSULATED GLASS TO MATCH EXIST.	-	-	TYPE 1 - HEAD @ 10'-6" A.F.F. - TYP ELEVATION TO MATCH EXISTING



**3** TYPICAL DOOR FRAME DETAIL  
SCALE: 3" = 1'-0"

**Hardware Group No. 1**  
For use on Door #(s):

QTY	DESCRIPTION	CATALOG NUMBER	FINISH MFR
3	EA HINGE	5B81 4.5 X 4.5 NRP	652 IVE
1	EA CLASSROOM LOCK	ND70TD RHO	626 SCH
1	EA FSIC CORE	23-030 EV29 T	626 SCH
1	EA SURFACE CLOSER	4050A EDA	689 LCN
1	EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
1	EA MOP PLATE	8400 4" X 1" LDW B-CS	630 IVE
1	EA WALL STOP	WS406/407CCV	626 IVE
3	EA SILENCER	SR64	GRY IVE

**Hardware Group No. 2**  
For use on Door #(s):

QTY	DESCRIPTION	CATALOG NUMBER	FINISH MFR
3	EA HINGE	5B81 4.5 X 4.5	652 IVE
1	EA PRIVACY LOCK	L9040 06A 09-544 L283-722	626 SCH
1	EA SURFACE CLOSER	4050A REG	689 LCN
1	EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
1	EA MOP PLATE	8400 4" X 1" LDW B-CS	630 IVE
1	EA WALL STOP	WS406/407CCV	626 IVE
1	EA GASKETING	488SBK PSA	BK ZER
1	EA COAT AND HAT HOOK	582	626 IVE

**Hardware Group No. 03**  
For use on Door #(s):

QTY	DESCRIPTION	CATALOG NUMBER	FINISH MFR
3	EA HINGE	5B81 4.5 X 4.5	652 IVE
1	EA CLASSROOM LOCK	ND70TD RHO	626 SCH
1	EA FSIC CORE	23-030 EV29 T	626 SCH
1	EA SURFACE CLOSER	4050A EDA	689 LCN
1	EA KICK PLATE	8400 10" X 2" LDW B-CS	630 IVE
1	EA WALL STOP	WS406/407CCV	626 IVE
3	EA SILENCER	SR64	GRY IVE

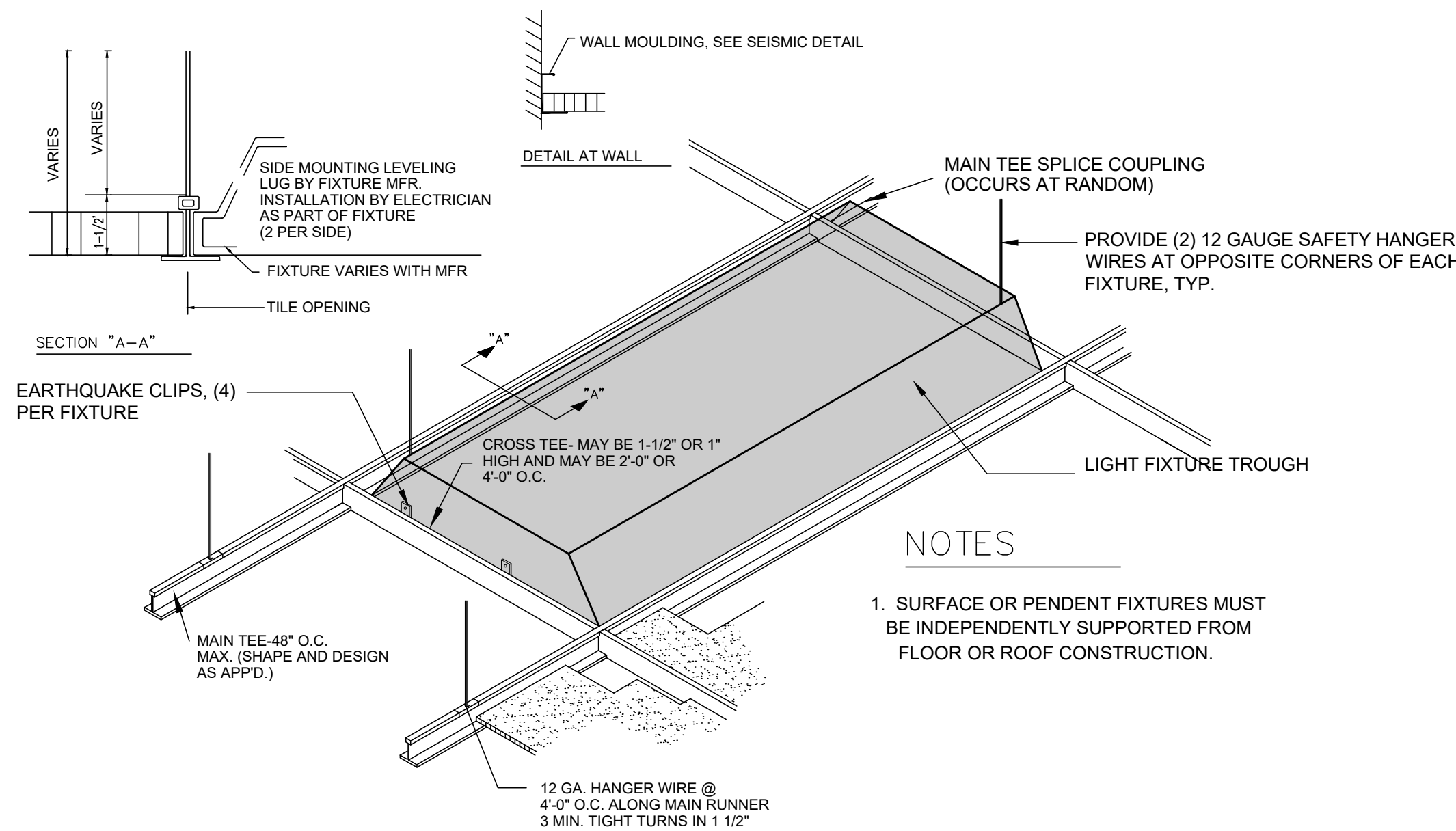
### HARDWARE NOTES:

- ALL DOORS, THRESHOLDS AND HARDWARE TO COMPLY WITH ALL BARRIER FREE REQUIREMENTS, LOCAL LAWS & ADA GUIDELINES.
- WHERE (2) DOORS ARE INDICATED ON DOOR SCHEDULE @ NO. OF DOORS, EACH DOOR SHALL HAVE HARDWARE INDICATED U.O.N.
- ALL INTERIOR WOOD DOORS AND FRAME TO BE PAINTED AS SPECIFIED IN FINISH NOTES/PLAN.
- PROVIDE ALL ACCESSORIES AS REQ'D FOR COMPLETE INSTALLATION.
- ALL SINGLE SWING DOORS TO HAVE SILENCERS.
- INSTALL CURVED LIP STRIKES.
- UNDERCUT DOORS 3/4" FOR FLOOR FINISH CLEARANCE WHERE NECESSARY.
- ALL WOOD DOORS TO BE SOLID CORE FLUSH DOORS, PAINT GRADE, FINISH TO MATCH EXISTING.
- EACH DOOR LEAF TO HAVE 1 1/2" PAIR HINGES PER DOOR U.O.N.
- ALL DOOR HARDWARE TO MATCH EXISTING.
- ALL CLOSERS TO MEET ADA REQUIREMENTS OF 5 LBS. OF PRESSURE.
- CONTRACTOR SHALL PURCHASE ALL DOOR HARDWARE & PROVIDE FINAL CONNECTIONS & EQUIPMENT INSTALLATIONS.
- ALL DOOR FRAMES TO BE PRE-DRILLED.
- MOUNT ALL LATCH SETS @ 38" AFF.
- ALL DOORS TO BE PAINTED AS SPECIFIED IN FINISH NOTES/PLAN.
- PROVIDE ALL REQ. FIRE RETARDANT BLOCKING WHERE REQUIRED FOR CONCEALED CLOSERS, MAG LOCKS, ETC. INSTALLATION.

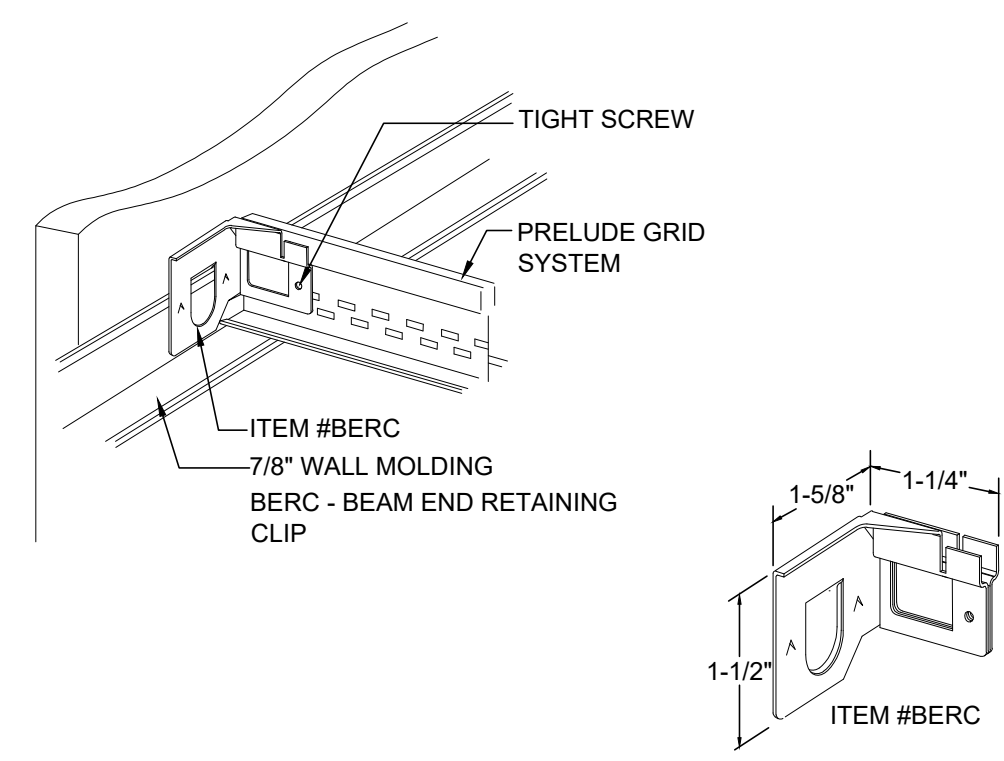
### CEILING NOTES:

- SUSPENDED CEILING TO BE SEISMIC BRACED PER ASTM E580 SEISMIC DESIGN CATEGORY "C". THE FOLLOWING REQUIREMENTS SHALL BE MET:
  - MIN 3/4" WALL MOLDINGS
  - SUSPENSION SYSTEM CAN BE TIGHT ON TWO ADJOINING WALLS WITH USE OF ARMSTRONG BERG CLIP AND 3/8" CLEARANCE ON TWO OPPOSITE ADJOINING WALLS.
  - SAFETY WIRES REQUIRED ON LIGHT FIXTURES.
  - ENDS OF MAIN BEAMS AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT SPREADING.
  - SUSPENSION SYSTEM MUST NOT BE ATTACHED TO THE WALL MOLDING.
- USE ARMSTRONG SEISMIC RX FOR CEILING GRID BRACING. USE WITH INTERMEDIATE-DUTY SUSPENSION SYSTEM. FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS.

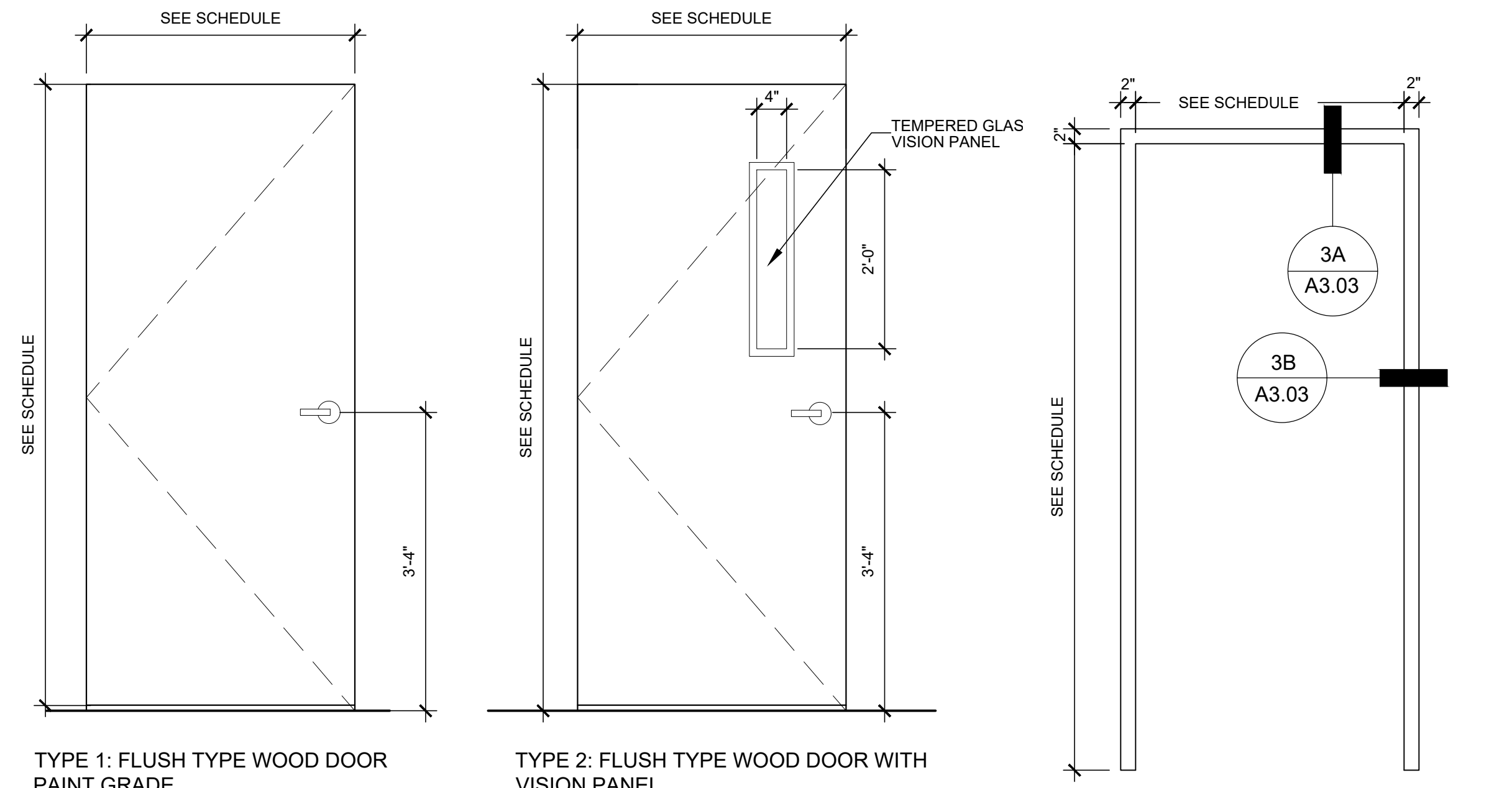
**PRODUCT SPECIFICATION:**  
SEE SPEC. BOOK FOR FURTHER INFO. ALL SPECIFIED PRODUCTS USED AS BASIS OF DESIGN LISTED PRODUCTS OF EQUAL OR GREATER QUALITY MAY BE USED BUT MUST BE APPROVED.



**5** CEILING GRID DETAIL  
SCALE: NTS

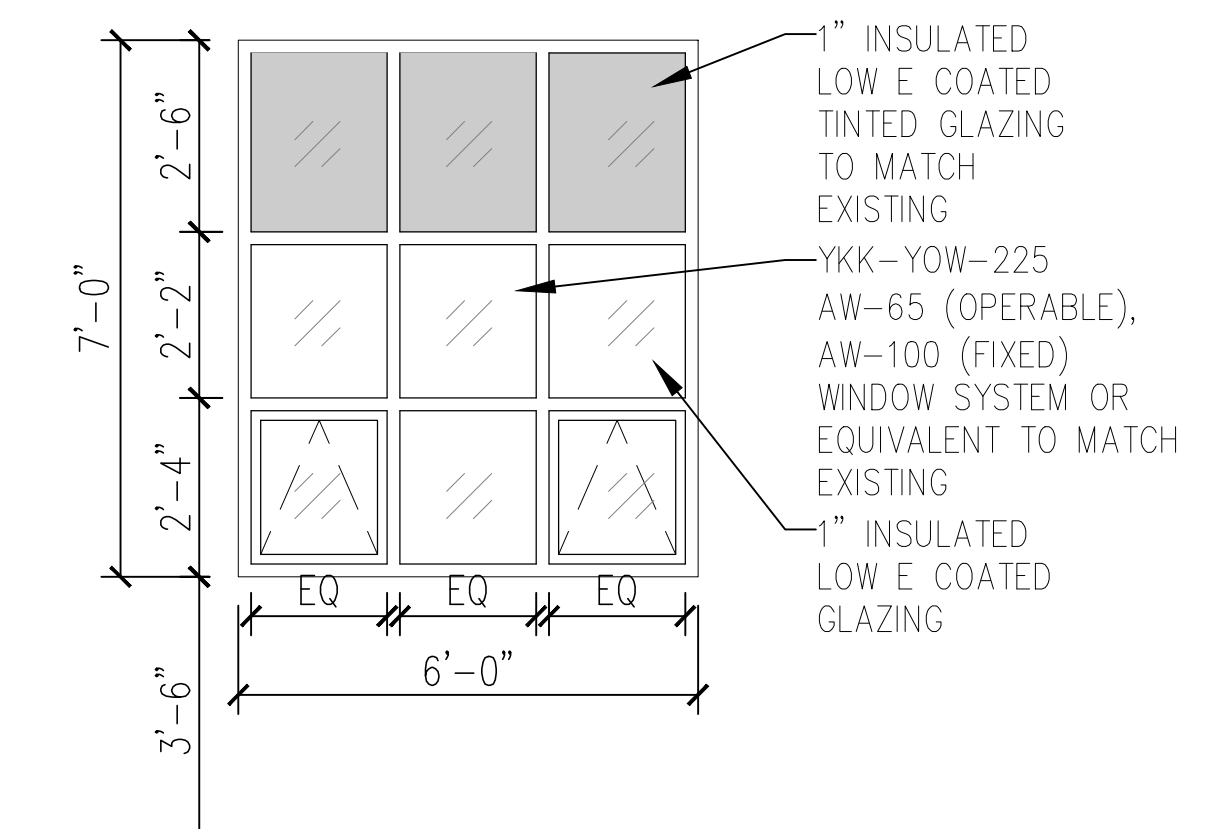


**6** SEISMIC RX DETAILS  
SCALE: 6" = 1'-0"

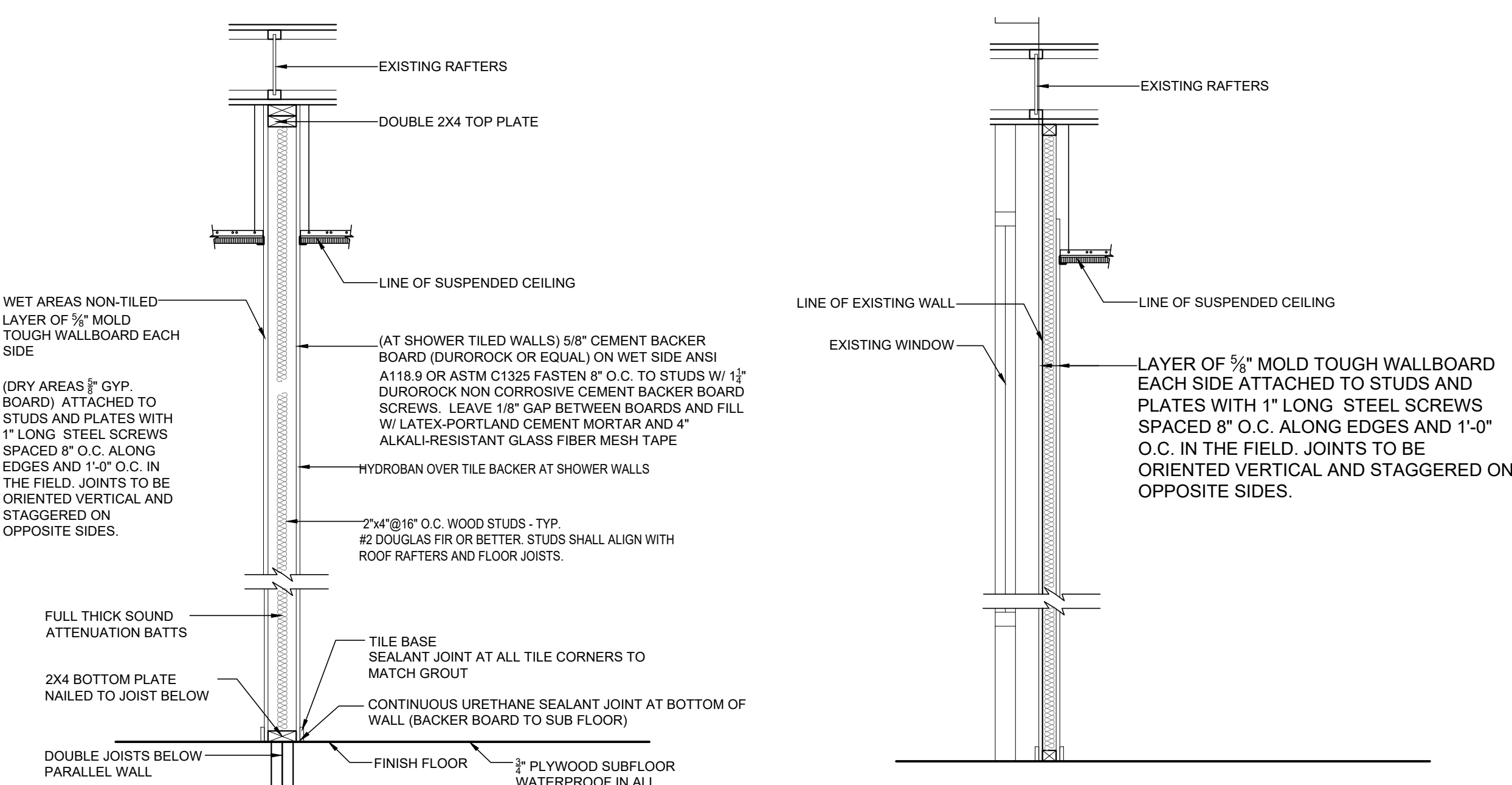


**1** DOOR TYPE  
SCALE: 3/4" = 1'-0"

**2** FRAME TYPE  
SCALE: 3/4" = 1'-0"



**4** WINDOW TYPE  
SCALE: 3/4" = 1'-0"



**1** PARTITION TYPE  
SCALE: 3/4" = 1'-0"

**2** PARTITION TYPE  
SCALE: 3/4" = 1'-0"

**KEY PLAN:**  
PROJECT AREA

SECTION: BLOCK: LOT:

**CONSULTANTS:**

COMMENTS:

DATE	DESCRIPTION
05.16.23	ISSUED FOR REVIEW
9.5.23	ISSUED FOR BID

**REVISIONS:**

REV.	DATE	DESCRIPTION

**CLIENT INFORMATION:**

**MONTCLAIR STATE UNIVERSITY**

POLICE STATION RENOVATIONS  
UNIVERSITY POLICE STATION  
UPPER MONTCLAIR, NJ 07043

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**DRAWING TITLE: DETAILS**

DRAWN BY: HM	DATE: 06/28/23
CHECKED BY: CR	SCALE: AS NOTED

FILE NAME:  
JRS NUMBER: 23014.00  
SHEET NUMBER:  
**A3.03**