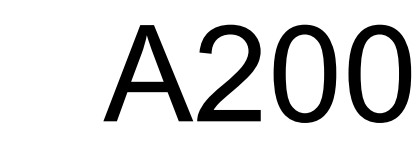


600 COLUMBIA STREET
TURLOCK, CA 95380

A000

1/4" = 1'-0"



A201

- 1 PROVIDE AND INSTALL NEW FIXTURES - SEE PLUMBING DRAWINGS. PROVIDE NEW TILES AND PAINT FINISHES. SEE FINISH SCHEDULE
- 2 CONNECT NEW FIXTURES TO EXISTING PLUMBING - SEE PLUMBING DRAWINGS
- 3 REMOVE EXISTING DOOR ASSEMBLY TO PROVIDE AUTOMATIC OPERATOR AND ELECTRIC LATCH - SEE DOOR SCHEDULE AND ELECTRICAL DRAWINGS
- 4 PROVIDE AND INSTALL WIRELESS STEEL BRUSH STAIN FINISH WIRELESS PUSH BUTTON ACTUATOR AND MOUNTING BOX. PROVIDE NIGHT STAY LOCK AND ELECTRIC LATCH
- 5 AFTER PAINTING DOOR, INSTALL STAINLESS STEEL KICK PLATE. SEE DOOR SCHEDULE
- 6 TILE INSULATION OVER RASORNY WALLS. PROVIDE A THIN-SET MORTAR SKIN COAT TO PROVIDE SMOOTH SURFACE. THEN APPLY WATERPROOF/CRACK ISOLATION MEMBRANE OVER THE MORTAR SKIN COAT. PROVIDE 1/2" THICK CERAMIC TILE EXISTING GYPSUM FINISH BELOW 60" FOR CEMENT BOARD INSTALLATION - PATCH AND REPAIR
- 7 PROVIDE OTHER DOOR ACCESSORIES (DOOR HANDLE) PROVIDE AND INSTALL NEW TYLE ACCESSORIES - SEE ACCESSORIES
- 8 PROVIDED BY OTHERS - FOR REFERENCE ONLY PROVIDE NEW RESTROOM SIGNAGE AT DOOR AND JAMB PER DETAIL 6100S.
- 9 PROVIDE BY OTHERS - FOR REFERENCE ONLY PROVIDE TACTILE EXIT SIGN PER DETAIL 61001
- 10 PROVIDE BY OTHERS - FOR REFERENCE ONLY PROVIDE SIGN POSTED IN A CONSPICUOUS PLACE NEAR THE MAIN EXIT STATING "MAXIMUM OCCUPANCY 10 PERSONS". SIGN SHALL BE MAINTAINED PERMANENTLY ON HAND BY THE OWNER.

PER CPC TABLE 422.1 AND TABLE 4-1

PLUMBING OCCUPANT LOAD CALCULATIONS (SEE NOTES BELOW):

A-3	$1501 / 30 = 50$
B	$313 / 150 = 2$
K	$203 / 50 = 4$

TOTAL PLUMBING OCCUPANT LOAD = $50 + 2 + 4 = 56$

OCCUPANT LOAD = $56 / 2 = 28$ OCCUPANTS EACH SEX

FIXTURES REQUIRED:

WATER CLOSETS:	1 MALE, 2 FEMALE
URINALS:	1 MALE
LAVATORIES:	1 MALE, 1 FEMALE
DRINKING FOUNTAIN:	1
SERVICE SINK:	1

FIXTURES PROVIDED:

WATER CLOSETS:	1 MALE, 1 FEMALE
URINALS:	1 MALE
LAVATORIES:	1 MALE, 1 FEMALE
DRINKING FOUNTAIN:	0 (SEE NOTES BELOW)
SERVICE SINK:	0

- PER CPC TABLE 4-1, ACCESSORY AREAS SUCH AS, BUT NOT LIMITED TO, HALLWAYS/CORRIDORS, STAIRWAYS, RAMPS, TOILET ROOMS, MECHANICAL ROOMS, CLOSETS AND FIXED EQUIPMENT, MAY BE EXCLUDED.
- WATER IS AVAILABLE IN THE KITCHEN

XX	DESCRIPTION	ROBBICK MODEL NUMBER (U.O.N.)	COMMENTS
01	24"x30" MIRROR	B-165	OFOI
02	SOAP DISPENSER	GOJO 2789-12	OFOI
03	TWO-WALL GRAB BAR	B-6897	OFOI
04	TOILET TISSUE DISPENSER	B-4288	OFOI
05	TOILET SEAT COVER DISPENSER	B-4221	OFOI
06	SANITARY NAPKIN DISPOSAL	B-254	OFOI
07	PAPER TOWEL DISPENSER	SAN JAMAR 1837055	OFOI

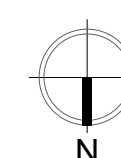
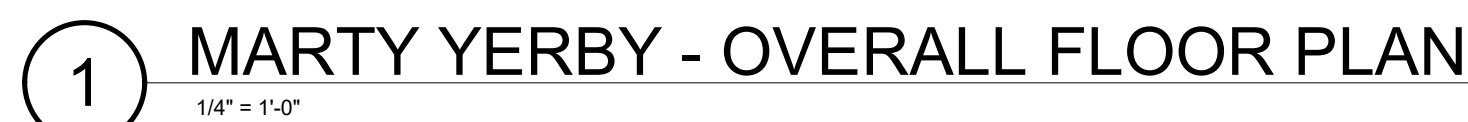
NOTE:

- OFOI - ALL ACCESSORIES WILL BE OWNER FURNISHED AND OWNER INSTALLED.
- SEE SHEET AD01 FOR LOCATIONS AND CLEARANCE REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES.
- ALL AUTOMATIC DISPENSERS SHALL BE BATTERY OPERATED.

- A. ALL DIMENSIONS ARE TO FACE OF STUD (FOS) AT NEW WALLS OR FACE OF FINISH (FOF) AT EXISTING WALLS - UNLESS NOTED OTHERWISE.
- B. ALL CONTROLS IN PUBLIC SPACE MUST BE MOUNTED ABOVE 4'-8" AFF AND HAVE A 3/64" MINIMUM CLEAR FLOOR SPACE FOR FORWARD OR PARALLEL APPROACH. CONTROLS SHALL BE MOUNTED SUCH THAT IS BETWEEN 10" AND 24" DEEP MAY BE NO HIGHER THAN 48" AFF. IF PARALLEL APPROACH IS PROVIDED, WHERE OBSTRUCTION ARE BETWEEN 20" AND 25" WITH FORWARD APPROACH CONTROLS MUST NOT REQUIRE CLEARANCE, GRIPPING, OR TWIST OF THE WRIST. SEE SHEETS **AD002** AND **AD003**.
- C. ALL SIGNS IDENTIFYING PERMANENT ROOMS OR SPACES ARE REQUIRED TO HAVE VISUAL AND RAISED CHARACTERS ABOVE 4'-8" AFF. ALL SIGNS IDENTIFYING TEMPORARY DOOR WITH THE LOWER TACTILE CHARACTERS NO HIGHER THAN 48" AFF. ALL TACTILE CHARACTERS NO HIGHER THAN 60" AFF.
- D. DIRECTIONAL SIGNAGE - DISPLAY IN ALL HALLWAYS AND WALKWAYS - PROFESSIONALLY PRODUCED DIRECTIONAL SIGNS TO ALL APPLICABLE DESTINATIONS. SEE SPECIFICATIONS FOR SIGNAGE REQUIREMENTS.
- E. ALL EQUIPMENT, FURNITURE AND MILLWORK INTENDED FOR PUBLIC USE MUST MEET ALL CLEARANCES AND REACH RANGES AS TO ALL APPLICABLE DESTINATIONS. ACCESSIBILITY CODE OR LOCAL CODE - WHICHEVER IS STRicter.
- F. ALL DATA AND POWER RECEPTACLES IN PUBLIC SPACES INTENDED FOR PUBLIC ACCESS MUST BE INSTALLED WITHIN ACCESSIBLE REACH RANGES - REFER TO GENERAL NOTES.
- G. SEE ACCESSIBILITY DETAILS SHEETS **AD01** - **AD03** FOR ADDITIONAL REQUIREMENTS FOR PUBLIC SPACES AND EQUIPMENT.
- H. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL ENTRANCES THEREBY PROVIDE A 1/2" RAMPING MATERIAL OR AT DOOR THRESHOLDS, THE CHANGE OF FLOORING BEING MAXIMUM 1/4" IN ONE RAMP OR UP OR 1/2" IF SLOPED AT 1:2 - SEE DETAIL **12AD02**.
- I. FIRE EXTINGUISHERS, SMOKE DETECTORS AND OTHER EMERGENCY DEVICES TO BE LOCATED PER LOCAL CODE. FIRE EXTINGUISHERS ARE TO BE MOUNTED NO MORE THAN 48" AFF.
- J. CONTRACTOR TO VERIFY ALL OUTLET LOCATIONS PRIOR TO ELECTRICAL BID AND AGAIN PRIOR TO ELECTRICAL REVISIONS.
- K. GENERAL CONTRACTOR TO COORDINATE AND PROVIDE ALL NECESSARY CONNECTIONS AND REQUIRED STRUCTURAL SUPPORT NECESSARY TO INSTALL AND OPERATE AND MAINTAIN ALL EQUIPMENT.

 EXISTING MASONRY WALL

 EXISTING INTERIOR PARTITION

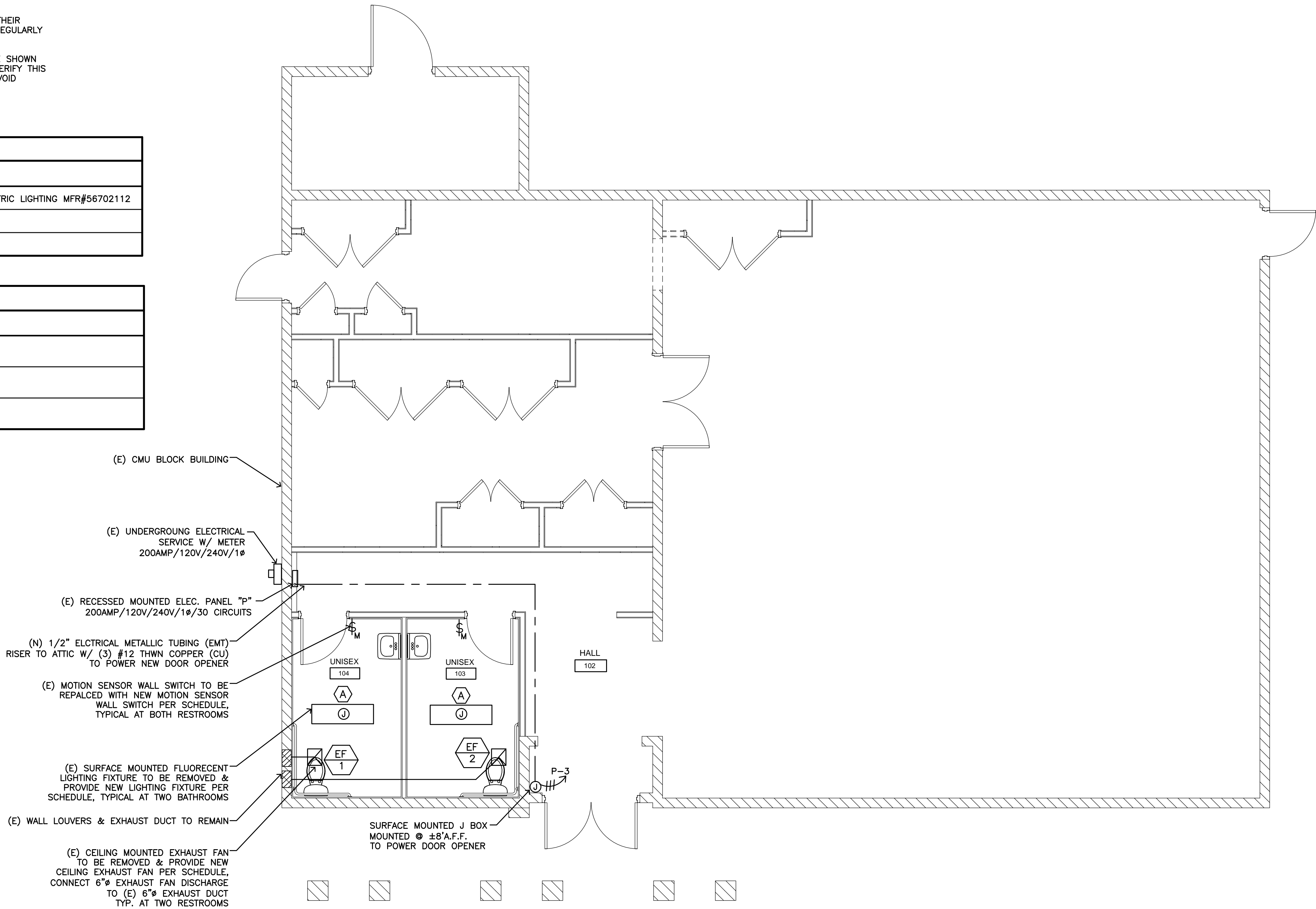


ELECTRICAL NOTES:

1. ALL WIRING SHALL BE (3) 12GA THWN COPPER (CU.) W/ 1/2" ELECTRICAL METALLIC TUBING (EMT), UNLESS OTHERWISE NOTED.
2. ALL ELECTRICAL WIRING AND BONDING SHALL MEET 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.).
3. ALL EQUIPMENT GROUNDING SHALL CONFORM TO ARTICLE 250 OF 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.).
4. DRAWINGS INDICATE THE LOCATION OF DEVICES, FIXTURES AND EQUIPMENT AND THE CIRCUIT NUMBER AND PANEL DESIGNATION WHICH SUPPLIES THEM. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY CONNECTING ALL ELECTRICAL DEVICES TO CIRCUITS INDICATED ON THE DRAWINGS.
5. ALL ELECTRICAL MATERIALS SHALL BE NEW AND LISTED WITH THE UNDERWRITERS' LABORATORIES, AND SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
6. ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH THE SIZE AND LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE. CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION AT THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT AND INSTALLING HIS WORK TO AVOID INTERFERENCE WITH OTHER TRADES.

LIGHTING FIXTURE SCHEDULE		
TYPE	SYMBOL	DESCRIPTION
⊙	◻	1x4 LIGHTING W/ WRAPAROUND LENSE, SURFACE MOUNTED, 20WATT LED FIXTURE, COMMERCIAL ELECTRIC LIGHTING MFR#56702112

ELECTRICAL LEGEND & SCHEDULE	
SYMBOL	DESCRIPTION
\$	SINGLE POLE 15 AMP SWITCH COMMERCIAL GRADE
\$ _M	MOTION SENSOR SWITCH, LUTHRON MS-OPS6M2-DV-SW



FAN SCHEDULE														
MARK	FAN USE	MAKE AND MODEL	FAN SIZE WxLxH	DUCT SIZE	CFM	E.S.P.	RPM	WEIGHT LBS.	ELECTRICAL					REMARKS
									WATT	MCA	FUSE AMP	VOLTS	Ø	
EF-1,2	RESTROOM EXHAUST	CEILING MOUNTED EXH. FAN CANARM BPT MRF#BPT18-34A-6	10.5" x 10.5" x 8.31"	6"ø	150	3/8"	1550	15	31	1.2	20	115	1	OPERATE W/ WALL SWITCH IN RESTROOM, BACK DRAFT DAMPER



MECHANICAL PLAN & ELECTRICAL LIGHTING & POWER PLAN

SCALE
1/4"=1'-0"

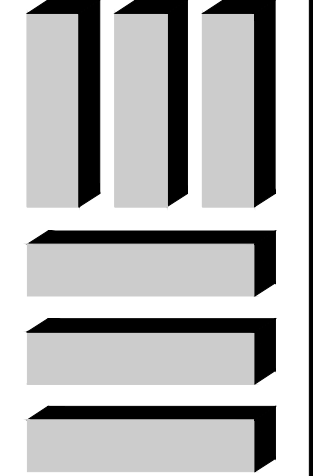
NO.	REVISION & DATE

MARTY YERBY REC. FACILITY
RENOVATIONS, CITY PROJCTC 24-036
600 COLUMBIA STREET
TURLOCK, CA 95380

MECHANICAL PLAN
ELECTRICAL POWER PLAN



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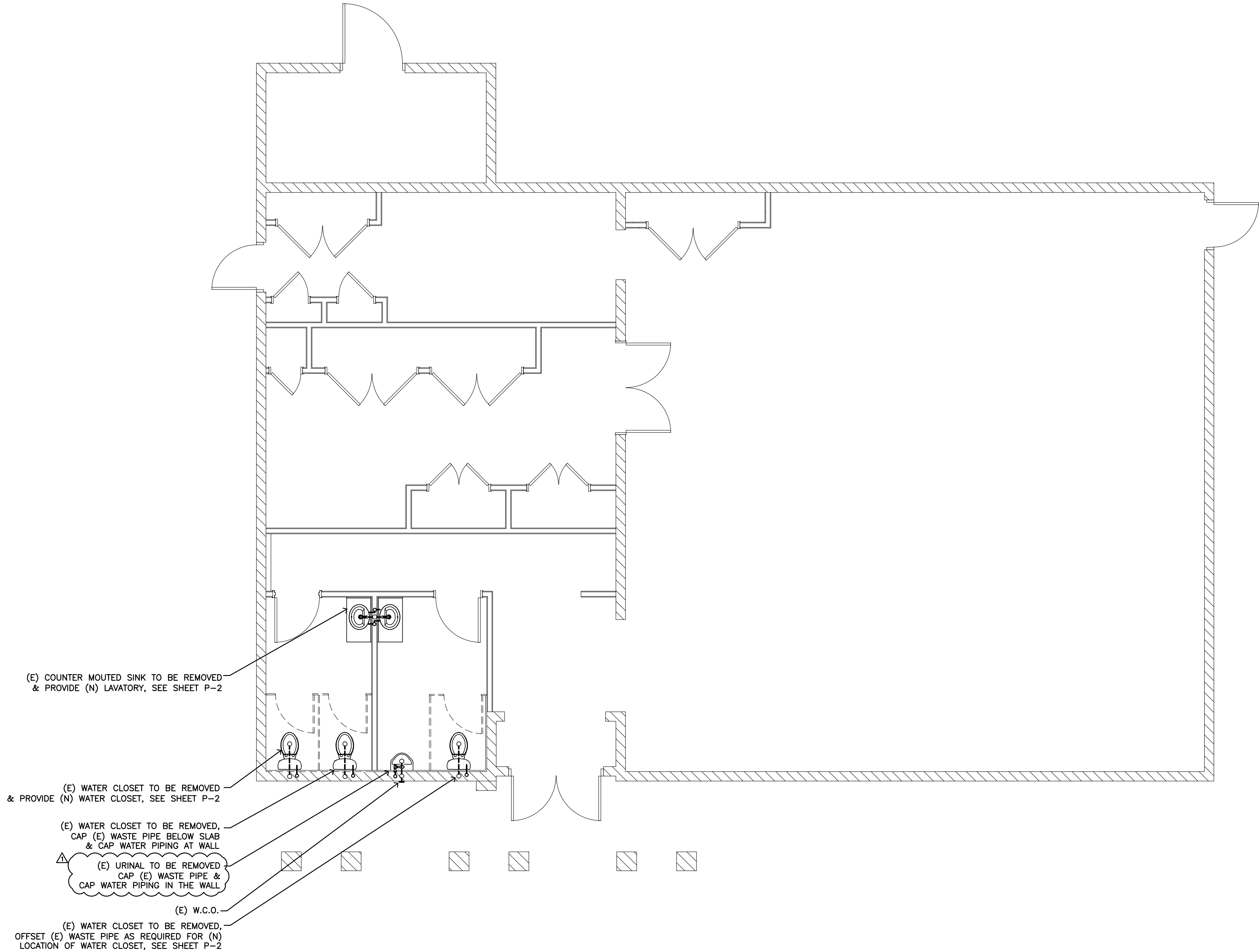
DATE
03/15/25
PROJECT MANAGER
EDMOND MORAD, P.E.
DRAWN BY
JASON MORAD
JOB NUMBER

SHEET
ME-1

OF SHEETS

SHEET NOTES:

1. REMOVE AND DISPOSE ALL PLUMBING FIXTURES IN TWO RESTROOMS.
2. PROVIDE NEW PLUMBING FIXTURES AS SPECIFIED ON SHEET P-2,
NOTE: ALL WASTE, VENT PIPING, AND WATER PIPING ARE STUBBED IN
EXISTING CMU BLOCK WALL. ADJUST ALL PIPING AS NECESSARY TO
ACCOMMODATE NEW LOCATION OF PLUMBING FIXTURES.



LEGEND

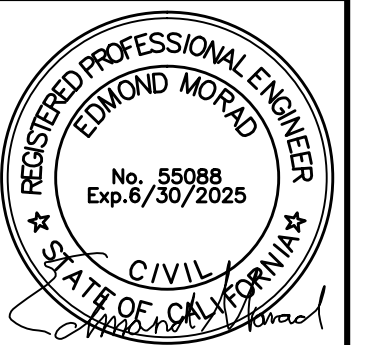
(E)	EXISTING
(N)	NEW
S.O.V.	SHUT OF VALVE
U.G.	UNDER GROUND
W.C.O.	WALL CLEAN OUT
P.O.C.	POINT OF CONNECTION
F.C.O.	FLOOR CLEAN OUT
V	VENT
CW	COLD WATER
V.T.R	VENT TO ROOF
HW	HOT WATER
W	WASTE

—	WASTE
- - -	(E) WASTE
—	CW
- - -	(E) CW
- - -	VENT
- - -	HW
- - -	(E) HW

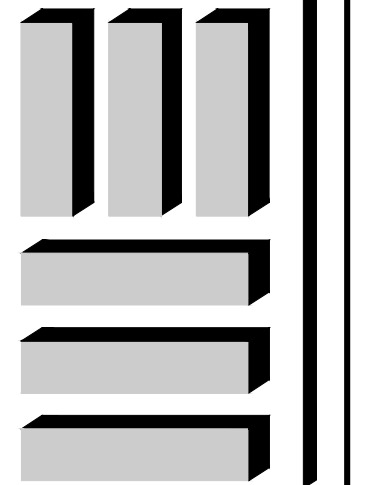
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PLUMBING DEMO PLAN



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PROJECT MANAGER
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DRAWN BY
JASON MORAD
JOB NUMBER

SHEET
P-1
OF SHEETS

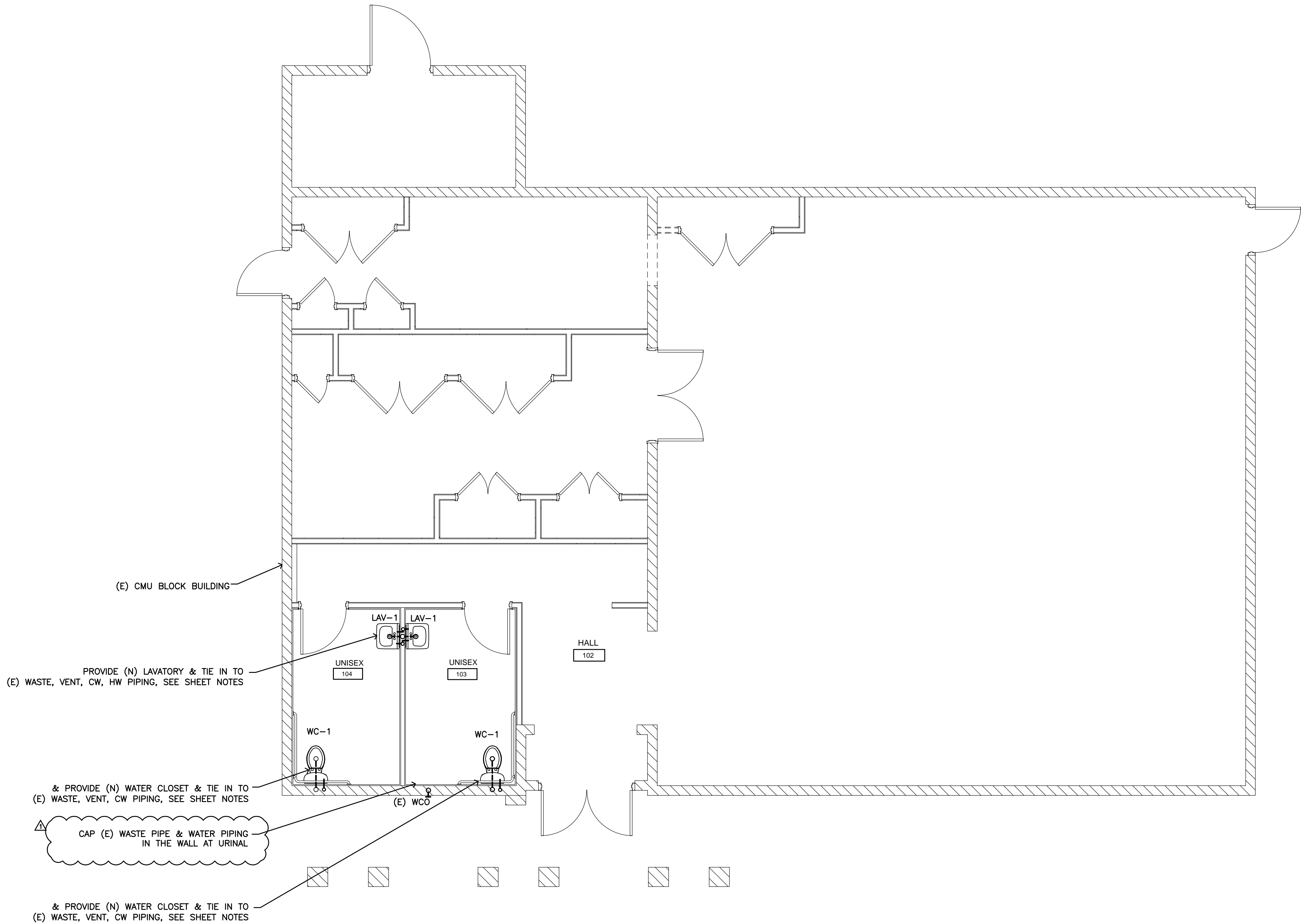


PLUMBING DEMO PLAN

SCALE
1/4"=1'-0"

SHEET NOTES:

1. REMOVE AND DISPOSE ALL PLUMBING FIXTURES IN TWO RESTROOMS.
2. PROVIDE NEW PLUMBING FIXTURES AS SPECIFIED ON SHEET P-2.
NOTE: ALL WASTE, VENT PIPING, AND WATER PIPING ARE STUBBED IN EXISTING CMU BLOCK WALL, ADJUST ALL PIPING AS NECESSARY TO ACCOMMODATE NEW LOCATION OF PLUMBING FIXTURES.



LEGEND	
(E)	EXISTING
(N)	NEW
S.O.V.	SHUT OF VALVE
U.G.	UNDER GROUND
W.C.O.	WALL CLEAN OUT
P.O.C.	POINT OF CONNECTION
F.C.O.	FLOOR CLEAN OUT
V	VENT
CW	COLD WATER
V.T.R	VENT TO ROOF
HW	HOT WATER
W	WASTE

—	WASTE
- - -	(E) WASTE
- - -	CW
- - -	(E) CW
- - -	VENT
- - -	HW
- - -	(E) HW

NO.	REVISION & DATE
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PLUMBING PLAN



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PROJECT MANAGER	EDMOND MORAD, P.E.
DRAWN BY	JASON MORAD
JOB NUMBER	

SHEET	P-2
OF	SHEETS



PLUMBING PLAN

SCALE
1/4"=1'-0"

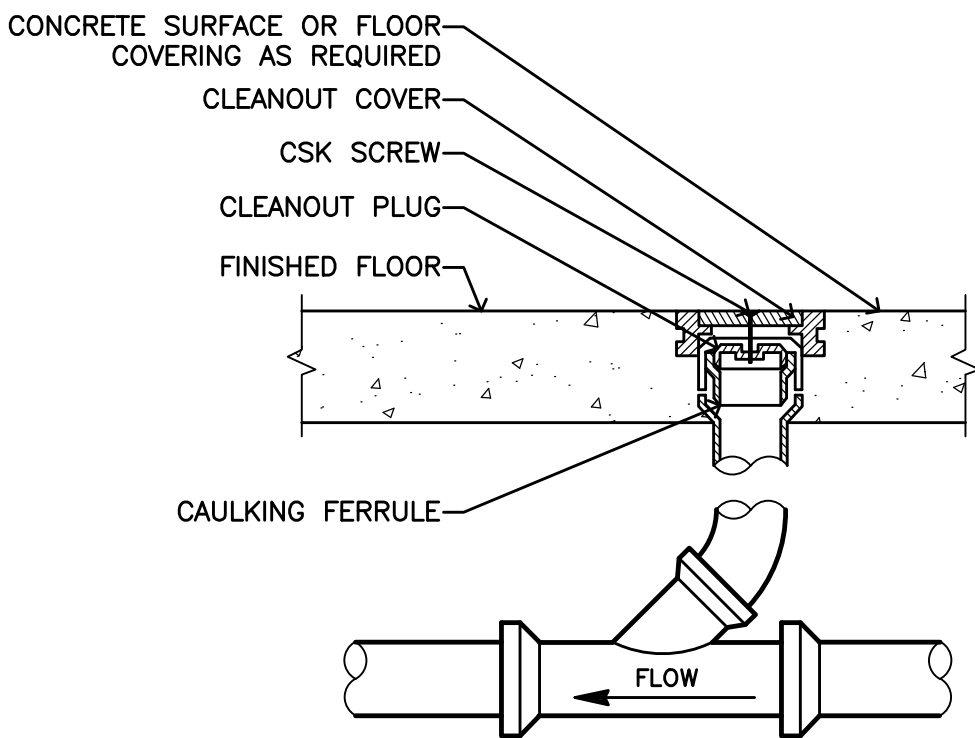
PLUMBING FIXTURE SCHEDULE			
MARK	MAKE & MODEL	DESCRIPTION	REMARKS
WC-1	SLOAN ADA MFR#80298010	WATER CLOSET ADA 17"HI	GRAVITY--FED VITREOUS CHINA FLOOR MOUNTED, FLUSH TANK WITH PRESSURE ASSIST FLUSHING SYSTEM TYPE, 1.28 GAL/ FLUSH, ELONGATED BOWL, WITH MATCHING BOLT CAPS, WHITE COLOR, POLISHED CHROME SLOAN ACTUATOR. UNIT AND INSTALLATION SHALL COMPLY WITH ADA & TITLE 24. WATER CLOSET SHALL COMPLY W/ U.S. EPA WATER SENSE TANK--TYPE HIGH EFFICIENCY TOILET SPECIFICATION & CA SB 407.
LAV-1	SLOAN MFR#3873017	LAVATORY ADA	ENAMELED CAST IRON VITREOUS CHINA WALL MOUNTED LAVATORY, WHITE COLOR, WITH DECK MOUNTED SENSOR FAUCET (TOUCHLESS ACTNATED FAUCET) BATTERY OPERTAED VALVE, SLOAN 3362116, MAX. FLOW RATE 0.4 GPM FAUCET, GRID DRAIN, TALL PIECE, P TRAP, S.S. BRAIDED HOT &/COLD WATER HOSES, LAVATORY SHALL COMPLY W/ ASME A 112.18.1/CSA B125.1 & CA SB 407.
C.O.T.G.	ZURN Z-14060-15	CLEAN OUT TO GRADE	CLEAN OUT TO GRADE W/ CONCRETE BOX
W.C.O.	ZURN Z-1445-4	WALL CLEAN OUT	WALL CLEAN OUT W/ S.S. COVER
F.C.O.	ZURN Z-1400	FLOOR CLEAN OUT	FLOOR CLEAN OUT W/ S.S. COVER

- PLUMBING NOTES:
- DRAWINGS INDICATE DIAGRAMMATICALLY THE ARRANGEMENT OF PRINCIPLE APPARATUS, PIPING AND OTHER MATERIAL. FOLLOW DRAWINGS AS CLOSELY AS POSSIBLE, IN ORDER TO ACHIEVE A NEAT TO ACHIEVE ARRANGEMENT OF PIPING, AND EQUIPMENT WHILE STILL OVERCOMING OBSERVATION
 - PIPES (HW,CW,DRAIN) UNDER LAVATORY FOR THE PHYSICALLY HANDICAPPED SHALL BE INSULATED.
 - ALL PLUMBING VENTS SHALL TERMINATE 12" FROM ANY VERTICAL WALL AND 10' FROM ANY OUTSIDE AIR INTAKE.
 - DRAIN, WASTE, AND VENT PIPE SHALL BE ABS SCH 40.
 - WATER PIPES SHALL BE SCHEDULE 40 GALVANIZED STEEL, ASTM A120, OR TYPE L COPPER, ASTM B88. PIPE BELOW GRADE SHALL HAVE PROTECTIVE COATING OF POLYETHYLENE.
 - PROVIDE MIN. OF 1/4"/FT. SLOPE AT ALL WASTE PIPING AT 4" PIPE AND SMALLER, PROVIDE 1/8"/FOOT SLOPE AT WASTE PIPE 6" AND LARGER.
 - WATER CLOSET AND ASSOCIATED FLUSHOMETER VALVES SHALL USE NO MORE THAN 1.28 GAL. PER FLUSH & SHALL MEET PERFORMANCE STANDARD ESTABLISHED BY THE AMERICAN NATIONAL STANDARDS INSTITUTE STANDARD A112-19-2, H&S CODE SECTION 17921.3(b).
 - ALL WATER PIPING IS IN ATTIC SPACE U.O.N. FOR UNDERGROUND PIPING.
 - ALL PLUMBING SHALL MEET 2022 C.P.C.
 - PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION, ELEVATIONS, AND CHARACTERISTICS OF ALL UTILITIES AND PIPING OF WHICH IS TO CONNECT AND SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES OR PROBLEMS.
 - TRAP FOR ALL LAVATORIES AND SINKS SHALL TRAP STRAIGHT BACK TO WALL WITH ALL REQUIRED OFF SETS WITHIN THE WALL.
 - ALL PLUMBING WORK SHALL BE INSTALLED TO AVOID INTERFERENCE WITH ELECTRICAL, MECHANICAL EQUIPMENT AND STRUCTURAL FRAMING.
 - CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING ACCESS PANELS WITH THE ARCHITECTURAL REFLECTED CEILING PLAN AND ELECTRICAL LIGHTING PLAN.
 - ALL CLEANOUTS SHALL BE INSTALLED WHERE EASILY ACCESSIBLE. THE CONTRACTOR SHALL COORDINATE ALL CLEANOUT LOCATIONS WITH ALL EQUIPMENT, CABINETS, ETC. PRIOR TO INSTALLATION.
 - ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS PIPE UNLESS INDICATED OTHERWISE ON DRAWINGS.
 - BEFORE FABRICATION OR INSTALLATION PLUMBING CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT AND EQUIPMENT PROVIDED UNDER ANOTHER LOCATIONS OF ALL MECHANICAL EQUIPMENT AND EQUIPMENT PROVIDED UNDER ANOTHER SPECIFICATIONS. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED WITH WORK OF OTHER CONSULTANTS AND EQUIPMENT VENDORS DRAWINGS.
 - IF MACHINE SAW CUTTING OF SLAB IS REQUIRED FOR PIPING TO BE INSTALLED BELOW FLOOR. VERIFY EXISTING SLAB CONDITION IN FIELD.
 - ALL VALVES, TRAP PRIMER, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN ON WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
 - ALL PLUMBING FIXTURES AND EQUIPMENT SHALL BE CERTIFIED BY THE STATE ENERGY COMMISSION TO COMPLY WITH EFFICIENCY STANDARDS PER SECTION 2-5314(A) OF THE TITLE-24 REGULATIONS.
 - ALL HOT WATER PIPING SHALL BE INSULATED WITH 1" THICK MANVILLE "MICROLOCK" 850-APT SNAP ON FIBERGLASS INSULATION.
 - PIPING THROUGH FIRE RATED WALL SHALL BE INSTALLED PER U.L. FIRE RESISTANCE SYSTEM NO. WL1001. REFER TO ARCHITECTURAL DRAWINGS FOR WALL LOCATION.
 - CONTRACTOR SHALL COORDINATE ALL PLUMBING REQUIREMENTS WITH EQUIPMENT PRIOR TO BID AND VERIFY POINT OF CONNECTION TO UTILITIES PRIOR TO CONSTRUCTION.
 - ALL EQUIPMENT SHALL BE LATERALLY SUPPORTED IN ALL DIRECTIONS TO RESIST 20% OF THE EQUIPMENT OPERATING WEIGHT.
 - PIPING PASSING THROUGH CONCRETE FLOORS SHALL BE ADEQUATELY PROTECTED AGAINST BREAKAGE PER CPC SEC. 312.
 - ALL PRESSURED WATER PIPING BELOW FLOOR SHALL BE TYPE "L" SOFT UNLEADED COPPER TUBING WITH NO FITTING BELOW SLAB.
 - SUSPENDED PIPING SHALL BE PROVIDED WITH LATERAL SWAY BRACING PER S.M.A.C.N.A. GUIDELINES FOR SEISMIC CONSTRAINTS.
 - ALL DOMESTIC WATER VALVES UP TO AND INCLUDING 2" IN SIZE SHALL BE MADE OF BRASS OR OTHER APPROVED MATERIALS. EACH GATE VALVE SHALL BE FULL-WAY TYPE WITH WORKING PARTS OF NON-CORROSIVE MATERIAL PER CPC SEC. 605.1.

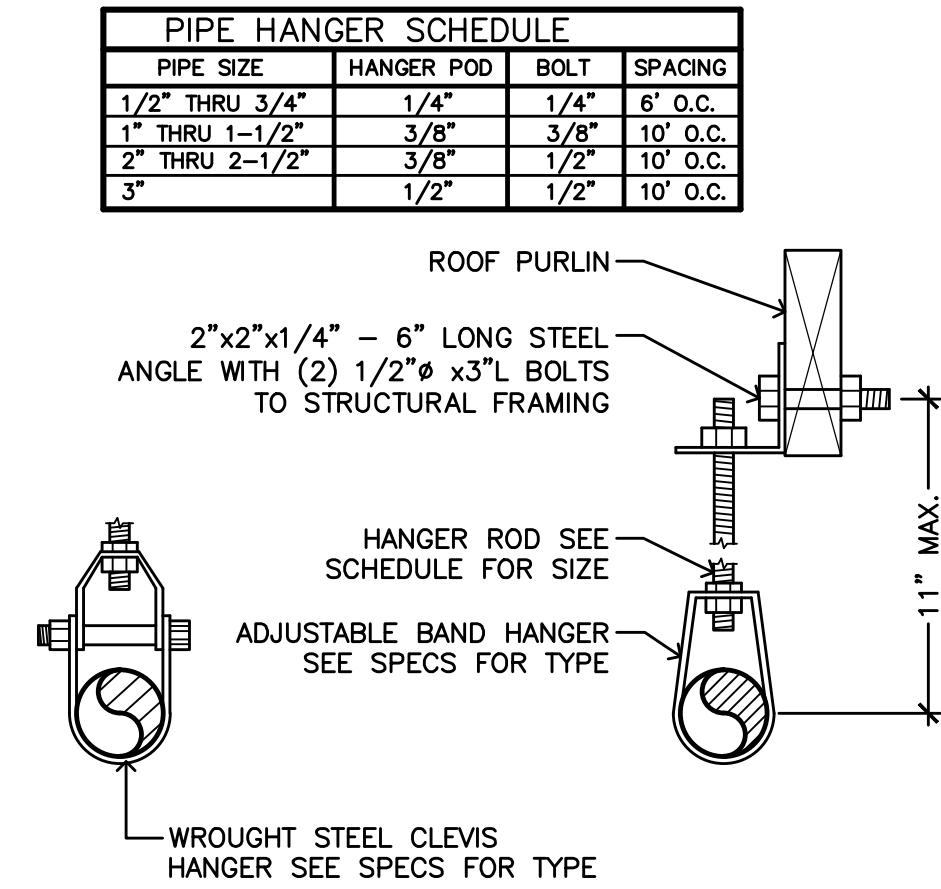
FIXTURE CONNECTION SIZE									
FIXTURE	SYM	WASTE		TRAP	VENT	COLD WATER		HOT WATER	
		BRANCH	OUTLET			BRANCH	OUTLET	BRANCH	OUTLET
WATER CLOSET (TANK)	WC	4"	4"	-	-	3/4"	3/4"	-	-
LAVATORY SINK	LAV	2"	2"	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	1/2"
SINK	S	2"	2"	1-1/2"	1-1/2"	1/2"	1/2"	1/2"	1/2"

WATER SUPPLY FIXTURE UNITS				
MARK	DESCRIPTION	QUANTITY	FIXTURE UNIT	TOTAL NO. OF FIXTURE
WC-1	WATER CLOSET	2	5.0	10.0
LAV-1	LAVATORY	2	2.0	4.0
(E) SINK	(E) KITCHEN SINK	1	1.5	1.5
(E) MP-1	MOP SINK	1	2.0	2.0
TOTAL FIXTURE UNITS				17.5
PER CPC CHART A-3 AT 17.5 F.U. EQUATES TO 15 GPM. BASED ON 2022 C.P.C. APPENDIX A, CHART A-5 (E) 1" WATER PIPE IS OK.				

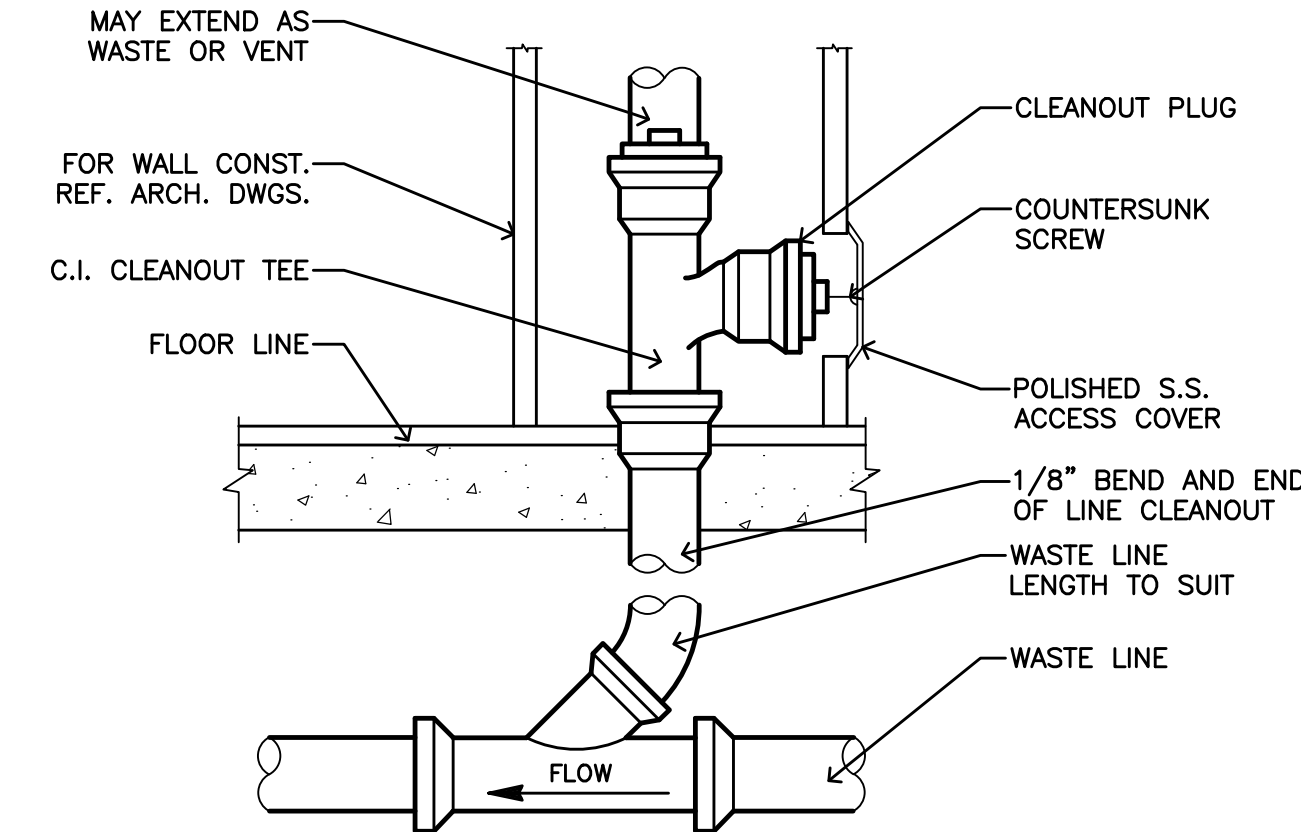
TABLE 12-3 SUPPORT OF PIPING			
STEEL PIPE, NOMINAL SIZE OF PIPE (in.)	SPACING OF SUPPORTS (ft.)	NOMINAL SIZE OF TUBING SMOOTH-WALL (in. O.D.)	SPACING OF SUPPORTS (ft.)
1/2	6	1/2	4
3/4 OR 1	8	5/8 OR 3/4	6
1 1/4 OR LARGER (HORIZONTAL)	10	7/8 OR 1 (HORIZONTAL)	8
1 1/4 OR LARGER (VERTICAL)	EVERY FLOOR LEVEL	1 OR LARGER (VERTICAL)	EVERY FLOOR LEVEL



FLOOR CLEANOUT DETAIL



PIPE HANGER DETAIL



WALL CLEANOUT DETAIL

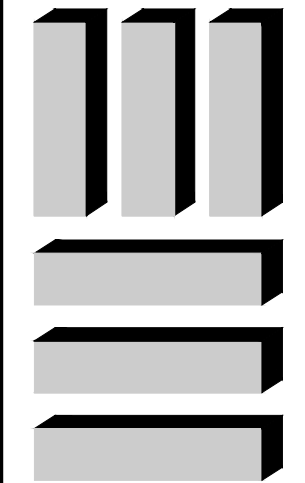
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MARTY YERBY REC. FACILITY
RENOVATIONS, CITY PROJECT 24-036
600 COLUMBIA STREET
TURLOCK, CA 95380

PLUMBING DETAILS



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edmond@moradengineering.com



DATE 03-15-25
PROJECT MANAGER EDMOND MORAD, P.E.
DRAWN BY JASON MORAD
JOB NUMBER

SHEET
P-3
OF SHEETS

The logo for RED ARCHITECTS INC. features the word "RED" in large, bold, white capital letters on a black square background. Below "RED", the word "INC" is written in smaller, white capital letters. To the right of the black square, the word "ARCHITECTS" is written vertically in white capital letters.

ARCHITECT OF RECORD



A000

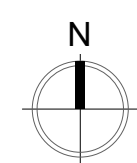
IF THIS SHEET IS NOT 30"x42", IT HAS BEEN RESIZED - DO NOT SCALE



AERIAL REFERENCE



EXISTING SITE ACCESSIBILITY



RENOVATIONS AT TURLOCK SENIOR CENTER

1191 CAHILL STREET
TURLOCK, CA 95380
CITY PROJECT NO. 24-036

PROJECT DETAILS

RED PROJECT NO: 24080
SUBMITTAL DATE: 3/21/2025

PROJECT REVISIONS

[illegible]

SHEET DETAILS

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CHECKED BY: BL
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SHEET TITLE


SITE REFERENCE


SHEET NUMBER

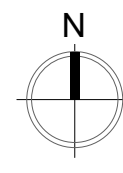
A001




A200

 KEYNOTE TAG

 INDICATES ITEM TO BE REMOVED



 EXISTING MASONRY WALL

 EXISTING INTERIOR PARTITION

TOILET ACCESSORIES

NOTE:

- OFOI - ALL ACCESSORIES WILL BE OWNER FURNISHED AND OWNER INSTALLED.
- SEE SHEET AD01 FOR LOCATIONS AND CLEARANCE REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES.
- ALL AUTOMATIC DISPENSERS SHALL BE BATTERY OPERATED

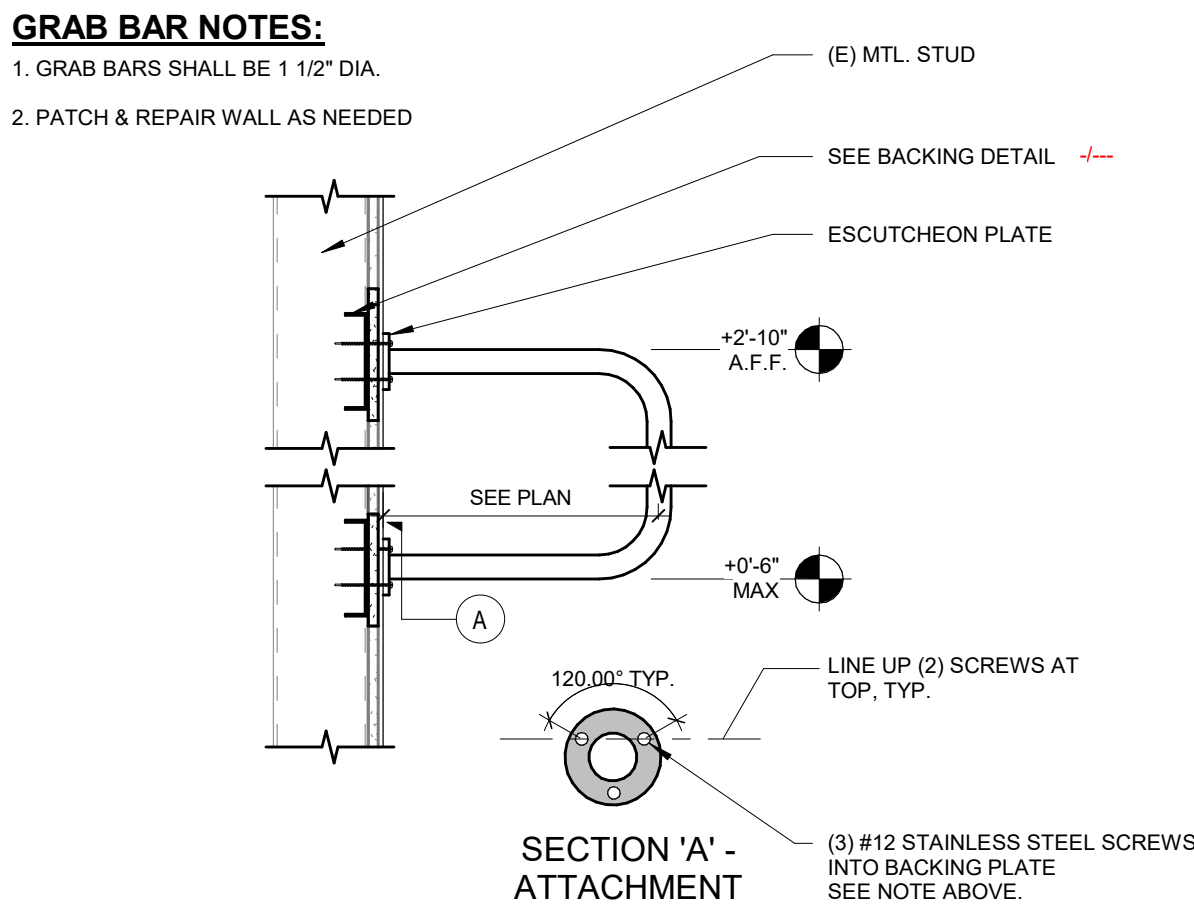
NOTE: SEE SHEET ADD1 FOR LOCATIONS AND CLEARANCE
REQUIREMENTS FOR RESTROOM FIXTURES AND ACCESSORIES

- A. ALL DIMENSIONS ARE TO FACE OF STUD (FOF) AT NEW OR EXISTING FLOOR OR FACE OF STUD (FOF) AT EXISTING WALLS. UNLESS NOTED OTHERWISE.
- B. ALL CONTROL IN PUBLIC SPACE MUST HAVE A 30X48" MINIMUM GLASS FLOOR PLATE. APPROACHES TO GLASS FLOOR PLATE APPROACH: CONTROLS MOUNTED OVER AN OBSTRUCTION SHALL BE 48" MINIMUM CLEARANCE TO TOP OF OBSTRUCTION WITHIN 48" AFF. IF PARALLEL APPROACH IS PROVIDED, APPROACHES TO GLASS FLOOR PLATE SHALL BE 48" MINIMUM FORWARD APPROACH. CONTROLS MUST NOT REQUIRE GRASPING, PULLING OR TWISTING OF THE WRIST. SEE SHEETS **AD01-AD03**.
- C. ALL SIGNS IDENTIFYING PERMANENT ROOMS OR SPACES SHALL BE MOUNTED TO WALLS OR PARTITION WALLS AND BRALLE AND TO BE MOUNTED ON LATCH SIDE OF DOOR WITH THE LOWEST TACTILE CHARACTERS NO LOWER THAN 48" AFF. TACTILE CHARACTERS NO LOWER THAN 60" AFF.
- D. DIRECTIONAL SIGNAGE - DISPLAY IN ALL HALLWAYS AND COMMON AREAS. PROVIDE DIRECTIONAL SIGNAGE TO SIGNAGE TO ALL APPROPRIATE AREAS - SEE ACCESSIBILITY FOR PUBLIC SPACES FOR MORE INFORMATION.
- E. ALL EQUIPMENT, FURNITURE AND MILLWORK INTENDED FOR PUBLIC USE MUST MEET ALL CLEARANCES AND REACH RANGES AS DEFINED BY THE GOVERNING ACCESSIBILITY CODE OR LOCAL CODE - WHICHEVER IS STRICTER.
- F. ALL DATA AND POWER RECEPTACLES IN PUBLIC SPACES SHALL BE ACCESSIBLE FOR PUBLIC USE WITHIN REACH RANGES WITHIN ACCESSIBLE REACH RANGES - REFER TO GENERAL NOTES.
- G. SEE ACCESSIBILITY DETAILS SHEETS **AD01 - AD03** FOR ADDITIONAL REQUIREMENTS FOR PUBLIC SPACES AND EQUIPMENT.
- H. PROVIDE ACCESSIBLE FLOOR TRANSITIONS AT ALL LOCATIONS WHERE THERE IS A CHANGE IN FLOORING MATERIAL OR AT DOOR THRESHOLDS. THE CHANGE OF FLOORING BETWEEN MATERIALS SHALL BE WITHIN 1/4" OR UP TO 1/2" IF SLOPED AT 1:2 - SEE DETAIL **12AD02**.

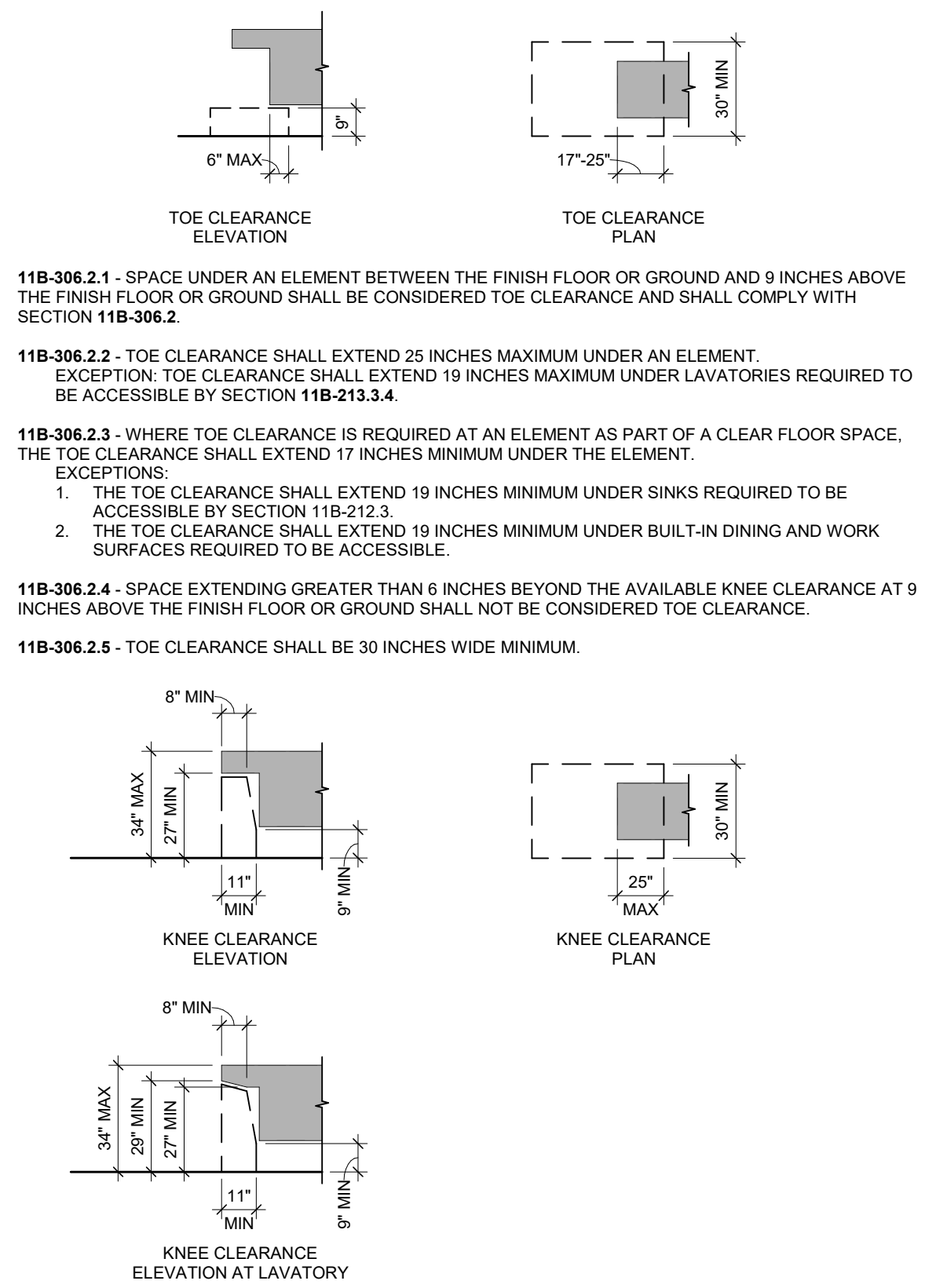
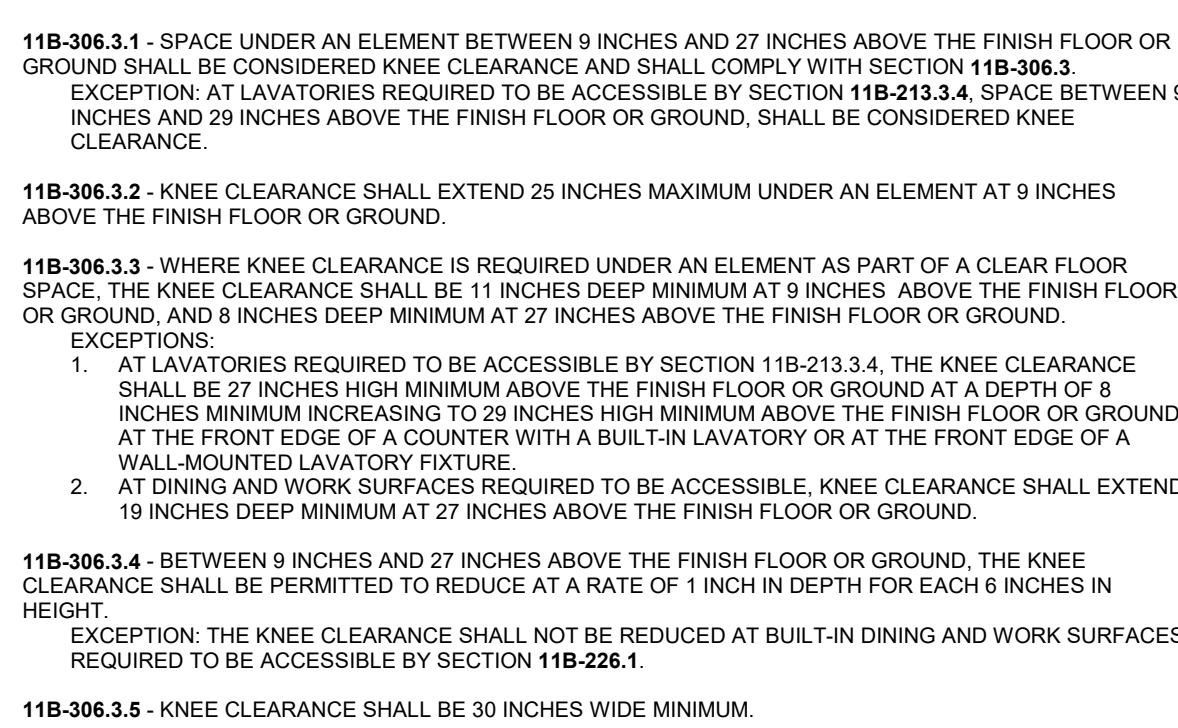
WALL LEGEND

A201

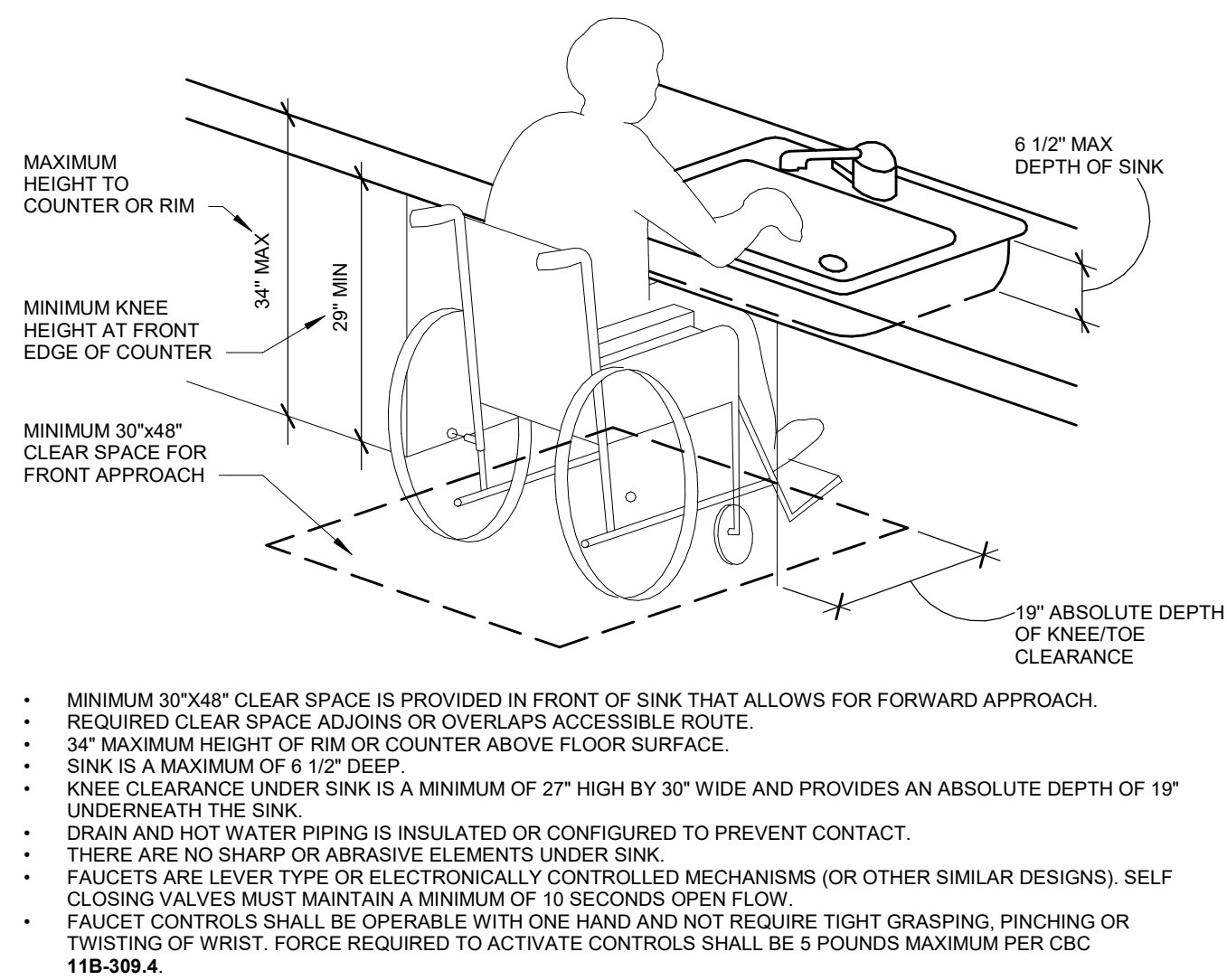
10 GUARDRAIL ATTACHMENT



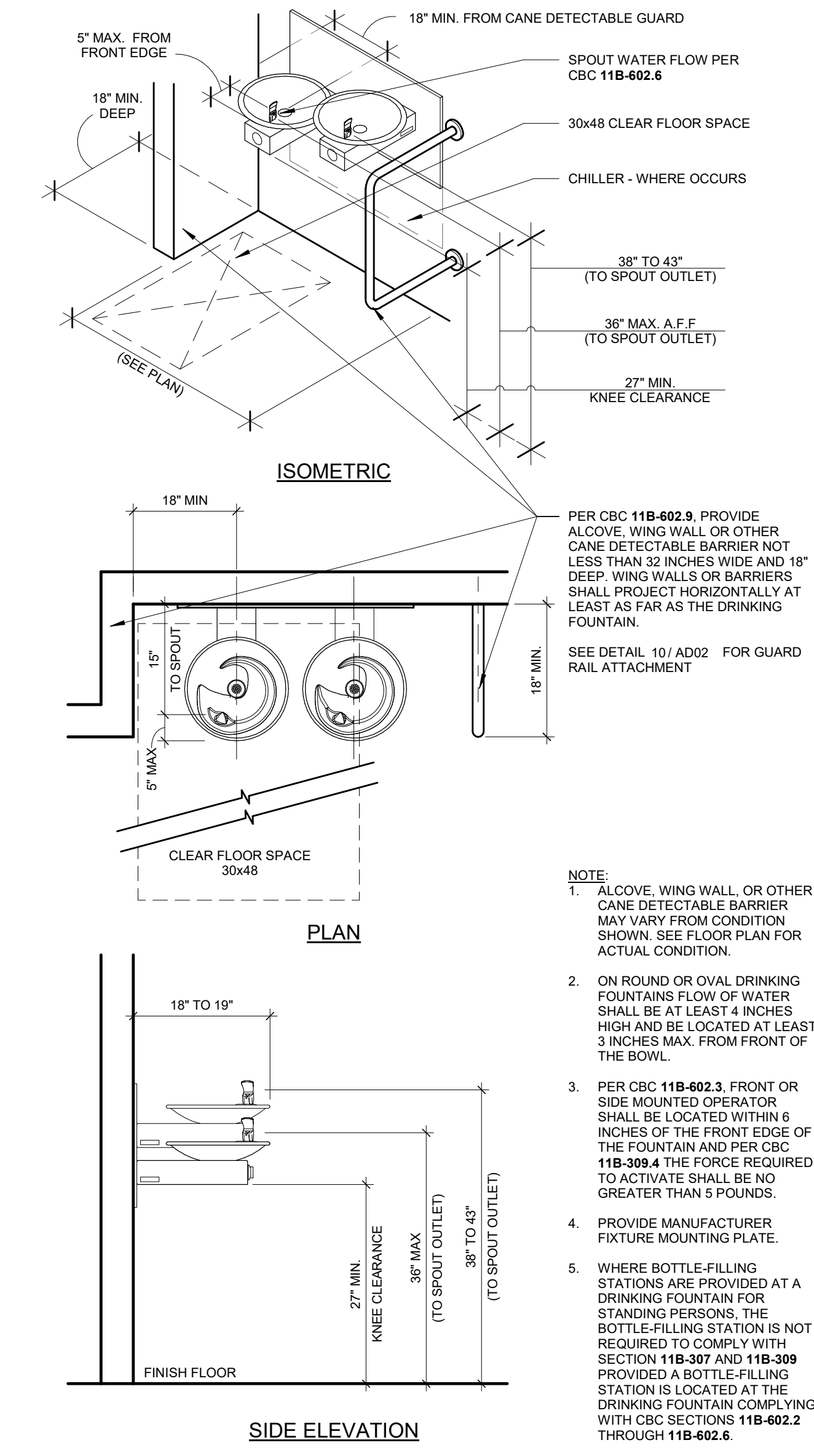
9 KNEE AND TOE CLEARANCE



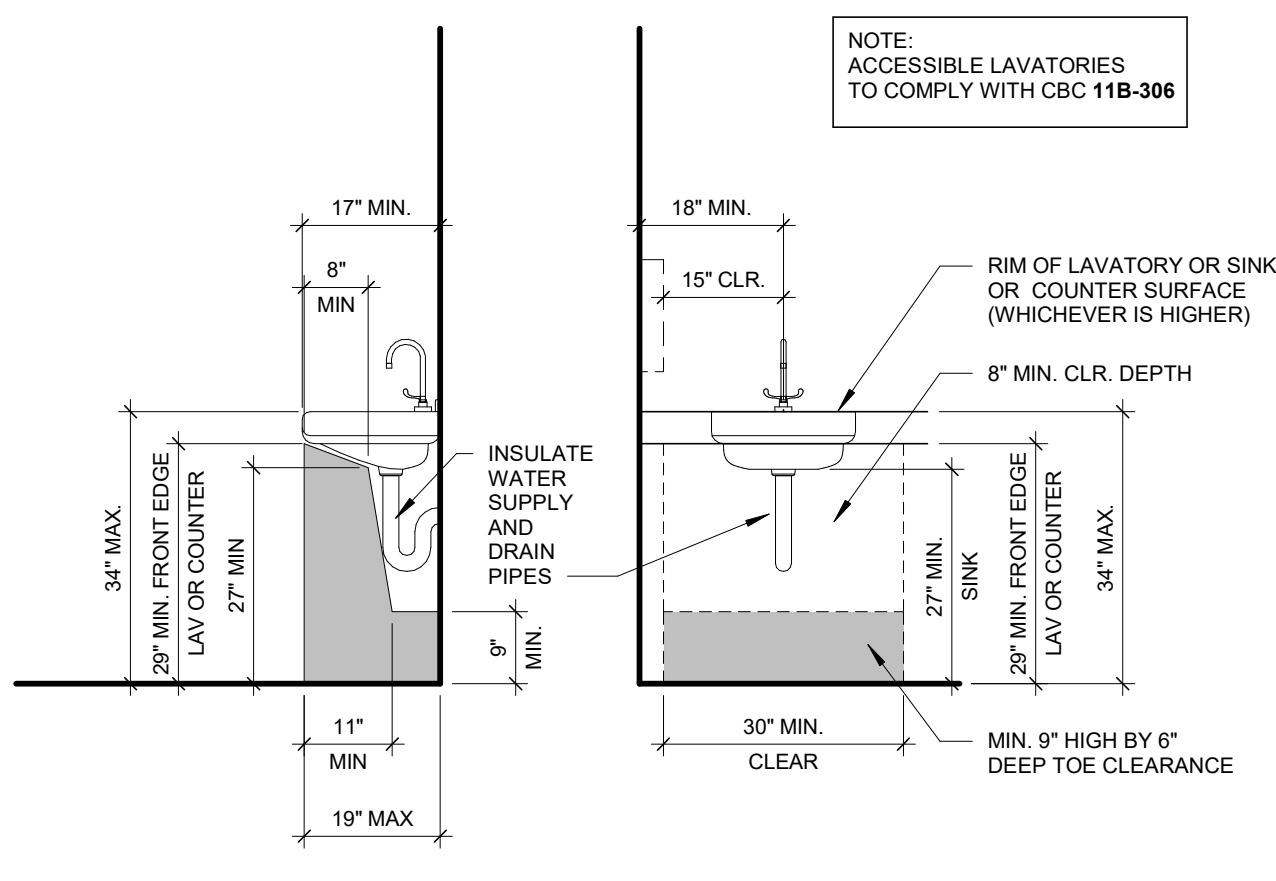
7 ACCESSIBLE TOILET WITH ACCESSORIES



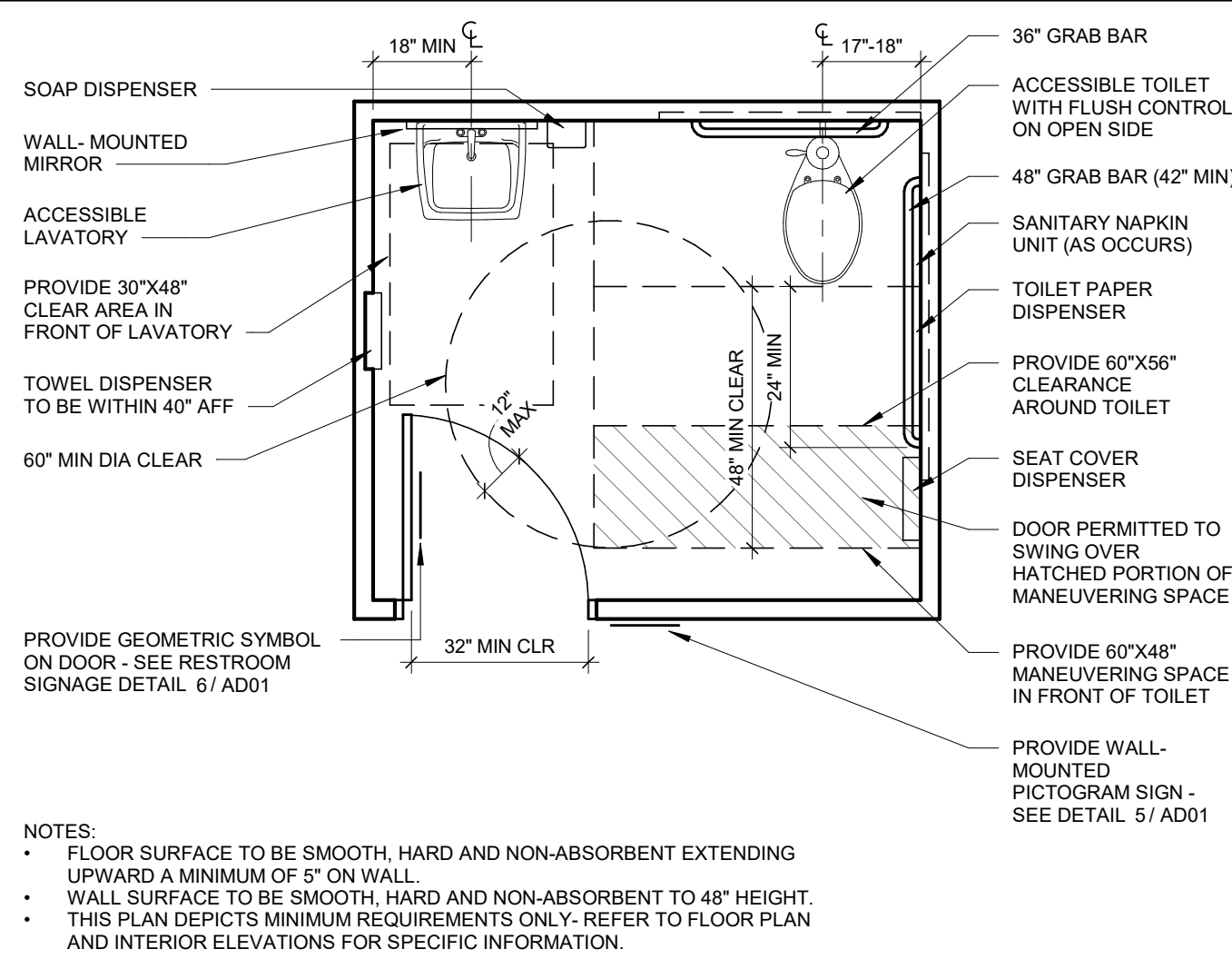
6 DRINKING FOUNTAIN



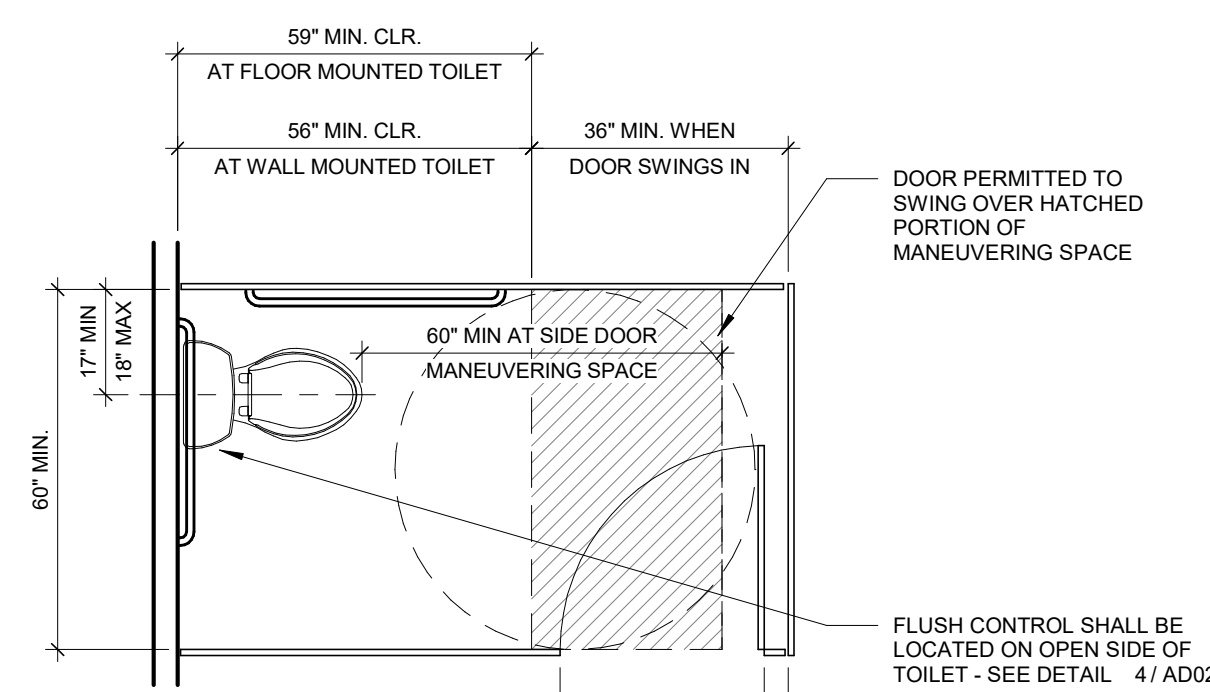
5 LAVATORY CLEARANCES



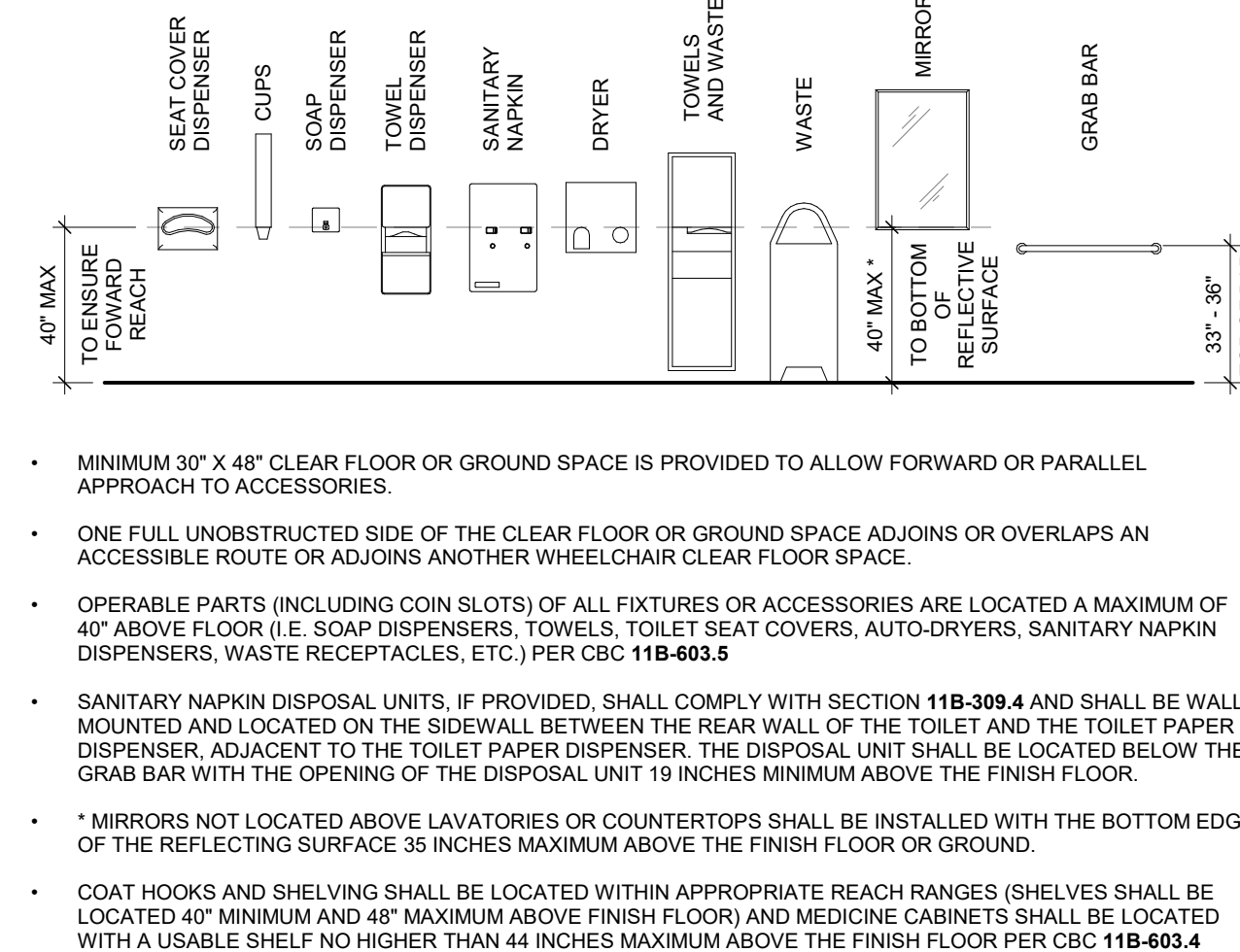
4 ADA - RESTROOM NOTES



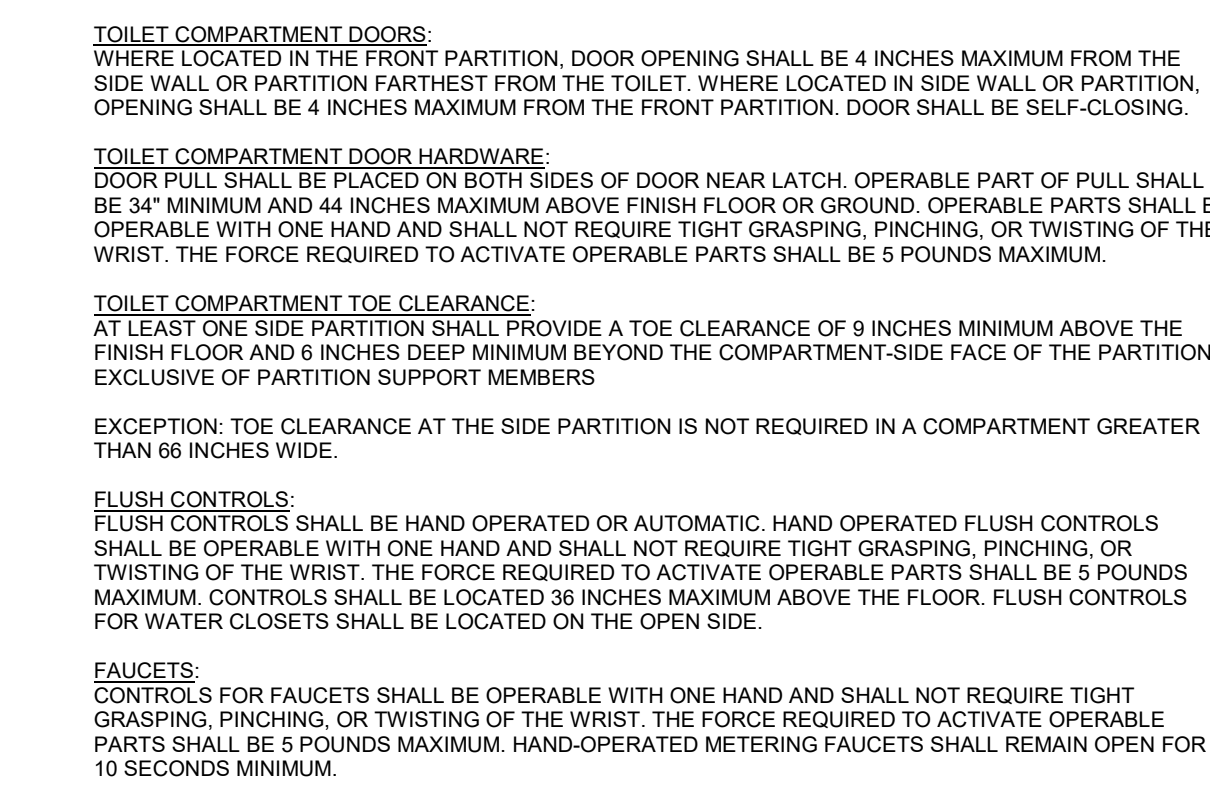
1 SINGLE ACCOMMODATION



2 TOILET STALL CLEARANCES



3 ACCESSORIES MOUNTING



PROJECT REVISIONS	
DATE	DESCRIPTION

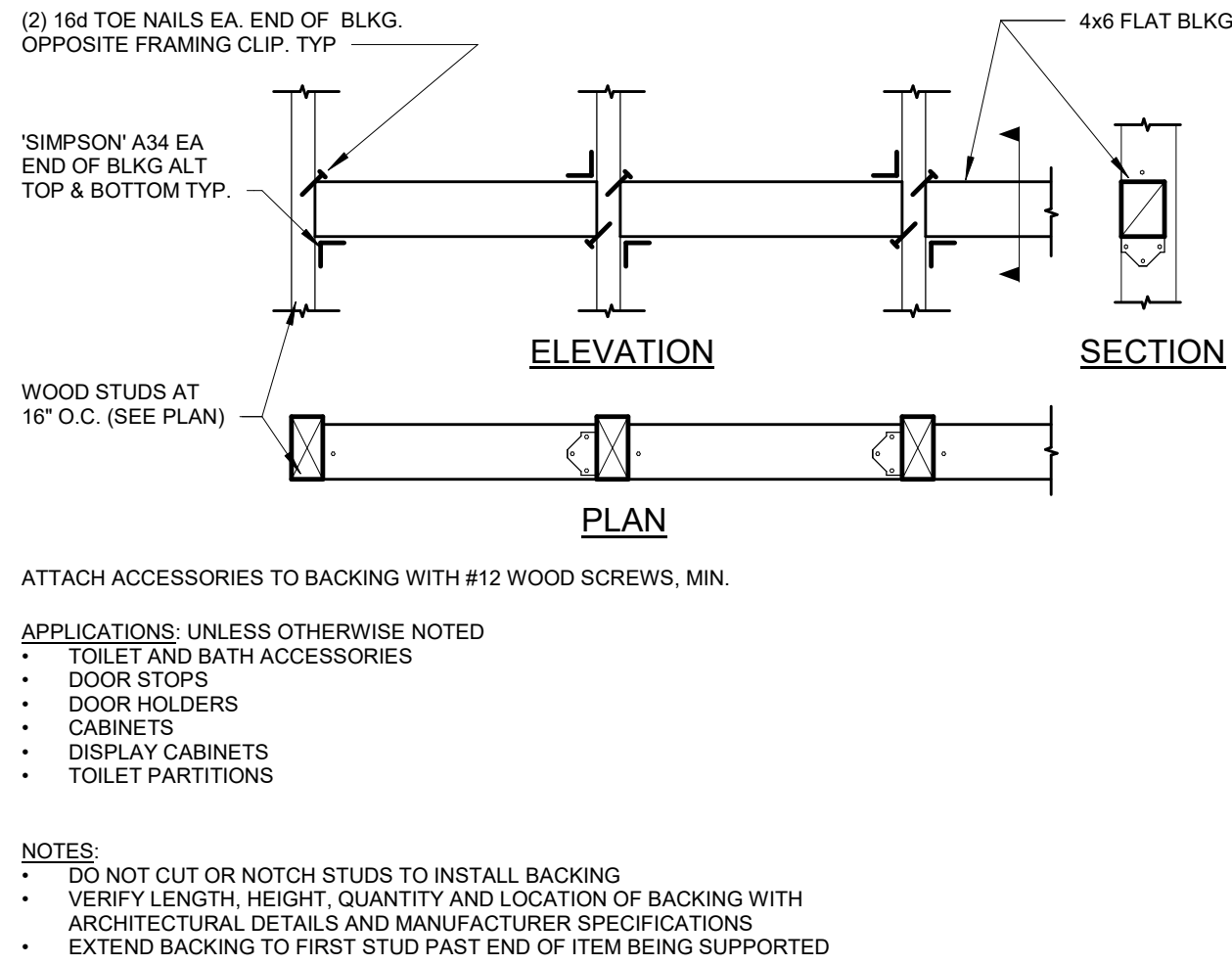
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IF THIS SHEET IS NOT 30"x42", IT HAS BEEN RESIZED - DO NOT SCALE

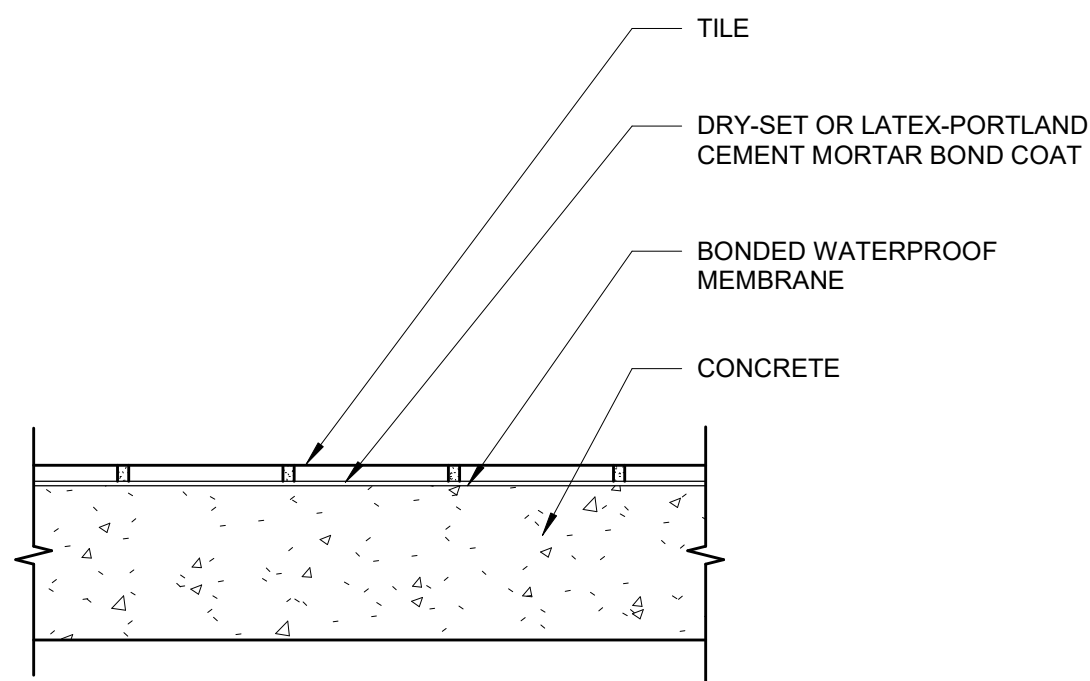
7 WOOD BACKING - WOOD STUD

1" = 1'-0"



6 TILE AT CONCRETE FLOOR

3" = 1'-0"

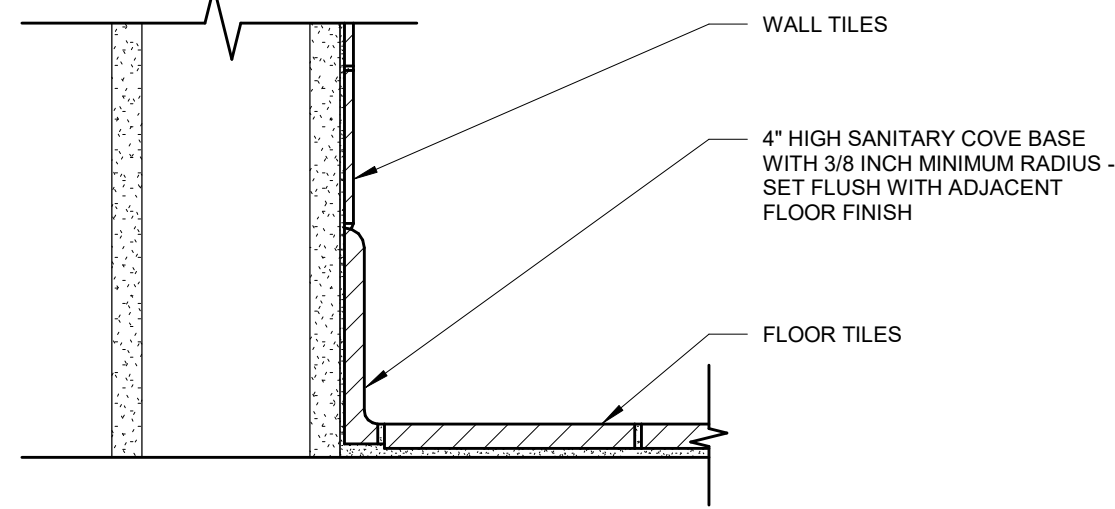


4 CHANGES IN FLOOR MATERIAL

3" = 1'-0"

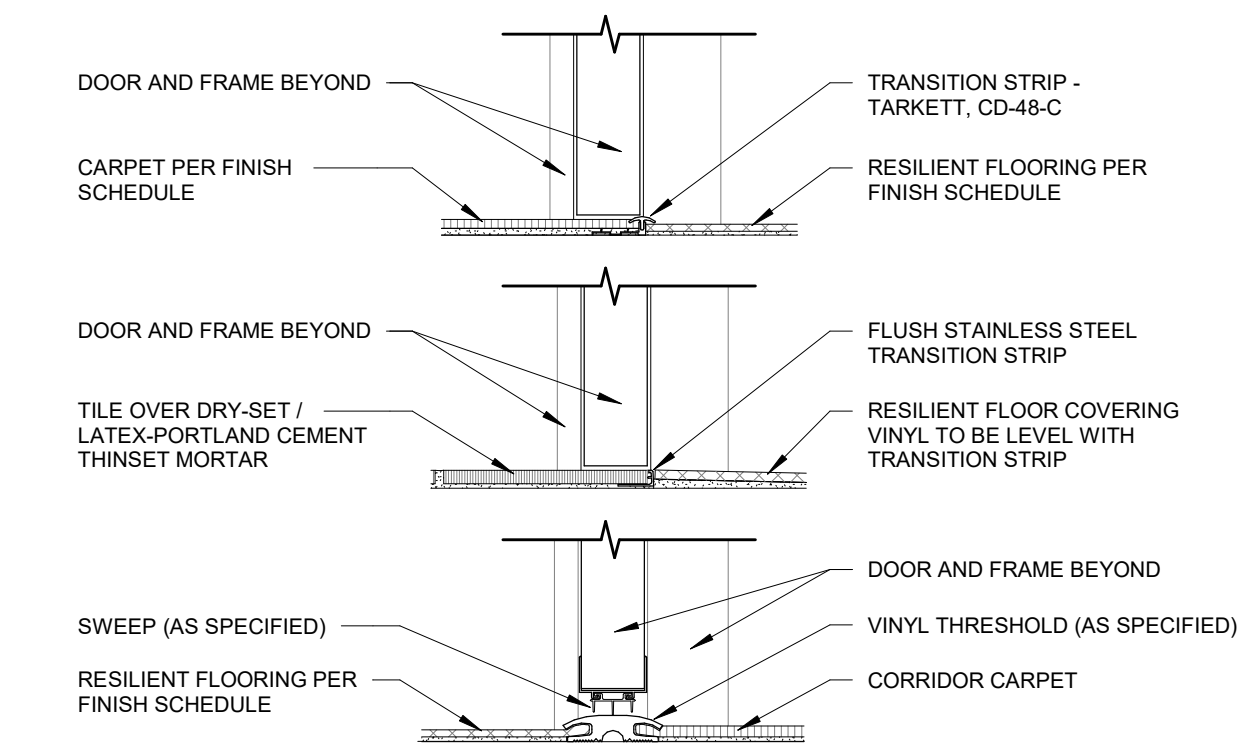
QUARRY TILE AND CERAMIC TILE:

- TOPSET COVE BASE TILE IS NOT PERMITTED.
- MINIMUM TILE THICKNESS IS 1/4 INCH.
- WHEN AN ABRASIVE TILE OR RAISED TREAD PATTERN TILE IS USED IT MAY ONLY BE INSTALLED IN WALKWAYS. FLOOR DRAINS MAY BE REQUIRED DEPENDING ON THE TYPE OF ABRASIVE TILE PROPOSED.
- FLOOR DRAINS ARE REQUIRED WHEN RAISED TREAD PATTERN TILES ARE INSTALLED.



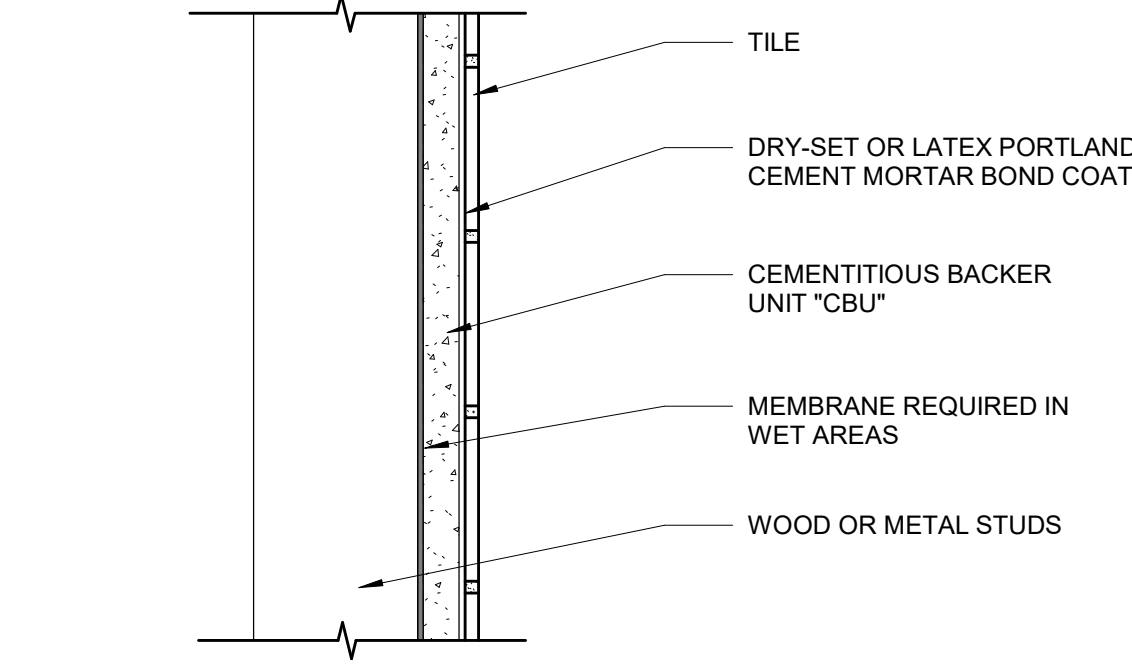
5 TILE AT COVE BASE

3" = 1'-0"



3 TILE AT WALL

3" = 1'-0"



NOTE: USE THE CURRENT EDITION OF THE TILE COUNCIL OF NORTH AMERICA HANDBOOK

2 TILE EXP. JOINT NOTES

1 1/2" = 1'-0"

MOVEMENT JOINTS - VERTICAL AND HORIZONTAL. ARCHITECT, BUILDER, OR DESIGN PROFESSIONAL MUST SPECIFY MOVEMENT JOINTS AND SHOW LOCATION AND DETAILS ON DRAWINGS. MOVEMENT JOINT DESIGN ESSENTIALS EJ171-07. USE EXPANSION JOINT DETAILS FOR CONTROL, CONTRACTION, AND ISOLATION JOINTS - SEE DETAIL 1/AD03.

GUIDELINES:

- INTERIOR - 20' TO 25' IN EACH DIRECTION.
- EXTERIOR - 10' TO 12' IN EACH DIRECTION.
- INTERIOR TILEWORK EXPOSED TO DIRECT SUNLIGHT OR MOISTURE - 8' TO 12' IN EACH DIRECTION.
- WHERE TILEWORK MEETS RESTRAINING SURFACES SUCH AS PERIMETER WALLS, DISSIMILAR FLOORS, CURBS, COLUMNS, PIPES, CEILING, AND WHERE CHANGES OCCUR IN BACKING MATERIALS, NOT AT DRAIN STRAINERS.
- ALL EXPANSION, CONTROL, CONTRACTION, COLD, AND SEISMIC JOINTS IN THE STRUCTURE SHOULD CONTINUE THROUGH THE TILEWORK, INCLUDING JOINTS AT VERTICAL SURFACES.
- JOINTS THROUGH TILEWORK DIRECTLY OVER STRUCTURAL JOINTS MUST NEVER BE NARROWER THAN THE STRUCTURAL JOINT.

EXPANSION JOINT WIDTH (VERTICAL AND HORIZONTAL)

- EXTERIOR (ALL TILE) - MINIMUM 3/8" FOR JOINTS 8' ON CENTER, MINIMUM 1/2" FOR JOINTS 12' ON CENTER. MINIMUM WIDTHS MUST BE INCREASED 1/16" FOR EACH 12' F TILE SURFACE TEMPERATURE CHANGE GREATER THAN 100° F BETWEEN SUMMER HIGH AND WINTER LOW. (DECKS EXPOSED TO THE SKY IN NORTHERN U.S.A. USUALLY REQUIRE 3/4" WIDE JOINTS ON 12' CENTERS).
- INTERIOR FOR QUARRY TILE AND PAVER TILE - SAME AS GROUT JOINT, BUT NOT LESS THAN 1/4".
- INTERIOR FOR CERAMIC MOSAIC TILE AND GLAZED WALL TILE - PREFERRED NOT LESS THAN 1/4", BUT NEVER LESS THAN 1/8".

PREPARATION

- TILE EDGES TO WHICH SEALANT WILL BOND MUST BE CLEAN AND DRY. SANDING OR GRINDING OF THESE EDGES IS RECOMMENDED TO OBTAIN OPTIMUM SEALANT BOND.
- PRIMER ON THESE TILE EDGES IS MANDATORY WHEN RECOMMENDED BY THE SEALANT MANUFACTURER. CARE MUST BE TAKEN TO KEEP PRIMER OFF TILE FACES.

MATERIALS

- BACKUP STRIP SHALL BE A FLEXIBLE AND COMPRESSIBLE TYPE OF CLOSED-CELL FOAM POLYETHYLENE, BUTYL RUBBER, OR OPEN CELL AND CLOSED CELL POLYURETHANE, ROUNDED AT SURFACE TO CONTACT SEALANT, AS SHOWN IN THE EXPANSION JOINT DETAILS, AND AS RECOMMENDED BY SEALANT MANUFACTURERS. IT MUST FIT NEATLY INTO THE JOINT WITHOUT COMPACTING AND TO SUCH A HEIGHT TO ALLOW A SEALANT DEPTH OF 1/2 THE WIDTH OF THE JOINT. SEALANT MUST NOT BOND TO THE BACKUP MATERIAL.
- SUITABLE SEALANTS INCLUDE SILICONE, URETHANE, AND POLYSULFIDE. GENERALLY URETHANE SEALANTS ARE RECOMMENDED FOR EXTERIOR VERTICAL TILE SURFACES AND BOTH EXTERIOR AND INTERIOR HORIZONTAL TILE SURFACES, INCLUDING TILED TRAFFIC AREAS. SEALANTS IN TRAFFIC AREAS REQUIRE A SHORE A HARDNESS OF 30 OR GREATER.
- SILICONE SEALANTS MAY BE USED ON BOTH EXTERIOR AND INTERIOR VERTICAL TILE SURFACES. SINGLE-COMPONENT, MILDEW-RESISTANT SILICONE SEALANTS ARE FORMULATED WITH FUNGICIDE FOR SEALING INTERIOR JOINTS IN CERAMIC TILE SHOWERS, AND AROUND TUBS, SINKS AND PLUMBING FIXTURES.
- USE SEALANTS COMPLYING WITH ASTM D200, WHICH DESIGNATES SEALANTS ACCORDING TO TYPE, GRADE, CLASS, AND USES. THE FOLLOWING ARE SUITABLE FOR USE IN TILEWORK:
 - TYPE S - SINGLE-COMPONENT SEALANT
 - TYPE M - MULTICOMPONENT SEALANT
 - GRADE P - SEALANTS FOR JOINTS ON HORIZONTAL SURFACES
 - GRADE NS - NON-SAGGING SEALANTS FOR JOINTS IN VERTICAL SURFACES.

CLASS 25 AND 12 1/2 - IDENTIFIES SEALANTS WHICH CAN WITHSTAND AN INCREASE AND DECREASE OF +/- 25% OR +/- 12 1/2% OF JOINT WIDTH.

- USE T-USE IN JOINTS SUBJECTED TO PEDESTRIAN AND VEHICLE TRAFFIC.
- USE NT SEALANTS FOR NONTRAFFIC EXPOSURES.
- USES M AND G-SEALANTS THAT WILL REMAIN ADHERED TO MORTAR (M) AND GLASS (G) ARE SUITABLE FOR USE WITH TILEWORK.
- SOME SEALANTS REQUIRE EDGE PRIMING. CONSULT MANUFACTURER'S SPECIFICATIONS.
- MANUFACTURED/PREFORMED JOINT PROFILES ARE AVAILABLE. CONSULT MANUFACTURER.

COLD JOINTS

- COLD JOINTS ARE FORMED PRIMARILY BETWEEN SLAB POURS WHERE THE SIZE OF A CONCRETE SLAB MAY BE TOO LARGE TO BE POURED AT ONE TIME. THE REMAINDER OF THE SLAB WOULD BE POURED AT A LATER TIME, FORMING A COLD JOINT BETWEEN THE TWO SECTIONS. SUCH JOINTS SHOULD BE SHOWN ON ARCHITECTURAL DRAWINGS.
- A COLD JOINT BECOMES A WEAKENED JOINT THAT, UPON MOVEMENT, WILL CRACK, PERMITTING LEAKAGE OR BUCKLING AND CRACKING OF A TILE FLOOR SET OVER THE SLAB.
- SOME LARGE SLABS ON-GRADE ARE POURED MONOLITHICALLY, THEN LATER SAW-CUT AND INTERVALS, PROVIDING CONTROL/CONTRACTION JOINTS TO ALLOW CRACKING AT THESE WEAKENED POINTS.

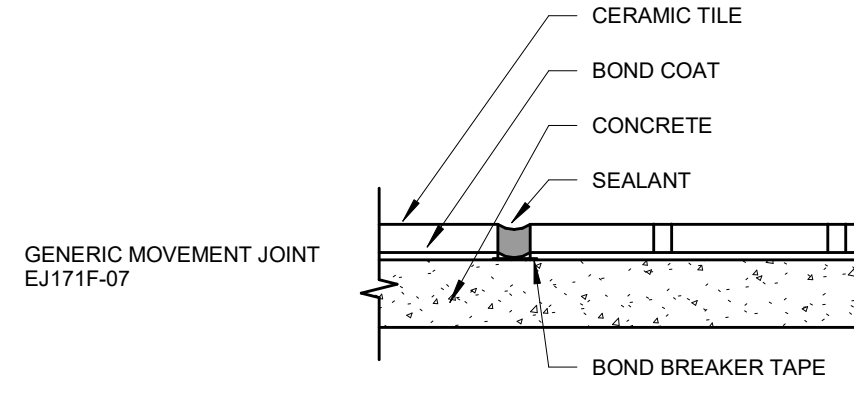
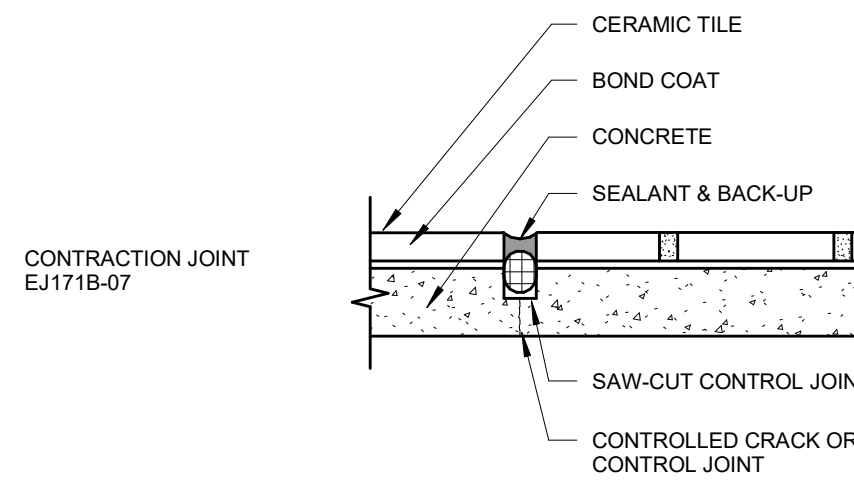
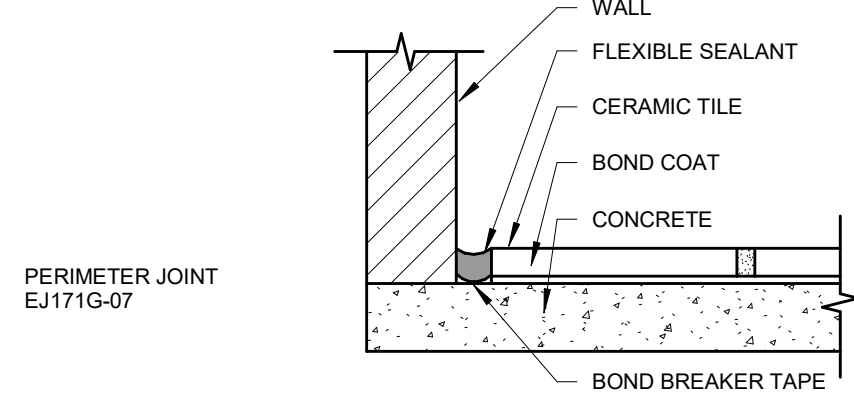
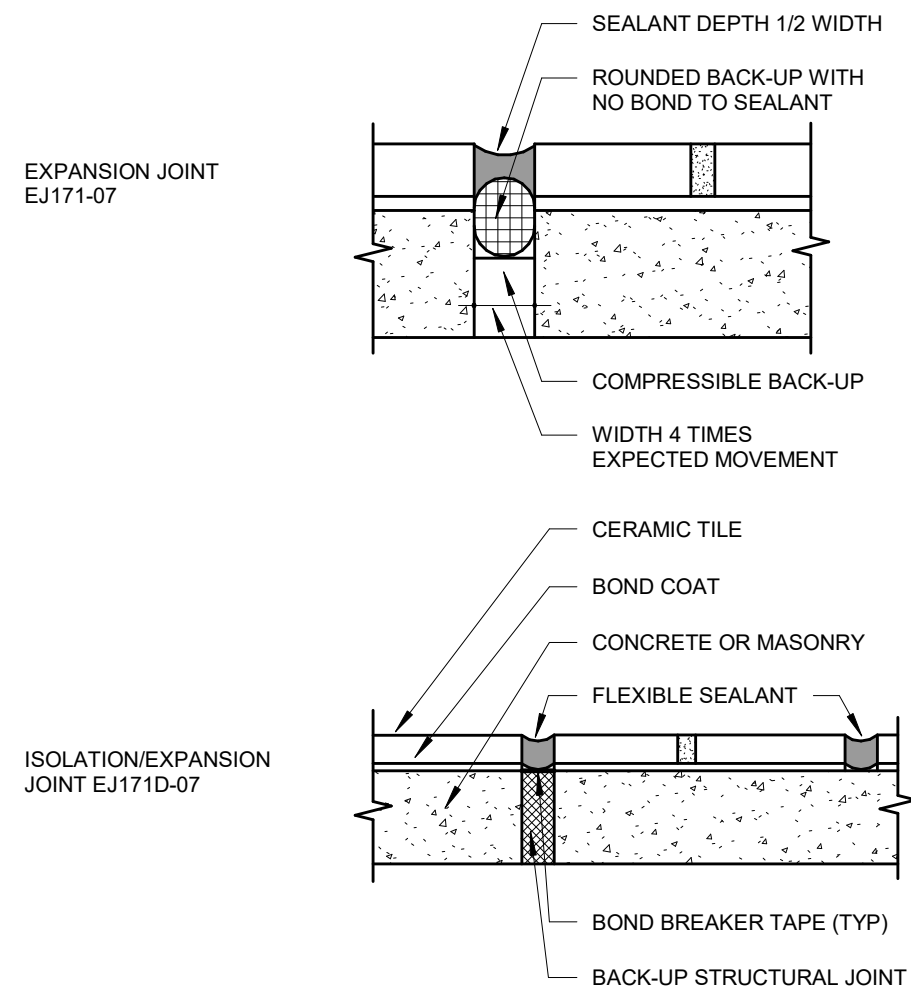
INSTALLATION

- MOVEMENT JOINTS IN TILE SHOULD BE LOCATED OVER ALL COLD JOINTS AND SAW-CUT CONTROL JOINTS.
- JOINTS IN TILE AND SETTING MATERIALS SHALL NEVER BE LESS THAN THE WIDTH OF THE SAW-CUT CONTROL JOINT WIDTH. PREPARATION AND INSTALLATION SHALL BE AS REQUIRED FOR MOVEMENT JOINTS.
- TO INSURE THAT LOCATION OF JOINTS IN TILEWORK ALIGN WITH EXISTING JOINTS IN SUBSTRATE, JOINTS IN TILEWORK SHOULD BE CONSTRUCTED DURING INSTALLATION OF MORTAR BEDS AND/OR TILE, RATHER THAN SAW-CUTTING JOINTS AFTER INSTALLATION.
- KEEP MOVEMENT JOINT CAVITIES OPEN AND FREE OF DIRT, DEBRIS, GROUT, MORTAR AND SETTING MATERIALS.
- SET COMPRESSIBLE BACKUP STRIP WHEN MORTAR IS PLACED OR UTILIZE REMOVABLE WOOD STRIP TO PROVIDE SPACE FOR BACKUP AFTER MORTAR HAS CURED.
- INSTALL SEALANT AFTER TILEWORK AND GROUT ARE DRY. FOLLOW SEALANT MANUFACTURER'S RECOMMENDATIONS.
- REFER TO ANSI TILE INSTALLATION SPECIFICATION.

NOTES:

- PREPARATION OF OPENINGS LEFT BY THE TILE CONTRACTOR AND INSTALLATION OF BACKUP STRIP AND SEALANT SHOULD BE SPECIFIED IN THE CAULKING AND SEALANT SECTION OF THE JOB SPECIFICATION.

THE PERFORMANCE REQUIREMENTS OF CERTAIN SPECIAL LOCATIONS, SUCH AS EXTERIOR SWIMMING POOLS, BARRIES, FOOD PLANTS, ETC. MAY EXCEED THE MINIMUM REQUIREMENTS OF THE SEALANT SPECIFICATION GIVEN ABOVE. THEREFORE, FOLLOW RECOMMENDATIONS OF EXPERIENCED MANUFACTURERS AS TO SPECIFIC SEALANTS SUITABLE IN THE JOB ENVIRONMENT. IN SOME ENVIRONMENTS, A PROGRAM FOR REGULAR MAINTENANCE OF SEALANT IN JOINTS MAY BE REQUIRED.



NOTE: USE THE CURRENT EDITION OF THE TILE COUNCIL OF NORTH AMERICA HANDBOOK

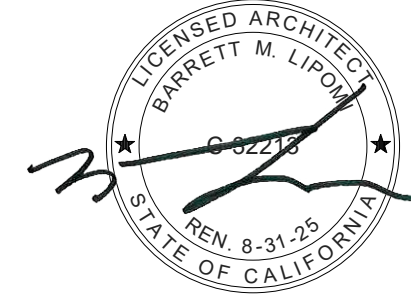
1 TILE EXPANSION JOINTS

1 1/2" = 1'-0"



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ARCHITECT OF RECORD



CONSULTING ENGINEER

BP # 25-0495

RENOVATIONS AT TURLOCK SENIOR CENTER

1191 CAHILL STREET
TURLOCK, CA 95380
CITY PROJECT NO. 24-036

PROJECT DETAILS

RED PROJECT NO. 24080
SUBMITTAL DATE: 3/21/2025

PROJECT REVISIONS

DATE	DESCRIPTION

SHEET DETAILS

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CHECKED BY: BL
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SHEET TITLE

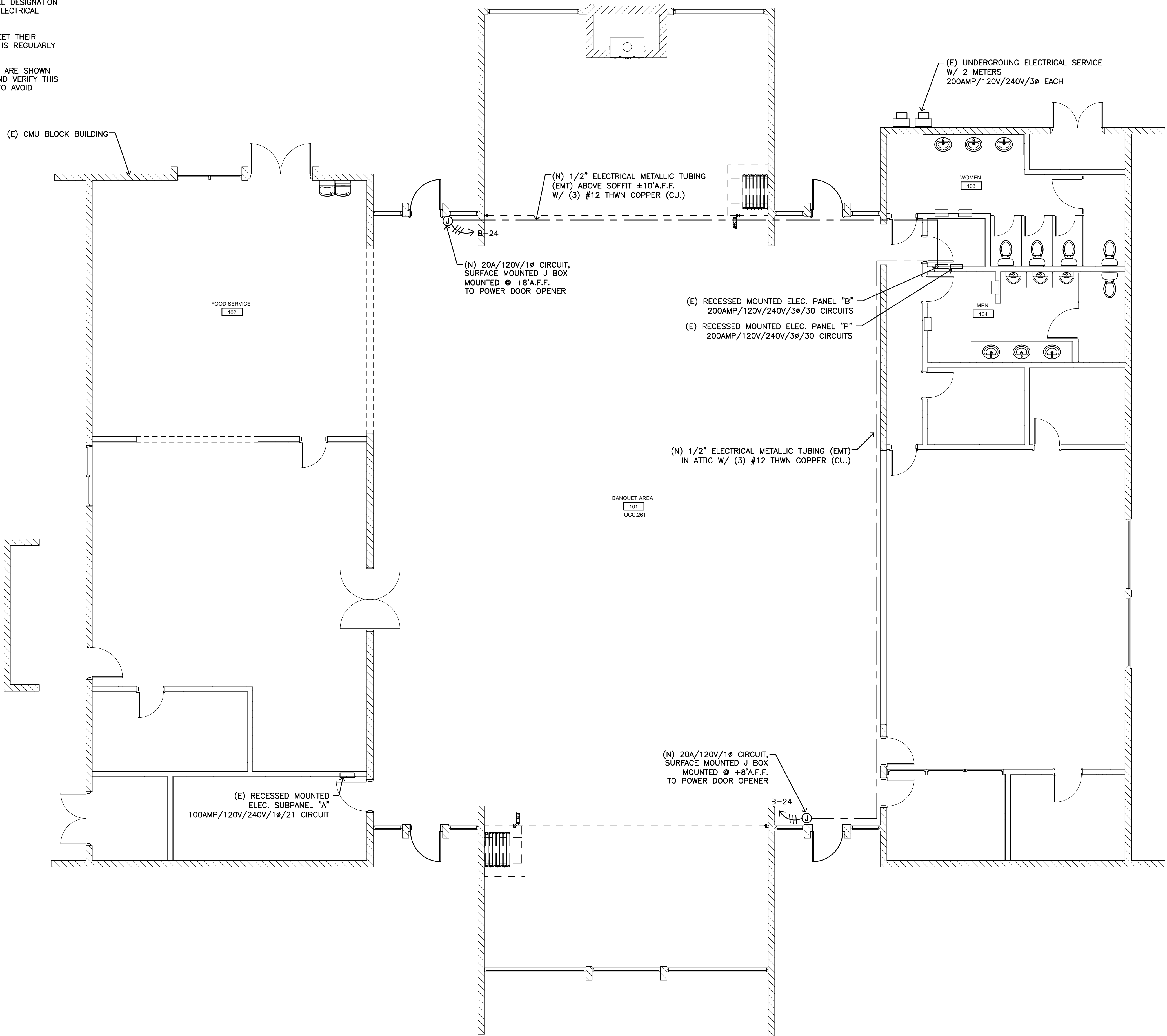
WALL AND FINISH DETAILS

SHEET NUMBER

AD03

ELECTRICAL NOTES:

1. ALL WIRING SHALL BE 3-12GA THWN COPPER (CU.) W/ 1/2" ELECTRICAL METALLIC TUBING (EMT), UNLESS OTHERWISE NOTED.
2. ALL ELECTRICAL WIRING AND BONDING SHALL MEET 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.).
3. ALL EQUIPMENT GROUNDING SHALL CONFORM TO ARTICLE 250 OF 2022 CALIFORNIA ELECTRICAL CODE (C.E.C.).
4. DRAWINGS INDICATE THE LOCATION OF DEVICES, FIXTURES AND EQUIPMENT AND THE CIRCUIT NUMBER AND PANEL DESIGNATION WHICH SUPPLIES THEM. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETELY CONNECTING ALL ELECTRICAL DEVICES TO CIRCUITS INDICATED ON THE DRAWINGS.
5. ALL ELECTRICAL MATERIALS SHALL BE NEW AND LISTED WITH THE UNDERWRITERS' LABORATORIES, INC. SHALL MEET THEIR REQUIREMENTS AND SHALL BEAR THEIR LABEL WHEREVER STANDARDS HAVE BEEN ESTABLISHED LABEL SERVICE IS REGULARLY FURNISHED BY THAT AGENCY.
6. ELECTRICAL DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH THE SIZE AND LOCATIONS OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE. CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION AT THE SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR LAYING OUT AND INSTALLING HIS WORK TO AVOID INTERFERENCE WITH OTHER TRADES.



NO.	REVISION & DATE

TURLOCK SENIOR CENTER
RENOVATIONS, CITY PROJECT 24-036
1191 CAHILL STREET
TURLOCK, CA 95380

ELECTRICAL POWER PLAN



MORAD ENGINEERING
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DATE	03/15/25
PROJECT MANAGER	EDMOND MORAD, P.E.
DRAWN BY	JASON MORAD
JOB NUMBER	

SHEET
E-1
OF SHEETS

ELECTRICAL POWER PLAN

SCALE
3/16"=1'-0"