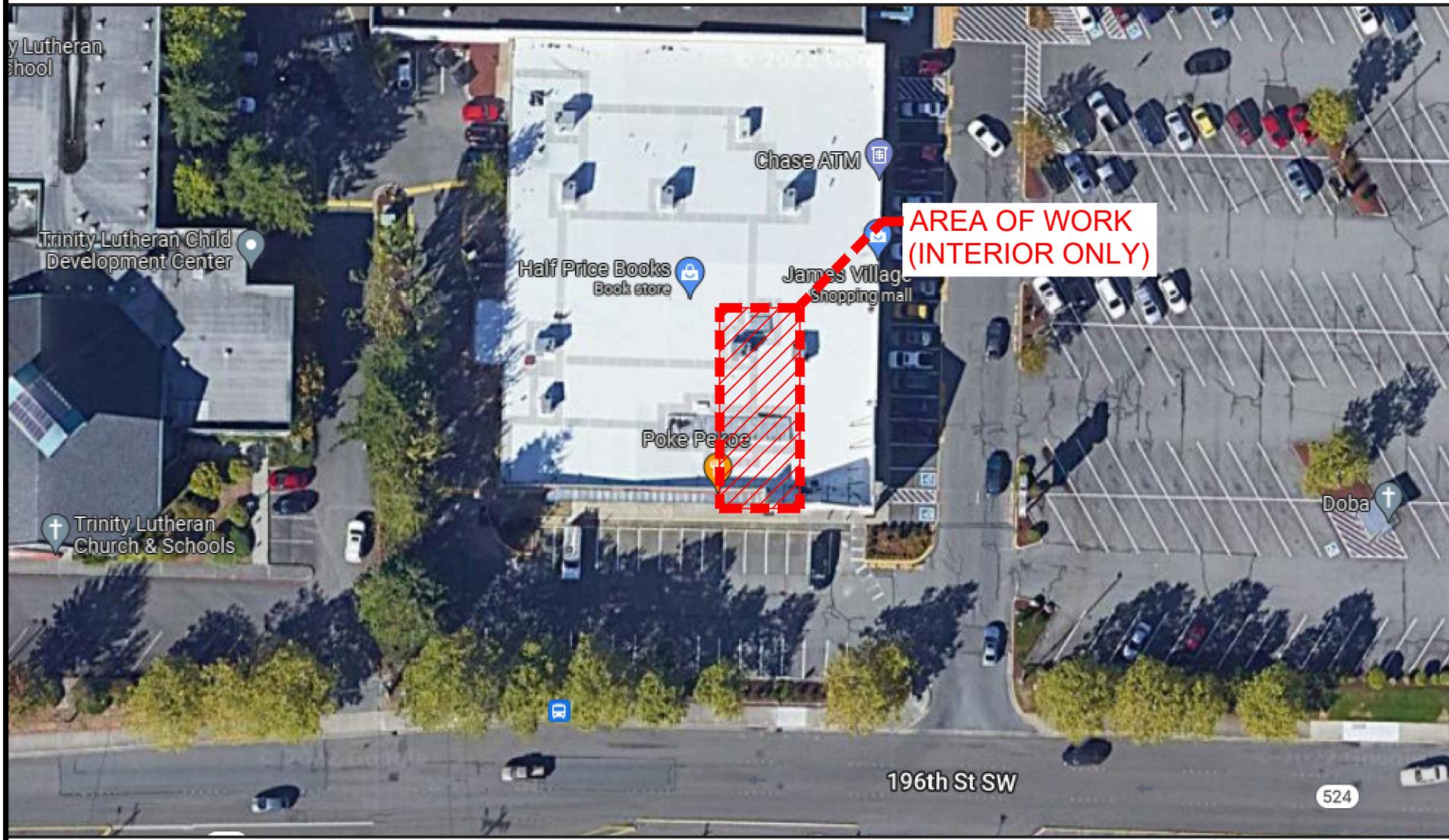


REFERENCE SITE PLAN



SPRING PEDIATRIC DENTISTRY AND ORTHODONTICS

19520 HWY 99, SUITE 101
LYNNWOOD, WA 98036

TENANT IMPROVEMENT BID SET
(NOT FOR CONSTRUCTION)

SITE PLAN
SCALE: 1" = 40'

DEFERRED SUBMITTALS

THE GENERAL CONTRACTOR (GC) SHALL BE RESPONSIBLE FOR VERIFYING EXISTING FIELD CONDITIONS AND COORDINATING ALL DEFERRED SUBMITTALS. THE GC'S SUBCONTRACTOR(S) SHALL BE RESPONSIBLE FOR VERIFYING COMPLIANCE WITH LOCAL AUTHORITIES AND ALL CURRENT CODES, REGULATIONS AND REQUIREMENTS.

THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THE DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL.

MECHANICAL / PLUMBING / MEDICAL GAS:

- THE MECHANICAL, MEDICAL GAS AND PLUMBING WORK FOR THE PROJECT SHALL BE PERFORMED AS DESIGN-BUILD. THE GC SHALL SUBMIT WITH THE BID A PROPOSED HVAC, PLUMBING AND MED GAS DRAWINGS THAT COORDINATES WITH THE ARCHITECTURAL DRAWINGS AND COMPLIES WITH ALL CODES, REGULATIONS AND REQUIREMENTS.
- THE GC'S MECHANICAL SUBCONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND SECURING ALL NECESSARY MECHANICAL PERMITS.
- THE GC'S PLUMBING SUBCONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND SECURING ALL NECESSARY PLUMBING PERMITS.
- THE GC'S MED GAS SUBCONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND SECURING ALL NECESSARY MED GAS PERMITS.

ELECTRICAL / LIGHTING / LOW VOLTAGE:

- THE ELECTRICAL, LIGHTING AND LOW VOLTAGE WORK FOR THE PROJECT SHALL BE PERFORMED AS DESIGN-BUILD. THE GC SHALL SUBMIT WITH THE BID A PROPOSED ELECTRICAL DRAWING THAT COORDINATES WITH THE ARCHITECTURAL DRAWINGS AND COMPLIES WITH ALL CODES, REGULATIONS AND REQUIREMENTS.
- THE GC'S ELECTRICAL SUBCONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND SECURING ALL NECESSARY ELECTRICAL PERMITS.

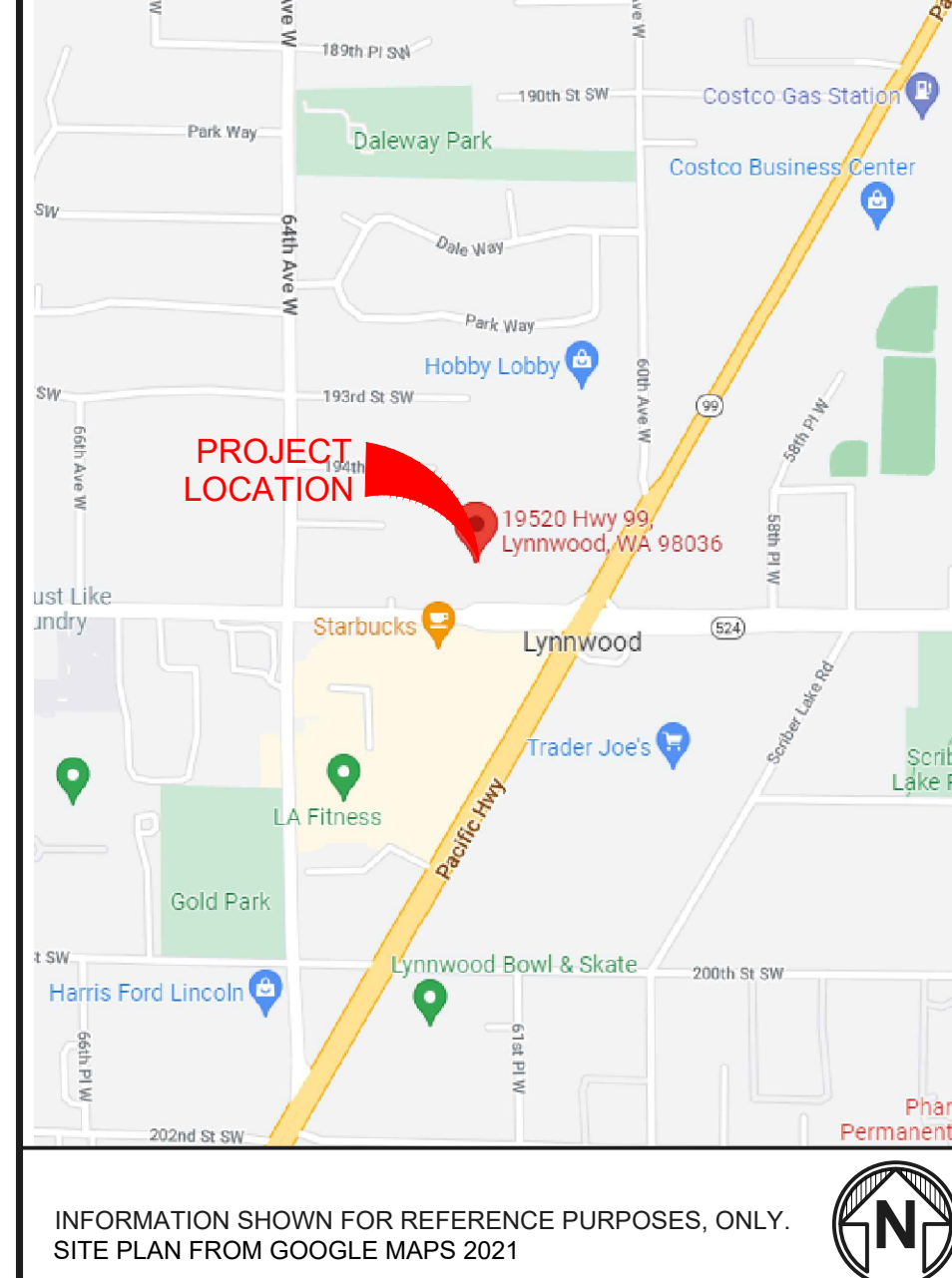
FIRE PROTECTION - SPRINKLER SYSTEMS / FIRE ALARM:

- THE FIRE PROTECTION, SPRINKLER SYSTEMS & FIRE ALARM WORK FOR THE PROJECT SHALL BE PERFORMED AS DESIGN-BUILD. THE GC SHALL SUBMIT WITH THE BID A PROPOSED FIRE PROTECTION DRAWING THAT COORDINATES WITH THE ARCHITECTURAL DRAWINGS AND COMPLIES WITH ALL CODES, REGULATIONS AND REQUIREMENTS.
- THE GC'S FIRE PROTECTION SUBCONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND SECURING ALL NECESSARY FIRE PROTECTION PERMITS.

GENERAL NOTES

- REFER TO BASIC BUILDING SPECIFICATIONS, REQUIREMENTS AND STANDARDS FOR EXISTING SHELL AND CORE CONSTRUCTION. ALL WORK IS TO BE COMPATIBLE WITH EXISTING CONSTRUCTION.
- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL GOVERNING BUILDING CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK THAT HAS BEEN PERFORMED WHICH DOES NOT MEET THESE CODES AND REGULATIONS.
- ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE TO THE ARCHITECT'S CONSTRUCTION DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR REPORTING IMMEDIATELY TO THE ARCHITECT ANY DISCREPANCIES OR DETAILS WHICH DO NOT MEET BUILDING CODES AND CONSTRUCTION STANDARDS.
- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IN THE EVENT OF CONFLICTS OR CHANGES BETWEEN DETAILS, OR BETWEEN THE PLANS AND SPECIFICATIONS, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AND PIPING BEFORE BEGINNING WORK.
- THE GC SHALL COORDINATE ALL OPERATIONS WITH THE OWNER, INCLUDING AREA FOR WORK, MATERIALS STORAGE, AND ACCESS TO AND FROM THE WORK, SPECIAL CONDITIONS OR NOISY WORK, TIMING OF WORK AND INTERRUPTION OF MECHANICAL AND ELECTRICAL SERVICES, NOISY OR DISRUPTIVE WORK SHALL BE SCHEDULED AT LEAST ONE (1) WEEK IN ADVANCE OF THE TIME WORK IS TO COMMENCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HIGHEST STANDARD OF WORKMANSHIP IN GENERAL AND WITH SUCH STANDARDS AS ARE SPECIFIED.
- GC SHALL SUBMIT SAMPLES OF ALL FINISHES OF SUCH SIZE AND NUMBER THAT THEY REPRESENT A REASONABLE DISTRIBUTION OF COLOR RANGES AND PATTERN PRIOR TO INSTALLATION FOR ARCHITECT'S APPROVAL. GC SHALL PROVIDE SHOP DWGS AND PRODUCT DATA FOR ARCHITECT'S APPROVAL ON ALL SPECIAL ITEMS REQUIRING CUSTOM FABRICATION (SHALL INCLUDE RATED FIRE DOORS AND HARDWARE).
- ALL MATERIALS INDICATED TO MATCH EXISTING SHALL DO SO WITH RESPECT TO SIZE, SHAPE, COLOR, TEXTURE, PATTERN, QUALITY AND METHOD OF INSTALLATION INsofar AS PRACTICABLE AND SHALL BE APPROVED BY THE ARCHITECT BEFORE USE.
- THE FLOORS MAY BE OCCUPIED DURING CONSTRUCTION. THE GC SHALL PROTECT ALL PERSONNEL, PASSENGERS OR VISITORS TO THE SITE FROM HARM AND INJURY. BARRIERS SHALL BE INSTALLED AS REQUIRED TO PROTECT EQUIPMENT INSTALLED DURING CONSTRUCTION, CAREFULLY MAINTAIN AND PROTECT MONUMENTS, BENCH MARKS AND THEIR REFERENCE POINT FROM BEING DESTROYED OR DISTURBED; REPLACE AS REQUIRED.
- EXISTING WORK DAMAGED AS A RESULT OF WORK DONE UNDER THIS CONTRACT SHALL BE REPAIRED TO ORIGINAL CONDITION AND FINISHED TO MATCH ADJACENT FINISHES, SUBJECT TO ARCHITECT'S APPROVAL, AND AT NO ADDITIONAL COST TO THE OWNER. ALL REPLACEMENT MATERIALS REQUIRED TO MATCH EXISTING MATERIALS SHALL DO SO WITH RESPECT TO TYPE, PATTERN, TEXTURE, SIZE, SHAPE, COLOR AND METHOD OF INSTALLATION INsofar AS PRACTICABLE, AND SHALL BE APPROVED BY THE ARCHITECT AND OWNER PRIOR TO INSTALLATION.
- MATERIALS, ARTICLES, DEVICES AND PRODUCTS ARE SPECIFIED IN THE DOCUMENTS BY LISTING ACCEPTABLE MANUFACTURERS OR PRODUCTS, BY REQUIRING COMPLIANCE WITH REFERENCED STANDARDS, OR BY PERFORMANCE SPECIFICATIONS. FOR ITEMS SPECIFIED BY NAME, SELECT ANY PRODUCT NAMED, FOR THOSE SPECIFIED BY REFERENCE STANDARDS OR BY PERFORMANCE SPECIFICATIONS SELECT ANY PRODUCT MEETING OR EXCEEDING SPECIFIED CRITERIA. FOR APPROVAL OF AN ITEM NOT SPECIFIED, SUBMIT REQUIRED SUBMITTALS, PROVIDING COMPLETE BACK-UP INFORMATION FOR PURPOSES OF EVALUATION. WHERE BUILDING STANDARD ITEMS ARE CALLED FOR, NO SUBSTITUTE WILL BE ACCEPTED.
- INSTALLATION OF MECHANICAL, ELECTRICAL AND STRUCTURAL SYSTEMS WILL REQUIRE OPENING OF SOME EXISTING WALLS, CEILING OR FLOOR CAVITIES. THE GC SHALL BE RESPONSIBLE FOR THE REPAIR OF THESE OPENINGS TO MATCH EXISTING, EXCEPT WHERE NOTED OTHERWISE. FILL ALL HOLES AND VOIDS IN FLOORS, WALLS AND CEILING WHICH RESULT FROM INSTALLATION OF WORK, AND REMOVAL OF EXISTING MATERIALS AND EQUIPMENT REQUIRED BY THIS CONTRACT. PATCHED AREAS SHALL MATCH THE MATERIALS, FINISHES, AND LEVELS ADJACENT, OR SHALL BE PUT IN THE PROPER CONDITION TO RECEIVE THE FINISH INDICATED.
- OPENINGS REQUIRED FOR NEW WORK THAT PENETRATES EXISTING STRUCTURE SHALL BE COORDINATED WITH OWNER PRIOR TO COMMENCING THE WORK. ANY OPENING OVER 2" IN DIAMETER SHALL BE REVIEWED AND APPROVED BY OWNER. THROUGH CONCRETE SLABS OR WALLS, OR MASONRY WALLS, ALL ROUND HOLES SHALL BE CORE DRILLED WITH A DIAMOND DRILL AND ALL RECTANGULAR OPENINGS SHALL BE CUT WITH A DIAMOND SAW. IN NO CASE SHALL ANY STRUCTURAL MEMBER BE CUT. USE CARBIDE-TIPPED DRILLS FOR GYPSUM WALLBOARD PARTITIONS. KEEP OVER CUTTING TO A MIN. MAINTAIN CONTINUITY AND INTEGRITY OF FIRE SEPARATION AT ALL TIMES. GROUT AROUND CONDUITS PASSING THROUGH CONCRETE WALLS AND FLOORS AND MASONRY WALLS. MAKE PATCHES WITH NEAT, TRIMMED EDGES; MATCH ADJACENT EXISTING WORK.
- ANY DISCREPANCIES THROUGHOUT THESE DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO THE TIME OF BID. IF TIME DOESN'T WARRANT A CLARIFICATION FROM THE ARCHITECT PRIOR TO BID, YOU MUST BID THE HIGHEST COST SOLUTION WITH A NOTE OF CLARIFICATION ADDED TO BID ASSUMPTIONS.

VICINITY MAP



PROJECT TEAM

CLIENT/TENANT:
SPRING DENTISTRY AND ORTHODONTICS
16410 89TH AVE E
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ARCHITECT:
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RECORD ARCH: JAMIE TRENDRA
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UBI: 603576596
LIC #: BIGSKN841CC

SHEET INDEX

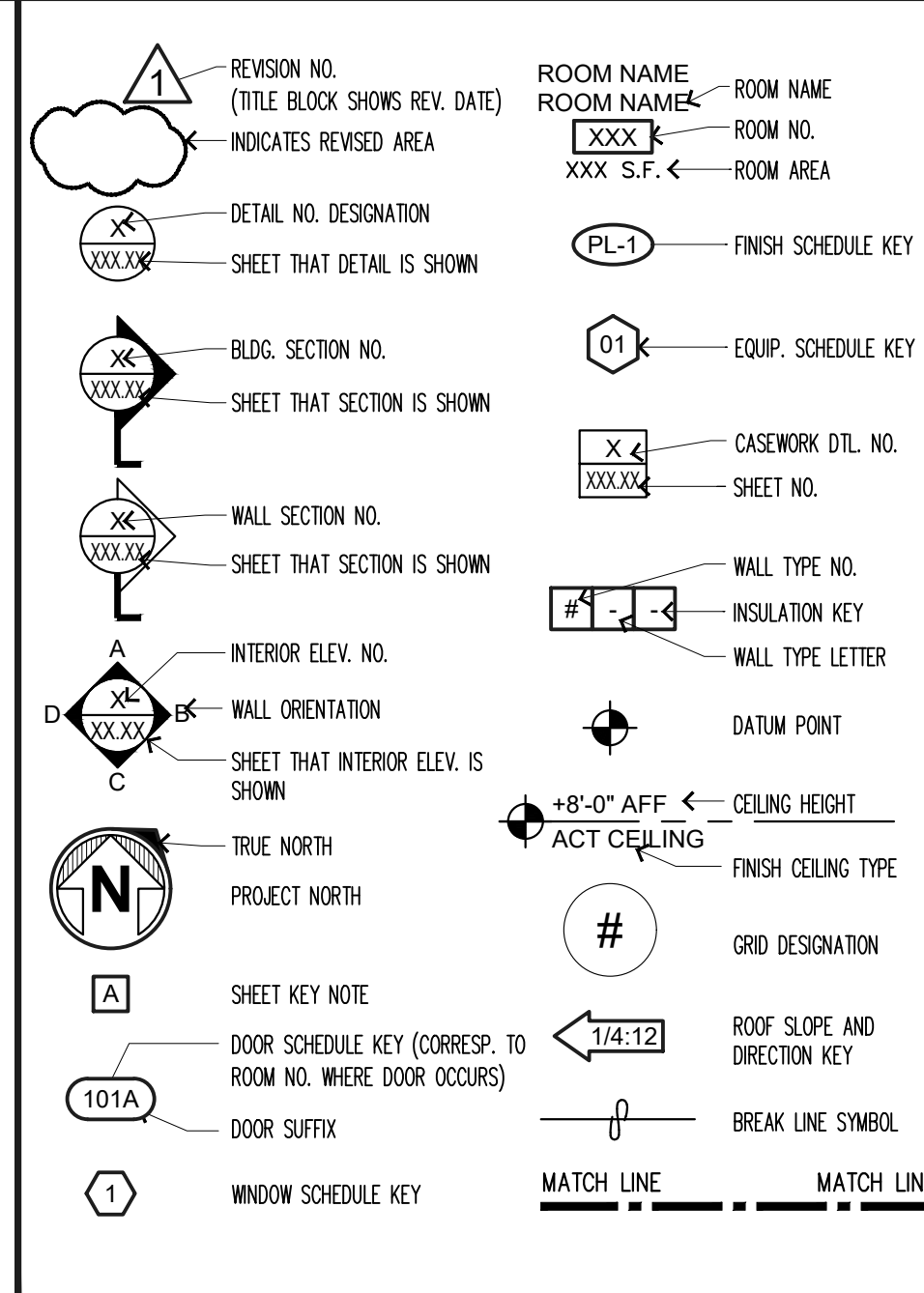
ARCHITECTURAL:

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A0.3	ICC A117.1-2009 GENERAL CODE DETAILS
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ARCHITECTURAL ABBREVIATIONS

SYMBOLS:	CB CATCH BASIN	FE INSTALLED BY OWNER	MTC MOUNTING	SUSP SUSPENDED
AT	CEGAR CEDAR	FE FIRE EXTINGUISHER	NIC NOT IN CONTRACT	SYS SYSTEM
AND	CI CAST IRON	FE FIRE EXTINGUISHER CABINET	NOM NOMINAL	T TEMPERED, TREAD, TOP
ANGLE	OP CAST IN PLACE	FOC FURNISHED BY OWNER	NIS NOT TO SCALE	TAB TOP & BOTTOM
ALMOST EQUAL TO	CJ CONTROL JOINT	PHB PROVIDED BY CONTRACTOR	OC ON CENTER	TEL TELEPHONE
CENTER LINE	CLR CONSTRUCTION JOINT	FRB FROST PROOF HOSE BEBB	OH OVERHEAD	TEMP TEMPERED
COPYRIGHT	CMU CONCRETE MASONRY UNIT	FRB FIBER REINFORCED PANEL(S)	OPP OPPOSITE	TAG TAG
DEGREE	COL COLUMN	PERP PERPENDICULAR	OT OTHER	TC TO
DIAMETER	CONC CONCRETE	PL PLATE	PERP PERPENDICULAR	TO TOP OF
EQUAL TO	CONT CONTINUOUS	GA GAUGE	PLAM PLASTIC LAMINATE	TYP TYPICAL
GREATER THAN	CONSTR CONSTRUCTION	GALV GALVANIZED	PLUMB PLUMBING	UTIL UTILITY
LESS THAN	CONTR CONTRACTOR	GC GENERAL CONTRACTOR	PLUMB PLUMBING	U.O.N. UNLESS OTHERWISE NOTED
#	CPT CARPET	PLN PANEL, PANELING	PROJ PROJECT, PROJECTED	V.C. VINYL COMPOSITION TILE
NUMBER	CT CERAMIC TILE	PRV PRESSURE REDUCING VALVE	PT POINT	VERT VERTICAL
%	H HIGH, HEIGHT	QT QUARRY TILE	QTR QUARTER	W WIDE, WIDTH
PLUS/MINUS	HB HOSE BEBB	R RADIUS, RASER	REF REFLECTED CEILING PLAN	W/D WASHER/DRYER
PLATE	HM HOLLOW METAL	RC ROOF DRAIN	RL RAIN LEADER	WT WATER HEATER
ABBREVIATIONS:	DEMO DEMOLISH, DEMOLITION	RECD RECEIVED	REF REFROGATOR, REFERENCE	W-HAT WALK OFF MAT
A/E AVERAGE BUILDING ELEVATION	DF DRINKING FOUNTAIN	REIN REINFORCING	REIN REINFORCING	W-WOOD WINDOW
A/C AIR CONDITIONER	DM DIMENSION	RETD REQUIRED	RETD REQUIRED	WP WATERPROOF
ADJ ADJUSTABLE, ADJACENT	DR DOOR	RF RUBBER FLOORING	RF RUBBER FLOORING	WR WATER RESISTANT
ADMIN ADMINISTRATION	DS DOWNSPOUT	RR RESTROOM	RR RESTROOM	WRB WATER RESISTANT BARRIER
AFG ABOVE FINISH FLOOR	DW DISH WASHER	RO ROUGH OPENING	ROW PUBLIC RIGHT OF WAY	W WEIGHT
AFF ABOVE FINISH GRADE	DRW DRAWING	ROF ROOF	S.S. SELF ADHESIVE MEMBRANE	W-W-M WELDED WIRE MESH
AFF ABOVE FINISH GRADE	EA EACH	ROF ROOF	SCHED SCHEDULE	W-WF WELDED WIRE FABRIC
AGL ABOVE GRADE LEVEL	ELEV ELEVATION, ELEVATOR	ROF ROOF	SCHED SCHEDULE	
ALUM ALUMINUM	ELEC ELECTRICAL	ROF ROOF	SCHED SCHEDULE	
ANOD ANODIZED	EJ EXPANSION JOINT	ROF ROOF	SCHED SCHEDULE	
APPROX APPROXIMATE	EO EDGE OF	ROF ROOF	SCHED SCHEDULE	
ALT ALTERNATE	EXST EXISTING	ROF ROOF	SCHED SCHEDULE	
ASR AUTOMATIC SPRINKLER RISER	EJ EXPANSION JOINT	ROF ROOF	SCHED SCHEDULE	
AVG AVERAGE	EXP EXPANSION	ROF ROOF	SCHED SCHEDULE	
BEV BEVELED, BEVERAGE	EXT EXTERIOR	ROF ROOF	SCHED SCHEDULE	
BFF BELOW FINISH FLOOR	(E) EXISTING	ROF ROOF	SCHED SCHEDULE	
BFG BELOW FINISH GRADE	FOC FURNISH BY CONTRACTOR	ROF ROOF	SCHED SCHEDULE	
BD BOARD	INST BY CONTRACTOR	ROF ROOF	SCHED SCHEDULE	
B/S BUILDING STANDARD	FD FLOOR DRAIN	ROF ROOF	SCHED SCHEDULE	
BN BILL-NOSED	FDN FOUNDATION	ROF ROOF	SCHED SCHEDULE	
BO BOTTOM OF	FF FINISH FLOOR	ROF ROOF	SCHED SCHEDULE	
BOT BOTTOM	FFE FINISH FLOOR ELEVATION	ROF ROOF	SCHED SCHEDULE	
BTW BETWEEN	FOD FURNISHED BY OWNER	ROF ROOF	SCHED SCHEDULE	

SYMBOLS LEGEND



SCOPE AND CODE

SCOPE OF WORK SUMMARY:
TENANT IMPROVEMENT FOR A NEW 2,430 SF DENTAL OFFICE. SCOPE OF WORK TO INCLUDE, NEW NON-STRUCTURAL INTERIOR PARTITIONS, DOORS, CEILING & LIGHTING, CASEWORK AND EQUIPMENT.

CHANGE OF USE FROM MERCANTILE (GROCERY STORE) TO OFFICE (MEDICAL). NO CHANGE IN EXTERIOR BUILDING ENVELOPE. NO CHANGE TO PARKING.

DESIGN CODES:

2018 INTERNATIONAL BUILDING CODE AS AMENDED BY THE STATE OF WASHINGTON (WAC 51-50) AND THE CITY OF LYNNWOOD

2018 INTERNATIONAL EXISTING BUILDING CODE AS AMENDED BY THE STATE OF WASHINGTON (WAC 51-50) AND THE CITY OF LYNNWOOD

2018 INTERNATIONAL FIRE CODE AS AMENDED BY THE STATE OF WASHINGTON (WAC 51-54) AND THE CITY OF LYNNWOOD

2018 WASHINGTON STATE COMMERCIAL ENERGY CODE (WAC 51-11)

2009 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ANSI A117.1-2009 & WAC 51-50-005)

2018 UNIFORM PLUMBING CODE AS AMENDED BY THE STATE OF WASHINGTON (WAC 51-56 & 51-57) AND THE CITY OF LYNNWOOD

2020 NATIONAL ELECTRICAL CODE AS AMENDED BY THE STATE OF WASHINGTON (WAC 296-46B-010) AND THE CITY OF LYNNWOOD

PROJECT DATA

LEGAL DESCRIPTION:
SEC 17 TWP 27 RGE 04TH PTN SE1/4 SE1/4 DAF BEG SE COR OF SD SEC TH S89*57 17W ALG S LND LN 750FT TH N01*53 52W 240FT TH S89*57 17W 75FT TH N01*53 52W 62.47FT TH N89*46 34E 125.62FT TO TPB TH CONTN89*46 34E 4.68FT TH N00*13 26W 5FT TH N89*46 34E 128.98FT TH S00*03 12E 177FT TH S89*56 48W 141.65FT TH N00*03 12W 171.58FT TO TPB

SITE & BUILDING:

PARCEL NUMBER: 27041700403000
CITY OF LYNNWOOD
SECTION/TOWNSHIP/RANGE: SE 17/27/4
YEAR BUILT/STORIES/BUDGS ON SITE: 1961, 1-STORY, 1 BUILDING
BUILDING NAME: JAMES VILLAGE MULTI TENANT BUSINESS (B)
ZONING DESIGNATION: B (MEDICAL/DENTAL)
OCCUPANCY CLASSIFICATION (USE): TYPE II-B
CONSTRUCTION TYPE/CLASS: TYPE II-B

EXISTING AREA CALCULATIONS AND CONDITIONS:
GROSS LAND AREA: 22,270 S.F. (0.54 ACRES)
TENANT FLOOR AREA: 2,430 S.F.

CONSTRUCTION VALUATION:
\$243,000

REFER TO EGRESS PLAN, SHEET A0.4 FOR EXITING INFORMATION.

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SPRING DENTAL
TENANT IMPROVEMENT
19520 HWY 99, SUITE 101
LYNNWOOD, WA 98036

REVISIONS		
NO.	DATE	BY
1		
2		
3		
4		
5		
6		

ISSUE DATES
DESIGN APPROVAL:
PERMIT SUBMITTAL:
PERMIT RECEIVED:
BID DOCS:
CONSTR. DOCS:

24"x36" SCALE:	AS NOTED
PLOT DATE:	11-15-2022
CAD FILE:	22-068_A0.1
JOB NUMBER:	22-068
CHECKED:	
DRAWN:	PK
STATUS:	BID SET

COVER SHEET AND SITE PLAN
A0.1

EXAMPLE SET

FLOOR OR GROUND SURFACES (ICC/ANSI SEC. 302 & 303):

GENERAL: FLOOR OR GROUND SURFACES SHALL BE STABLE, FIRM, AND SLIP RESISTANT. CHANGES IN LEVEL OF 1/4 INCH HIGH MAX. SHALL BE PERMITTED TO BE VERTICAL. CHANGES IN LEVEL BETWEEN 1/4 INCH HIGH MIN. AND 1-1/2 INCH HIGH MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2 INCH SHALL BE RAMPED AND SHALL COMPLY WITH ICC/ANSI SECTION 405 OR 406.

WHEELCHAIR TURNING SPACE AND CLEAR SPACE (ICC/ANSI SEC. 304 & 305):

CLEAR FLOOR OR GROUND SPACE: FLOOR OR GROUND SURFACES OF A WHEELCHAIR TURNING SPACE SHALL HAVE A SLOPE NOT STEEPER THAN 1:48. THE CLEAR FLOOR OR GROUND SPACE SHALL BE 48 INCHES MIN. BY 48 INCHES MIN. AND SHALL BE POSITIONED FOR EITHER FORWARD OR PARALLEL APPROACH TO AN ELEMENT. ONE FULL UNOBSTRUCTED SIDE OF THE CLEAR FLOOR OR GROUND SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE OR ADJOIN ANOTHER CLEAR FLOOR OR GROUND SPACE. CIRCULAR SPACE: THE WHEELCHAIR TURNING SPACE SHALL BE NOT LESS THAN 60 INCHES DIAMETER MIN. WHEELCHAIR TURNING SPACE SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES.

T-SHAPED SPACE: THE WHEELCHAIR TURNING SPACE MAY BE A T-SHAPED SPACE WITHIN A 60 INCH MIN. SQUARE WITH ARMS AND TIPS 36 INCHES WIDE. THE CLEAR FLOOR OR GROUND SPACE SHALL BE CLEAR OF OBSTRUCTIONS 12 INCHES MIN. IN EACH DIRECTION AND THE BASE SHALL BE CLEAR OF OBSTRUCTIONS 24 INCHES MIN. T-SHAPED WHEELCHAIR TURNING SPACES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE CLEARANCES ONLY AT THE END OF EITHER THE BASE OR ONE ARM. DOORS: UNLESS OTHERWISE SPECIFIED, DOORS SHALL BE PERMITTED TO SWING INTO WHEELCHAIR TURNING SPACE. ALCOVE CLEAR FLOOR SPACE: FORWARD APPROACH - THE WIDTH OF AN ALCOVE SHALL BE 36 INCHES MIN. WHERE THE DEPTH EXCEEDS 24 INCHES. PARALLEL APPROACH - THE WIDTH OF AN ALCOVE SHALL BE 60 INCHES MIN. WHERE THE DEPTH EXCEEDS 15 INCHES.

KNEE AND TOE CLEARANCE (ICC/ANSI SEC. 306):

TOE CLEARANCE: SPACE UNDER AN ELEMENT BETWEEN THE FLOOR OR GROUND AND 9 INCHES ABOVE THE FLOOR OR GROUND SHALL BE TOE CLEARANCE. MAX. DEPTH IS PERMITTED TO EXTEND 25 INCHES MAX. UNDER AN ELEMENT AND 17 INCHES MIN. BENEATH THE ELEMENT. TOE CLEARANCE SHALL BE 30 INCHES WIDE MIN. KNEE CLEARANCE: SPACE UNDER AN ELEMENT BETWEEN 9 INCHES AND 27 INCHES ABOVE THE FLOOR OR GROUND SHALL BE KNEE CLEARANCE. KNEE CLEARANCE SHALL BE PERMITTED TO EXTEND 25 INCHES MAX. UNDER AN ELEMENT AT 9 INCHES ABOVE THE FLOOR OR GROUND. WHERE KNEE CLEARANCE IS REQUIRED BENEATH AN ELEMENT AS PART OF A CLEAR FLOOR OR GROUND SPACE, THE KNEE CLEARANCE SHALL BE 11 INCHES DEEP MIN. AT 9 INCHES ABOVE THE FLOOR OR GROUND, AND 8 INCHES DEEP MIN. AT 27 INCHES ABOVE THE FLOOR OR GROUND. KNEE CLEARANCE SHALL BE 30 INCHES WIDE MIN.

PROTRUDING OBJECTS (ICC/ANSI SEC. 307):

PROTRUSION LIMITS: OBJECTS WITH LEADING EDGES MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR OR GROUND SHALL PROTRUDE 4 INCHES MAX. HORIZONTALLY INTO THE CIRCULATION PATH. HANDRAILS SERVING STAIRS AND RAMPS SHALL BE PERMITTED TO PROTRUDE 4-1/2 INCHES MAX. GUARDRAILS OR OTHER BARRIERS SHALL BE PROVIDED WHERE VERTICAL CLEARANCE IS LESS THAN 80 INCHES HIGH. LEADING EDGE OF SUCH GUARDRAIL OR BARRIER SHALL BE 27 INCHES MAX. ABOVE THE FLOOR OR GROUND. PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES. POST-MOUNTED OBJECTS: OBJECTS ON A SINGLE POST OR PYLON SHALL BE PERMITTED TO OVERHANG 12 INCHES MAX. WHERE MORE THAN 27 INCHES AND NOT MORE THAN 80 INCHES ABOVE THE FLOOR OR GROUND.

REACH RANGES (ICC/ANSI SEC. 308):

UNOBSTRUCTED REACH: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN ELEMENT AND THE SIDE REACH IS UNOBSTRUCTED, THE HIGH SIDE REACH SHALL BE 48 INCHES MAX. AND THE LOW SIDE REACH SHALL BE 15 INCHES MIN. ABOVE THE FLOOR OR GROUND. EXISTING ELEMENTS SHALL BE PERMITTED AT 54 INCHES MAX. ABOVE THE FLOOR OR GROUND. OBSTRUCTED HIGH FORWARD REACH: WHERE A HIGH FORWARD REACH IS OVER AN OBSTRUCTION, THE CLEAR FLOOR OR GROUND SPACE SHALL EXTEND BENEATH THE ELEMENT FOR A DISTANCE NOT LESS THAN THE REQUIRED REACH DEPTH OVER THE OBSTRUCTION. THE HIGH FORWARD REACH SHALL BE 48 INCHES MAX. WHERE THE REACH DEPTH IS 20 INCHES MAX. WHERE THE REACH DEPTH EXCEEDS 20 INCHES, THE HIGH FORWARD REACH SHALL BE 44 INCHES MAX. AND THE REACH DEPTH SHALL BE 25 INCHES MAX. OBSTRUCTED HIGH SIDE REACH: WHERE A CLEAR FLOOR OR GROUND SPACE ALLOWS A PARALLEL APPROACH TO AN OBJECT AND THE HIGH SIDE REACH IS OVER AN OBSTRUCTION, THE HEIGHT OF THE OBSTRUCTION SHALL BE 34 INCHES MAX. AND THE DEPTH OF THE OBSTRUCTION SHALL BE 24 INCHES MAX. THE HIGH SIDE REACH SHALL BE 48 INCHES MAX. FOR A REACH DEPTH OF 10 INCHES MAX. WHERE THE REACH DEPTH EXCEEDS 10 INCHES, THE HIGH SIDE REACH SHALL BE 46 INCHES MAX. FOR A REACH DEPTH OF 24 INCHES MAX.

OPERABLE PARTS (ICC/ANSI SEC. 309):

HEIGHT: OPERABLE PARTS SHALL BE PLACED WITHIN ONE OR MORE OF THE REACH RANGES. EXCEPT WHERE THE USE OF SPECIAL EQUIPMENT DICTATES OTHERWISE, OR WHERE ELECTRICAL AND COMMUNICATIONS SYSTEMS RECEPTACLES ARE NOT NORMALLY INTENDED FOR USE BY BUILDING OCCUPANTS. OPERATION: OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

ACCESSIBLE ROUTES (ICC/ANSI SEC. 402):

ACCESSIBLE ROUTES SHALL CONSIST OF ONE OR MORE OF THE FOLLOWING COMPONENTS: WALKING SURFACES WITH A SLOPE NOT STEEPER THAN 1:20, DOORS AND DOORWAYS, RAMPS, CURB RAMPS, ELEVATORS, AND WHEELCHAIR (PLATFORM) LIFTS. ALL COMPONENTS OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH THE APPLICABLE PORTIONS OF THIS STANDARD.

WALKING SURFACES (ICC/ANSI SEC. 403):

SLOPE: THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF A WALKING SURFACE SHALL NOT BE STEEPER THAN 1:48. CLEAR WIDTH: CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL COMPLY WITH ICC/ANSI 403.5 CLEAR WIDTH AT TURN: WHERE AN ACCESSIBLE ROUTE REQUIRES A TURN AND THE TURN RADIUS IS 48 INCHES WIDE, CLEAR WIDTHS SHALL BE 42 INCHES MIN. APPROACHING THE TURN, 48 INCHES MIN. DURING THE TURN, AND 42 INCHES MIN. LEAVING THE TURN. PASSING SPACE: AN ACCESSIBLE ROUTE WITH A CLEAR WIDTH LESS THAN 60 INCHES SHALL PROVIDE PASSING SPACES AT INTERVALS OF 200 FEET MAX. THESE PASSING SPACES SHALL BE EITHER A 60 INCH BY 60 INCH MIN. SPACE, OR AN INTERSECTION OF TWO WALKING SURFACES WHICH PROVIDE A T-SHAPED TURNING SPACE COMPLYING WITH ICC/ANSI SECTION 304.

MANUAL DOORS AND DOORWAYS (ICC/ANSI SEC. 404):

CLEAR WIDTH: DOORWAYS SHALL HAVE A CLEAR OPENING OF 32 INCHES MIN. CLEAR OPENING OF DOORWAYS WITH SWINGING DOORS SHALL BE MEASURED BETWEEN THE DOOR AND THE DOOR OPEN 90 DEGREES. OPENINGS MORE THAN 24 INCHES DEEP SHALL PROVIDE A CLEAR OPENING OF 36 INCHES MIN. THERE SHALL BE NO PROJECTIONS INTO THE CLEAR OPENING WIDTH LOWER THAN 34 INCHES ABOVE THE FLOOR OR GROUND. PROJECTIONS INTO THE MIN. CLEAR OPENING WIDTH MORE THAN 34 INCHES AND UP TO 80 INCHES ABOVE THE FLOOR OR GROUND ARE PERMITTED BUT SHALL NOT EXCEED 4 INCHES. MANEUVERING CLEARANCES: REQUIRED DOOR MANEUVERING CLEARANCES SHALL NOT INCLUDE KNEE AND TOE CLEARANCE. RECESSED DOORS: WHERE THE PLANE OF THE DOORWAY IS RECESSED MORE THAN 8 INCHES FROM THE PLANE OF THE WALL, CLEARANCES FOR FRONT APPROACH SHALL BE PROVIDED. TWO DOORS IN SERIES: DISTANCE BETWEEN TWO HINGED OR PIVOTED DOORS IN SERIES SHALL BE 48 INCHES MIN. PLUS THE WIDTH OF ANY DOOR SWINGING INTO THE SPACE. THE SPACE BETWEEN THE DOORS SHALL PROVIDE A TURNING SPACE COMPLYING WITH SECTION 304. DOOR HARDWARE: HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. SUCH HARDWARE SHALL BE 34 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FLOOR OR GROUND. WHERE SLIDING DOORS ARE IN THE FULLY OPEN POSITION, OPERATING HARDWARE SHALL BE EXPOSED AND USABLE FROM BOTH SIDES. DOOR CLOSERS: DOOR CLOSERS SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO AN OPEN POSITION OF 12 DEGREES SHALL BE 5 SECONDS MIN. SPRING HINGES: DOOR SPRING HINGES SHALL BE ADJUSTED SO THAT FROM THE OPEN POSITION OF 70 DEGREES, THE DOOR SHALL MOVE TO THE CLOSED POSITION IN 1.5 SECONDS MIN. DOOR-OPENING FORCE: FIRE DOORS SHALL HAVE THE MIN. OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY. THE MAX. FORCE FOR PUSHING OPEN OR PULLING OPEN DOORS OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:

INTERIOR HINGED DOOR: 5.0 POUNDS
SLIDING OR FOLDING DOOR: 5.0 POUNDS

THESE FORCES DO NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR IN A CLOSED POSITION.

DOOR SURFACE: DOOR SURFACES WITHIN 10 INCHES OF THE FLOOR OR GROUND MEASURED VERTICALLY SHALL BE A SMOOTH SURFACE ON THE PUSH SIDE EXTENDING THE FULL WIDTH OF THE DOOR. PARTS CREATING HORIZONTAL OR VERTICAL JOINTS IN SUCH SURFACE SHALL BE WITHIN 1/16 INCH OF THE SAME PLANE AS THE OTHER. CAVITIES CREATED BY ADDED KICK PLATES SHALL BE CARVED. EXCEPT FOR SLIDING DOORS, TEMPERED GLASS DOORS WITHOUT STILES AND HAVING A BOTTOM RAIL OR SIDE WITH THE TOP LEADING EDGE TAPERED AT AN ANGLE OF NOT LESS THAN 60 DEGREES FROM THE HORIZONTAL SHALL NOT BE REQUIRED TO MEET THE 10 INCH BOTTOM RAIL HEIGHT REQUIREMENT, AND DOORS WHICH DO NOT EXTEND TO WITHIN 10 INCHES OF THE FLOOR OR GROUND, VISION LITES: DOORS AND SIDELITES ADJACENT TO DOORS CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM AT AT LEAST ONE PANEL 43 INCHES MAX. ABOVE THE FLOOR OR GROUND.

RAMPS (ICC/ANSI SEC. 405):

WALKING SURFACES ON ACCESSIBLE ROUTES WITH A RUNNING SLOPE STEEPER THAN 1:20 ARE RAMPS. SLOPE: RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. CROSS SLOPE OF RAMP RUNS SHALL NOT BE STEEPER THAN 1:48. CLEAR WIDTH: THE CLEAR WIDTH OF A RAMP RUN SHALL BE 36 INCHES MIN. HANDRAILS AND HANDRAIL SUPPORTS THAT ARE PROVIDED ON THE RAMP RUN SHALL NOT PROJECT INTO THE REQUIRED CLEAR WIDTH OF THE RAMP RUN. THE RISE FOR ANY RAMP RUN SHALL BE 30 INCHES MAX. OUTDOOR RAMPS AND APPROACHES TO RAMPS SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WITHIN THE ROOM. WALKING SURFACES: LANDINGS: RAMPS SHALL HAVE LANDINGS AT BOTTOM AND TOP OF EACH RUN. LANDINGS SHALL HAVE A SLOPE NOT STEEPER THAN 1:48 AND THE CLEAR WIDTH OF LANDINGS SHALL BE AT LEAST AS WIDE AS THE WIDEST RAMP RUN LEADING TO THE LANDING. LANDING LENGTH SHALL BE 60 INCHES MIN. CLEAR. RAMPS THAT CHANGE DIRECTION AT LANDINGS SHALL HAVE A 60 INCH MIN. BY 60 INCH MIN. LANDING. DOORWAYS: WHERE DOORWAYS ARE ADJACENT TO A RAMP LANDING, MANEUVERING CLEARANCES REQUIRED BY ICC/ANSI SECTIONS 404.2.3 AND 404.3.2 SHALL BE PERMITTED TO OVERLAP THE LANDING AREA. WHERE A DOOR THAT IS SUBJECT TO LOCKING IS LOCATED ADJACENT TO A RAMP LANDING, THE LANDING SHALL BE SIZED TO PROVIDE A TURNING SPACE COMPLYING WITH SECTION 304.3. HANDRAILS: RAMPS WITH A RISE GREATER THAN 6 INCHES SHALL HAVE HANDRAILS COMPLYING WITH ICC/ANSI SECTION 505. HANDRAILS SHALL NOT REDUCE THE REQUIRED CLEARANCES OF A RAMP RUN OR LANDING. EDGE PROTECTION SHALL BE PROVIDED ON EACH SIDE OF RAMP RUNS AND AT EACH SIDE OF RAMP LANDINGS. THE FLOOR OR GROUND SURFACE OF THE RAMP RUN OR LANDING SHALL EXTEND 12 INCHES MIN. BEYOND THE INSIDE FACE OF A RAILING COMPLYING WITH ICC/ANSI SECTION 505. CURB OR BARRIER: A CURB OR BARRIER SHALL BE PROVIDED THAT PREVENTS THE PASSAGE OF A 4-INCH DIAMETER SPHERE BELOW A HEIGHT OF 4 INCHES.

CURB RAMPS (ICC/ANSI SEC. 406):

CURB RAMPS SHALL BE 36 INCHES WIDE MIN., EXCLUSIVE OF FLARED SIDES. CURB RAMPS AND THEIR SIDE FLARES SHALL NOT

PROTRUDE INTO VEHICULAR TRAFFIC LANES, PARKING SPACES, OR INTO PARKING SPACE ACCESS AISLES. THEY SHALL BE LOCATED OR PROTECTED TO PREVENT THEIR OBSTRUCTION BY PARKED VEHICLES. HANDRAILS ARE NOT REQUIRED. SIDES OF CURB RAMPS: WHERE PEDESTRIANS MUST WALK ACROSS A CURB RAMP, THE RAMP SHALL HAVE FLARED SIDES. SLOPE OF FLARES SHALL NOT BE STEEPER THAN 1:10. WHERE THE WIDTH OF THE WALKING SURFACE AT THE TOP OF THE RAMP AND PARALLEL TO THE RUN OF THE RAMP IS LESS THAN 48 INCHES WIDE, THE FLARED SIDES SHALL HAVE A SLOPE NOT STEEPER THAN 1:12. CURB RAMPS WITH RETURNED CURBS SHALL BE PERMITTED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK ACROSS THE RAMP. COUNTER SLOPE: COUNTER SLOPES OF ADJOINING CUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT BE STEEPER THAN 1:20. TRANSITIONS FROM RAMPS TO WALKS, CUTTERS OR STREETS SHALL BE AT THE SAME LEVEL. LOCATION AT MARKED CROSSINGS: CURB RAMPS AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES. LANDINGS: THE CLEAR LENGTH OF THE LANDING SHALL BE 36 INCHES MIN., WITH A CLEAR WIDTH AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING FLARED SIDES LEADING TO THE LANDING. DIAGONAL CURB RAMPS: DIAGONAL OR CORNER TYPE CURB RAMPS WITH RETURNED CURBS OR OTHER WELL-DEFINED EDGES SHALL HAVE THE EDGES PARALLEL TO THE DIRECTION OF PEDESTRIAN FLOW. BOTTOMS OF DIAGONAL CURB RAMPS SHALL HAVE 48 INCHES MIN. CLEAR SPACE, MEASURED PARALLEL TO THE RUNNING SLOPE. DIAGONAL CURB RAMPS PROVIDED AT MARKED CROSSINGS SHALL PROVIDE THE 48 INCHES MIN. CLEAR SPACE WITHIN THE MARKINGS. DIAGONAL CURB RAMPS WITH FLARED SIDES SHALL HAVE A SEGMENT OF STRAIGHT CURB 24 INCHES LONG MIN. ON EACH SIDE OF THE CURB RAMP AND WITHIN THE MARKED CROSSING. ISLANDS: RAISED ISLANDS IN CROSSINGS SHALL BE A CUT-THROUGH LEVEL WITH THE STREET OR HAVE CURB RAMPS AT BOTH SIDES, AND A LEVEL AREA 48 INCHES LONG MIN. BY 36 INCHES WIDE MIN., IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSING.

PARKING SPACES (ICC/ANSI SEC. 502):

VEHICLE SPACE SIZE: ACCESSIBLE CAR AND VAN PARKING SPACES SHALL HAVE AN ADJACENT ACCESS AISLE. CAR AND VAN PARKING SPACES SHALL BE 96 INCHES MIN. WIDTH. ACCESS AISLE: TWO PARKING SPACES SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE. ACCESS AISLES SERVING CAR PARKING SPACES SHALL BE 60 INCHES WIDE MIN. ACCESS AISLES SERVING VAN PARKING SPACES SHALL BE 96 INCHES WIDE MIN. ACCESS AISLES SHALL EXTEND THE FULL LENGTH OF THE PARKING SPACES THEY SERVE, AND THEY SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM. FLOOR OR GROUND SURFACES: PARKING SPACES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES NOT STEEPER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE PARKING SPACES THEY SERVE. VERTICAL CLEARANCE: PARKING SPACES FOR VANS SHALL HAVE A VERTICAL CLEARANCE OF 98 INCHES MIN. AT THE SPACE AND ALONG THE VEHICULAR ROUTE THERETO. IDENTIFICATION: WHERE ACCESSIBLE PARKING SPACES ARE REQUIRED TO BE IDENTIFIED BY SIGNS, THE SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH ICC/ANSI SECTION 703.6. SUCH SIGNS SHALL BE 60 INCHES MIN. ABOVE THE FLOOR OR GROUND SURFACE OF THE PARKING SPACE, MEASURED TO THE BOTTOM OF THE SIGN.

PASSENGER LOADING ZONES (ICC/ANSI SEC. 503):

VEHICLE PULL-UP SPACE: PASSENGER LOADING ZONES SHALL PROVIDE AN ACCESS AISLE ADJACENT AND PARALLEL TO A VEHICLE PULL-UP SPACE 96 INCHES MIN. WIDTH AND 20 FEET MIN. LENGTH. ACCESS AISLES: ACCESS AISLES SHALL BE PART OF THE ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE. ACCESS AISLES SERVING VEHICLE PULL-UP SPACES SHALL BE 60 INCHES WIDE MIN. AND 20 FEET LONG MIN. ACCESS AISLES SHALL BE MARKED SO AS TO DISCOURAGE PARKING IN THEM. FLOOR OR GROUND SURFACES: VEHICLE PULL-UP SPACES IN PASSENGER LOADING ZONES AND ACCESS AISLES SHALL HAVE SURFACE SLOPES NOT STEEPER THAN 1:48. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACE THEY SERVE. VERTICAL CLEARANCE: VERTICAL CLEARANCE OF 114 INCHES MIN. SHALL BE PROVIDED AT PASSENGER LOADING ZONES AND ALONG VEHICLE ACCESS ROUTES TO SUCH AREAS FROM SITE ENTRANCES.

STAIRWAYS (ICC/ANSI SEC. 504):

TREADS AND RISERS: ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTH. RISERS SHALL BE 4 INCHES HIGH MIN. AND 7 INCHES MAX. TREADS SHALL BE 11 INCHES DEEP MIN., MEASURED FROM RISER TO RISER. OPEN RISERS SHALL NOT BE PERMITTED. STAIR TREAD SURFACE SHALL COMPLY WITH ICC/ANSI SECTION 302. NOSINGS: THE RADIUS OF CURVATURE AT THE LEADING EDGE OF THE TREAD SHALL BE 1/2 INCH MAX. NOSINGS THAT PROJECT BEYOND RISERS SHALL HAVE THE UNDERSIDE OF THE LEADING EDGE CURVED OR BEVELED. RISERS SHALL BE PERMITTED TO SLOPE UNDER THE TREAD AT AN ANGLE OF 30 DEGREES MAX. FROM VERTICAL. THE PERMITTED PROJECTION OF THE NOSING SHALL BE 1-1/2 INCHES MAX. BEYOND THE TREAD BELOW. OUTDOOR CONDITIONS: OUTDOOR STAIRS AND OUTDOOR APPROACHES TO STAIRS SHALL BE DESIGNED SO THAT WATER WILL NOT ACCUMULATE ON WALKING SURFACES.

HANDRAILS (ICC/ANSI SEC. 505):

LOCATION: HANDRAILS SHALL BE PROVIDED ON BOTH SIDES OF STAIRS AND RAMPS. IN ASSEMBLY SEATING AREAS, HANDRAILS SHALL NOT BE REQUIRED ON BOTH SIDES ALONG AISLE STAIRS, PROVIDED WITH A HANDRAIL EITHER AT THE SIDE OR WITHIN THE AISLE. HANDRAILS SHALL NOT BE REQUIRED ON THE SIDES OF RAMPED AISLES SERVING SEATS. CONTINUITY: HANDRAILS SHALL BE CONTINUOUS WITHIN THE FULL LENGTH OF EACH STAIR FLIGHT OR RAMP RUN. INSIDE HANDRAILS ON SWITCHBACK OR DOGLEG STAIRS OR RAMPS SHALL BE CONTINUOUS BETWEEN FLIGHTS OR RUNS. HEIGHT: TOP OF GRIPPING SURFACES OF HANDRAILS SHALL BE 34 INCHES MIN. AND 38 INCHES MAX. VERTICALLY ABOVE STAIR NOSINGS, RAMP SURFACES, AND WALKING SURFACES. HANDRAILS SHALL BE AT A CONSISTENT HEIGHT ABOVE STAIR NOSINGS AND RAMP SURFACES. CLEARANCE: CLEAR SPACE BETWEEN HANDRAIL AND WALL SHALL BE 1-1/2 INCHES MIN. GRIPPING SURFACES: GRIPPING SURFACES SHALL BE CONTINUOUS, WITHOUT INTERRUPTION BY NEWEL POSTS, OTHER CONSTRUCTION ELEMENTS, OR OBSTRUCTIONS. HANDRAIL BRACKETS OR BALUSTERS ATTACHED TO THE BOTTOM SURFACE OF THE HANDRAIL ARE ALLOWED IF NOT MORE THAN 20 PERCENT OF THE HANDRAIL LENGTH IS OBSTRUCTED. SEE SECTION 505.6 FOR ADDITIONAL HORIZONTAL PROJECTION EXCEPTIONS. HANDRAILS, AND ANY WALL OR OTHER SURFACES ADJACENT TO THEM, SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. HANDRAILS SHALL NOT ROTATE WITHIN THEIR FITTINGS AND THEY SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4 INCH MIN. AND 2 INCHES MAX. NON-CIRCULAR CROSS SECTIONS: HANDRAILS WITH OTHER SHAPES SHALL BE PERMITTED PROVIDED THEY HAVE A PERIMETER DIMENSION OF 4 INCHES MIN. AND 6-1/4 INCHES MAX. AND PROVIDED THEIR LARGEST CROSS-SECTION DIMENSION IS 2-1/4 INCHES MAX. TOP EXTENSION AT STAIRS: AT THE TOP OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE THE LANDING FOR 12 INCHES MIN. BEGINNING DIRECTLY ABOVE THE FIRST RISER NOSING. SUCH EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE WALKING SURFACE, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT. BOTTOM EXTENSION AT STAIRS: AT THE BOTTOM OF A STAIR FLIGHT, HANDRAILS SHALL EXTEND AT THE SLOPE OF THE STAIR FLIGHT FOR A HORIZONTAL DISTANCE EQUAL TO ONE TREAD DEPTH BEYOND THE LAST RISER NOSING. IF PROVIDED AT THE BOTTOM OF A STAIR FLIGHT, A HORIZONTAL HANDRAIL SHALL BE 12 INCHES LONG MIN. AND A HEIGHT EQUAL TO THAT OF THE SLOPING PORTION OF THE HANDRAIL AS MEASURED ABOVE THE STAIR NOSINGS. SUCH EXTENSION SHALL RETURN TO A WALL, GUARD, OR THE WALKING SURFACE OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT STAIR FLIGHT.

DRINKING FOUNTAINS (ICC/ANSI SEC. 602):

CLEAR FLOOR OR GROUND SPACE: A 30" X 48" CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED. WHERE A FORWARD APPROACH IS PROVIDED, THE CLEAR FLOOR OR GROUND SPACE SHALL BE CENTERED ON THE UNIT AND SHALL INCLUDE KNEE AND TOE CLEARANCE. WHERE A PARALLEL APPROACH IS PROVIDED, THE CLEAR FLOOR OR GROUND SPACE SHALL BE CENTERED ON THE UNIT. SPOUT HEIGHT AND LOCATION: SPOUT OUTLETS FOR WHEELCHAIR ACCESSIBILITY SHALL BE 36 INCHES MAX. ABOVE THE FLOOR OR GROUND. SPOUT OUTLETS FOR STANDING PERSONS SHALL BE 38 INCHES MIN. AND 43 INCHES MAX. ABOVE FLOOR OR GROUND. UNITS WITH A PARALLEL APPROACH SHALL HAVE THE SPOUT 3-1/2 INCHES MAX. FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. UNITS WITH A FORWARD APPROACH SHALL HAVE THE SPOUT 15 INCHES MIN. FROM THE VERTICAL SUPPORT AND 5 INCHES MAX. FROM THE FRONT EDGE OF THE UNIT, INCLUDING BUMPERS. OPERABLE PARTS SHALL COMPLY WITH ICC/ANSI SECTION 309 AND PROTRUDING UNITS SHALL COMPLY WITH ICC/ANSI SECTION 307.

TOILET AND BATHING ROOMS (ICC/ANSI SEC. 603 AND 604):

WHEELCHAIR TURNING SPACE: A CIRCULAR 60" DIAMETER WHEELCHAIR TURNING SPACE OR A T-SHAPED TURNING SPACE COMPLYING WITH ICC/ANSI SECTION 304 SHALL BE PROVIDED. DOORS: DOORS SHALL NOT SWING INTO THE CLEAR FLOOR OR GROUND SPACE OR CLEARANCE FOR ANY FIXTURE EXCEPT WHERE THE ROOM IS FOR INDIVIDUAL USE AND A 30" X 48" CLEAR FLOOR OR GROUND SPACE IS PROVIDED WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING. LOCATION: THE WATER CLOSET SHALL BE POSITIONED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 16 INCHES MIN. TO 18 INCHES MAX. FROM THE SIDE WALL OR PARTITION. WATER CLOSET CLEAR SPACE: CLEARANCE AROUND THE WATER CLOSET SHALL BE 60 INCHES MIN. MEASURED PERPENDICULAR FROM THE SIDE WALL, AND 36 INCHES MIN. MEASURED PERPENDICULAR FROM THE REAR WALL. NO OTHER FIXTURES OR OBSTRUCTIONS SHALL BE WITHIN THE WATER CLOSET CLEARANCE. OVERLAP: THE CLEARANCE AROUND THE WATER CLOSET SHALL BE PERMITTED TO OVERLAP THE WATER CLOSET, ASSOCIATED GRAB BARS, TISSUE DISPENSERS, ACCESSIBLE ROUTES AND CLEAR FLOOR OR GROUND SPACE OR CLEARANCES AT OTHER FIXTURES AND THE WHEELCHAIR TURNING SPACE. WATER CLOSET HEIGHT AND CONTROLS: THE TOP OF WATER CLOSET SEATS SHALL BE 17 INCHES MIN. AND 19 INCHES MAX. ABOVE THE FLOOR OR GROUND. SEATS SHALL NOT RETURN AUTOMATICALLY TO A LIFTED POSITION. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC. HAND-OPERATED FLUSH CONTROLS SHALL COMPLY WITH ICC/ANSI SECTION 309. GRAB BARS: GRAB BARS SHALL BE PROVIDED ON THE REAR WALL AND ON THE SIDE WALL CLOSEST TO THE WATER CLOSET. SIDE WALL GRAB BAR SHALL BE 42 INCHES LONG MIN., 12 INCHES MAX. FROM THE REAR WALL AND EXTENDING 54 INCHES MIN. FROM THE REAR WALL. IN ADDITION, A VERTICAL GRAB BAR 18 INCHES MIN. IN LENGTH SHALL BE MOUNTED WITH THE BOTTOM OF THE BAR LOCATED BETWEEN 39 INCHES AND 41 INCHES ABOVE THE FLOOR WITH THE CENTER LINE OF THE BAR LOCATED BETWEEN 39 INCHES AND 41 INCHES FROM THE REAR WALL. THE REAR WALL GRAB BAR SHALL BE 36 INCHES LONG MIN. AND EXTEND FROM THE CENTER LINE OF THE WATER CLOSET A MIN. OF 12 INCHES ON THE SIDE CLOSEST TO THE WALL AND 24 INCHES MIN. ON THE TRANSFER SIDE. DISPENSERS: DISPENSERS SHALL COMPLY WITH SECTION 309.4 AND 609.3. WHERE THE DISPENSER IS LOCATED ABOVE THE GRAB BAR, THE OUTLET OF THE DISPENSER SHALL BE LOCATED WITHIN AN AREA 24 INCHES MIN. AND 36 INCHES MAX. FROM THE REAR WALL, AND 36 INCHES MIN. AND 41 INCHES MAX. FROM THE REAR WALL. WHERE A DISPENSER IS LOCATED BELOW THE GRAB BAR, THE OUTLET OF A DISPENSER SHALL BE LOCATED WITHIN AN AREA 24 INCHES MIN. AND 42 INCHES MAX. FROM THE REAR WALL. THE OUTLET OF THE DISPENSER SHALL BE LOCATED 18 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FLOOR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY, OR THAT DO NOT ALLOW CONTINUOUS PAPER FLOW. MIRRORS: MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE OF THE REFLECTING SURFACE 40 INCHES MAX. ABOVE THE FLOOR OR GROUND. COAT HOOKS AND SHELVES: COAT HOOKS PROVIDED WITHIN TOILET ROOMS SHALL ACCOMMODATE A FORWARD REACH OR SIDE REACH COMPLYING WITH ICC/ANSI SECTION 308. WHERE PROVIDED, A FOLD-DOWN SHELF SHALL BE 40 INCHES MIN. AND 48 INCHES MAX. ABOVE THE FLOOR OR GROUND.

604.11 WATER CLOSETS AND TOILET COMPARTMENTS FOR CHILDREN'S USE:

GENERAL: ACCESSIBLE WATER CLOSETS AND TOILET COMPARTMENTS PRIMARILY FOR CHILDREN'S USE SHALL COMPLY WITH SECTION 604.11. LOCATION: THE WATER CLOSET PRIMARILY FOR CHILDREN'S USE SHALL BE LOCATED WITH A WALL OR PARTITION TO THE REAR AND TO ONE SIDE. THE CENTERLINE OF THE WATER CLOSET SHALL BE 12 INCHES (305 MM) MINIMUM AND 18 INCHES (455 MM) MAXIMUM

FROM THE SIDE WALL OR PARTITION. WATER CLOSETS LOCATED IN AMBULATORY ACCESSIBLE TOILET COMPARTMENTS SPECIFIED IN SECTION 604.10 SHALL BE LOCATED AS SPECIFIED IN SECTION 604.2. CLEARANCE: A CLEARANCE AROUND THE WATER CLOSET PRIMARILY FOR CHILDREN'S USE COMPLYING WITH SECTION 604.3 SHALL BE PROVIDED. HEIGHT: THE HEIGHT OF WATER CLOSET SEATS PRIMARILY FOR CHILDREN'S USE SHALL BE 11 INCHES (280 MM) MINIMUM AND 17 INCHES (430 MM) MAXIMUM ABOVE THE FLOOR, MEASURED TO THE TOP OF THE SEAT. SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION. GRAB BARS: GRAB BARS FOR WATER CLOSETS PRIMARILY FOR CHILDREN'S USE SHALL COMPLY WITH SECTION 604.5. FLUSH CONTROLS: FLUSH CONTROLS PRIMARILY FOR CHILDREN'S USE SHALL BE HAND OPERATED OR AUTOMATIC. HAND OPERATED FLUSH CONTROLS SHALL COMPLY WITH SECTIONS 309.2 AND 309.4 AND SHALL BE INSTALLED 36 INCHES (915 MM) MAXIMUM ABOVE THE FLOOR. FLUSH CONTROLS SHALL BE LOCATED ON THE OPEN SIDE OF THE WATER CLOSET. EXCEPTION: IN AMBULATORY ACCESSIBLE COMPARTMENTS COMPLYING WITH SECTION 604.10, FLUSH CONTROLS SHALL BE PERMITTED TO BE LOCATED ON EITHER SIDE OF THE WATER CLOSET. DISPENSERS: TOILET PAPER DISPENSERS PRIMARILY FOR CHILDREN'S USE SHALL COMPLY WITH SECTION 309.4. THE OUTLET OF DISPENSERS SHALL BE LOCATED WITHIN AN AREA 24 INCHES (610 MM) MINIMUM AND 42 INCHES (1065 MM) MAXIMUM FROM THE REAR WALL. THE OUTLET OF THE DISPENSER SHALL BE 14 INCHES (355 MM) MINIMUM AND 19 INCHES (485 MM) MAXIMUM ABOVE THE FLOOR. THERE SHALL BE A CLEARANCE OF 11/2 INCHES (38 MM) MINIMUM BELOW THE GRAB BAR. DISPENSERS SHALL NOT BE OF A TYPE THAT CONTROL DELIVERY OR DO NOT ALLOW CONTINUOUS PAPER FLOW. TOILET COMPARTMENTS: TOILET COMPARTMENTS PRIMARILY FOR CHILDREN'S USE SHALL COMPLY WITH SECTIONS 604.9 AND 604.10, AS APPLICABLE.

LAVATORIES AND SINKS (ICC/ANSI SEC. 606):

CLEAR FLOOR OR GROUND SPACE: A 30" X 48" CLEAR FLOOR OR GROUND SPACE POSITIONED FOR FORWARD APPROACH SHALL BE PROVIDED. KNEE AND TOE CLEARANCE SHALL BE PROVIDED. HEIGHT AND CLEARANCES: THE FRONT OF LAVATORIES AND SINKS SHALL BE 34 INCHES MAX. ABOVE THE FLOOR OR GROUND, MEASURED TO THE HIGHER OF THE FIXTURE RIM OR COUNTER SURFACE. FAUCETS SHALL COMPLY WITH ICC/ANSI SECTION 309. HAND-OPERATED, SELF-CLOSING FAUCETS SHALL REMAIN OPEN FOR 10 SECONDS MIN. EXPOSED PIPES AND SURFACES: WATER SUPPLY AND DRAINPIPPES UNDER LAVATORIES AND SINKS SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES AND SINKS.

GRAB BARS (ICC/ANSI SEC. 609):

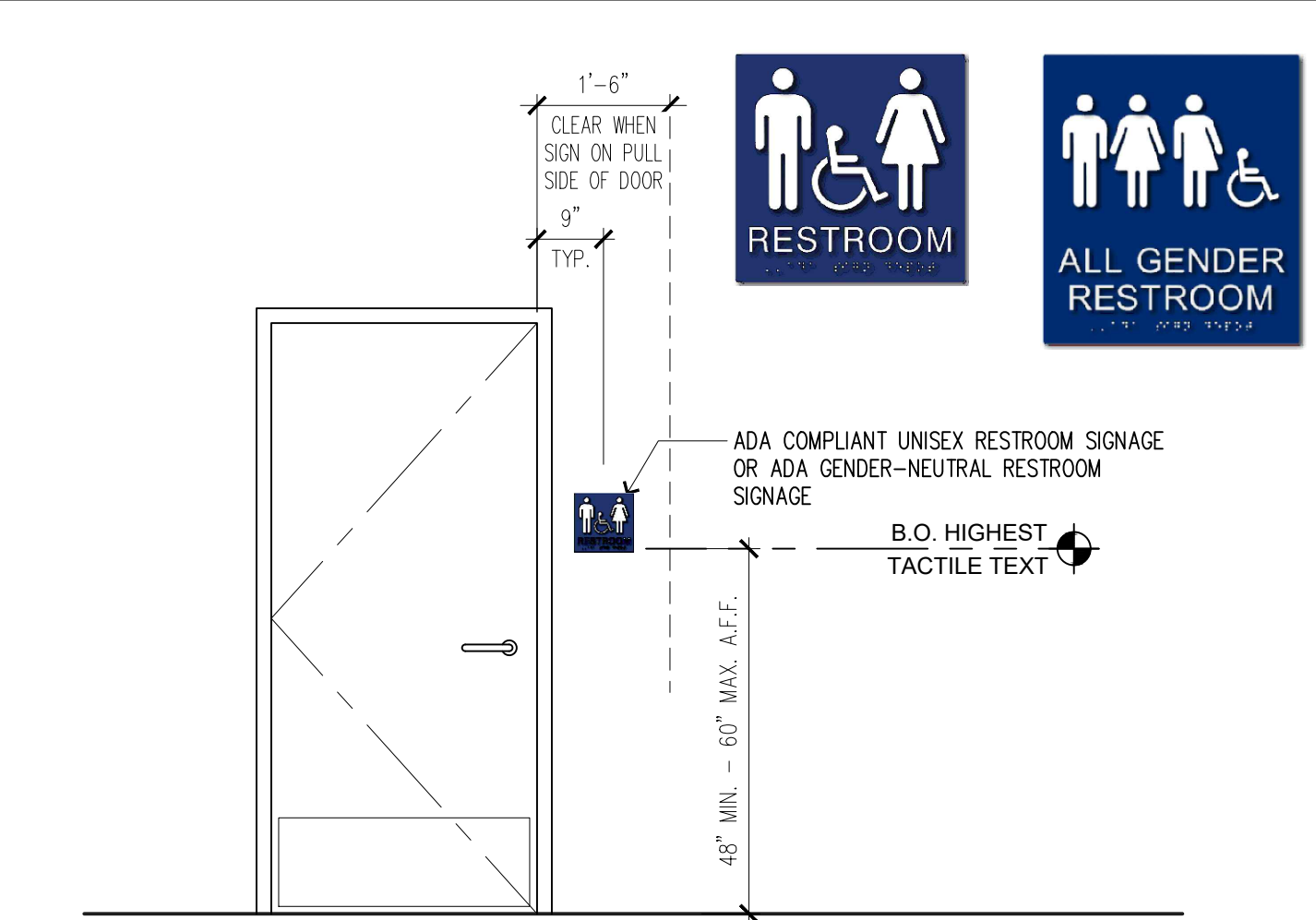
SIZE: GRAB BARS SHALL HAVE A CIRCULAR CROSS SECTION WITH A DIAMETER OF 1-1/4 INCH MIN. AND 2 INCHES MAX. NON-CIRCULAR CROSS-SECTIONS: GRAB BARS WITH OTHER SHAPES SHALL BE PERMITTED PROVIDED THEY HAVE A CROSS SECTION DIMENSION OF 2 INCHES MAX., AND A PERIMETER DIMENSION OF 4 INCHES MIN. AND 4.8 INCHES MAX. AND WITH EDGES HAVING 1/8 INCH MIN. RADIUS. SPACING: THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2 INCHES. THE SPACE BETWEEN THE GRAB BAR AND OBJECTS BELOW AND AT THE ENDS SHALL BE 1-1/2 INCHES MIN. THE SPACE BETWEEN THE GRAB BAR AND PROJECTING OBJECTS ABOVE SHALL BE 12 INCHES MIN. POSITION OF GRAB BARS: GRAB BARS SHALL BE MOUNTED IN A HORIZONTAL POSITION, 33 INCHES MIN. AND 36 INCHES MAX. ABOVE THE FLOOR. SURFACE HAZARDS: GRAB BARS AND ANY WALL OR OTHER SURFACES ADJACENT TO GRAB BARS SHALL BE FREE OF SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A RADIUS OF 1/8 INCH MIN. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. INSTALLATION: GRAB BARS SHALL BE INSTALLED IN ANY MANNER THAT PROVIDES A GRIPPING SURFACE AT THE LOCATIONS SPECIFIED IN THIS STANDARD AND THAT DOES NOT OBSTRUCT THE CLEAR FLOOR SPACE. STRUCTURAL STRENGTH: ALLOWABLE STRESSES IN BENDING, SHEAR, AND TENSION SHALL NOT BE EXCEEDED FOR MATERIALS USED WHERE A VERTICAL OR HORIZONTAL FORCE OF 250 POUNDS IS APPLIED AT ANY POINT ON THE GRAB BAR, FASTENER MOUNTING DEVICE OR SUPPORTING STRUCTURE.

SIGNAGE (ALL SIGNAGE TO COMPLY WITH ICC/ANSI CHAP. 7):

ACCESSIBLE ENTRANCES: ACCESSIBLE BUILDING ENTRANCES SHALL BE IDENTIFIED WITH STANDARD SIGNS AND DIRECTIONAL SIGNS THAT COMPLY WITH ICC/ANSI SECTION 703 AND ARE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY IS REQUIRED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE. THE SYMBOL IS TO BE A WHITE FIGURE ON BLUE BACKGROUND (COLOR NO. 15090) IN FEDERAL STANDARD 595A. EXCEPTION: A SPECIAL SIGN OR IDENTIFICATION WHICH COMPLEMENTS DECOR OR A UNIQUE DESIGN MAY BE APPROVED WHEN IT IS DETERMINED BY AN ENFORCING AGENCY THAT SUCH SIGNS AND IDENTIFICATION PROVIDE ADEQUATE DIRECTION. CHARACTERS: LETTERS AND NUMBERS ON SIGNS ARE TO HAVE A WIDTH TO HEIGHT RATIO OF BETWEEN 3:5 AND 1:1, AND A STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10. WHEN RAISED OR RECESSED CHARACTERS OR SYMBOLS ARE USED, THEY ARE TO BE RAISED OR RECESSED A MIN. 1/32 INCH AND ARE TO BE SANS SERIF TYPE FONT. RAISED CHARACTERS ARE TO BE AT LEAST 5/8 INCH HIGH AND RECESSED CHARACTERS AND SYMBOLS ARE TO HAVE A 1/4 INCH MIN. STROKE WIDTH. BRAILLE: CONTRACTED GRADE 2 BRAILLE SHALL COMPLY WITH SECTION 703.4, AND IS TO BE USED WHEREVER BRAILLE IS REQUIRED.

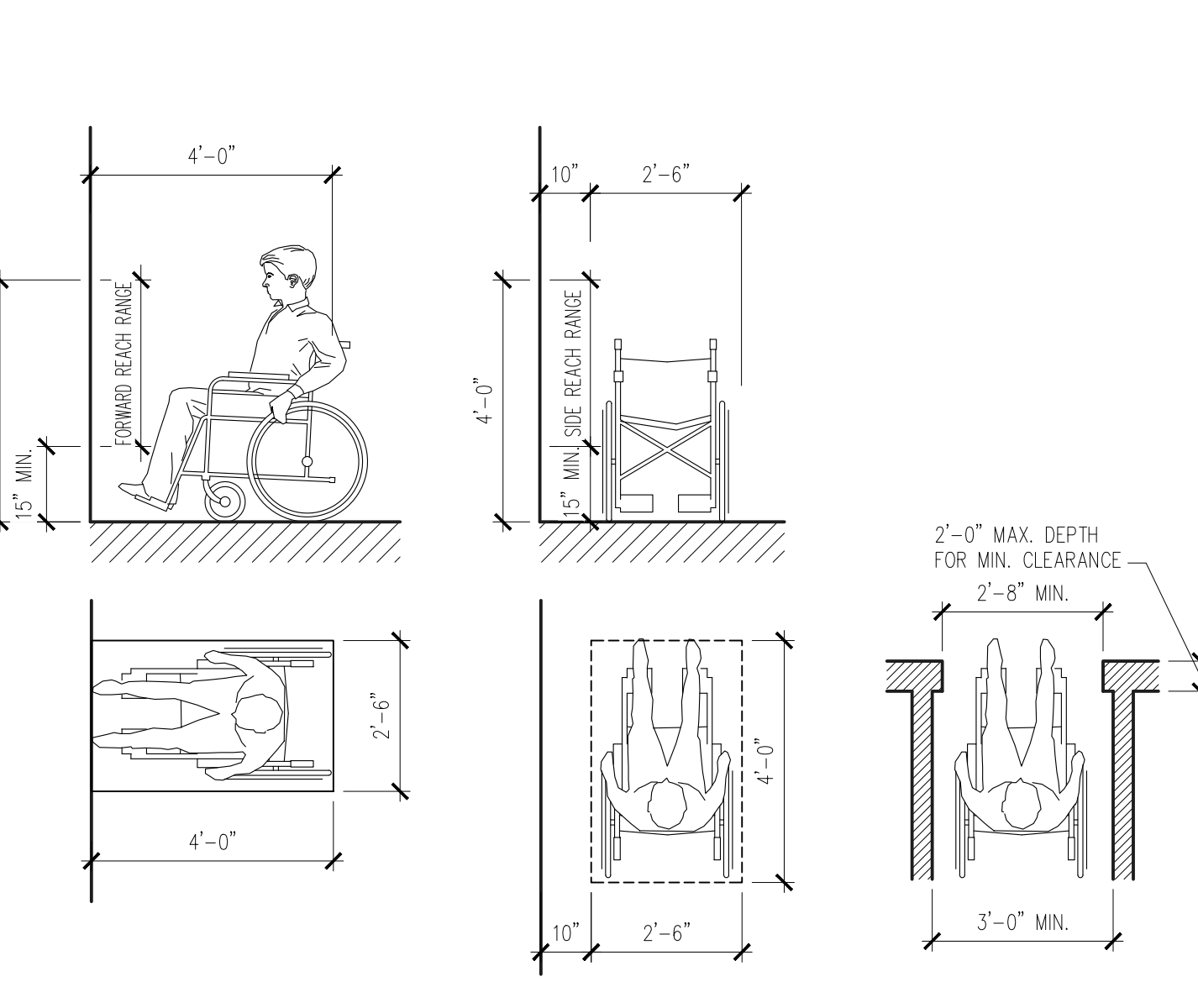
WHEELCHAIR ACCESSIBLE PUBLIC TELEPHONES (ICC/ANSI SEC. 704):

CLEAR FLOOR OR GROUND SPACE: A 30" X 48" CLEAR FLOOR OR GROUND SPACE SHALL BE PROVIDED. THE CLEAR FLOOR OR GROUND SPACE SHALL NOT BE RESTRICTED BY BASES, ENCLOSURES, OR FIXED SEATS. WHERE A PARALLEL APPROACH IS PROVIDED, THE DISTANCE FROM THE EDGE OF THE TELEPHONE ENCLOSURE TO THE FACE OF THE TELEPHONE UNIT SHALL BE 10 INCHES MAX. WHERE A FORWARD APPROACH IS PROVIDED, THE DISTANCE FROM THE FRONT EDGE OF A COUNTER WITHIN THE ENCLOSURE TO THE FACE OF THE TELEPHONE UNIT SHALL BE 20 INCHES MAX. OPERABLE PARTS: THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN THE REACH RANGES SPECIFIED IN SECTION 309. TELEPHONES SHALL HAVE PUSH BUTTON CONTROLS WHERE SERVICE FOR SUCH EQUIPMENT IS AVAILABLE. TELEPHONE DIRECTORIES: WHERE PROVIDED, TELEPHONE DIRECTORIES SHALL COMPLY WITH ICC/ANSI SECTION 309. CORD LENGTH: WHEELCHAIR ACCESSIBLE TELEPHONES SHALL BE EQUIPPED WITH A HANDESET CORD LENGTH OF 29 INCHES MIN. VOLUME-CONTROL TELEPHONES: TELEPHONES WITH VOLUME CONTROL SHALL BE EQUIPPED WITH A RECEIVER VOLUME CONTROL WITH A RANGE THAT PROVIDES 12 DB OF GAIN MIN. AND 20 DB OF GAIN MAX. AN AUTOMATIC RESET SHALL BE PROVIDED. TELEPHONES SHALL BE HEARING AID COMPATIBLE. TTY: WHERE USED WITH A PAY TELEPHONE, TEXT TELEPHONES SHALL BE PERMANENTLY AFFIXED WITHIN, OR ADJACENT TO THE TELEPHONE ENCLOSURE. IF AN ACOUSTIC COUPLER IS USED, THE TELEPHONE CORD SHALL BE SUFFICIENTLY LONG TO ALLOW CONNECTION OF THE TTY AND THE TELEPHONE RECEIVER. WHERE PAY TELEPHONES DESIGNED TO ACCOMMODATE A PORTABLE TTY ARE PROVIDED, THEY SHALL BE EQUIPPED WITH A SHELF AND AN ELECTRICAL OUTLET WITHIN OR ADJACENT TO THE TELEPHONE ENCLOSURE. THE TELEPHONE HANDESET SHALL BE CAPABLE OF BEING PLACED FLUSH ON THE SURFACE OF THE SHELF. THE SHELF SHALL BE CAPABLE OF ACCOMMODATING A TTY AND SHALL HAVE A 6 INCHES HIGH MIN. VERTICAL CLEARANCE ABOVE THE AREA WHERE THE TTY IS PLACED.

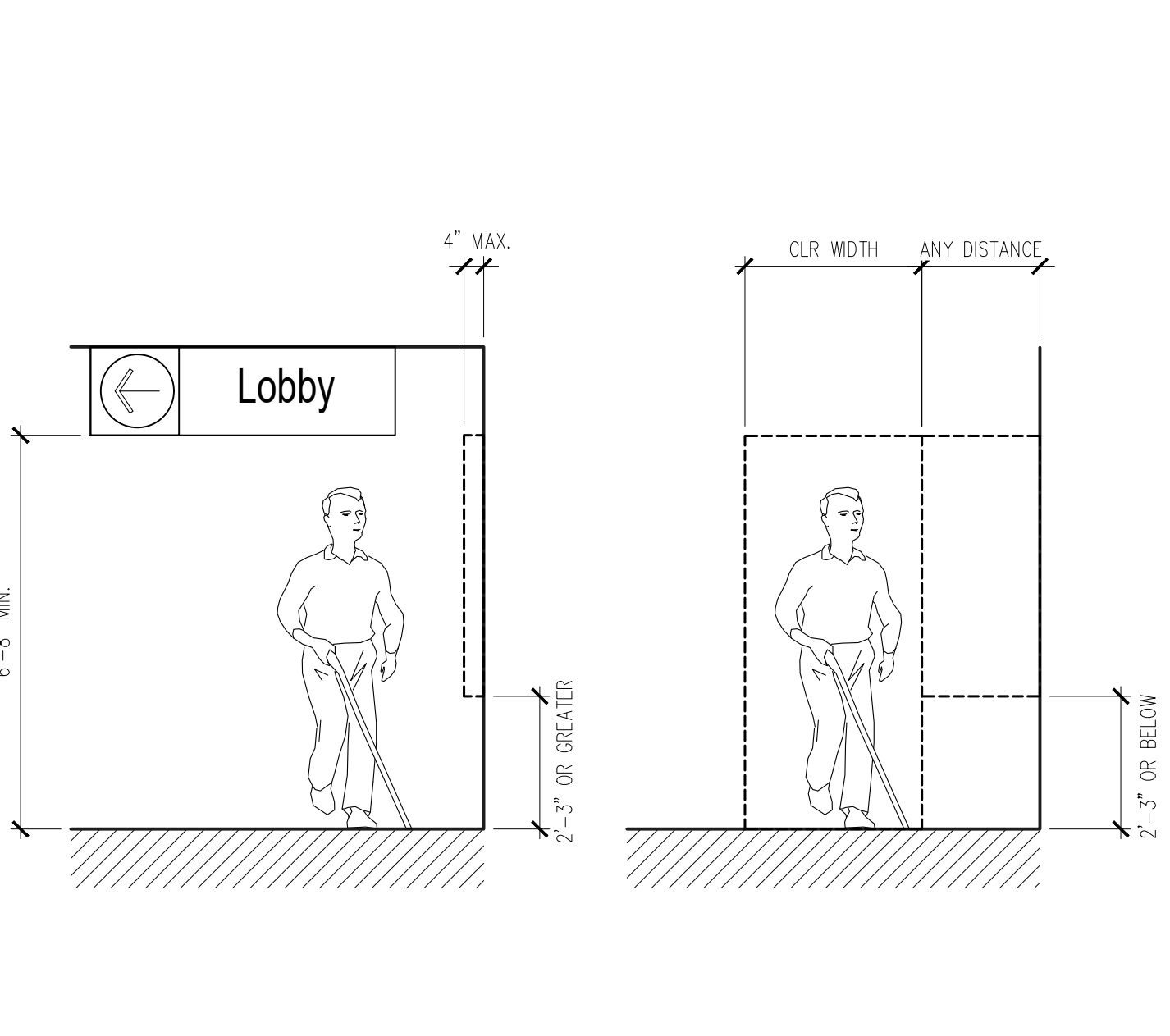


NOTE: PROVIDE SIGNS WITH RAISED AND BRAILLE CHARACTER SIGNAGE WITH A HIGH CONTRAST TO THE BACKGROUND, ALONG WITH A WHITE INTERNATIONAL SYMBOL OF ACCESSIBILITY (I.S.A.) ON A BLUE BACKGROUND, MOUNT ON THE TOILET ROOM ENTRANCE DOOR WALL ON THE LATCH SIDE OF THE DOOR. IF ADEQUATE ROOM IS NOT PROVIDED ON THE LATCH SIDE OF THE DOOR, THE SIGNAGE IS REQUIRED TO BE PROVIDED ON THE NEAREST ADJACENT WALL. SIGNAGE IS ALLOWED ON THE DOOR ONLY IF THE DOOR OPENS IN AWAY ON THE PUSH SIDE OF DOOR. I.S.A. SIGNAGE SHALL BE MOUNTED AT 48"-60" AFF TO THE BRAILLE LETTERING ON THE SIGN.

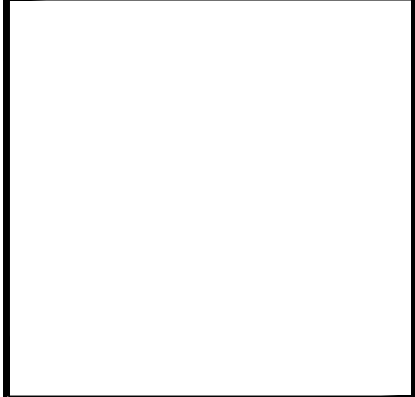
4 ACCESSIBLE SIGNAGE LOCATION
SCALE: 1/2" = 1'-0" ICC/ANSI CHAP. 7



8 REACH RANGES
SCALE: 3/8" = 1'-0" ICC/ANSI SEC. 308



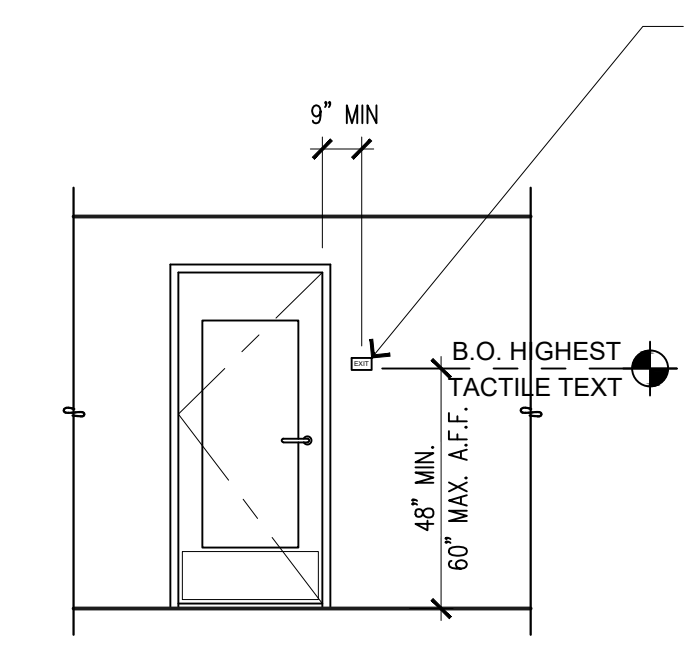
11 PROTRUDING OBJECTS
SCALE: 3/8" = 1'-0" ICC/ANSI SEC. 304, 305 & 306



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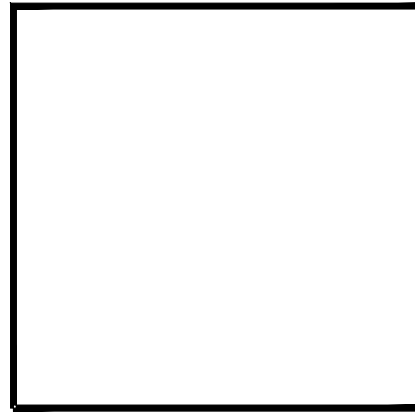
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EXIT
... ..



I.B.C. SECTION 1013 REQUIRES THAT EXIT AND EXIT ACCESS DOORS SHALL BE MARKED BY AN APPROVED EXIT SIGN READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL. THE EXIT SIGNAGE IS REQUIRED TO HAVE A HIGH CONTRAST WITH THE BACKGROUND WITH RAISED AND BRAILLE CHARACTERS. A WHITE I.S.A. ON A BLUE BACKGROUND SHALL BE INCLUDED FOR ACCESSIBLE DOORS. EXIT SIGNAGE SHALL BE MOUNTED ON THE WALL ON THE LATCH SIDE OF THE DOOR WITH 18" X 18" GROUND CLEARANCE O.C. IF ADEQUATE ROOM IS NOT PROVIDED ON THE LATCH SIDE OF THE DOOR, THE SIGNAGE IS REQUIRED TO BE PROVIDED ON THE NEAREST ADJACENT WALL. EXIT DOOR SIGNAGE SHALL BE MOUNTED BETWEEN 48" AND 60" A.F.F. MAX. TO THE BOTTOM OF BRAILLE CHARACTERS. THE I.S.A. SIGNAGE SHALL BE MOUNTED IMMEDIATELY ABOVE THE EXIT SIGN. AT NON-ACCESSIBLE ENTRANCES, DO NOT INCLUDE THE INTERNATIONAL SIGN OF ACCESSIBILITY. IT IS RECOMMENDED THAT THE CENTER OF THE SIGN BE SET NO CLOSER THAN 9" FROM THE FRAME OF A DOOR SO A VISUALLY IMPAIRED USER WOULD BE OUTSIDE OF THE DOOR SWING WHILE STANDING IN FRONT OF THE SIGN.

1 TACTILE EXIT SIGNAGE
 SCALE: NTS



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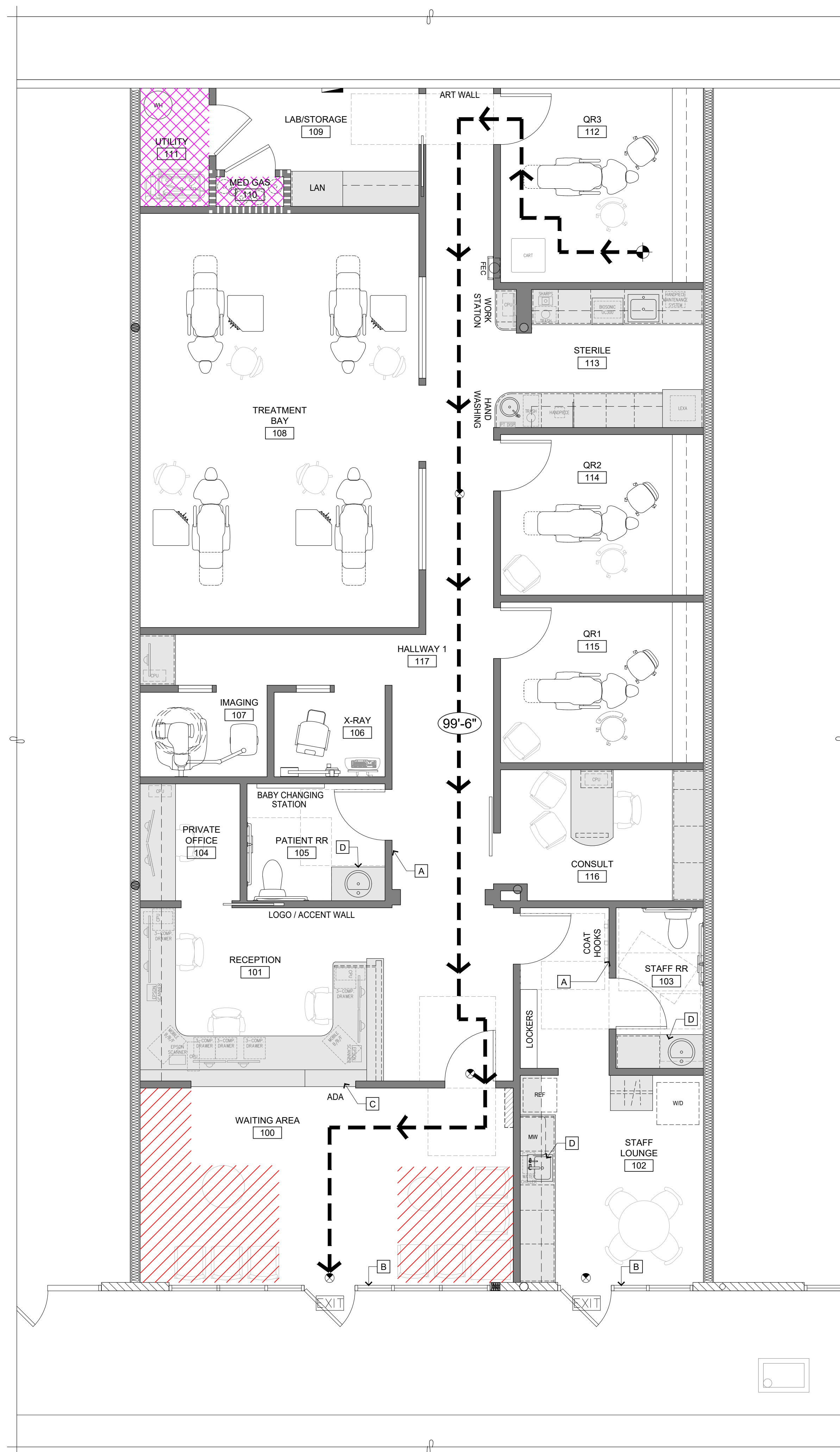
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ISSUE DATES
DESIGN APPROVAL:
PERMIT SUBMITTAL:
PERMIT RECEIVED:
BID DOCS:
CONSTR. DOCS:

24"x36" SCALE:	AS NOTED
PLOT DATE:	11-15-2022
CAD FILE:	22-068_A0.4.rvt
JOB NUMBER:	22-068
CHECKED:	
DRAWN:	PK
STATUS:	BID SET

ICC A17.1-2009 GENERAL
 CODE DETAILS
A0.4

EXAMPLE SET



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

KEY NOTES

- A** ADA CODE COMPLIANT RESTROOM SIGNAGE. (SEE DETAIL 4/A0.2.)
- B** ADA CODE COMPLIANT TACTILE EXIT SIGNAGE. (SEE DETAIL 1/A0.4.)
- C** ADA TRANSACTION COUNTER AT 36" AFF (PER ICC/ANSI A117.1-2009 SECTION 904.3.1.)
- D** ADA SINK COUNTER AT 34" AFF (PER ICC/ANSI A117.1-2009 SECTION 606.3.)

CHANGE OF USE NOTES

EXISTING USE OF "M" MERCANTILE IS BEING CHANGED TO "B" BUSINESS. THIS IS A PERMITTED USE IN LYNNWOOD MUNICIPAL CODE, TITLE 21 - ZONING, CODE 21.62.200 PERMITTED LAND USES (PROFESSIONAL OFFICES (INCLUDING MEDICAL AND VET CLINICS)).

1. PER TABLE 506.2, THE USE OF B IS ALLOWED IN A TYPE II-B CONSTRUCTION AS 1 STORY & 92,000 SF. AND WILL BE EQUIPPED WITH A SPRINKLER SYSTEM.

IEBC NOTE - CHANGE OF USE

THE COMPLIANCE PATH WILL BE IEBC, CHAPTER 10, CHANGE OF OCCUPANCY, SECTION 1011 CHANGE OF OCCUPANCY CLASSIFICATION.

SECTION 1011 - CHANGE OF OCCUPANCY CLASSIFICATION

1011.1.1 - COMPLIANCE WITH CHAPTER 9
-ALL CHANGES TO SPACE WILL REACH THE REQUIREMENTS OF CHAPTER 9 AND SECTION 1011.1.1.2.

1011.2 - FIRE PROTECTION SYSTEMS
-THE TENANT IMPROVEMENT SPACE WILL HAVE THE FIRE PROTECTION SYSTEM UPGRADED PER "B" REQUIREMENTS. THESE WILL BE ADDRESSED AS DEFERRED SUBMITTALS.

1011.3 - INTERIOR FINISHES
-ALL EXISTING AND NEW FINISHES IN THE SPACE WILL COMPLY WITH CURRENT IBC 2018 CODES.

1011.4 MEANS OF EGRESS
-PER TABLE 1011.4, THE EXISTING "M" IS HAZARD LEVEL 3. THE NEW "B" USE IS HAZARD LEVEL 4. UPGRADES TO THE NEW "B" SPACE WILL BE MADE TO COMPLY WITH 2018 IBC 1011.4 HAZARD LEVEL 4 REQUIREMENTS.
-ALL THE MEANS OF EGRESS LIGHTING & EXIT SIGNS WILL BE UPGRADED TO COMPLY WITH 2018 IBC, CHAPTER 10.

1011.5 HEIGHTS AND AREAS
-PER TABLE 1011.5, THE EXISTING "M" IS HAZARD LEVEL 3. THE NEW "B" USE IS HAZARD LEVEL 4 (THE LOWEST). UPGRADES TO THE NEW "B" SPACE WILL BE MADE TO COMPLY WITH 2018 IBC 1011.5 HAZARD LEVEL 4 REQUIREMENTS.

1011.6 EXTERIOR WALL FIRE-RESISTANCE RATINGS
-THE EXISTING "M" USE IS HAZARD LEVEL 2 AND THE NEW "B" USE IS HAZARD LEVEL 3. UPGRADES WILL BE MADE TO THE NEW "B" SPACE TO COMPLY WITH 2018 IBC 1011.6 STANDARDS.

1011.7 ENCLOSURE OF VERTICAL SHAFTS
-1011.7 DOES NOT APPLY TO EXISTING SPACE AS THERE ARE NO EXISTING VERTICAL SHAFTS.

PLUMBING FIXTURE CALCS

PLUMBING FIXTURE CALCULATIONS:
(PER IBC CHAPTER 29, TABLE 2902.1 REQUIREMENTS)

TOTAL OCCUPANTS BASED ON FUNCTION OR USE CALCULATED IN OCC LOAD BELOW.

CALCULATION	WATER CLOSETS	LAVATORIES	DRINKING FOUNTAIN
	MEN/WOMEN *	MEN/WOMEN *	**
REQUIRED FIXTURES	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER	1 PER FIRST 150 AND 1 PER 500 FOR THE REMAINDER
PROVIDED FIXTURES	1	1	N/A

* TOILET ROOMS (2902.2 SEPARATE FACILITIES): SEPARATE FACILITIES NOT REQUIRED WHEN TOTAL OCCUPANT LOAD IS 15 OR FEWER (INCLUDING BOTH EMPLOYEES AND CUSTOMERS); OR WHEN GENDER-NEUTRAL FACILITIES ARE PROVIDED IN ACCORDANCE WITH SECTION 2902.2.2.

** DRINKING FOUNTAIN (2902.5.1 DRINKING FOUNTAIN NUMBER): DRINKING FOUNTAIN NOT REQUIRED FOR OCCUPANT LOAD OF 30 OR FEWER.

GENERAL NOTES

1. REFER TO SHEET A2.1 FOR ADDITIONAL INFO.

BUILDING CODE SUMMARY

BUILDING CODE: 2018 IBC WITH STATE AMENDMENTS, CH. 51-50 WAC
OCCUPANCY CLASSIFICATION TYPE: GROUP B (BUSINESS)
BUILDING CONSTRUCTION TYPE: II-B
SPRINKLERED: YES
FIRE ALARM SYSTEM: YES

PARKING DATA

PER LEASE, NO CHANGE TO PARKING

EGRESS DATA & OCC LOAD

OCCUPANT LOAD SUMMARY:
PER TABLE 1004.5

FUNCTION OF SPACE	SQ. FT.	OCCUPANTS
BUSINESS AREAS	2052.9/150 GROSS = 13.7	14
ASSEMBLY (UNCONCENTRATED)	1171/115 NET = 7.8	8
ACCESSORY STORAGE, MECH	28.4/300 GROSS = 0.09	0
TOTAL:		22

TRAVEL DISTANCE REQUIREMENTS:

	REQUIRED	PROVIDED
EXITS	1	2
COMMON PATH OF TRAVEL:	100' MAX	99'-6"
LONGEST TRAVEL DISTANCE:	300' MAX	99'-6"

EGRESS TRAVEL DISTANCE (WITH SPRINKLERS) = < 300' PER IBC TABLE 1017.2
COMMON PATH OF TRAVEL (WITH SPRINKLERS) = < 100' PER IBC 1006.2.1

EGRESS LEGEND

- XX'** LONGEST EXIT ACCESS TRAVEL DISTANCE/LONGEST COMMON PATH OF TRAVEL DISTANCE
- FEC** FIRE EXTINGUISHER LOCATION
- EXIT** EXIT PATH SIGNAGE LOCATION
- EXIT** EXIT DOOR LOCATION
- |||||** 1-HR FIRE RATED WALL PER PLAN

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PERMIT SUBMITTAL:

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BID DOCS:

CONSTR. DOCS:

24"x36" SCALE: AS NOTED

PLOT DATE: 11-15-2022

CAD FILE: 22-068_PLANS

JOB NUMBER: 22-068

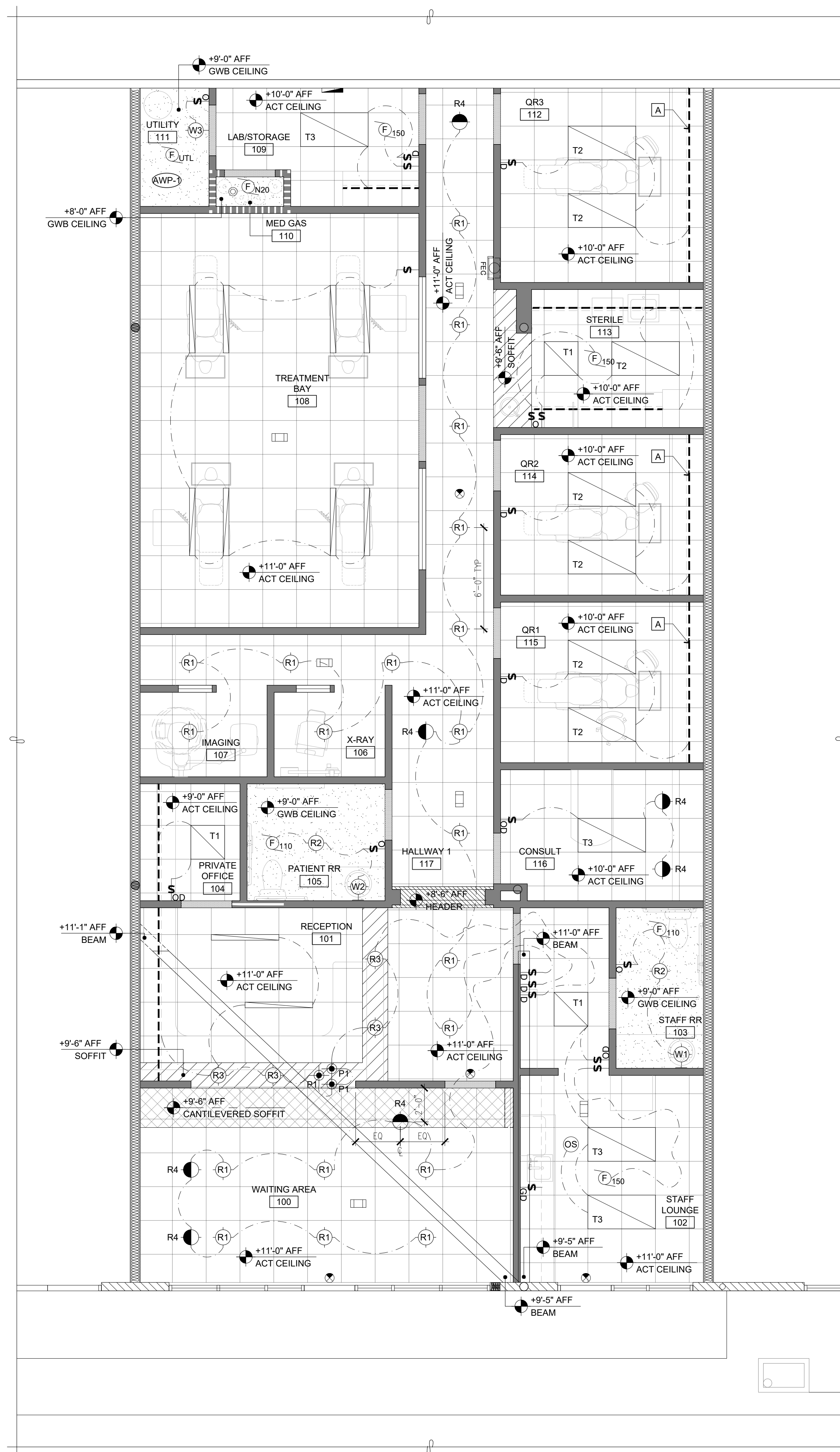
CHECKED:

DRAWN: PK

STATUS: BID SET

CODE PLAN AND CODE SUMMARY
A0.5

EXAMPLE SET



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

CEILING NOTES

- COORDINATE THE WORK OF ALL TRADES INVOLVED IN THE CEILING WORK TO ENSURE CLEARANCES FOR FIXTURES, DUCTS, PIPING, CEILING SUSPENSION SYSTEM, ETC., NECESSARY TO MAINTAIN THE FINISHED CEILING HEIGHTS INDICATED ON ARCHITECTS DRAWINGS. SEE MECHANICAL HVAC PLANS FOR SUPPLY AND EXHAUST GRILLE LOCATIONS.
- PERIMETER CEILING ANGLE, WHERE OCCURS, SHALL BE INSTALLED TIGHT TO VERTICAL SURFACES, FREE FROM CURVES, BREAKS OR OTHER IRREGULARITIES AND PAINTED TO MATCH CEILING FINISH.
- FURNISH AND INSTALL ALL ASSOCIATED TRIM AND SEISMIC BRACING AS REQUIRED.
- LIGHT FIXTURES, NEW SPRINKLERS AND OTHER CEILING ELEMENTS SHALL BE CENTERED IN THE 2'X2' SECTION OF INDIVIDUAL CEILING TILES (U.O.N. EXISTING SPRINKLERS (WHEN APPLICABLE) TO REMAIN UNLESS THERE IS A CONFLICT WITH NEW ELEMENTS.
- PROVIDE CEILING ACCESS AS REQUIRED FOR EQUIPMENT AND SYSTEM MAINTENANCE, AND MATCH ADJACENT CEILING FINISH U.O.N.
- ALL NEW SWITCHES AND DIMMERS SHALL BE LOCATED 48" ABOVE FINISHED FLOOR TO CENTER OF SWITCH, OR MATCH EXISTING SWITCH HEIGHTS (IF APPLICABLE) U.O.N. MULTIPLE SWITCHES AT ONE LOCATION SHALL BE GANGED TOGETHER AND FINISHED WITH ONE COVER PLATE U.O.N.
- ALL SOFFITS AND CEILING HEIGHTS ARE DIMENSIONED FROM TOP OF FINISHED FLOOR TO BOTTOM OF FINISHED GYPSUM BOARD OR CEILING TILE AND SHALL ALLOW FOR THICKNESS OF ALL FLOOR FINISHES.
- ALL SPECIFIC INFORMATION CONCERNING INSTALLATION FOR VARIOUS ABOVE-CEILING ELEMENTS ARE TO BE DESIGN BUILD, WITH DRAWINGS AND/OR OTHER DOCUMENTATION BY OTHERS (DEFERRED OR PERMITTED SEPARATELY).
- NOTIFY DESIGNER OF ANY CONFLICTS OF LIGHT FIXTURE LOCATIONS WITH MAIN RUNNERS, HVAC EQUIPMENT/DUCTS, STRUCTURAL ELEMENTS, ELECTRICAL CONDUIT OR PLUMBING PIPING, PRIOR TO ORDERING MATERIALS OR FRAMING FOR LIGHTS. ANY DISCREPANCIES BETWEEN ARCHITECTS REFLECTED CEILING PLAN, ELECTRICIANS LIGHTING PLANS, OR ACTUAL FIELD CONDITIONS ARE TO BE CLARIFIED WITH THE ARCHITECT IN WRITING BEFORE ORDERING MATERIALS OR PROCEEDING WITH WORK.
- (IF APPLICABLE) GC TO VERIFY CODE COMPLIANCE OF EXISTING ACOUSTICAL CEILING GRID SYSTEMS AND ASSOCIATED SEISMIC BRACING RESTRAINTS. SYSTEMS FOUND NOT IN COMPLIANCE SHALL BE MODIFIED AND/OR PROVIDED AS REQUIRED BY CURRENT BUILDING CODES, INCLUDING, BUT NOT LIMITED, TO CODE APPROVED WALL MOLDING (2" ANGLE OR BERC-2 CLIP SYSTEM) AND SEISMIC SEPARATION JOINTS.
- (IF APPLICABLE) GC TO VERIFY CODE COMPLIANCE OF ALL EXISTING LIGHTING FIXTURES. FIXTURES FOUND NOT IN COMPLIANCE SHALL BE MODIFIED AND/OR PROVIDED NEW AS REQUIRED BY CURRENT BUILDING AND/OR ENERGY COMPLIANCE CODES.
- INSTALL NEW LIGHT FIXTURES WITH PROTECTIVE FILM OR SIMILAR COVER OVER LOUVER, LENS, BAFFLE, ETC. TO AVOID FIXTURE SOILING OR DAMAGE. FIXTURES SHALL BE MAINTAINED CLEAN AND AS-NEW. ALL LAMPS SHALL BE NEW AT PROJECT COMPLETION. RE-LAMP EXISTING FIXTURES.
- SUBMIT GRILLE, THERMOSTAT, AND OTHER FIXTURE AND ELEMENT LAYOUTS TO DESIGNER FOR REVIEW AT LEAST 2 WEEKS PRIOR TO INSTALLATION.
- VERIFY FIELD CONDITIONS AND LOCATIONS OF ALL PLUMBING, MECHANICAL DUCTS, STRUCTURAL ELEMENTS AND ALL OTHER RELATED ITEMS. INSTALL NEW PLUMBING, MECHANICAL, FANS, DUCTS, CONDUITS, AND OTHER RELATED ITEMS SO AS TO NOT CONFLICT WITH ANY/ALL FIELD CONDITIONS INCLUDING LUMINAIRES.
- ANY MODIFIED OR NEW FIRE EXTINGUISHERS, EXIT SIGNAGE, EMERGENCY AND EGRESS PATH LIGHTING SHALL BE LOCATED WITH APPROVED BUILDING INSPECTOR AND FIRE MARSHAL'S FIELD PLACEMENT DETERMINATION.
- (IF APPLIES) ALL SMOKE AND/OR FIRE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH IMC/IBC OR SUPERSEDING CODE.
- MODIFIED OR NEW EGRESS ILLUMINATION SHALL BE PROVIDED PER IBC 1006. CONTRACTOR IS RESPONSIBLE FOR ANY MODIFICATION OR DESIGN OF THIS SYSTEM AND PROVIDE FULL COMPLIANCE.
- THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE (11 LUX) AT THE WALKING SURFACE.
- WSEC SECTION C504.6 REQUIRES LIGHTING CONTROLS FOR ALTERATIONS TO COMPLY WITH C405.2. OCCUPANCY SENSOR CONTROLS SHALL BE INSTALLED AS REQUIRED PER C405.2.1.
- DAYLIGHT ZONES SHALL BE DESIGNED SUCH THAT LIGHTS IN THE DAYLIGHT ZONE ARE CONTROLLED INDEPENDENTLY OF GENERAL LIGHTING IN ACCORDANCE WITH WSEC SECTION 405.2.4.1. REFERENCE WSEC SECTION C103.2.
- ALL OCCUPANCY SENSORS TO UTILIZE DUAL TECHNOLOGY (PDI) WITH PASSIVE INFRARED (PIR) PLUS ULTRASONIC / MICROPHONICS DETECTION.
- OCCUPANCY SENSORS IN RESTROOMS AND AREAS WHERE MANUAL-ON OPERATION WOULD ENDANGER THE SAFETY OR SECURITY OF THE ROOM OR BUILDING OCCUPANTS TO USE FULL AUTOMATIC-ON CONTROLS.
- ALL EXHAUST FANS TO VENT TO EXTERIOR AS REQUIRED PER CODE.

KEY NOTES

- VERIFY UNDER CABINET LIGHTING REQUIREMENTS AT DENTAL CABINETS SUPPLIED BY OTHERS.

SYMBOL LEGEND

	WALL SWITCH (DECORA STYLE TYP THROUGHOUT)
	WALL SWITCH WITH OCCUPANCY SENSOR
	WALL SWITCH WITH DIMMER
	WALL SWITCH CONNECTED TO SWITCHED RECEPTACLE FOR GARBAGE DISPOSAL (+7" ACH)
	CEILING MOUNTED OCCUPANCY SENSOR
	ELECTRICAL CIRCUIT
	RECESSED 2X2 & 2X4 TROFFER
	RECESSED LINEAR LED
	RECESSED DOWNLIGHT & WALL WASHER
	PENDANT
	WALL SCONCE
	UC LIGHTING
	EXHAUST FAN
	EXIT SIGN
	EXIT SIGN WITH EMERGENCY EGRESS LIGHTING
	EGRESS LIGHT (CEILING MOUNTED)
	SPRINKLER (BIDDER DESIGN) LOCATION: MED GAS/N2O CLOSET
	CEILING MOUNTED MONITOR (BY OTHERS)

CEILING LEGEND

	CEILING HEIGHT ABOVE FINISHED FLOOR
	CEILING PAINT FINISH (SEE FINISH SCHEDULE)
	2X2 T-BAR GRID CEILING WITH ACOUSTICAL CEILING TILES (ACT). SEE DETAILS ON SHEET A9.2.
	GWB CEILING, SEE DETAILS ON SHEET A9.2.
	GWB SOFFIT, HEIGHT PER RCP. SEE DETAIL 7/A9.2.
	CANTILEVERED GWB SOFFIT, HEIGHT PER RCP. SEE DETAIL 11/A9.2.
	GWB HEADER OVER WALL OPENING @ 7'-0" AFF
	DOOR FRAME HEADER

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24"x36" SCALE: AS NOTED
PLOT DATE: 11-15-2022
CAD FILE: 22-068_PLANS
JOB NUMBER: 22-068
CHECKED:
DRAWN: PK
STATUS: BID SET

EXAMPLE SET
REFLECTED CEILING PLAN
A2.2

LIGHTING SPECIFICATIONS

TYPE	MFR	SPECIFICATIONS	W	Lm	LAMP	FINISH	NOTES
T1	ENVISION	2X2 LED CENTER BASKET DIRECT/INDIRECT TROFFER ITEM: LED-CBT-2X2-PC-CCT-CRI90	25	3250	3500K 5000K 90+ CRI		5000K AT OPS, STERILE AND LAB. 3500K AT ALL OTHER LOCATIONS. SCREEN HATCH INDICATES 24 HR EMERGENCY BACKUP.
T2	ENVISION	2X4 LED CENTER BASKET DIRECT/INDIRECT TROFFER ITEM: LED-CBT-2X4-PC-CCT-CRI90	50	6500	3500K 5000K 90+ CRI		5000K AT STERILE 3500K AT ALL OTHER LOCATIONS. SCREEN HATCH INDICATES 24 HR EMERGENCY BACKUP.
T3	ENVISION	2X4 LED CENTER BASKET DIRECT/INDIRECT TROFFER ITEM: LED-CBT-2X4-PC-CCT-CRI90	35	4550	3500K 90+ CRI		SCREEN HATCH INDICATES 24 HR EMERGENCY BACKUP.
R1	NORA LIGHTING	4" LED MARQUISE II RECESSED DOWNLIGHT REFLECTOR: NRM2-411-L09-35-F-HZW HOUSING: NHMIC2-409-LE3	15	900	3500K 90+ CRI	HZW HAZE REFLECTOR WHITE FLANGE	WHERE 0-10V DIMMING AND 120V ONLY DRIVERS ARE NOT REQUIRED, USE LE3 DRIVER/DIMMER.
R2	NORA LIGHTING	4" LED MARQUISE II RECESSED DOWNLIGHT REFLECTOR: NRM2-411-L15-35-M-HZW HOUSING: NHMIC2-415-LE3	18	1500	3500K 90+ CRI	HZW HAZE REFLECTOR WHITE FLANGE	WHERE 0-10V DIMMING AND 120V ONLY DRIVERS ARE NOT REQUIRED, USE LE3 DRIVER/DIMMER.
R3	NORA LIGHTING	2" LED IOLITE RECESSED DOWNLIGHT REFLECTOR: NIOB-2RND-35X-HW/10 HOUSING: NHOICD-28-LE3	14	1000	3500K 90+ CRI	HW HAZE REFLECTOR WHITE FLANGE	WHERE 0-10V DIMMING AND 120V ONLY DRIVERS ARE NOT REQUIRED, USE LE3 DRIVER/DIMMER. FIELD CHANGEABLE OPTICS: NARROW FLOOD
R4	NORA LIGHTING	4" LED IOLITE ROUND ADJUSTABLE CONE REFLECTOR REFLECTOR: NIO-4RC-35X-HW/10 HOUSING: NHOICD-48	14	1000	3500K 90+ CRI	HW HAZE REFLECTOR WHITE FLANGE	WHERE 0-10V DIMMING AND 120V ONLY DRIVERS ARE NOT REQUIRED, USE LE3 DRIVER/DIMMER.
L1	MOBERN LIGHTING	RECESSED LED DIRECT LINEAR ITEM: L44R-48-LED-48-WH-MW-35-CRI90	48	4800	5000K 3500K 90+ CRI		5000K AT TREATMENT BAY. 3500K AT ALL OTHER LOCATIONS.
UC	NORA LIGHTING	LEDUR EDGE-LIT UNDER-CABINET LIGHT ITEM: NUDTW-88-LENGTH/23345-WH LENGTH: 18/22/32/42 (VERIFY WITH CASEWORK)	9 11 16 16	475 500K PER FOOT	3500K 90+ CRI	WHITE	5000K AT STERILIZATION, LAB & OPS. 3500K AT ALL OTHER LOCATIONS. PROVIDE APPLICABLE JUMPER CABLES IF NECESSARY. TASK LIGHTING IS EXEMPT FROM LIGHTING CALCS IN STERILIZATION AND LAB PER WSEC #C405.4.1 #2.1.
W1	WAC LIGHTING	STYX BATHROOM VANITY - 25" ITEM: WS-41125-3000K-BK	19W	824	3000K	BRUSHED BLACK	
W2	SAVOY HOUSE	CARSON 3-LIGHT BATHROOM VANITY LIGHT ITEM: 8-4050-3-BK	180W	TBD	TBD	MATTE BLACK	
W3	MOBERN LIGHTING	MULTI-PURPOSE BRACKET WALL MOUNT (OR SIMILAR) ITEM: 155-48-LED-30-WH-40	30	4065	4000K	WHITE	
P1	TBD	DECORATIVE LED PENDANT ITEM: TBD ALLOWANCE: \$300	TBD	45W EST	TBD	TBD	
EM	DUAL LITE	ARCHITECTURAL LED EGRESS LIGHT (CEILING MOUNTED) ITEM: EV2 WITH 1 WATT HEADS					ELECTRICIAN TO VERIFY LOCATION & PROVIDE QUANTITY OF FIXTURES PER CODE. MAXIMUM SPACING 30'-0" SO AS TO PROVIDE 1 FC AVERAGE.
EX	EXTRONIX	UNIVERSAL LED EDGE-LIT EXIT SIGN ITEM: SR900 SERIES MOUNTING: RECESSED - R (VERIFY ON SITE)	4			PANEL: GC FINISH: AG	INSTALL WITH REQUIRED BACK-UP BATTERY PER CODE.
F-110	NUTONE	ULTRA SILENT SERIES EXHAUST FAN ITEM: OTXEN110 (OR EQUAL)					
F-150	NUTONE	ULTRA SILENT SERIES EXHAUST FAN ITEM: OTXEN150 (OR EQUAL)					
F-UTL	VERIFY	UTILITY ROOM EXHAUST FAN CFM: VERIFY WITH DENTAL EQUIPMENT SPECIALIST INSTALL ON AUTOMATIC THERMOSTAT SET TO 80°					
F-N20	VERIFY	MED GAS CLOSET EXHAUST FAN CFM: VERIFY WITH MED GAS SUPPLIER					SEE MED GAS NOTES & DETAILS FOR MORE INFO.

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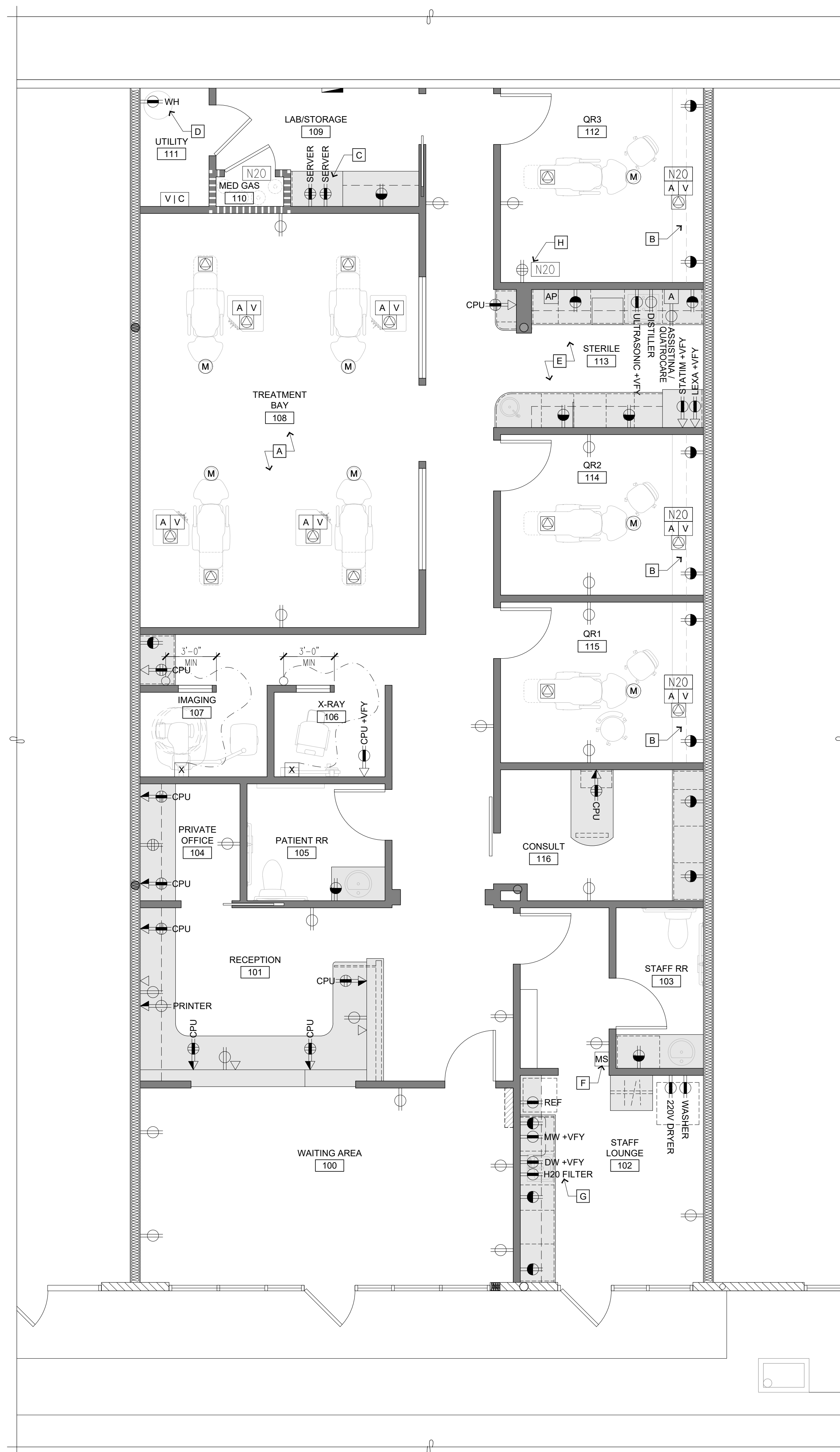
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LIGHTING
SPECIFICATIONS
A2.2A



ELECTRICAL AND PLUMBING LAYOUT PLAN
SCALE: 1/4" = 1'-0"

PLUMBING NOTES

1. SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF ALL FIXTURES IN RELATION TO STRUCTURAL AND OTHER ELEMENTS AS REQUIRED. NOTIFY DESIGNER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
2. COORDINATE ALL WORK RELATED TO EQUIPMENT WITH MANUFACTURER'S RECOMMENDATIONS, SPECIFICATIONS AND INSTRUCTIONS.
3. COORDINATE ALL PLUMBING REQUIREMENTS WITH THE CLIENT GUIDELINES.
4. SUBMIT ALL PLUMBING SPECIFICATIONS FOR APPROVAL BY DESIGNER. QUANTITIES ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. VERIFY ALL COUNTS.
5. PLUMBING FIXTURES TO COMPLY WITH REGULATIONS FOR BARRIER-FREE FACILITIES AND ADA REQUIREMENTS WHEN APPLICABLE. ADA RESTROOMS TO HAVE ALL EXPOSED PLUMBING PIPES AND DRAINS INSULATED.
6. PLUMBER TO PROVIDE HOT AND COLD WATER TO ALL SINK LOCATIONS.
7. WHERE FULL HEIGHT 3/4" BACKSPASH IS SPECIFIED, EXTEND PLUMBING SERVICES OUT 3/4" AS NEEDED.
8. PLUMBER TO SUPPLY ALL NECESSARY ACCESSORIES, FIXTURES, AND FITTINGS.
9. WATER HEATERS LOCATED ABOVE GROUND LEVEL OR IN ATTIC OR CEILING LOCATIONS: PLUMBER TO PROVIDE DRAIN PAN UNDER WATER HEATER AND INSTALL DRAIN PIPE AS REQUIRED PER CODE THAT TERMINATES OVER A SUITABLY LOCATED INDIRECT WASTE RECEPTOR OR FLOOR DRAIN, OR EXTENDS TO THE BUILDING EXTERIOR.

KEY NOTES

- A** VERIFY POWER & DATA REQUIREMENTS AT DENTAL EQUIPMENT WITH EQUIPMENT SPECIALIST.
- B** VERIFY ALL UTILITIES AT 12 O'CLOCK CABINERY WITH EQUIPMENT SPECIALIST AND CLIENTS.
- C** ELECTRICIAN AND LOW VOLTAGE SPECIALIST TO VERIFY POWER REQUIREMENTS LAN CLOSET LOCATION.
- D** VERIFY WATER HEATER LOCATION AND PROVIDE NECESSARY UTILITIES.
- E** VERIFY ALL DENTAL EQUIPMENT AND UTILITY REQUIREMENTS IN STERILIZATION WITH EQUIPMENT SPECIALIST AND CLIENTS.
- F** VERIFY LOCATION OF MASTER EQUIPMENT SWITCHES WITH CLIENTS.
- G** VERIFY UTILITY REQUIREMENTS FOR WATER FILTRATION FAUCET/COOLER IN STAFF LOUNGE WITH CLIENT.
- H** VERIFY N2O LOCATION IN QUIET ROOM 3 WITH CLIENTS AND EQUIPMENT SPECIALIST.

ELECTRICAL NOTES

1. THIS PLAN DEPICTS POWER AND DATA FOR LOCATION PURPOSES AND DESIGN INTENT ONLY. SEE ELECTRICAL AND DATA/TELECOMMUNICATIONS PLANS FOR MORE INFORMATION AND FULL SCOPE OF WORK. THIS PLAN DOES NOT SUPERCEDE FINAL PLANS AND REQUIREMENTS PROVIDED BY EQUIPMENT AND LOW-VOLT SPECIALISTS.
2. FURNISH AND INSTALL ALL RECEPTACLES AS REQUIRED. ONLY NEW RECEPTACLES ARE SHOWN. ALL EXISTING RECEPTACLES UNAFFECTED BY CONSTRUCTION ARE TO REMAIN AND ARE TO BE INTEGRATED INTO THE CURRENT PLAN WHERE POSSIBLE.
3. CONTRACTOR TO COORDINATE WITH CLIENT ALL LOCATIONS FOR SWITCHES, OUTLETS, PHONE AND COMPUTER DATA JACKS, AND THERMOSTATS, AND REQUIRED AMPS OF ALL EQUIPMENT.
4. SURVEY FIELD CONDITIONS AND VERIFY THAT WORK IS FEASIBLE AS SHOWN. VERIFY LOCATION OF ALL OUTLETS IN RELATION TO STRUCTURAL AND OTHER ELEMENTS AS REQUIRED. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
5. ELECTRICIAN'S POWER PLAN SHALL GOVERN THE WIRING LAYOUT AND INSTALLATION IN COMPLIANCE WITH ALL LAWS APPLICABLE AND ENFORCED BY GOVERNING AUTHORITIES.
6. COORDINATE ALL WORK RELATED TO EQUIPMENT WITH MANUFACTURER'S RECOMMENDATIONS, SPECIFICATIONS AND INSTRUCTIONS.
7. NOTIFY DESIGNER UPON COMPLETION OF OUTLET LAYOUT. DESIGNER SHALL SITE VERIFY ALL OUTLET LOCATIONS PRIOR TO COMMENCEMENT OF CORING OR OUTLET INSTALLATION.
8. DIMENSIONED HEIGHTS FOR ELECTRICAL BOXES ARE TO CENTERLINE OF BOX AND ARE TO BE LOCATED AS SPECIFIED. IF NO HEIGHT SPECIFICATION IS CALLED OUT, VERIFY WITH DESIGNER AND/OR CLIENT. MATCH EXISTING BOX HEIGHTS IF IN CLOSE PROXIMITY. INSTALL WALL MOUNTED OUTLETS 18" ABOVE FINISHED FLOOR, U.O.N. VERIFY HEIGHT OF OUTLETS ABOVE COUNTERTOPS, TYPICALLY 8" ABOVE COUNTERTOP, U.O.N. OUTLETS LABELED AS "VFY" TO BE VERIFIED WITH APPLICABLE EQUIPMENT.
9. MAINTAIN A 4" HORIZONTAL CLEARANCE IN ALL DIRECTIONS, MIN. FROM EDGE OF COVER PLATE, FOR WALL MOUNTED OUTLETS, OR FROM EDGE OF MONUMENT FOR FLOOR MOUNTED OUTLETS, WHEN ADJACENT TO A WALL, COLUMN, OR SIMILAR ELEMENTS, U.O.N.
10. GANG COVER PLATES SHALL BE ONE-PIECE, U.O.N.
11. ELECTRICAL SWITCH AND OUTLET COVER PLATES, SURFACE HARDWARE, ETC. SHALL BE INSTALLED AFTER PAINTING AND/OR APPLICATION OF WALL COVERINGS & CARPET SPECIFIED.
12. COORDINATE ANY UPS HOOK-UP AS REQUIRED. "H" INDICATES THAT AN OUTLET SHALL BE MOUNTED HORIZONTALLY.
13. VERIFY NEW FLUSH FLOOR OUTLET LOCATIONS WITH FURNITURE AND EQUIPMENT LAYOUT PRIOR TO INSTALLATION, IF APPLICABLE.
14. ALL NEW COMMERCIAL GRADE RECEPTACLES, COVER PLATES AND LIGHT SWITCHES TO BE DECORA STYLE IN WHITE FINISH, UNO. WHEN COLOR DENOTATION IS REQUIRED BY CODE, USE APPROPRIATELY COLORED DOT. VERIFY NUMBER OF CPUS TO BE GROUPED PER CIRCUIT WITH LOW VOLTAGE SPECIALIST (NO MORE THAN FOUR). USE GRAY DOT (OR SIMILAR) TO DENOTE COMPUTER OUTLETS.
15. INSTALL GFI RECEPTACLES AND DEDICATED CIRCUITS AS REQUIRED BY CODE AND PER EQUIPMENT SPECIFICATIONS. PROVIDE GFI OUTLETS AT ALL WET AREAS.
16. WHERE FULL-HEIGHT 3/4" BACKSPASH IS SPECIFIED, EXTEND ELECTRICAL SERVICES OUT 3/4".
17. SECURITY AND SOUND SYSTEMS (IF APPLICABLE) TO BE DESIGNED AND INSTALLED BY OTHERS. COORDINATE AND VERIFY REQUIREMENTS WITH CLIENT & LOW VOLT SPECIALIST.
18. WHEN REQUIRED BY CODE, INSTALL SEPARATE GROUND WIRE TO ALL MEDICAL TREATMENT ROOMS.
19. VERIFY ALL MEDICAL EQUIPMENT REQUIREMENTS AND LOCATIONS WITHIN DENTAL CABINERY WITH CLIENT.

SYMBOL LEGEND

	DUPLEX RECEPTACLE (DECORA STYLE TYPICAL THROUGHOUT)
	DEDICATED DUPLEX RECEPTACLE
	DUPLEX RECEPTACLE (+8" ABOVE MILLWORK COUNTERTOP)
	QUAD RECEPTACLE
	DEDICATED QUAD RECEPTACLE
	WALL MOUNTED DATA OUTLET (# DENOTES NUMBER OF OUTLETS)
	WALL MOUNTED VOICE & DATA OUTLET
	FLOOR MOUNTED DATA OUTLET
	ELECTRICAL PANEL
DENTAL EQUIPMENT & REQUIRED UTILITIES (VERIFY LOCATIONS AND REQUIREMENTS WITH CLIENT AND EQUIPMENT SPECIALIST)	
	DIRECT POWER CONNECTIONS AND DATA OUTLETS AT DENTAL EQUIPMENT
	AIR LINE
	VACUUM LINE
	IMAGING / X-RAY UNIT
	BELL WIRE FOR X-RAY / IMAGING FIRING BUTTON +55" AFF TYPICAL SPECIFICATION: DCI X-RAY EXPOSURE SWITCH KIT (OR EQUAL)
	VACUUM AND/OR COMPRESSOR UNIT
	MASTER EQUIPMENT SWITCHES FOR AIR VACUUM WATER N2O (VFY)
	CEILING MOUNTED MONITOR PROVIDE NECESSARY SUPPORT ABOVE CEILING GRID.
	WATER LINE
	NITROUS OXIDE & OXYGEN LINES
	WALL MOUNTED ALARM PANEL FOR N2O CLOSET

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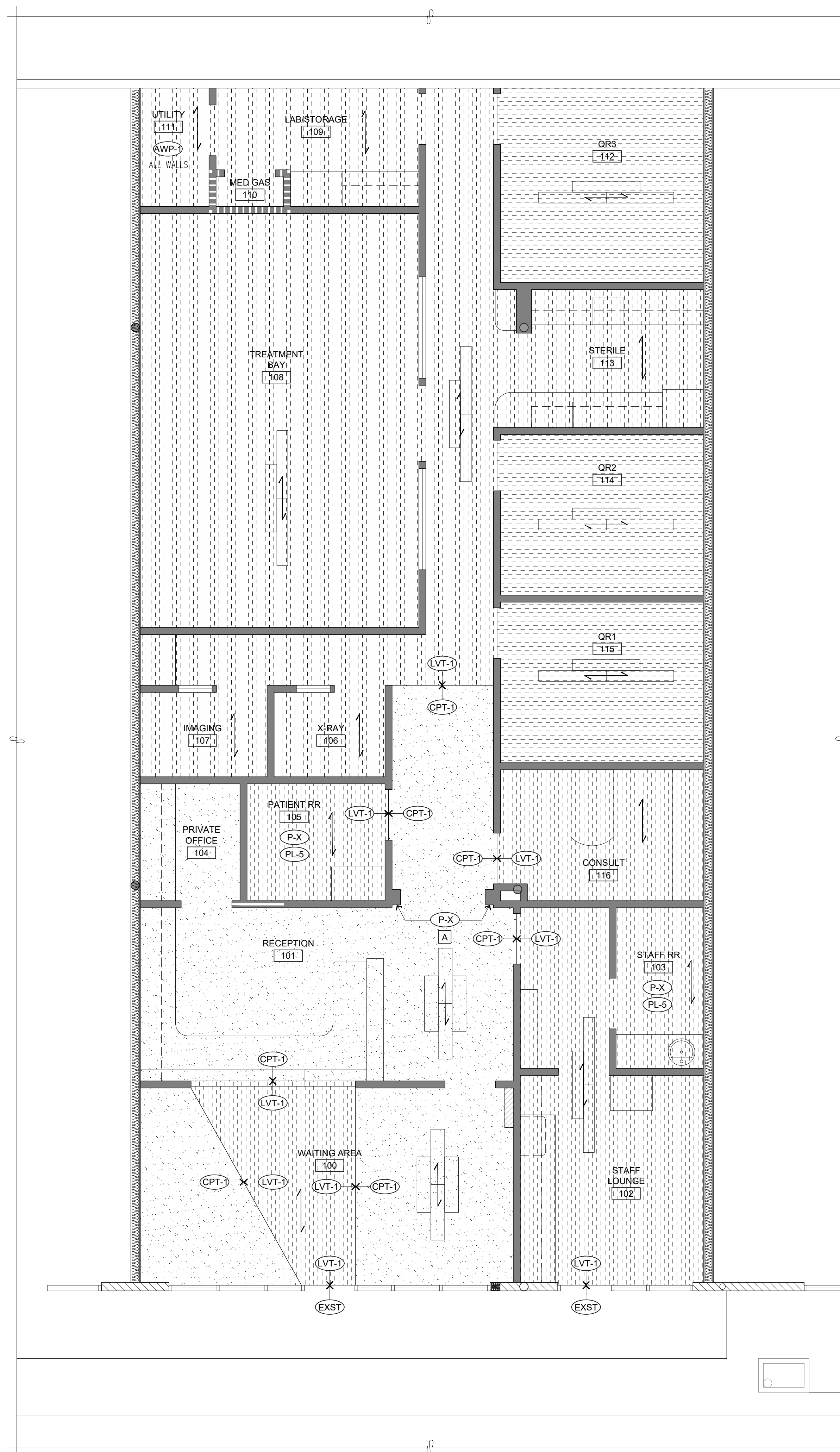
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ELECTRICAL AND PLUMBING LAYOUT PLAN
A2.3



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

FINISH SCHEDULE		
ITEM	SPECIFICATION	NOTES
FLOORING:		
CPT-1 CARPET TILE	MFR: MILLIKEN SERIES: LYCEUM PLATO COLOR: ROLLING STONE PLB141 SIZE: 25CM x 1M	INSTALLATION METHOD: STAGGER
LVT-1 LUXURY VINYL TILE	MFR: PATCRAFT COLLECTION: ANEW PATTERN: ANEW 5MM COLOR: TALC-V2 SIZE: 9X36	INSTALLATION METHOD: STAGGER
WALL BASE:		
WB-1 RUBBER BASE	MFR: JOHNSONITE STYLE: STANDARD 4" H COVED RUBBER BASE COLOR: 29 MOON ROCK WG	THROUGHOUT, U.O.N.
PLASTIC LAMINATE:		
PL-1 PLASTIC LAMINATE	MFR: PIONITE NAME/NO: ICE WHITE SWB13 FINISH: GLOSS	
PL-2 PLASTIC LAMINATE	MFR: PIONITE NAME/NO: NEGOTIATING IN GENEVA FINISH: TEXTURED/SUEDE	
PL-3 PLASTIC LAMINATE	MFR: PIONITE NAME: ICE WHITE THRUCOLOR NO: M55-CW813-5D FINISH: TEXTURED/SUEDE	
PL-4 PLASTIC LAMINATE	MFR: WILSONART NAME/NO: WHITE CARRARA 4924-38 FINISH: FINE VELVET	
PL-5 PLASTIC LAMINATE	MFR: WILSONART NAME/NO: HAPPY DOTS Y0703-60 FINISH: MATTE	SPLASH GUARD IN RESTROOMS WHERE NOTED
PL-6 PLASTIC LAMINATE	MFR: WILSONART NAME/NO: SHADOW ZEPHYR 4857-60 FINISH: MATTE	
QUARTZ/SOLID SURFACE:		
QTZ-1 QUARTZ	MFR: PENTALQUARTZ NAME/NO: MISTERIO POLISHED B08815P	
PAINT:		
P-1 PAINT	MFR: BENJAMIN MOORE COLOR: WHITE HERON OC-57	WALL COLOR, U.O.N.
P-2 PAINT	MFR: TBD COLOR: TBD	TBD
P-3 PAINT	MFR: TBD COLOR: TBD	TBD
P-4 PAINT	MFR: TBD COLOR: TBD	TBD
ACOUSTIC WALL PANELS:		
AWP-1	MFR: ARMSTRONG (OR SIMILAR) NAME/NO: SURFACE MOUNTED ACOUSTICAL TILE NCR RATING: 0.65 MINIMUM SIZE: 24x24	UTILITY ROOM WALLS & CEILING. SEE GENERAL NOTE #17 FOR MORE INFO.

- ### KEY NOTES
- A SEE ELEVATION 2B/A6.1 FOR ACCENT COLOR AT ARCHWAY.
- ### GENERAL NOTES
- REFER TO ELEVATIONS AND DETAIL SHEETS FOR ADDITIONAL FINISH CALLOUTS.
 - G.C. TO PROVIDE ADDITIONAL PRICING FOR MARKUPS, INSTALLATION, SHIPPING, FREIGHT, ETC. "MATERIAL ONLY" INCLUDES PRICE OF PRODUCT ONLY.
 - GLUE DOWN INSTALLATION USING LOW-VOC MATERIALS.
 - PROTECT ALL EXISTING FLOOR, WALL, DOOR AND CEILING FINISHES TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
 - PATCH AND PREP SUBFLOOR PER MANUFACTURER'S REQUIREMENTS FOR NEW FLOORING MATERIALS. FLOAT SUBFLOOR AS NECESSARY TO ALIGN FINISHED SURFACE BETWEEN NEW FLOORING AND EXISTING TO REMAIN.
 - CONDUCT NECESSARY MOISTURE TESTS ON ALL CONCRETE SLABS WHERE FINISH MATERIALS ARE SCHEDULED. REFERENCE MANUFACTURER'S INSTALLATION SPECIFICATIONS FOR EACH FLOOR FINISH TYPE.
 - INSTALL ALL FINISHES AND MATERIALS PER MANUFACTURER'S RECOMMENDATIONS AND PER INDUSTRY STANDARDS.
 - INSTALL DIRECTIONAL FLOORING ORIENTED AS SPECIFIED IN THE FINISH PLAN.
 - ALIGN TRANSITION OF FLOOR MATERIAL WITH CENTER OF HINGE AT DOORWAYS. IN A WRAPPED OPENING WITHOUT DOOR, REFERENCE FINISH PLANS FOR TRANSITION LOCATION.
 - DO NOT APPLY WAX FINISH TO RESILIENT FLOORING WITHOUT PRIOR CONSENT OF DESIGNER AND CLIENT.
 - HEIGHT DIFFERENCES BETWEEN FLOORING MATERIALS SHALL BEVEL AT A RATIO OF 1:2 IF GREATER THAN 1/4" PER ADA ACCESSIBILITY CODES.
 - GENERAL WALL FINISH TO BE SMOOTH, LEVEL 4 OR MATCH EXISTING, PLUS FIRST COAT (PRIME COAT). AREAS WITH HIGH SUN EXPOSURE TO BE LEVEL 5.
 - PAINT: ALL PAINTED AREAS TO RECEIVE ONE (1) COAT TINTED LATEX WALL PRIMER AND TWO (2) COATS PAINT WITH FINAL COAT APPLIED AFTER GENERAL TOUCH UP IS COMPLETED. USE 1/2" TO 3/8" NAP ROLLER. ALL PAINT TO BE ZERO VOC.
 - PAINT FINISHES:
GENERAL CONDITIONS: SATIN
SOFFITS / CEILINGS: FLAT FINISH
WET AREAS: SEMI-GLOSS
PAINT-GRADE DOORS & TRIM: SEMI-GLOSS LATEX ENAMEL
COAT HOOK BACKPLATES: SEMI-GLOSS LATEX ENAMEL
 - ALL ITEMS OR SURFACES WHICH ARE UNSPECIFIED AS TO MATERIAL AND/OR COLOR, OR IN THE EVENT OF CONTRADICTION INFORMATION BETWEEN DRAWINGS AND SPECIFICATIONS, TO BE BROUGHT TO THE DESIGNER'S ATTENTION FOR CLARIFICATION.
 - SUBMIT FINISH SAMPLES TO DESIGNER FOR APPROVAL PRIOR TO ORDERING MATERIALS. PROVIDE SUBMITTAL SCHEDULE ALLOWING FOR LONG LEAD TILES TO PREVENT SUBSTITUTIONS.
 - UTILITY ROOM TO RECEIVE ACOUSTICAL SOUND TILE SURFACE APPLIED TO ALL VERTICAL SURFACES AND CEILING, INCLUDING THE BACK OF DOOR. TILE ON DOOR TO RECEIVE METAL TRIM CAP. RUBBER BASE TO BE INSTALLED WITH CLEAR CAULK TO THE FLOOR. TILES TO HAVE AN NRC RATING OF 0.65 OR HIGHER.

FINISH LEGEND

XXX-X	FINISH MATERIAL, SEE FINISH SCHEDULE
[Pattern]	CARPET PER FINISH SCHEDULE
[Pattern]	VINYL PLANK PER FINISH SCHEDULE
[Arrow]	FLOORING DIRECTION

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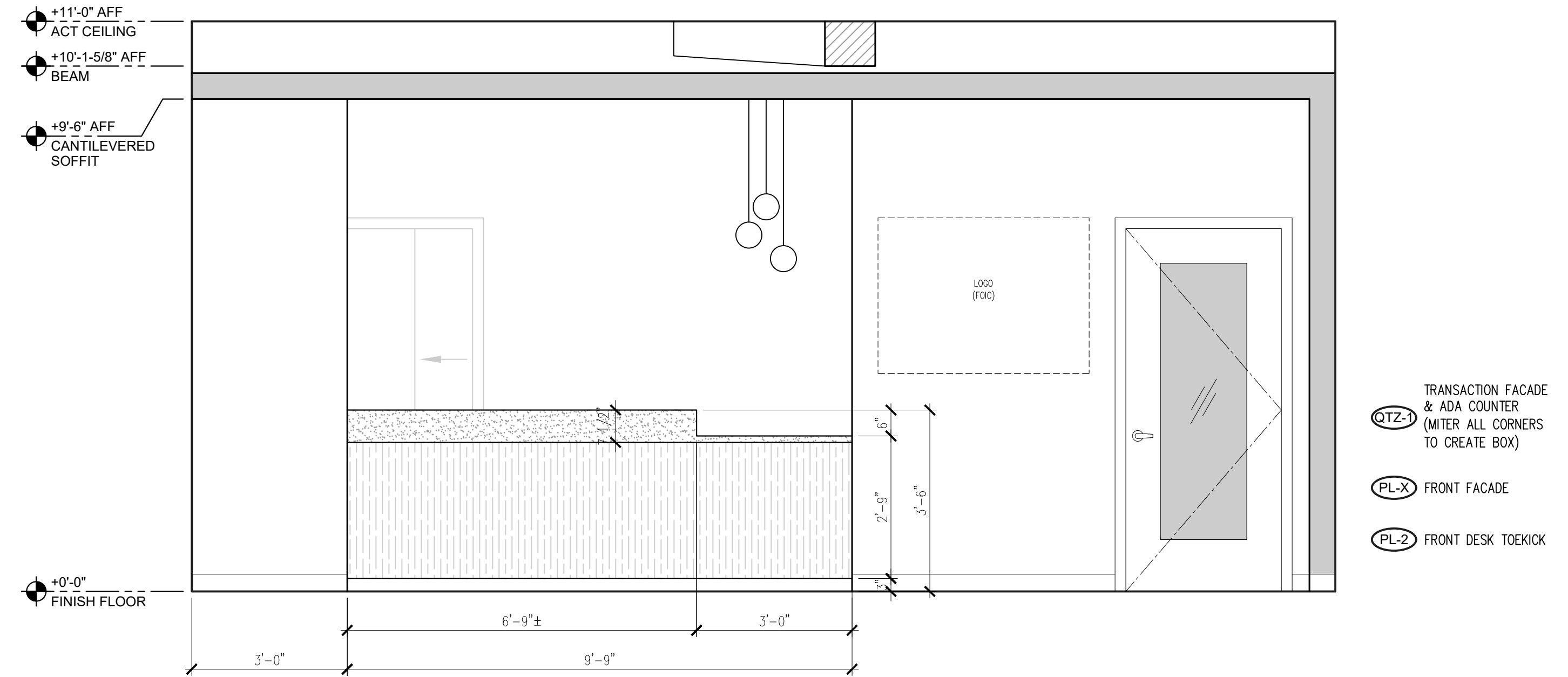
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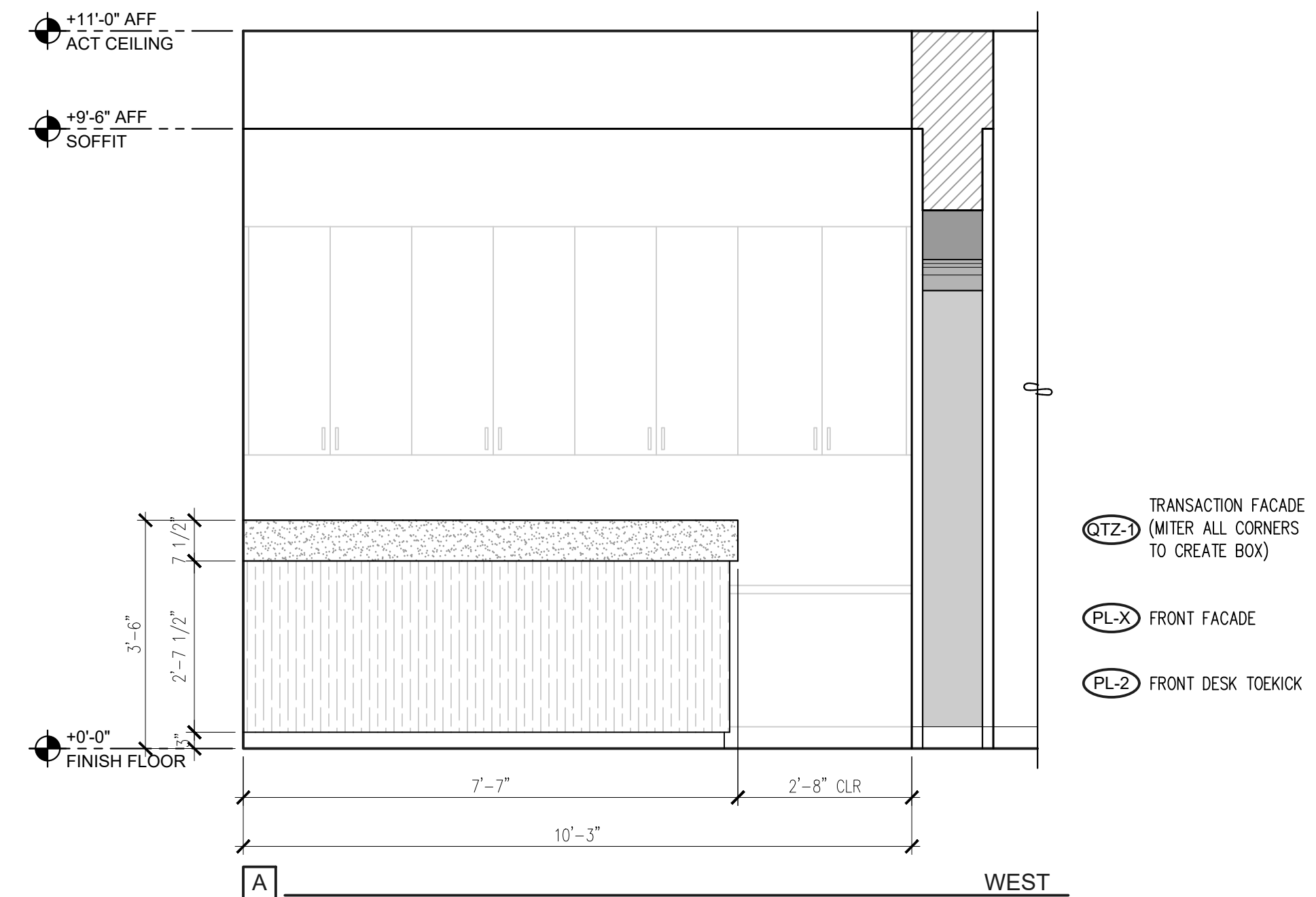
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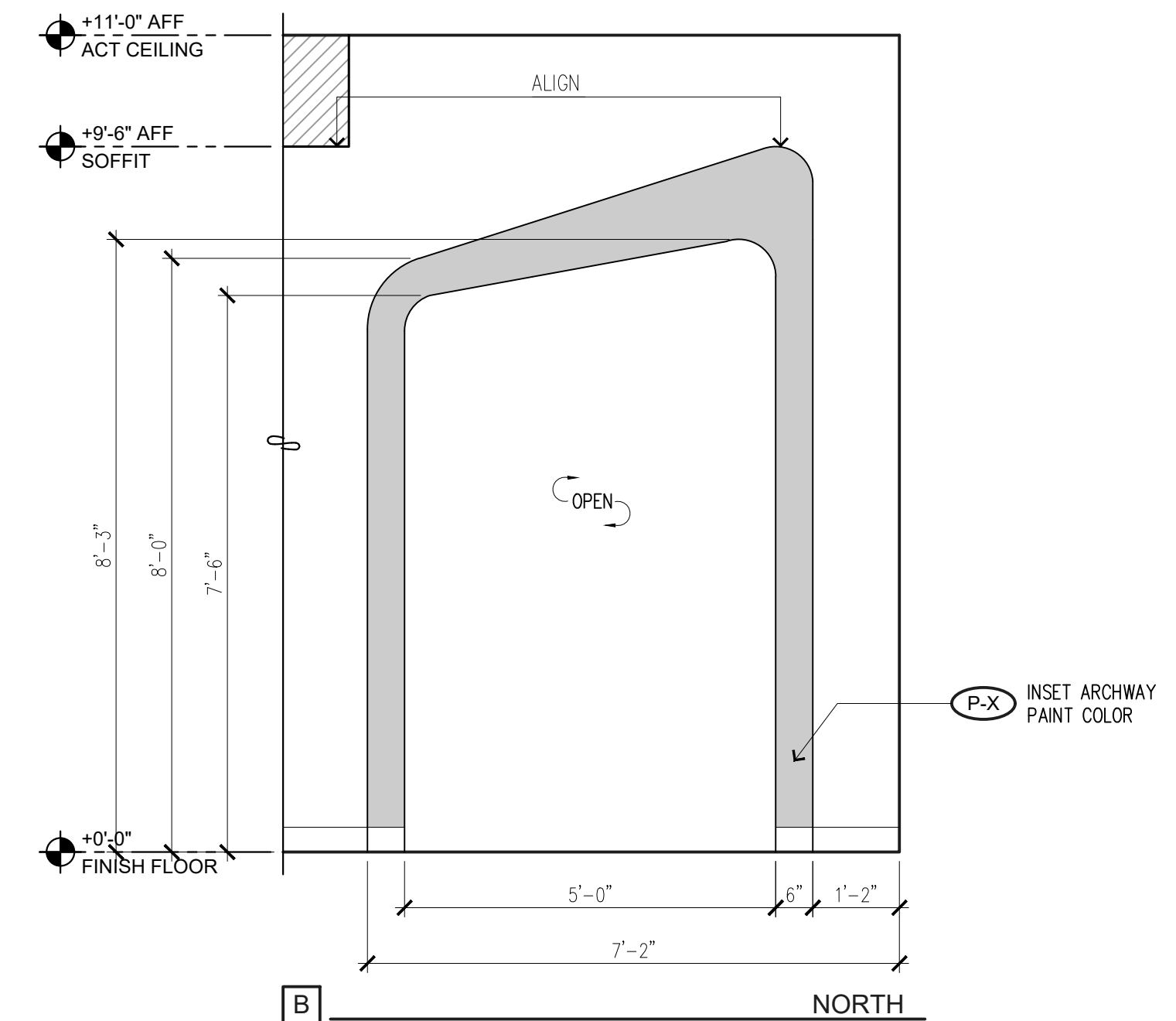
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FINISH PLAN
A2.4



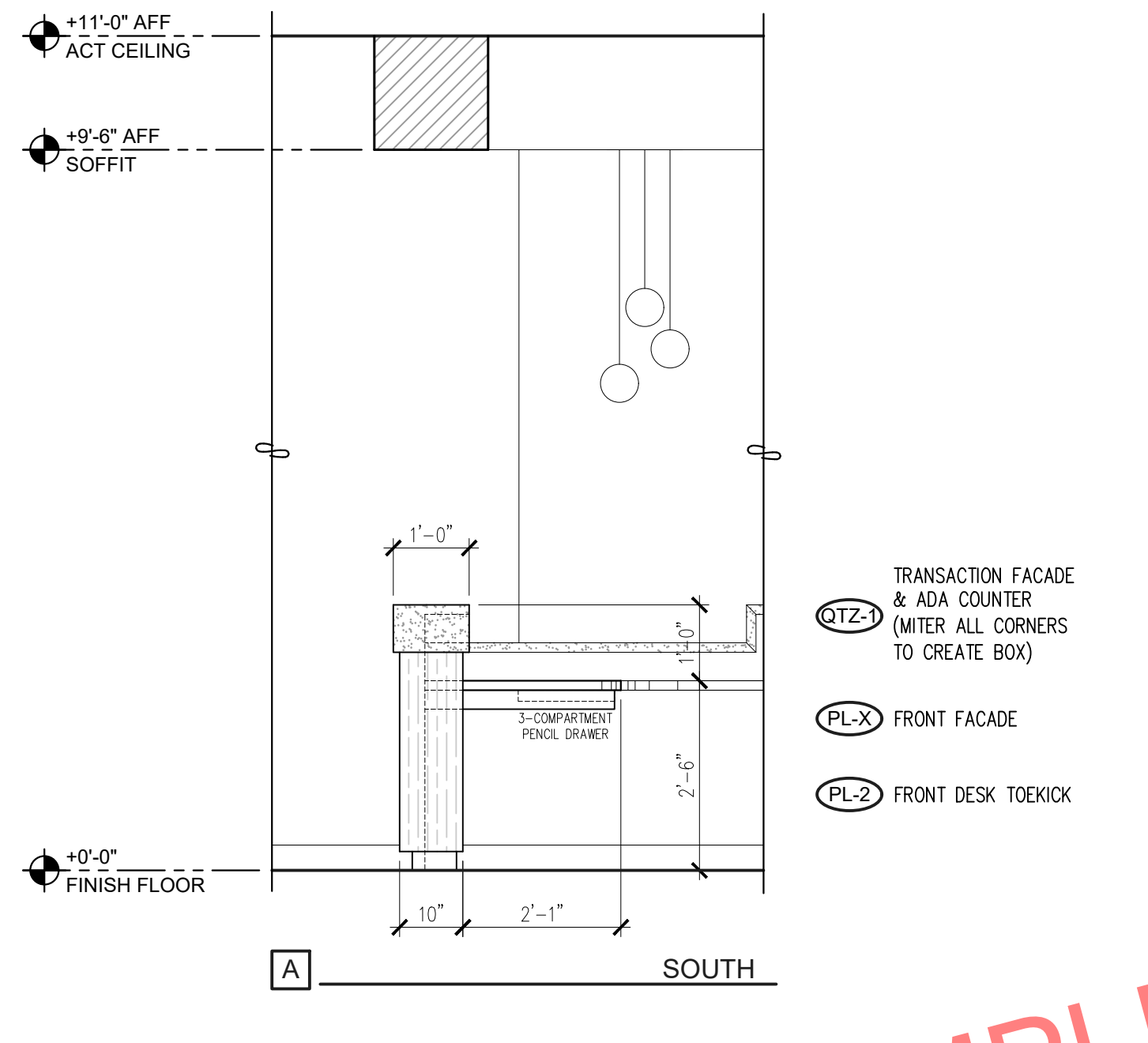
1 WAITING ROOM ELEVATIONS
SCALE: 1/2" = 1'-0"



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



3 RECEPTION DESK ELEVATIONS
SCALE: 1/2" = 1'-0"



3 RECEPTION DESK ELEVATIONS
SCALE: 1/2" = 1'-0"

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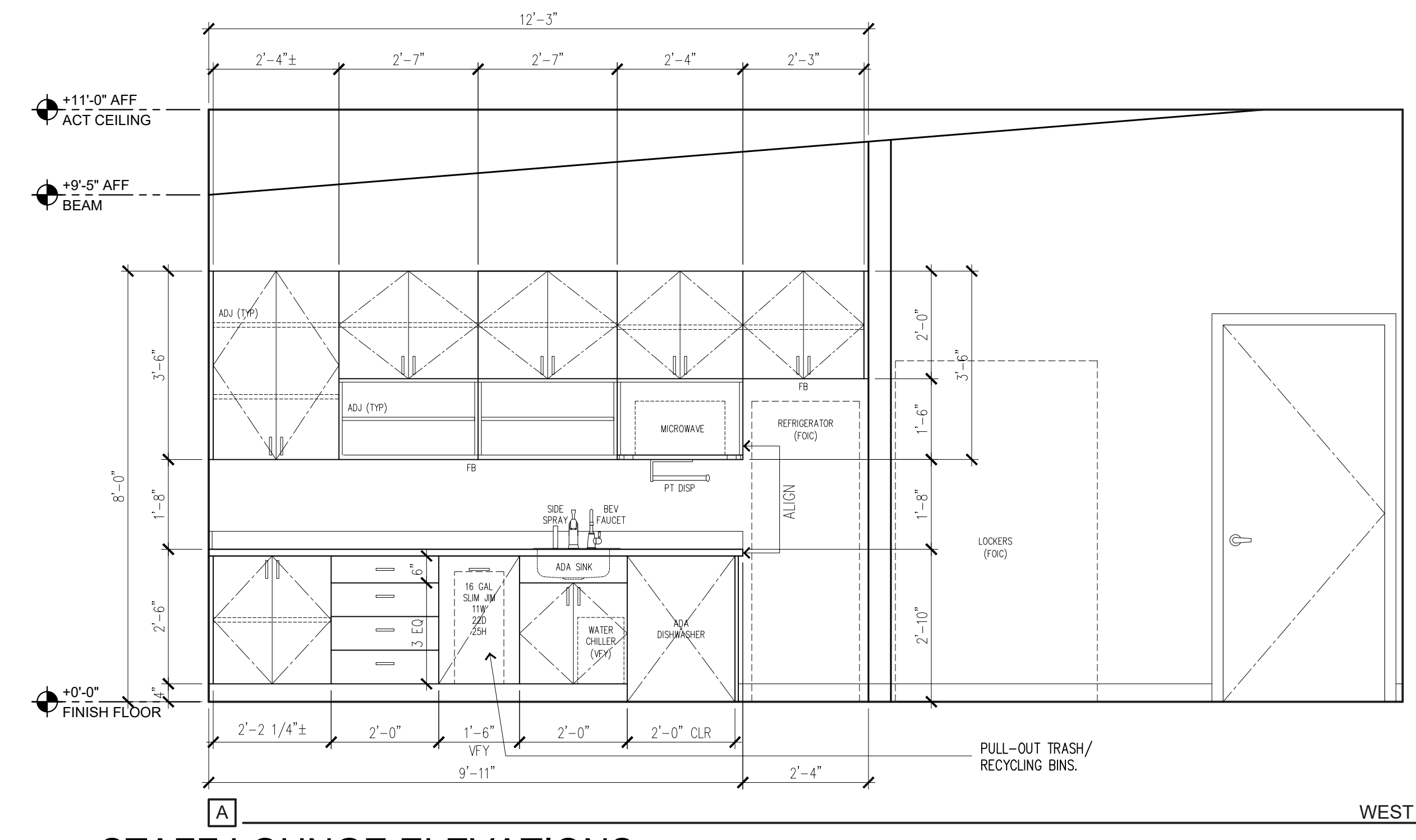
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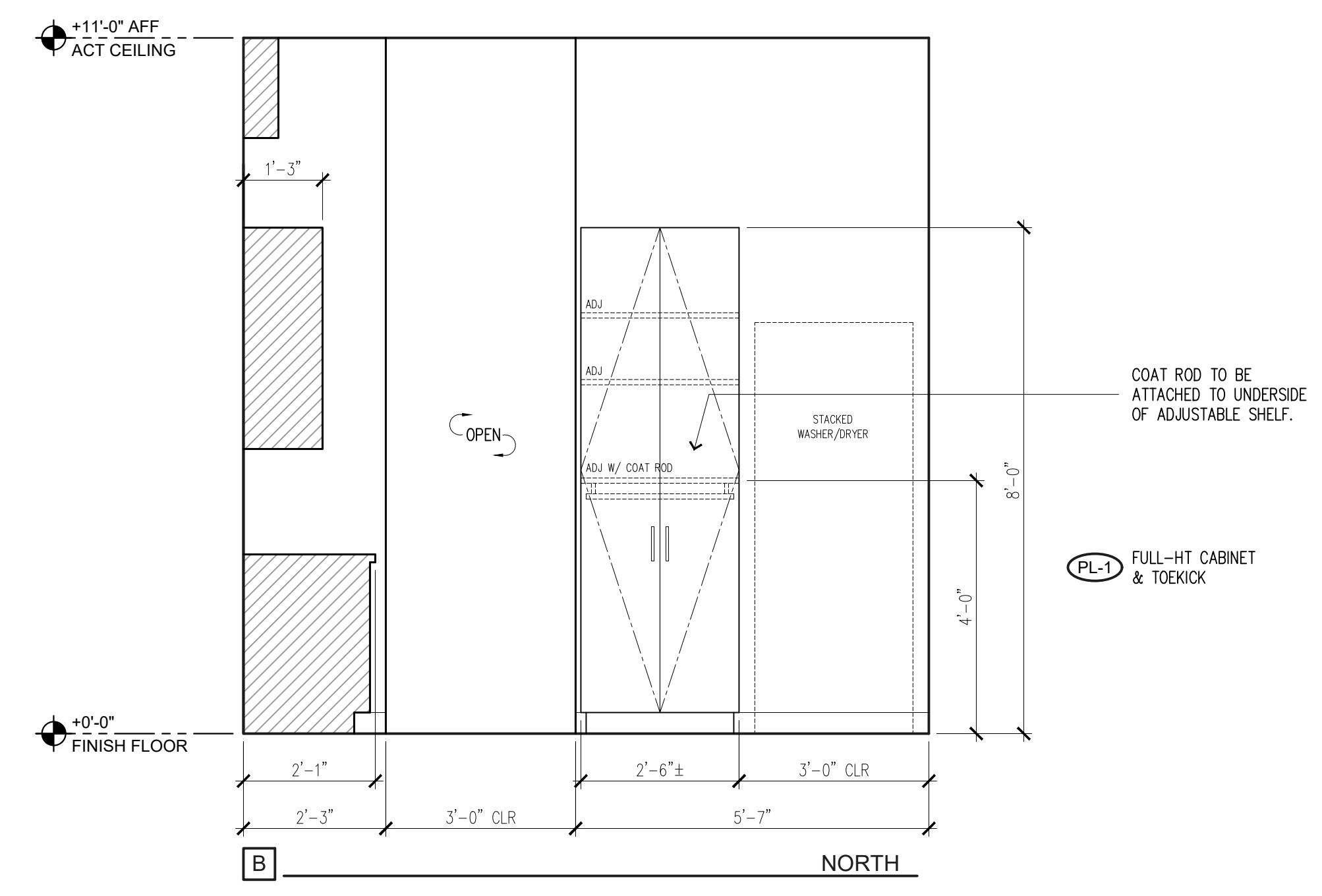
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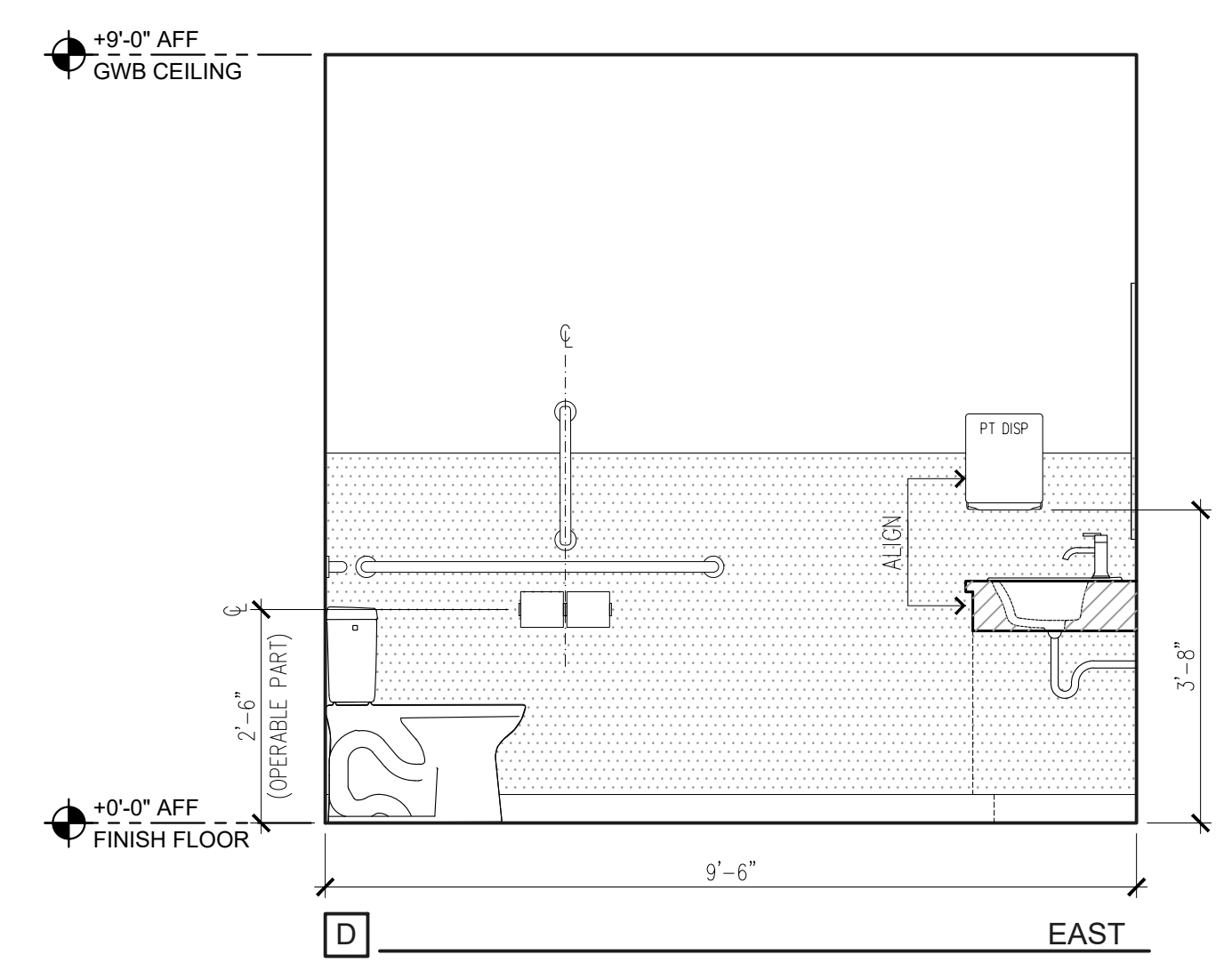
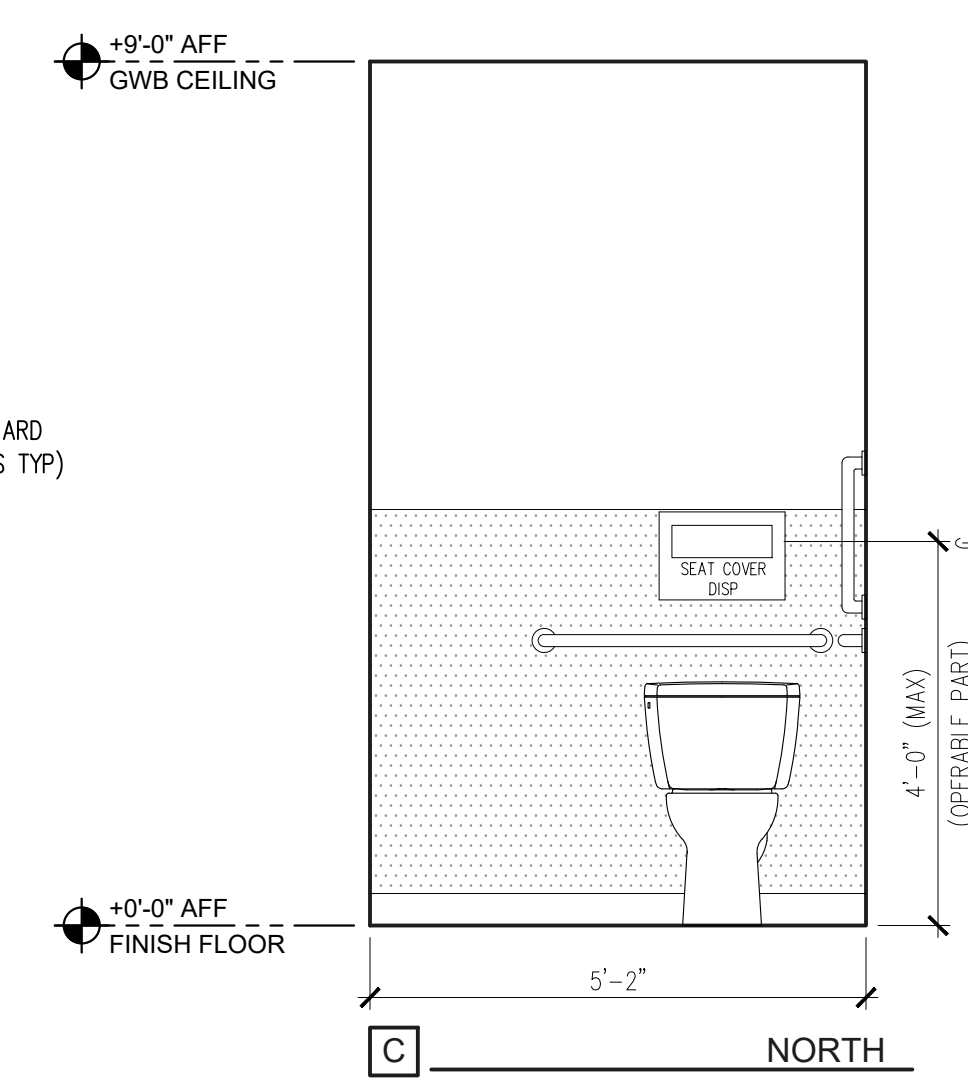
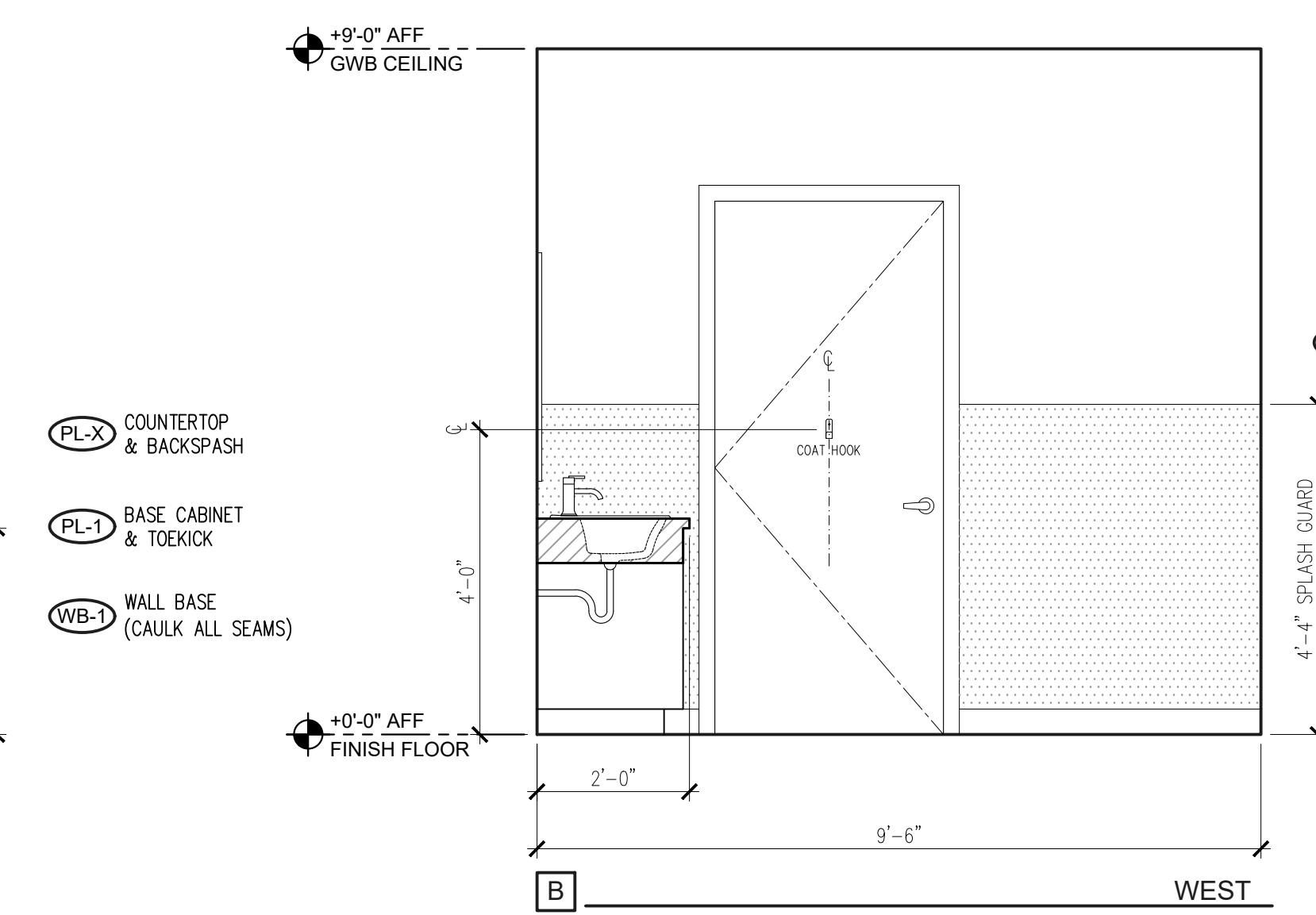
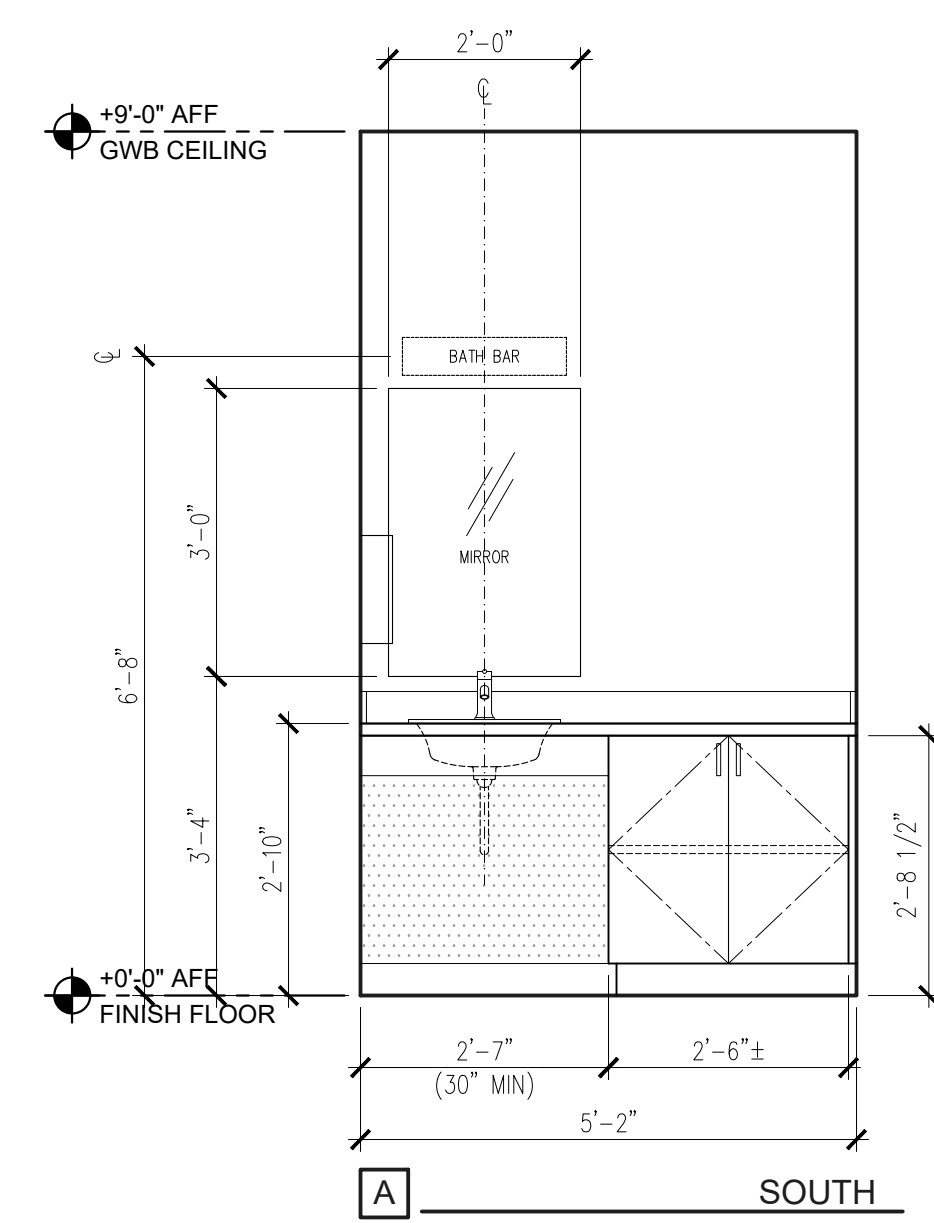
EXAMPLE SET
INTERIOR ELEVATIONS
A6.1



- PL-1 UPPER CABINETS, CUBBIES, MW CABINET WITH 18"D SHELF W/ ROUNDED CORNERS, BASE CABINETS & TOEKICK
- PL-6 COUNTERTOP & BACKSPASH
- PL-1 BASE CABINET & TOEKICK



7 STAFF LOUNGE ELEVATIONS
SCALE: 1/2" = 1'-0"



8 STAFF RESTROOM ELEVATIONS
SCALE: 1/2" = 1'-0"

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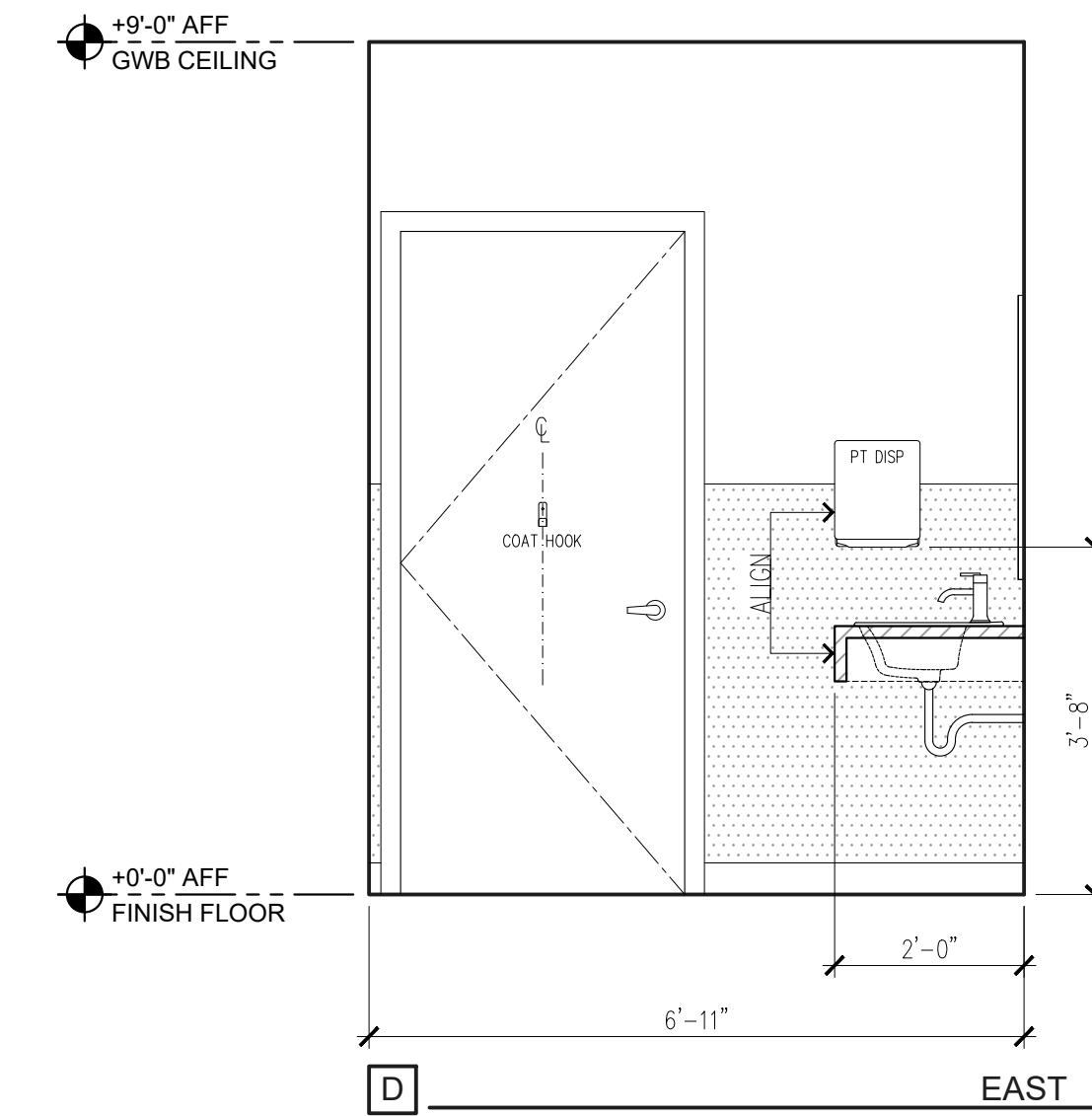
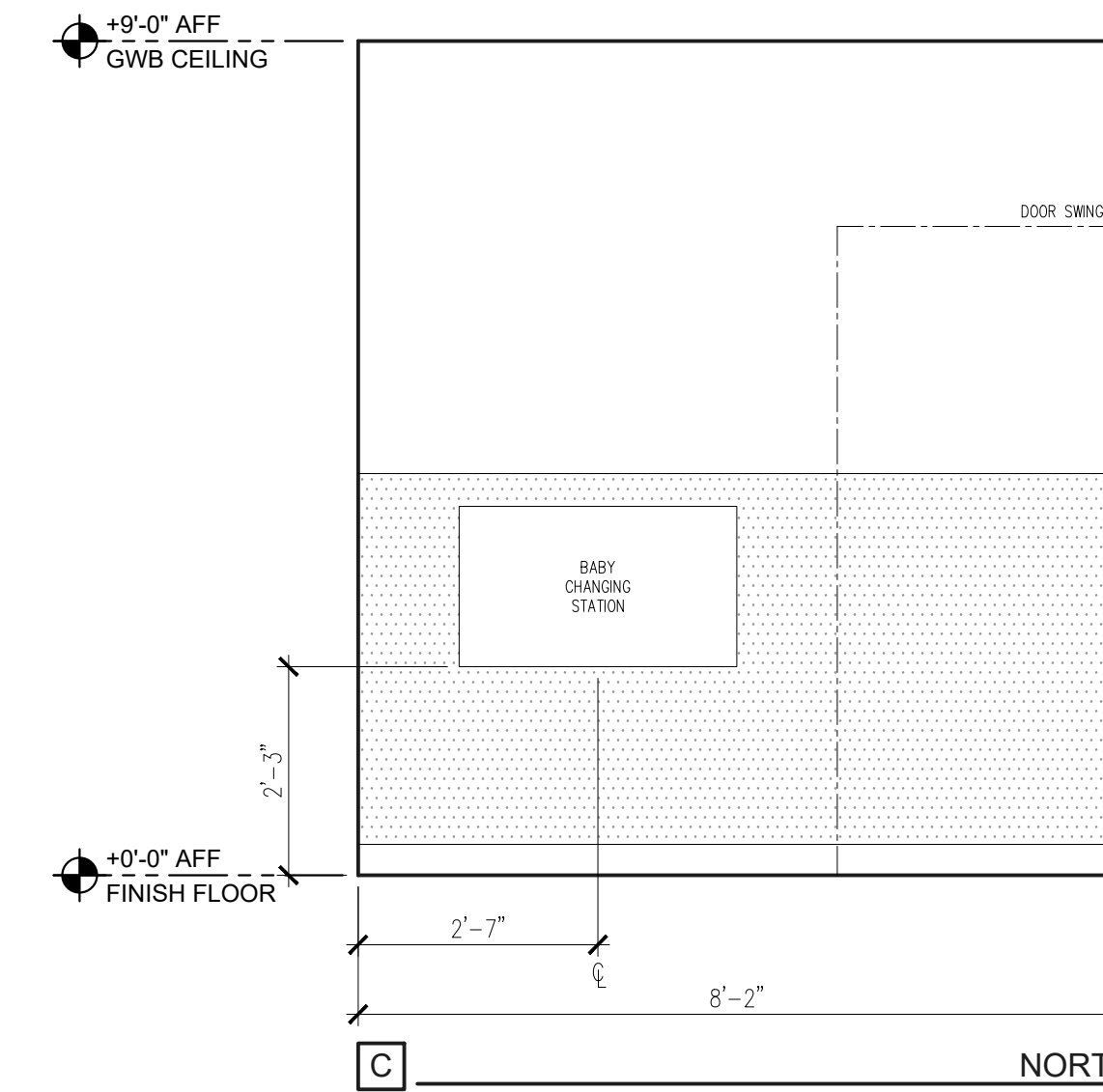
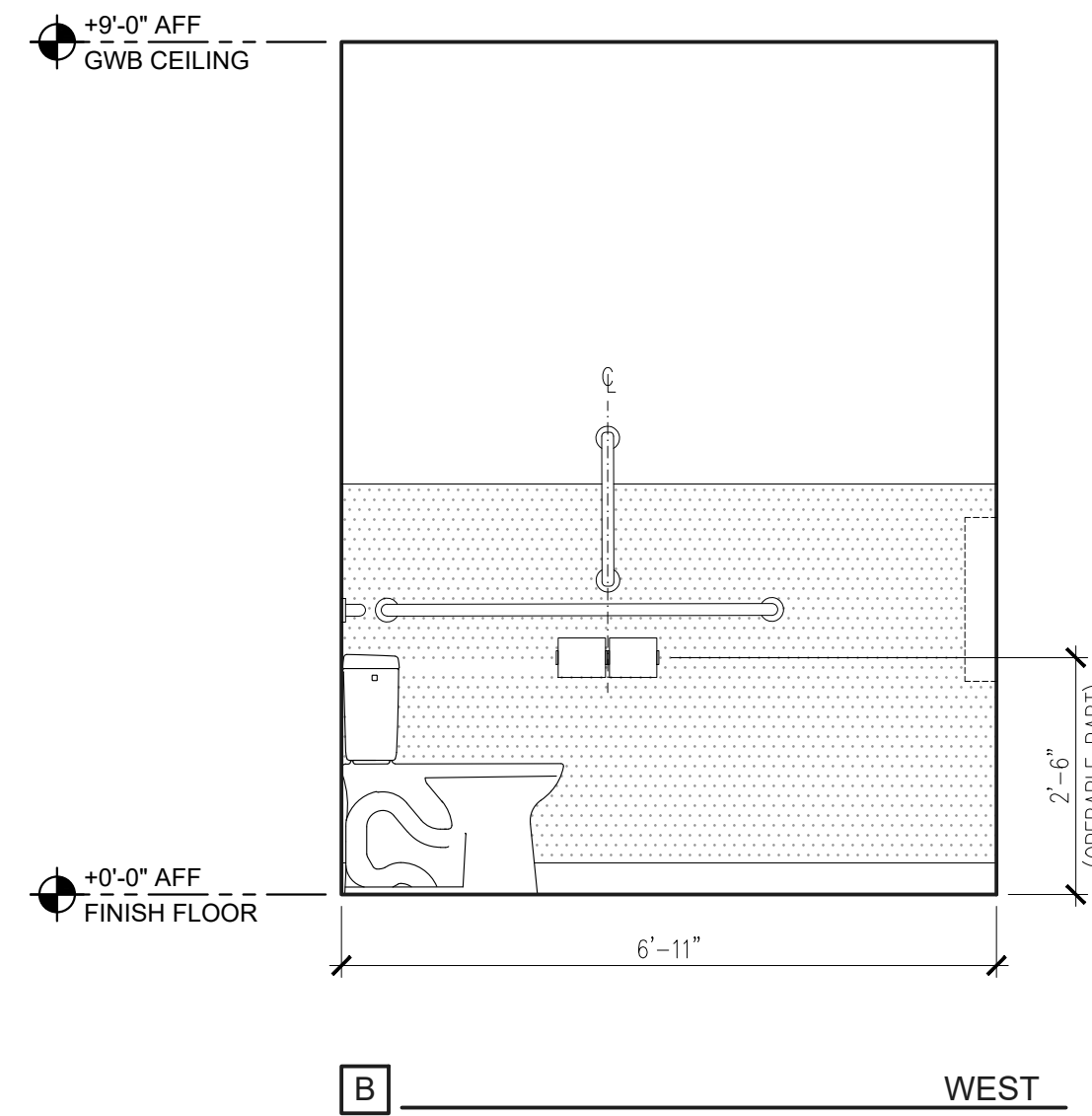
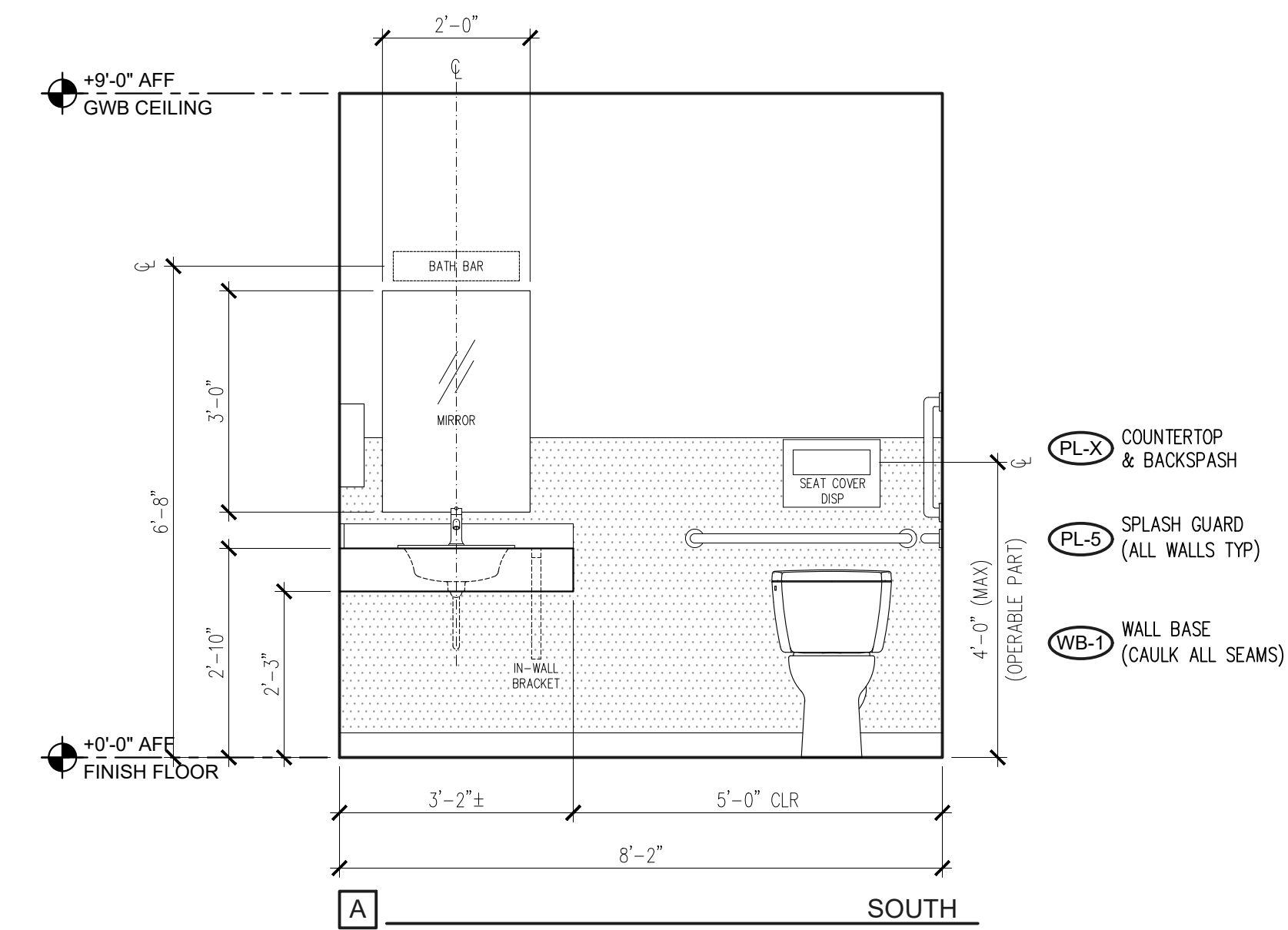
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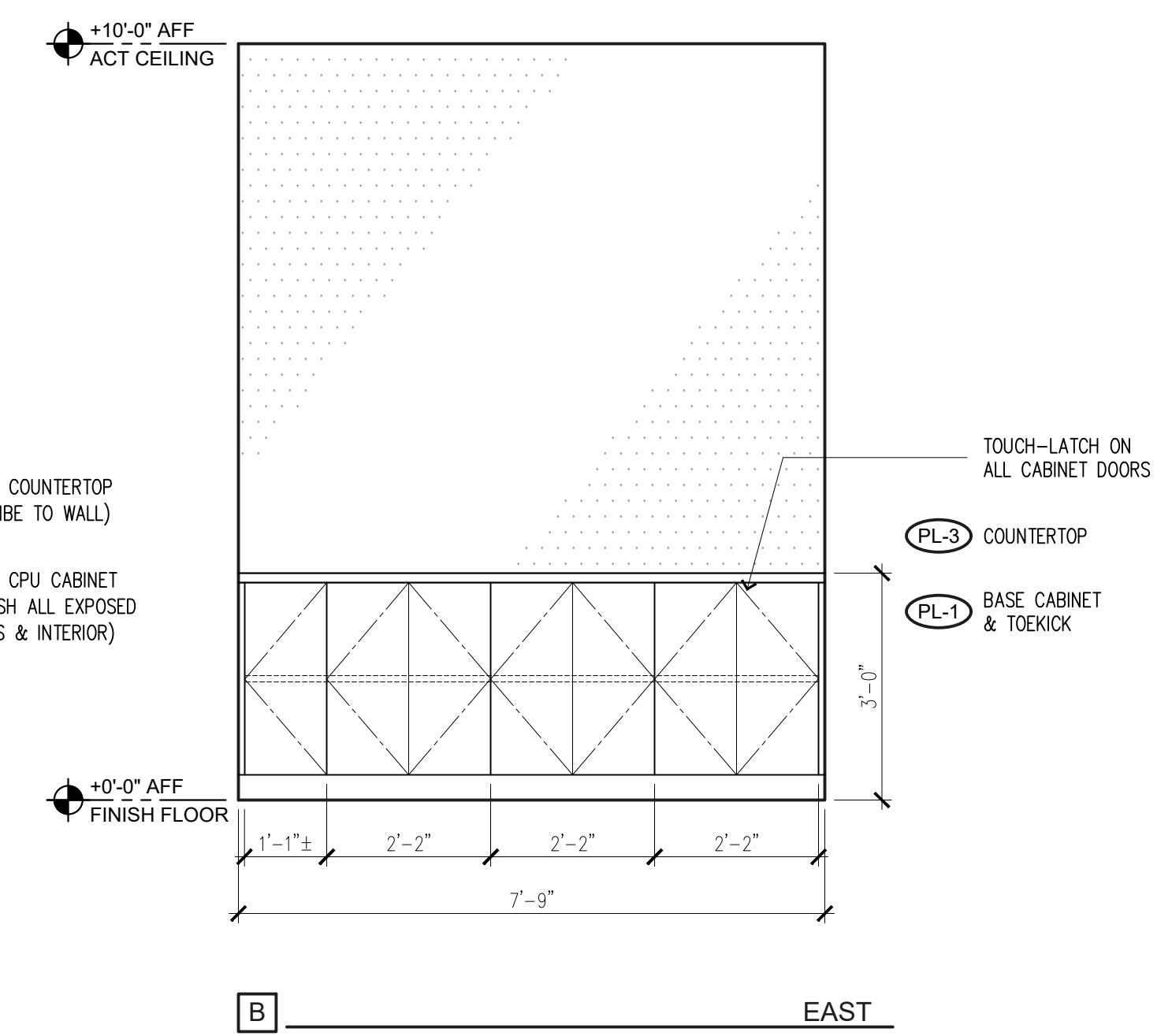
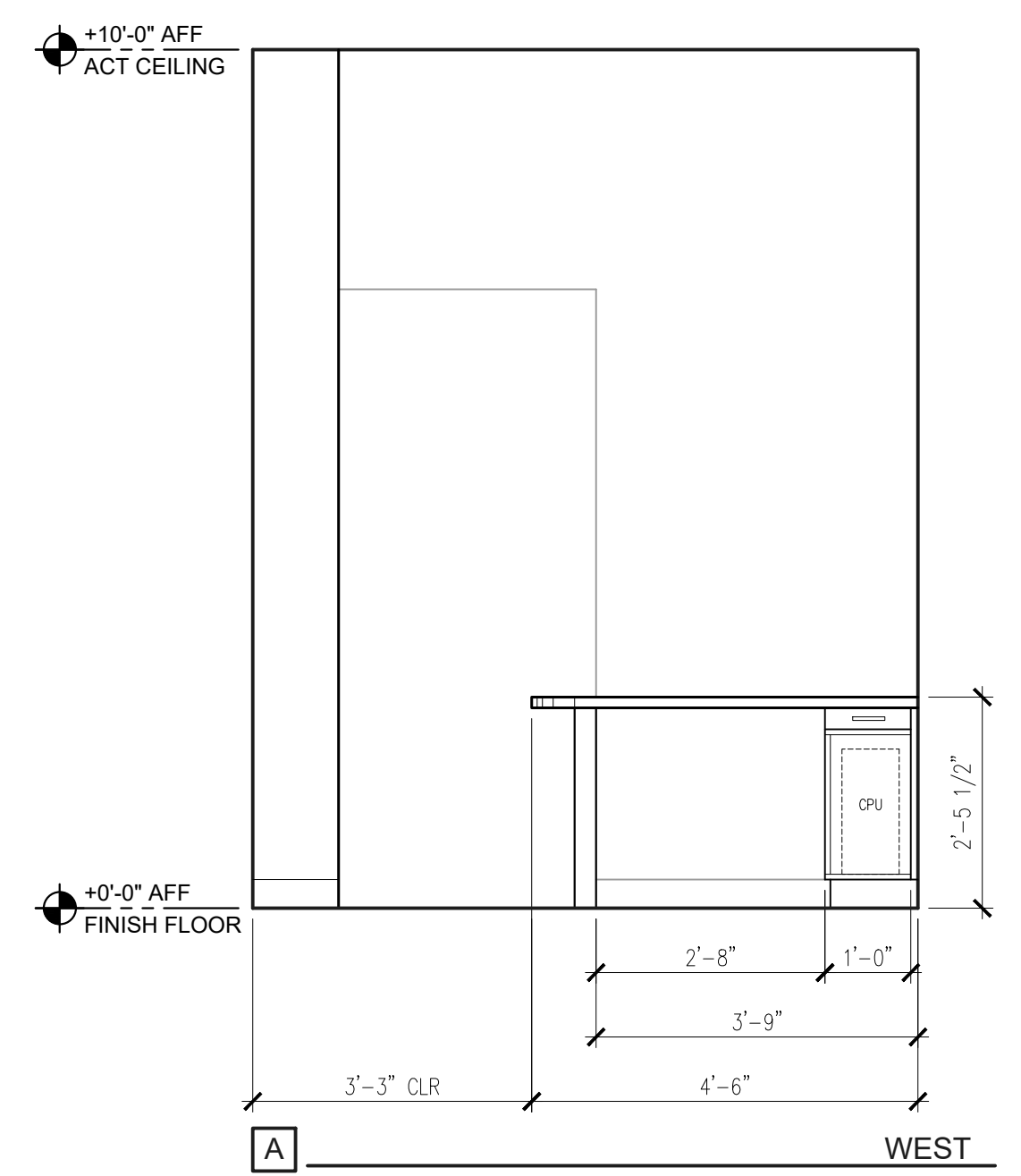
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INTERIOR ELEVATIONS
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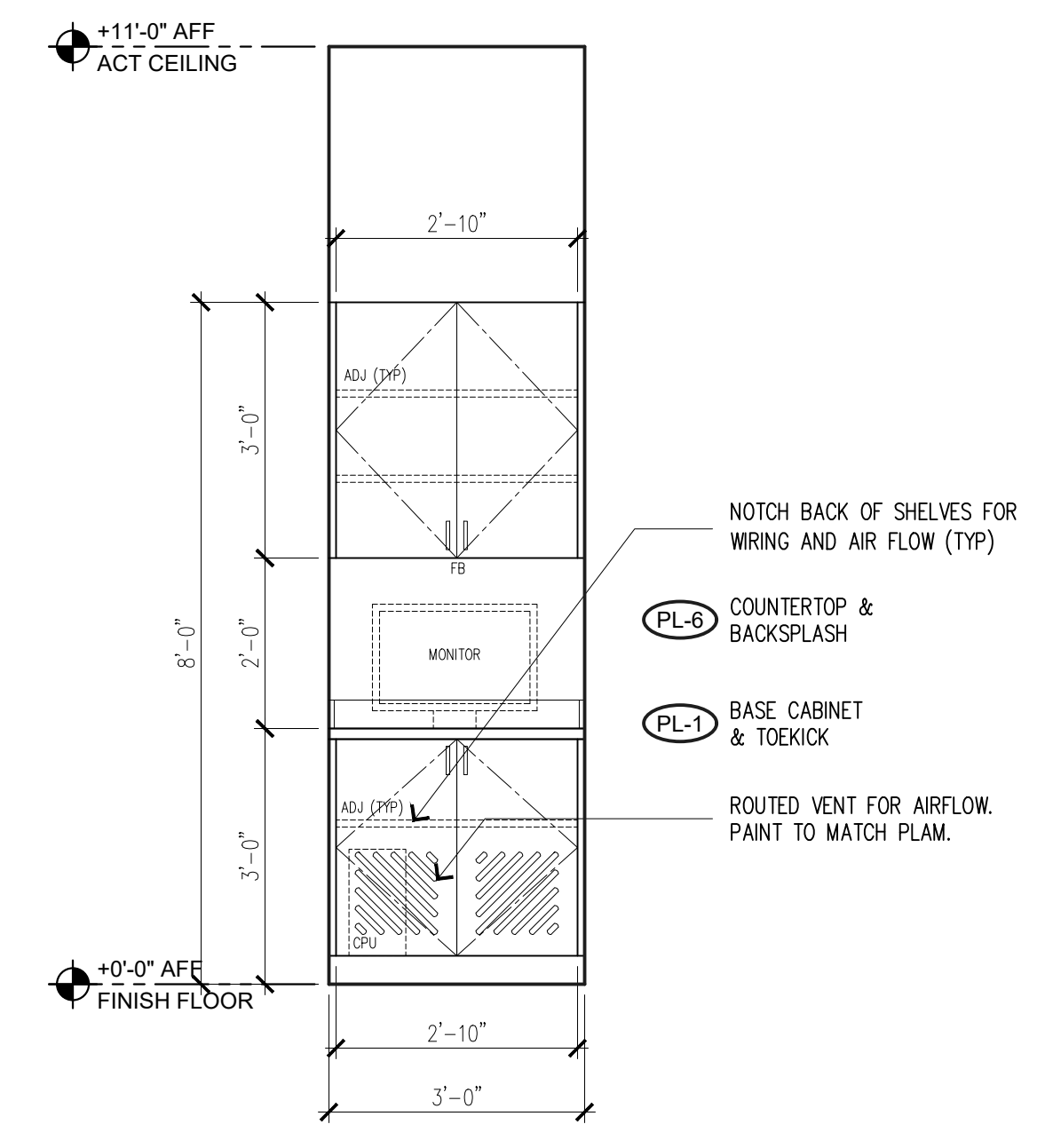
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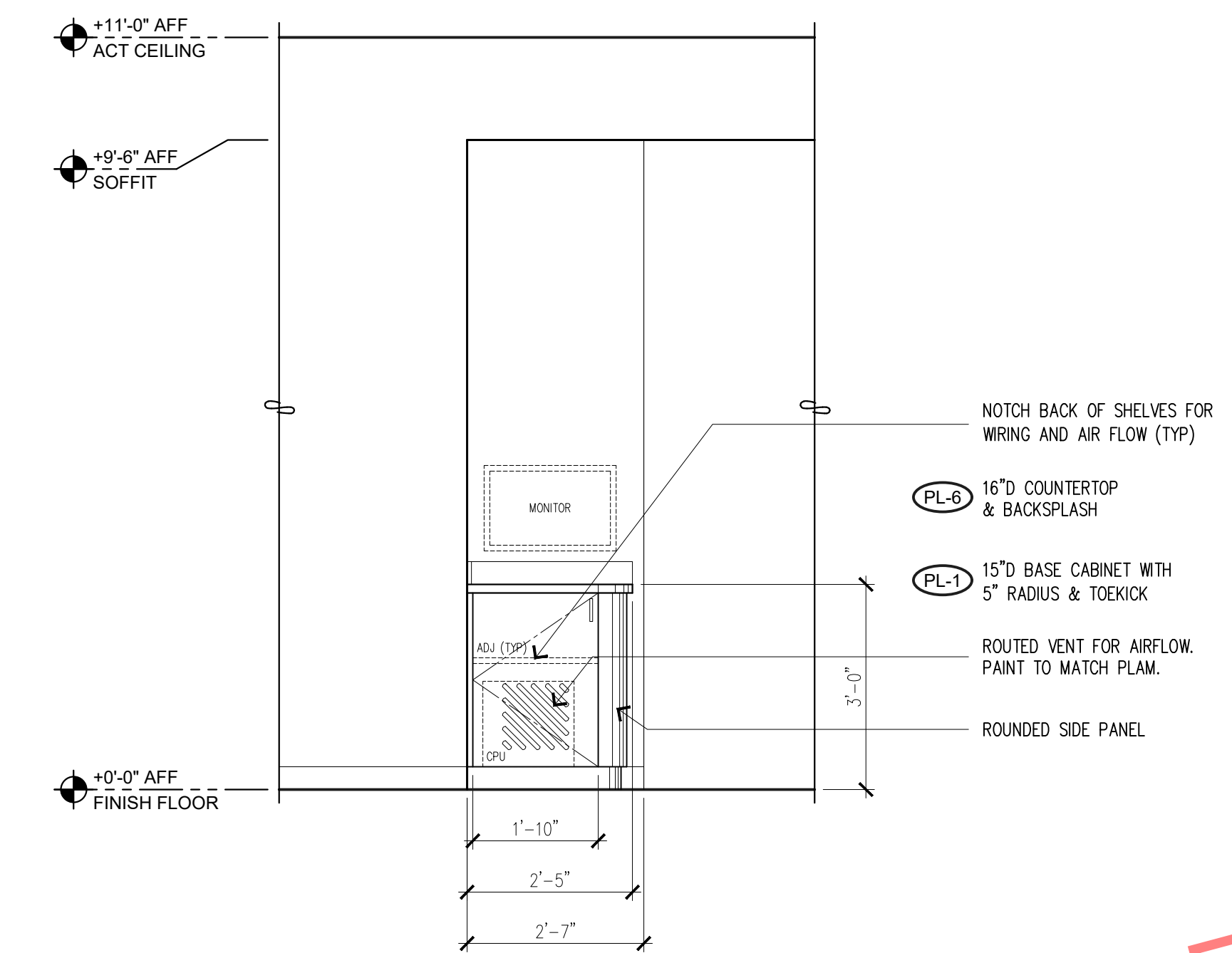
9 PATIENT RESTROOM ELEVATIONS
SCALE: 1/2" = 1'-0"



10 CONSULT ROOM ELEVATIONS
SCALE: 1/2" = 1'-0"



11 IMAGING WORKSTATION
SCALE: 1/2" = 1'-0"



12 WORKSTATION ELEVATION
SCALE: 1/2" = 1'-0"

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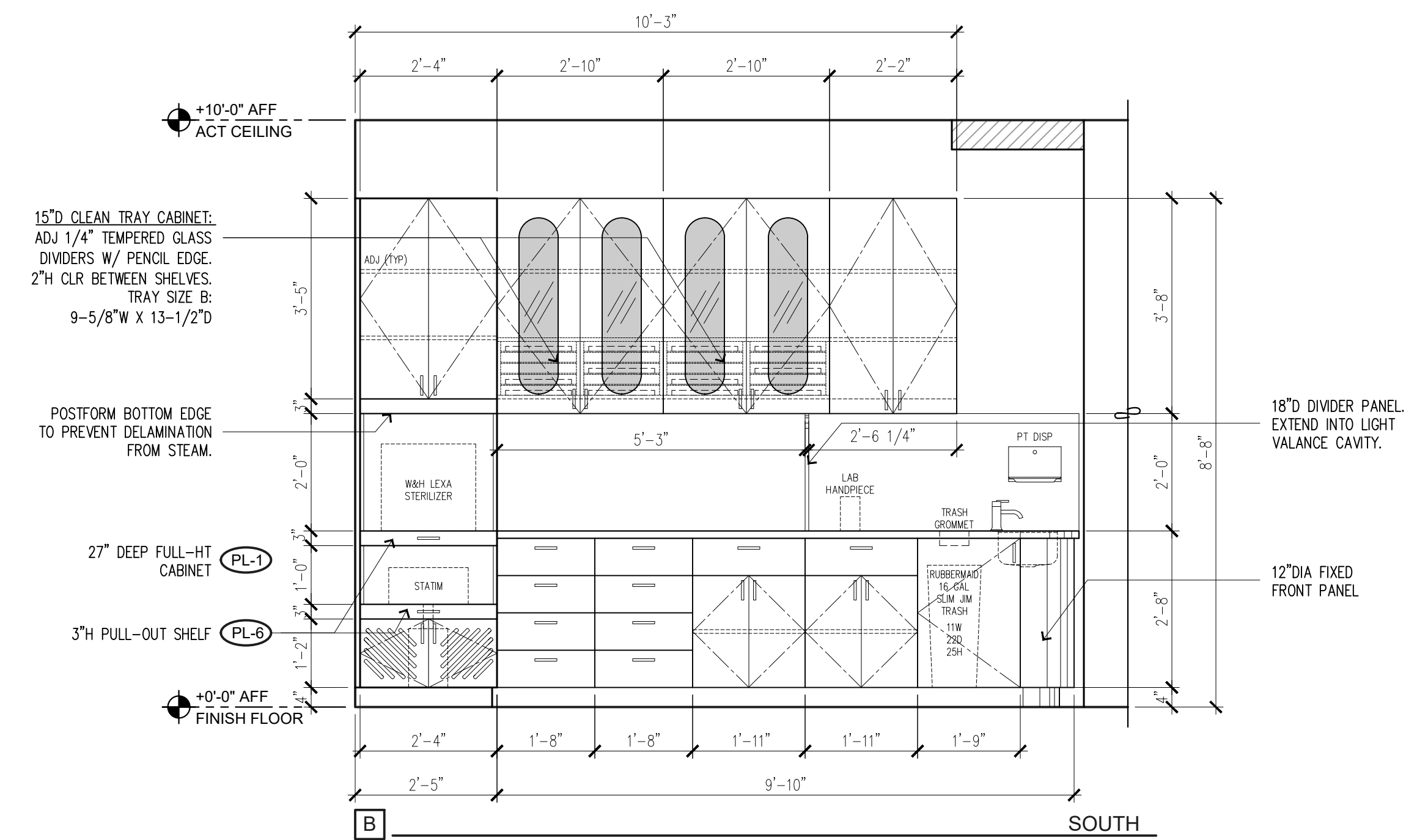
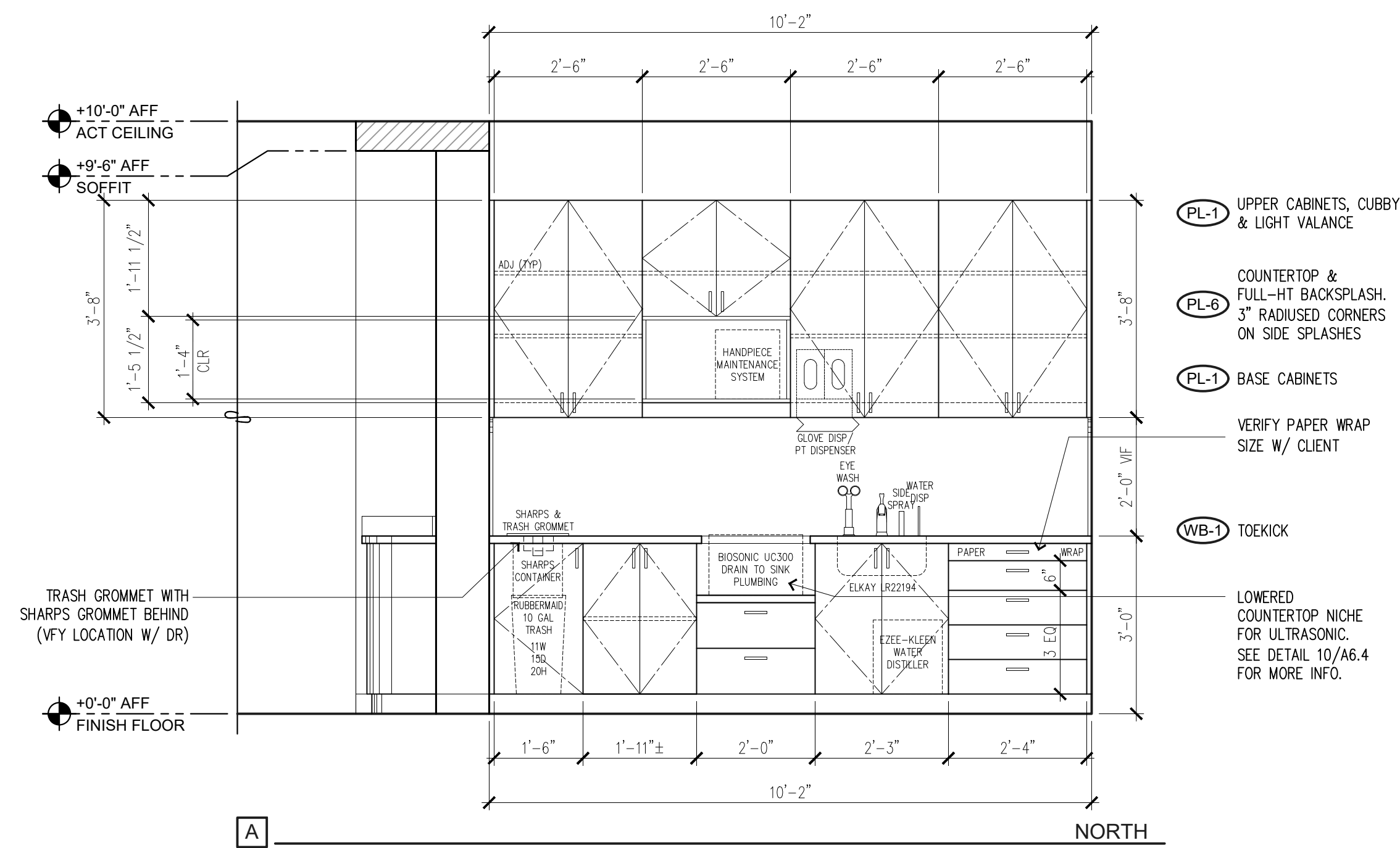
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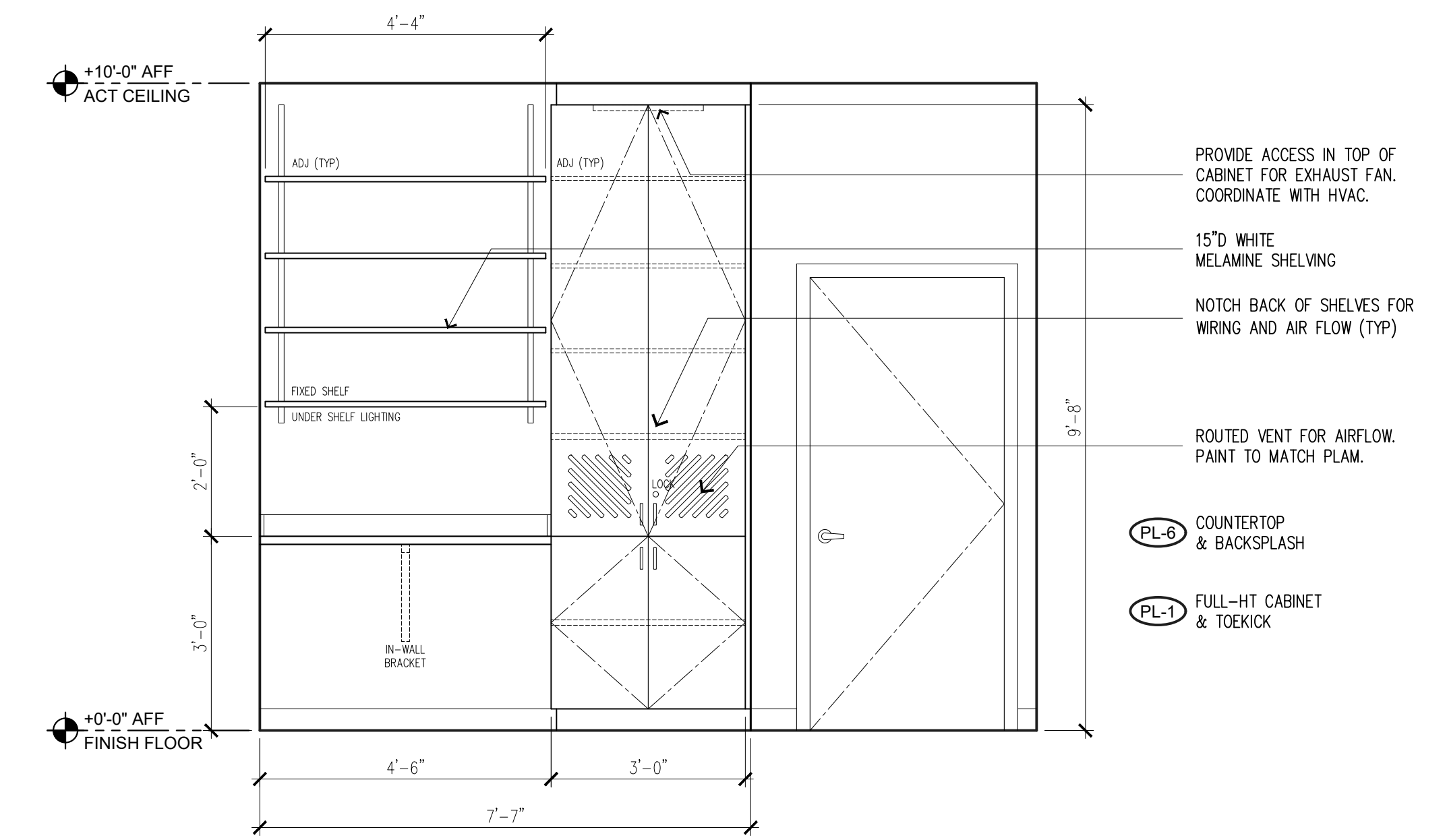
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INTERIOR ELEVATIONS
A6.4

EXAMPLE SET



13 STERILE/LAB ELEVATIONS
SCALE: 1/2" = 1'-0"



14 STORAGE ROOM ELEVATION
SCALE: 1/2" = 1'-0"

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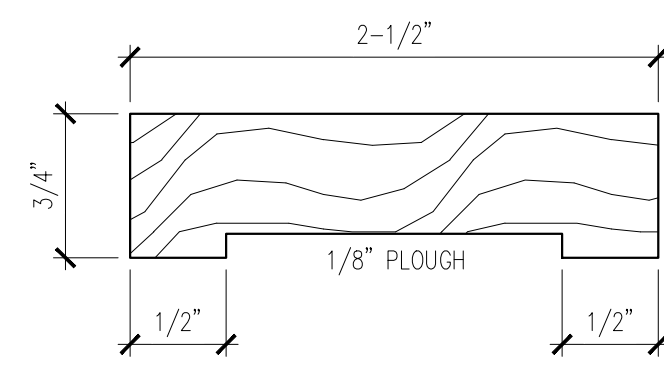
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INTERIOR ELEVATIONS
A6.5

EXAMPLE SET

DOOR TRIM

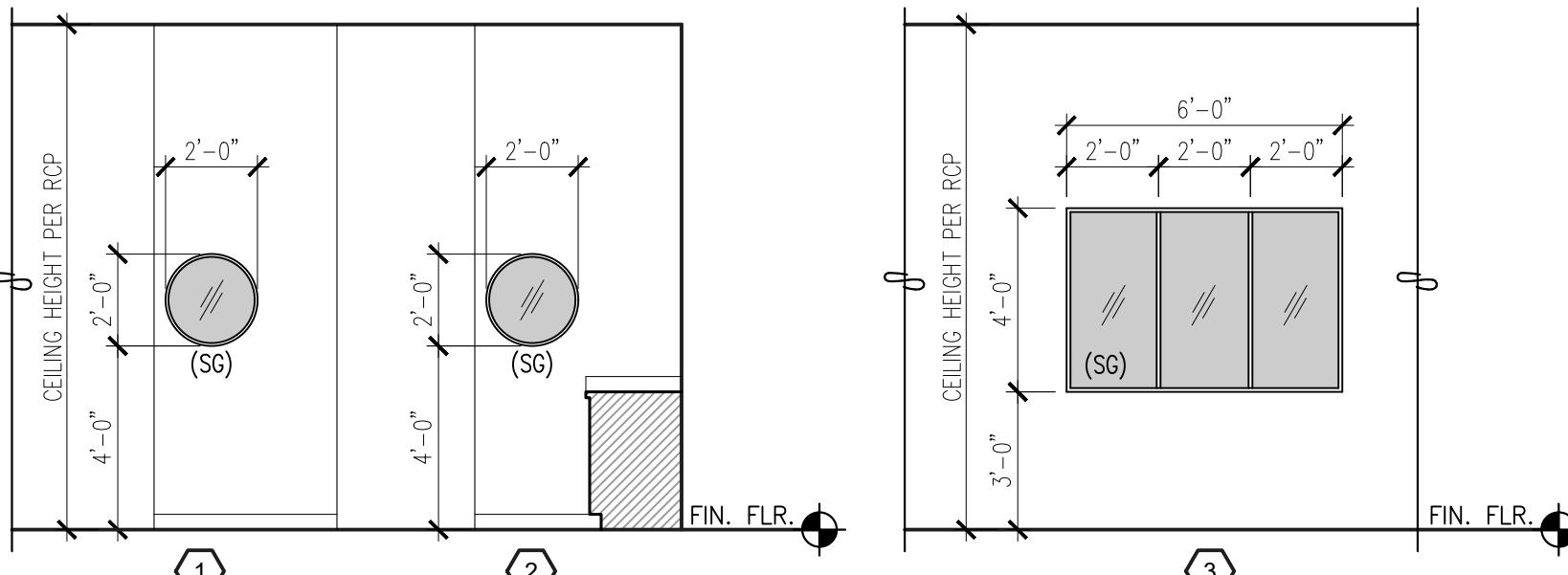
SCALE: N.T.S.



NOTE:
SQUARE EDGE TRIM WITH MITERED CORNERS.
VERIFY WOOD TRIM SIZE AND SHAPE WITH CLIENT.

WINDOW TYPES

SCALE: N.T.S.

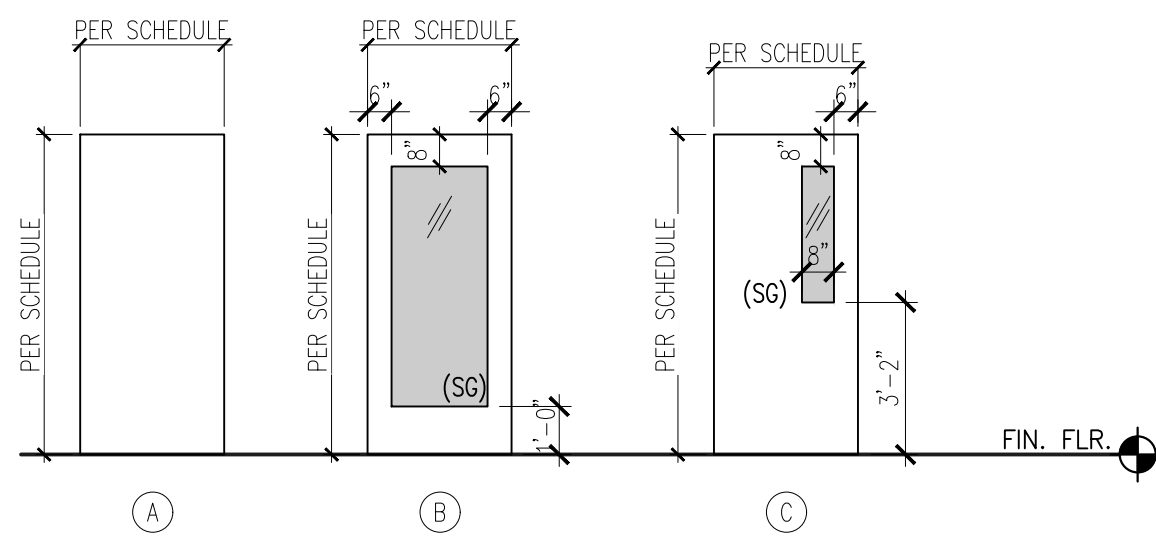


NOTE:
IMAGING ROOM & X-RAY VIEWING WINDOW.
REFER TO FLOOR PLAN FOR LOCATION AND DETAIL 6/49.2.
LEADED OR 1/2" TEMPERED SAFETY GLASS (SG) PER CODE.
TRIM FINISH: MATCH DOORS

WALL MOUNTED MONITOR, COMPUTER & KEYBOARD TRAY BY OTHERS. VERIFY WITH CLIENT AND LOW-VOLTAGE SPECIALIST ONSITE

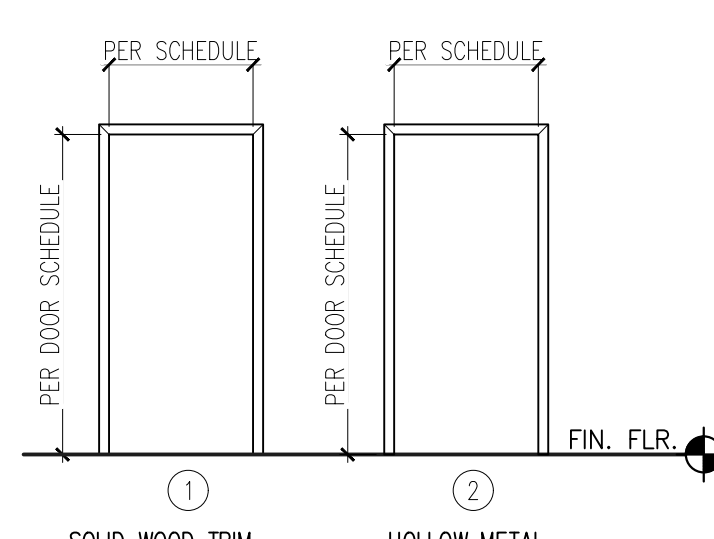
DOOR TYPES

SCALE: N.T.S.



TRIM TYPES

SCALE: N.T.S.



DOOR SCHEDULE

LOCATION	NO.	DOOR				TRIM		LOCK FUNCTION	REMARKS/ACCESSORIES
		SIZE	TYPE	MAT'L	FINISH	TYPE	FINISH		
100-WAITING AREA	E100	EXISTING	EXISTING	-	-	EXISTING	-	EXIST (VFY)	VERIFY RE-KEYING WITH CLIENT
	100A	3'-0" X 7'-0" X 1-3/4"	(B)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	STANDARD (PULL SIDE) CLOSER, CONCEALED OVERHEAD STOP ARM
102-STAFF LOUNGE	102A	3'-0" X 7'-0" X 1-3/4"	(A)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	STANDARD (PULL SIDE) CLOSER, CONCEALED OVERHEAD STOP ARM
	E102	EXISTING	EXISTING	-	-	EXISTING	-	EXIST (VFY)	VERIFY RE-KEYING WITH CLIENT
103-STAFF RR	103A	3'-0" X 7'-0" X 1-3/4"	(A)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	STANDARD (PULL SIDE) CLOSER, CONCEALED OVERHEAD STOP ARM, DOOR BOTTOM #1, SOUND SEAL
104-PRIVATE OFFICE	104A	3'-1" X 7'-0" X 1-3/4"	(C)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	POCKET A DOOR BOTTOM #2
105-PATIENT RR	105A	3'-0" X 7'-0" X 1-3/4"	(A)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	STANDARD (PULL SIDE) CLOSER, CONCEALED OVERHEAD STOP ARM, DOOR BOTTOM #1, SOUND SEAL
109-LAB	109A	3'-0" X 7'-0" X 1-3/4"	(C)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	POCKET B DOOR BOTTOM #2
110-MED GAS	110A	3'-0" X 7'-0" X 1-3/4"	(A)	SC WOOD	PAINT P-X	(2)	HM	PAINT P-X	LOCKSET 1-HR FIRE RATED DOOR ASSEMBLY, PARALLEL (PUSH SIDE) DOOR CLOSER WITH STOP ARM
111-UTILITY	111A	3'-0" X 7'-0" X 1-3/4"	(A)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	DOOR BOTTOM #2, SOUND SEAL
112-QR3	112A	3'-0" X 7'-0" X 1-3/4"	(C)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	DOOR BOTTOM #1, SOUND SEAL, WALL STOP
114-QR2	114A	3'-0" X 7'-0" X 1-3/4"	(C)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	DOOR BOTTOM #1, SOUND SEAL, WALL STOP
115-QR1	115A	3'-0" X 7'-0" X 1-3/4"	(C)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	DOOR BOTTOM #1, SOUND SEAL, WALL STOP
116-CONSULT	116A	3'-4" X 7'-2" X 1-3/4"	(B)	SC WOOD	PAINT P-X	(1)	WOOD	PAINT P-X	BARN VERIFY DOOR SIZE

DOOR HARDWARE SCHEDULE

LOCK FUNCTION	SPECIFICATION
LOCKSET	SCHLAGE ALX SERIES GRADE 2 CYLINDRICAL LOCK LEVER STYLE: BROADWAY (BRW) FUNCTION: ENTRANCE/OFFICE LOCK FINISH: 622 MATTE BLACK (VERIFY)
PASSAGE	SCHLAGE ALX SERIES GRADE 2 CYLINDRICAL LOCK LEVER STYLE: BROADWAY (BRW) FUNCTION: PASSAGE LATCH FINISH: 622 MATTE BLACK (VERIFY)
PRIVACY (OCC)	SCHLAGE: L SERIES PRIVACY WITH "OCCUPIED" INDICATOR #9496 LEVER: TBD. INSTALL WITH OPTIONAL EZ TURN #L583-363 FINISH: 622 MATTE BLACK (VERIFY)
POCKET A	COMMERCIAL SLIDING DOOR HARDWARE ACCURATE ADA SELF-LATCHING SLIDING DOOR LOCK #SL9124ADA (OR EQUAL) SERIES/FUNCTION: DORMITORY FINISH: US19 OXIDIZED BLACK + LAQUER
POCKET B	HAFELE: PULL HANDLE #901.00.583 WITH BACK TO BACK INSTALLATION (OR SIMILAR) SIZE: 384MM OVERALL FINISH: BLACK
BARN	HARDWARE: CONCEALED HARDWARE WITH PAINT GRADE VALANCE TO MATCH DOOR. INSTALL WITH BOTTOM GUIDE POST / ROUTED CHANNEL AT DOOR PANEL. PULL: HAFELE: PULL HANDLE #901.00.583 WITH BACK TO BACK INSTALLATION (OR SIMILAR) SIZE: 384MM OVERALL FINISH: BLACK
ACCESSORY	SPECIFICATION
CLOSER	SARGENT: 1431 SERIES POWERGUIDE CLOSER (OR EQUAL) PROVIDE STOP ARM ACCESSORY & HOLD OPEN FEATURE AS INDICATED ON DOOR SCHEDULE
CONCEALED OVERHEAD STOP	GLYNN-JOHNSON: CONCEALED OVERHEAD DOOR STOP #1005 (OR EQUAL) FINISH: US320 SATIN STAINLESS STEEL
CONCEALED OVERHEAD HOLD OPEN	GLYNN-JOHNSON: CONCEALED OVERHEAD HOLD OPEN #100H (OR EQUAL) FINISH: US320 SATIN STAINLESS STEEL
FLOOR STOP	BY GC
DOOR BOTTOM #1	PEMKO: FULL-MORTISE AUTOMATIC DOOR BOTTOM #111ARL (OR EQUAL)
DOOR BOTTOM #2	PEMKO: RECESSED DOOR BOTTOM SWEEP #90062NB (OR EQUAL)
SOUND SEAL	PEMKO: ADHESIVE-BACKED FIRE/SMOKE GASKETING #588 (OR EQUAL), FINISH: TBD

GENERAL DOOR NOTES

- NEW SWING DOORS TO BE LOCATED 4" OFF ADJACENT PARTITIONS TO ALLOW FOR DOOR TRIM, UNLESS NOTED OTHERWISE.
- ALL DOORS AND DOOR HARDWARE TO COMPLY WITH ICC/ANSI: ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (ICC A117.1-2009) CH 4: ACCESSIBLE ROUTES - SECTION 404 AND 2018 IBC SECTION 1010.1.9.
- FIRE-RATED DOORS AND FRAMES SHALL COMPLY WITH 2018 IBC SECTION 716.
- EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. ALL LOCKING DOORS TO HAVE SINGLE-ACTION LEVER RELEASE / SELF-RELEASING DEAD BOLTS.
- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON DOORS, CABINETS, PLUMBING FIXTURES AND STORAGE FACILITIES SHALL HAVE A LEVER OR OTHER SHAPE WHICH WILL PERMIT OPERATION BY WRIST OR ARM PRESSURE AND WHICH DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING TO OPERATE.
- DOOR THRESHOLD SHALL NOT EXCEED 1/2" IN HEIGHT.
- MAXIMUM DOOR OPENING PRESSURES ARE LIMITED TO 8.5 LBS AT EXTERIOR DOORS AND 5.0 LBS AT INTERIOR DOORS.
- VERIFY ALL DOOR SWINGS, HARDWARE AND KEYING REQUIREMENTS. SUBMIT KEYING SCHEDULE AND HARDWARE SPECS FOR APPROVAL.
- ACCESSIBLE RESTROOM SIGNAGE WITH TACTILE CHARACTERS TO BE LOCATED ON PUSH SIDE OF DOOR WITH CLOSER (UON) AND WITHOUT HOLD-OPEN DEVICE. TACTILE CHARACTER SHALL BE INSTALLED 48" - 60" ABOVE FINISHED FLOOR PER CODE. RESTROOM SIGNAGE SHALL COMPLY WITH IBC WA STATE AMENDMENTS, SECTION 1101.1.2.9 AND ICC/ANSI SECTION 703.6.3.1.
- MAIN EXTERIOR DOOR OR DOORS TO HAVE A READILY VISIBLE DURABLE SIGN POSTED ON THE EGRESS SIDE OR ON ADJACENT TO THE DOOR STATING: "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED". THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND.
- DOORS IN THE PATH OF EGRESS CAN NOT BE LOCKED FROM SIDE OF TRAVEL OF EMERGENCY EGRESS.
- FOR ALL POCKET DOORS, INSTALL BUMPER (ON TRACK IN WALL) TO STOP DOOR BEFORE HANDLE HITS THE JAMB WHEN DOOR IS RETRACTED.
- ALL POCKET AND SLIDING DOORS TO HAVE A MINIMUM OF 32" OF CLEAR WIDTH. CLEAR WIDTH IS MEASURED BETWEEN THE SIDE EDGE OF THE DOOR AND THE OPPOSITE STOP.
- ALL GLAZING IN DOORS AND RELITES TO BE TEMPERED SAFETY GLASS (SG) PER CODE.
- UTILITY ROOM DOOR TO RECEIVE PEMKO #303AS SPLIT ASTRAGAL SOUND SEAL, PEMKO #18062CNB BRUSH SEAL AND PEMKO #151A SADDLE THRESHOLD (OR EQUAL). INSTALL DIRECT-APPLY ACOUSTICAL WALL PANELS/TILES TO BACK OF DOOR, FINISHED WITH METAL TRIM CAP.
- WOOD DOORS AND TRIM TO BE PAINT-GRADE.

GENERAL DOOR HARDWARE NOTES

- PROVIDE STANDARD WEIGHT COMMERCIAL DOOR HINGES.
- ALL DOORS WITH CLOSERS TO HAVE BALL BEARING HINGES. ALL CLOSERS TO BE LOCATED ON INTERIOR OF SPECIFIED ROOM, U.O.N.
- PROVIDE ALL NECESSARY ITEMS FOR DOORS, INCLUDING: BUTTS, LATCH & LOCKSETS, CLOSERS, DOOR STOPS & HOLDERS, KICKPLATES, DOOR SILENCERS, THRESHOLDS, SMOKE GASKET AND WEATHER STRIPPING. SEE DOOR SCHEDULE "REMARKS/ACCESSORIES" COLUMN.
- ALTERNATE MANUFACTURERS MAY BE SELECTED WITH DESIGNER'S APPROVAL.
- GC TO VERIFY THAT ALL (E) HARDWARE TO REMAIN IS IN GOOD WORKING ORDER, AND MEETS TENANT SPECIFIC REQUIREMENTS.
- ALL DOOR HARDWARE TO COMPLY WITH ADA CODE REQUIREMENTS.
- ALL FINISHES TO BE SATIN CHROME OR SATIN STAINLESS STEEL, U.O.N.
- REFER TO FLOOR PLAN FOR DOOR HANDLING AND SWING.

GENERAL WINDOW NOTES

- A. LOCATIONS OF SAFETY GLAZING (SG):
OPENINGS WITH A VERTICAL EDGE WITHIN 24" OF A DOOR OPENING AND THE BOTTOM EDGE BELOW 60" A.F.F., AND;
OPENINGS MEETING ALL OF THE FOLLOWING:
- BOTTOM EDGE LESS THAN 18" FROM FLOOR.
 - TOP EDGE GREATER THAN 36" ABOVE FLOOR.
 - GLASS AREA GREATER THAN 9 SQUARE FEET.
 - WALKING SURFACE WITHIN 36" OF THE GLASS UNIT.
- OTHER LOCATIONS AS REQUIRED BY THE IBC, AS REQUIRED FOR STRENGTH, OR AS RECOMMENDED BY THE GLASS MFR.
SEE WINDOW TYPES FOR LOCATION OF TEMPERED SAFETY GLASS (SG).

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SCHEDULES
A7.1

EXAMPLE SET

MISCELLANEOUS ACCESSORIES & HARDWARE SCHEDULE

QTY	ITEM	LOCATION	MFR	DESCRIPTION	NUMBER	SIZE	COLOR / FINISH	NOTE
2 EA	GRAB BARS	STAFF RR PATIENT RR	BOBRICK	GRAB BARS	B-6806x18/30/42	1-1/2" DIAMETER	SATIN STAINLESS STEEL	-
2	TOILET PAPER HOLDER	STAFF RR PATIENT RR	BOBRICK	FINO SURFACE MOUNTED DOUBLE TOILET ROLL HOLDER	B-9547	-	-	-
2	PAPER TOWEL DISPENSER	STAFF RR PATIENT RR	BOBRICK	SURFACE MOUNTED PAPER TOWEL DISPENSER	B-4262	-	SATIN STAINLESS STEEL	VERIFY LOCATION(S) ONSITE WITH CLIENT.
2	SEAT COVER DISPENSER	STAFF RR PATIENT RR	BOBRICK	TRIMLINE SERIES RECESSED TOILET SEAT COVER DISPENSER	B-3013	-	SATIN STAINLESS STEEL	-
2	COAT HOOK	STAFF RR PATIENT RR	BOBRICK	DOUBLE ROBE HOOK	B-7672	-	SATIN STAINLESS STEEL	-
1	BABY CHANGING STATION	PATIENT RR	KOALA KARE	SURFACE MOUNTED BABY CHANGING STATION	KB300-05SS	-	WHITE GRANITE 05	-
2	MIRROR	STAFF RR PATIENT RR	-	FRAMELESS MIRROR WITH POLISHED EDGES	-	24X36 (SITE VERIFY)	-	INSTALL WITH THIN BRUSHED NICKEL J-CHANNEL AT BOTTOM AND METAL CLIPS AT TOP. VERIFY SPEC WITH CLIENT PRIOR TO ORDERING.
2	TRASH GROMMET	STERILE	MOCKETT	TRASH GROMMET	-	6" DIAMETER X 3" DEEP	SATIN STAINLESS STEEL	VERIFY LOCATION(S) ONSITE WITH CLIENT.
2	LEAD APRON HOLDER	IMAGING X-RAY	-	WALL MOUNT APRON HOLDER	-	-	-	FURNISHED BY EQUIPMENT REP. INSTALLED BY GC.
1	TABLE LEG	CONSULT ROOM	HAIRPIN LEG CO.	V-FRAME INDUSTRIAL LEG	-	28"H X 23"W	BLACK	VERIFY SPEC WITH CLIENT.
5	PENCIL DRAWER	RECEPTION DESK	HAFELE	PENCIL DRAWER, 3 COMPARTMENTS	429.59.340	26"D X 15.25"W	BLACK	VERIFY SPEC WITH CLIENT.
3	COAT HOOK	STAFF LOUNGE	LIBERTY HARDWARE	LIBERTY DOUBLE ROBE HOOK	B59104Z-FB-C	-	MATTE BLACK	INSTALL ON BACKPLATE AT ADA HEIGHT. BACKPLATE FINISH: PL-6
1	PULL-OUT TRASH/RECYCLING BINS	STAFF LOUNGE	REV-A-SHELF	BOTTOM MOUNT DOUBLE PULL-OUT WASTE CONTAINER (OR EQUAL)	5349-2150DM-217	-	-	VERIFY SPEC WITH CLIENT PRIOR TO ORDERING.
1	PAPER TOWEL HOLDER	STAFF LOUNGE	SIMPLE HUMAN	QUICK-LOAD PAPER TOWEL HOLDER	WALL-MOUNT	-	BRUSHED	VERIFY LOCATION(S) ONSITE WITH CLIENT.
1	SHARPS CHUTE	STERILE	GREENO	SHARPS CONTAINER HOLDER (MEDIUM) W/ #180 - 10 QT. SHARPS CONTAINER	SCH-M	-	-	VERIFY LOCATION(S) ONSITE WITH CLIENT.
1	PAPER TOWEL DISPENSER	STERILE	GREENO	EXTRA CAPACITY PAPER TOWEL DISPENSER W/ THROUGH CABINET MOUNT	1T-EC	-	-	-
2	GLOVE DISPENSER	STERILE	BOWMAN	SINGLE IN-CABINET GLOVE BOX DISPENSER	GB-144	-	-	-
1	PAPER TOWEL DISPENSER	STERILE (LAB SIDE)	BOBRICK	SURFACE-MT PAPER TOWEL DISPENSER (SMALL)	B-2621	-	SATIN STAINLESS STEEL	-
VFY	SHELVING	STORAGE	-	ADJUSTABLE SHELVING ON STANDARDS & BRACKETS	-	15" DEEP (SITE VERIFY)	WHITE MELAMINE, STANDARDS & BRACKETS	-
VFY	SHELVING	STAFF LOUNGE	-	COAT ROD/ADJUSTABLE SHELF ABOVE	-	12" DEEP SHELF VERIFY ROD SIZE	WHITE MELAMINE CHROME ROD	COAT ROD TO BE INSTALLED ON UNDERSIDE OF ADJUSTABLE SELF. VERIFY WITH CLIENT.
VFY	CABINET DOOR PULLS	THROUGHOUT	HAFELE	ESSENTIALS COLLECTION STEEL PULL	116.07.338	4" CTC	MATT BLACK	PULLS TO BE INSTALLED PER ORIENTATION INDICATED ON ELEVATIONS.
VFY	WIRE MANAGEMENT GROMMETS	THROUGHOUT	MOCKETT	PLASTIC WIRE MANAGEMENT GROMMETS	-	-	Ø PL-1: 95 - WHITE Ø PL-6: 93D - DESERT SAND	VERIFY LOCATION(S) ONSITE WITH CLIENT.
VFY	IN-WALL SUPPORTS	THROUGHOUT	-	IN-WALL STEEL SUPPORT BRACKETS	-	-	-	CUT BACK BRACKETS A MINIMUM OF 6" FROM FRONT FACE OF CTOPS.
VFY	CORNER GUARD/WALL CAP	THROUGHOUT	-	FULL-HEIGHT CORNER GUARDS	-	-	STAINLESS STEEL	VERIFY LOCATION(S) ONSITE WITH CLIENT.

GENERAL HARDWARE NOTES

1. PROVIDE FINISH HARDWARE FOR COMPLETE WORK IN COMPLIANCE WITH ADA REQUIREMENTS. QUANTITIES, WHERE LISTED, ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY, VERIFY ALL COUNTS.
2. HARDWARE SHALL BE SUPPLIED BY RECOGNIZED BUILDER'S HARDWARE SUPPLIER. PROVIDE SUBMITTAL FOR APPROVAL.
3. KEYS AND KEYING: LOCKS TO BE KEYPED ALIKE PER ROOM, U.O.N. PROVIDE (1) MASTER KEY FOR ALL CABINETS.
4. ALL HARDWARE AND ACCESSORIES TO BE INSTALLED PER ADA REQUIREMENTS, U.O.N.
5. PROVIDE IN-WALL BACKING AS REQUIRED FOR ALL MISCELLANEOUS ACCESSORIES AND HARDWARE.

PLUMBING SCHEDULE

QTY	ITEM	LOCATION	MFR	DESCRIPTION	NUMBER	FINISH	NOTE
1	SINK	STAFF LOUNGE	ELKAY	LUSTERTONE STAINLESS STEEL 19 X 18 X 6-1/2 SINGLE BOWL DROP-IN SINK	LRAD191865	SATIN SS	
2	FAUCET	STAFF LOUNGE STERILE	DELTA	ADA CLASSIC SINGLE HANDLE KITCHEN FAUCET WITH SIDE SPRAY	175-DST	POLISHED CHROME	
1	BEVERAGE FAUCET	STAFF LOUNGE	TBD	TBD	TBD	TBD	PROVIDE WITH WATER FILTRATION/CHILLER.
2	TOILET	STAFF RR PATIENT RR	TOTO	DRAKE TWO-PIECE TOILET, 1.6 GPF, ADA COMPLIANT, ELONGATED BOWL	CST744SL	#01 COTTON	INSTALL WITH ADA OPEN FRONT TOILET SEAT. TRIP LEVER TO BE INSTALLED ON APPROACH SIDE.
2	SINK	STAFF RR PATIENT RR	KOHLER	PENNINGTON DROP-IN BATHROOM SINK	K-2196-1-0	WHITE	
3	FAUCET	STAFF RR PATIENT RR STERILE (LAB SIDE)	DELTA	TRINSIC SINGLE HANDLE BATHROOM FAUCET	559LF-BLMPU	MATTE BLACK	
1	SINK	STERILE (LAB SIDE)	KOHLER	BOLERO ROUND DROP-IN SINK	K-2610-SU-NA	SATIN SS	
1	SINK	STERILE	ELKAY	LUSTERTONE STAINLESS STEEL 22 X 19-1/2 X 7-5/8 SINGLE BOWL DROP-IN SINK, 4-HOLE	LR22194	SATIN SS	VERIFY REQUIRED NUMBER OF HOLES WITH FAUCETS & EQUIPMENT.
1	EYEWASH FAUCET	STERILE	GUARDIAN	EYEWASH / DRENCH HOSE UNIT WITH THERMOSTATIC MIXING VALVE	G5022 / G6020	-	VERIFY IF BACKFLOW PREVENTOR (BP) IS REQUIRED BY JURISDICTION.
1	WATER SOLENOID	SITE VERIFY	-	ELECTRIC WATER SOLENOID / BYPASS VALVE	-	-	-
1	WATER HEATER	UTILITY ROOM	-	WATER HEATER WITH RECIRCULATING PUMP	-	-	VERIFY REQUIREMENTS AND SPECIFICATION WITH CLIENT. FURNISHED AND INSTALLED BY PLUMBER.

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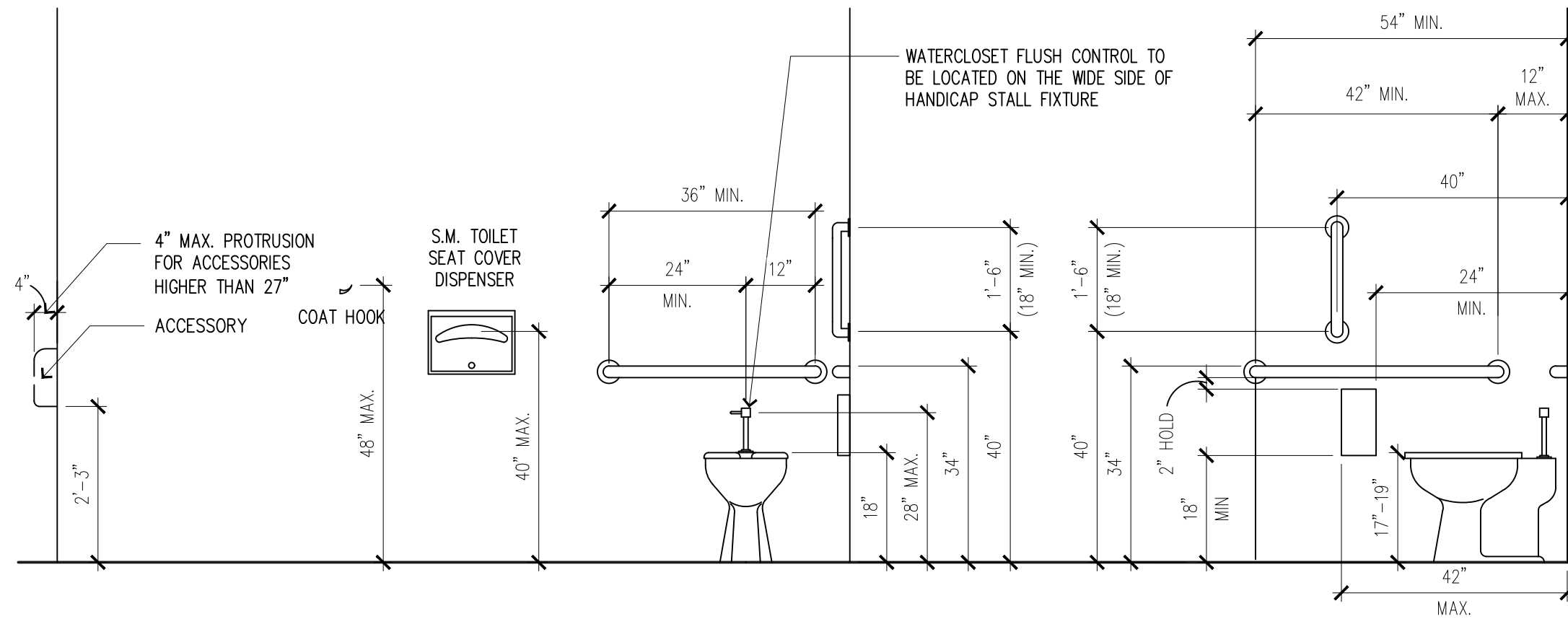
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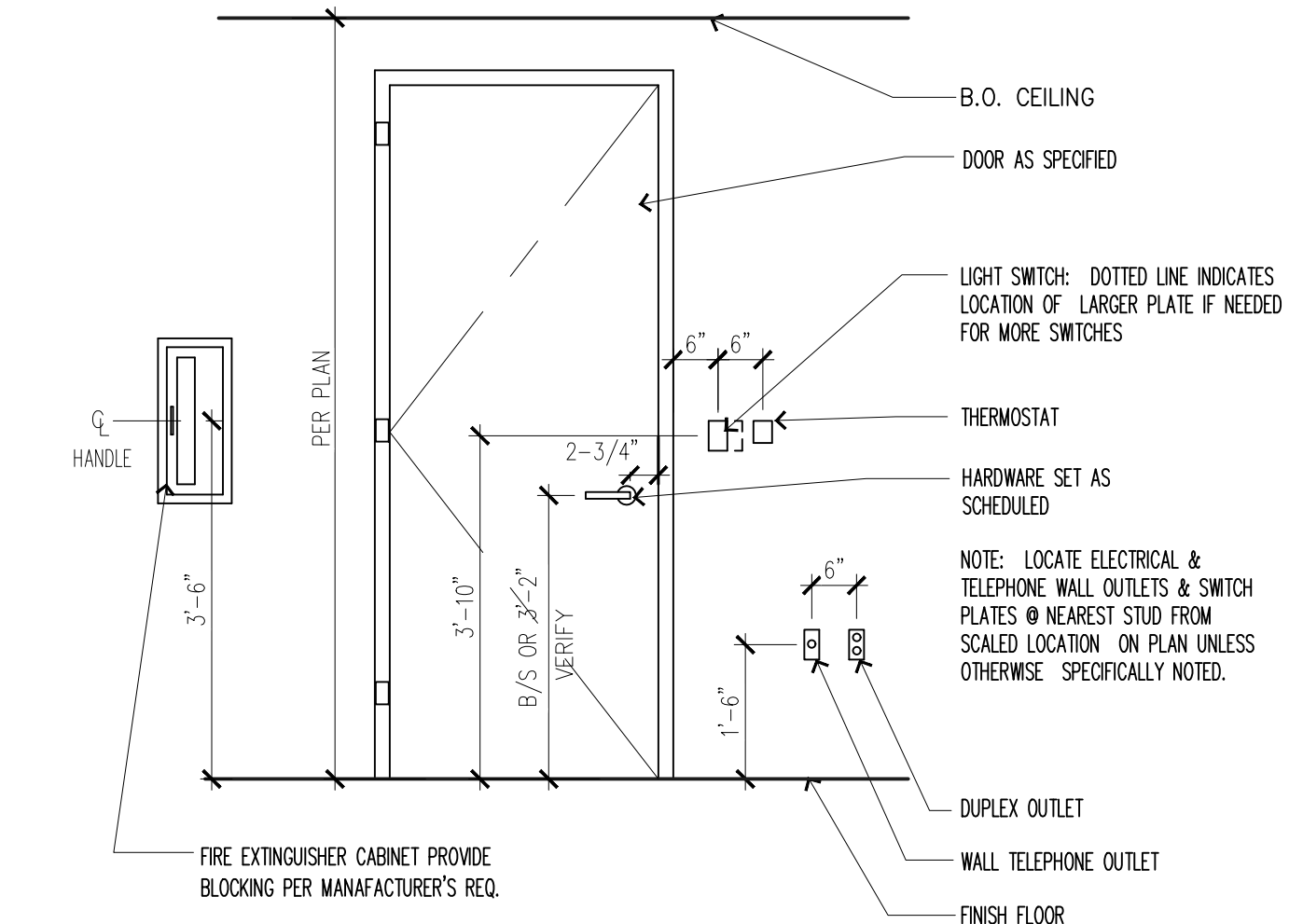
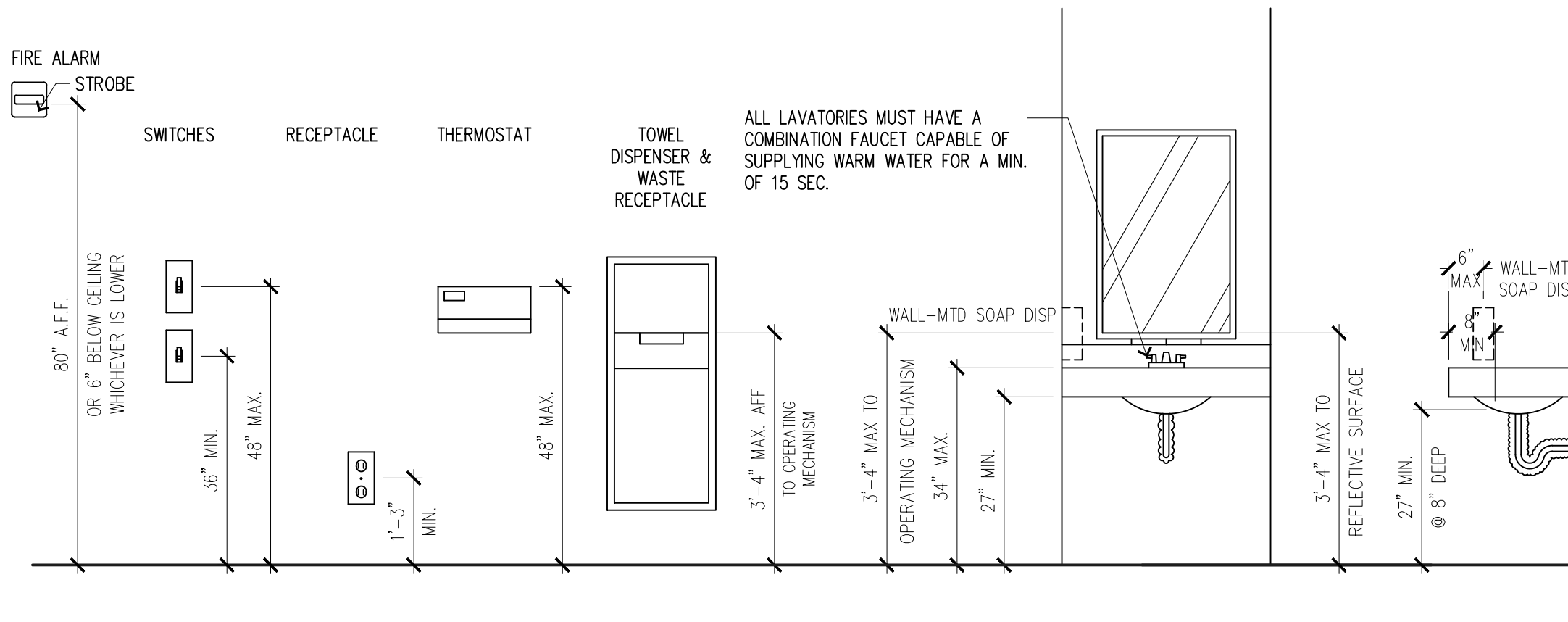
SCHEDULES
A7.2



NOTE: SEE SHEET A0.2 FOR ICC/ANSI A117.1 FOR ADDITIONAL CODE INFORMATION.

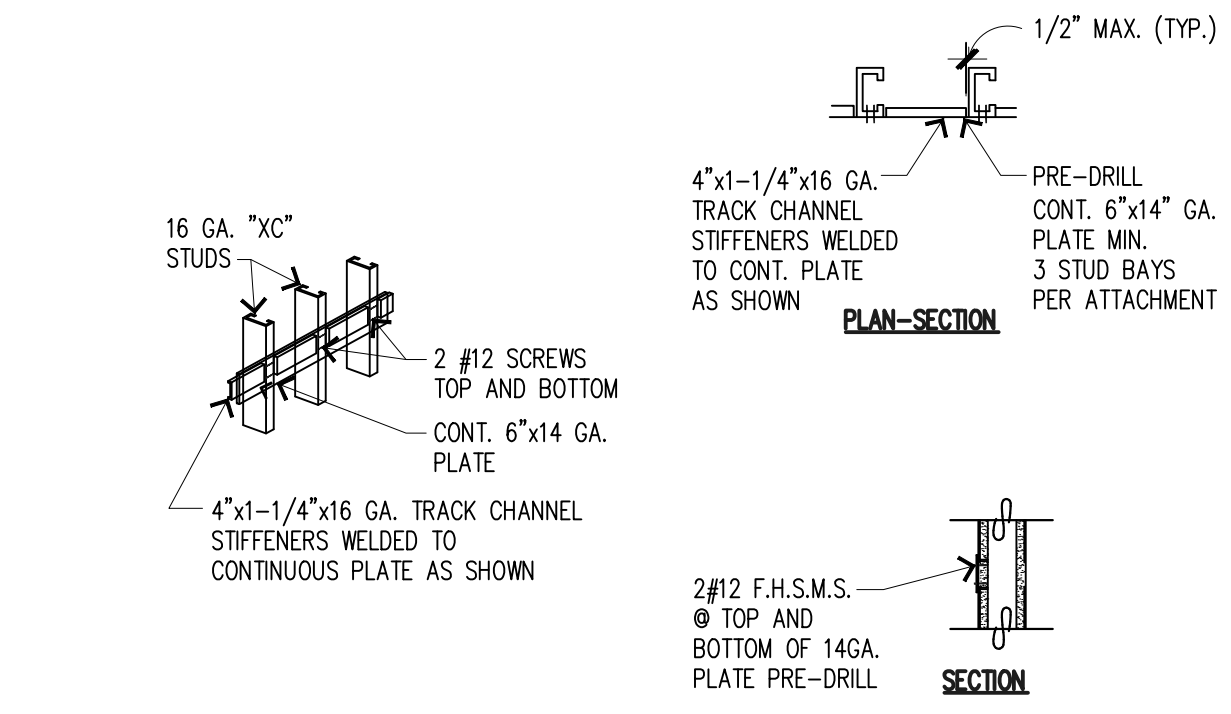
1 FIXTURE & ACCESSORY ELEVATIONS

SCALE: N.T.S.



4 MOUNTING HEIGHTS DIAGRAM

SCALE: N.T.S.



- NOTES:
1. PROVIDE BACKING PLATE FOR ALL GRAB BARS.
 2. USE #12 SELF-TAPPING SHL. MET. SCREWS WHEN ATTACHING ITEMS TO BACKING PLATE.
 3. WALL STUD FLANGES ARE CONTINUOUS.
 4. VERIFY LENGTH, HT., LOCATION OF BACKING PLATE AND NUMBER REQUIRED. BACKING PLATE SHALL BE SECURED TO MIN. 3 STUDS.

5 GRAB BAR BACKING DETAIL

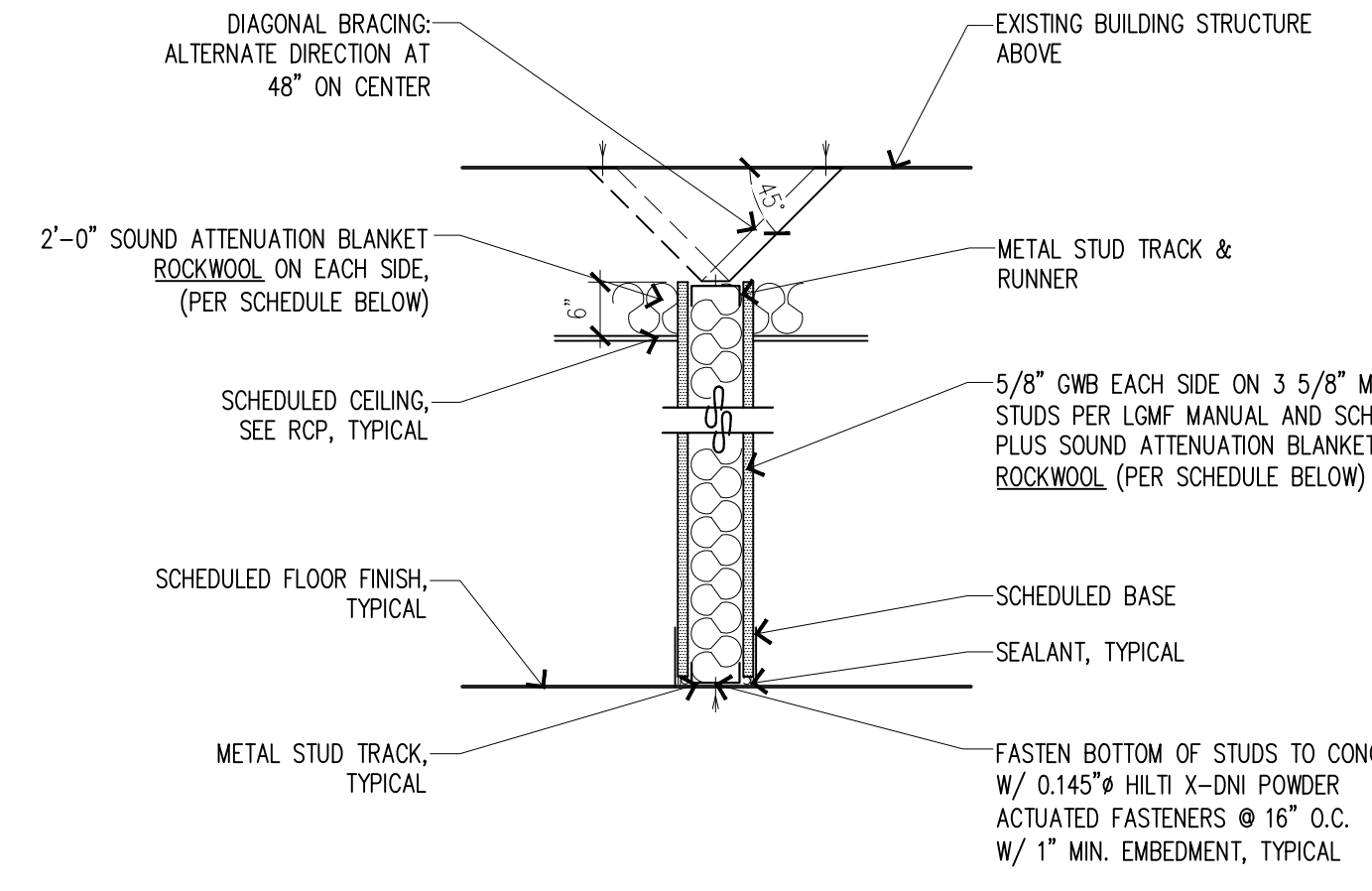
SCALE: N.T.S.

COMPOSITE DESIGN FOR NON-STRUCTURAL STEEL PARTITIONS					
30 MILS STUDS @ 5 PSF (25 GA NOMINAL)			33 MILS STUDS @ 5 PSF (20 GA NOMINAL)		
STUD SIZE	STUD SPACING	LIMITING WALL HEIGHT	STUD SIZE	STUD SPACING	LIMITING WALL HEIGHT
162S125 (1-5/8")	12"	9'-11"	162S125 (1-5/8")	12"	10'-4"
	16"	9'-2"		16"	9'-8"
	24"	8'-3"		24"	8'-9"
250S125 (2-1/2")	12"	13'-2"	250S125 (2-1/2")	12"	13'-11"
	16"	12'-1"		16"	12'-10"
	24"	10'-9"		24"	11'-7"
350S125 (3-5/8")	12"	17'-1"	362S125 (3-5/8")	12"	17'-10"
	16"	15'-8"		16"	16'-5"
	24"	14'-0"		24"	14'-9"
400S125 (4")	12"	19'-0"	400S125 (4")	12"	19'-11"
	16"	17'-6"		16"	18'-4"
	24"	15'-7"		24"	16'-5"
600S125 (6")	12"	25'-6"	600S125 (6")	12"	26'-9"
	16"	23'-2"		16"	24'-6"
	24"	20'-3"		24"	21'-7"

- NOTES:
- LIGHT GAUGE METAL FRAMING (LGMF)
 - ASSUMED ALLOWABLE DEFLECTION = L/240
 - PROVIDE STUD BRIDGING AS REQUIRED BY GOVERNING CODES AND REGULATIONS
- BASED ON SSMA ICBO ER-4943P AND INDUSTRY TECHNICAL NOTE 4, NOV. 2001

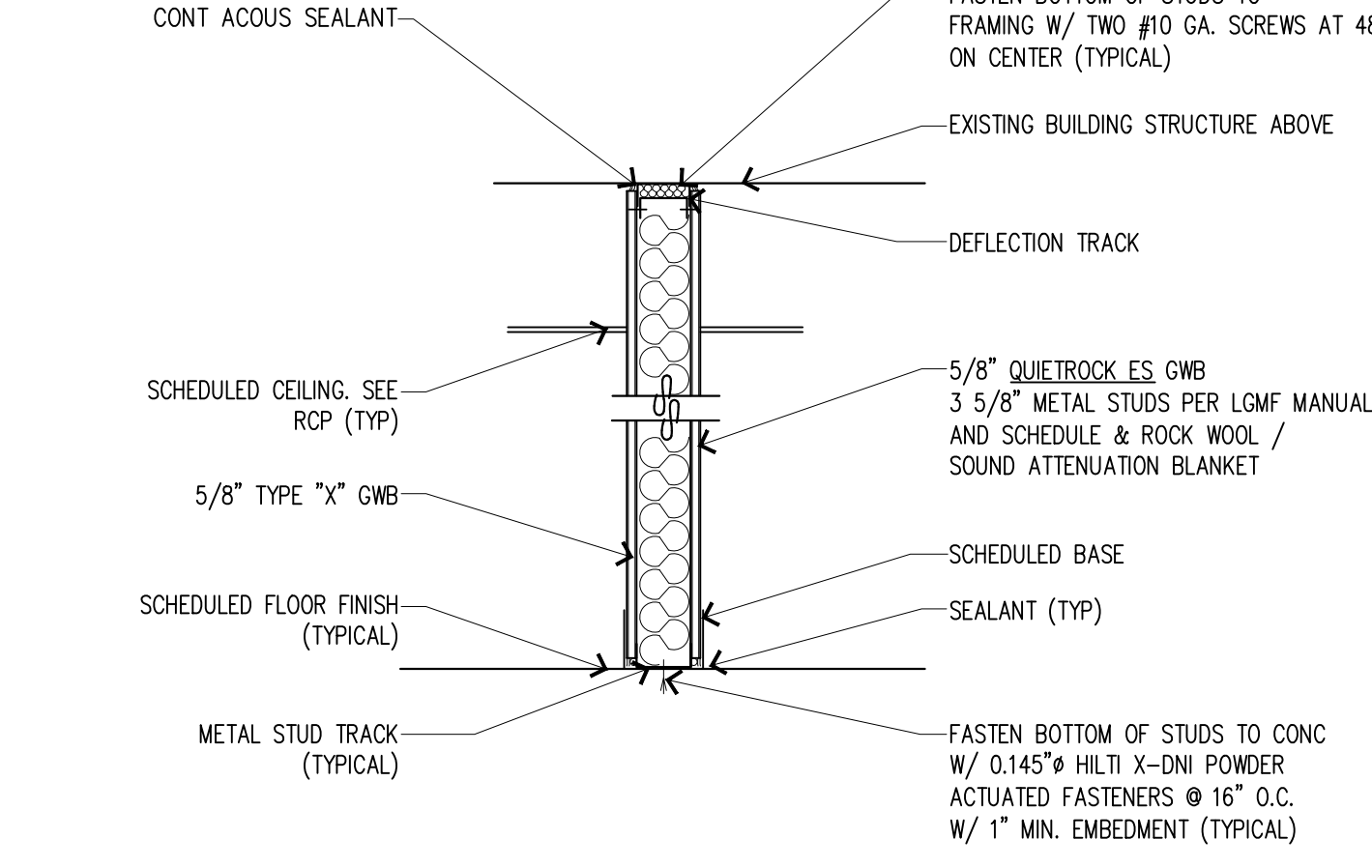
6 LIGHT GAUGE METAL SCHEDULE

SCALE: N.T.S.



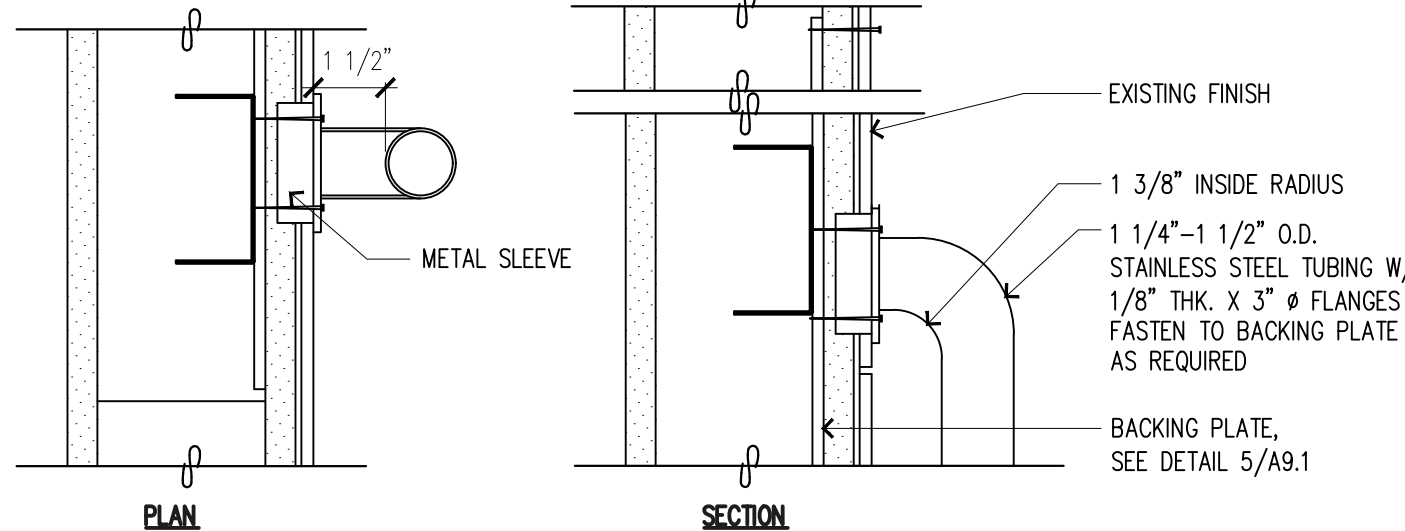
7 FULL HEIGHT WALL (TYPE 1)

SCALE: N.T.S. TO 6" ABOVE CEILING



8 FULL HEIGHT SOUND WALL (TYPE 2)

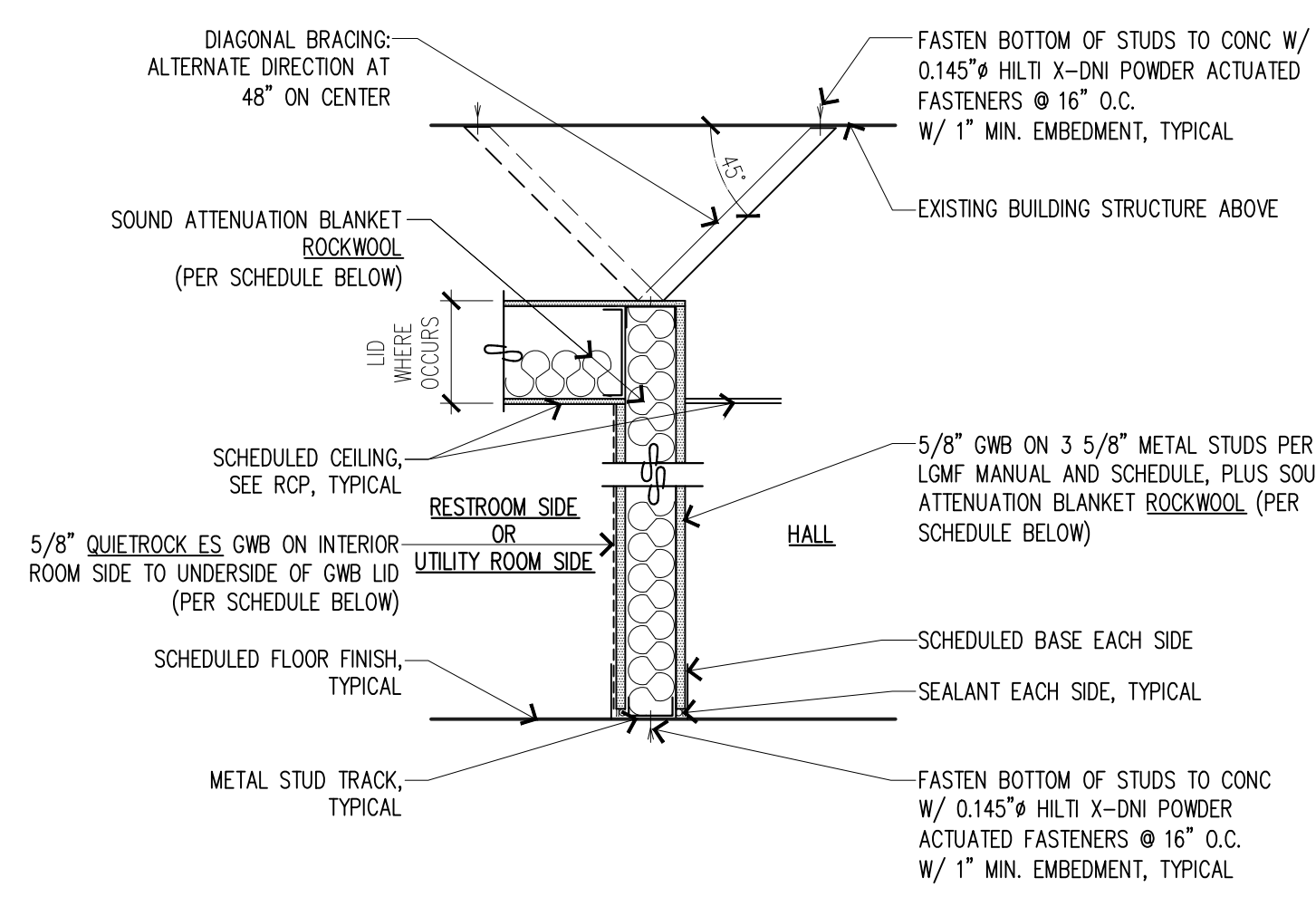
SCALE: N.T.S. TO UNDERSIDE OF STRUCTURE



- NOTES:
1. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1 1/4" TO 1 1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.
 2. IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1/2".
 3. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
 4. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
 5. THE STRUCTURAL STRENGTH OF GRAB BARS.
 6. FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:
 - A. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 300-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
 - B. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF A 300-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESS SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS.
 - C. SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 300-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE, WHICHEVER HAS THE SMALLER ALLOWABLE LOAD.
 - D. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB. POINT LOAD, PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF A 300-LB. POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
 - E. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

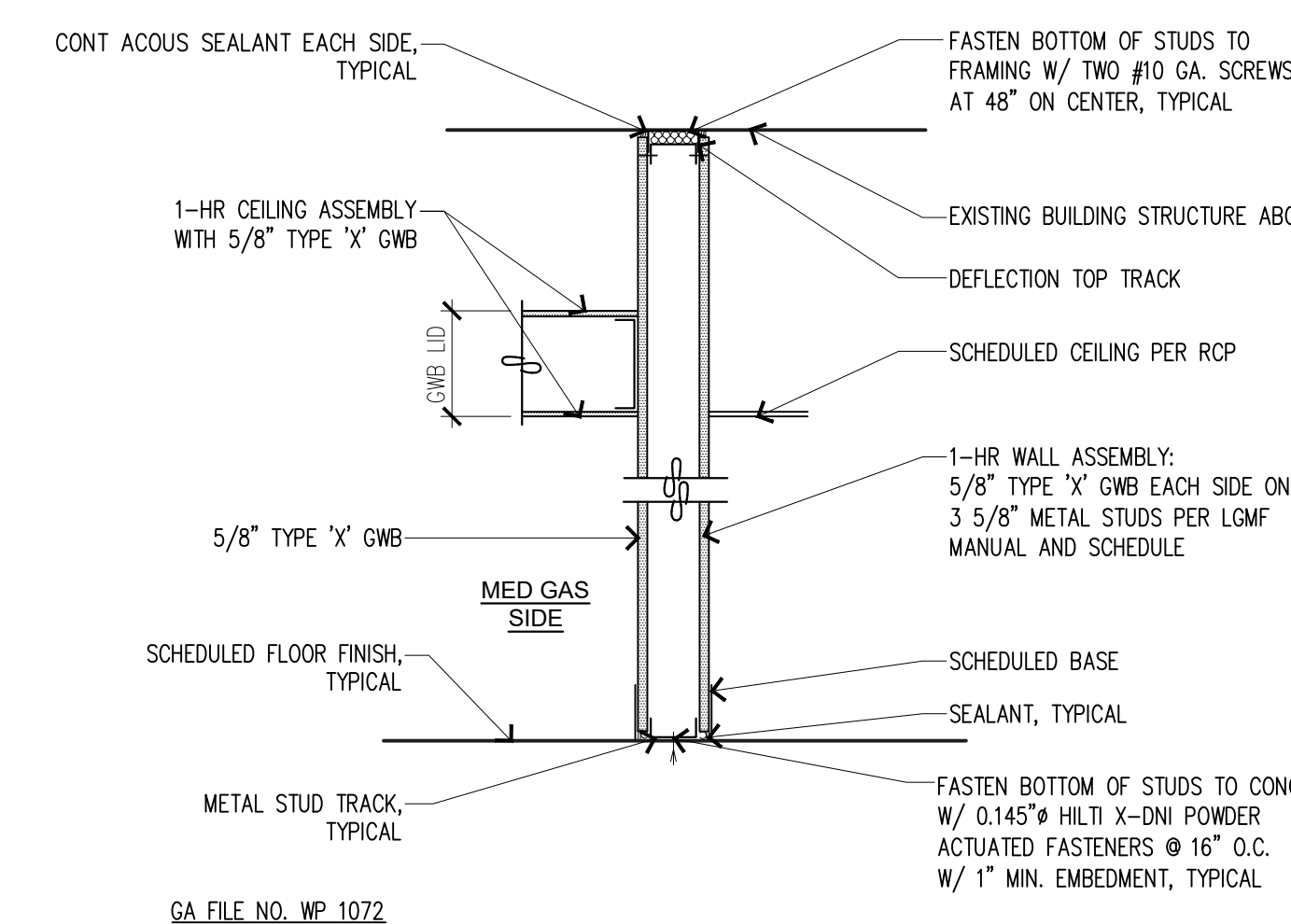
9 GRAB BAR DETAIL

SCALE: N.T.S.



10 FULL HEIGHT WALL (TYPE 3)

SCALE: N.T.S. TO UNDERSIDE OF STRUCTURE



11 1-HR RATED CEILING WALL (TYPE 4)

SCALE: N.T.S. MED GAS

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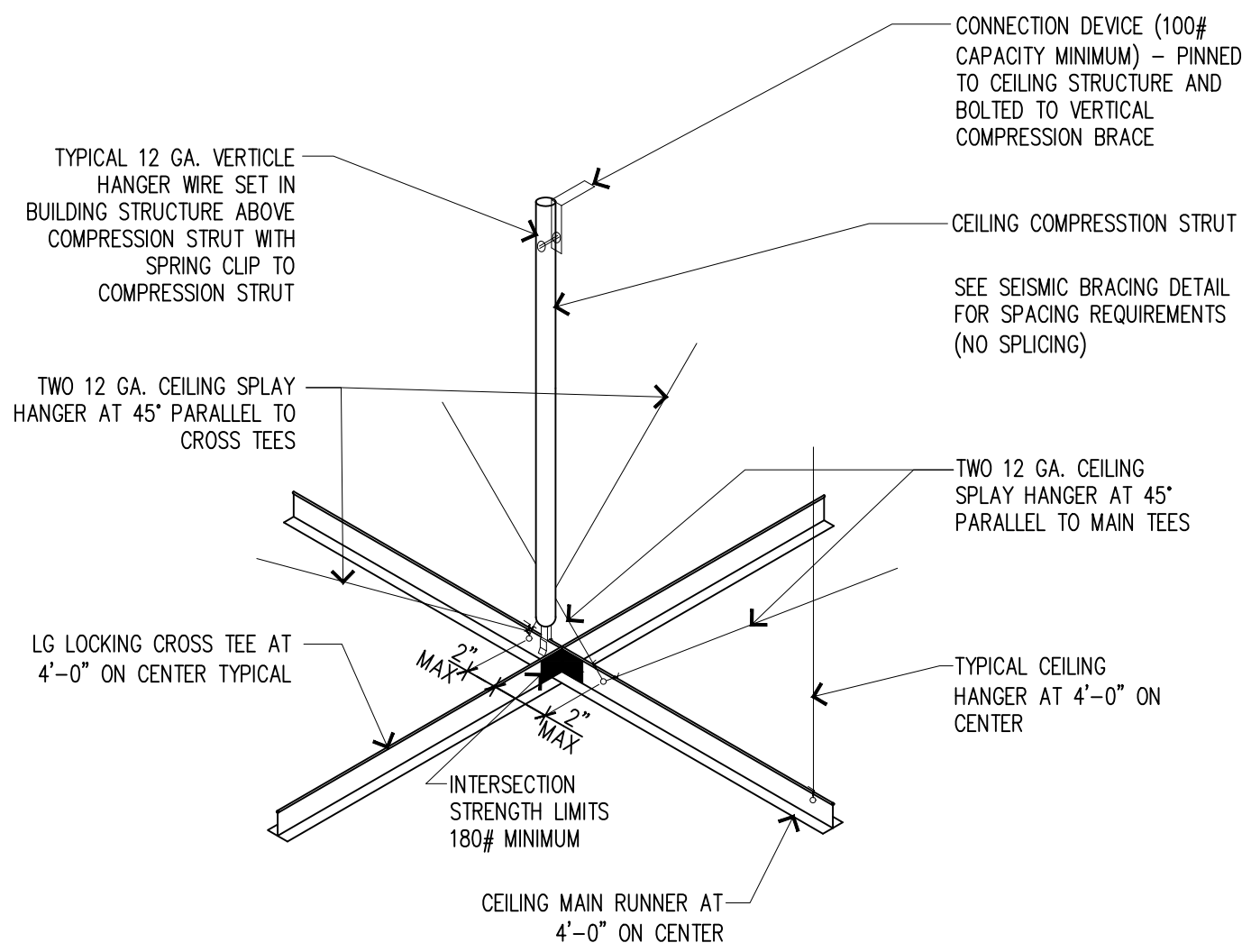
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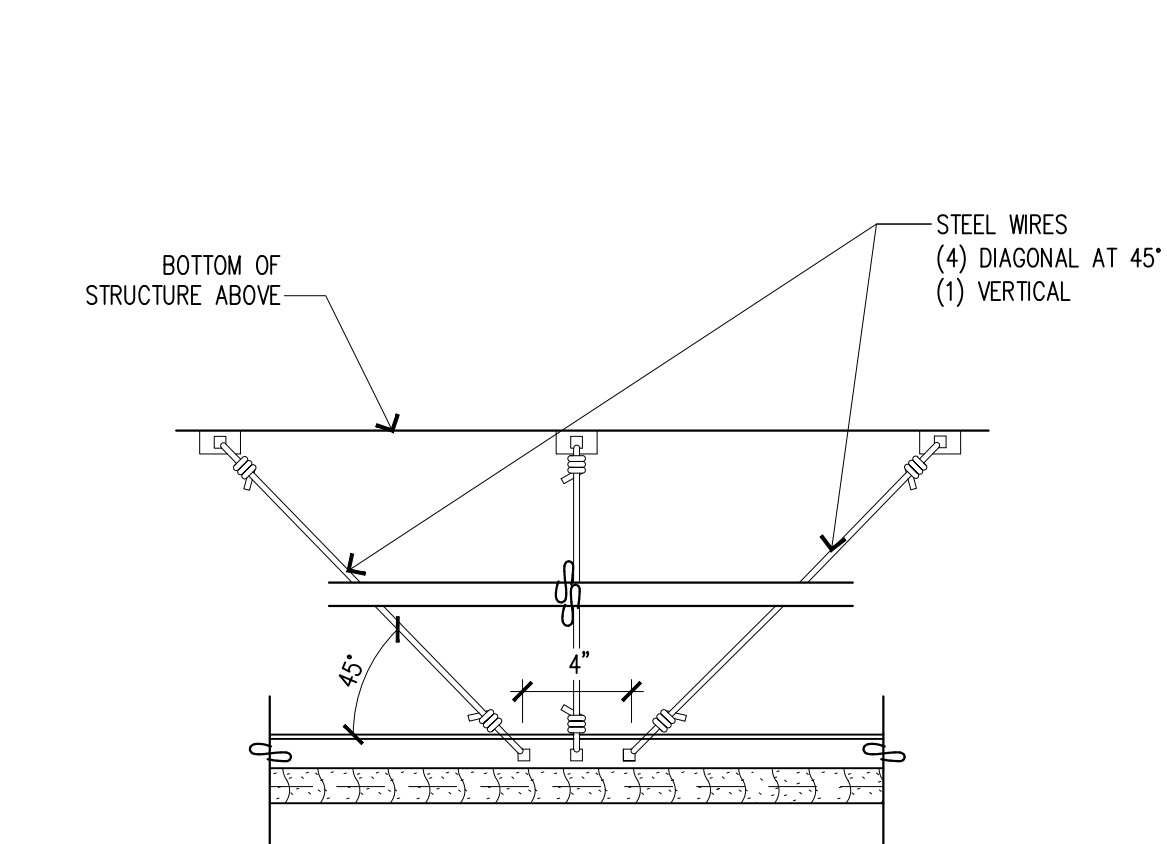
INTERIOR DETAILS
A9.1

EXAMPLE SET



1 COMPRESSION STRUT DETAIL

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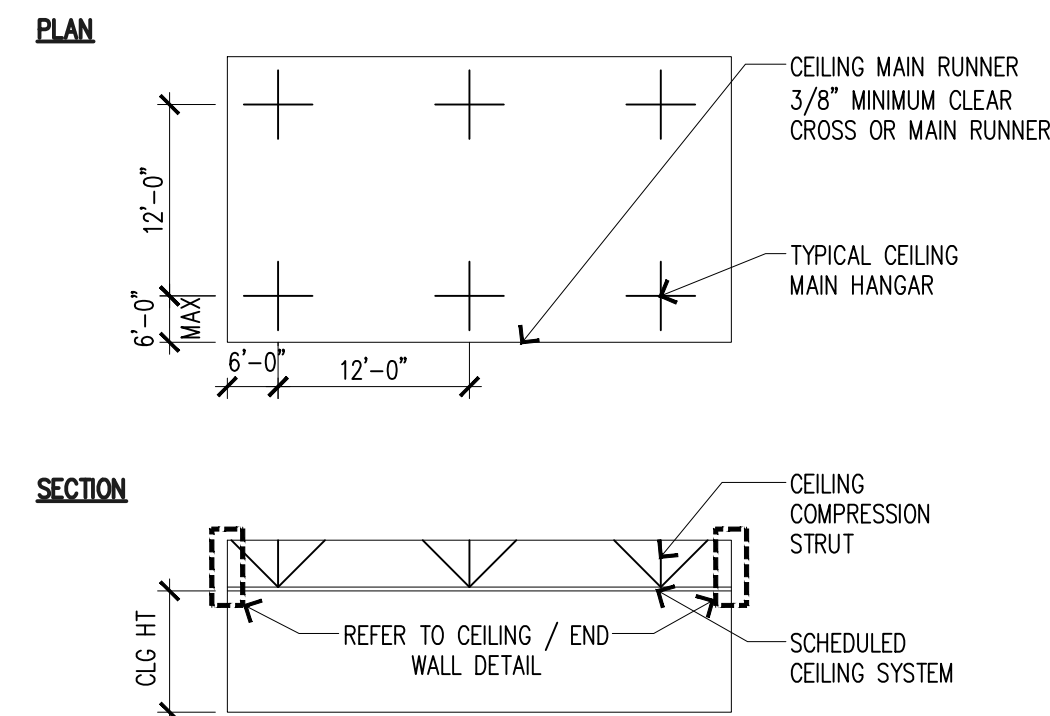


2 SEISMIC BRACING DETAIL

- NOTES:
1. AREA OF CEILING SUPPORTED NOT TO EXCEED 144 SQ. FT.
 2. MAXIMUM BRACE SPACING NOT TO EXCEED 12'-0".
 3. FIRST BRACING POINT WITHIN 4'-0" OF EACH WALL.
 4. BRACE POINT ON MAIN RUNNER NOT TO EXCEED 2" DISTANCE FROM CROSS RUNNER.

3 SEISMIC BRACING DETAIL

SCALE: N.T.S.

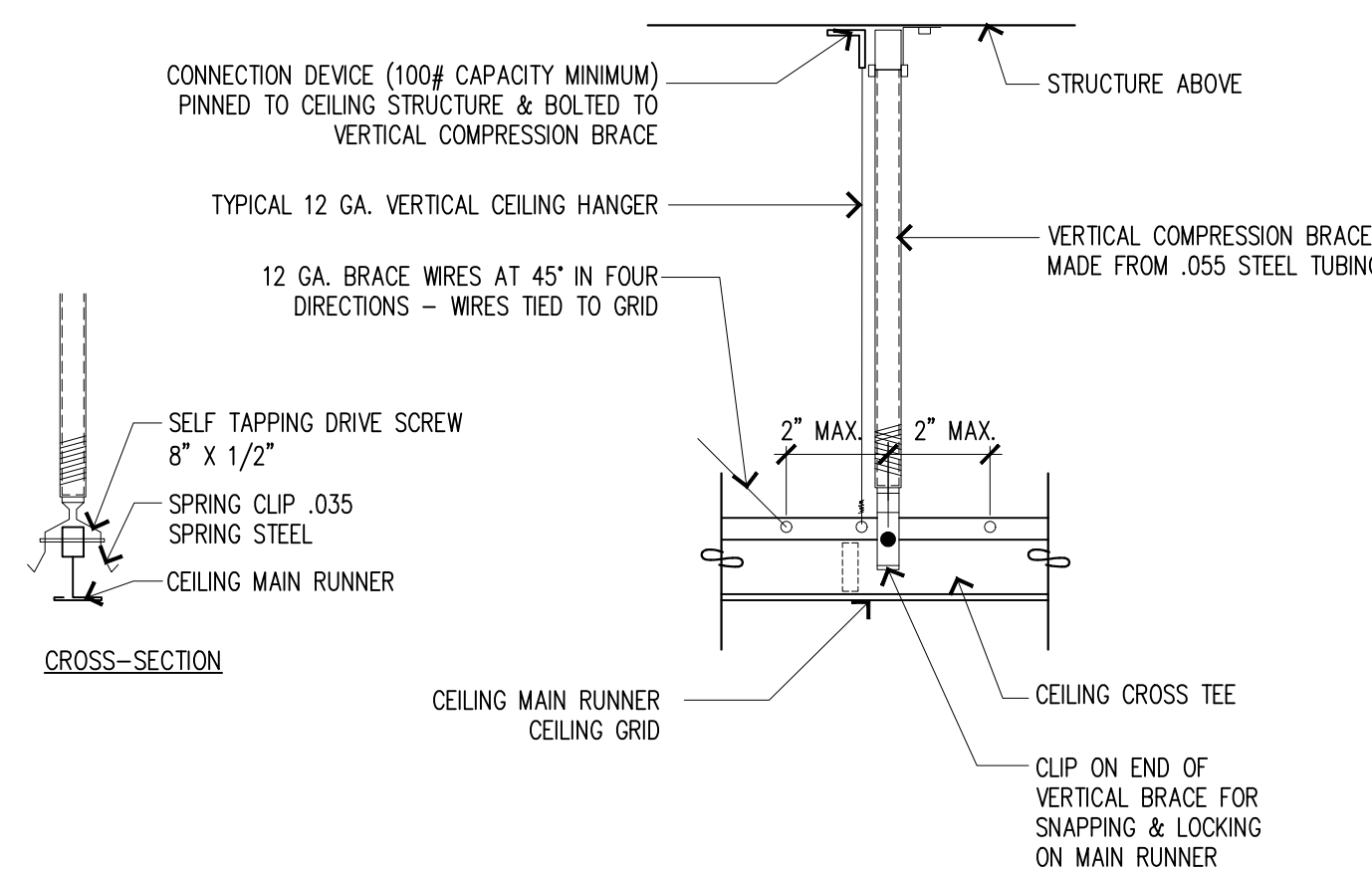


4 SEISMIC BRACING DETAIL

- NOTES:
1. TIE ADJACENT WALLS TO CEILING MAIN AND CROSS RUNNER.
 2. INSTALL CEILING GRID USING NO. 12 GA. SPLAY WIRE HANGERS AT 45° WITH RUNNER, 90° TO EACH OTHER (4 WIRES) BEGINNING 4'-0" FROM STARTING POINT OF GRID AND TILE LAYOUT AND IN BOTH DIRECTIONS AT 12'-0" THEREAFTER.

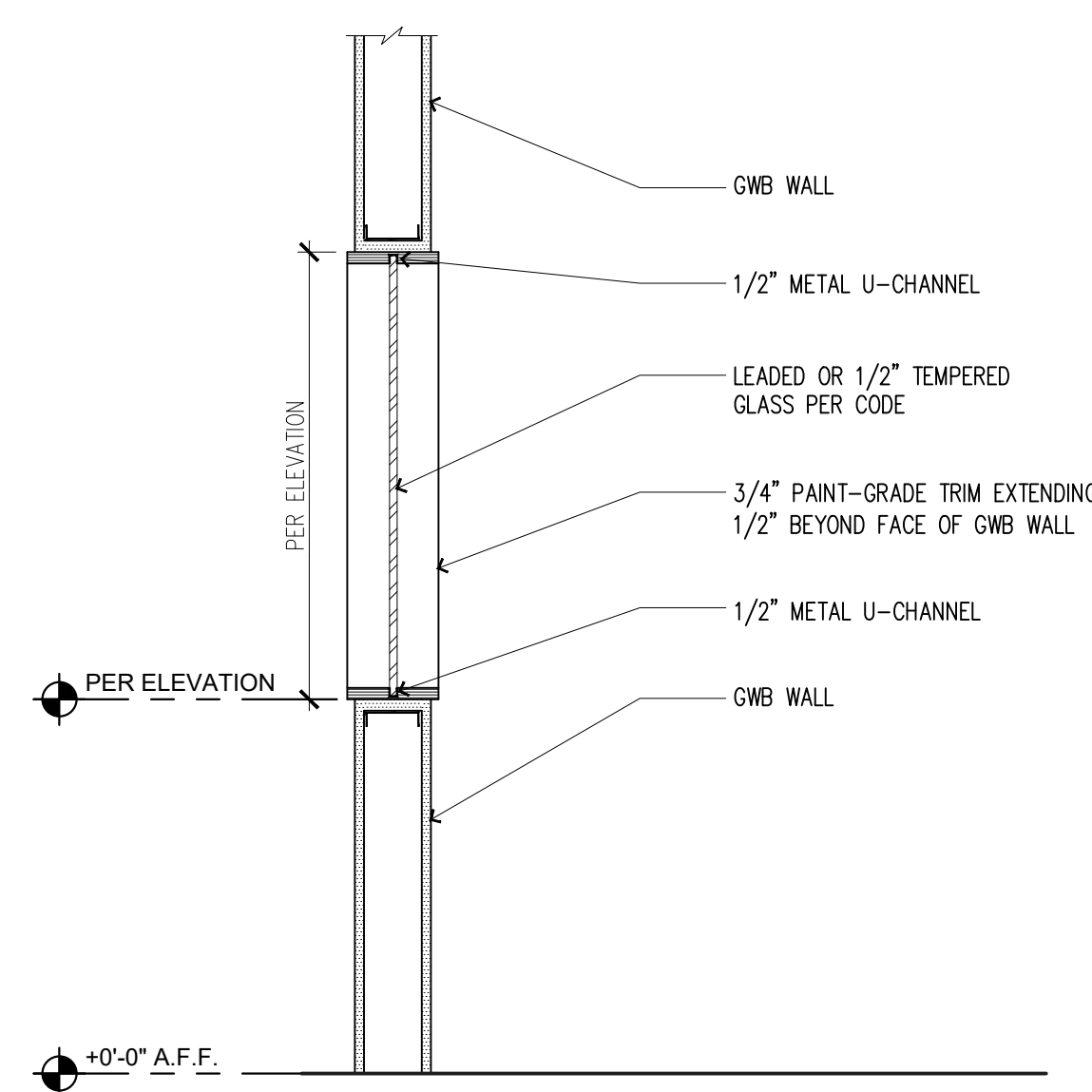
5 COMPRESSION STRUT DETAIL

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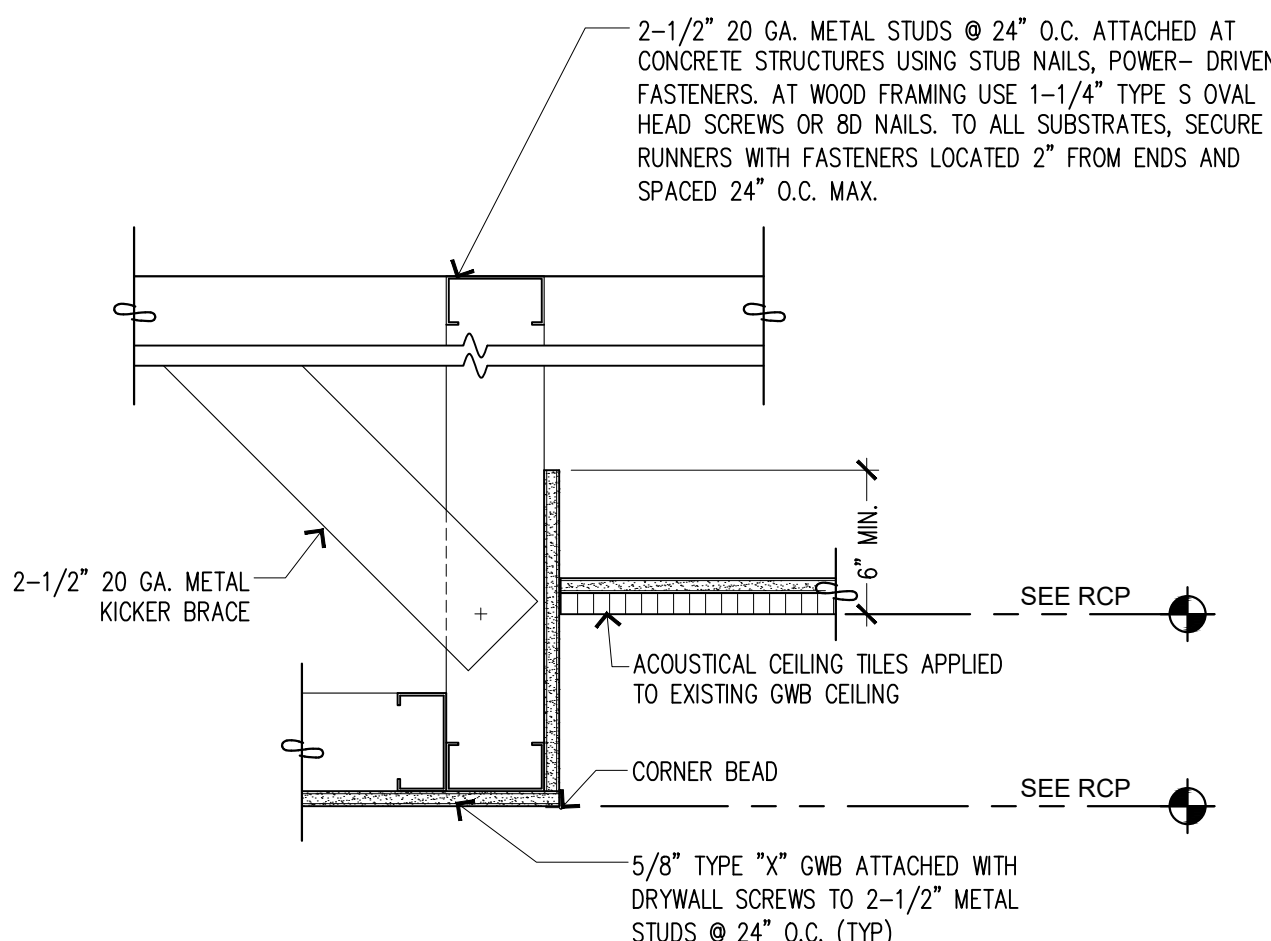
6 IMAGING VIEWING WINDOW

SCALE: N.T.S.



7 TYPICAL SOFFIT DETAIL

SCALE: N.T.S.

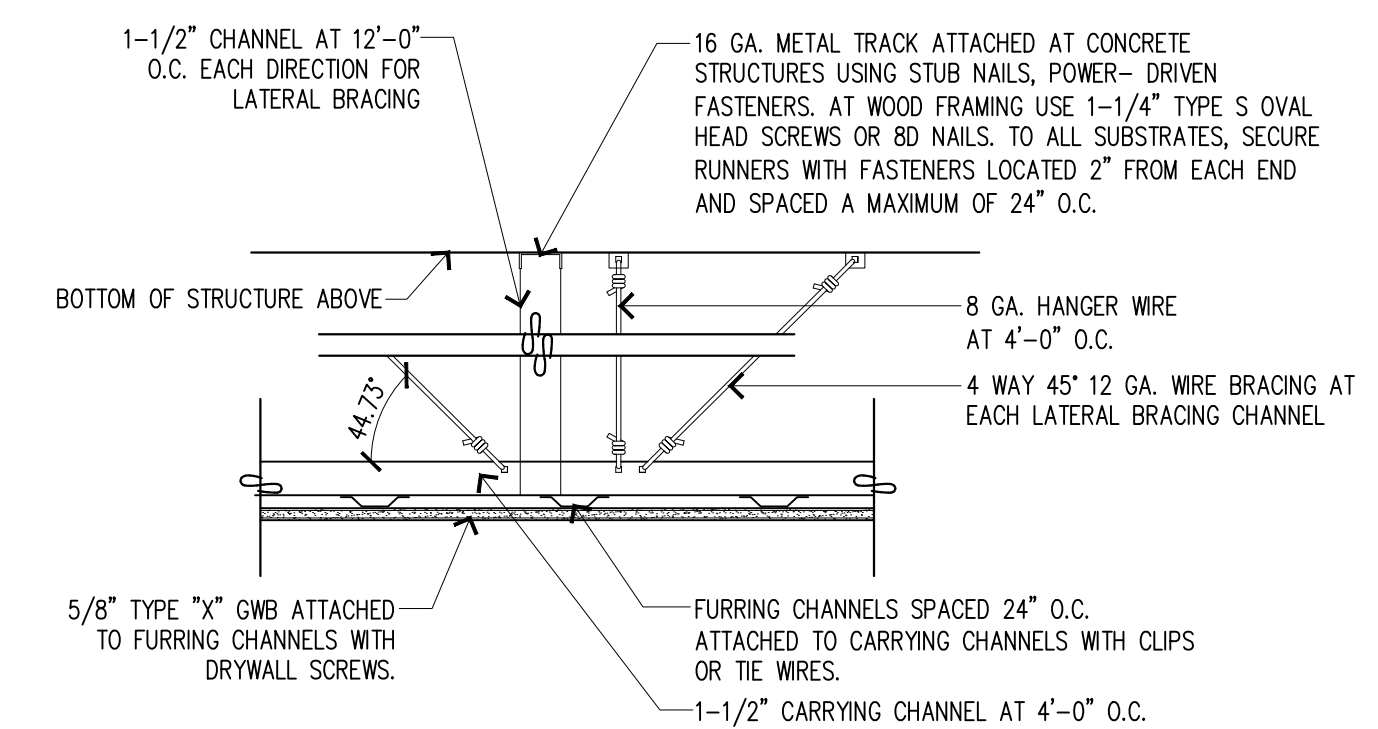


8 GWB LID CEILING DETAIL

- NOTES:
1. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS.
 2. ALL WORK TO CONFORM WITH 2018 IBC SECTION 2210 COLD-FORMED STEEL LIGHT-FRAMED CONSTRUCTION AND 2018 IBC SECTION 2508 GYPSUM CONSTRUCTION.

9 TYPICAL GYPSUM BOARD CEILING

SCALE: N.T.S.

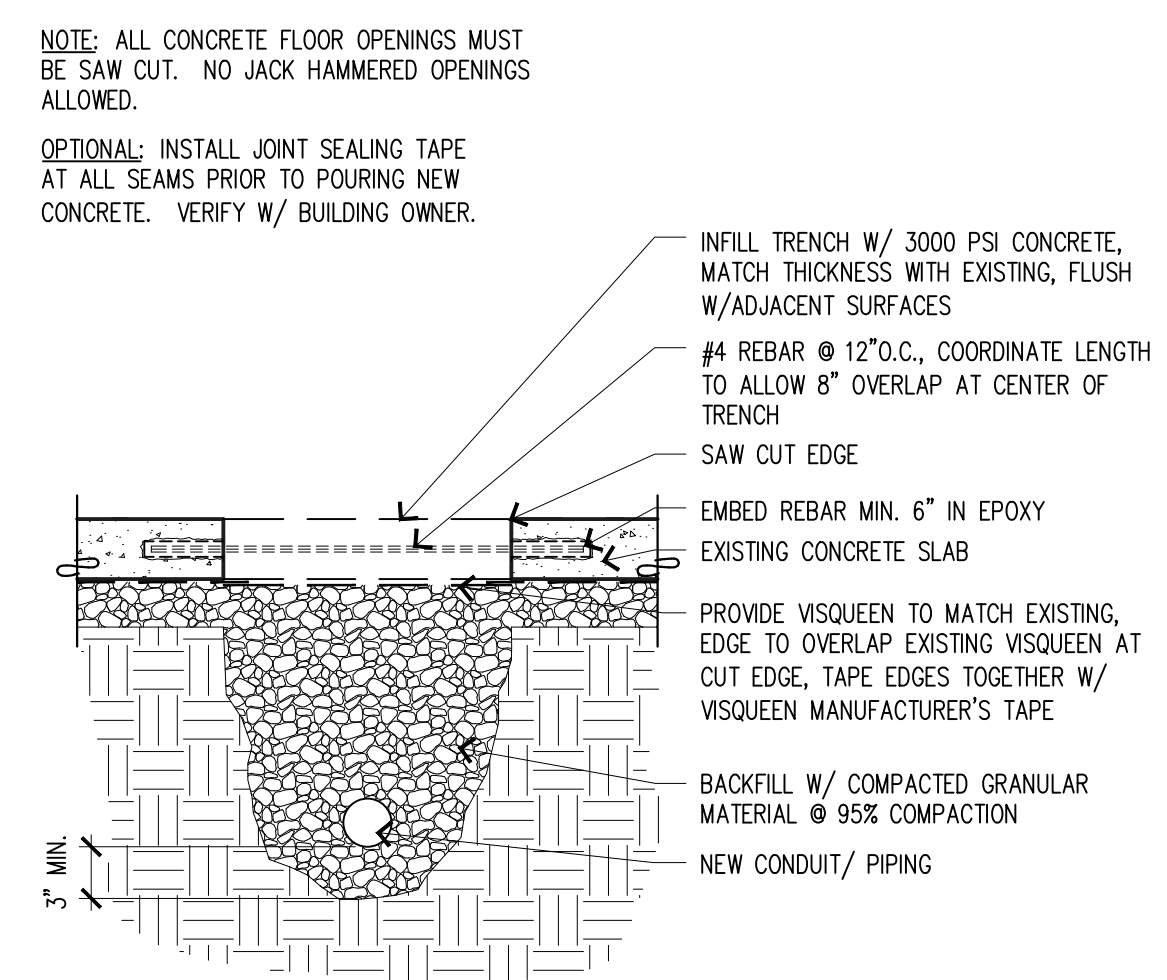


10 CONCRETE SAWCUT

- NOTES:
1. ALL WORK TO CONFORM WITH 2018 IBC SECTION 2210 COLD-FORMED STEEL LIGHT-FRAMED CONSTRUCTION AND 2018 IBC SECTION 2508 GYPSUM CONSTRUCTION.
 2. INSTALL 1-1/2" CHANNELS 4'-0" O.C. WITH NO. 8 GA. HANGER WIRE SPACED A MAXIMUM OF 4'-0" O.C. ALONG CARRYING CHANNELS. ATTACH FURRING CHANNELS SPACED NOT MORE THAN 24" O.C. PERPENDICULAR TO 1-1/2" C.R. CHANNELS WITH DOUBLE STRAND OF SADDLE TIED NO. 16 GA. GALVANIZED TIE WIRE, OR 1-1/2" FURRING CHANNEL CLIPS.
 3. APPLY GWB WITH ITS LONG DIMENSION AT RIGHT ANGLES TO THE FURRING CHANNELS. LOCATE GWB BUTT JOINTS OVER THE CENTER OF FURRING CHANNELS. ATTACH GWB WITH 1" SELF-DRILLING DRYWALL SCREWS 7" O.C. AT ALL SUPPORTS, INCLUDING PERIMETER BLOCKING, AND NOT MORE THAN 3/8" FROM THE EDGES AND ENDS OF GWB.

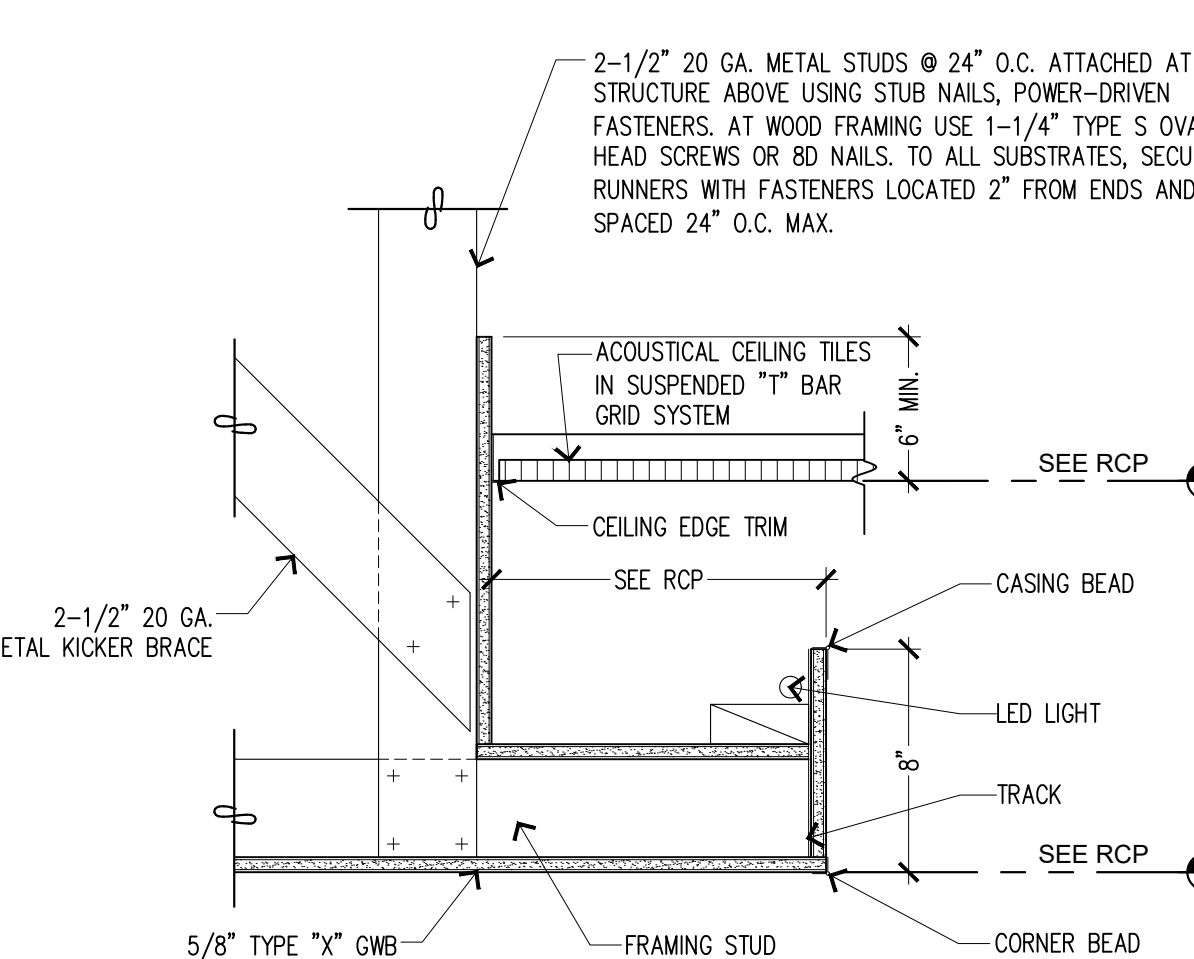
11 CANTILEVERED SOFFIT DETAIL

SCALE: N.T.S.



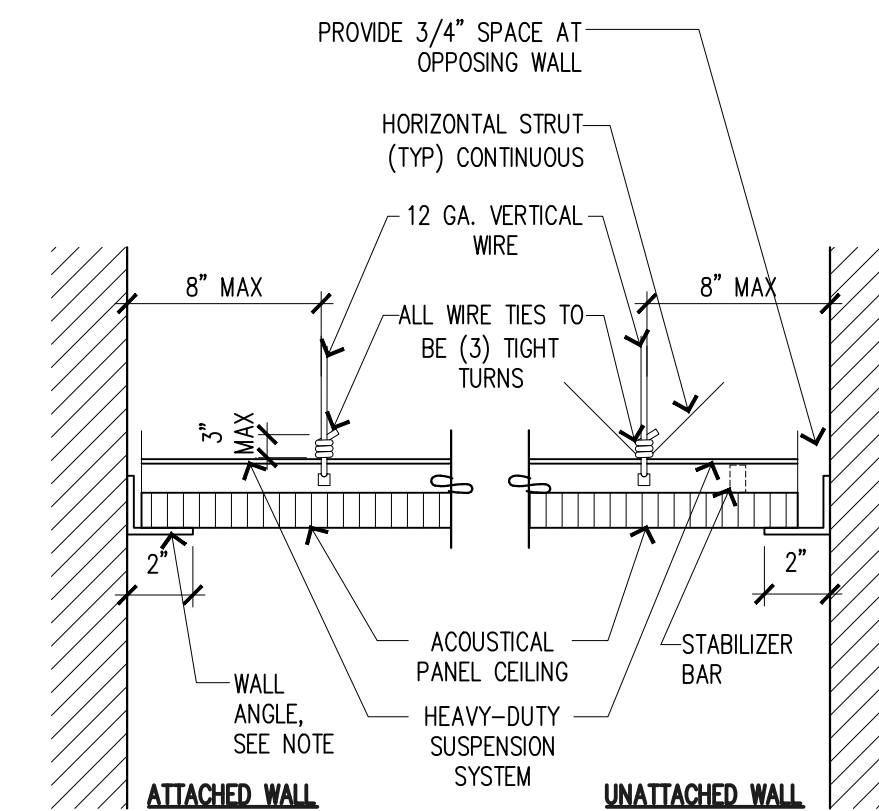
12 CANTILEVERED SOFFIT DETAIL

SCALE: N.T.S.



REVISIONS

- NOTES:
1. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS.
 2. ALL WORK TO CONFORM WITH 2018 IBC SECTION 2210 COLD-FORMED STEEL LIGHT-FRAMED CONSTRUCTION AND 2018 IBC SECTION 2508 GYPSUM CONSTRUCTION.



REVISIONS

NOTE: MITRE 2° PERIMETER WALL ANGLE AT INSIDE AND OUTSIDE CORNERS.

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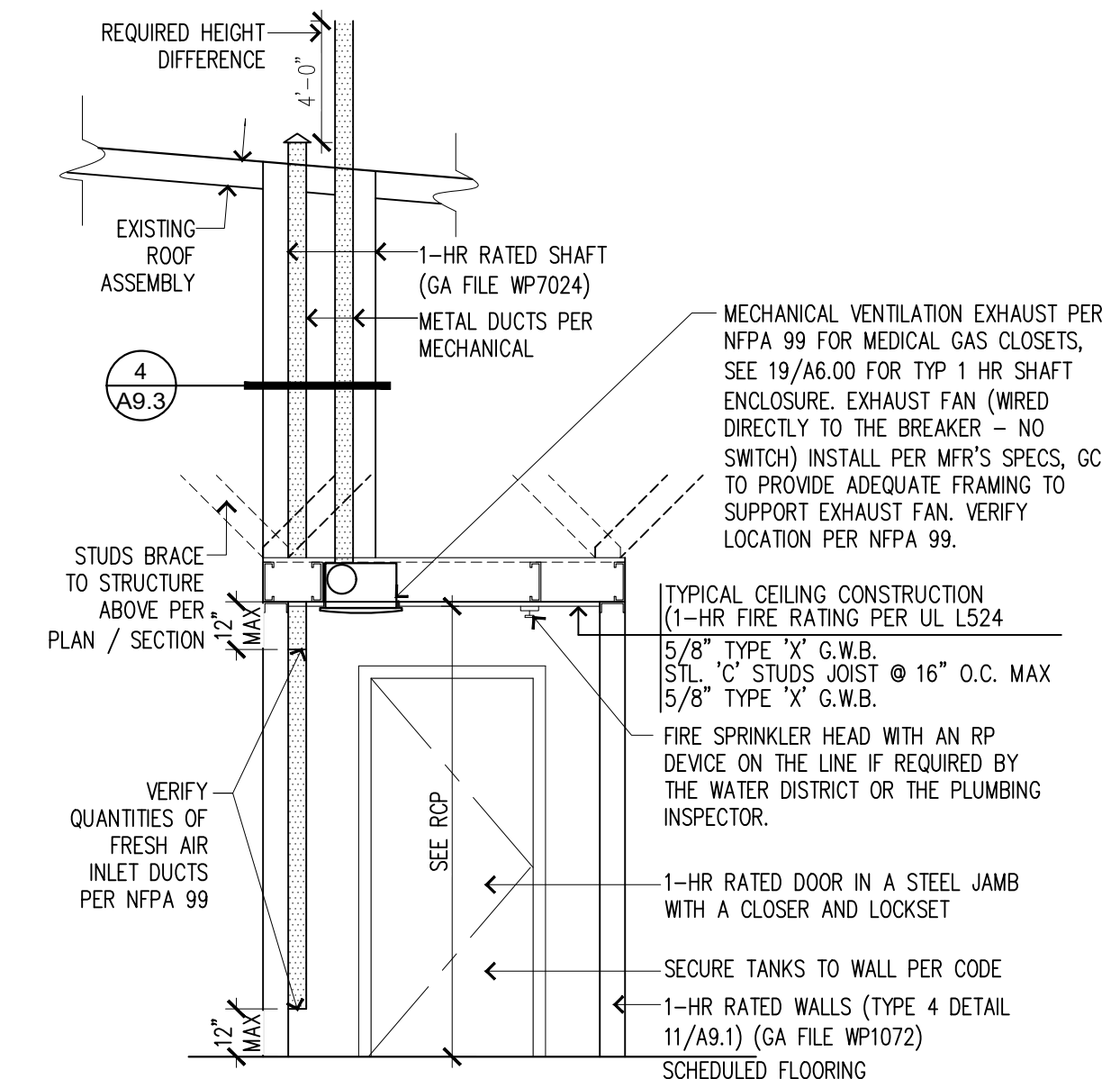
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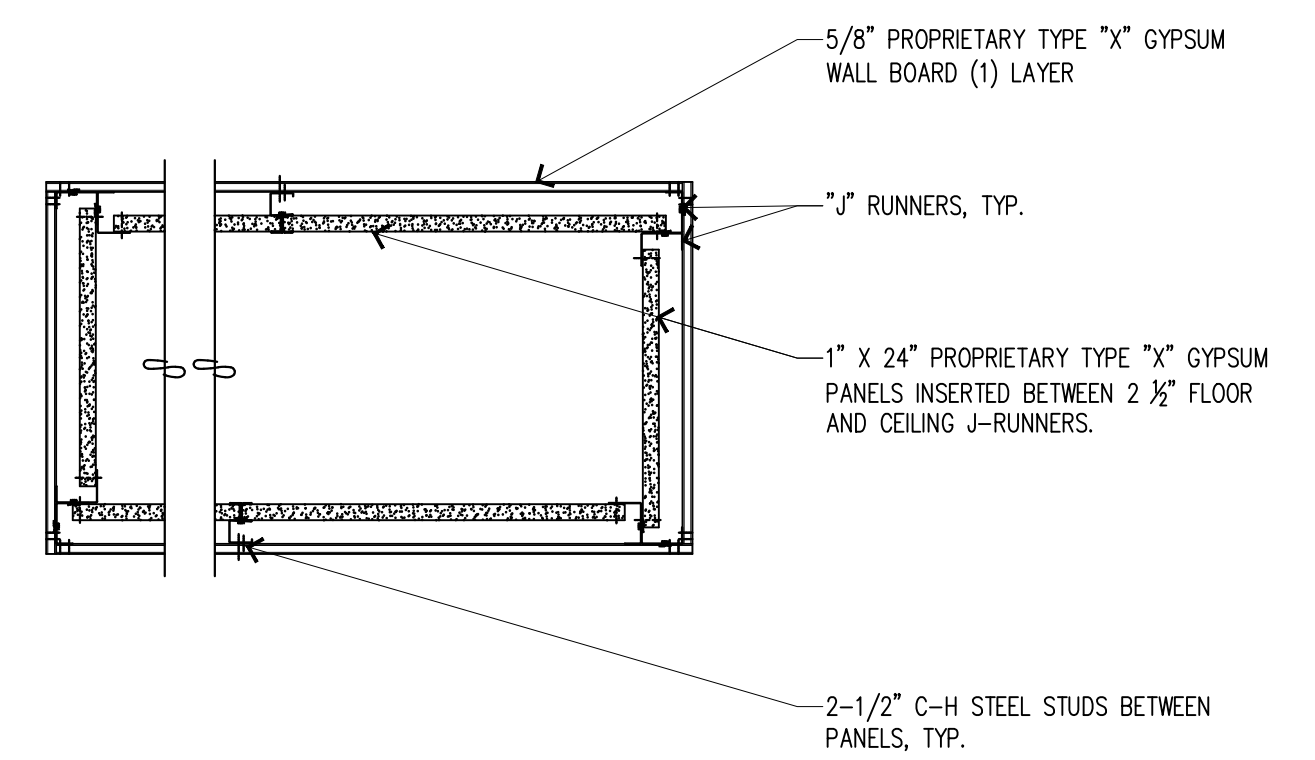
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DRAWN:	PK
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INTERIOR DETAILS
A9.2

EXAMPLE SET



3 1-HR MED GAS ROOM ASSEMBLY
SCALE: N.T.S.



4 TYPICAL 1-HR SHAFT ENCLOSURE
SCALE: N.T.S.

NOTE:
SHAFT ASSEMBLY PER GA-600-2018 FIRE RESISTANCE AND SOUND CONTROL DESIGN MANUAL - GA FILE NO. WP 7024
GENERAL CONTRACTOR IS RESPONSIBLE TO MEET ALL REQUIREMENTS OF PROPRIETARY ASSEMBLY;
REFER TO MANUAL FOR COMPLETE REQUIREMENTS.
(SEE ALSO DENTAL EQUIPMENT NOTES ON SHEET A2.1)

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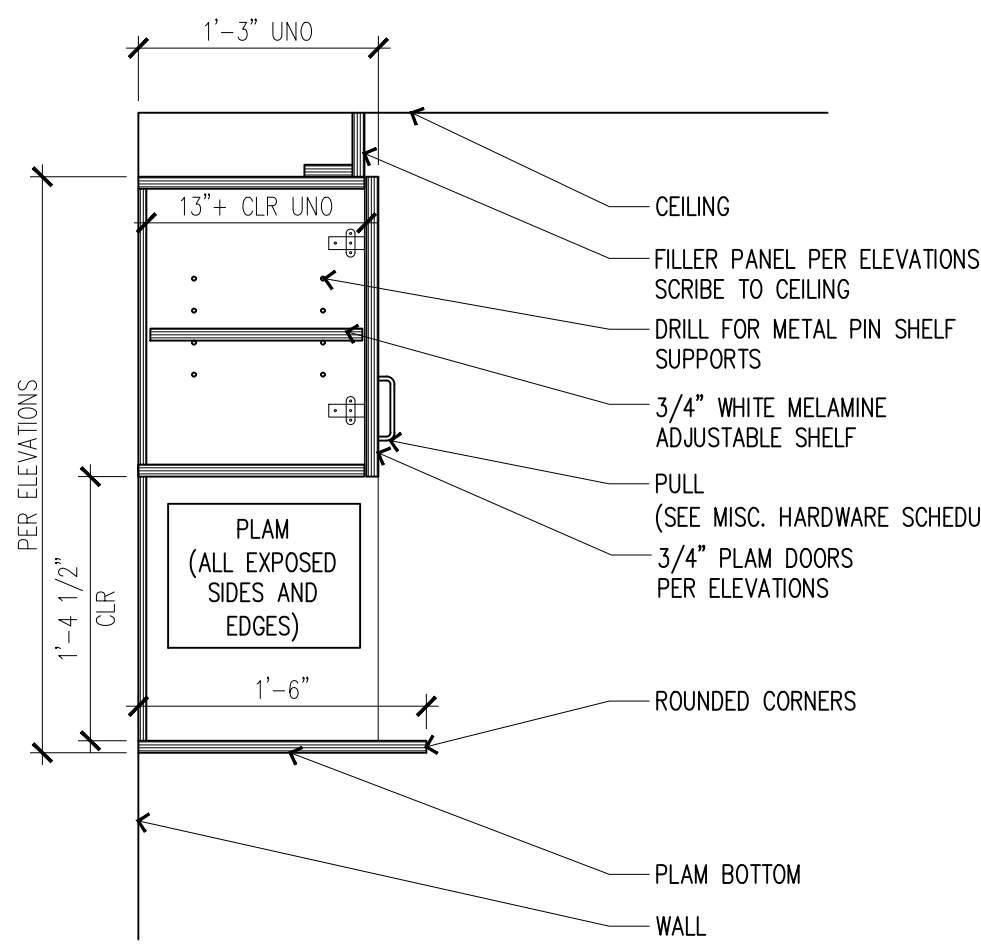
BID DOCS:

CONSTR. DOCS:

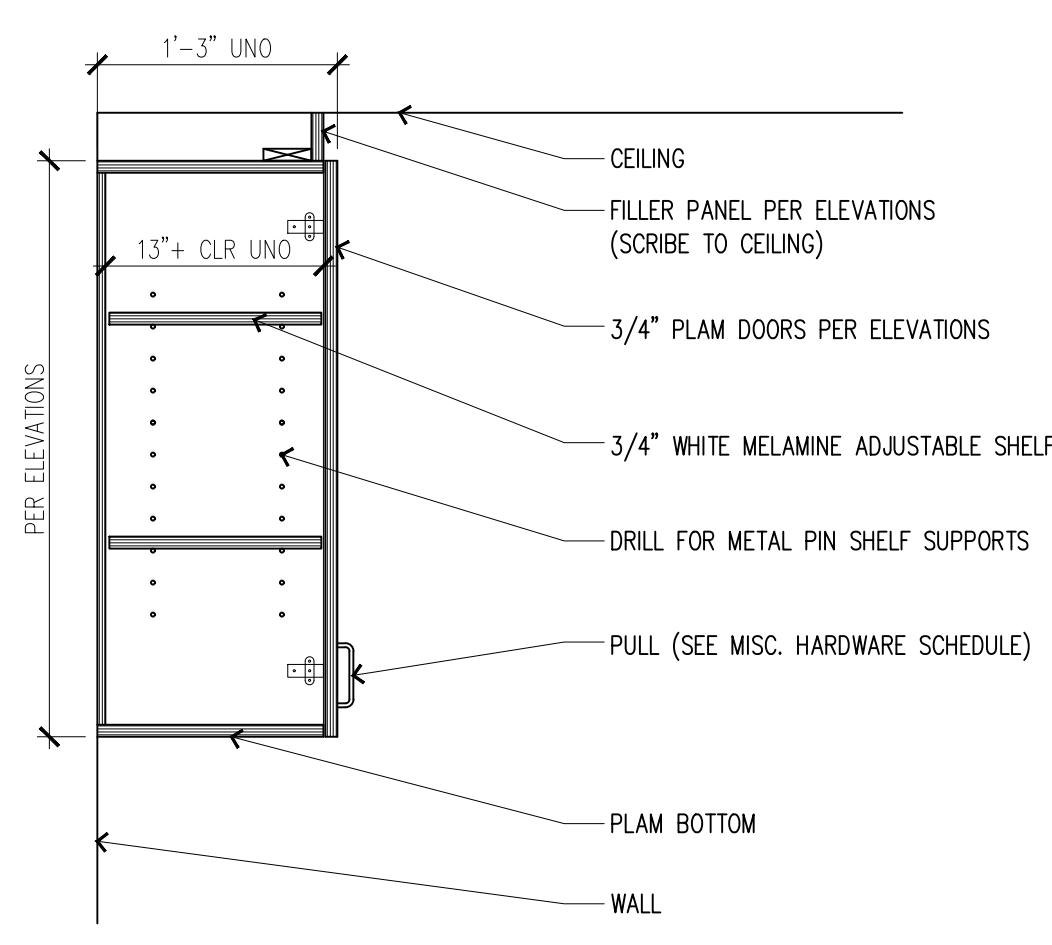
24"x36" SCALE:	AS NOTED
PLOT DATE:	11-15-2022
CAD FILE:	22-068_A9.1
JOB NUMBER:	22-068
CHECKED:	
DRAWN:	PK
STATUS:	BID SET

CABINETRY DETAILS
A9.3

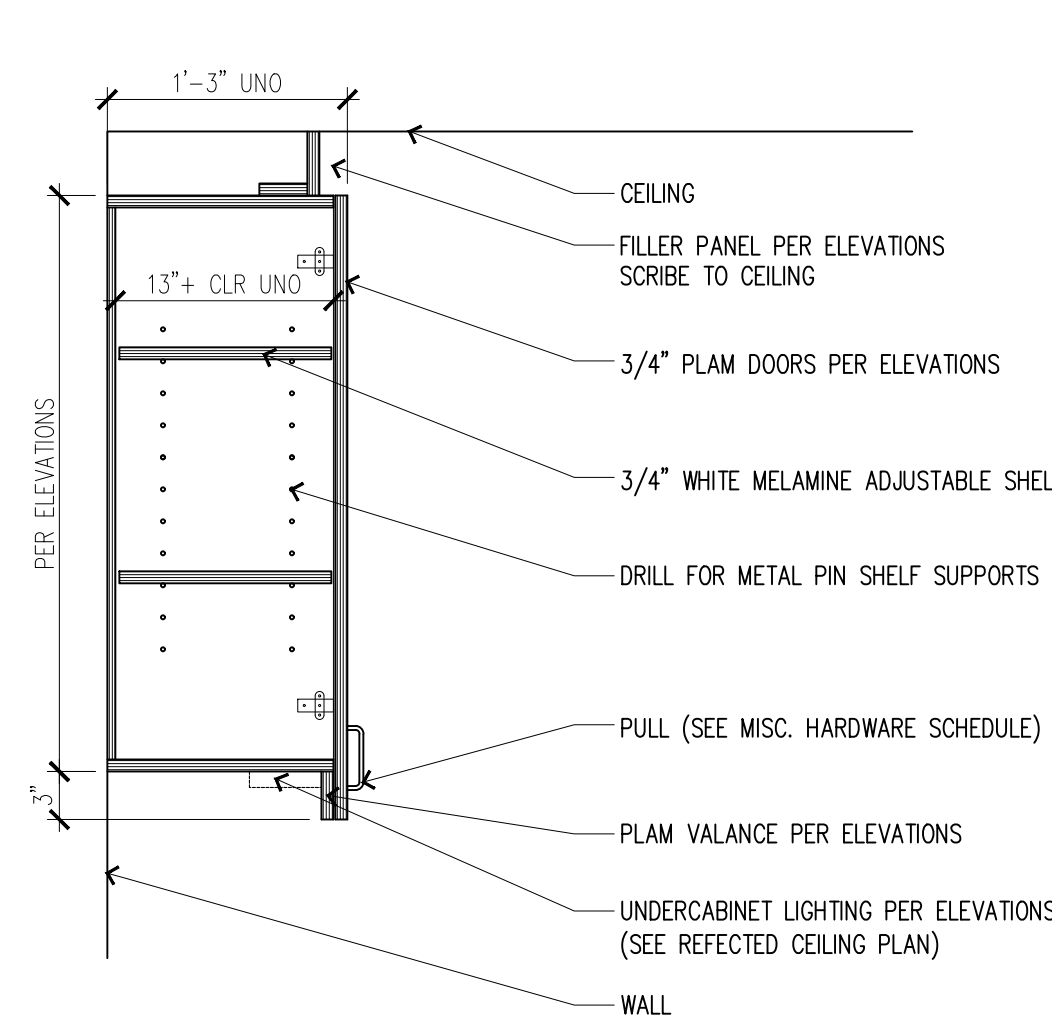
EXAMPLE SET



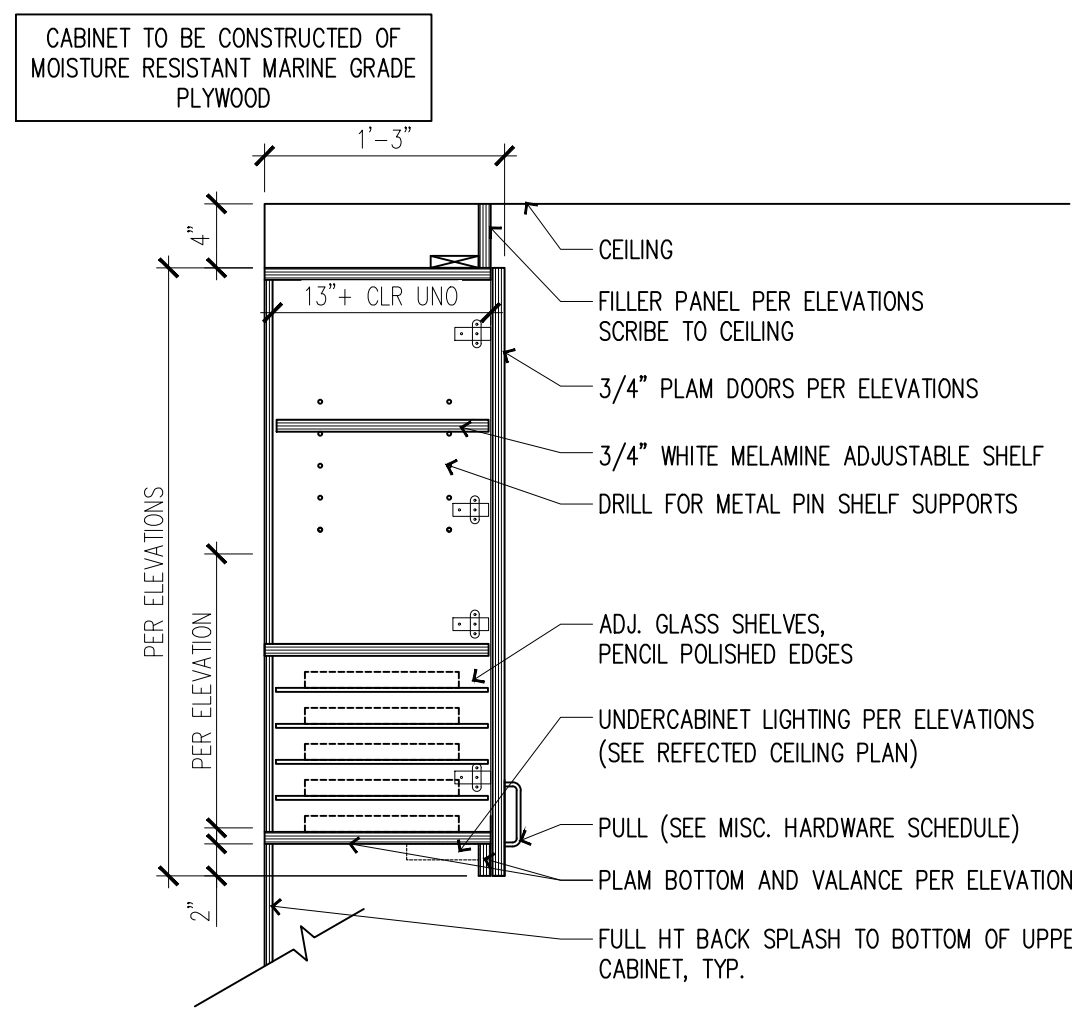
1 UPPER CABINET @ MICROWAVE
SCALE: N.T.S.



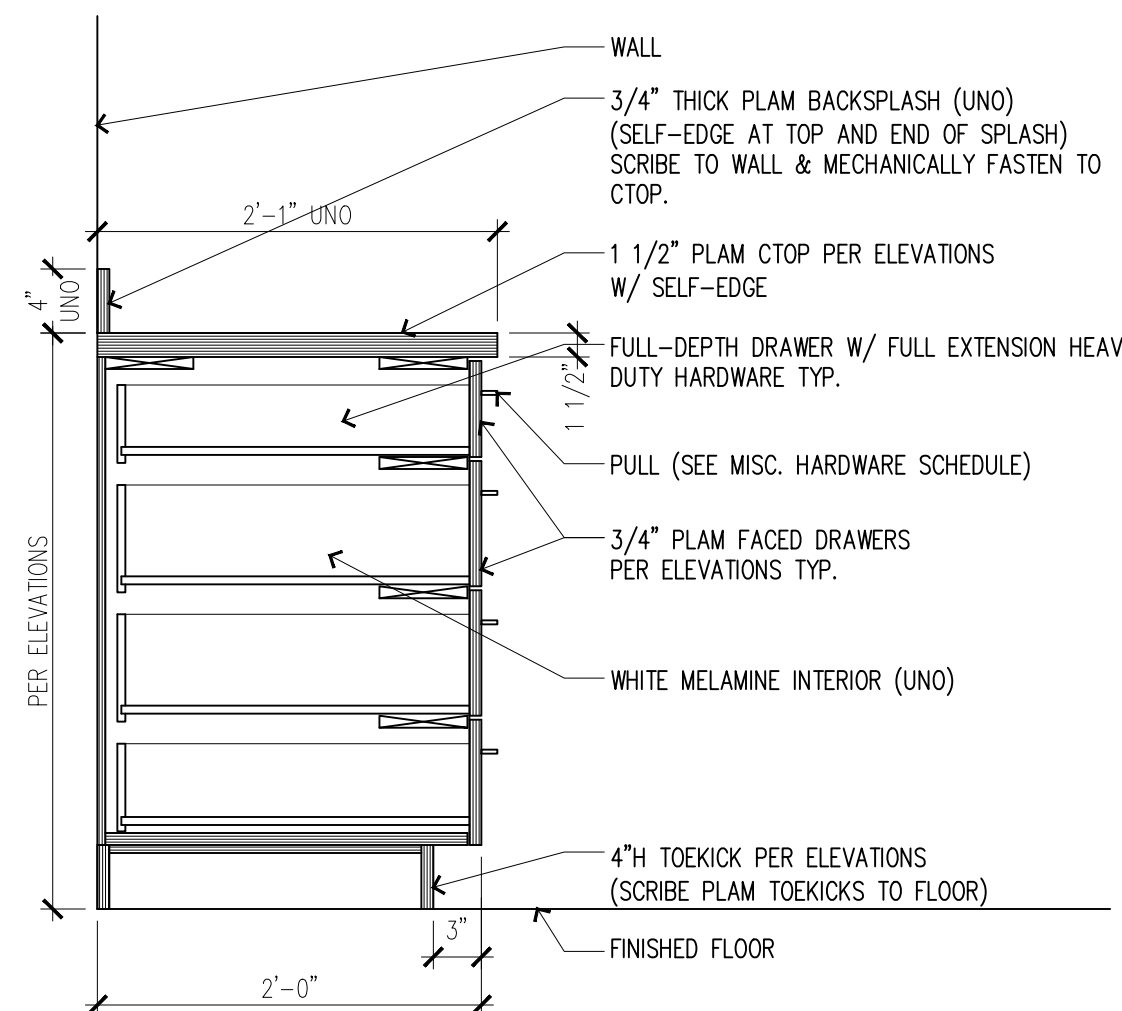
2 TYP UPPER CABINET: FULL HT DOOR
SCALE: N.T.S.



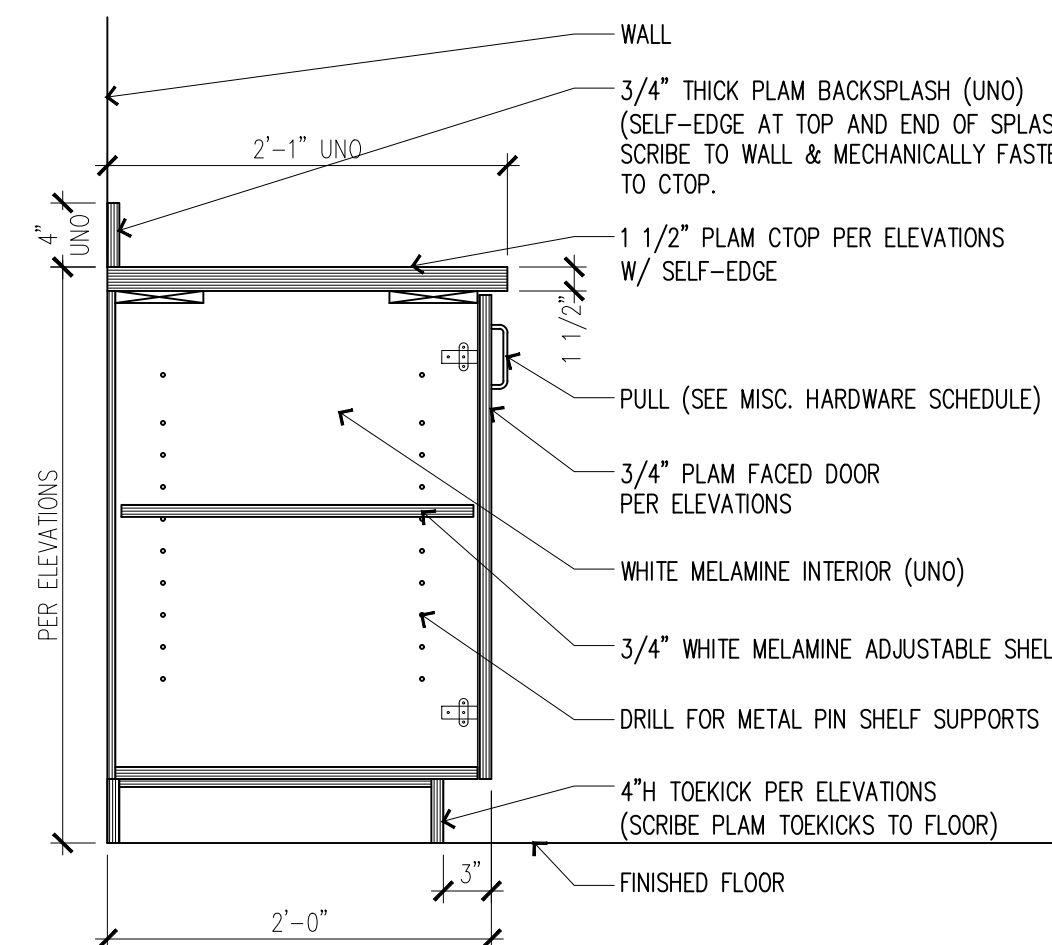
3 TYP UPPER CABINET: WITH VALANCE
SCALE: N.T.S.



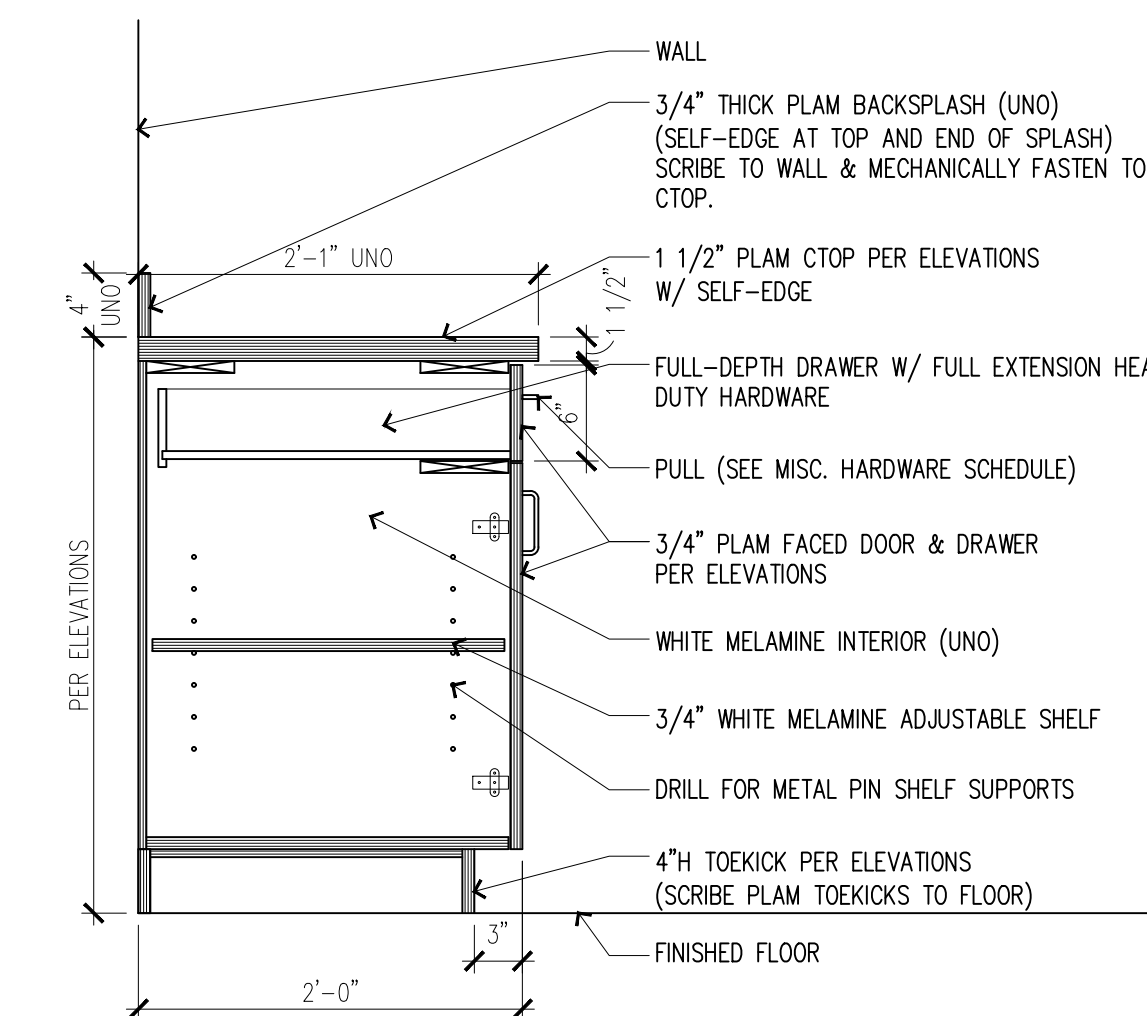
5 UPPER CABINET W/ TRAY STORAGE
SCALE: N.T.S.



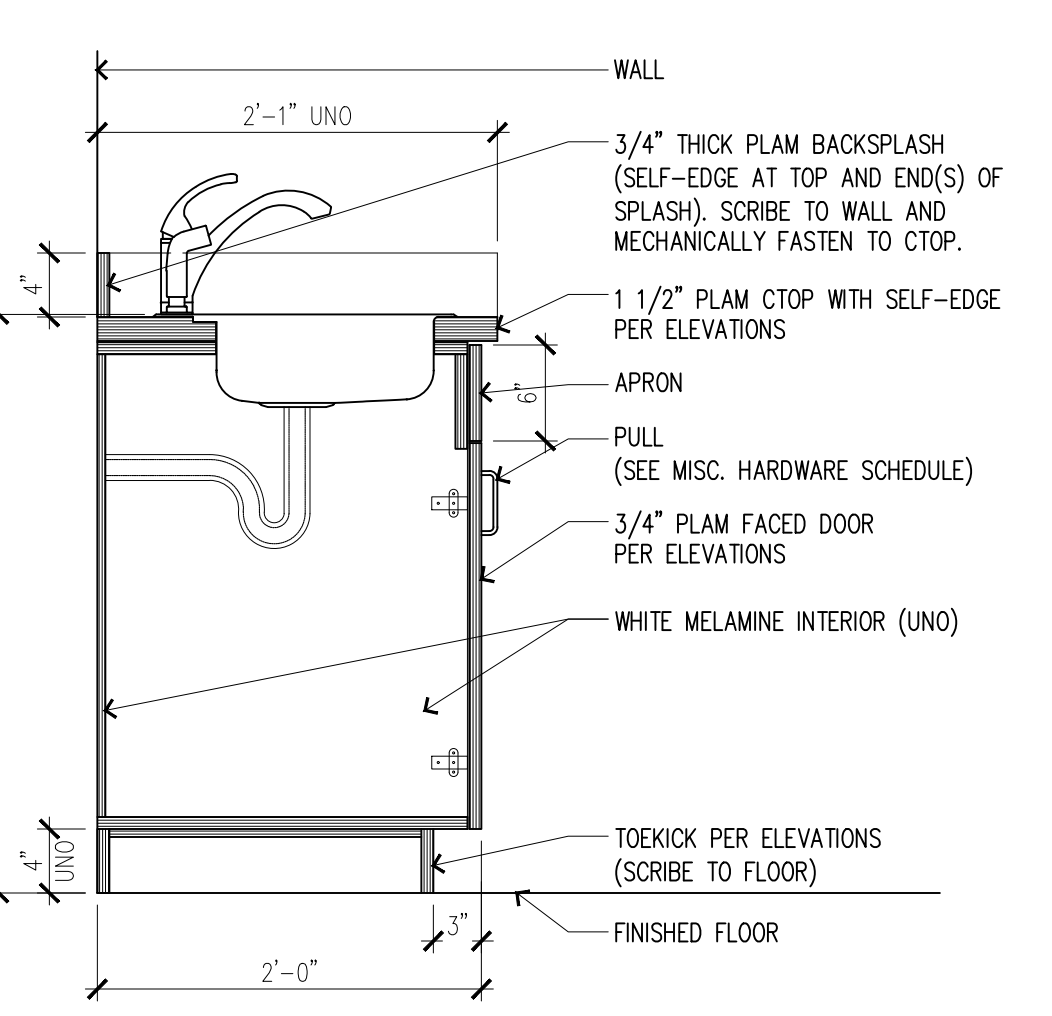
6 TYP BASE CABINET: DRAWERS
SCALE: N.T.S.



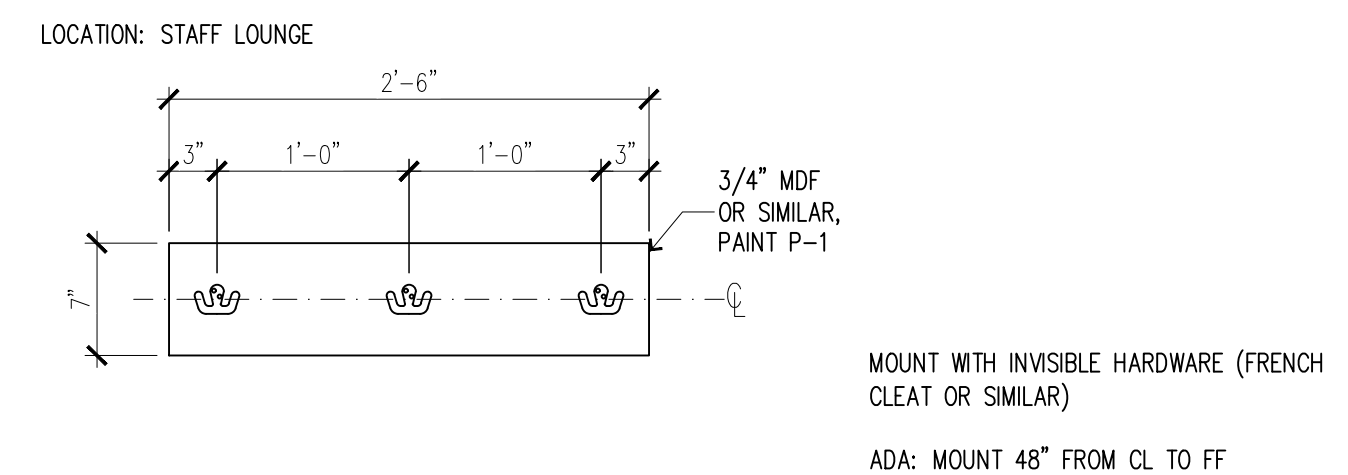
7 TYP BASE CABINET: FULL HT. DOOR
SCALE: N.T.S.



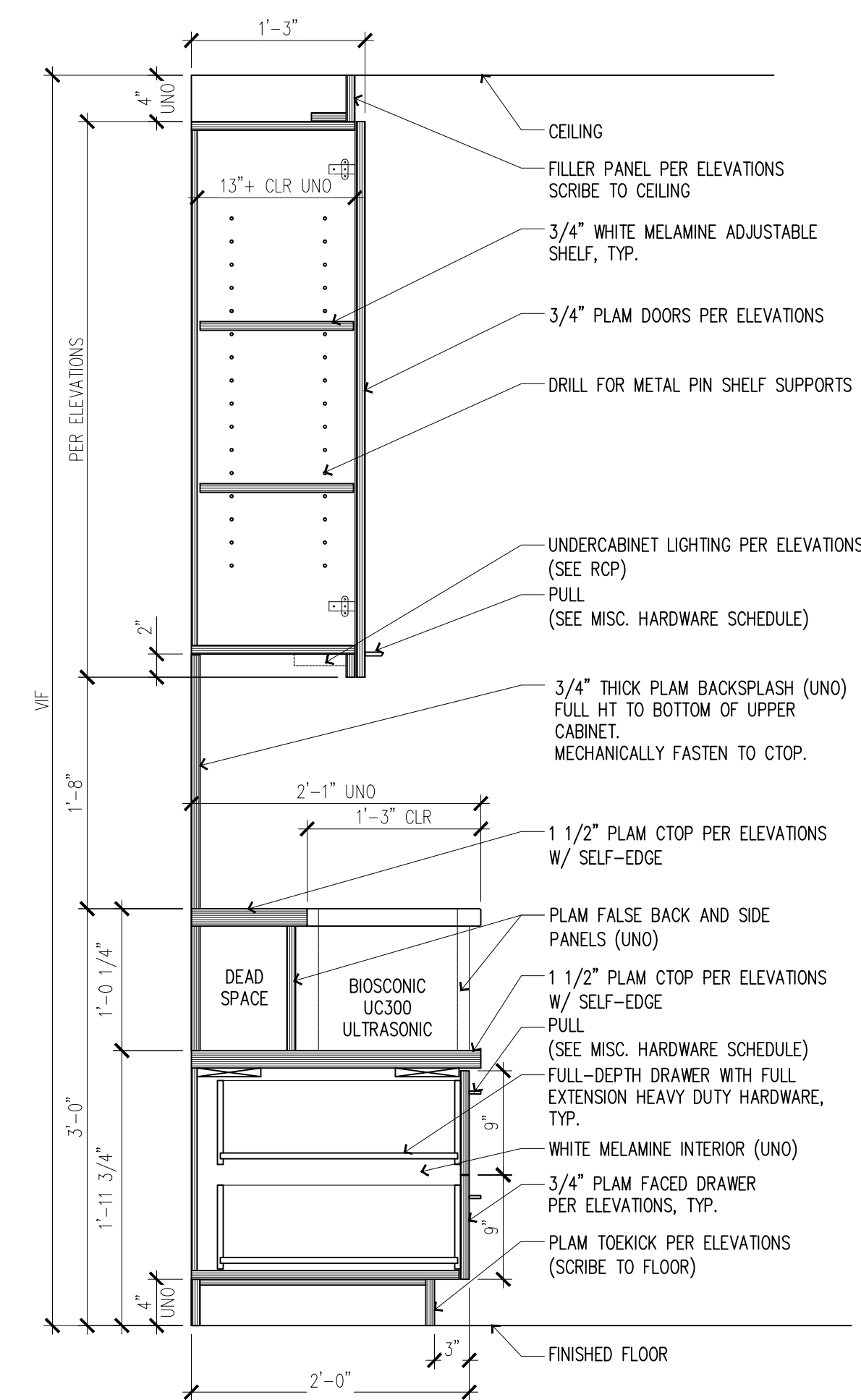
8 TYP BASE CABINET: DOOR / DRAWER
SCALE: N.T.S.



9 SINK CABINET @ STAFF LOUNGE
SCALE: N.T.S.



10 COAT HOOK DETAIL
SCALE: N.T.S.



11 CABINET @ ULTRASONIC
SCALE: 1" = 1'-0"

GENERAL CABINETRY NOTES

- SHOP DRAWINGS ARE REQUIRED FOR APPROVAL BEFORE FABRICATION AND SHOULD BE DRAWN USING ACTUAL FIELD MEASUREMENTS. ANY SUBSTITUTIONS TO THESE SPECIFICATIONS TO BE APPROVED BY THE DESIGNER BEFORE PROCEEDING.
- CASEWORK CONSTRUCTION TO BE FLUSH OVERLAY AND MEET OR EXCEED AWW CUSTOM GRADE WHITE LOW-PRESSURE LAMINATE OVER 3/4" INDUSTRIAL BOARD. PLASTIC LAMINATE PATTERN ON ALL VERTICAL FACES (INCLUDING FILLER PANELS AND TOEKICKS) TO RUN IN THE SAME DIRECTION, UNO. PROVIDE CONTINUOUS GRAIN MATCHING ACROSS THE FACE OF THE FINISHED DRAWER AND DOOR FACES. REFER TO FINISH SCHEDULE AND/OR ELEVATIONS FOR PATTERN DIRECTION, WHEN APPLICABLE.
 - ALL SHELVING TO BE ADJUSTABLE, UNO. EXPOSED SHELVES AND EXPOSED CABINET BOX INTERIORS TO BE HIGH PRESSURE LAMINATE WITH SELF-EDGES, UNO.
 - INTERIOR FINISHED DEPTH OF UPPER CABINETS TO BE 13" CLEAR, UNO.
 - DRAWERS: WHITE LOW-PRESSURE LAMINATE BONDED OVER 3/4" INDUSTRIAL BOARD. ALL FILE DRAWERS TO BE CONSTRUCTED TO RECEIVE THE PENDAFLEX HANGERS WITHOUT A SEPARATE RACK AND SHOULD BE LETTER SIZE HANGING FRONT TO BACK, UNO.
 - DRAWER SLIDES: FULL EXTENSION 100 LB RATED WITH CLEAR ZINC FINISH (ACCURIDE #3832). ALL FILE DRAWERS & PLASTER DRAWERS TO BE FULL EXTENSION HEAVY-DUTY 150 LB RATED WITH CLEAR ZINC FINISH (ACCURIDE #4034).
 - DOORS AND DRAWER HEADS: PLASTIC LAMINATE WITH LOW-PRESSURE CABINET LINER, BANDED WITH PLASTIC LAMINATE. IF EDGE-BANDING IS REQUIRED, CONTACT DESIGNER FOR SPECIFICATION.
 - DOOR HINGES: BLUM 120 DEGREE SELF-CLOSING HINGES OR EQUAL.
 - COUNTERTOPS TO BE 1-1/4" TO 1-1/2" THICK PLASTIC LAMINATE BONDED OVER 3/4" INDUSTRIAL BOARD, UNO.
 - COUNTERTOPS TO BE SELF-EDGED, UNO. OTHER EDGES SUCH AS WOOD OR STONE, WHEN SPECIFIED, WILL HAVE A DETAIL PROVIDED OR CHECK WITH DESIGNER.
 - PROVIDE MARINE GRADE PLYWOOD AT CABINETS EXPOSED TO HUMID & WET CONDITIONS, INCLUDING ALL STERILIZERS. (SEE FLOOR PLAN AND ELEVATIONS FOR EQUIPMENT & FIXTURE LOCATIONS). DO NOT PLACE SEAMS IN LAMINATE UNDER STERILIZERS TO AVOID DELAMINATION FROM MOISTURE AND HEAT. APPLY CLEAR CAULK AROUND INTERIOR OF ALL STERILIZER / STATIM CABINETS, INCLUDING DRAINAGE BOTTLE CABINETS BELOW.
 - BACKSPASHES TO BE 3/4" X 4" WRAPPED WITH PLASTIC LAMINATE, UNO, AND MECHANICALLY FASTENED TO COUNTERTOP. FULL-HEIGHT BACKSPASHES (WHEN NOTED) TO BE 1/2" THICK. IF NO BACKSPASH IS SPECIFIED, SCRIBE COUNTERTOP TIGHT TO WALL.
 - TACKBOARDS, WHEN SPECIFIED, TO BE HOMASOTE CORE WRAPPED WITH FABRIC OR WALLPAPER. NO LOOSE EDGES OR TRIMS. SEE FINISH SCHEDULE FOR TEXTILE AND/OR WALLPAPER SPECIFICATIONS.
 - LOCKS TO BE INCLUDED WHERE SPECIFIED ON ELEVATIONS. FINISH TO MATCH CABINET HANDLES. SUBMIT KEYING SCHEDULE PRIOR TO INSTALLATION FOR APPROVAL.
 - WIRE MANAGEMENT GROMMETS: INCLUDED ON ALL DESKTOP SURFACES IN COUNTERTOP, POWER, PHONE AND DATA JACKS TO BE INSTALLED AT 18" AFF BELOW COUNTERTOPS (UNO) AND CORDS BROUGHT THROUGH GROMMETS. SEE MISC. ACCESSORIES SCHEDULE FOR GROMMET SPECIFICATION. FINAL PLACEMENT OF GROMMETS TO BE DETERMINED BY TENANT AND DRILLED ONSITE.
 - TRASH GROMMETS, WHEN SPECIFIED, TO BE PLACED IN THE COUNTER AS SHOWN ON THE FLOOR PLAN AND ELEVATIONS. REFER TO MISC. ACCESSORIES SCHEDULE FOR SPECIFICATION. VERIFY EXACT LOCATION ONSITE WITH CLIENT, UNLESS DIMENSION IS NOTED ON PLAN.
 - UNDERCABINET LIGHTING TO BE MOUNTED BEHIND VALANCE AT FRONT OF UPPER CABINET WITH TIGHT SEAM BETWEEN VALANCE AND UPPER CABINET SO NO LIGHT SHINES THROUGH. SIDES OF UPPER CABINET BOXES MUST NOT EXTEND BELOW CABINET BOTTOM TO ALLOW FOR INSTALLATION OF THIS LIGHTING.
 - CABINET PULLS TO MEET ALL ADA CODES. SEE MISC. ACCESSORIES & HARDWARE SCHEDULE FOR SPECIFICATIONS.
 - CABINETMAKER TO SUPPLY 1" X 1" TUBE STEEL IN-WALL BRACKETS AS NEEDED. CABINET INSTALLER TO LAY OUT, CONTRACTOR TO INSTALL. BRACKETS TO BE INSTALLED TO IN-WALL BACKING OR STUDS. CUT BACK BRACKETS A MINIMUM OF 6" FROM FACE OF COUNTERTOPS.
 - CABINETMAKER TO VERIFY SEAM PLACEMENT AT CABINET AND RECEPTION DESK FACADES WITH DESIGNER.
 - REFER TO MISC. ACCESSORIES SCHEDULE FOR APPLICABLE DISPENSER & HARDWARE SPECIFICATIONS.
 - CABINETMAKER TO VERIFY ALL APPLICABLE FIXTURE & EQUIPMENT DIMENSIONS & REQUIREMENTS PRIOR TO CABINET MANUFACTURING.
 - ALL MILLWORK TO BE FASTENED TO THE PARTITION. PROVIDE NON-COMBUSTIBLE BLOCKING FOR ALL MILLWORK NOT SUPPORTED BY FLOOR OR ABOVE 4'-0" HT. ALL CONCEALED LUMBER & BLOCKING TO BE FIRE TREATED.

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REVISIONS		
NO.	DATE	BY
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ISSUE DATES

DESIGN APPROVAL:

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A9.4

EXAMPLE SET