



ABBREVIATIONS

AB	ANCHOR BOLT	LH	LEFT HAND
AC	ASPHALT CONCRETE	LT	LIGHT
AC	AIR CONDITIONING	LW	LIGHTWEIGHT
ACGUST	ACOUSTICAL	MAS	MASONRY
AD	AREA DRAIN	MATL	MATERIAL
ADD	ADDENDUM	MAX	MAXIMUM
ADJ	ADJUSTABLE	MB	MACHINE BOLT
AFP	ABOVE FINISH FLOOR	MCH	MECHANICAL
ALUM	ALUMINUM	MED	MEDIUM
ALT	ALTERNATIVE	MET	METAL
ANOD	ANODIZED	MFR	MANUFACTURER
APPROX	APPROXIMATELY	MIN	MINIMUM
ARCH	ARCHITECTURAL	MIR	MIRROR
ASPH	ASPHALT	MISC	MISCELLANEOUS
BD	BOARD	MO	MASONRY OPENING
BEL	BELOW	MTD	MOUNTED
BET	BETWEEN	N	NORTH
BLDG	BUILDING	NAT	NATURAL
BLK	BLOCK	NIC	NOT IN CONTRACT
BLKG	BLOCKING	NOM	NOMINAL
BM	BEAM	NRC	NOISE REDUCTION COEFFICIENT
BOT	BOTTOM	NTS	NOT TO SCALE
BRG	BEARING	OC	ON CENTER(S)
BSMT	BASEMENT	OD	OUTSIDE DIAMETER
CAB	CABINET	OPNG	OPENING
CB	CATCH BASIN	OPF	OPPOSITE
CEM	CEMENT	OPF	OPPOSITE
CEI	CERAMIC	PCF	POUNDS PER CUBIC FOOT
CF	CAST-IRON	PH	PANIC HARDWARE
CF	CEILING JOIST	PLAS	PLASTER
CLG	CEILING	PLAM	PLASTIC LAMINATE
CLKG	CAULKING	PR	PAIR
CLR	CLEAR(ANCE)	PLWD	PLAYWOOD
COL	COLUMN	PST	POUNDS PER SQUARE FOOT
CTR	CENTER	PSI	POUNDS PER SQUARE INCH
COMB	COMBINATION	PVC	POLYVINYL CHLORIDE
CONC	CONCRETE	R	RISER
CONST	CONSTRUCTION	RA	RETURN AIR
CONT	CONTINUOUS / CONTINUE	RADUS	RADIUS
CONTR	CONTRACTOR	REFER	REFER REFERRATOR
D	DEEP (DEPTH)	RF	ROOF DRAIN
DBL	DOUBLE	REF	REFERENCE
DF	DRINKING FOUNTAIN	REFL	REFLECTED (IVE), (OR)
DIAG	DIAGONAL	REINF	REINFORCED, (ING)
DIAM	DIAMETER	REQ	REQUIRED
DM	DIMENSION	REV	REVISION(S), REVISED
DN	DOWN	RH	RIGHT HAND
DR	DOOR	RM	ROOM
DS	DOWNSPOUT	RO	ROUGH OPENING
DET	DETAIL	ROW	RIGHT OF WAY
DSP	DRY STAND PIPE	S	SOUTH
DWG	DRAWING	SC	SOLID CORE
DWR	DRAWER	SEC	SECTION
E	EAST	SF	SQUARE FOOT (FEET)
EA	EACH	SHT	SHEET
EJ	EXPANSION JOINT	SIM	SIMILAR
ELEV	ELEVATION	SPEC	SPECIFICATION(S)
ELEC	ELECTRICAL	SQ	SQUARE
EMER	EMERGENCY	SS	STAINLESS STEEL
EQ	EQUAL	STC	SOUND TRANSMISSION CLASS
ENC	ELECTRICAL WATER COOLER	STD	STANDARD
EXH	EXHAUST	STOR	STORAGE
EXIST	EXISTING	SCHED	SCHEDULE
EXP	EXPOSED	STRUCT	STRUCTURAL
EXT	EXTERIOR	SYN	SYMMETRICAL
FD	FLOOR DRAIN	T	TREAD
FE	FIRE EXTINGUISHER	TC	TOP FF CURB
FDN	FOUNDATION	TEL	TELEPHONE
FFC	FIRE EXTINGUISHER CABINET	T&G	TONGUE AND GROOVE
FFE	FINISH FLOOR ELEVATION	THK	THICKNESS
FHC	FIRE HOSE CABINET	TSL	TOP FF SLAB
FIN	FINISHED	TST	TOP OF STEEL
FJ	FLOOR JOIST	TW	TOP OF WALL
FLR	FLOOR(ING)	TYP	TYPICAL
FLOR	FLOOR/SCENT	UC	UNDERCUT
FOC	FACE OF CONCRETE	UNO	UNLESS NOTED OTHERWISE
FOF	FACE OF FINISH	UR	URNAL
FOM	FACE OF MASONRY	VCT	VINYL COMPOSITION TILE
FOS	FACE OF STUDS	VERT	VERTICAL
FT	FEET / FOOT	VIN	VINYL
FUR	FURRED(ING)	W	WEST, WIDTH, WIDE
GA	GAGE, GAUGE	WC	WATER CLOSET
GI	GALVANIZED IRON	WD	WOOD
GL	GLASS GLAZING	WI	WROUGHT IRON
GLB	GLUE LAMINATED BEAM	WP	WATERPROOFING
GR	GRADE	WR	WATER RESISTANT
GYP	GYPNUM	WSCT	WAINSCOT
H	HIGH	WMSOT	WELOD WIRE MESH
H	HOSE BIB	WWM	
HC	HOLLOW CORE		
HDR	HEADER	L	ANGLE
HDR	HARDWARE	@	AT
HM	HOLLOW METAL	c	CENTER LINE
HORIZ	HORIZONTAL	c	CHANNEL
HR	HOUR	O'	OVER
HT	HEIGHT	d	PENNY
HVAC	HEATING VENTILATION & AIR CONDITIONING	PL	PLATE
ID	INSIDE DIAMETER	PL	DIAMETER
INCL	INCLUDED, (ING)	□	SQUARE FOOT (FEET)
INT	INTERIOR	W	WITH
IPS	IRON PIPE SIZE	W/O	WITHOUT
L	LONG (LENGTH)	#	POUND OR NUMBER
LAM	LAMINATED	#	EXISTING LINE
LAV	LAVATORY	(E)	POUND OR NUMBER
LVL	LABEL	&	AND

SCOPE OF RESPONSIBILITY

1. T.I. DESIGNERS: DEVELOP PLANS, MEET WITH TENANTS, REVIEW BID, SUBMIT PLANS TO BLDG. DEPT., COORDINATE ENGINEERS, WALK SPACE WITH TENANT FOR PLAN COMPLIANCE WITH DRAWING BY THE CONTRACTOR, OBTAIN CHANGES IN THE FIELD BY THE CLIENT AND DIRECT THEM TO THE CONTRACTOR AND APPROVE, ADD AND CHANGE ORDERS.
2. CONTRACTOR: PULL BUILDING PERMITS, CONSTRUCT SUITE, WRITE CHANGE OR ADD ORDERS, OBTAIN APPROVALS FROM SPACE DESIGNER.
3. CLIENT: WILL BE RESPONSIBLE FOR PAYMENTS TO CONTRACTOR AND PAY ALL OVERAGES, APPROVED BY PRISMA ARCHITECTURAL GROUP.
4. T.I. ENGINEER: DEVELOP ALL ENGINEERING TO SUPPORT T.I. DRAWINGS IN OBTAINING BLDG. PERMIT AND INTEGRATE NEW SYSTEMS (ELECTRICAL, MECHANICAL, STRUCTURAL) WITH THE EXISTING BUILDING, SYSTEMS INCLUDING TITLE 24 FORMS.

TO: CONTRACTOR OF RECORD

NOTICE ON ALL PROJECTS DRAWN BY PRISMA ARCHITECTURAL GROUP, ALL FIXTURES, PLUMBING, ELECTRICAL AND LIGHTING AND OTHER MISCELLANEOUS ITEMS ARE TO BE LOCATED BY THE ARCHITECTURAL FLOOR PLANS AND NOT THE ENGINEERED PLANS. ENGINEERED PLANS ARE TO BE USED FOR PERMIT AND WIRE, DRAIN, CONDUIT, ETC., SITE AND SPECIFICATION ONLY.

CONTRACTOR RESPONSIBILITY FOR CENTER CONSTRUCTION

1. THE CONTRACTORS WORK WILL NOT BE COMPLETED WHEN SIGNS OFF SUITE FOR OCCUPANCY.
2. THE CONTRACTOR MUST ATTEND ALL INSPECTIONS LEADING TO LICENSING OF THIS FACILITY. THESE INSPECTIONS INCLUDE, HEALTH SERVICES, LIFE SAFETY, AND STATE OF CALIFORNIA.
3. THE CONTRACTOR WILL MAKE AVAILABLE TO THE INSPECTION TEAM ALL REQUESTED PAPERWORK: FIRM ALARM TESTING, SPRINKLER SYSTEM TESTING, EMERGENCY POWER SYSTEM TESTING AND CERTIFICATION AND MUST TEST THESE ITEMS UPON REQUEST OF THE INSPECTORS.
4. THE CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATION OF THE ABOVE ITEMS INSTALLED AND INTERACT THESE ITEMS INTO THE PERMIT SET BUILT-IN COST FACTOR INTO THE BID FOR SUCH SERVICES.
5. FINAL PAYMENT CAN BE WITHHELD UNTIL THIS FACILITY IS FULLY ACCREDITED. THE AMOUNT TO BE AGREED UPON BETWEEN THE CONTRACTOR AND THE BUILDING OWNERSHIP.
6. THE ESTIMATED TIME TO COMPLETE PHYSICAL CONSTRUCTION SHOULD NOT EXCEED FIVE MONTHS, FROM THE TIME PERMIT IS ISSUED.
7. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEALING ALL PENETRATIONS THROUGH SMOKE AND OCCUPANCY BARRIER WITH THE APPROVED FIRE STOP MATERIAL LABELED S.F.M.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL DUCTS RUNNING THROUGH SMOKE OR OCCUPANCY BARRIERS AND WILL PROVIDE SMOKE FIRE DAMPERS WHICH ARE AUTOMATICALLY CLOSED AND MUST BE CONNECTED TO THE FIRE ALARM SYSTEM.
9. THE CONTRACTOR MUST SUBMIT TO PRISMA ARCHITECTURAL GROUP ALL PLUMBING AND ELECTRICAL CUT SHEETS FOR APPROVAL, INCLUDING DOOR, HARDWARE, PAINT COLORS, AND SUBSTITUTIONS AND CHANGES WILL ONLY BE ACCEPTED BY WRITTEN PERMISSION FROM THE ARCHITECT.

GENERAL NOTES

1. A STAMPED SET OF APPROVED PLANS SHALL BE KEPT AT THE JOB SITE AT ALL TIMES.
2. THE CONTRACTOR SHALL VISIT THE JOB SITE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION.
3. ANY DISCREPANCIES BETWEEN THE DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BOUGHT TO THE ATTENTION OF THE ARCHITECT AND THE OWNER PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERRORS AFTER THE START OF CONSTRUCTION WHICH IS NOT BOUGHT TO THE ATTENTION OF THE ARCHITECT.
4. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ANY ON SITE UTILITIES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION.
5. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE DIMENSIONS.
6. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PERMITS, OTHER THAN PLAN CHECK AND BUILDING PERMIT FEES PROVIDED BY THE OWNER.
7. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR SUCCESSFUL COMPLETION FOR THE WORK. ALL EQUIPMENT, PHONE AND MATERIALS SHALL COMPLY WITH ALL APPLICABLE CODES AND GOVERNING AGENCIES.
8. THE CONTRACTOR SHALL MAINTAIN LIABILITY INSURANCE TO PROTECT HIMSELF AND HOLD THE ARCHITECT AND OWNER HARMLESS FROM ANY AND ALL CLAIMS PERSONAL, BODILY INJURY, DEATH OR PROPERTY DURING THE COURSE OF THE CONTRACT. FIRE INSURANCE SHALL BE MAINTAINED BY THE OWNER.
9. TEMPORARY POWER AND WATER, WORKERS TOILET FACILITIES, PARKING AND MATERIAL STORAGE SHALL BE PROVIDED BY THE OWNER.
10. THE CONTRACTOR SHALL PROTECT ALL FINISH WORK AND ADJACENT SURFACES FROM DAMAGE DURING THE COURSE OF CONSTRUCTION AND SHALL REPLACE AND/OR REPAIR ANY AND ALL DAMAGE CAUSED BY THE WORKERS.
11. ON COMPLETION OF WORK, ALL AREAS SHALL BE LEFT BROOM ALL DEBRIS SHALL BE REMOVED FROM THE SITE.
12. ALL RECESSED BOXES, EQUIPMENT, CABINETS AND THE LIKE, 16 SQ. INCH OR LARGER IN 1" HOUR RATED WALLS", SHALL MAINTAIN A 1 HOUR FIRE RATING.
13. DIMENSIONS ON ALL PLANS, SECTIONS AND DETAILS ARE TO FACE OF FINISH WALLS UNLESS NOTED OTHERWISE.
14. DOOR LOCATIONS NOT ESTABLISHED BY DIMENSIONS SHALL BE CENTERED IN WALL OR BE LOCATED 5" FROM ADJACENT WALL.
15. GLASS DOORS, ADJACENT GLASS PANELS AND ALL OPENINGS WITHIN 18" FROM THE FLOOR SHALL BE GLAZED WITH APPROVED IMPACT HAZARD GLASS, CBC SECTION 2406.3 ALL EXISTING GLASSING THAT DOES NOT CURRENTLY COMPLY SHALL BE REPLACED WITH SAFETY GLAZING IN COMPLIANCE WITH CBC SECTION 2406.
16. ANY DRILLING OR NOTCHING OF STUDS FOR, ELECTRICAL WIRING, UTILITY LINES, BRACING, ETC... SHALL CONFORM TO CBC 2007 SECTION 2308
17. PROVIDE A MINIMUM STUD SIZE OF 2 X 6 (6" METAL STUDS) WHERE USING 2" PIPE OR LARGER.
18. ALL NEW GLAZING SHALL COMPLY WITH STANDARDS OF THE U.S. CONSUMER PRODUCT SAFETY COMMISSION. MANUFACTURER TO SUPPLY CERTIFICATE OF COMPLIANCE TO THE OWNER.
19. ALL TOILETS SHALL BE "LOW FLUSH" AS REQUIRED BY THE STATE. (1.6 GPF)
20. ALL INTERIOR FINISH MATERIALS SHALL MEET CLASS 111 FLAME SPREAD CLASSIFICATION, (CBC 2007 SECTION 803, AND TABLE 803.5)
21. NAILING INSPECTION IS REQUIRED FOR ALL DRYWALL AND LATH AFTER INSTALLATION BEFORE TAPING AND FINISHING. CORNER BEADS TO BE NAILED. DRYWALL BOARD SPACING TO BE 1/8" MAXIMUM.
22. ALL EXIT DOORS ARE TO BE OPERABLE FROM THE INSIDE WITHOUT A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
23. THE INTERNATIONAL STANDARD OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PERSONS. CBC CHAPTER 11B FIGURE 11B6. THE FIGURE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. LETTERS AND NUMBERS SHALL HAVE A WIDTH TO HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO BETWEEN 1:5 AND 1:10 BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY HANDICAPPED PERSONS SHALL BE IDENTIFIED BY AT LEAST ONE (1) STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
24. ALL EXTERIOR DOOR HEADS, SILLS AND JAMS MUST HAVE SEALS ASTRAGALS OR BAFFLES.
25. PRIOR TO FINAL INSPECTION, A CERTIFICATE OF CONSTRUCTION COMPLIANCE SHALL BE MADE READY FOR THE INSPECTOR. THE CERTIFICATE SHALL STATE THAT "BASED ON PERSONAL KNOWLEDGE, THAT THE WORK APPEARS TO HAVE BEEN PERFORMED, AND THE MATERIALS USED AND INSTALLED APPEAR EVERY RESPECT IN COMPLIANCE WITH THE PLANS". THE CERTIFICATE MUST BE SIGNED BY ONE OR MORE OF THE FOLLOWING: (A) OWNER, (B) GENERAL CONTRACTOR (C) DESIGN MANAGER, (D) AN APPROVED INDEPENDENT INSPECTOR OR INSPECTION AGENCY.
26. DUCTS PENETRATING STUD WALLS OR SHAFT WALLS SHALL BE PROVIDED WITH NECESSARY FRAMES AND BRACING AROUND THE OPENING.
27. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL, SHALL BE OPERATED WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, BY PANIC BARS, PUSH / PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE PER CBC SECTION 113312.43.
28. THE WIDTH OF THE LEVEL AREA TO THE SIDE OF WHICH THE DOOR SWINGS SHALL EXTEND TO 18" PASSED THE STRIKE EDGE FOR INTERIOR DOORS (24 INCHES FOR EXTERIOR DOORS) PER CBC SECTION 113312.43
29. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
  - A. INTERIOR DOORS - FIVE POUNDS
  - B. EXTERIOR DOORS - FIVE POUNDS
  - C. FIRE DOORS - FIFTEEN POUNDS MAX. PER SECTION 1133B.2.5.
30. ALL FIRE PROTECTION SYSTEMS, FULL BOXES, FIRE DAMPERS, EMERGENCY LIGHTS, SHALL BE KEPT IN SERVICE AND ACCESSIBLE AT ALL TIMES.
31. ALL PATHS OF EGRESS SHALL BE MAINTAINED AND FUNCTIONING. LABEL DOORS AND FRAMES AND CLOSER ASSEMBLIES SHALL REMAIN IN PLACE AND FUNCTIONAL.
32. CUT AND PATCH EXISTING WALLS, FLOORS AND CEILINGS NOTED AND REQUIRED FOR NEW MECHANICAL AND ELECTRICAL INSTALLATIONS IN THE EXISTING BUILDING. (SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR AREAS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS.) PATCHING SHALL MATCH EXISTING FINISHES UNLESS OTHERWISE NOTED OR INDICATED.
33. PENETRATIONS OF FIRE RESISTIVE WALLS, FLOORS, CEILINGS AND ROOF-CEILING SHALL BE PROTECTED AS REQUIRED IN CBC CHAPTER 7 FIRE-RESISTANT MATERIALS AND CONSTRUCTION.
34. ALL INSULATION MATERIALS INSTALLED WITHIN FLOOR-CEILING ASSEMBLY, ROOF-CEILING ASSEMBLIES, WALLS, CRAWL SPACES, SHALL HAVE A FLAME SPREAD RATING NOT TO EXCEED 25 AND A SMOKE DENSITY NOT TO EXCEED 450 WHEN TESTED IN ACCORDANCE WITH CBC STANDARD NO. 8.1 (CBC SECTION 707.2)
35. ALL FIRE STOPPING SYSTEMS SHALL BE REVIEWED AND APPROVED BY THE FIELD FIRE INSPECTOR PRIOR TO ANY INSTALLATION.
36. EXTEND OR MODIFY EXISTING AUTOMATIC FIRE EXTINGUISHING SYSTEM, AS NEEDED.
37. EXTEND OR MODIFY FIRE LIFE SAFETY SYSTEM.

38. CERTIFICATE OF COMPLIANCE SHALL BE PROVIDED FOR ALL EXTERIOR DOORS AND WINDOWS, SECTION 116-CBC TITLE 24, PART 6
39. ALL DOORS, WINDOWS AND OTHER JOINTS IN THE EXTERIOR WALLS SHALL BE FULLY INSULATED. SECTION 117-CBC TITLE 24, PART 6.
40. EXIT DOORS TO HAVE: PANIC HARDWARE, LEVER HARDWARE, WHICH RETRACTS BOTH LOCKS WITH A SINGLE OPERATION. IF EXIT ACCESS DOOR HAS 2 LEAFS, ONLY AUTOMATIC FLUSH BOLT WILL BE PERMITTED. LEAF CONTAINING FLUSH BOLT WILL NOT HAVE HARDWARE UNLESS IT IS THE MAIN ENTRANCE DOOR AND REMAINS OPEN DURING BUSINESS HOURS.
41. ALL EXTERIOR SURFACES TO BE PLASTIC HIGH PRESSURE LAMINATE. ALL EXTERIOR AND EXPOSED SURFACES TO BE MELAMINE.
42. GENERAL CONTRACTOR TO PROVIDE H.V.A.C. AND MED. GAS THIRD PARTY INSPECTION AND CERTIFICATION BY AN INSPECTOR / INSPECTION AGENCY APPROVED / REGISTERED WITH THE CITY. CERTIFICATION DOCUMENTATION TO BE SUBMITTED TO BUILDING AND SAFETY DEPARTMENT PRIOR TO FINAL BUILDING INSPECTION.

1226.17.1 SURGICAL CLINICS

- 1226.17.1. OPERATING ROOMS SHALL HAVE A MINIMUM FLOOR DIMENSION OF 15 FEET (4572 MM) AND SHALL CONTAIN NO LESS THAN 270 SQUARE FEET ( 25.00m<sup>2</sup>) OF FLOOR AREA AND HAVE PROVISIONS FOR THE FOLLOWING:
  1. CLOCK AND ELAPSED TIMER.
  2. X-RAY FILM ILLUMINATOR.
- 1226.17.2. CAST ROOMS, FRACTURE ROOMS AND CYSTOSCOPIC ROOMS. IF PROVIDED, SHALL HAVE A MINIMUM FLOOR AREA OF 180 SQUARE FEET (16.72 m<sup>2</sup>). NO DIMENSION OF WHICH SHALL BE LESS THAN 11 FEET. (3353 MM).
- 1226.17.3. SCRUB SINKS. A MINIMUM OF 2 SCRUB SINKS SHALL BE PROVIDED IN SURGICAL UNITS CONTAINING 2 OPERATING ROOMS. ONE ADDITIONAL SCRUB SINK SHALL BE PROVIDED FOR EACH ADDITIONAL OPERATING ROOM.
- 1226.017.3.1. CLOCK. A DIRECT-WIRED OR BATTERY-OPERATED CLOCK OR OTHER EQUIVALENT TIMING DEVICE SHALL BE VISIBLE FROM THE SCRUB SINKS.
- 1226.17.4. CLEAN UP ROOM. EACH SURGICAL UNIT SHALL PROVIDE A CLEAN-UP ROOM WITH A HAND WASHING FIXTURE AND WORK SPACE WHICH IS SEPARATE FROM ANY SURGICAL STERILIZING FACILITIES. THE CLEAN-UP ROOM SHALL PROVIDE 24 SQUARE FEET (2.23 m<sup>2</sup>) PER OPERATING ROOM UP TO EIGHT OPERATING ROOMS, WITH NO DIMENSIONS LESS THAN 6 FEET (1829 mm). THE CLEAN-UP ROOM MAYBE THE SOLID WORK AREA OF THE CENTRAL STERILE SUPPLY.
- 1226.17.5. CART STORAGE. SPACE FOR THE CLEAN AND SOILED CART STORAGE SHALL BE PROVIDED IF A CASE CART SUPPLY SYSTEM IS PRO-POSTED.
- 1226.17.6. HOUSE KEEPING ROOM. SEE SECTION 1224.15. THE HOUSEKEEPING ROOM SHALL SERVE NO OTHER AREAS.
- 1226.17.7. LOCKERS. SEPARATE DRESSING ROOMS WITH LOCKERS, SHOWERS, LAVATORIES AND TOILET(S) SHALL BE PROVIDED FOR MALE AND FEMALE STAFF.
- 1226.17.8. SUPPORT SPACES. A SURGICAL SUPERVISORS STATION, A STERILE SUPPLY STORAGE FACILITY STRETCHER SPACE AND INSTRUMENT STORAGE FACILITIES SHALL BE PROVIDED.
- 1226.17.9. OUTPATIENT CHANGE AREA. A SEPARATE SPACE SHALL BE PROVIDED WHERE OUT PATIENTS CHANGE FROM STREET CLOTHING AND ARE PREPARED FOR SURGERY. THIS WOULD INCLUDE PROVISIONS FOR CLOTHING STORAGE, TOILET ROOM(S), SINK, SPACE FOR CLOTHING CHANGE AND GOWNING AREA.
- 1226.17.10. POST ANESTHESIA RECOVERY. THE POST ANESTHESIA RECOVERY UNIT SHALL BE PROVIDED AND CONTAIN THE FOLLOWING SPACES:
  - 1226.17.10.1. SIZE. FLOOR AREA OF AT LEAST 70 SQUARE FEET (6.50m<sup>2</sup>) PER BED, EXCLUSIVE OF THE SPACES LISTED BELOW IN ITEMS 1226.17.10.2 AND 1226.17.10.3.
  - 1226.17.10.2. NURSES CONTROL AREA. SPACES FOR NURSES' CONTROL DESK, SIGNAL SYSTEM ANNUNCIATOR, CHARTING SPACE, LOCKABLE MEDICINE CABINET, REFRIGERATOR AND HAND WASHING FIXTURE.
  - 1226.17.10.3. STORAGE. SEPARATE STORAGE SPACES OF AT LEAST 10 SQUARE FEET (0.93 m<sup>2</sup>) FOR CLEAN AND SOILED LINEN, SUPPLIES AND SUCTION SYSTEMS AT EACH BED LOCATION.
  - 1226.17.10.4. MEDICAL AIR. PROVISIONS FOR PIPED OR PORTABLE OXYGEN AND SUCTION SYSTEMS AT EACH BED LOCATION.
- 1226.17.11. CENTRAL STERILE SUPPLY. A CENTRAL STERILE SUPPLY AND STERILIZING AREA SHALL BE PROVIDED. ROOMS AND SPACES TO PROVIDE FOR THE FOLLOWING SERVICES AND EQUIPMENT:
  - 1226.17.11.1. SOILED WORK AREA. A RECEIVING AND GROSS CLEANING AREA OF AT LEAST 50 SQUARE FEET (4.65 m<sup>2</sup>) WHICH SHALL CONTAIN WORK SPACE AND EQUIPMENT AND FOR CLEANING MEDICAL AND SURGICAL EQUIPMENT AND FOR DISPOSAL OF OR PROCESSING UNCLEAN MATERIAL.
  - 1226.17.11.2. CLEAN WORK AREA. A CLEAN WORK AREA OF AT LEAST 50 SQUARE FEET (4.65 m<sup>2</sup>) WHICH SHALL CONTAIN SPACE AND EQUIPMENT FOR STERILIZING MEDICAL AND SURGICAL EQUIPMENT AND SUPPLIES.
  - 1226.17.11.3. SEPARATION. THERE SHALL BE SEPARATION OF SOILED OR CONTAMINATED SUPPLIES AND EQUIPMENT AND CLEAN WORK AREAS.
  - 1226.17.11.4. SPACE FOR STERILIZING EQUIPMENT
  - 1226.17.11.5. SUPPLIES. SEPARATE STORAGE SPACE FOR STERILE SUPPLIES AND UNSTERILE SUPPLIES.
  - 1226.17.11.6. STERILIZERS AND AUTOCLAVES. ALL STERILIZERS AND AUTOCLAVES, EXCEPT SMALL INSTRUMENT STERILIZERS WHICH EMIT STEAM EXHAUST, SHALL BE VENTED TO THE OUTSIDE OF THE BUILDING. SUCH VENTS SHALL BE INDEPENDENT FROM THE PLUMBING VENT SYSTEM.

1-HOUR PARTITION (ALSO NON-RATED PARTITION)

- A. GENERAL DETAILS FOR 1 HOUR PARTITION - STC 51 RATED
  1. FLOOR & CEILING RUNNER: 20 MSG (MIN) GALV. STEEL 1 IN. HIGH, RETURN LEGS 3 5/8" WIDE (MIN), ATTACHED TO FLOOR AND CEILING WITH POWER DRIVEN FASTENERS AT 16 IN. O.C. MAX....
  2. STEEL STUDS: A 5/8" WIDE (MIN) 1-616 IN LEGS, 1 1/4" RETURN FORMED OF 20 MSG (MIN) GALV. STEEL, MAXIMUM STUD SPACING 16 IN. O.C.
  3. WALLBOARD: GYPSUM 5/8" THICK, 4 FT. WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING RUNNER WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 8 IN. O.C. ALONG EDGES OF BOARD AND 12 IN. O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTATED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY. THE GYPSUM WALLBOARD SHALL BE DESIGNATED AS USGA SHEET ROCK FIRE CODE A C MATERIAL.
  4. JOINT TAPE: ALL JOINTS SHALL BE FILLED WITH USG SHEETROCK JOINT TAPE AND THEN COVERED WITH ADDITIONAL JOINT COMPOUND. SCREW HEADS SHALL BE COVERED WITH JOINT COMPOUND.
  5. BATTS AND BLANKETS: REQUIRED FOR SOUND RATING ONLY. NOMINAL 3 IN. (MIN) THICK MINERAL WOOL BATTS 25-INCH WIDE ARE CUT DOWN THE MIDDLE (CREASED) 1", BATTS AND BLANKETS ARE DESIGNATED AS - 3" THERMAFIBER SAFB 16" WIDE.
  6. CBC SECTION 715.5.7.2. WHERE CORRIDOR WALLS RE. REQUIRED TO BE A ONE-HOUR FIRE-RESISTIVE CONSTRUCTION BY SECTION 1017, WINDOWS SHALL BE PROTECTED BY FIXED GLAZING LISTED AND LABELED FOR A FIRE PROTECTION RATING OF A LEAST THREE-FOURTHS HOUR IN ACCORDANCE WITH SECTION 715.5. THE TOTAL AREA OF THE WINDOWS IN ANY PORTION OF AN INTERIOR CORRIDOR SHALL NOT EXCEED 25 PERCENT OF THE AREA OF THE CORRIDOR WALL OF ROOM WHICH IT IS SEPARATING FROM THE CORRIDOR.
  7. WHEN CORRIDOR WALLS ARE REQUIRED TO BE ONE-HOUR FIRE-RESISTIVE CONSTRUCTION BY SECTION 1017, EVERY INTERIOR DOOR OPENING SHALL BE PROTECTED BY A TIGHT-FITTING SMOKE-AND-DRAFT-CONTROL ASSEMBLY HAVING A FIRE-PROTECTION RATING OF NOT LESS THAN 20 MIN. VIEWPORT IN 20-MINUTE RATED DOOR LIMITED TO 1 INCH IN DIAMETER. DOORS SHALL BE MAINTAINED SELF-CLOSING OR SHALL BE AUTOMATIC CLOSING BY ACTUATION OF A SMOKE DETECTOR IN ACCORDANCE WITH SECTION 715.4.7. SMOKE-AND-DRAFT-CONTROL DOOR ASSEMBLIES SHALL BE PROVIDED WITH A GASKET SO INSTALLED AS TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP.
  8. WAITING AREAS AND SIMILAR SPACES CONSTRUCTED AS REQUIRED FOR CORRIDORS SHALL BE PERMITTED TO BE OPEN TO A CORRIDOR ONLY WHEN ALL OF THE FOLLOWING CRITERIA ARE MET:
    - A. THE SPACES ARE NOT OCCUPIED FOR PATIENT SLEEPING UNITS, TREATMENT ROOMS, HAZARDOUS OR INCIDENTAL USE AREAS LISTED IN TABLE 508.2
    - B. THE OPEN SPACE IS PROTECTED BY AN AUTOMATIC SMOKE DETECTION SYSTEM WITH SECTION 907.2.6.2
    - C. THE CORRIDORS ONTO WHICH THE SPACES OPEN, IN THE SAME SMOKE COMPARTMENT, ARE PROTECTED BY AN AUTOMATIC SMOKE DETECTION SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 907.2.6.2 AND 903.2.2
    - D. THE SPACE IS ARRANGED SO AS NOT TO OBSTRUCT ACCESS TO THE REQUIRED EXITS.
    - E. EACH SPACE IS LOCATED TO PERMIT VISUAL SUPERVISION BY THE FACILITY STAFF.

2 HOUR GENERAL PARTITION

- A. GENERAL DETAILS FOR 2-HOUR PARTITION
  1. FLOOR & CEILING RUNNER: CHANNEL SHAPE FABRICATED FROM MN. NO.20 MSG (MIN) GALV. STEEL 1 IN DEEP AND MIN. WIDTH OF 3 1/2", ATTACHED TO FLOOR AND CEILING WITH POWER DRIVEN FASTENERS AT 24 IN. O.C.
  2. STEEL STUDS: CHANNEL SHAPED MN 3 1/2" WIDE BY 1 1/4" DEEP W/ 1/4" FOLDED BACK RETURN FLANGE LEGS FABRICATED FROM MN. NO. 20 MSG (MIN) GALV. STEEL, MAXIMUM STUD SPACING 16 IN. O.C. STUD SECURE TO FLOOR AND CEILING RUNNERS W/ STEEL SCREWS.
  3. BATTS AND BLANKETS: NOMINAL 3" (MIN) TICC MINERAL WOOL BATTS, FRICTION FITTED TO COMPLETELY FILL THE STUDS CAVITIES. BATTS AND BLANKETS ARE DESIGNATED AS 3" THERMAFIBER SAFB.
  4. WALLBOARD GYPSUM: 5/8" THICK, 4 FT. WIDE, ONE LAYER OF WALLBOARD TO BE STAGGERED ON OPPOSITE SIDE OF THE STUDS. WALLBOARD SECURE W/ 1 1/2" LONG TYPE S SELF DRILLING, SELF TAPPING STEEL SCREWS SPACED 8" O.C. ALONG THE PERIMETER AND 12" OC. IN THE FIELD. SCREWS ALSO SIDE JOINTS OFFSET 4", THE GYPSUM WALLBOARD SHALL BE DESIGNATED AS 5/8" USGA ULTRA CODE.
  4. JOINT TAPE: ALL JOINTS SHALL BE FILLED WITH JOINT COMPOUND, COVERED WITH PAPER OR MESH TAPE AND THEN COVERED WITH ADDITIONAL JOINT COMPOUND. SCREW HEADS SHALL BE COVERED WITH JOINT COMPOUND TAPE AND JOINT COMPOUNDS SHALL BE DESIGNATED AS USG JOINT COMPOUND-USG JOINT TAPE.

PROVIDE TYPICAL COMPLETE SECTION VIEW THROUGH ONE-HOUR CORRIDOR (S) SHOWING COMPLIANCE WITH CBC SECTION 1017 AND 708.

- A. SIZE, SPACING, AND MATERIAL OF FRAMING MEMBERS. NOTE GAUGE AND ICB0 NUMBER AND INSTALLATION / CONSTRUCTION REQUIREMENTS FOR METAL FRAMING MEMBERS.
- B. METHOD OF ATTACHING FRAMING TO THE BUILDING STRUCTURE. COMPLIANCE SHALL BE SHOWN WITH CBC SECTION 1607.13 FOR LATERAL SUPPORT OF THE WALLS. DO NOT SUPPORT TOP OF WALLS TO SUSPENDED CEILING SYSTEMS UNLESS CALCULATIONS AND DRAWINGS PREPARED BY A REGISTERED ENGINEER ARE SUBMITTED FOR REVIEW. SUBMIT STRUCTURAL ENGINEERING CALCULATIONS FOR WALLS IN ROOMS WITH A FLOOR TO BUILDING STRUCTURE ABOVE HEIGHT GREATER THAN 14 FEET.
- C. SHEATHING MATERIALS AND DETAILS OF ATTACHMENT. NOTE TYPE, SIZE AND SPACING OF FASTENERS.
- D. HEIGHT OF PARTITION, SUSPENDED CEILING, STRUCTURE ABOVE.
- E. REFERENCE EACH WALL AND CEILING FIRE-RESTRICTIVE ASSEMBLY TO A CBC CHAPTER 7 TABLE AND ITEM NUMBER.
- F. FIRE SMOKE DAMPER LOCATIONS, INSTALLATION REQUIREMENTS, AND REQUIRED ACCESS DOORS. REFER TO CBC SECTION 716 AND MECHANICAL CODE SECTION 606.

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DATE	REVISION / ISSUE
05/07/09	CITY CORRECTIONS
06/15/09	CITY CORRECTIONS
07/08/09	CITY CORRECTIONS

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GENERAL NOTES

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SCALE:	SHEET #:
DATE: 03/03/09	A-0.2
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	OF SHEET

ADA NOTES

IT IS THE PROJECT DESIGNER'S PROPERTY OWNER'S RESPONSIBILITY TO SHOW COMPLIANCE ON THE DRAWINGS WITH THE APPLICABLE FEDERAL AND STATE ACCESSIBILITY STANDARDS.

CONTROLS, OPERATING MECHANISM AND ALARMS

- 1. THE CENTER OF THE RECEPTACLE OUTLETS SHALL NOT BE LESS THAN 15 INCHES ABOVE THE FLOOR OR WORKING PLATFORM. LOCATE CONVENIENCE OUTLETS A MINIMUM 12 INCHES FROM THE FLOOR.
2. THE CENTER OF THE GRIP OF THE OPERATING HANDLE OF SWITCHES INTENDED TO BE USED BY THE OCCUPANT OF THE ROOM OR AREA TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES, OR COOLING, HEATING AND VENTILATING EQUIPMENT SHALL BE NOT LESS THAN 3 FEET NOR MORE THAN 4 FEET ABOVE THE FLOOR OR WORKING PLATFORM.
3. THE CENTER OF THE FIRE ALARM INITIATING DEVICES (BOXES) SHALL BE LOCATED 48 INCHES ABOVE THE LEVEL OF THE FLOOR, WORKING PLATFORM, GROUND SURFACE OR SIDEWALK.
4. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN THESE BUILDING STANDARDS. THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15909 IN FEDERAL STANDARD 595A.
5. IF EMERGENCY WARNING SYSTEMS ARE REQUIRED THEY SHALL ACTIVATE A MEANS OF WARNING THE HEARING IMPAIRED. FLASHING VISUAL WARNING SHALL HAVE A FREQUENCY OF NOT MORE THAN 60 FLASHES PER MINUTE.
6. THE HIGHEST AND LOWEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES, AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN 48 INCHES OF THE FLOOR BUT NOT LOWER THAN 15 INCHES FORWARD APPROACHED AND WITHIN 54 INCHES BUT NOT LOWER THAN 9 INCHES IF SIDE APPROACHED. ELECTRICAL AND COMMUNICATION SYSTEM RECEPTACLES ON WALLS SHALL BE MOUNTED NO LESS THAN 15 INCHES ABOVE THE FLOOR.
7. CONTROLS AND OPERATING MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS OF FORCE.
8. FAUCET CONTROLS AND OPERATING MECHANISM FOR KITCHEN SINKS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE FAUCET CONTROLS AND OPERATING MECHANISM FOR KITCHEN SINKS SHALL BE NO GREATER THAN 5 P.L.F. LEVER-OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISM ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS.
DOORS

- 1. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES PART THE STRIKE EDGE FOR INTERIOR DOORS. SECTION 1115B.4.2 & 1133B.2.4.3 FIGURE 11B-26A
2. PROVIDE CLEAR SPACE OF 12 INCHES PAST STRIKE EDGE OF THE DOOR ON THE OPPOSITE SIDE TO WHICH THE DOOR SWINGS IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER ON THE PUSH SIDE OF THE DOOR.
3. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION. SECTION 1133B.2.5.1
4. HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" AND 44" ABOVE THE FLOOR. SECTION 1133B.2.5.1
5. WHEN INSTALLED, DOORS SHALL BE CAPABLE OF OPENING SO THAT THE CLEAR WIDTH IS NOT LESS THAN 32". WHEN INSTALLED, DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH IS NOT LESS THAN 32", MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP.
6. THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDE OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION. SECTION 1115B.4.2, 1133B.2.4, 1093.3.1.6A FIGURE 026A & B.
7. THE FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THEN THERE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH 1/2" MAXIMUM SLOPE. CHANGE IN LEVEL GREATER THAN 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP. SECTION 1133B.2.4.1 & 1093.3.1.6.1A FIGURE 11B-32
8. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAMED DOORS ARE USED, A 1" HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR, WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEEL CHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. SECTION 1133B.2.6 FIGURE 11B-29
9. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS OF EXTERIOR DOORS AND INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO THE HINGED DOORS, AND AT THE CENTER PLAN OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPENERS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MAXIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATION AUTHORITY, NOT TO EXCEED 15 POUNDS. SECTION 1133B.2.5
10. MANUALLY OPERATED EDGE OR SURFACE MOUNTED FLUSH BOLTS AND SURFACE BOLTS OR ANY OTHER TYPE OF DEVICE THAT MAY BE USED TO CLOSE OR RESTRAIN THE DOOR OTHER THAN BY OPENING OF THE LOCK DEVICE SHALL NOT BE USED. WHERE EXIT DOORS ARE USED IN PAIRS AND APPROVED AUTOMATIC FLUSH BOLTS ARE USED, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
11. BARS, GRILLS, GRATES, OR SIMILAR DEVICES PLACES OVER EXIT DOORS, SHALL BE OPEN ABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL, OR ANY SPECIAL KNOWLEDGE OR EFFORT. SUCH BARS, GRILLES, GRATES, OR SIMILAR DEVICES SHALL BE EQUIPPED WITH AN APPROVED RELEASE DEVICE FOR USE BY THE FIRE DEPARTMENT ONLY ON THE EXTERIOR SIDE FOR THE PURPOSE OF FIRE DEPARTMENT ACCESS, WHEN REQUIRED BY THE AUTHORITY HAVING JURIS.

CORRIDORS AND AISLES

- 1. EVERY CORRIDOR SERVING AN OCCUPANT LOAD OF 10 OR MORE SHALL BE NOT LESS IN WIDTH THAN 44 INCHES.
2. EVERY AISLE SHALL BE NOT LESS THAN 3 FEET WIDE IF SERVING ONLY ONE SIDE, AND NOT LESS THAN 3'-6" WIDE IF SERVING BOTH SIDES. SUCH MINIMUM WIDTH SHALL BE MEASURED AT THE POINT FARTHEST FROM AN EXIT, CROSS AISLE OR FOYER AND SHALL BE INCREASED BY 1-1/2 INCHES FOR EACH 5 FEET IN LENGTH TOWARD THE EXIT, CROSS AISLE OR FOYER. WITH CONTINENTAL SEATING SIDE AISLES SHALL BE NOT LESS THAN 44 INCHES IN WIDTH.
3. PROVIDE MINIMUM 8'-0" CLEAR CEILING HEIGHT IN ALL CORRIDORS (REFER TO REFLECTED CEILING PLAN)
4. PROVIDE MINIMUM 44" WIDTH FOR CORRIDORS SERVING 10 OR MORE OCCUPANTS.

FLOOR AND LEVELS

- A. LEVEL AREA IS DEFINED AS "A SPECIFIED SURFACE THAT DOES NOT HAVE A SLOPE IN ANY DIRECTION EXCEEDING 1/4" IN ONE FOOT FROM THE HORIZONTAL (2.08% GRADIENT)
1. IN BUILDING AND FACILITIES, FLOORS OF A GIVEN STORY SHALL BE A COMMON LEVEL THROUGH OUT, OR SHALL BE CONNECTED BY PEDESTRIAN RAMPS, PASSENGER ELEVATORS OR SPECIAL ACCESS LIFTS. SECTION 1120B.1
2. GROUND AND FLOOR SURFACES ALONG ACCESSIBLE ROUTES AND IN ACCESSIBLE ROOMS AND SPACES, INCLUDING FLOORS, WALKS, RAMPS, STAIRS, AND CURB RAMPS, SHALL BE STABLE, FIRM, AND SLIP RESISTANT. SECTION 1124B.1 & 1120B.2
3. CHANGES IN LEVEL UP TO 1/4" MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. SECTION 1124B.2, FIGURE 11B-5E(C)
4. CHANGES IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE ACCOMPLISHED BY MEANS OF A RAMP NO STEEPER THAN 1 VERTICAL TO 20 HORIZONTAL. SECTION 1124B.2, 1133B.2.4.1, & 1093.3.1.6.1A, FIG 11B-5E(D)
5. IF CARPET OR CARPET TILE IS USED ON A GROUND OR FLOOR SURFACE, IT SHALL BE SECURELY ATTACHED, HAVE A FIRM CUSHION, PAD OR BACKING OR NO CUSHION OR PAD, AND HAVE A LEVEL, LOOP, TEXTURED LOOP, LEVEL CUT PILE, OR LEVEL CUT/ UNCT PILE TEXTURE. THE MAXIMUM PILE HEIGHT SHALL BE 1/2". EXPOSED EDGES OF A CARPET SHALL BE FASTENED TO THE FLOOR SURFACE AND HAVE TRIM ALONG THE ENTIRE LENGTH OF THE EXPOSED EDGE. CARPET EDGE TRIM SHALL COMPLY WITH SECTION 1124B.2. SECTION 1124B.3, FIGURE 11B-7B(B)

HAZARDS & PROTRUDING OBJECTS

- 1. OBJECTS PROJECTING FROM WALLS (FOR EXAMPLE, TELEPHONES) WITH THEIR LEADING EDGES BETWEEN 27" AND 80" ABOVE THE FINISHED FLOORS SHALL PROTRUDE NO MORE THAN 4" INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS, OR AISLES.
2. OBJECTS MOUNTED WITH THEIR LEADING EDGES AT OR BELOW 27" ABOVE THE FINISHED FLOOR MAY PROTRUDE ANY AMOUNT INTO WALKS, HALLS, CORRIDORS, PASSAGEWAYS OR AISLES.
3. FREE-STANDING OBJECTS MOUNTED ON POSTS OR PYLONS MAY OVERHANG 12" MAXIMUM FROM 27" TO 80" ABOVE THE GROUND OR FINISHED FLOOR.
4. PROTRUDING OBJECTS SHALL NOT REDUCE THEIR CLEAR WIDTH ON AN ACCESSIBLE ROUTE OR MANEUVERING SPACE.
5. ANY OBSTRUCTION OVERHANGING A PEDESTRIAN WAY SHALL BE A MINIMUM OF 80 INCHES ABOVE THE WALKING SURFACE AS MEASURED TO THE BOTTOM OF THE OBSTRUCTION.
6. WALKS, HALLS, CORRIDORS, PASSAGEWAYS, AISLES OR OTHER CIRCULATION SPACES SHALL HAVE 80" MAXIMUM CLEAR HEAD ROOM.
7. ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION, SUCH AS PLANTERS OR FOUNTAINS LOCATED IN OR ADJACENT TO WALKS, SIDEWALK, OR OTHER PEDESTRIAN WAYS SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP-OFF. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO CURB IS REQUIRED WHEN A GUIDE RAIL IS PROVIDED, CENTERED 3 INCHES ABOVE THE SURFACE OF THE WALK OR SIDEWALK, THE WALK IS 5 PERCENT OR LESS GRADIENT AND NO ADJACENT HAZARD EXITS.
8. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILING, OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES WIDE, COMPLYING WITH SECTION 1133B.8.3 THROUGH 1133B.8.5 (1133B.8.5)

SINGLE ACCOMMODATION TOILET FACILITIES

- 1. THERE SHALL BE SUFFICIENT SPACE IN THE TOILET ROOM FOR A WHEELCHAIR MEASURING 30 INCHES WIDE BY 48 INCHES LONG TO ENTER THE ROOM AND PERMIT THE DOOR TO CLOSE.
2. THE WATER CLOSET SHALL BE LOCATED IN A SPACE WHICH PROVIDES A 28 INCH WIDE CLEAR SPACE FROM FIXTURE OR A 32 INCH WIDE CLEAR SPACE FROM A WALL AT ONE SIDE AND 48 INCHES OF CLEAR SPACE IN FRONT OF THE WATER CLOSET.
3. ROOM ENTRY DOOR SHALL HAVE PUSH BUTTON, LEVER RELEASE, PRIVACY LOCK.

SANITARY FACILITIES (GENERAL)

- 1. WHEN SANITARY FACILITIES ARE LOCATED ON ACCESSIBLE FLOORS OF A BUILDING, THEY SHALL BE MADE ACCESSIBLE TO THE PHYSICAL DISABLED.
2. WHERE SEPARATE FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS OF EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED FOR DISABLED PERSONS OF EACH SEX, TOO. WHERE UNISEX FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS, SUCH UNISEX FACILITIES MAY BE PROVIDED FOR THE DISABLED.
3. ALL DOORWAYS LEADING TO SANITARY FACILITIES SHALL BE 32 INCHES CLEAR UNOBSTRUCTED OPENINGS.
4. ON DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, AN EQUILATERAL TRIANGLE 1/4" INCH THICK WITH EDGES 12 INCHES LONG AND VERTICES POINTING UPWARD SHALL BE PROVIDED AND ON DOORWAYS LEADING TO WOMEN'S SANITARY FACILITIES A CIRCLE 1/4 INCH AND 12 INCHES IN DIAMETER SHALL BE PROVIDED. THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 40 INCHES AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR. THE WORD "MEN" OR "WOMEN" SHALL BE LOCATED DIRECTLY UNDER THE PICTOGRAM OF THE APPROPRIATE SIGN.
5. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/4 INCH THICK, 12 INCHES IN DIAMETER WITH A 1/4 INCH THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12" DIAMETER.

GRAB BARS

- 1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ONE SIDE AND THE BACK OF THE PHYSICALLY DISABLED TOILET STALL OR COMPARTMENT AND SHALL BE SECURELY ATTACHED 1 1/2" TO 1 1/2" CROSS SECTION MOUNTED 33 INCHES ABOVE AND PARALLEL TO THE FLOOR.
2. GRAB BARS AT THE SIDE SHALL BE AT LEAST 42 INCHES LONG WITH THE FRONT AND POSITIONED 24 INCHES IN FRONT OF THE WATER CLOSET STOOL, AND GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36 INCHES LONG.
3. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4 INCHES TO 1-1/2 INCHES OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE.
4. IF THE BARS ARE MOUNTED ADJACENT TO A WALL, THE SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2 INCHES.
5. A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS.
6. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.
7. EDGES SHALL A HAVE A MINIMUM RADIUS OF 1/8 INCH.
8. GRAB BARS SHALL BE PROPERLY MOUNTED SO AS NOT TO BE OVER STRESSED WHEN 250 POUNDS PER LINEAR FOOT IS APPLIED, I.E. PROVIDE BACKING FOR ATTACHMENT.

SIGNS AND IDENTIFICATION

- 1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15909 IN FEDERAL STANDARD 595B.
2. LETTERS AND NUMBERS ON SIGN SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10. STANDARDS FOR SIZES AND SPACING ARE FOUND IN SECTION 2-1706(C) OF THE C.A.C.TITLE 24.
3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING AN UPPER CASE X. LOWER CASE CHARACTERS ARE PERMITTED FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 1121B, THE MINIMUM CHARACTER HEIGHT SHALL BE 3".
4. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
5. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
A. LETTER AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
B. RAISED CHARACTERS OR SYMBOLS BE A MINIMUM OF 5/8" HIGH.
C. PICTORIAL SYMBOL SIGNS (PICTOGRAM) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACES DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.
6. CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
7. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
8. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.6 THROUGH 1117B.5.6.3. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACES ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60 INCHES ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT A PERSON MAY APPROACH WITHIN 3 INCHES OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
9. POLE SUPPORTED PEDESTRIAN TRAFFIC CONTROL BUTTONS SHALL BE IDENTIFIED WITH COLOR CODING CONSISTING OF A TEXTURE HORIZONTAL YELLOW BAND 2" IN WIDTH AND ENCLICLING THE POLE, AND 1" WIDE DARK BORDER BAND ABOVE AND BELOW THIS YELLOW BAND. COLOR CODING SHOULD BE PLACED IMMEDIATELY ABOVE THE CONTROL BUTTON. CONTROL BUTTONS SHALL BE LOCATED NO HIGHER THAN 48 INCHES ABOVE THE SURFACE ADJACENT TO THE POLE.
10. THE TERM "TACTILE SIGN" SHALL MEAN THOSE REQUIRED SIGNS THAT COMPLY WITH SECTION 1117B.5.1, ITEM 1.

- 11. MEN'S FACILITY: EQUILATERAL TRIANGLE 1/4 INCH THICK WITH EDGES 12 INCHES LONG AND VERTICES POINTING UP.
12. WOMEN'S FACILITY: CIRCLE 1/4 INCH THICK AND 12 INCHES IN DIAMETER.
13. LETTERS AND NUMERALS OF SIGNS SHALL BE RAISED 1/32" AND SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE. CHARACTERS TO BE MINIMUM 5/8" HIGH AND A MAXIMUM OF 2" HIGH.

STAIRWAYS

- 1. PROVIDE 2 INCH WIDE STRIP IN CONTRASTING COLOR AT UPPER APPROACH AND LOWER TREAD OF EACH FLIGHT OF INTERIOR STAIRS AND EVERY TREAD OF EXTERIOR STAIRS AS SLIP RESISTANT AS OTHER TREADS OF THE STAIRS.

HANDRAILS

- 1. HANDRAILS SHALL BE CONTINUOUS TO FULL LENGTH OF THE STAIR, SHALL BE 30 TO 34 INCHES ABOVE THE NOSING AND SHALL EXTEND MINIMUM 12 INCHES BEYOND THE WIDTH BEYOND THE BOTTOM NOSING.
2. THE EXTENSION SHALL BE RIGHT ANGLES WHERE A HAZARD WOULD BE CREATED.
3. HANDRAILS PROJECTING FROM A WALL SHALL HAVE A 1 1/2 INCH CLEAR SPACE BETWEEN THE RAIL AND THE WALL. THE HAND GRIP SHALL BE MINIMUM 1 1/4 INCH AND MAXIMUM 2 INCHES IN CROSS SECTIONAL DIMENSION AND BE SMOOTH SURFACED WITH NO SHARP CORNERS.
4. REQUIRED AT EACH SIDE OF RAMP AND CONTINUOUS FOR FULL LENGTH OF RAMP.
5. REQUIRED TO BE 30 INCHES TO 34 INCHES ABOVE RAMP SURFACE AND EXTEND 12 INCHES BEYOND TOP AND BOTTOM OF RAMP. THE ENDS SHALL BE RETURNED.
6. 1 1/4 INCHES MINIMUM TO 2 INCH MAXIMUM CROSS SECTION SPACED MINIMUM 1 1/2 INCHES FROM WALL.

RAMPS

- 1. ANY PATH OF TRAVEL SHALL BE CONSIDERED A RAMP IF ITS SLOPE IS GREATER THAN 1 FOOT VERTICAL TO 20 FEET HORIZONTAL.
2. LANDINGS ARE REQUIRED AT THE TOP AND BOTTOM OF A RAMP AND AT INTERVALS NOT EXCEEDING 30 INCHES IN VERTICAL RISE.
3. RAMPS SHALL BE MINIMUM 48 INCHES BUT NOT LESS THAN AS REQUIRED FOR STAIRWAYS.
4. RAMP LANDING DIMENSIONS
A. 60 INCHES IN DIRECTION OF RAMP RUN WHEN NO DOOR OR GATE SWINGS TOWARD LANDING.
B. 60 INCHES WIDE ALONG EDGE THAT DOOR OR GATE SWINGS ON TO LANDING AND EXTENDS 24 INCHES BEYOND STRIKE PLATE EDGE OF DOOR FOR EXTERIOR RAMPS AND 18 INCHES FOR INTERIOR RAMPS.
C. WIDTH OUT FROM EDGE OF OPENING SHALL BE MINIMUM 42 INCHES PLUS WIDTH OF OUT-SWINGING DOOR OR GATE.
5. CURBS REQUIRED ON RAMPS LONGER THAN 10 FEET AND NOT BOUNDED BY A WALL OR A FENCE.
A. 2 INCH HIGH CURB ON BOTH SIDES.
B. OR, RAIL AT 3 INCHES ABOVE RAMP.

TOILET ROOM FIXTURES AND ACCESSORIES

- 1. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM OF 17 INCHES AND A MAXIMUM OF 19 INCHES MEASURED TO THE TOP OF A MAXIMUM 2" HIGH TOILET SEAT, EXCEPT THAT 3" SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15" HIGH.
2. PROVIDE 18 INCHES FROM THE CENTERLINE OF THE WATER CLOSET TO THE ADJACENT WALL. SECTION 1504.2.1 FIGURE 11B-18
3. TOILET AND URINAL FLUSH CONTROL SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT BE REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED NO MORE THAN 44 INCHES ABOVE THE FLOOR AND ON THE WIDE SIDE OF TOILETS. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 3 POUNDS. SECTION 1502, 1503.2.2 & 1504.2.1
4. WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR SPACE 30 INCHES WIDE x 48 INCHES LONG IN FRONT OF THE URINAL TO ALLOW FORWARD APPROACH. SECTION 1115B.9.4.
5. WHERE URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 13 INCHES FROM THE WALL AND A MAXIMUM OF 17 INCHES ABOVE THE FLOOR SHALL BE PROVIDED. SECTION 1503B.2.1.
6. A CLEAR FLOOR SPACE 30 INCHES WIDE x 48 INCHES LONG SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. SECTION 1115B.9.1.1, FIGURE 11B-18.
7. LAVATORIES SHALL BE MOUNTED WITH A CLEARANCE OF AT LEAST 29 INCHES FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30 INCHES IN WIDTH AND 8 INCHES MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9 INCHES HIGH FROM THE FLOOR AND A MINIMUM OF 17 INCHES DEEP FROM THE FRONT OF THE LAVATORY. SECTION 1504.2.1
8. A PROJECTION OF A LAVATORY BOWL INTO THE 8 INCH CLEAR SPACE, THEREBY REDUCING THE CLEAR HEIGHT BELOW THE LAVATORY TO NO LESS THAN 27 INCHES AT 3 INCHES BACK FROM THE APRON, MEETS THE REQUIREMENT FOR PROVIDING KNEE CLEARANCE. A MAXIMUM HEIGHT OF 34 INCHES TO THE TOP OF THE LAVATORY REQUIRED. SECTION 1504.2.1
9. HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL NOT BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES. SECTION 1115B.9.4.
10. FAUCET CONTROLS AND OPERATING MECHANISM SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 POUNDS. LEVER OPERATED, ELECTRONICALLY ACTIVATED OR APPROVED SELF-CLOSING VALVES ARE ACCEPTABLE. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. SECTION 1504.2.1
11. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NOT MORE THAN 40" FROM THE FLOOR. SECTION 1115B.9.1.2
12. WHERE TOWEL, SANITARY NAPKIN, AND WASTE RECEPTACLES AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS INCLUDING COIN SLOTS, NOT MORE THAN 40 INCHES FROM THE FLOOR. SECTION 1115B.9.2
13. LOCATE TOILET TISSUE DISPENSERS ON THE WALL WITHIN 12 INCHES OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19" FROM THE FLOOR. DISPENSERS THAT CONTROL DELIVERY OR THAT DOES NOT PERMIT CONTINUOUS FLOW SHALL NOT BE USED.
14. GRAB BARS, TUB AND SHOWER SEATS, FASTENERS AND MOUNTING DEVICES SHALL BE DESIGNATED FOR 250 LB. POINT LOAD.
15. LAVATORIES WHEN LOCATED TO A SIDE WALL OR PARTITION, SHALL BE MOUNTED WITH A MINIMUM DISTANCE OF 18" TO THE CENTER LINE OF THE FIXTURE. ACCESSIBLE LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISH FLOOR. SECTION 1504.2.1 FIGURE 11B-1A.
16. TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIALS WHICH EXTEND UPWARD ONTO THE WALLS AT LEAST 5". WALLS WITHIN WATER CLOSET COMPARTMENTS AND WALLS WITHIN 24" OF THE FRONT AND SIDES OR URINALS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48" AND, EXCEPT OF STRUCTURAL ELEMENTS, THE MATERIAL USED IN SUCH WALL SHALL BE A TYPE WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE. SECTION 1115B.9.5

BRISTOL CLINIC AND SURGERY CENTER
3200 SOUTH BRISTOL STREET
SANTA ANA, CALIFORNIA 92704

Table with 3 columns: MARK, DATE, REVISION/ISSUE. Contains revision history entries.

PRISMA ARCHITECTURAL GROUP
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ADA NOTES

Table with 2 columns: SCALE, SHEET #. Contains project information: DATE: 03/03/09, PRODUCT #: 09-101-A, SHEET #: A-0.3.

10165806-07

**CERTIFICATE OF COMPLIANCE (Part 4 of 4) LTG-1-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

**Designer:** This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for lighting systems. The designer is required to check the boxes by all acceptance tests that apply and list all equipment that require an acceptance test. If all equipment of a certain type require a test, list the equipment description and the number of systems to be tested in parentheses. The NJ number designates the Section in the Appendix of the Nonresidential ACM Manual that describes the test. Also indicate the person responsible for performing the test (i.e. the installing contractor, design professional or an agent selected by the owner). Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.

**Building Departments:** Systems Acceptance. Before an occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving a building or space is opened for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance. In addition a Certificate of Acceptance, MECH-1-A, Forms shall be submitted to the building department that:

A. Certifies plans, specifications, installation certificates, and operating and maintenance information meet the requirements of §10-103(b) and Title 24 Part 6.

**Test Description** | **Test Performed By:**

LTG-2-A: Lighting Control Acceptance Document  
 • Occupancy Sensor Acceptance  
 • Manual Daylight Controls Acceptance  
 • Automatic Time Switch Control Acceptance  
 Equipment requiring acceptance testing: AUTOMATIC TIMELOCK CONTROL | ELECTRICAL CONTRACTOR

AND OCCUPANCY SENSORS  
 LTG-3-A: Automatic Daylighting Controls Acceptance Document  
 Equipment requiring acceptance testing:

2005 Nonresidential Compliance Forms April 2005

**CERTIFICATE OF COMPLIANCE (Part 3 of 4) LTG-1-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

**CONTROLS FOR CREDIT IN CONDITIONED AND UNCONDITIONED SPACES**

CONTROL LOCATION (Room # or Dwa #)	CONTROL IDENTIFICATION	CONTROL TYPE (Occ Sensor, Daylight, Dimming, etc)	LUMINAIRES CONTROLLED TYPE	# OF LUMINAIRES	NOTE TO FIELD
103	△	OCCUPANCY SENSOR	ALL	3	
105	△	OCCUPANCY SENSOR	ALL	4	
106	△	OCCUPANCY SENSOR	ALL	4	
108	△	OCCUPANCY SENSOR	ALL	4	
107	△	OCCUPANCY SENSOR	ALL	4	
109	△	OCCUPANCY SENSOR	ALL	4	
112	△	OCCUPANCY SENSOR	ALL	3	
113	△	OCCUPANCY SENSOR	ALL	3	
126	△	OCCUPANCY SENSOR	ALL	1	
127	△	OCCUPANCY SENSOR	ALL	1	
133	△	OCCUPANCY SENSOR	ALL	1	
132	△	OCCUPANCY SENSOR	ALL	1	
125	△	OCCUPANCY SENSOR	ALL	1	
124	△	OCCUPANCY SENSOR	ALL	1	
123	△	OCCUPANCY SENSOR	ALL	1	
128	△	OCCUPANCY SENSOR	ALL	1	
131	△	OCCUPANCY SENSOR	ALL	1	
207	△	OCCUPANCY SENSOR	ALL	1	
206	△	OCCUPANCY SENSOR	ALL	4	
BILLING	△	OCCUPANCY SENSOR	ALL	7	
204	△	OCCUPANCY SENSOR	ALL	2	
203	△	OCCUPANCY SENSOR	ALL	2	

2005 Nonresidential Compliance Forms April 2005

**CERTIFICATE OF COMPLIANCE (Part 2 of 4) LTG-1-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

**INSTALLED INTERIOR LIGHTING POWER FOR CONDITIONED AND UNCONDITIONED SPACES**

INSTALLED WATTS: 6920

PORTABLE LIGHTING (From LTG-3-C): 561

LIGHTING CONTROL CREDIT, UNCONDITIONED SPACES (From LTG-4-C): 6359

CONDITIONED SPACE ADJUSTED INSTALLED LIGHTING POWER: 6359

ALLOWED INTERIOR LIGHTING POWER FOR CONDITIONED SPACES: 6980.39

ALLOWED INTERIOR LIGHTING POWER FOR UNCONDITIONED SPACES (From LTG-5-C): 6980.39

ALLOWED LIGHTING POWER: 6980.39

**ALTERNATE COMPLIANCE**

COMPLETE BUILDING METHOD (From LTG-6-C)  
 AREA CATEGORY METHOD (From LTG-6-C)  
 TAILORED METHOD (From LTG-6-C)

PERFORMANCE METHOD  
 COMMON LIGHTING SYSTEM (From LTG-6-C)

**MANDATORY LIGHTING MEASURES FOR INTERIOR LIGHTING AND DAYLIGHT AREAS**

**MANDATORY INTERIOR AND DAYLIGHTING AUTOMATIC CONTROLS**

CONTROL LOCATION (Room #, Area #, or Description)	CONTROL IDENTIFICATION	CONTROL TYPE (Auto Time Switch, Dimming, Photoelectric, etc.)	SPACE CONTROLLED (Lists the location of controlled lights)	Control in for Daylighting	NOTE TO FIELD
ELECTRIC ROOM	TC	TIME CLOCK	ALL		

2005 Nonresidential Compliance Forms April 2005

**CERTIFICATE OF COMPLIANCE (Part 1 of 4) LTG-1-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

PROJECT ADDRESS: 3200 SOUTH BRISTOL STREET, SANTA ANA, CA 92704

PRINCIPAL DESIGNER/LIGHTING DESIGNER: JAMES A. MONTROSS (649) 553-9005

GENERAL INFORMATION: DATE OF PLANS: 03/26/09 BUILDING CONDITIONED FLOOR AREA: 7137.31 SQ. FT. CLIMATE ZONE: HOTEL/MOTEL/GUEST

**STATEMENT OF COMPLIANCE**

The Principal Lighting Designer hereby certifies that the proposed lighting design complies with the set of construction documents is consistent with the other compliance forms and worksheets, with the specifications, and any other calculations submitted with this permit application. The proposed lighting has been designed to meet lighting requirements contained in applicable parts of Sections 110, 116, 130-132, 146, 148, & 149 of Title 24, Part 6.

**MANDATORY LIGHTING MEASURES**

LTG-1-C, Part 1 of 4 and 2 of 4  
 LTG-1-C, Part 3 of 4  
 LTG-1-C, Part 4 of 4  
 LTG-2-C  
 LTG-3-C  
 LTG-4-C  
 LTG-5-C  
 LTG-6-C  
 LTG-7-C  
 LTG-8-C  
 LTG-9-C

2005 Nonresidential Compliance Forms April 2005

**LIGHTING MANDATORY MEASURES LTG-MM**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

DESCRIPTION	Designer	Enforcement
<input checked="" type="checkbox"/> For every floor, all interior lighting systems shall be equipped with a separate automatic control to shut off the lighting. This automatic control shall meet the requirements of Section 118 and may be an occupancy sensor, automatic time switch, or other device capable of automatically shutting off the lighting.	JAM	
<input checked="" type="checkbox"/> Override for Building Lighting Shut-off: The automatic building shut-off system is provided with a manual, accessible override switch in sight of the lights. The area of override is not to exceed 6,000 square feet.	JAM	
<input checked="" type="checkbox"/> Automatic Control Devices Certified: All automatic control devices specified are certified, all alternate equipment shall be certified and installed as directed by the manufacturer.	JAM	
<input checked="" type="checkbox"/> Fluorescent Ballast and Luminaires Certified: All fluorescent fixtures specified for the project are certified and listed in the Directory. All installed fixtures shall be certified.	JAM	
<input checked="" type="checkbox"/> Individual Room/Area Controls: Each room and area in this building is equipped with a separate switch or occupancy sensor device for each area with floor-to-ceiling watts.	JAM	
<input checked="" type="checkbox"/> Uniform Reduction for Individual Rooms: All rooms and areas greater than 100 square feet and more than 8 watts per square foot of lighting load shall be controlled with bi-level switching for uniform reduction of lighting within the room.	JAM	
<input type="checkbox"/> Daylight Area Control: All rooms with windows and skylights that are greater than 265 square feet and that allow for the effective use of daylight in the area shall have 80% of the lamps in each daylight area controlled by a separate switch, or the effective use of daylight cannot be accomplished because the windows are continuously shaded by a building on the adjacent lot. Diagram of shading during different times of the year is included on plans.	N/A	
<input type="checkbox"/> Control of Exterior Lights: Exterior mounted fixtures served from the electrical panel inside the building are controlled with a directional photo cell control on the roof and a corresponding relay in the electrical panel.	N/A	
<input type="checkbox"/> Display Lighting: Display lighting shall be separately switched on circuits that are 20 amps or less.	N/A	

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**INTERIOR LIGHTING POWER ALLOWANCE LTG-5-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

**ALLOWED LIGHTING POWER (Choose One Method)**

BUILDING CATEGORY (From § 146 Table 146-B)	WATTS PER (FT <sup>2</sup> )	COMPLETE BLDG. AREA	ALLOWED WATTS
AREA CATEGORY METHOD - CONDITIONED SPACES			
AREA CATEGORY (From § 146 Table 146-C)			
OFFICE	1.2	1248.76	1498.11
RESTROOM	0.6	502.56	301.54
STORAGE	0.6	335.08	201.05
CORRIDOR	0.6	1488.53	893.12
JAN. CLOSET	0.6	30.00	18.00
MEDICAL	1.2	2288.73	2746.48
WAITING AREAS	1.1	884.57	973.03
LOUNGE	1.1	207.32	228.05
LOCKER/DRESSING ROOM	0.8	153.76	123.01
TOTALS		7137.31 AREA	6980.39 WATTS
TAILORED METHOD - CONDITIONED SPACES			
UNCONDITIONED SPACES			
Complete Building and Area Category Methods CATEGORY (From § 146 Table 146-B & C)			
BILLING			
204			
203			
TOTALS			
TAILORED METHOD - UNCONDITIONED SPACES			
TOTAL UNCONDITIONED SPACES ALLOWED WATTS (From LTG-5-C and LTG-6-C)			

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**LIGHTING CONTROLS CREDIT WORKSHEET (Part 1 of 2) LTG-4-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

A	B	C	D	E	F	G	H	I	CONTROL ADJUSTMENT FACTOR (P. 5.0)
ROOM & ZONE ID	LIGHTING CONTROL DESCRIPTION	PLAN REFERENCE	ROOM AREA (FT <sup>2</sup> )	WINDOW WALL GLAZING (FT <sup>2</sup> )	DAYLIGHTING EFFECTIVE APERTURE	WATTS OF CONTROL LIGHTING	LIGHTING ADJUSTMENT FACTOR	CREDIT WATTS (P. 5.0)	
103	OCC. SENSOR	E3.0	59.71			91	0.20	18.2	
105	OCC. SENSOR	E3.0	207.32			270	0.20	54.0	
106	OCC. SENSOR	E3.0	76.88			112	0.20	22.4	
108	OCC. SENSOR	E3.0	76.88			112	0.20	22.4	
107	OCC. SENSOR	E3.0	75.17			112	0.20	22.4	
109	OCC. SENSOR	E3.0	75.17			112	0.20	22.4	
112	OCC. SENSOR	E3.0	76.88			91	0.20	18.2	
113	OCC. SENSOR	E3.0	78.75			91	0.20	18.2	
126	OCC. SENSOR	E3.0	65.83			90	0.20	18.0	
127	OCC. SENSOR	E3.0	77.50			90	0.20	18.0	
133	OCC. SENSOR	E3.0	30.00			28	0.20	5.6	
132	OCC. SENSOR	E3.0	30.00			28	0.20	5.6	
125	OCC. SENSOR	E3.0	18.75			20	0.20	4.0	
124	OCC. SENSOR	E3.0	18.75			20	0.20	4.0	
123	OCC. SENSOR	E3.0	72.33			90	0.20	18.0	
128	OCC. SENSOR	E3.0	75.00			98	0.20	19.6	
131	OCC. SENSOR	E3.0	63.75			60	0.20	12.0	
207	OCC. SENSOR	E3.0	61.88			60	0.20	12.0	
206	OCC. SENSOR	E3.0	153.20			240	0.20	48.0	
BILLING	OCC. SENSOR	E3.0	506.25			830	0.20	166.0	
204	OCC. SENSOR	E3.0	96.58			180	0.20	36.0	
203	OCC. SENSOR	E3.0	102.13			180	0.20	36.0	
TOTALS									
1) From Equation 146-A									561
2) From Table 146-A									561
Enter in LTG-3-C: Lighting Control Credit									

2005 Nonresidential Compliance Forms April 2005

**INTERIOR LIGHTING SCHEDULE (Part 1 of 2) LTG-2-C**

PROJECT NAME: BRISTOL CLINIC AND SURGERY CENTER DATE: 03/26/09

**INSTALLED LIGHTING POWER FOR CONDITIONED SPACES**

A	B	C	D	E	F	G	H	I	J	
Name	Type Description	Room Type	Number of Lamps	Watts per Lamp	Number of Ballasts	Watts per Ballast	Number of Dimmers	Watts per Dimmer	Number of Controls	Number of Controls
F1	2' x 2' TROFFER	FLOOR	2	31	1	60	✓	3	180	
F2	2' x 4' TROFFER	FLOOR	3	32	2	60	✓	16	1440	
F4	2' x 2' TROFFER	FLOOR	2	31	1	60	✓	4	240	
F5	U.C. FIXTURE	FLOOR	1	28	1	30	✓	10	300	
F6	2' x 4' TROFFER	FLOOR	3	32	2	60	✓	3	270	
F7	EXPLOSION PROOF 1' x 4' WRAP	FLOOR	2	32	1	60	✓	1	60	
F8	STRIPLIGHT	FLOOR	1	32/25	1	60/FT	✓	153	1224	
F9	LENS DOWNLIGHT	CFL	1	26	1	28	✓	3	84	
F10	DOWNLIGHT	CFL	1	26	1	28	✓	34	952	
F11	DECORATIVE PENDANT	CFL	2	32	1	70	✓	3	210	
F12	DECORATIVE CLNG MTD LIGHT	CFL	2	13	1	30	✓	2	60	
F13	DOWNLIGHT	CFL	1	18	1	20	✓	20	400	
F15	2' x 4' TROFFER	FLOOR	2	32	1	60	✓	19	1140	
F15	2' x 2' TROFFER	FLOOR	2	31	2	60	✓	4	240	
(E)	1' x 4' WRAPAROUND	FLOOR	2	32	1	60	✓	2	120	
PAGE TOTAL										6920
BUILDING TOTAL (sum of all pages)										6920
PORTABLE LIGHTING (From LTG-3-C)										561
CONTROL CREDIT (From LTG-4-C)										6359
ADJUSTED ACTUAL WATTS										6359

2005 Nonresidential Compliance Forms April 2005

BRISTOL CLINIC AND SURGERY CENTER  
 3200 SOUTH BRISTOL STREET  
 SANTA ANA, CALIFORNIA 92704

NO.	DATE	REVISION/SCALE
1	03/07/09	CITY CORRECTIONS

PRISMA ARCHITECTURAL GROUP  
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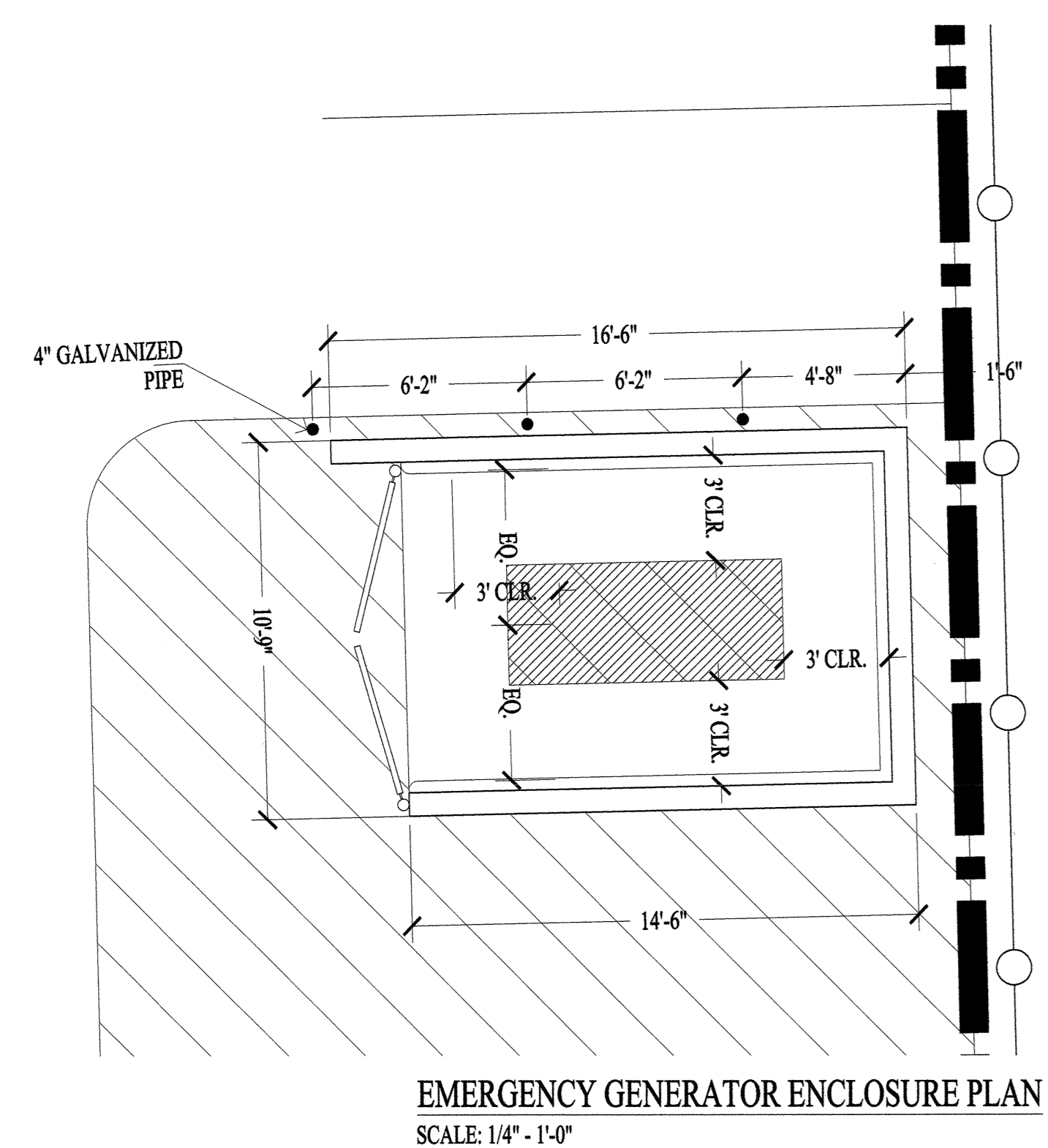
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SCALE: NONE SHEET #:  
 DATE: 03/03/09  
 PROJECT: 09-101  
 SHEET: A-04 OF SHEET

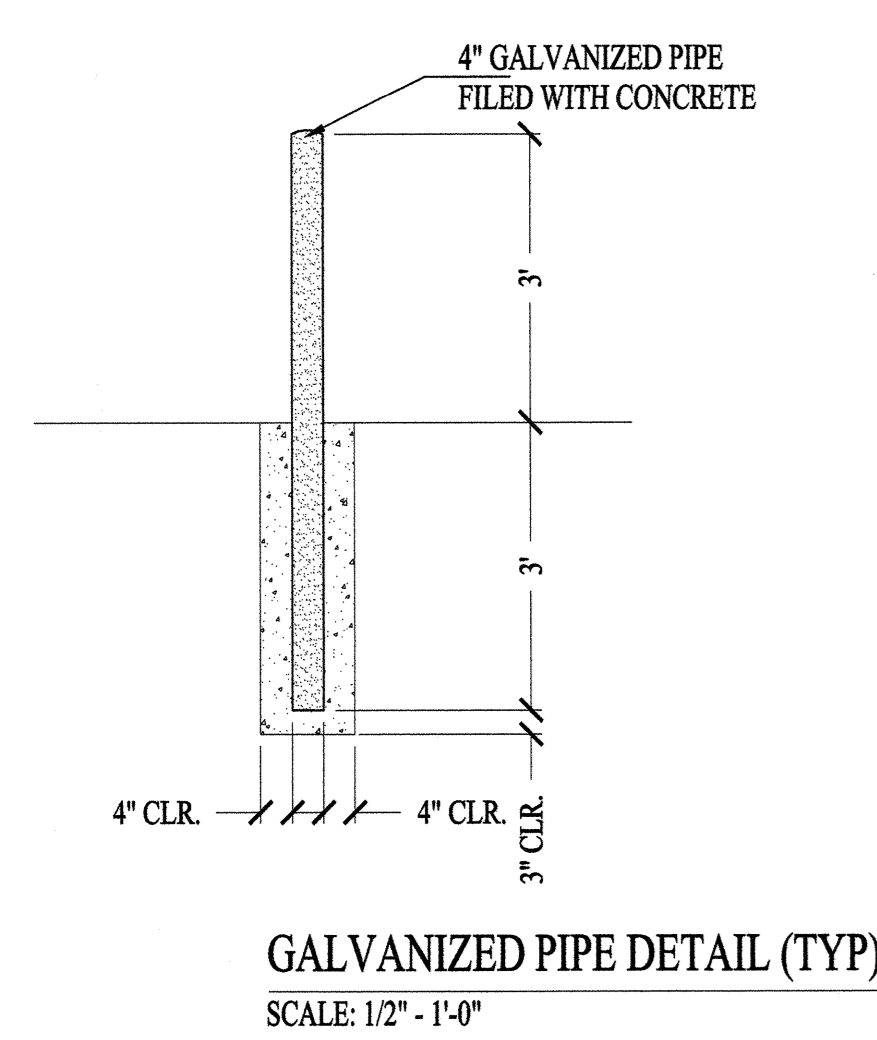
MONTROSS & ASSOCIATES, INC.  
 CONSULTING SERVICES  
 2081 BUSINESS CENTER DR., SUITE 218  
 IRVINE, CALIFORNIA 92614  
 (949) 553-9005  
 WWW.WEBSITE.MONTROSSNET FAX (949) 553-9007

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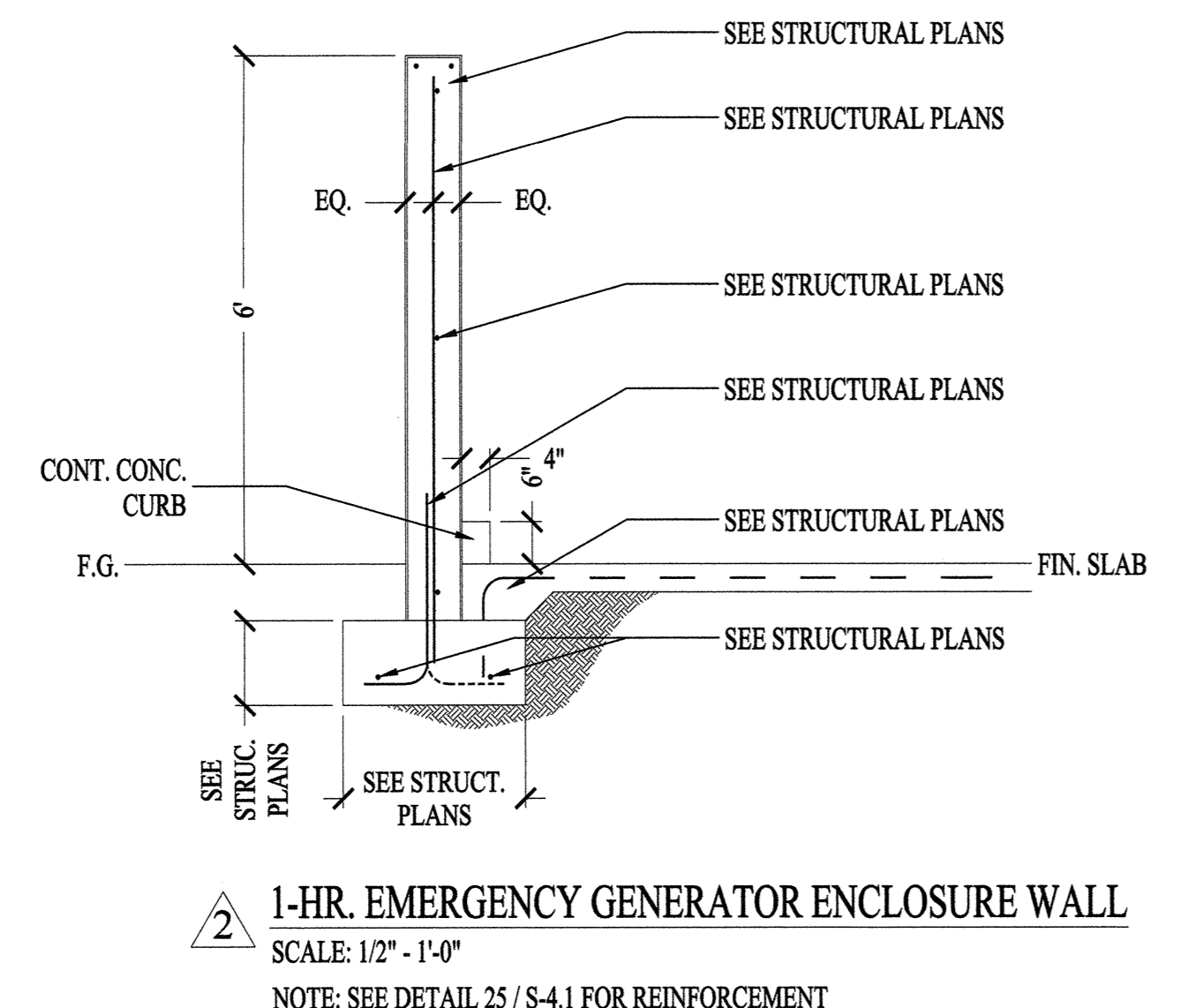




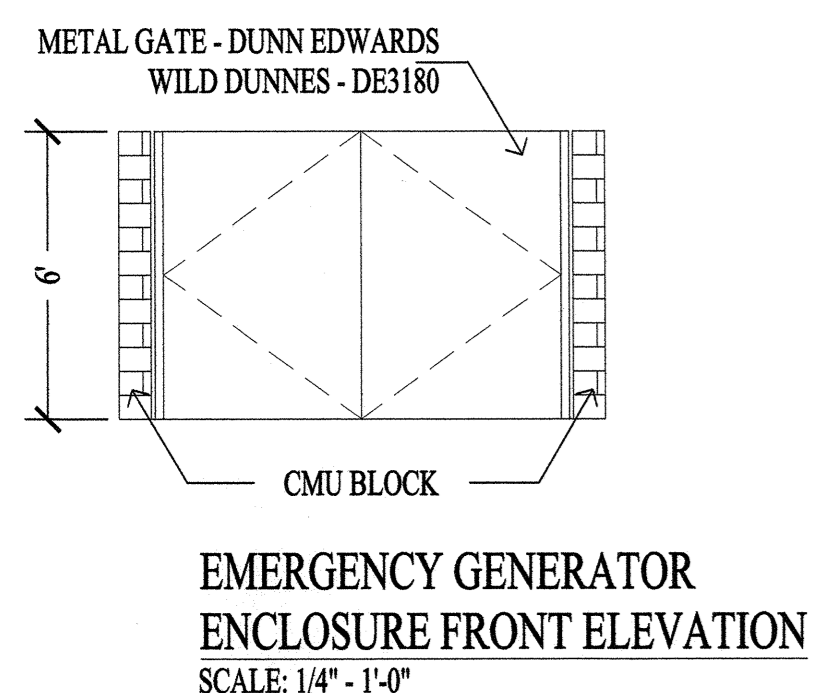
EMERGENCY GENERATOR ENCLOSURE PLAN  
SCALE: 1/4" - 1'-0"



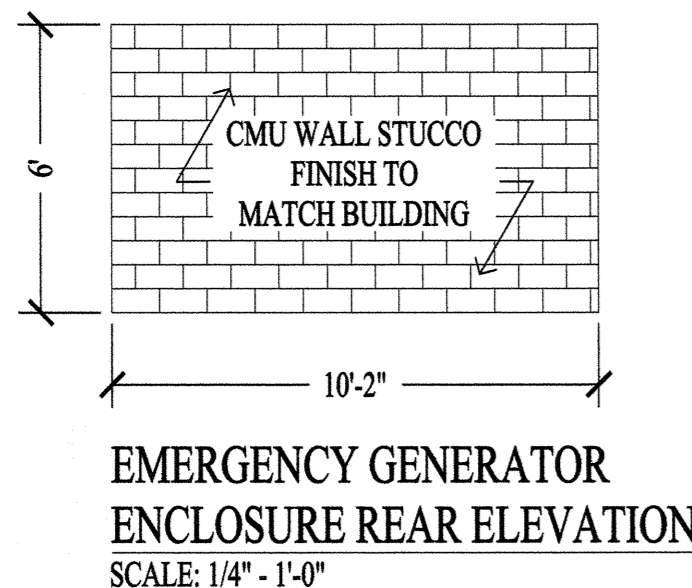
GALVANIZED PIPE DETAIL (TYP)  
SCALE: 1/2" - 1'-0"



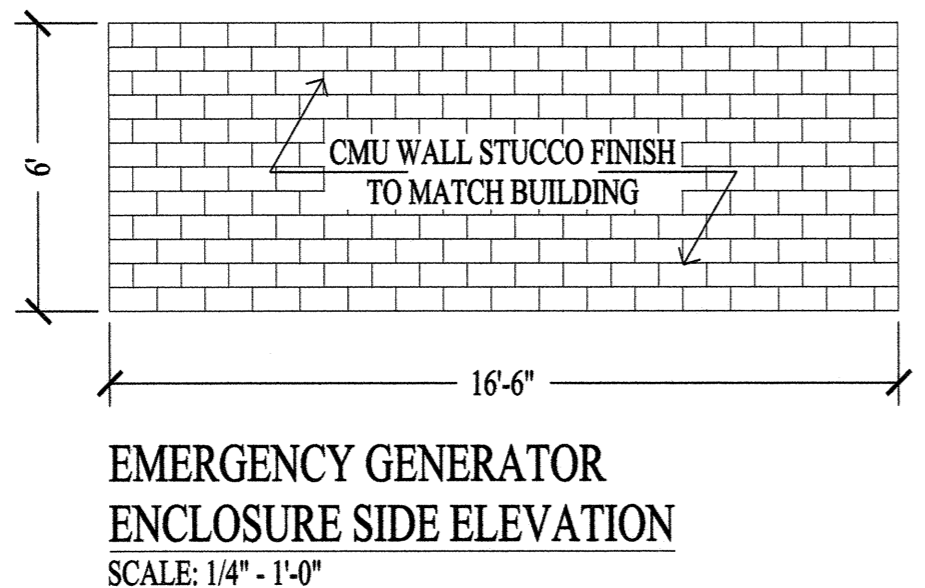
1-HR. EMERGENCY GENERATOR ENCLOSURE WALL  
SCALE: 1/2" - 1'-0"  
NOTE: SEE DETAIL 25 / S-4.1 FOR REINFORCEMENT



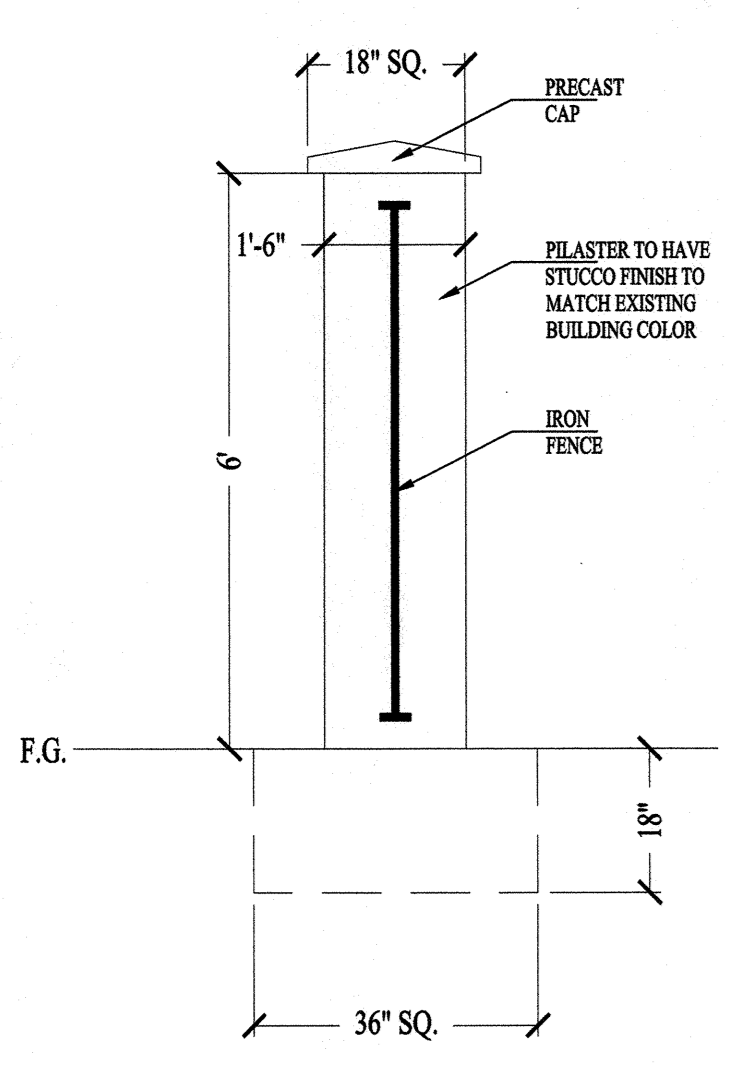
EMERGENCY GENERATOR ENCLOSURE FRONT ELEVATION  
SCALE: 1/4" - 1'-0"



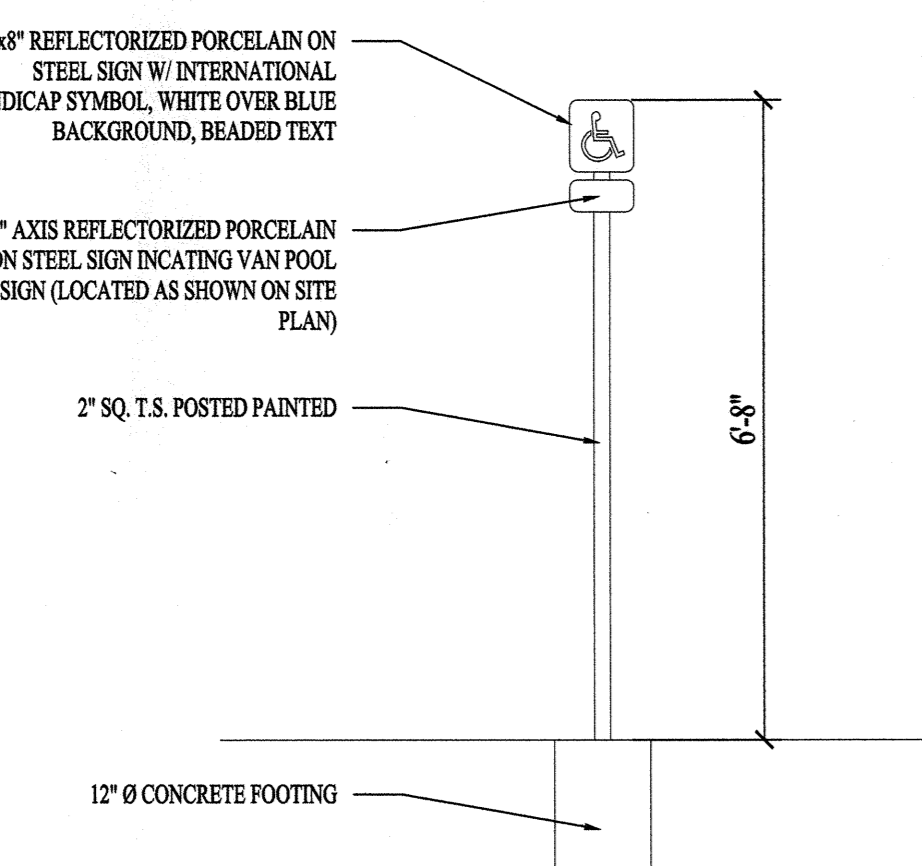
EMERGENCY GENERATOR ENCLOSURE REAR ELEVATION  
SCALE: 1/4" - 1'-0"



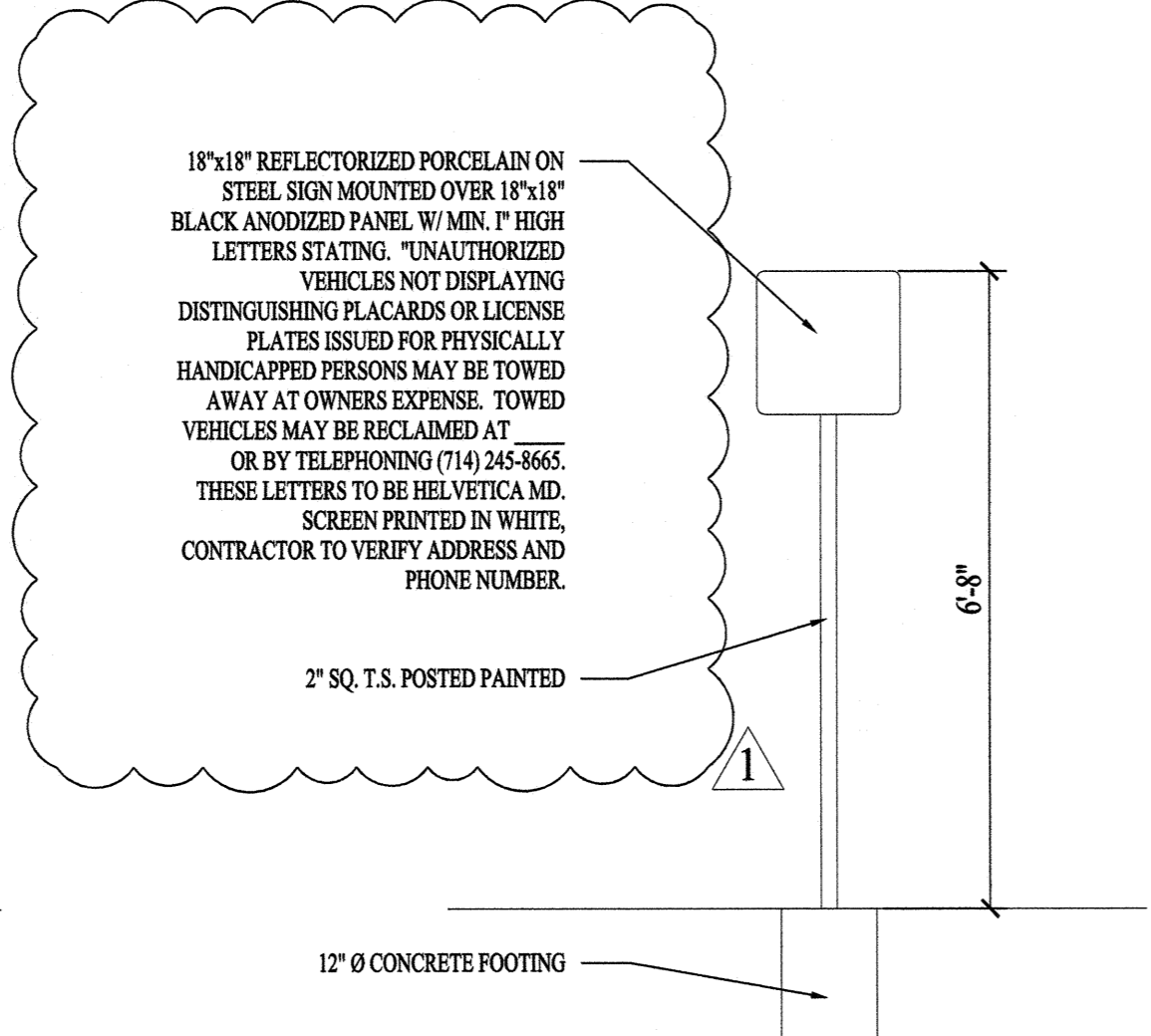
EMERGENCY GENERATOR ENCLOSURE SIDE ELEVATION  
SCALE: 1/4" - 1'-0"



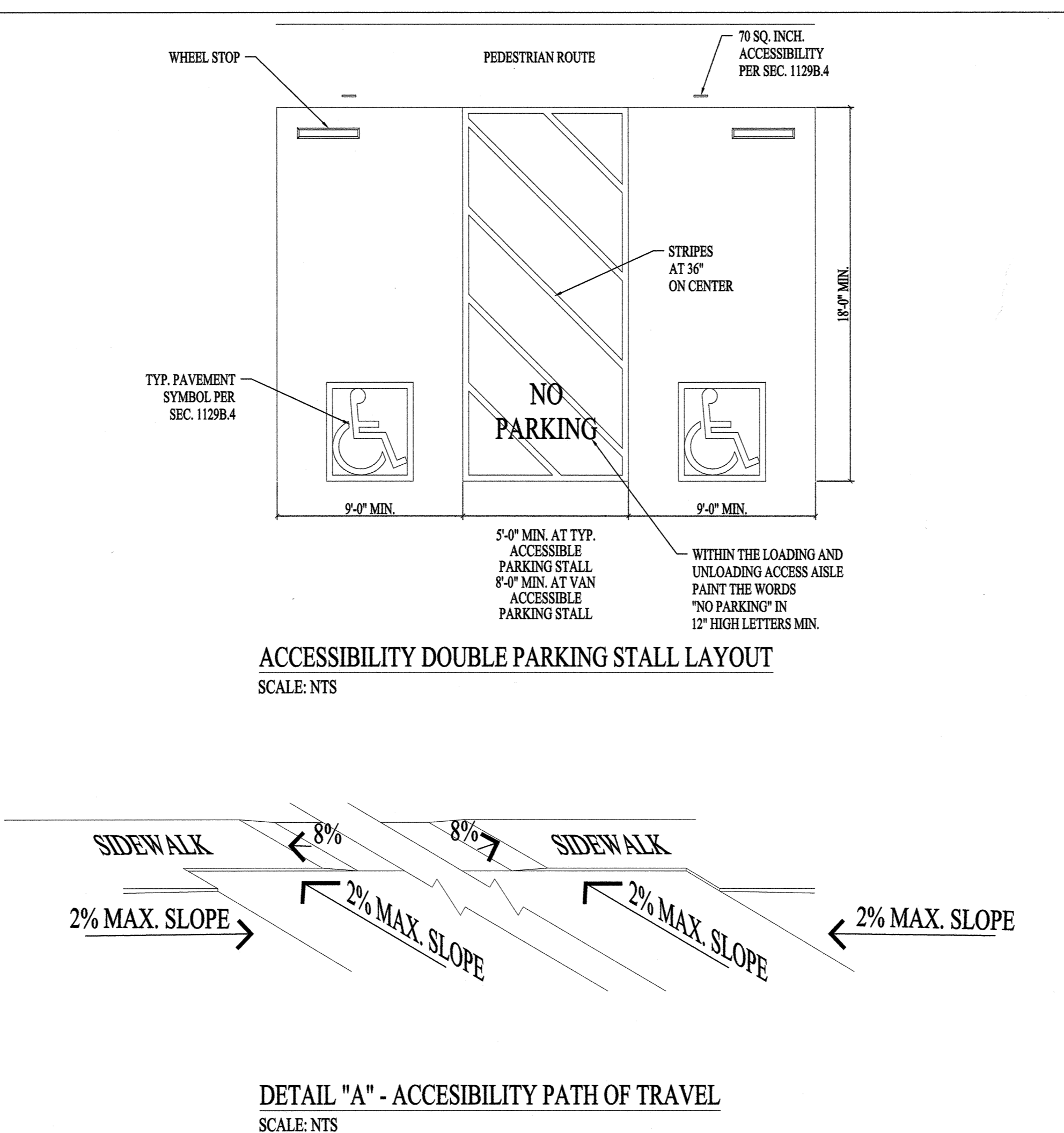
IRON FENCE  
SCALE: 1/2" - 1'-0"



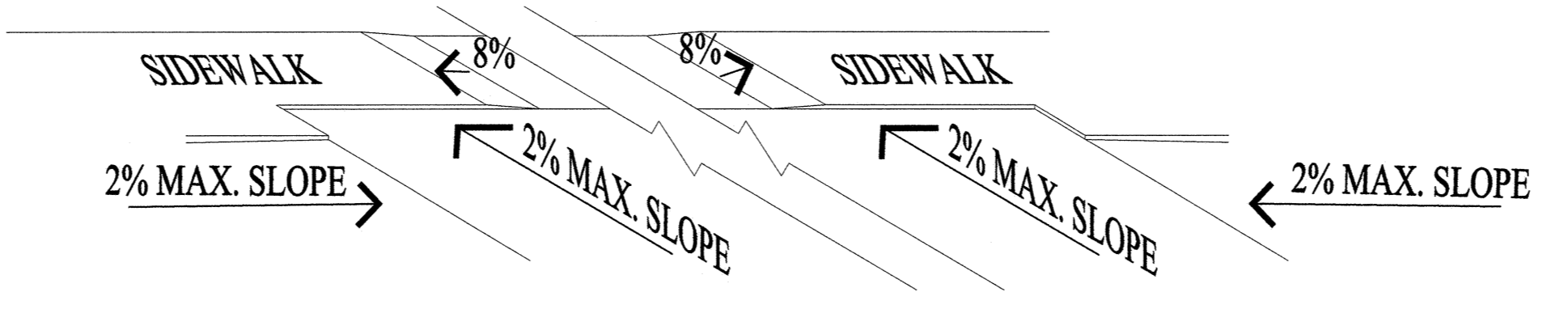
ACCESSIBILITY PARKING SIGN 1  
SCALE: NTS



ACCESSIBILITY PARKING SIGN 2  
SCALE: NTS



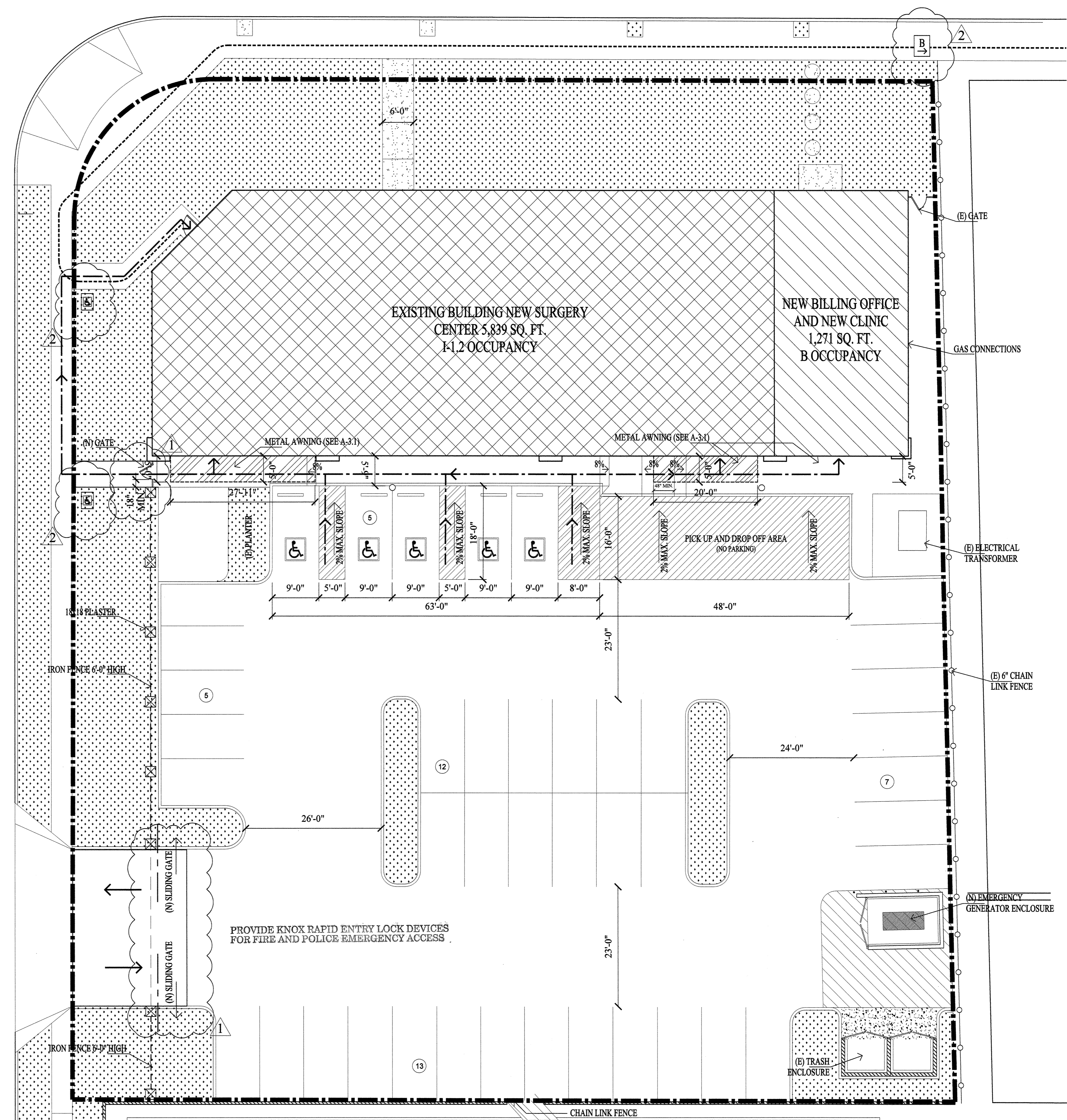
ACCESSIBILITY DOUBLE PARKING STALL LAYOUT  
SCALE: NTS



DETAIL "A" - ACCESSIBILITY PATH OF TRAVEL  
SCALE: NTS

3200 SOUTH BRISTOL STREET

GARRY AVENUE



EXISTING SITE AND PARKING PLAN  
SCALE: 3/32" - 1'-0"

**SITE NOTES:**  
THE MAXIMUM SURFACE SLOPE WITHIN THE ACCESSIBLE PARKING SPACE AND ADJACENT ACCESS AISLE MAY NOT EXCEED 2% IN ANY DIRECTION.  
"SITE DESIGN" BEST MANAGEMENT PRACTICES HAVE BEEN INCORPORATED INTO THIS SITE PLAN AND WILL BE UTILIZED AS MUCH AS POSSIBLE IN THE DEVELOPMENT OF CONSTRUCTION DOCUMENTS.

**VEHICULAR PARKING STALL INFORMATION:**

**PARKING REQUIRED:**  
OFFICE: 6 SPACES FOR EVERY 1,000 SQFT = 6  
AMBULATORY S.C.: 6 SPACES FOR EVERY 1,000 SQFT = 6  
STANDARD STALLS PROVIDED = 37  
HANDICAP STALLS PROVIDED = 5  
TOTAL PARKING STALLS PROVIDED = 42 SPACES

STANDARD: 8'-6" x 18' UNLESS DIMENSIONED.  
DRIVE AISLE WIDTH: 23'

ALL STALLS SHALL BE DOUBLE STRIPED PER CITY STANDARDS AND SHALL NOT ENCRUMB INTO REQUIRED LANDSCAPE AREAS.

**BUILDING AREA:**  
TOTAL BUILDING AREA = 7,105 SQFT.

**HANDICAP STALL INFORMATION:**  
REQUIREMENTS: TEN PERCENT OF THE TOTAL NUMBER OF PARKING SPACES PROVIDED.  
TOTAL STALLS PROVIDED: 5 (1 - VAN ACCESSIBLE)

**SITE INFORMATION:**  
SITE / LANDSCAPE: 32,678 SF (31,541 NET)  
SITE: 5,499 SF (5.9%)

- SYMBOLS LEGEND:**
- PROPERTY LINE
  - ACCESSIBILITY WALKWAY MIN. 4' WIDE, 2% MAX. SLOPE IN DIRECTION OF TRAVEL AND 2% CROSS SLOPE LOADING / UNLOADING STRIPPING AND PATH OF TRAVEL
  - HANDICAP STALL 8'-6" x 18'-0"
  - LANDSCAPE AREA
  - BUS STOP - ONE BLOCK AWAY HEADING SOUTH
  - ACCESSIBILITY SIGN FOR PEDESTRIANS

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MARK	DATE	REVISION / REUSE
1	05/07/09	CITY CORRECTIONS
2	06/15/09	CITY CORRECTIONS
3	07/08/09	CITY CORRECTIONS

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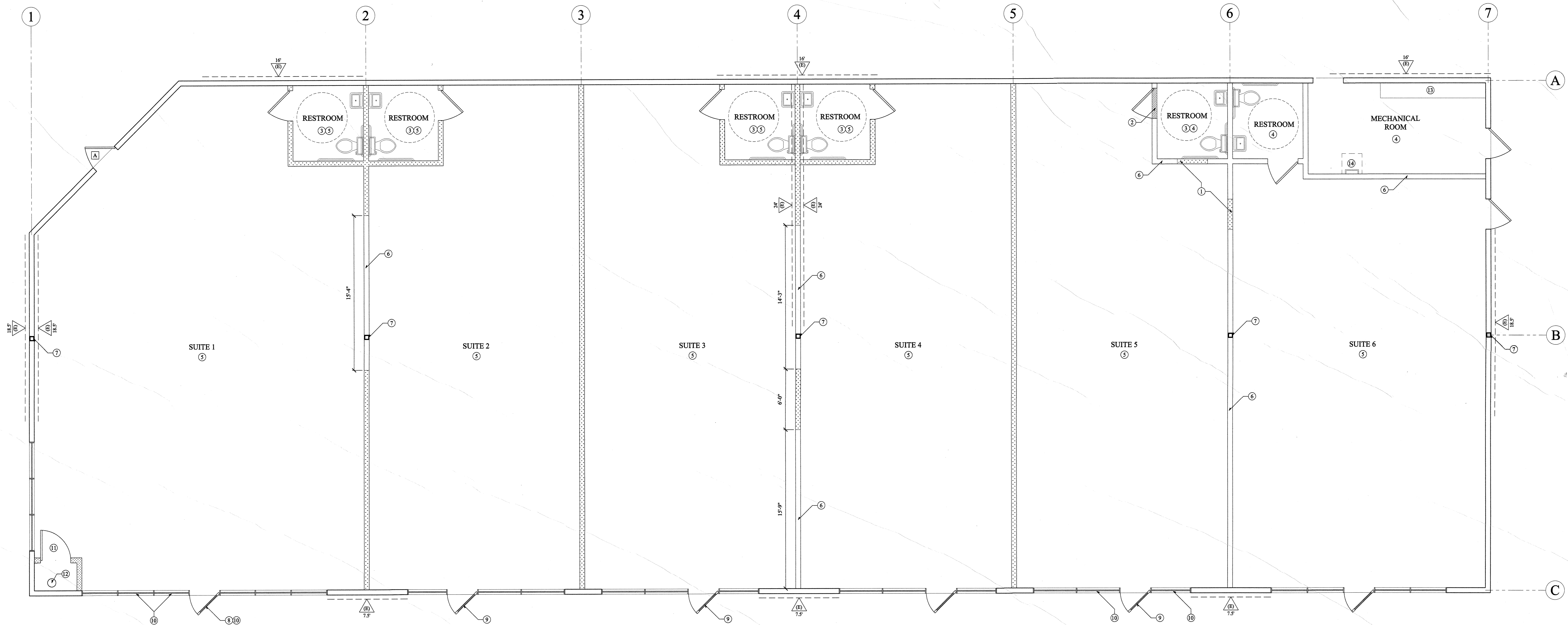
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PLOT PLAN

SCALE	SHEET #
VARIOUS	A-1.1
DATE: 05/15/09	
PROJECT #	09-101-A

10165806-07

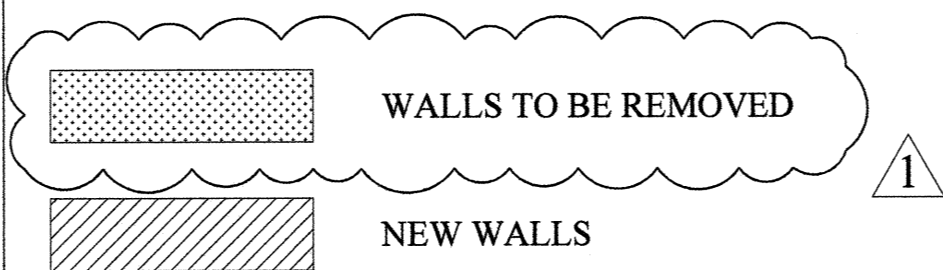
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DEMOLITION PLAN

KEY NOTES

- 1 NEW DOOR OPENING (SEE LAYOUT PLAN FOR SIZE AND LOCATION)
- 2 CLOSE EXISTING DOOR OPENING
- 3 REMOVE AND SAVE EXISTING PLUMBING FIXTURES AND ACCESSORIES TO BE REUSED
- 4 EXISTING CEILING TO REMAIN
- 5 REMOVE AND SAVE EXISTING CEILING TILE AND GRID TO BE REUSED
- 6 INTERIOR WALLS TO REMAIN
- 7 EXISTING HSS COLUMN TO REMAIN (SEE STRUCTURAL DRAWINGS)
- 8 RELOCATE EXISTING DOOR TO LOCATION A
- 9 REMOVE AND SAVE EXISTING DOOR AND INSTALL NEW STOREFRONT PANEL
- 10 REMOVE EXISTING DOOR AND RECONFIGURE STOREFRONT PANELS TO NEW LAYOUT (SEE A-2.3)
- 11 REUSE EXISTING DOOR
- 12 EXISTING FIRE SPRINKLER RISER
- 13 REMOVE AND SAVE EXISTING MAIN SWITCHGEAR
- 14 EXISTING ROOF ACCESS (EXACT LOCATION TO BE VERIFIED IN THE FIELD)



DEMOLITION / ALTERATION GENERAL NOTES

- A. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS
- B. DEMOLITION QUANTITIES ARE UNCLASSIFIED EXCEPT WHERE EXISTING CONSTRUCTION IS GRAPHICALLY DESIGNATED AND OR NOTED TO REMAIN, WHERE PARTITIONS, CEILINGS, FLOOR, ETC. ARE SHOWN TO BE REMOVED, DEMOLITION SHALL BE INCLUSIVE OF MEP SERVICES/UTILITIES CONTAINED WITHIN, UNLESS SCHEDULED OR NOTED TO REMAIN OR BE EXTENDED FOR ADDITIONAL DEMOLITION AND OR SALVAGE REQUIREMENTS. SEE CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DOCUMENTS. SEE NEW CONSTRUCTION DOCUMENTS TIE-INS TO EXISTING SYSTEMS. SERVICES AND MATERIALS TO FULLY DETERMINE ACTUAL DEMOLITION LIMITS.
- C. DEMOLITION DEBRIS MUST BE PROMPTLY REMOVED FROM THE SITE. DEBRIS REMOVAL MUST BE COORDINATED WITH THE OWNER/LANDLORD.
- D. WHERE DEMOLITION IS TO OCCUR ADJACENT TO OCCUPIED AREAS, CONSTRUCT ALL NECESSARY CONSTRUCTION BARRIERS, AND TEMPORARY DUST/NOISE PARTITIONS.
- E. ALL SALVAGE ITEMS SCHEDULED FOR RE-USE MUST BE CAREFULLY REMOVED, TAGGED, AND STORED UNTIL RE-USE. CLEAN AND RECONDITION ALL SALVAGE ITEMS NOTED OR SCHEDULED TO BE RE-USED.
- F. THE OWNER RESERVES THE RIGHT TO RETAIN THE FOLLOWING SALVAGE ITEMS, IF SO NOTIFIED (AND IF NOT SPECIFICALLY INCORPORATED OR RE-USED IN THIS PROJECT), CAREFULLY REMOVE, TAG, TRANSPORT, AND STORE IN OWNER DESIGNATED STORAGE SPACE (ON CAMPUS) THE FOLLOWING ITEMS:  
 ELECTRICAL FIXTURES AND DEVICES  
 DOORS, FRAMES, AND HARDWARE  
 MECHANICAL GRILLS/DIFFUSERS  
 PLUMBING FIXTURES AND TRIM  
 MILLWORK AND CASEWORK UNITS  
 SHOULD THE OWNER DECLINE TO ACCEPT AND PROVIDE STORAGE FOR ANY OF THE ABOVE, THEY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND MUST BE PROMPTLY REMOVED FROM THE SITE.
- G. REMOVE ALL ATTACHMENTS FOUND ON PARTITION FACES AND CEILINGS, AND TURN OVER TO OWNER, I.E. SURFACE MOUNTED TOILET ACCESSORIES, (SOAP DISPENSERS) CUBICLE CURTAIN TRACKS, TV WALL MOUNTING BRACKETS, ETC.
- H. REMOVAL OF ANY ANTENNAS OR COMPUTER AND TELEPHONE CABLE AND/OR SYSTEM BOARDS MUST BE COORDINATED AND SCHEDULED WITH THE OWNER.
- I. PROTECT BY APPROPRIATE MEANS ALL EXISTING CONSTRUCTION, FINISHES, AND EQUIPMENT THAT IS TO REMAIN. ALL DAMAGED ITEMS, FINISHES MUST BE REPAIRED/RESTORED TO THEIR ORIGINAL (PRE-DAMAGED) CONDITION
- J. DEMOLITION REQUIRING AIR HAMMERS OR OTHER LOUD NOISE GENERATING EQUIPMENT MUST BE CAREFULLY COORDINATED AND SCHEDULED WITH THE OWNER WORKING HOURS FOR SUCH ACTIVITY WILL BE RESTRICTED.
- K. IN EXISTING SPACES WHERE PARTITIONS ARE SHOWN TO BE REMOVED, REMOVE ABUTTING FLOOR FINISHES AND CEILINGS AS WELL UNLESS SPECIFICALLY NOTED TO REMAIN.
- L. ALL PENETRATIONS FOUND IN EXISTING CHASES AND FIRE-RATED PARTITIONS OR SHAFTS NOT SPECIFICALLY CALLED OUT, MUST BE PATCHED/FIRESAFED TO MEET THE REQUIRED FIRE ASSEMBLY RATING.
- M. UTILITY SHUT DOWNS AND ALL SERVICE OUTAGES MUST BE SCHEDULED WITH THE OWNER MUST BE SCHEDULED ONE (1) WEEK IN ADVANCE.
- N. WHERE IMBEDDED ITEMS OR PLUMBING FIXTURES, ETC. ARE REMOVED, PATCHED/REPAIR THE EXISTING CONSTRUCTION TO REMAIN TO MATCH AND TO MAINTAIN THE STRUCTURAL AND OR FIRE PROTECTION INTEGRITY OF THE WALL.
- O. AFTER REMOVAL OF EXISTING CONSTRUCTION OR FINISHES, PATCH OR REPAIR EXISTING SUBSTRATES REMAINING AS REQUIRED TO RECEIVE THE SCHEDULED FINISH.

DATE	REVISION / ISSUE
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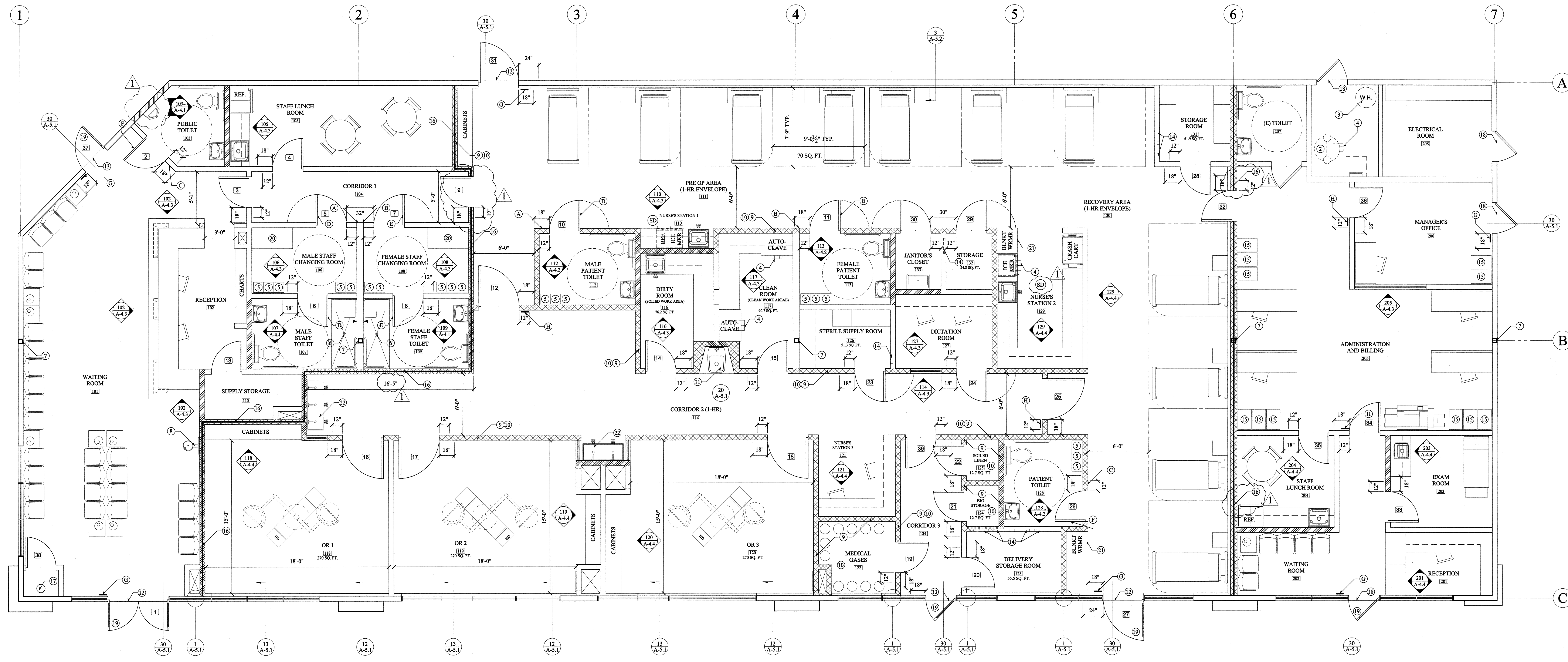
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DEMOLITION PLAN

SCALE: 1/4" = 1'-0"	SHEET #:
DATE: 03/03/09	A-2.1
PROJECT: 09-101-A	OF SHEET

10165806-07

**BRISTOL CLINIC AND SURGERY CENTER**  
**3200 SOUTH BRISTOL STREET**  
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**FLOOR PLAN**  
 SURGERY CENTER - 1-2.1: 4,296 SQ.FT.  
 SURGERY CENTER WAITING ROOM - B: 1,538 SQ.FT.  
 MEDICAL OFFICE - B: 1,105 SQ.FT.  
 ELECTRICAL EQUIPMENT ROOM - B: 166 SQ.FT.  
 TOTAL: 7,105 SQ.FT.

DOOR SCHEDULE									
DOOR NUMBER	ROOM NUMBER	ROOM LOCATION NAME	DOOR SIZE	FINISH MATERIAL	FRAME TYPE	DOOR CORE TYPE	HARDWARE SET	PANIC HARDWARE	REMARKS
1	101	WAITING ROOM	6'-0"x7'-0"	GLS	A	3			STORE FRONT - DOUBLE DOOR
2	103	PUBLIC TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			
3	104	CORRIDOR 1	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 11C			
4	105	STAFF LUNCH ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14A			
5	106	MALE STAFF CHANGING ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			
6	107	MALE STAFF TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13B			
7	108	FEMALE STAFF CHANGING ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			
8	109	FEMALE STAFF TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13B			
9	104	CORRIDOR 1	3'-0"x7'-6" x 1-3/4"	PLM	B	HM 14A			*1-HR RATED DOOR ASSEMBLY
10	112	MALE PATIENT TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			*20 MIN. RATED DOOR ASSEMBLY
11	113	FEMALE PATIENT TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			*20 MIN. RATED DOOR ASSEMBLY
12	114	CORRIDOR 2	4'-0"x7'-6" x 1-3/4"	PLM	B	SC 20D			*20 MIN. / 4"x24" LITE / ELECTRIC OPENER
13	115	SUPPLY STORAGE	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. / WITH 4"x24" LITE
14	116	DIRTY ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. / WITH 4"x24" LITE
15	117	CLEAN ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. / WITH 4"x24" LITE
16	118	OPERATING ROOM 1	4'-0"x7'-6" x 1-3/4"	PLM	B	SC 20A			*20 MIN. / WITH 4"x24" LITE
17	119	OPERATING ROOM 2	4'-0"x7'-6" x 1-3/4"	PLM	B	SC 20A			*20 MIN. / WITH 4"x24" LITE
18	120	OPERATING ROOM 3	4'-0"x7'-6" x 1-3/4"	PLM	B	SC 20A			*20 MIN. / WITH 4"x24" LITE
19	122	MEDICAL GASES	3'-0"x7'-6" x 1-3/4"	PLM	B	HM 12A			1-HR RATED DOOR ASSEMBLY
20	123	DELIVERY STORAGE ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14A			
21	124	BIO. STORAGE	3'-0"x7'-6" x 1-3/4"	PLM	B	HM 12A			1-HR RATED DOOR ASSEMBLY
22	125	SOILED LINEN STORAGE	3'-0"x7'-6" x 1-3/4"	PLM	B	HM 14A			1-HR RATED DOOR ASSEMBLY
23	126	STERILE SUPPLY ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10B			
24	127	DICTATION ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14B			
25	114	CORRIDOR 2	4'-0"x7'-6" x 1-3/4"	PLM	B	SC 20D			*20 MIN. / WITH 4"x24" LITE
26	128	PATIENT TOILET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 13A			*20 MIN. RATED DOOR ASSEMBLY
27	130	RECOVERY AREA	4'-0"x7'-0"	GLS	A	(6A) X			*STORE FRONT
28	131	STORAGE ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. RATED DOOR ASSEMBLY
29	132	STORAGE CLOSET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. RATED DOOR ASSEMBLY
30	133	JANITOR'S CLOSET	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10A			*20 MIN. RATED DOOR ASSEMBLY
31	111	PRE OP AREA	4'-0"x7'-0" x 1-3/4"	PLM	B	SC (6A) X			*20 MIN. RATED DOOR ASSEMBLY
32	130	RECOVERY AREA	3'-0"x7'-6" x 1-3/4"	PLM	B	HM 10A			*1/2-HR. RATED DOOR ASSEMBLY
33	203	EXAM ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14B			
34	205	ADMINISTRATION AND BILLING	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 11C			
35	204	STAFF LUNCH ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14B			
36	206	MANAGER'S OFFICE	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 10B			
37	101	WAITING ROOM	3'-0"x7'-0"	GLS	A	(6A) X			STORE FRONT DOOR
38	101	WAITING ROOM	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 12A			REUSE EXISTING DOOR
39	134	CORRIDOR 3	3'-0"x7'-6" x 1-3/4"	PLM	C	SC 14A			*20 MIN RATED DOOR ASSEMBLY

DOOR SCHEDULE NOTES	
FINISH TYPE:	GLS - GLASS PLM - PLASTIC LAMINATE
FRAME TYPE:	A - STORE FRONT B - HOLLOW METAL C - TIMELY
CORE TYPE:	SC - SOLID CORE HM - HOLLOW METAL
NOTES:	*ALL DOOR FRAMES IN 1-HR CORRIDORS MUST BE ORDERED WITH 20 MIN. SMOKE GASKETS AS AN INTEGRAL PART OF THE FRAME. (SEE DOOR SCHEDULE)
	ALL OPERABLE WINDOW FRAMES IN 1-HR CORRIDOR MUST BE ORDERED WITH 20 MIN. SMOKE GASKETS AS AN INTEGRAL PART OF THE FRAME. GLAZING MUST BE 45 MIN. FIRE RATED.
	ALL DOORS IN EGRESS CORRIDORS MUST HAVE A DOOR SWING OF 180°
A	MENS HANDICAP WALL SIGN
B	WOMENS HANDICAP WALL SIGN
C	UNISEX HANDICAP WALL SIGN
D	MENS HANDICAP DOOR SIGN
E	WOMENS HANDICAP DOOR SIGN
F	UNISEX HANDICAP DOOR SIGN
G	EXIT
H	EXIT ROUTE
NOTE:	FOR HEIGHT INSTALL. SEE DETAIL 28/AS.1

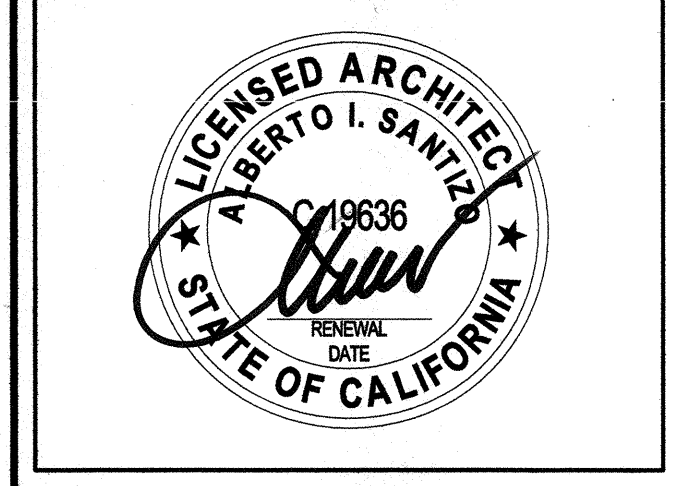
HARDWARE SETS	
SET #: 10A	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - OFFICE LOCK SG-00 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 10B	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - OFFICE LOCK SG-00 26D 1 - FLOOR STOP DSLP4 26D
SET #: 11C	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - CLASSROOM LOCK SG-03 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D 1 - 'SECURITRON' ELECTRICAL STRIKE UNL-24
SET #: 12A	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - STOREROOM LOCK SG-05 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 13A	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - PRIVACY LOCK SG-20 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 13B	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - PASSAGE SET SG-30 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 14A	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - PASSAGE SET SG-30 26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 14B	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - PASSAGE SET SG-30 26D 1 - FLOOR STOP DSLP4 26D

HARDWARE SETS	
SET #: 16A	3 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL OR PER DOOR COMP. REC. 1 - PANIC DEVICE FALRM 2200 E048 26D 1 - EXTERIOR LATCH GUARD (L-2) N 7/10/09
SET #: 16B	3 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL OR PER DOOR COMP. REC. 1 - PANIC DEVICE F 2200 E048 26D
SET #: 16C	3 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL OR PER DOOR COMP. REC. 1 - PANIC DEVICE FALRM 2200 E036 26D 1 - EXTERIOR LATCH GUARD
SET #: 20A	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STEEL 1 - 'SARGENT HOSPITAL LATCH (PUSH-PULL) SG-115P-TB-26D 1 - CLOSER CR-441 26D 1 - FLOOR STOP DSLP4 26D
SET #: 20D	4 - HINGES BBRC-45 R <sup>1</sup> / <sub>2</sub> " 4"X4" STAINLESS 1 - 'SARGENT HOSPITAL LATCH (PUSH-PULL) SG-115P-TB-26D 1 - FLOOR STOP DSLP4 26D 1 - 'SECURITRON' ELECTRICAL STRIKE UNL-24 1 - 'STANLEY MAGIC FORCE AUTO-OPERATOR
OTHER HARDWARE TYPE:	1 - PRIVACY 2 - PASSAGE 3 - KEY LOCK AR 4043, 4085, 4015, 4002, 185D 4 - P/P (PUSH/PULL) 5 - P/P (PUSH/PUSH ELECTRICAL) 6 - PANIC HARDWARE W/ KEY LOCK
NOTES:	ALL HARDWARE TO BE 'CAL-ROYAL' EXCEPT WHERE NOTED OTHERWISE ALL LOCKSETS TO BE 'CAL-ROYAL' CHALLENGER SERIES, ANSI GRADE 2, TUBULAR, LEVERSET - 26D FINISH, EXCEPT WHERE NOTED OTHERWISE 1" EXISTING EXTERIOR DOOR HARDWARE IS TO BE REUSED AND NOT COMPATIBLE WITH S.A.P.D SECURITY REQUIREMENTS.

KEY NOTES	
1	CHANGE SWING OF EXISTING DOOR
2	VACUUM PUMP (SEE PLUMBING DRAWINGS)
3	ELECTRIC 75 GAL. WATER HEATER
4	FLOOR SINK (SEE PLUMBING DRAWINGS)
5	PATIENT / STAFF LOCKERS
6	FLOOR DRAIN
7	EXISTING HSS COLUMN (SEE STRUCTURAL DRAWINGS)
8	WATER FOUNTAIN
9	1-HR RATED WALLS (PER CBC 2007 TABLE 720.1(2) ITEM 13-1.1) - DETAIL 10/A-5.1
10	1-HR RATED CEILING - DETAIL 9/A-5.1
11	CLINICAL SINK - DETAIL 20/A-5.1 (ALSO SEE PLUMBING DRAWINGS)
12	1/2" MAX. THRESHOLD
13	EXISTING DOOR
14	TENTATIVE ELECTRICAL SUB-PANEL LOCATIONS
15	FILE CABINETS
16	3-HR RATED WALL FOR OCCUPANCY SEPARATION (PER GYPSUM ASSOCIATION 18th EDITION GA-600-2006 - DETAIL 11/A-5.1)
17	EXISTING FIRE SPRINKLER RISER
18	EXISTING DOORS
19	AT EVERY ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL, THERE SHALL BE A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND FACILITIES AND SHALL COMPLY WITH THE REQUIREMENTS FOUND IN CBC SECTIONS 1117B.5 AND 1127B.3.
20	24" x 48" BENCH FIXED TO THE WALL MOUNTED 17" TO 19" MAX.
21	BLANKET WARMER MUST BE ANCHORED TO THE FLOOR
22	SCRUB SINKS
NOTE:	PROVIDE MECHANICAL VENTILATION IN ACCORDANCE WITH THE 2007 CMC.
	6" PLUMBING WALLS      3-FIRE RATED WALLS      1-FIRE RATED WALLS

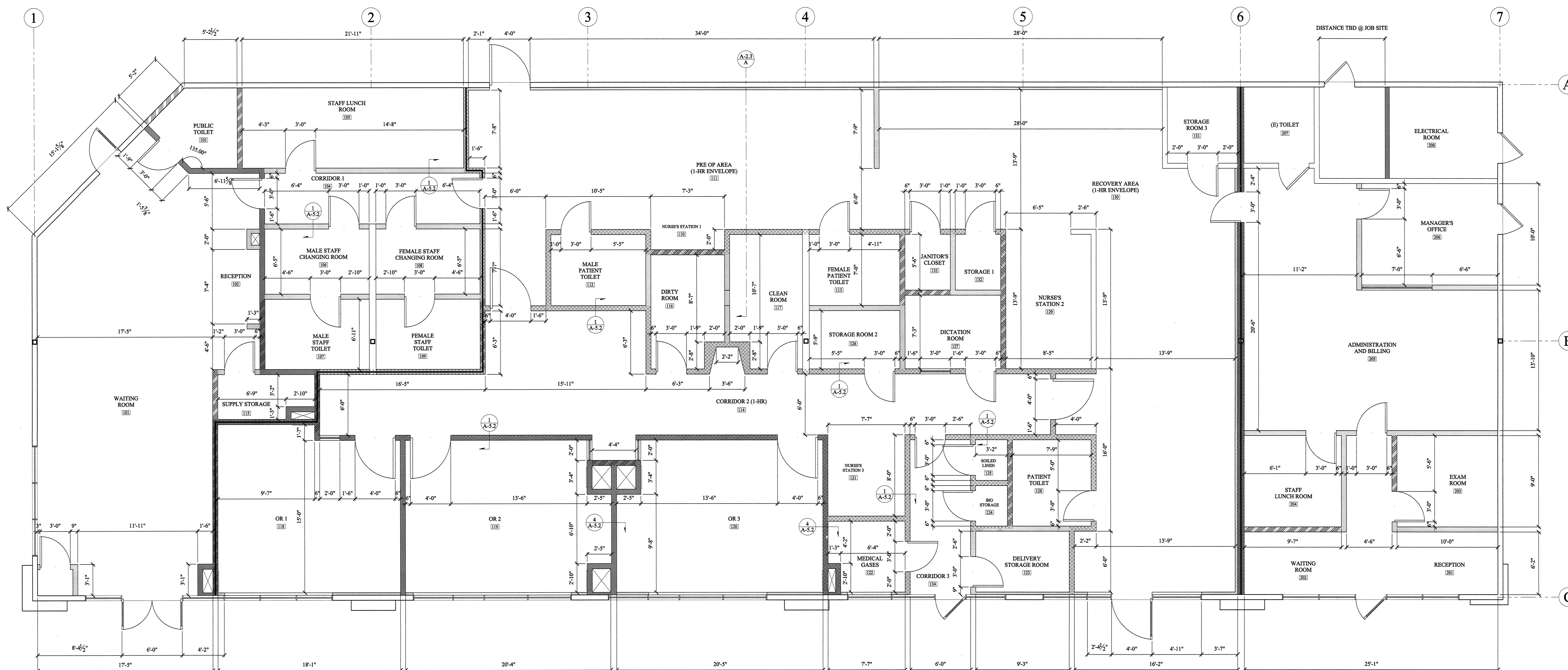
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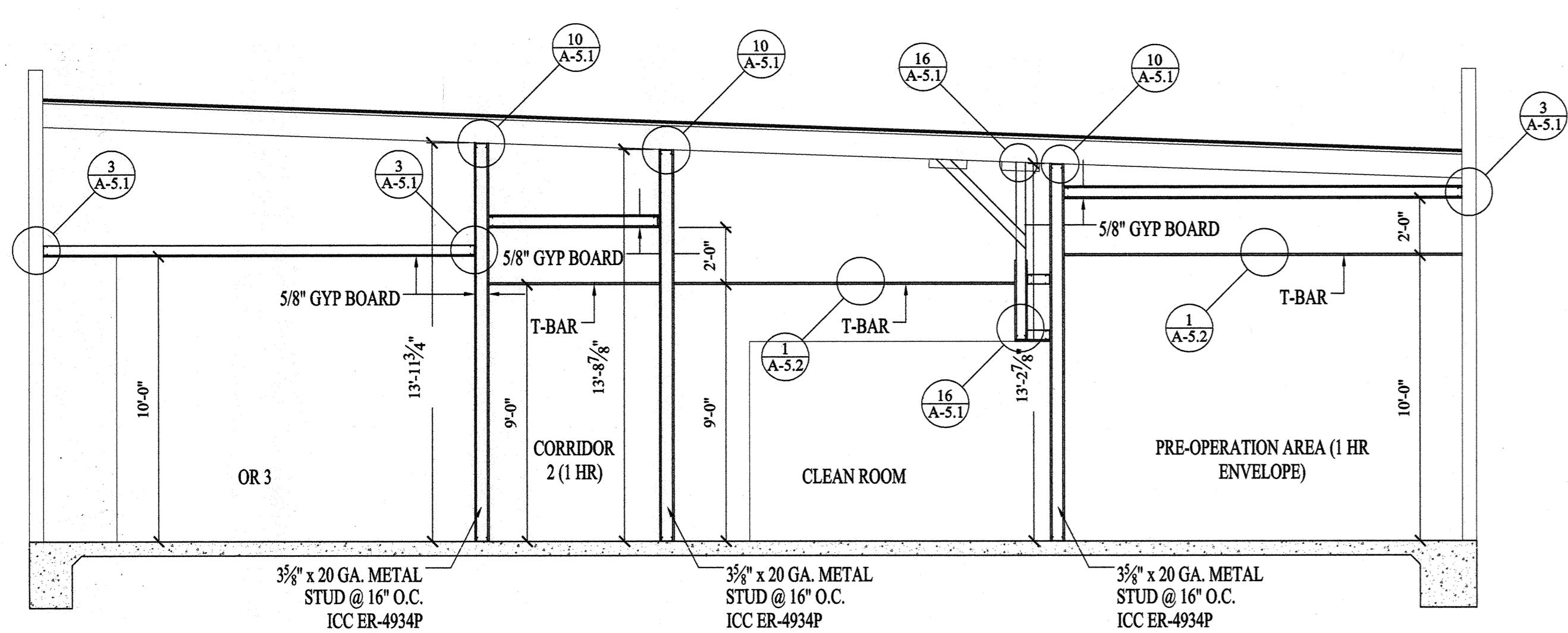


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WALL LAYOUT PLAN



SECTION "A"

WALL LEGEND

- NEW WALLS 11'-0" HIGH OR 6" ABOVE T-BAR CEILING (SEE A2.7 REFLECTIVE CEILING PLAN FOR CEILING HEIGHTS)
- NEW WALLS 14'-0"+
- EXISTING WALLS TO REMAIN
- FIRE RATED WALLS (FOR RATING SEE A-2.2)
- 6" PLUMBING WALLS

NOTE:

ALL EXTERIOR WALLS ARE EXISTING.  
 ALL WALLS TO BE 3/8" - 20GA. METAL STUDS AT 16" O.C. WITH 5/8" GYPBOARD EACH SIDE UNLESS NOTED OTHERWISE. ICC ER-4943P  
 ALL ROOM SIZE DIMENSIONS SHOWN ON THE FLOOR PLAN ARE FINISHED WALL TO FINISHED WALL. TAKE STUD AND DRYWALL SIZE INTO CONSIDERATION WHEN LAYING OUT WALLS.

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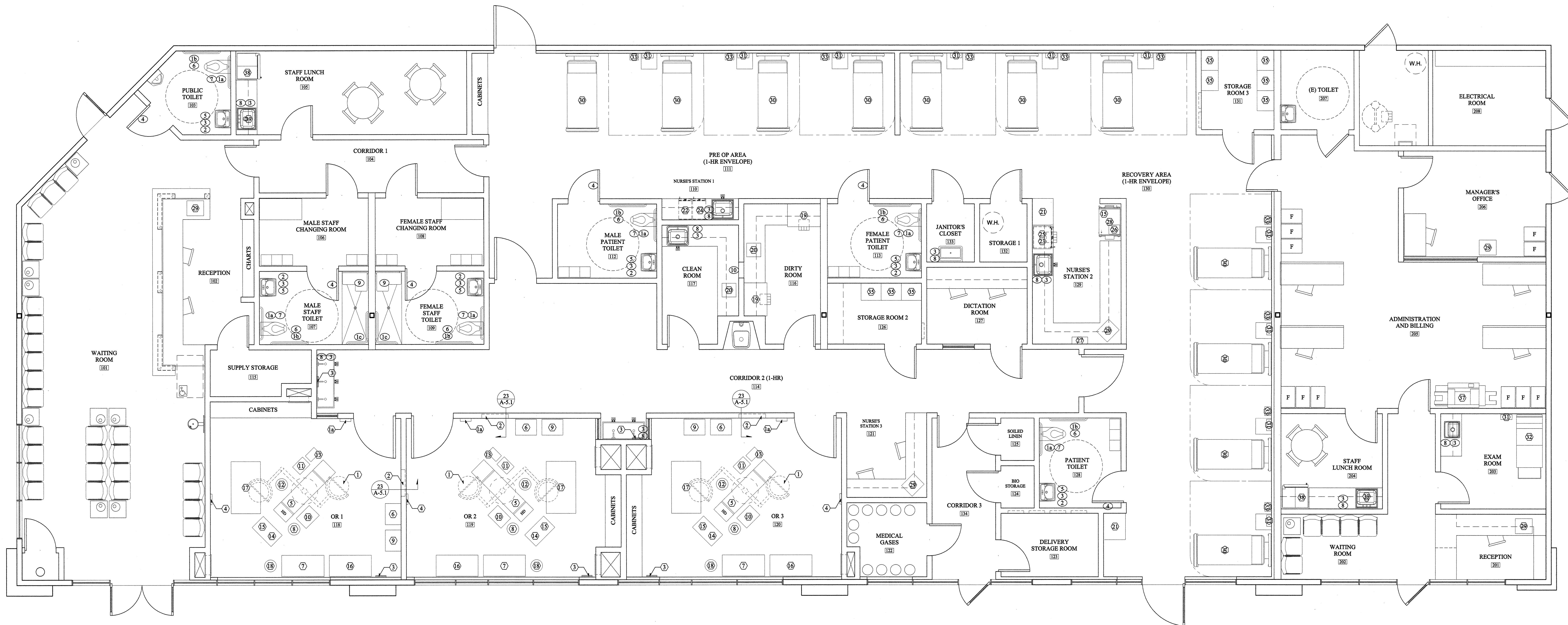
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WALL LAYOUT PLAN

10165806-07

SCALE	SHEET #
1/4" = 1'-0"	A-2.3
DATE	03/03/09
PROJECT #	09-101-A





EQUIPMENT PLAN

ACCESSORIES SCHEDULE

ITEM #	DESCRIPTION	DIMENSIONS			FINISH	MOUNTING (SEE DETAIL)	TASK	DETAIL	ROOM LOCATION NUMBER
		W	H	D					
1a	GRAB BAR 36" W/ SNAP FLANGE - BOBRICK	36"	1 1/2"	1 1/2"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
1b	GRAB BAR 42" W/ SNAP FLANGE - BOBRICK	42"	1 1/2"	1 1/2"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
1c	GRAB BAR (2 WALL) 97" W/ SNAP FLANGE - BOBRICK	97"	1 1/2"	1 1/2"	S.S.	SURF.		107 / 109	
2	PAPER TOWEL RECEPTACLE AND DISPENSER - BOBRICK	17 1/4"	5 6/8"	3 1/2"	S.S.	REC.		103 / 107 / 109 / 112 / 113 / 128	
3	SOAP DISPENSER - BOBRICK	7"	6 1/4"	3 1/2"	S.S.	SURF.		103 / 105 / 107 / 109-110 / 112-113 / 114 (2) / 116 / 128-129 / 133 / 203-204	
4	DOUBLE ROPE HOOK - BOBRICK	3 1/8"	2"	1 1/2"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
5	TILT MIRROR W/ S.S. FRAME - BOBRICK	18"	36"	4"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
6	DOUBLE ROLL TOILET TISSUE DISPENSER - BOBRICK	14 1/2"	2 1/2"	4 1/2"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
7	SEAT COVER DISPENSER - BOBRICK	15 1/2"	11 1/2"	2 1/2"	S.S.	SURF.		103 / 107 / 109 / 112 / 113 / 128	
8	PAPER TOWEL DISPENSER - BOBRICK	10 3/4"	13 1/2"	4 1/2"	S.S.	SURF.		105 / 110 / 114 (2) / 116 / 129 / 133 / 203 / 204	
9	FOLDING SHOWER SEAT W/ PADDED CUSHION - BOBRICK	32 1/2"	21 1/2"	22 1/2"	S.S.	SURF.		107 / 109	
10	SPECIMEN PASS THRU CABINET - PARAGON 8154	13 1/2"	12 1/2"	6"	S.S.	REC.		BETWEEN 116 / 117	

NOTE: SEE A-5.1 AND A-5.2 FOR EXACT LOCATION OF RESTROOM ACCESSORIES WITHIN EACH ROOM

- ACCESSORY NOTES:
- A. ALL ITEMS ARE 'BOBRICK' STAINLESS STEEL FINISH UNLESS NOTED OTHERWISE. SEE INTERIOR ELEVATIONS (A-4.1 AND A-4.2) FOR MOUNTING HEIGHTS OR MANUFACTURER'S RECOMMENDED HEIGHTS IF NOT SHOWN.
  - B. INSTALL BACKING PLATES AT ALL WALL-MOUNTED RAILINGS (SEE DETAIL 26/A-5.1), TOILET AND SERVICE ACCESSORIES.
  - C. ALL DRYWALL IN WET AREAS TO BE MOISTURE RESISTANT TYPE BEHIND AND WITHIN 24" ON SIDES ADJACENT TO ANY PLUMBING FIXTURE, INCLUDING SHOWER OR BATHTUB ENCLOSURES UNLESS PORTLAND CEMENT PANEL (TILE BACKER BOARD) IS SCHEDULED. MOISTURE RESISTANT BOARD IS NOT REQUIRED DIRECTLY BEHIND MONOLITHIC SHOWER / TUB UNITS.
  - D. ALL PARTITIONS SCHEDULED TO RECEIVE CERAMIC TILE MUST HAVE EITHER PORTLAND CEMENT PANEL (TILE BACKER BOARD) SPECIFICALLY MANUFACTURED FOR TILE APPLICATIONS OR MAY HAVE MOISTURE RESISTANT GYPSUM BOARD.
  - E. FIELD COORDINATE ALL FIELD ROUTED PIPE, CONDUIT RUNS, ETC., WITH LOCATIONS OF RECESSED ACCESSORIES AND EQUIPMENT. IN THE EVENT OF A CONFLICT, ACCESSORY LOCATIONS TAKE PRECEDENCE.
  - F. CLOSE ALL JOINTS BETWEEN PLUMBING FIXTURES / ACCESSORIES AND DISSIMILAR MATERIALS WITH SEALANT (I.E. BETWEEN SINKS AND COUNTERTOPS, TOILET FIXTURES AND ACCESSORIES TO WALL, ETC.
  - G. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE OBJECTS OR SURFACES UNDER LAVATORIES.
  - H. AT NOISE BARRIER PARTITIONS, SEAL PERIMETER AND PENETRATIONS AS PER PARTITION DETAILS, DRYWALL PARTITIONS WHICH INCLUDE SOUND INSULATION SHALL BE FULLY SEALED AS NOISE BARRIER.
  - I. PROVIDE MATCHING FILLER PIECES SCRIBED TO ABUTTING SURFACES WHERE CASEWORK IS INDICATED TO BE ABUTTING ADJACENT SURFACES OR DISSIMILAR MATERIALS.
  - J. LAMINATE ALL VISIBLE SURFACES OF CASEWORK, COUNTERTOPS, KNEE SPACES, PANELS, TOE BOARDS, ETC.
  - K. SCHEDULED ROOM VASE FINISH TO BE APPLIED CONTINUOUSLY AROUND ALL CASEWORK AND MILLWORK ITEMS INCLUDING KNEE SPACES, CASEWORK AND END PANELS, ETC.
  - L. ALL EXPOSED, OUTSIDE CORNERS OF CASEWORK TOPS ARE TO HAVE 2" RADIUS, UNLESS NOTED OTHERWISE.
  - M. PROVIDE LOCKS TO ALL UPPER CABINETS / CASEWORK PER OWNER'S REQUIREMENTS.

TASK NOTES

TASK:  
 O.F.O.I. - OWNER FURNISH, OWNER INSTALL  
 O.F.C.I. - OWNER FURNISH, CONTRACTOR INSTALL  
 C.F.C.I. - CONTRACTOR FURNISH, CONTRACTOR INSTALL

MINIMUM PLUMBING REQUIREMENTS

PER TABLE 4-1:  
 OCCUPANCY GROUP B: 2,809 / 200 = 14.05 = 14  
 OCCUPANCY GROUP I: 4,296 / 200 = 21.48 = 22  
 MALE: 18 (PATIENT 14 - EMPLOYEE 4)  
 FEMALE: 18 (PATIENT 14 - EMPLOYEE 4)

TYPE OF BUILDING:	MALE	FEMALE
INSTITUTIONAL	1	1
WATER CLOSETS:	1	0
URINALS:	1	0
LAVATORIES:	1	1
INSTITUTIONAL (EMPLOYEE)	1	1
WATER CLOSETS:	1	1
URINALS:	0	0
LAVATORIES:	1	1
SHOWERS:	1	1
PROFESSIONAL OFFICE (USE RETAIL)	1	1
WATER CLOSETS:	1	1
URINALS:	0	0
LAVATORIES:	1	1
DRINKING FOUNTAINS:	1	

PER TABLE 4-2:  
 OSH#3 (SURGERY CLINIC)  
 CLEAN-UP ROOM: 1-HAND WASH FIXTURE  
 OUTPATIENT CHANGING: 1-HAND WASH FIXTURE  
 1-TOILET  
 POST-ANESTHESIA RECOVERY: 1-HAND WASH FIXTURE  
 HOUSEKEEPING ROOM: 1-CLINIC SINK  
 NURSES' CONTROL AREA: 1-HAND WASH FIXTURE  
 STAFF CLOTHING AREA:  
 MALE: 1-HAND WASH FIXTURE  
 1-TOILET  
 FEMALE: 1-HAND WASH FIXTURE  
 1-TOILET

EQUIPMENT SCHEDULE

ITEM NUMBER	DESCRIPTION	DIMENSIONS (wxdh)	POWER REQ.	TASK (O.F.O.I./O.F.C.I./C.F.C.I.)	DETAIL	ROOM LOCATION NAME	ROOM NUMBER
1	SURGICAL LIGHT AMSCO / STERIS SQ 240	12 3/4" x 3 1/2" x 12 3/4"	120V / 420W			OPERATING ROOM 1 / 2 / 3	118,119,120
1a	SURGICAL LIGHT SWITCH - AMSCO / STERIS SQ240 VIC RECESSED	12 3/4" x 3 1/2" x 12 3/4"	110V / 385W			OPERATING ROOM 1 / 2 / 3	118,119,120
2	FILM ILLUMINATOR - CARR 2ER-3P RECESSED	30 1/4" x 4 1/2" x 40 1/2"	115V / 184W			OPERATING ROOM 1 / 2 / 3	118,119,120
3	WALL CLOCK - BATTERY OPERATED		BATTERY			OPERATING ROOM 1 / 2 / 3	118,119,120
4	STAT CLOCK - GRAHAM FIELD		BATTERY			OPERATING ROOM 1 / 2 / 3	118,119,120
5	SURGERY TABLE - AMSCO 3080	98 1/2" x 30" x 41"	HYDRAULIC			OPERATING ROOM 1 / 2 / 3	118,119,120
6	ELECTROSURGICAL UNIT - VALLEYLAB					OPERATING ROOM 1 / 2 / 3	118,119,120
7	INSTRUMENT TABLE - PEDIGO S082SS	16" x 20" x 34"				OPERATING ROOM 1 / 2 / 3	118,119,120
8	KICKBUCKET - PEDIGO P1020SS	13 1/2" dia. x 14"				OPERATING ROOM 1 / 2 / 3	118,119,120
9	LINEN HAMPER - PEDIGO P120 W/ Lid	20" x 25" x 62"				OPERATING ROOM 1 / 2 / 3	118,119,120
10	MAYO STAND - PEDIGO P1065SS	12" x 16" x 8 1/2"				OPERATING ROOM 1 / 2 / 3	118,119,120
11	STEP STOOL - PEDIGO P10	16" dia.				OPERATING ROOM 1 / 2 / 3	118,119,120
12	PHYSICIAN STOOL - PEDIGO P6000	16" dia.				OPERATING ROOM 1 / 2 / 3	118,119,120
13	MONITOR (CO2, SPO2) - WELCH ALLYN ATLAS	13.8" x 9.1" x 9.8"	120V / 50.5W			OPERATING ROOM 1 / 2 / 3	118,119,120
14	ANESTHESIA CART - PEDIGO 4 DRAWER P1105SS	19 1/2" x 15 1/2" x 33 1/2"				OPERATING ROOM 1 / 2 / 3	118,119,120
15	PORTABLE SUCTION - SCHUCO ASPIRATOR		120V / 408W			OPERATING ROOM 1 / 2 / 3	118,119,120
16	WIRE SHELVING - METRO	48" x 24" x 34"				OPERATING ROOM 1 / 2 / 3	118,119,120
17	ANESTHESIA MACHINE - NARKOMED 2	59" x 33.5"	110-220V-4 / 13AMP			OPERATING ROOM 1 / 2 / 3	118,119,120
18	L.V. POLES - PEDIGO P1072-2	18" x 8" x 30"				OPERATING ROOM 1 / 2 / 3	118,119,120
19	STEAM STERILIZER - AMSCO CENTURY MEDIUM STEAM	26" x 37.5"	110-220V/240W/C.W. 3 PHASE-1440W			CLEAN ROOM	117
20	ULTRASONIC CLEANER - MIDMARK M250	15.5" x 16" x 14.5"	115V / 135 WATTS			DIRTY ROOM / CLEAN ROOM	116,117
21	WARMING CABINET - SCIENTEK	30" x 24" x 74"	120V / 1200 WATTS			NURSE STATION 2 / RECOVERY AREA	129,130
22	UNDERCOUNTER REFRIGERATOR - U-LINE 2115R	14 1/2" x 23 1/2" x 33 1/2"	115V / 276W			NURSE STATION 1	129
23	UNDERCOUNTER REFRIGERATOR - U-LINE 1175R	23 1/2" x 23 1/2" x 33 1/2"	115V / 276W			NURSE STATION 2	129
24	UNDERCOUNTER ICE MAKER - U-LINE B12115	14 1/2" x 23 1/2" x 33 1/2"	115V / 276W / C.W.			NURSE STATION 1	110
25	COUNTER TOP ICE MAKER - SCOTSMAN MDT525 AS	26" x 20 1/2" x 41"	115V / 2070W / C.W.			NURSE STATION 2	129
26	DEFIBRILLATOR - CARDIAC SCIENCE PRO 9300P-501	10.6" x 12.4" x 3.3"	BATTERY			NURSE STATION 2	129
27	NARCOTIC CABINET - PARAGON 3821MSS	18" x 8" x 30"				NURSE STATION 2	129
28	CRASH CART - WATERLOO 5 DRAWER UTRLU-43336P	31.5" x 24.25" x 43.25"	115V / 408W			NURSE STATION 2	129
29	PRINTER / FAX / COPIER - CANON PIXMA MX860	19.4" x 17.1" x 8.9"	115V /			NURSE STATION 2 & 3	102,121,129,201
30	STRETCHER - STRYKER SM204	83" x 30" x 36"				PRE OP AREA / RECOVERY AREA	111,130
31	HAZARD / SHARP CONTAINER - KENDALL 8556H	13" x 5.5" x 24.25"	120V / 1200W			PRE OP / RECOVERY / EXAM ROOM	111,130,203
32	EXAM TABLE - BREWER	28" x 71" x 32"	120V / 1200W			EXAM ROOM	203
33	MONITOR PHYSIOLOGICAL - WELCH ALLYN VITAL SIGNS 300	10" x 6" x 6"	120V / 6W			PRE OP AREA / RECOVERY AREA	111,130
34	C-ARM - GE OEC 9900 ELITE		220V / 2200W			CORRIDOR 2	114
35	CO / STRUC CABINETS - HERMAN MILLER CO570	22 1/2" x 19 1/2" x 66 1/2"				STORAGE ROOM 2 / 3	126,131
36	WHEEL CHAIR					RECOVERY AREA	130
37	COPY MACHINE - CANON IMAGE RUNNER 2022	29 1/2" x 24 1/2" x 26 1/2"	120V / 552W / AC			ADMINISTRATION AND BILLING	205
38	REFRIGERATOR - GE GTK181CXB5	29 1/2" x 32 1/2" x 66 1/2"	120V / 1800W			STAFF LUNCH ROOM	105
39	GARBAGE DISPOSAL - GE GFB760F		120V / 720W			STAFF LUNCH ROOM	105

10165806-07

MARK	DATE	REVISION / ISSUE
1	05/07/09	CITY CORRECTIONS
2	06/15/09	CITY CORRECTIONS
3	07/08/09	CITY CORRECTIONS

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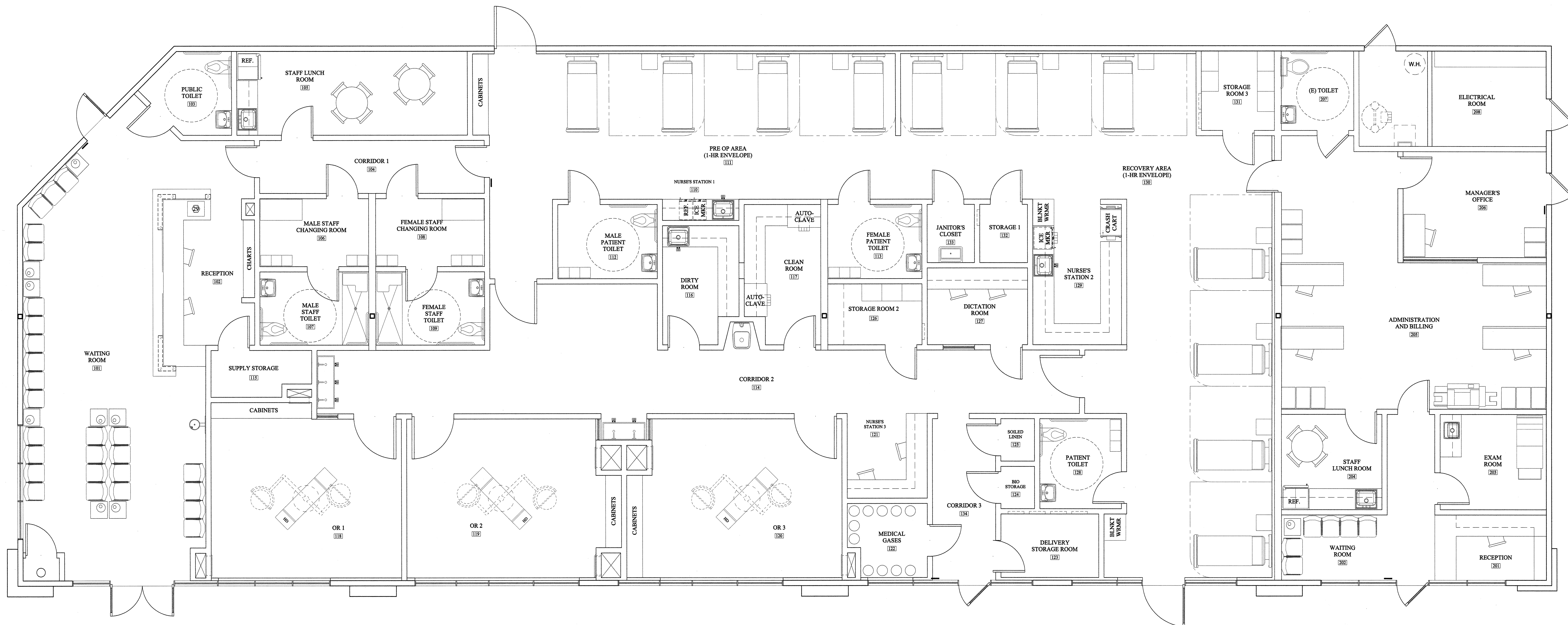


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EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"	SHEET #:
DATE: 03/03/09	A-2.4
PROJECT: 09-101-A	OF SHEET

BRISTOL CLINIC AND SURGERY CENTER  
 3200 SOUTH BRISTOL STREET  
 SANTA ANA, CALIFORNIA 92704



FINISHES PLAN

FINISHES SCHEDULE

FLOOR COVERING	
CPT-1	MANNINGTON DIALOGUE, BUTTERSCOTCH (20OZ.)
CPT-2	MANNINGTON BELVEDERE IV; MYRIAD (32OZ.)
CT-1	DALTILE VITRESTONE SELECT: ALMOND VS04 (8x8) - FIELD
CT-2	DALTILE VITRESTONE SELECT: GREEN GRANITE VS14 (8x8)
SV-1	ARMSTRONG MEDITEC - HEAT WELDED
SV-2	ARMSTRONG MEDITEC - HEAT WELDED
ST-1	STONE FLOOR 34"x34" TILE - BY OWNER
VCT-1	MANNINGTON: 123 WHEAT
VCT-2	MANNINGTON: 125 SILVER PINE
VCT-3	MANNINGTON: 107 BISQUE

WALL FINISH	
CT-2	DALTILE VITRESTONE SELECT: GREEN GRANITE VS14 (8x8)
P-1	SHERWIN WILLIAMS: SW6114 BAGEL
P-2	SHERWIN WILLIAMS: SW6105 DIVINE WHITE
P-3	SHERWIN WILLIAMS: SW6106 KILIM BEIGE
W-1	WAINSCOT: C/S ACROVYN: 521 SPANISH MOSS
W-2	WAINSCOT: C/S ACROVYN: 103 BEIGE

CEILING FINISH	
ACT-1	ARMSTRONG FINE FISSURED ANGLED REGULAR: WHITE
GB-1	GYPSUM BOARD VINYL LINED TILE
GB-2	GYPSUM BOARD - PAINTED

WALL GUARD / CORNER GUARD	
WG-1	WALL GUARD: WOOD STAINED TO MATCH PL-1 FUSION MAPLE
WG-2	WALL GUARD: C/S ACROVYN 103 BEIGE - 6"
CG-1	CORNER GUARD: C/S ACROVYN 103 BEIGE - 4'-0"

BASE FINISH	
B1	BURKE MERCER: 503 GINGER - 4"
B2	ARMSTRONG: 06 OLIVINE - 4"
SV-1	6" SHEET VINYL INTEGRAL COVERED IN OR'S
SV-2	4" SHEET VINYL INTEGRAL COVERED
WB-1	6" WOOD BASE - PAINTED

BLINDS / CURTAINS	
BD-1	VERTICAL BLINDS: VYNIL WHITE
CC-1	CUBICLE CURTAIN: ARCHITEX PRIVACY CURTAINS

FINISH SCHEDULE

ROOM #	ROOM LOCATION	FLOOR COVERING	WALL FINISH	CEILING FINISH	WALL GUARD / CORNER GUARD	BASE FINISH	BLINDS / CURTAINS	REMARKS
101	WAITING ROOM	ST-1	P-2	GB-2	WG-1	WB-1	BD-1	
102	RECEPTION	CPT-1	P-1	GB-2	N/A	WB-1	N/A	
103	PUBLIC TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
104	CORRIDOR 1	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
105	STAFF LUNCH ROOM	VCT-1 / VCT-3	P-1	ACT-1	N/A	B-1	N/A	PATTERN TO BE DETERMINE
106	MALE STAFF CHANGING ROOM	CT-1	P-3	ACT-1	N/A	N/A	N/A	COVE TILE
107	MALE STAFF TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
108	FEMALE STAFF CHANGING ROOM	CT-1	P-3	ACT-1	N/A	N/A	N/A	COVE TILE
109	FEMALE STAFF TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
111	PRE-OP AREA	SV-2	P-2	ACT-1	WG-2 / CG-1	SV-2	CC-1	
112	MALE PATIENT TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
113	FEMALE PATIENT TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
114	CORRIDOR 2	SV-2	P-2	GB-1	WG-2 / CG-1	SV-2	N/A	
115	SUPPLY STORAGE	CPT-1	P-1	ACT-1	N/A	WB-1	N/A	
116	DIRTY ROOM	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
117	CLEAN ROOM	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
118	OPERATING ROOM 1	SV-1	P-2	GB-2	WG-2 / CG-1	SV-1	N/A	
119	OPERATING ROOM 2	SV-1	P-2	GB-2	WG-2 / CG-1	SV-1	N/A	
120	OPERATING ROOM 3	SV-1	P-2	GB-2	WG-2 / CG-1	SV-1	N/A	
121	NURSE'S STATION 3	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
122	MEDICAL GASES	VCT-1	P-2	GB-2	N/A	B-1	N/A	1-HR CEILING AND WALL ENCLOSURE
123	DELIVERY STORAGE ROOM	VCT-1	P-2	ACT-1	N/A	B-1	N/A	
124	BIO. STORAGE	VCT-1	P-2	ACT-1	N/A	B-1	N/A	
125	SOILED LINEN	VCT-1	P-2	ACT-1	N/A	B-1	N/A	
126	STORAGE ROOM 2	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
127	DICTATION ROOM	CPT-2	P-1	ACT-1	N/A	N/A	N/A	
128	PATIENT TOILET	CT-1	CT-2 / P-3	GB-2	N/A	N/A	N/A	COVE TILE / 4'-0" WAINSCOT
130	RECOVERY AREA	SV-2	P-2	ACT-1	WG-2 / CG-1	SV-2	CC-1	
131	STORAGE ROOM 3	SV-2	P-2	N/A	N/A	SV-2	N/A	EXISTING CEILING
132	STORAGE ROOM 1	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
133	JANITOR'S CLOSET	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
134	CORRIDOR 3	SV-2	P-2	ACT-1	N/A	SV-2	N/A	
201	RECEPTION	CPT-1	P-3	ACT-1	N/A	B-2	BD-1	
202	WAITING ROOM	CPT-1	P-3	ACT-1	N/A	B-2	BD-1	
203	EXAM ROOM	VCT-1	P-2	ACT-1	N/A	B-1	N/A	
204	STAFF LUNCH ROOM	VCT-1	P-2	ACT-1	N/A	B-1	N/A	
205	ADMINISTRATION AND BILLING	CPT-1	P-3	ACT-1	N/A	B-1	N/A	
206	MANAGER'S OFFICE	CPT-1	P-3	ACT-1	N/A	B-1	N/A	

NOTES

- FINISHING NOTES:
- ALL FLOOR FINISH CHANGES TO OCCUR AT CENTER OF DOOR.
  - ALL GYPSUM BOARD WALLS PAINT WITH LOW-GLOW EXCEPT IN SOILED, CLEAN UP, SPECIAL PROCEDURES, LAB AND JANITOR WHICH RECEIVE ENAMEL SEMI GLOSS PAINT.
  - ALL GYPSUM BOARD CEILINGS IN WET AREAS PAINT TO BE LOW-GLOW FINISH.
  - ALL GYPSUM BOARD CEILINGS TO BE PAINTED P-2 UNLESS NOTED OTHERWISE (U.N.O.)
  - ALL PAINT SUBMITTALS TO BE APPROVED PRIOR TO INSTALLATION.
  - CORNER GUARD TO BE ACROWYN INTERIORS (IF USED).
  - GROUT FOR TOILET ROOMS TO BE SELECTED FROM MANUFACTURER STANDARD COLOR SAMPLES.
  - DOORS TO BE STAINED TO MATCH PL-1
  - DOOR AND INTERIOR WINDOW FRAMES TO BE TIMELY TA28 (FINISH - ALLUNATONE SC108).
  - PROVIDE KOESTER VAP 2000 CONCRETE SEAL TO AREAS WITH VCT AND SHEET VINYL FINISH.
  - VERIFY FLOOR PATTERN AND COLOR FINISH BEFORE INSTALLATION.
  - PROVIDE 3" Ø GROMMETS AS REQUIRED AND WHERE SHOWN.
  - ALL INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH CBC SECTION 803 AND CBC TABLE 803.5
  - INTERIOR FLOOR FINISHES SHALL COMPLY WITH CBC SECTION 804

DATE	REVISION / ISSUE
05/07/09	CITY CORRECTIONS
06/15/09	CITY CORRECTIONS
07/08/09	CITY CORRECTIONS

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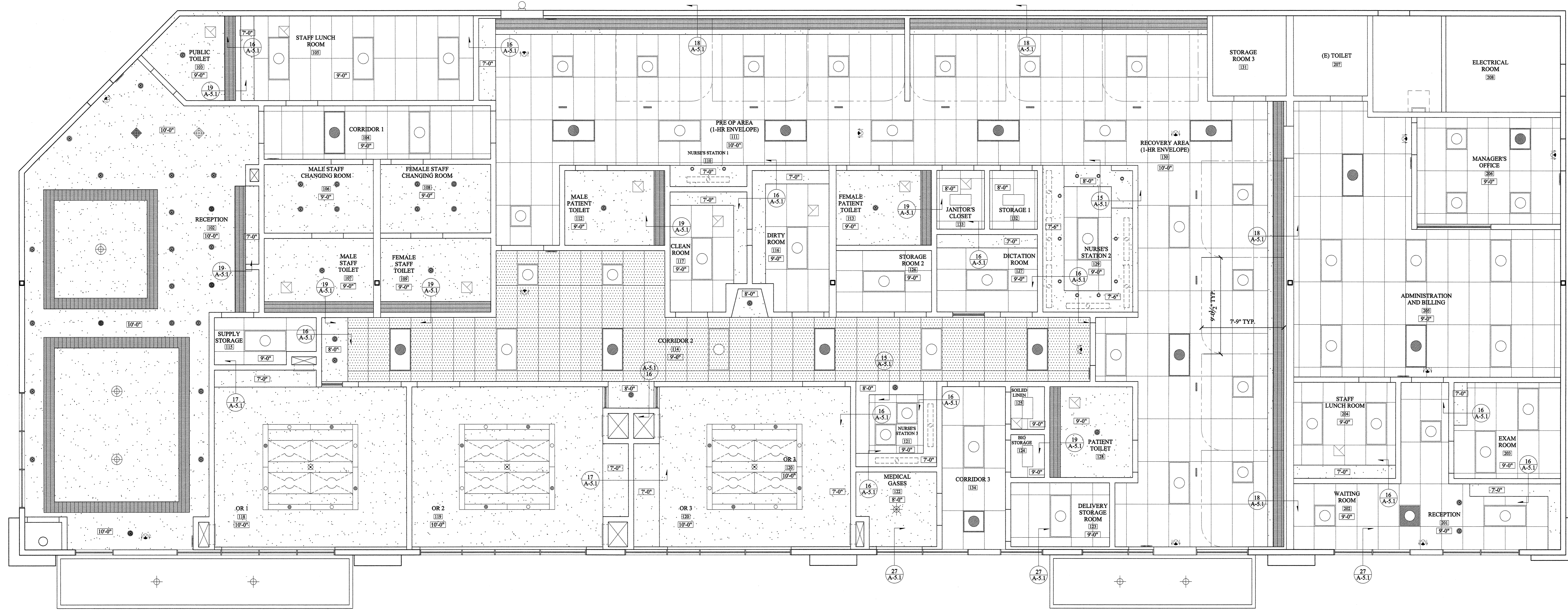


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FINISHES PLAN

10165B06-07

SCALE	SHEET #
1/4" = 1'-0"	A-2.5
DATE: 03/03/09	PROJECT #
09-101-A	OF SHEET



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

KEY NOTES	
	2x2 RECESSED LIGHT FIXTURE
	2x4 RECESSED LIGHT FIXTURE
	SEALED SURGICAL LIGHTS
	EMERGENCY SEALED SURGICAL LIGHTS
	UNDERCOUNTER LIGHTS
	4" RECESSED DOWNLIGHT - LOW VOLTAGE
	7" RECESSED DOWNLIGHT - LOW VOLTAGE
	SURGERY LIGHT (INSTALLED BY LGHT. MECH.)
	SEMI FLUSH LIGHT FIXTURE
	CHANDELIER LIGHT
	CEILING "EXIT" SIGN (SELF-LUMINOUS)
	FLOOR LEVEL "EXIT" SIGN (SELF-LUMINOUS) DETAIL 29/ A-5.2
	SURFACE MOUNTED LIGHT EXPLOSION PROOF (WITH SWITCH OUTSIDE)
	1x2 SURFACE MOUNTED FLOURECENT LIGHT
	1/2 x 1/2 PARABOLIC DIFFUSER
	CANOPY LIGHT
	T-BAR CEILING TILE
	T-BAR VINYL LINED TILE
	DRYWALL
	1x1 EXHAUST FAN
	SUPPLY DIFFUSER
	EMERGENCY LIGHTS
	CEILING HEIGHT
	CURTAIN AND TRACK
	NURSE CALL LIGHT

REFLECTIVE CEILING PLAN AND FIRE / LIFE SAFETY GENERAL NOTES

A. FOR SUSPENDED CEILING AND SUSPENDED CEILING ATTACHMENT SEE ARCHITECTURAL DETAIL SHEETS. A-5.2

B. HVAC REGISTERS AND FIRE SPRINKLERS NOT SHOWN ON THIS PLAN. REFER TO MECHANICAL ENGINEERING DRAWINGS AND FIRE SPRINKLER DRAWINGS TO BE UNDER SEPARATE PERMIT. PROVIDE SHOP DRAWINGS FOR REVIEW BY ARCHITECT FOR LOCATIONS.

C. MILL WORK AND PLUMBING LOCATIONS SHOWN ON THIS DRAWING ARE FOR REFERENCE ONLY.

D. SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL FIRE / LIFE SAFETY WORK.

E. SPRINKLER HEADS SHALL BE CONCEALED WHERE GYPSUM BOARD CEILING OCCURS.

F. SPRINKLER HEADS SHALL BE SEMI-RECESSED WHERE T-BAR CEILING OCCURS.

G. SPRINKLER HEADS ARE TO BE EXPOSED WHERE THERE IS NO DROPPED CEILING.

H. UNDER CABINET LIGHTING SHALL BE CONTINUOUS FOR THE ENTIRE LENGTH OF CABINET.

I. ALL MEASUREMENTS TO BE VERIFIED ON THE FIELD.

J. ALL STERILIZERS AND AUTOCLAVES, EXCEPT SMALL INSTRUMENT STERILIZERS WHICH EMIT STEAM EXHAUST, SHALL BE VENTED TO THE OUTSIDE OF THE BUILDING. SUCH VENTS SHALL BE INDEPENDENT FROM THE PLUMBING SYSTEM.

K. PROVIDE LIGHTED EXIT SIGNS PER 1003.2.8.6, 1003.2.8.6.1, AND 1117B.5.1 CBC.

L. PROVIDE FLOOR LEVEL EXIT SIGNS PER 1007.5.13 CBC.

M. CEILING ACCESS PANELS SIZES TO BE VERIFIED AT ALL ROOMS (STANDARD STEEL TYPE).

N. ALL WALLS SHALL BE SOUND BATT INSULATED. R-11.

O. ALL CEILING HEIGHTS TO BE INSTALLED AS NOTED ON THE REFLECTIVE CEILING PLANS.

P. CEILING PANELS TO BE 2' X 2' X 3/4" ANGLED REGULAR BY ARMSTRONG #9767 CLASS "A" FIRE-RETARDANT, NOISE REDUCTION: 0.55, ATTENTION CLASS 35, LIGHT REFLECTION 0.80, FLAME SPREAD RATE CLASS "A".

Q. SUSPENDED CEILINGS SHALL COMPLY WITH UBC TABLES 25A & 16-0.

R. PROVIDE CHICAGO METALLIC USG OR ARMSTRONG STANDARD EXPOSED GRID SYSTEM CEILING 2X4 COLOR ON COLOR WHITE.

S. IF SPECIFIED ON DRAWINGS, PROVIDE CEILING MOUNTED CUBICAL CURTAIN TRACK (SUPPORTING AS NECESSARY)

T. ALL ROOMS TO HAVE INDEPENDENT CEILING GRID SYSTEMS.

U. BRACING WIRES SECURED TO MAIN RUNNERS WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90° FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45° FROM THE PLANS OF THE CEILING.

V. FOR ROOMS IN SPAN IN EITHER DIRECTION LESS THAN 25'; MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED TO THE PERIMETER OF THE TWO ADJACENT WALLS WITH 3/8" CLEARANCE BETWEEN RUNNERS AND THE OTHER TWO WALLS. WHERE SPAN OF THE CEILING SYSTEM BETWEEN WALLS EXCEEDS 25', IN BOTH DIRECTIONS, A MINIMUM WALL ANGLE OF AT LEAST 2° HORIZONTAL LEG SHALL BE USED AT PERIMETER WALLS AND INTERIOR FULL HEIGHT PARTITION. THE FIRST TILE SHALL BE 3/4" CLEAR FROM WALL SURFACE.

W. WHEN THE DISTANCE BETWEEN THE STRUCTURAL DECK AND THE CEILING EXCEEDS 4', THE SPACING OF THE VERTICAL HANGERS SHALL NOT EXCEED 2' O.C. ALONG THE ENTIRE LENGTH OF THE MEANS OF EGRESS SERVING AN OCCUPANT LOAD OF 30 OR MORE, AND AT LOBBIES ACCESSORY TO GROUP OCCUPANCIES.

X. WIRES TO BE TIED BY FOUR TURNS WITHIN 1/2" OF MAIN RUNNER. PERIMETER WIRES TO BE INSTALLED WITHIN 8" OF ALL WALLS.

NOTE: ARTIFICIAL LIGHT SHALL BE PROVIDED THAT IS ADEQUATE TO PROVIDE AN AVERAGE ILLUMINATION OF 10 FOOT-CANDLES (107 LUX) OVER THE AREA OF THE ROOM AT A HEIGHT OF 30 INCHES ABOVE THE FLOOR LEVEL.

MARK	DATE	REVISION / ISSUE
1	05/07/09	CITY CORRECTIONS
2	06/15/09	CITY CORRECTIONS
3	07/08/09	CITY CORRECTIONS

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REFLECTIVE CEILING PLAN

SCALE: 1/4" = 1'-0"	SHEET #:
DATE: 03/03/09	A-2.6
PROJECT: 09-101-A	OF SHEET

1065806-07



WEST (FRONT) ELEVATION  
SCALE: 1/4" = 1'-0"



EAST (REAR) ELEVATION  
SCALE: 1/4" = 1'-0"



NORTH (SIDE) ELEVATION  
SCALE: 1/4" = 1'-0"

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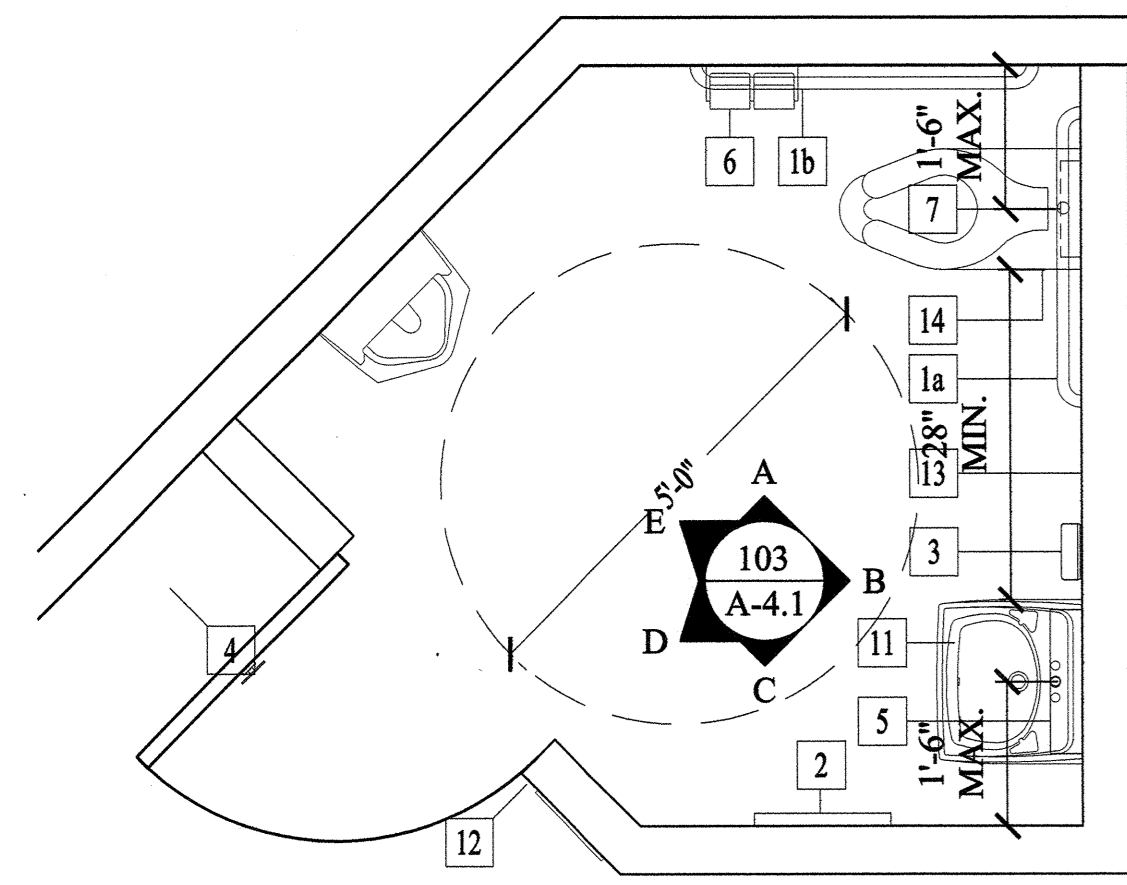


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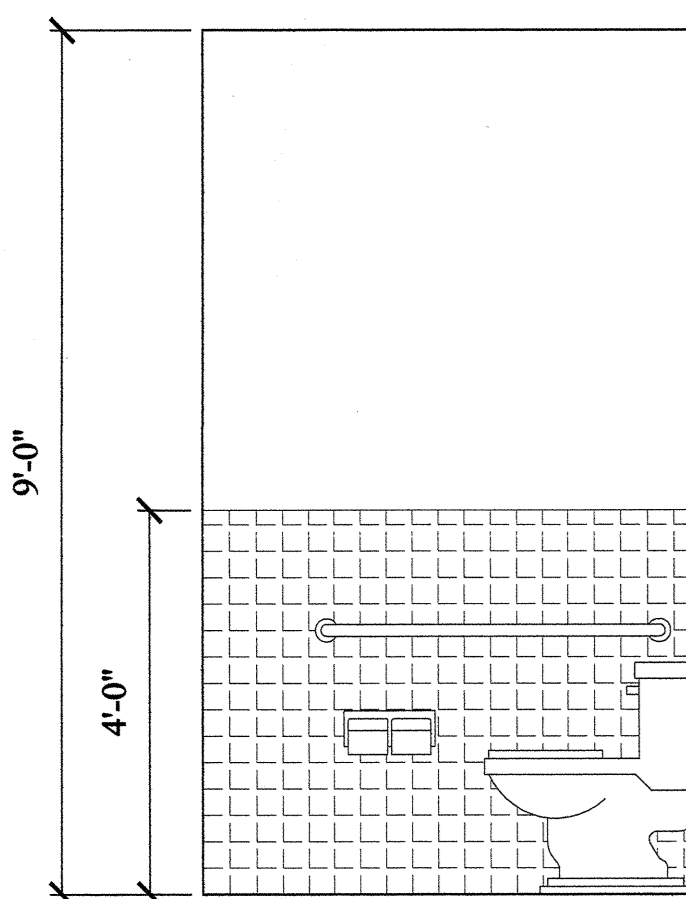
ELEVATIONS

SCALE	SHEET #
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09-101-A	OF 0027

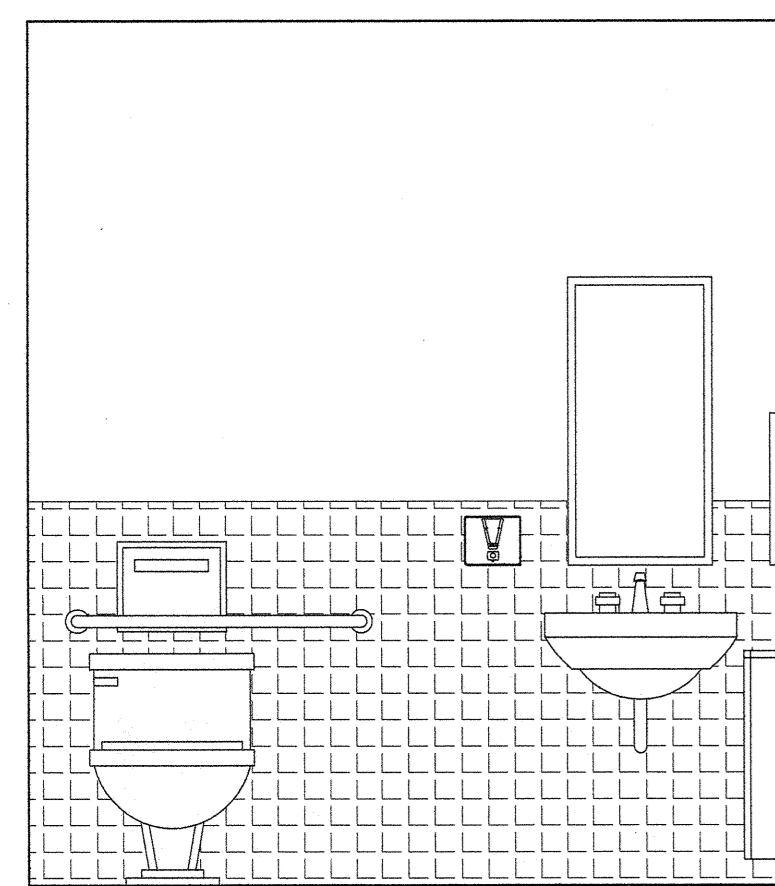
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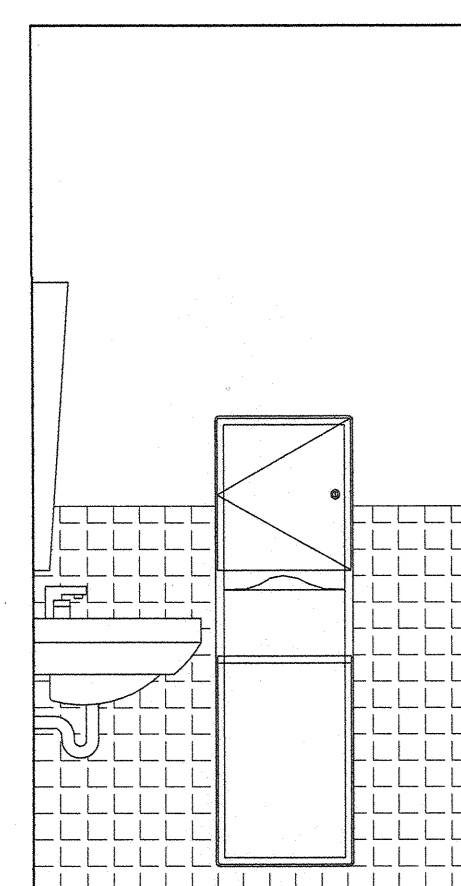
PATIENT'S TOILET -103- PLAN  
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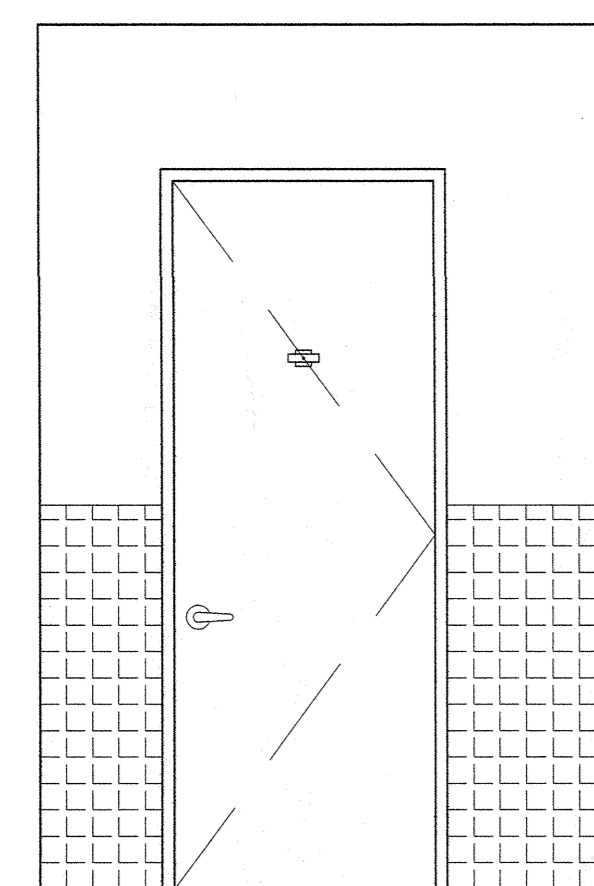
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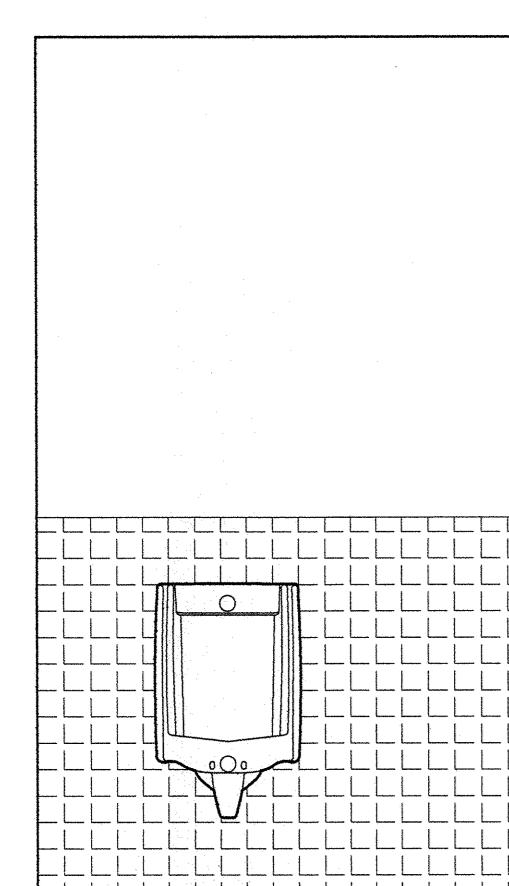
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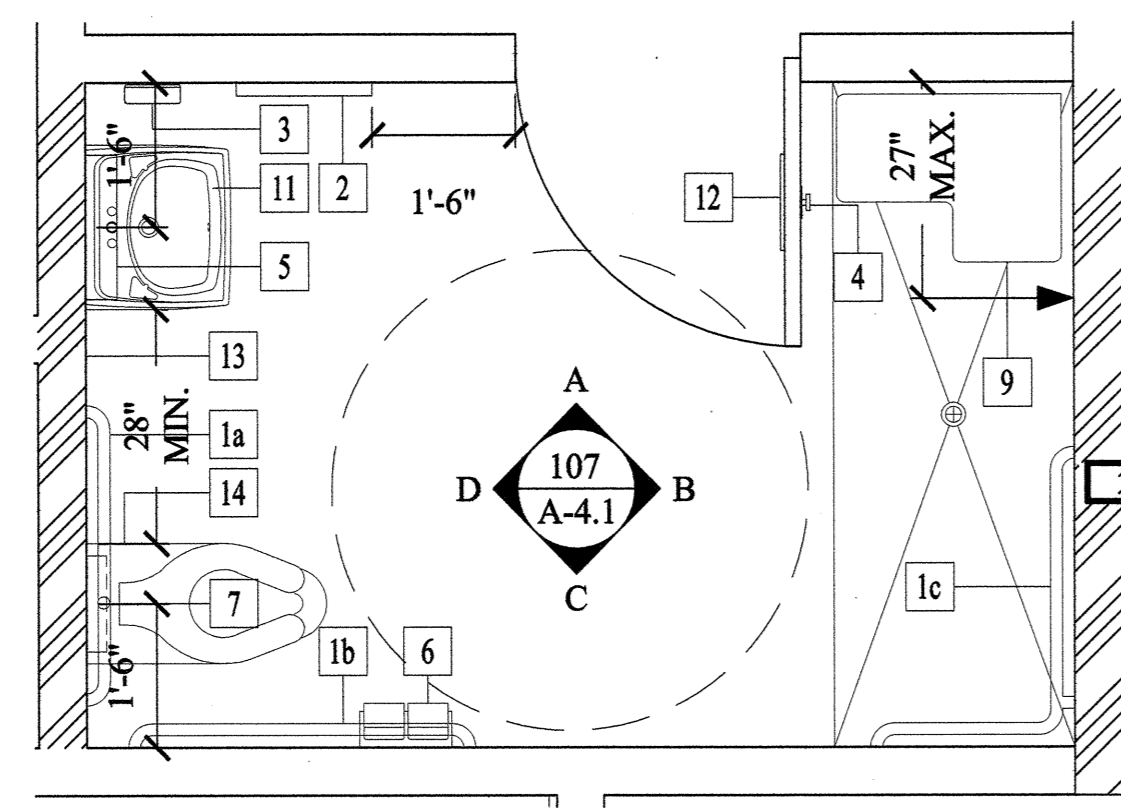
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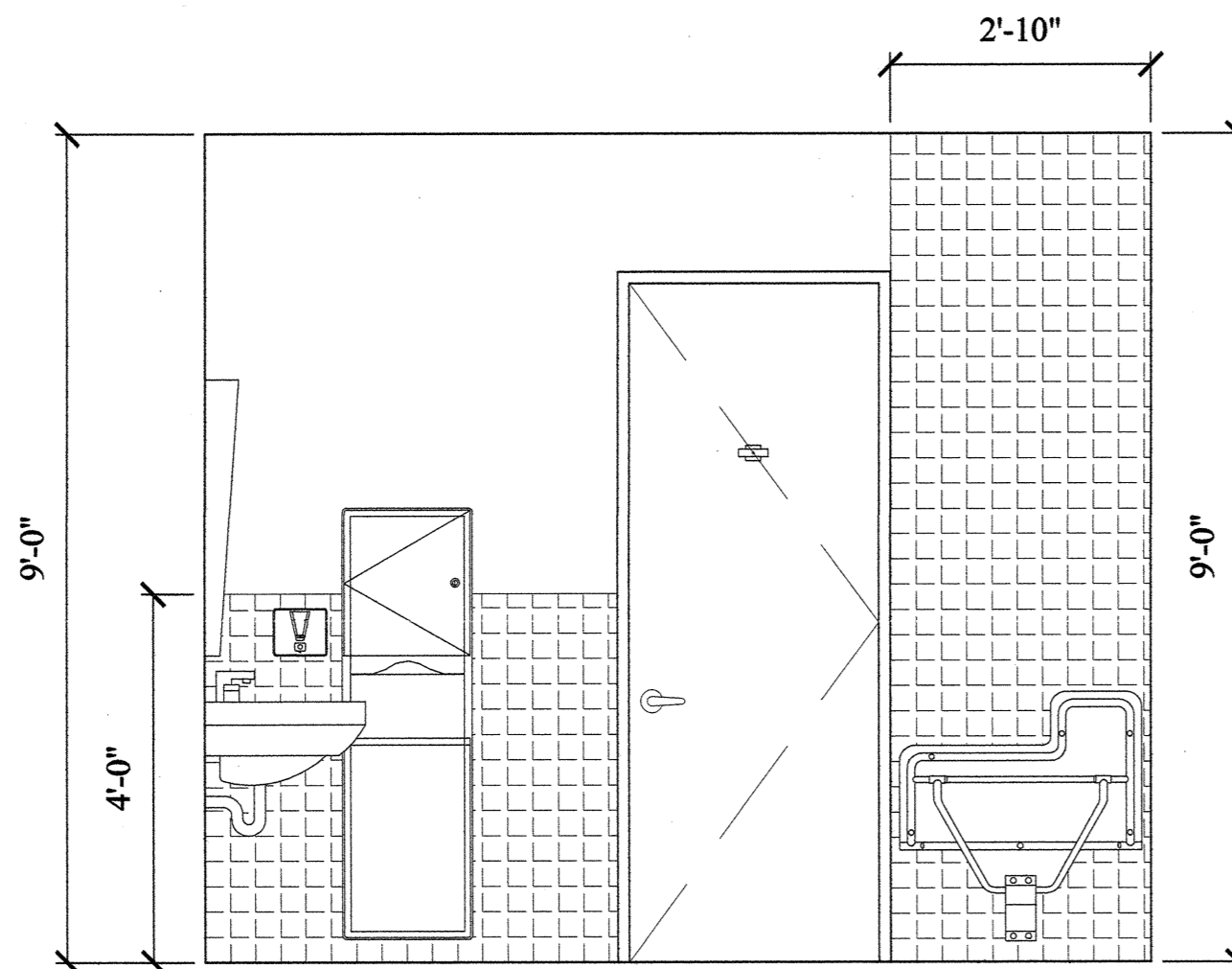
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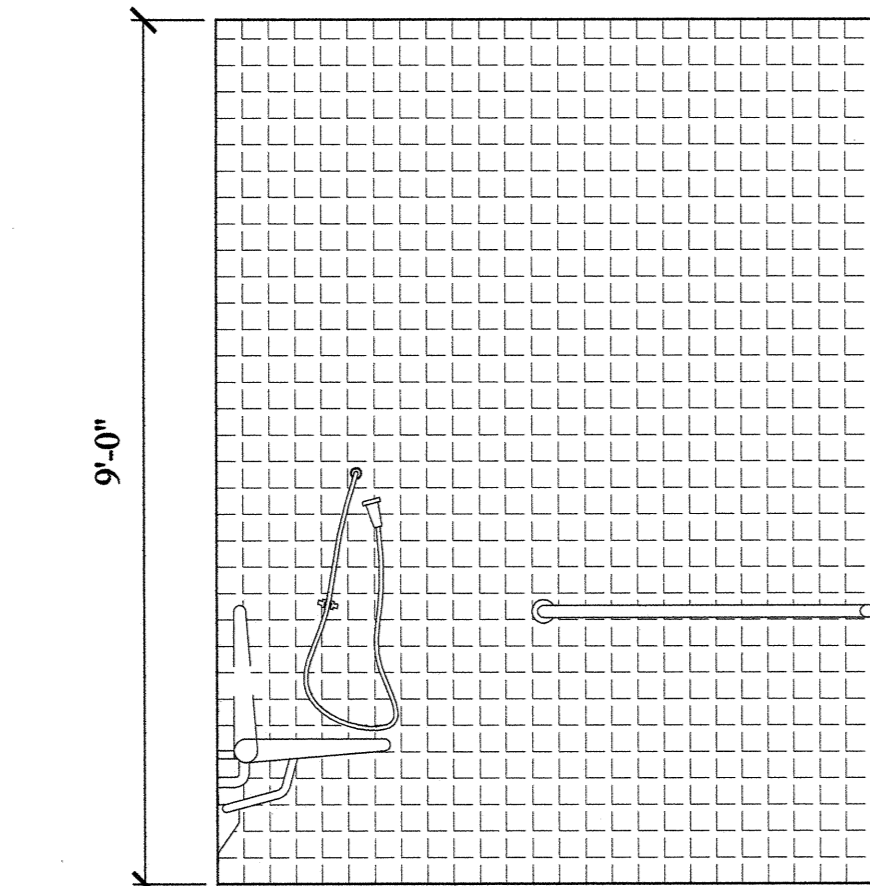
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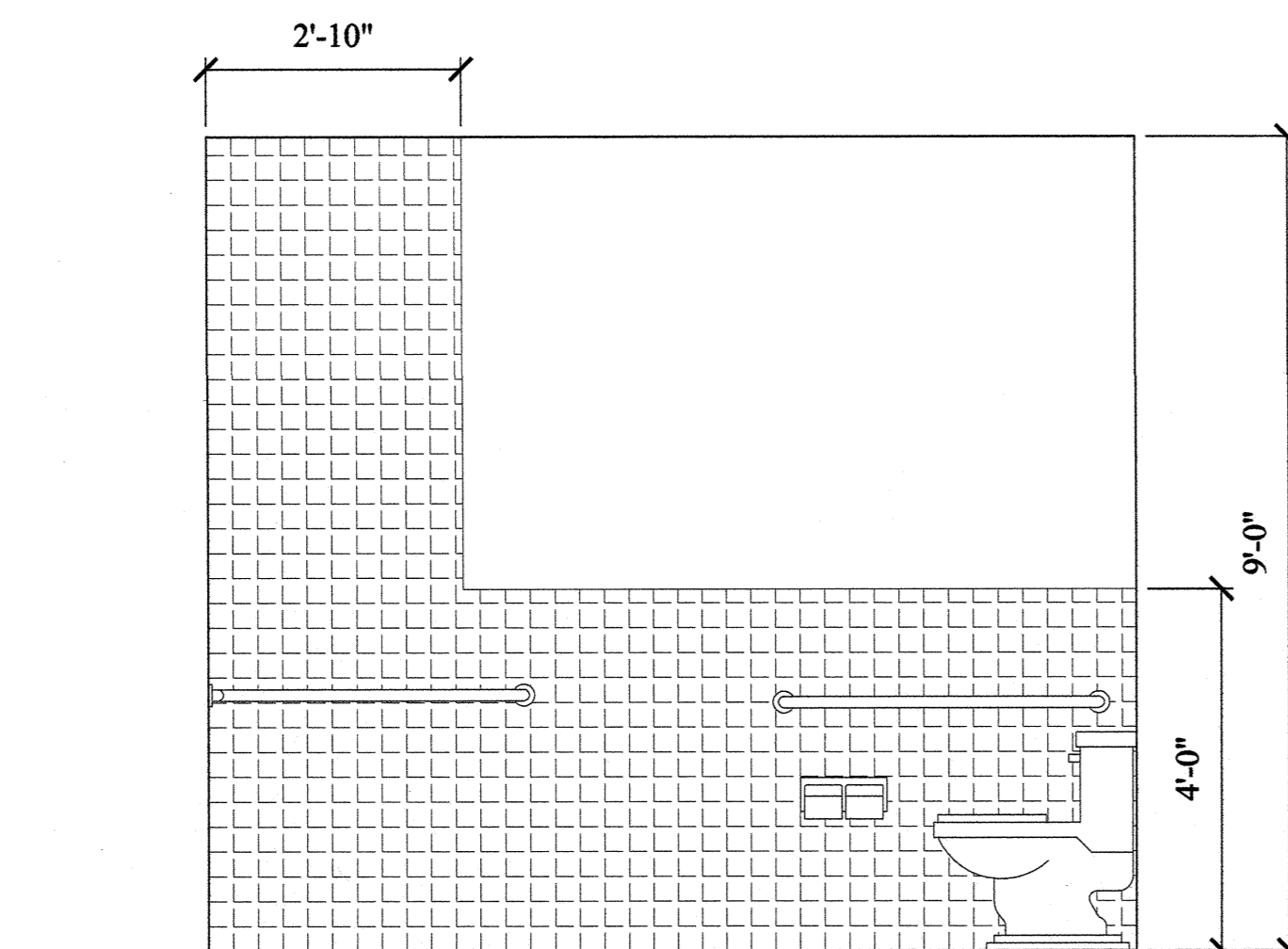
MALE STAFF TOILET -107- PLAN  
SCALE: 1/2" = 1'-0"  
PER CBC 2007 - DIAGRAM 11B-2A



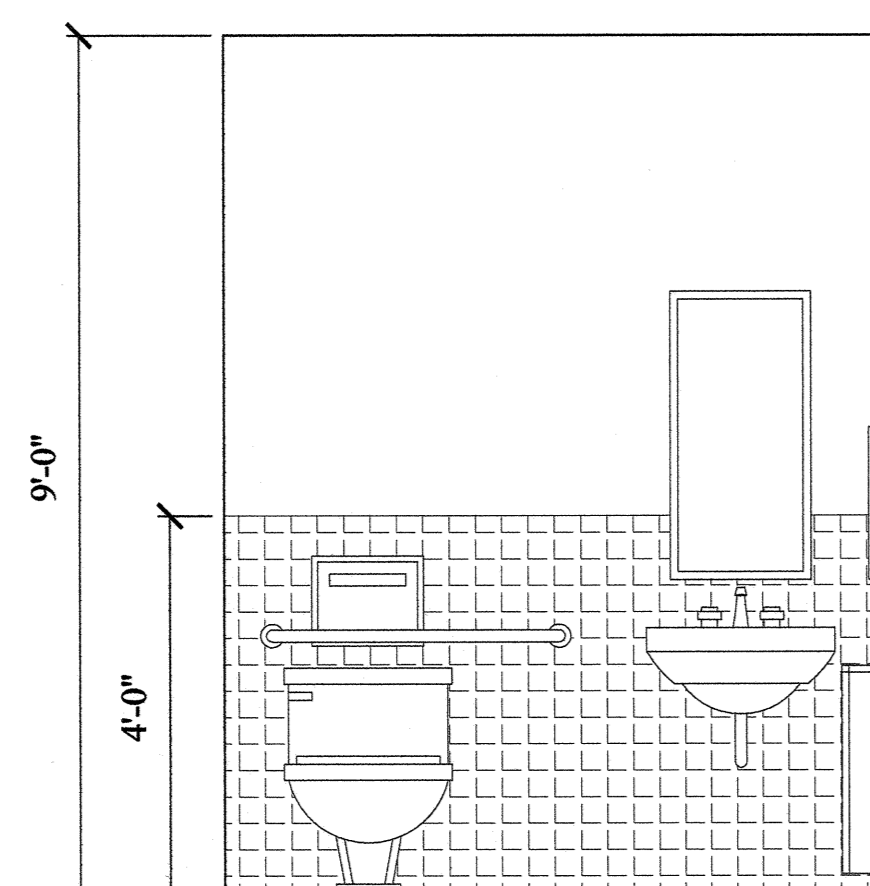
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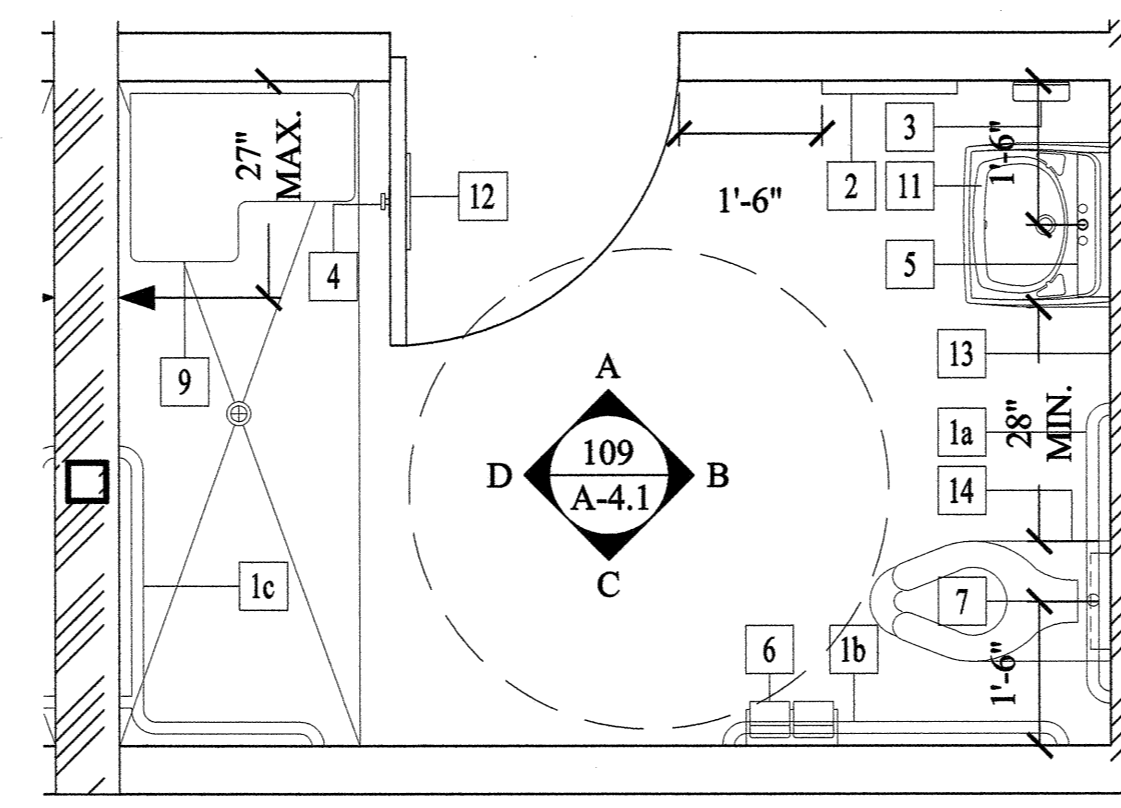
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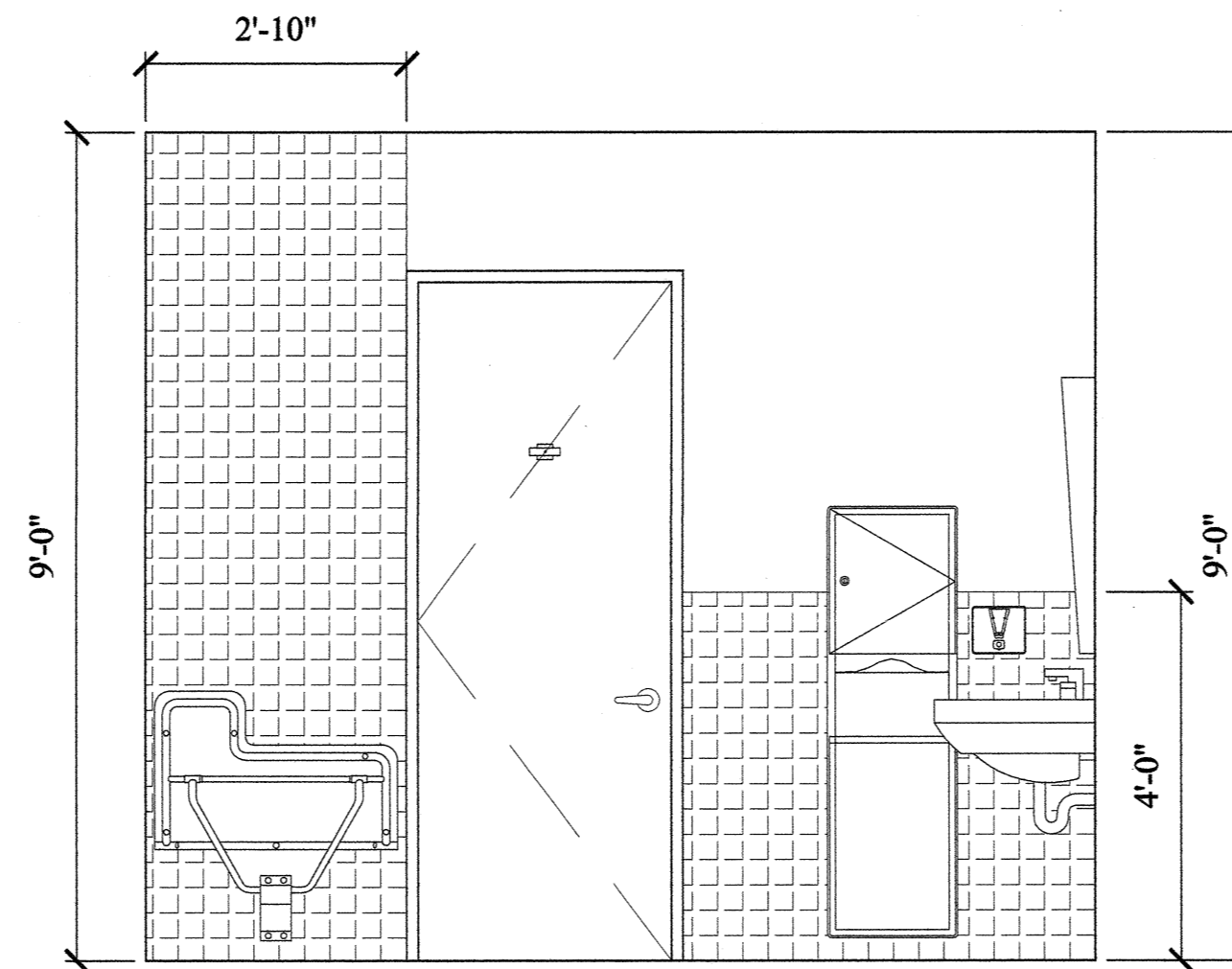
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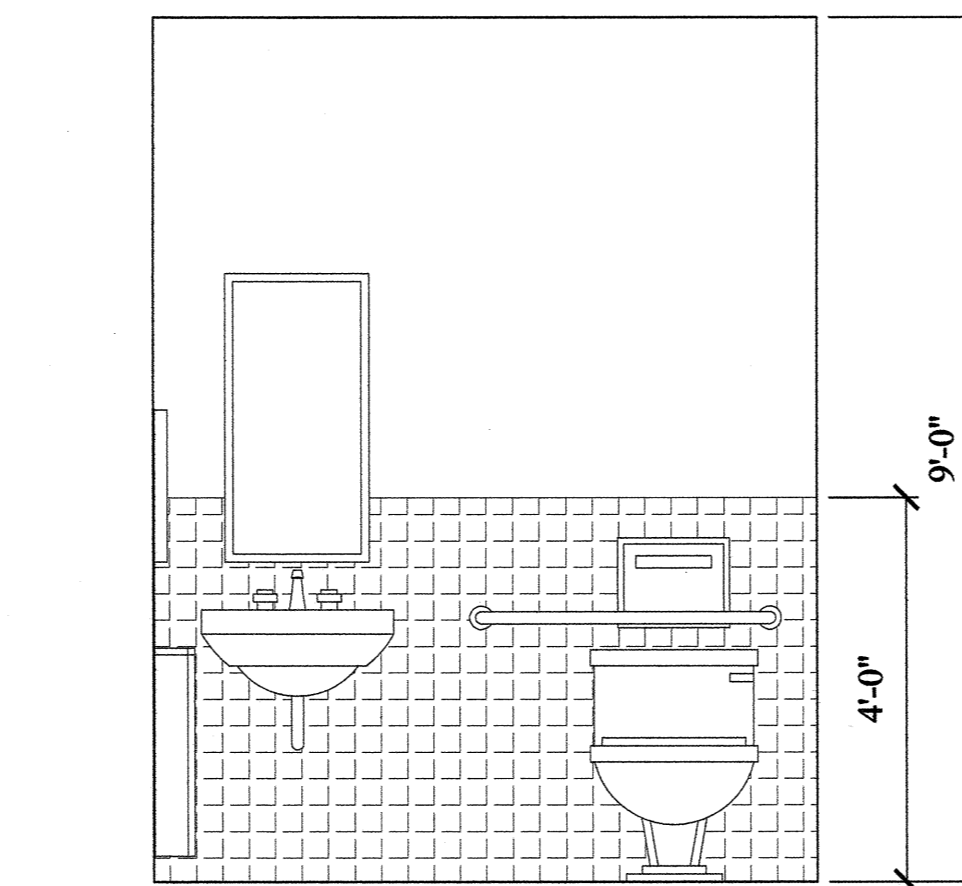
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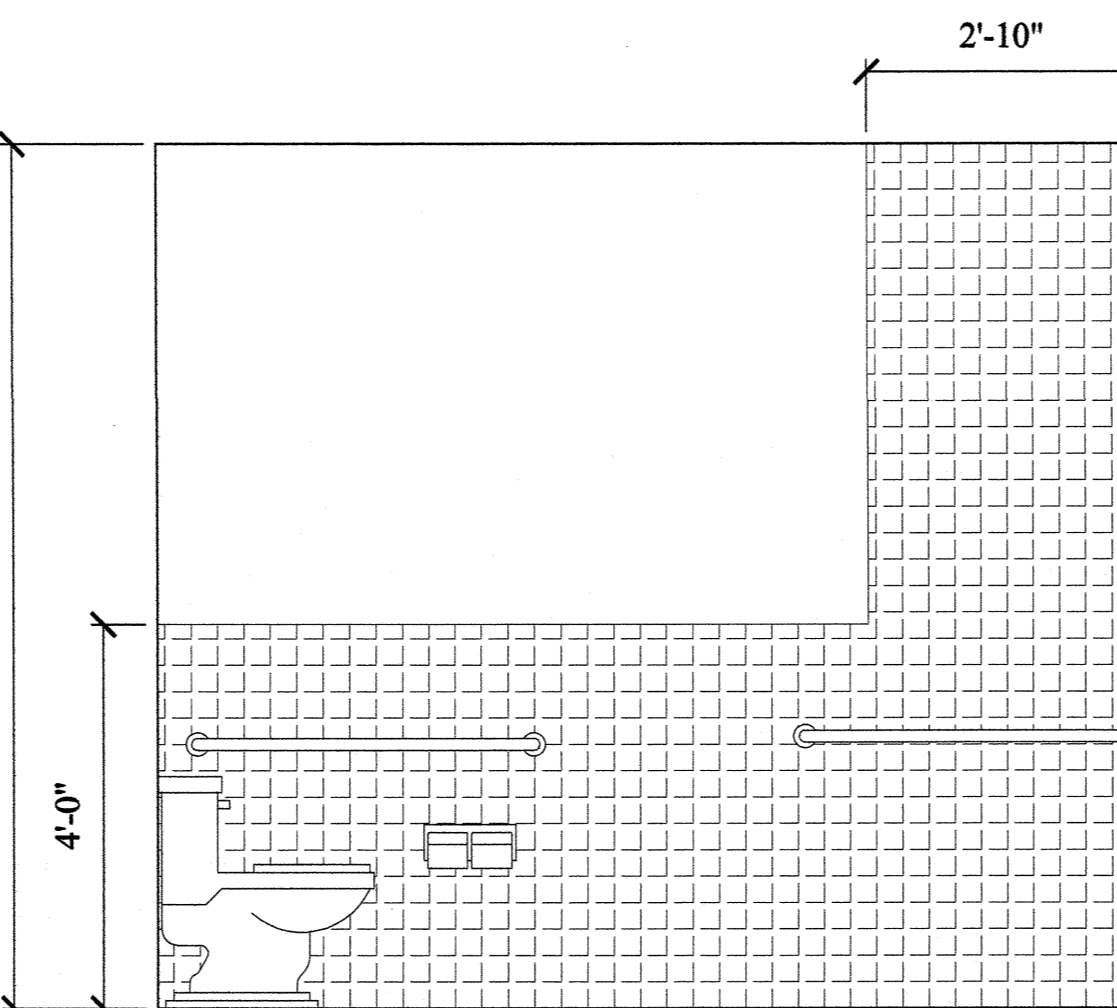
FEMALE STAFF TOILET -109- PLAN  
SCALE: 1/2" = 1'-0"  
PER CBC 2007 - DIAGRAM 11B-2A



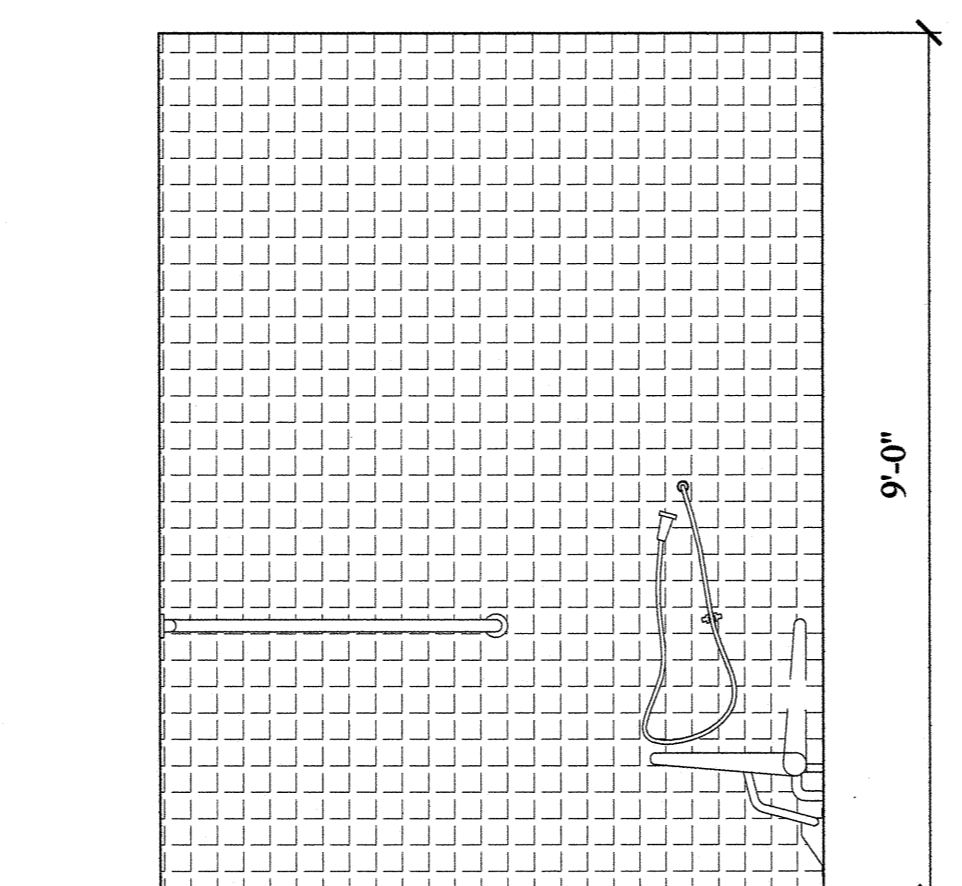
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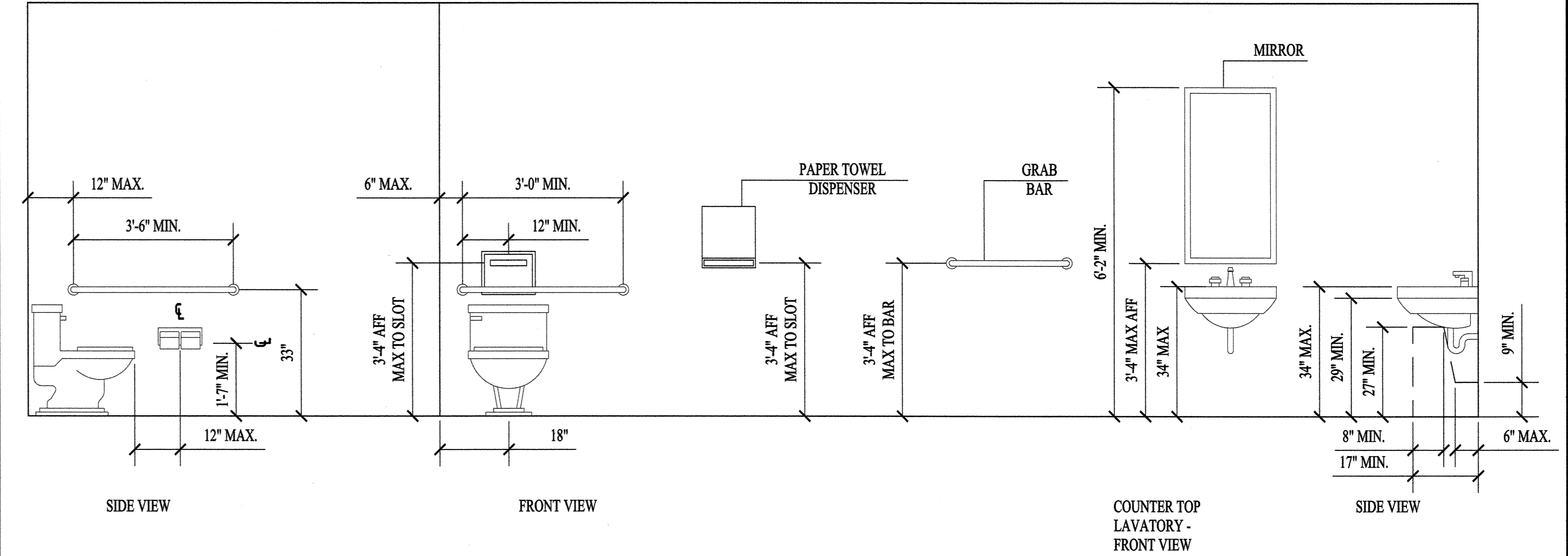
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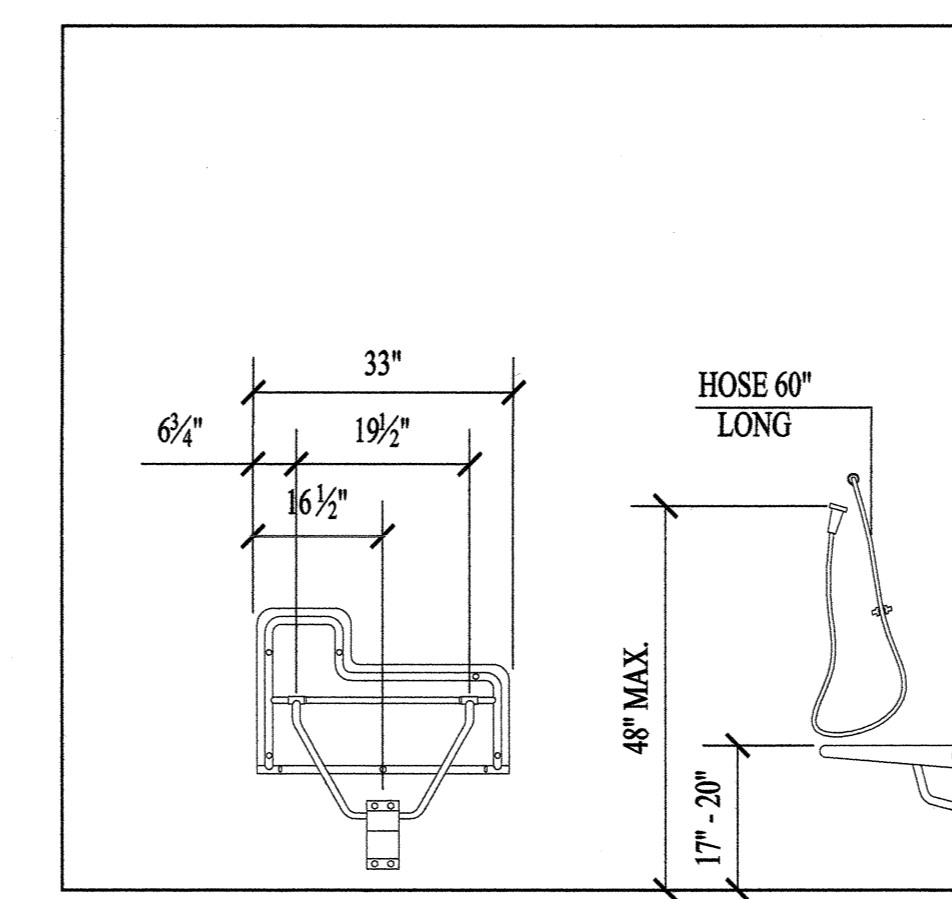
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SCALE: 1/2" = 1'-0"



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



STANDARD MOUNTING HEIGHTS - TOILET FIXTURES & ACCESSORIES  
SCALE: 1/2" = 1'-0"



STANDARD MOUNTING HEIGHTS - FOLDING SHOWER SEAT  
SCALE: 1/2" = 1'-0"

WASHROOM ACCESSORY LEGEND:

- DOUBLE HOOK:
- GRAB BARS:
- SEAT COVER DISPENSER:
- TOILET PAPER DISPENSER:
- AUTO SOAP DISPENSER:
- PAPER TOWEL DISPENSER:

SANITARY FACILITIES AND GENERAL NOTES

- A. CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS. CBC 2007 SEC 1115B.4.1
- B. DOORWAYS LEADING TO WOMEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE, 1/2" THICK (6.4 mm) AND 12 INCHES (305 mm) IN DIAMETER. CBC 2007 SEC 1115B.6
- C. DOORWAYS LEADING TO MEN'S SANITARY FACILITIES SHALL BE IDENTIFIED BY AN EQUILATERAL TRIANGLE 1/2" THICK WITH EDGES 12 INCHES LONG AND A VERTEX POINTING UPWARD. CBC 2007 SEC 1115B.6
- D. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH CBC 2007 SECTION 1117B.5.6
- E. GEOMETRIC (CIRCLE & TRIANGLE) SYMBOLS IN SANITARY FACILITY DOORS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.
- F. UNISEX SANITARY FACILITIES SHALL BE IDENTIFIED BY A CIRCLE 1/2" THICK, 12" IN DIAMETER, WITH 1/2" THICK TRIANGLE SUPERIMPOSED ON THE CIRCLE AND WITHIN THE 12" DIAMETER. CBC 2007 SEC 1115B.6
- G. GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8".
- H. SHEAR FORCE INDUCED IN A FASTENER OR MOUNTING DEVICE FROM THE APPLICATION OF A 250-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.
- I. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.
- J. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF 250-LB POINT LOAD SHALL BE LESS THAN ALLOWABLE STRESS FOR THE MATERIAL OF THE BAR OR SEAT, AND ITS MOUNTING BRACKET IS CONSIDERED TO BE FULLY RESTRAINED.
- K. 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 250-LB POINT LOAD, SHALL BE LESS THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER AND SUPPORTING STRUCTURE.
- L. GRAB BARS SHALL NOT ROTATE IN THEIR FITTINGS.
- M. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES.
- N. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. CBC 2007 SEC 1115B.4.3
- O. THE FORCE REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE CONTROL, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE NO GREATER THAN 5-LB. ELECTRONIC OR AUTOMATIC FLUSHING CONTROLS ARE ACCEPTABLE AND PREFERABLE. CBC 2007 SEC 1115B.4.1 & 1115B.4.2
- P. WATER CLOSET AND URINAL FLUSH VALVE CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, FINCHING, OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR.
- Q. THE MAXIMUM SLOPE OF THE FLOOR SHALL BE 2% IN ANY DIRECTION. WHERE DRAINS ARE PROVIDED, GRATE OPENINGS SHALL BE A MAXIMUM OF 1/2" AND LOCATE FLUSH WITH THE FLOOR SURFACE. CBC 2007 SEC 1115B.4.4.7
- R. TOILET ROOM WALLS SHOULD HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL WHICH EXTENDS 24" MIN. BEYOND THE SIDES AND THE FRONT OF THE WATER CLOSET TO A HEIGHT OF 48".

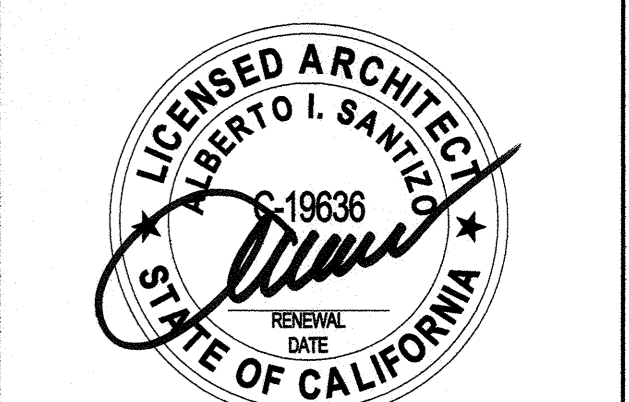
SANITARY FACILITIES KEYNOTES:

- 1a 36" LONG BY 1-1/4" DIAMETER GRAB BAR MOUNTED 1-1/2" CLEAR FROM WALL
- 1b 42" LONG BY 1-1/4" DIAMETER GRAB BAR MOUNTED 1-1/2" CLEAR FROM WALL AT 33" MIN. HEIGHT, 36" MAX HEIGHT FOR TANK-TYPE TOILET
- 1c 97" LONG BY 1-1/4" (2 WALL) DIAMETER GRAB BAR MOUNTED 1-1/2" CLEAR FROM WALL AT 33" MIN. HEIGHT, 36" MAX.
- 2 PAPER TOWEL RECEPTACLE DISPENSER
- 3 SOAP DISPENSER
- 4 DOUBLE ROPE HOOK
- 5 TILT MIRROR WITH S.S. FRAME
- 6 DOUBLE ROLL TOILET PAPER DISPENSER
- 7 SEAT COVER DISPENSER
- 8 PAPER TOWEL DISPENSER
- 9 FOLDING SHOWER SEAT W/ PADDED CUSHION
- 10 SPECIMEN PASS THRU CABINET
- 11 ADA COMPLIANT LAVATORY SINK
- 12 TACTILE SIGN
- 13 6x6 CERAMIC TILE, 48" HIGH. (VERIFY INTERIOR ELEVATIONS)
- 14 FLUSH ACTIVATOR ON WIDE SIDE, TYPICAL

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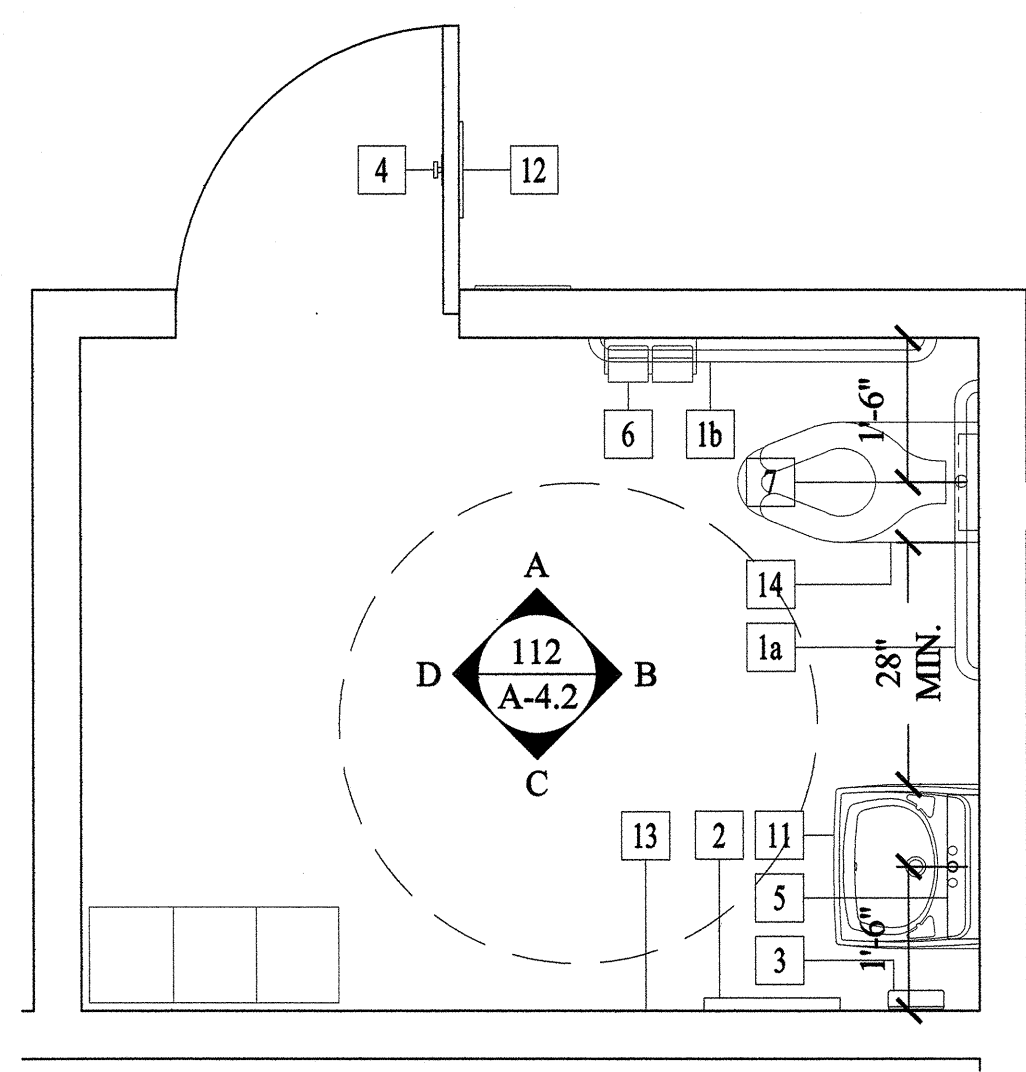


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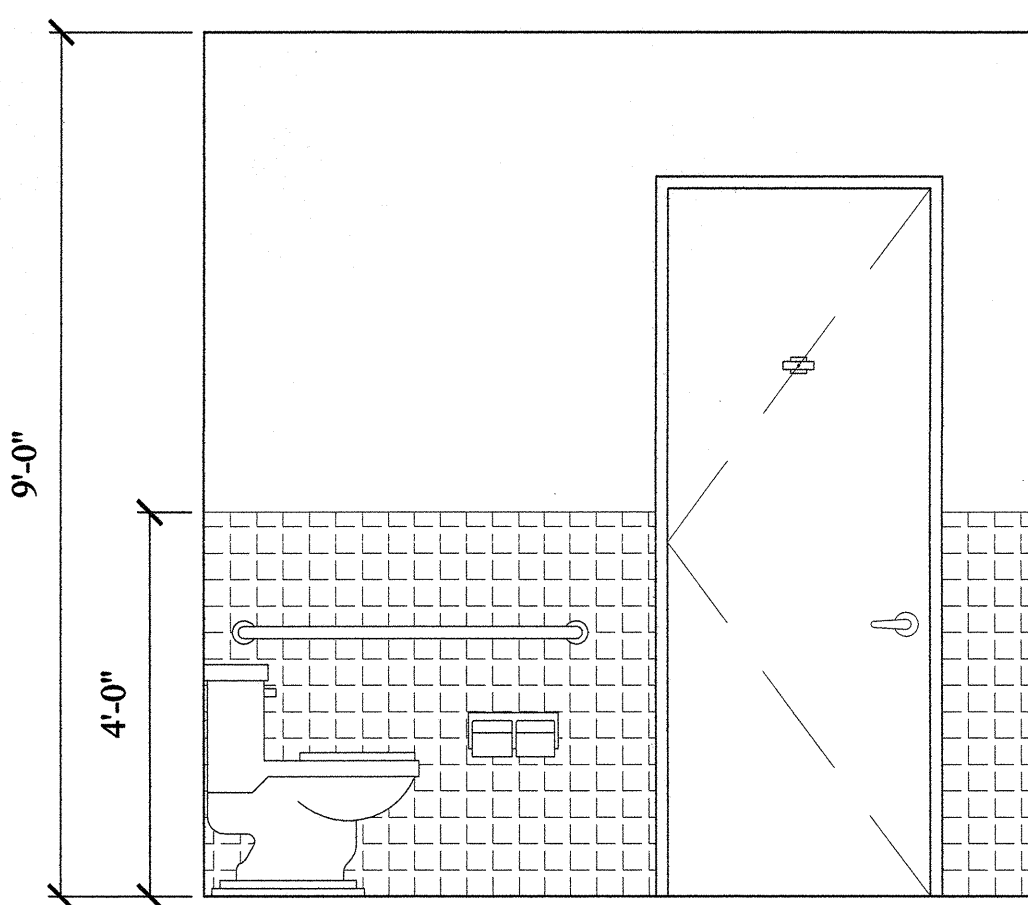
RESTROOMS INTERIOR ELEVATIONS

SCALE: VARIOUS	SHEET #:
DATE: 03/03/09	A-4.1
PROJECT: 09-101-A	OF SHEET

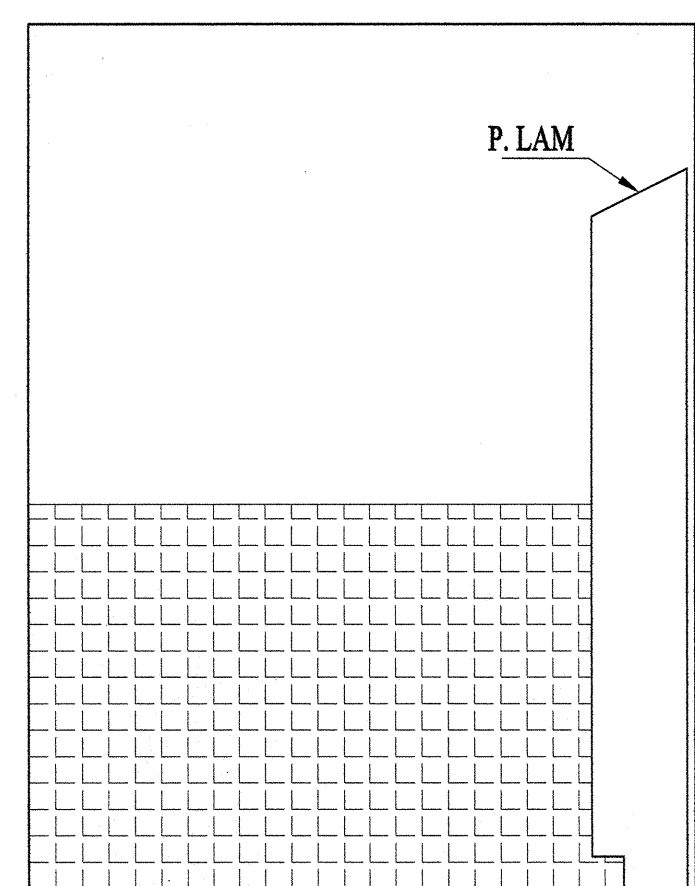
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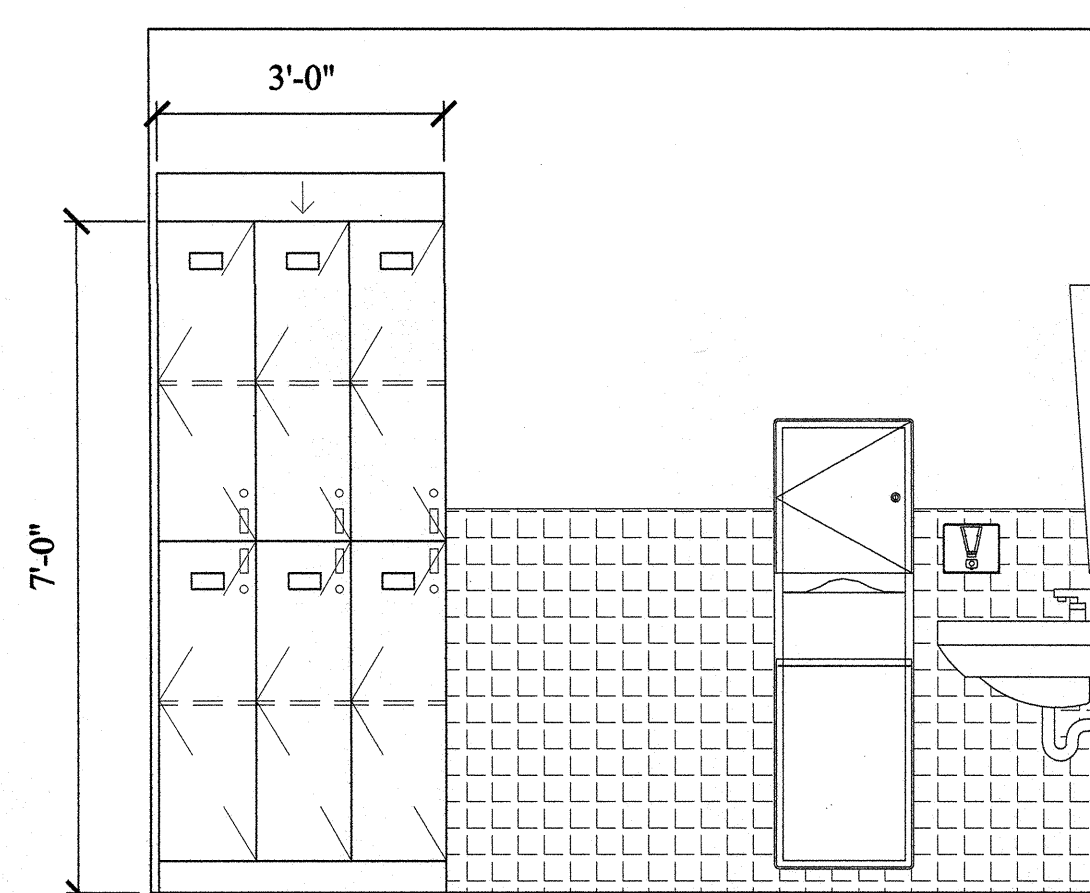
PATIENT'S MALE TOILET -112- PLAN  
SCALE: 1/2" = 1'-0"



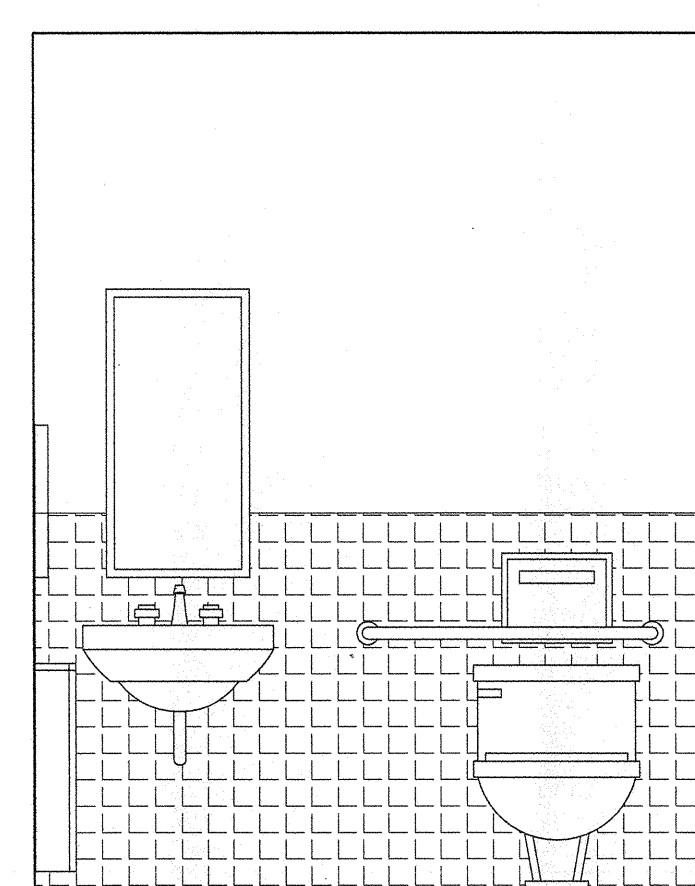
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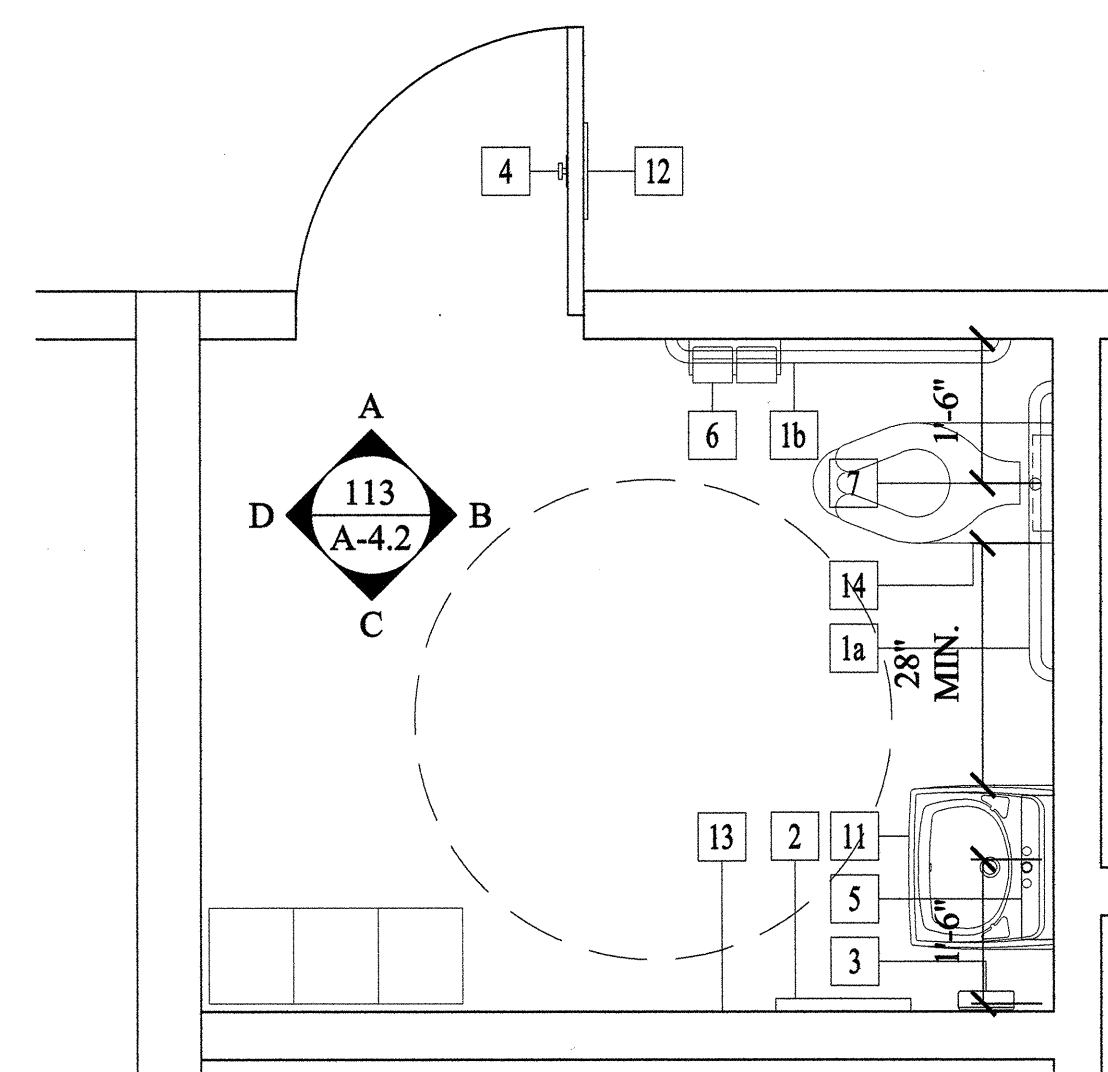
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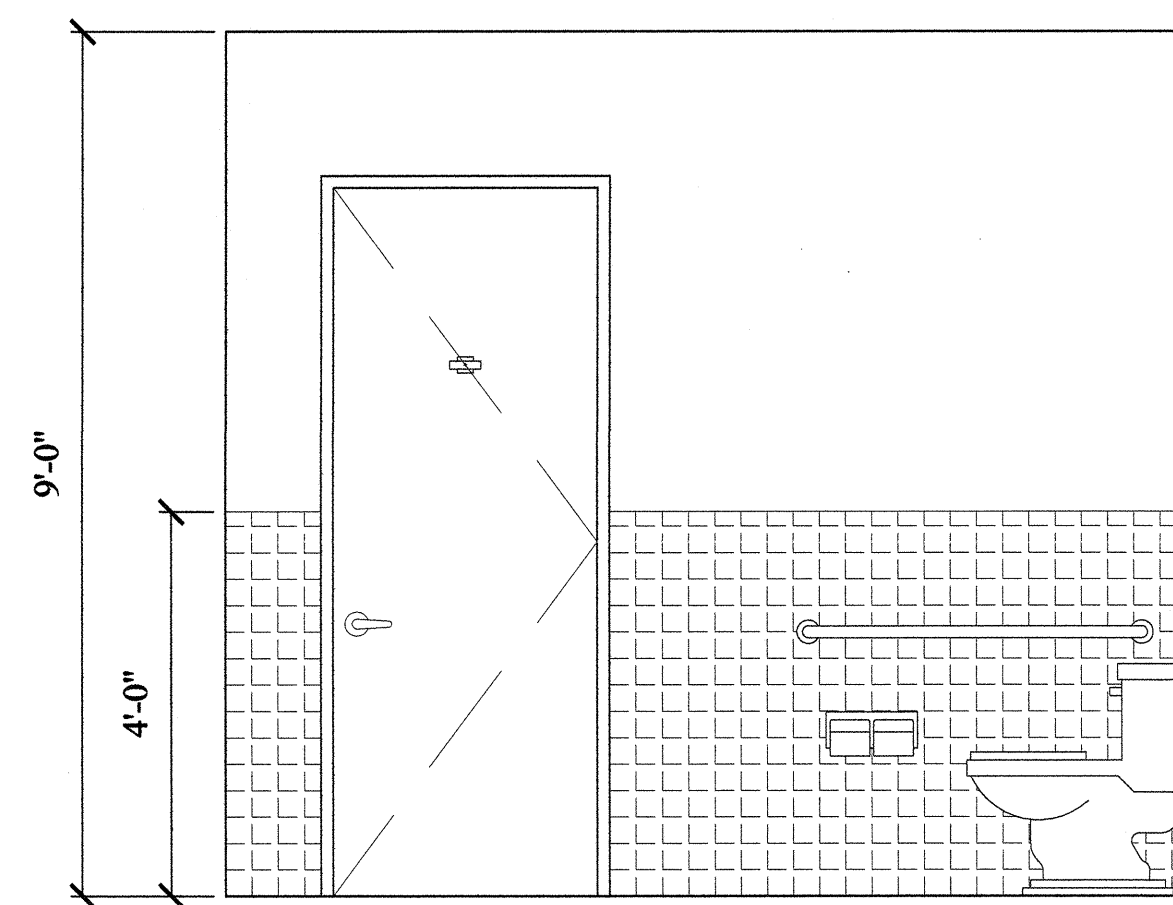
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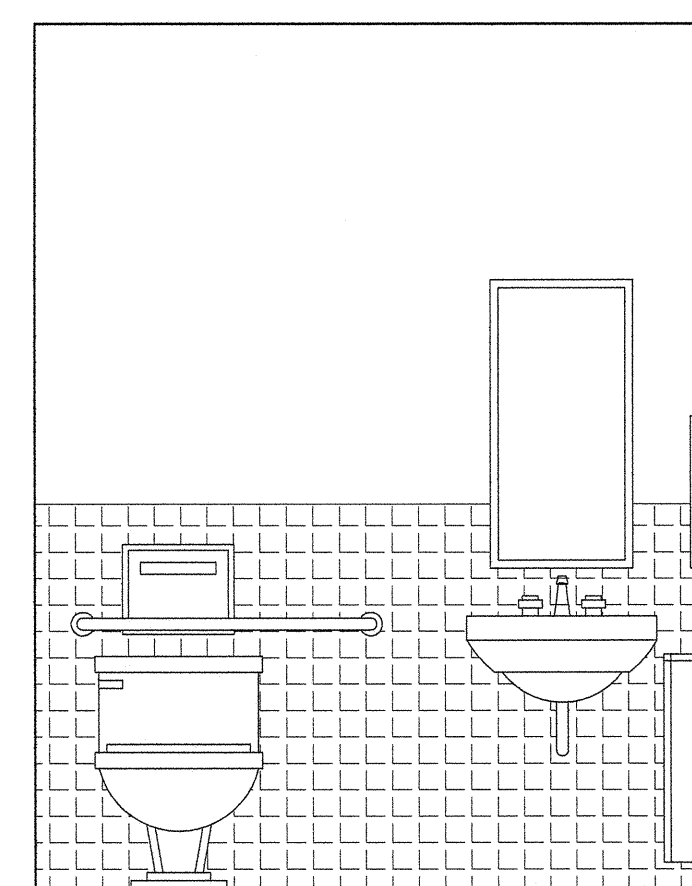
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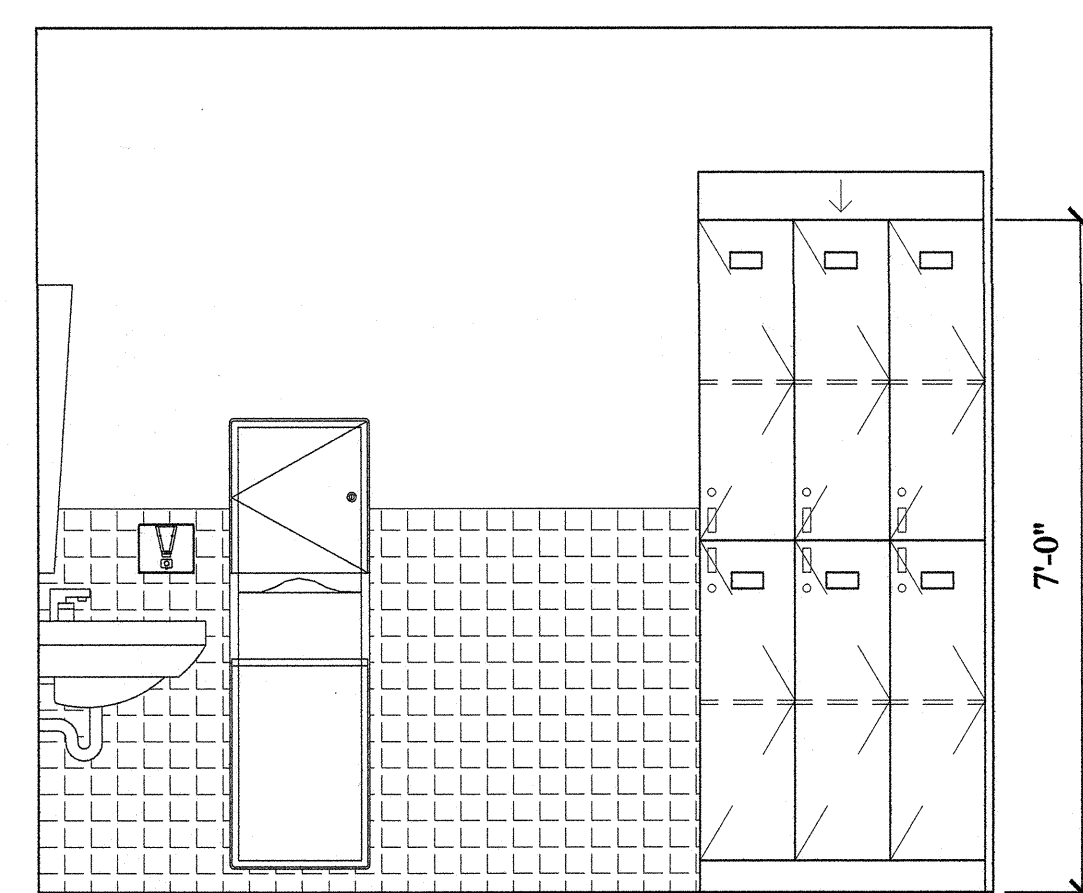
PATIENT'S FEMALE TOILET -113- PLAN  
SCALE: 1/2" = 1'-0"



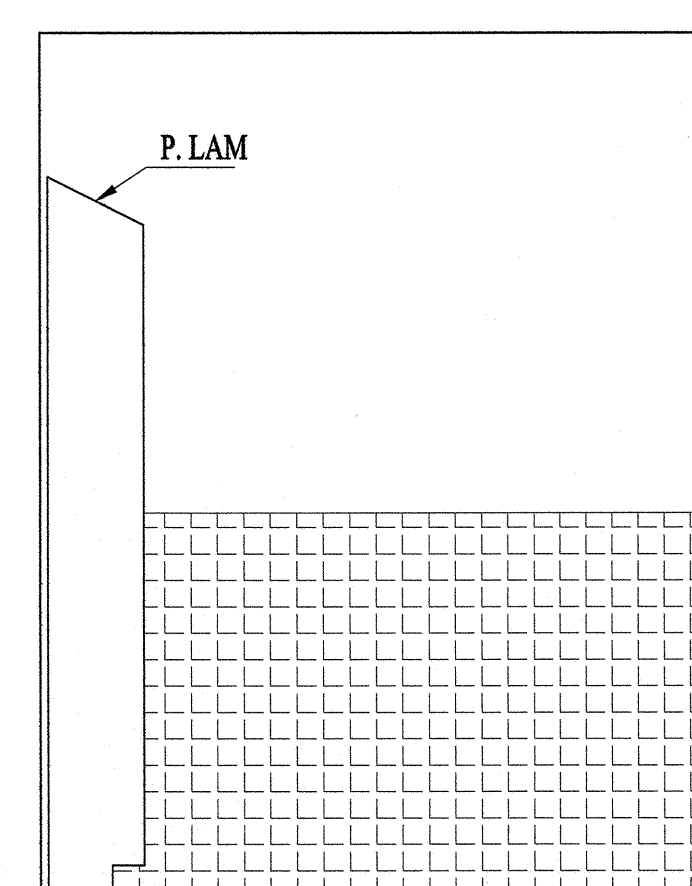
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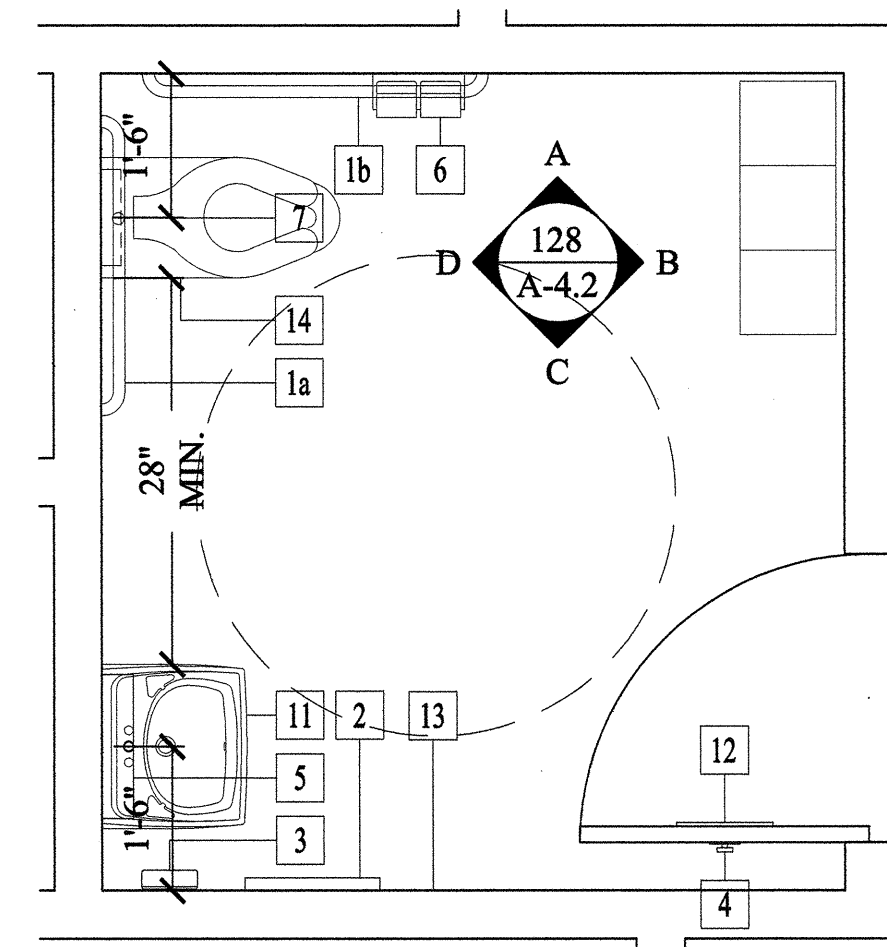
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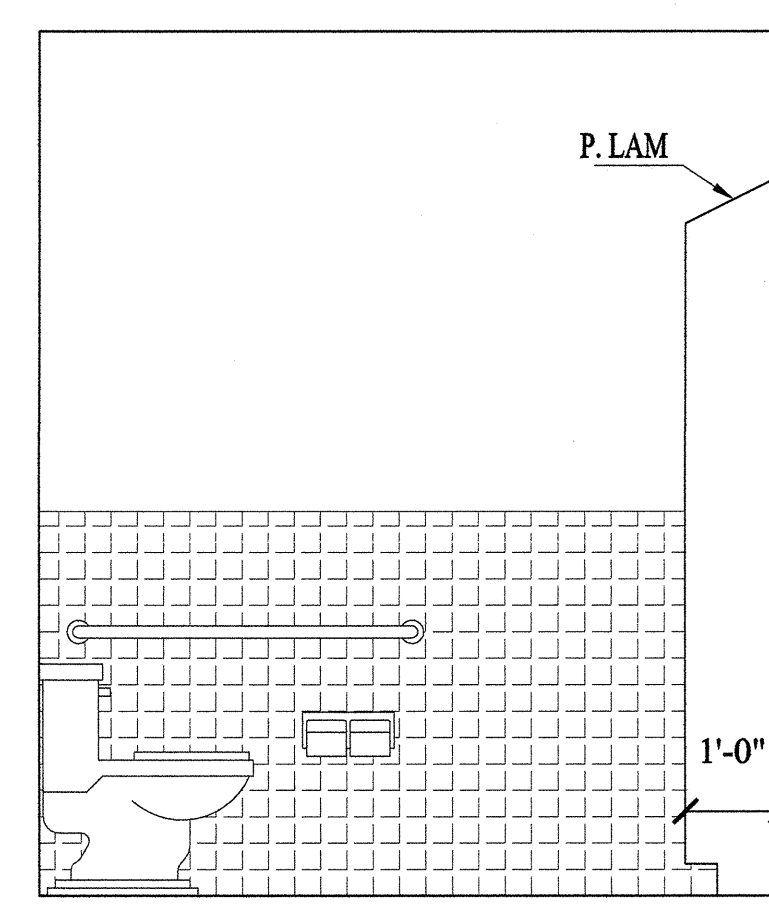
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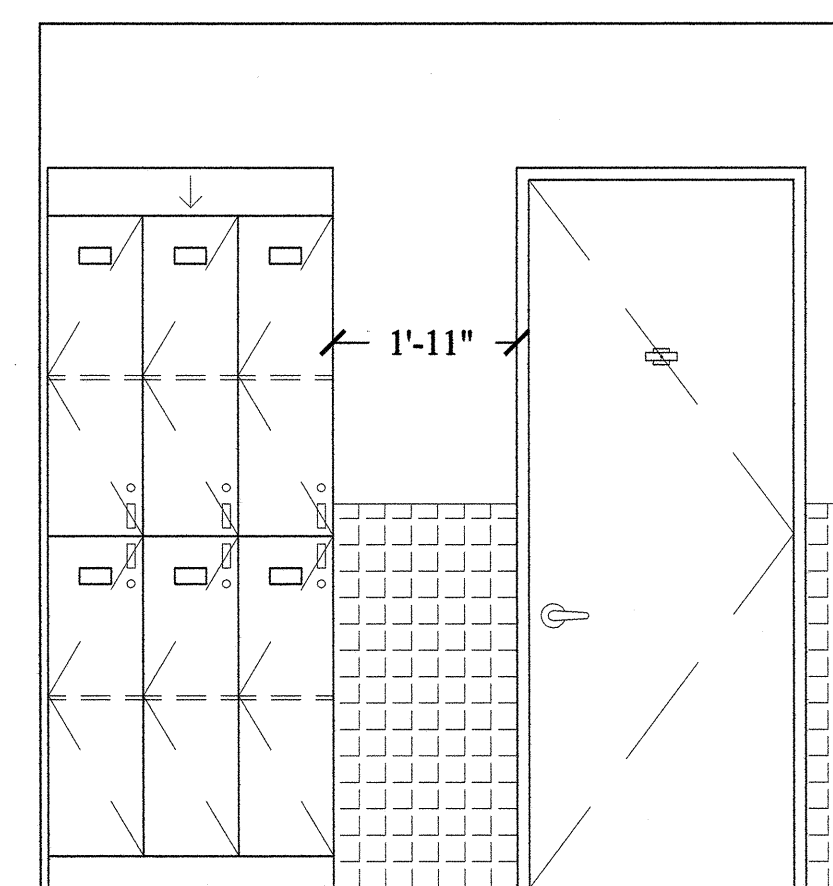
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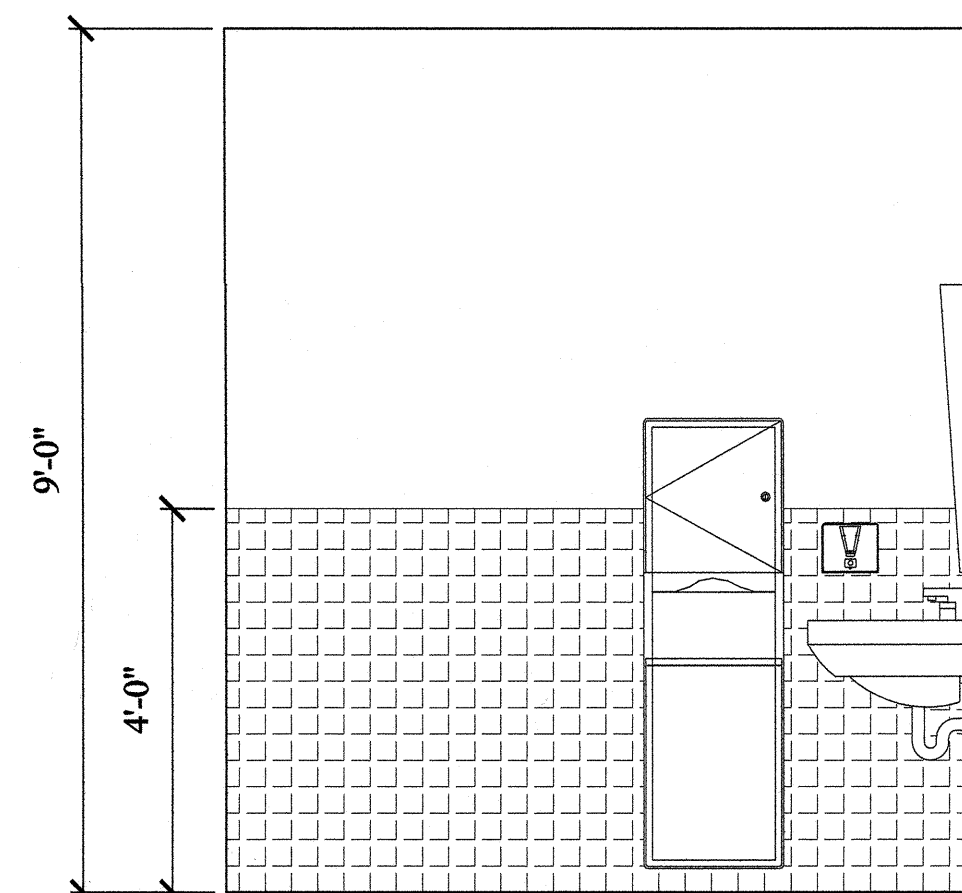
PATIENT'S TOILET -128- PLAN  
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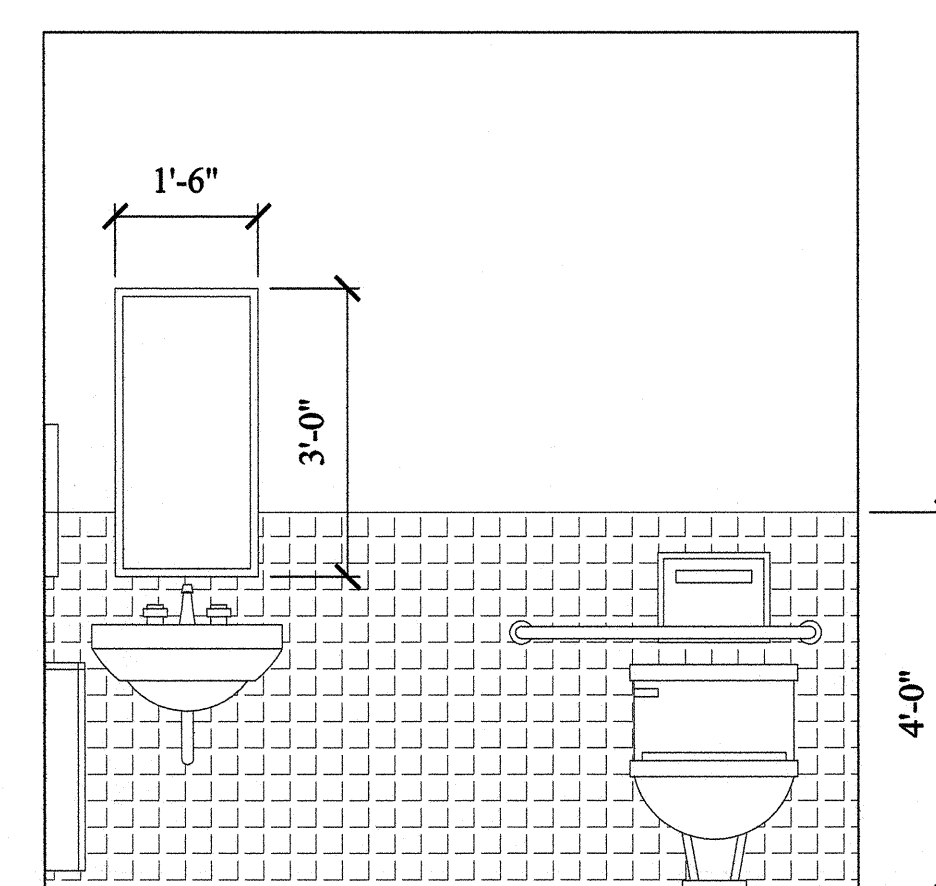
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ELEVATION B  
SCALE: 1/2" = 1'-0"



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



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

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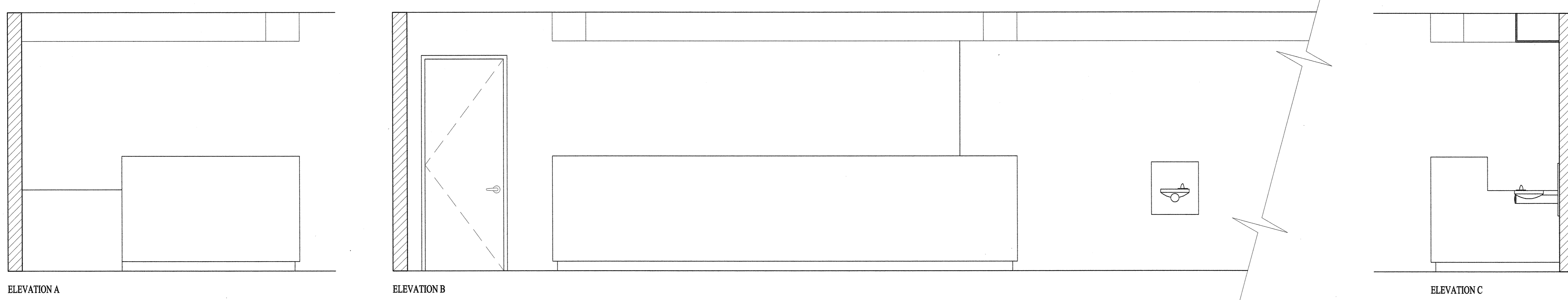


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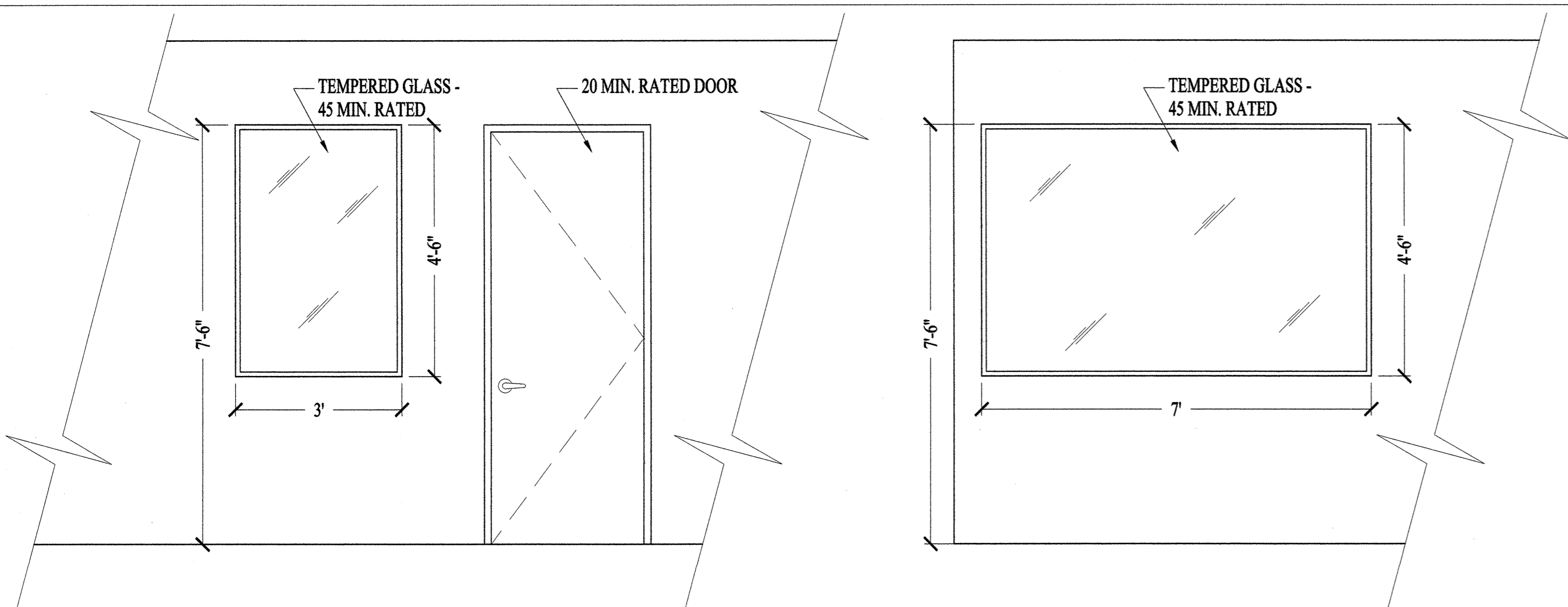
RESTROOMS  
INTERIOR  
ELEVATIONS

SCALE	SHEET #
VARIOUS	A-4.2
03/03/09	
09-101-A	

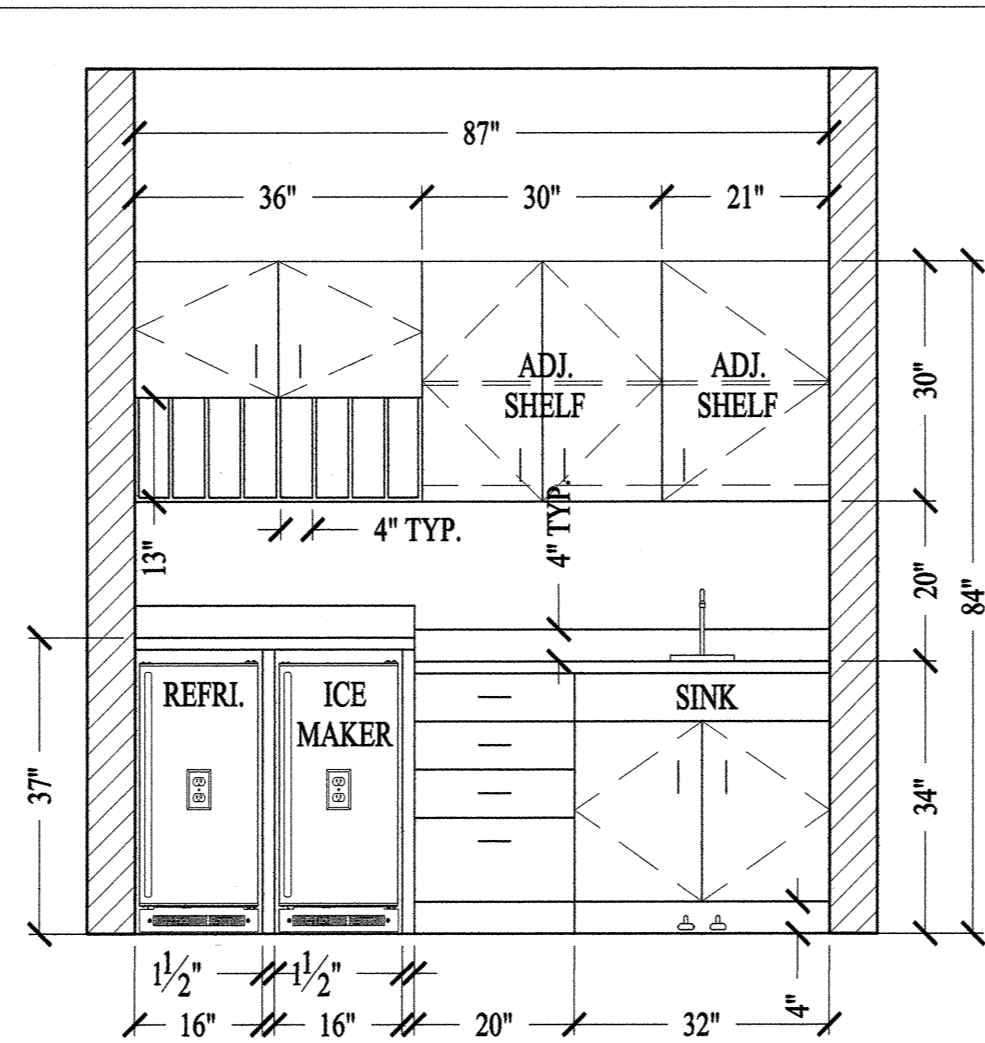
10165806-07



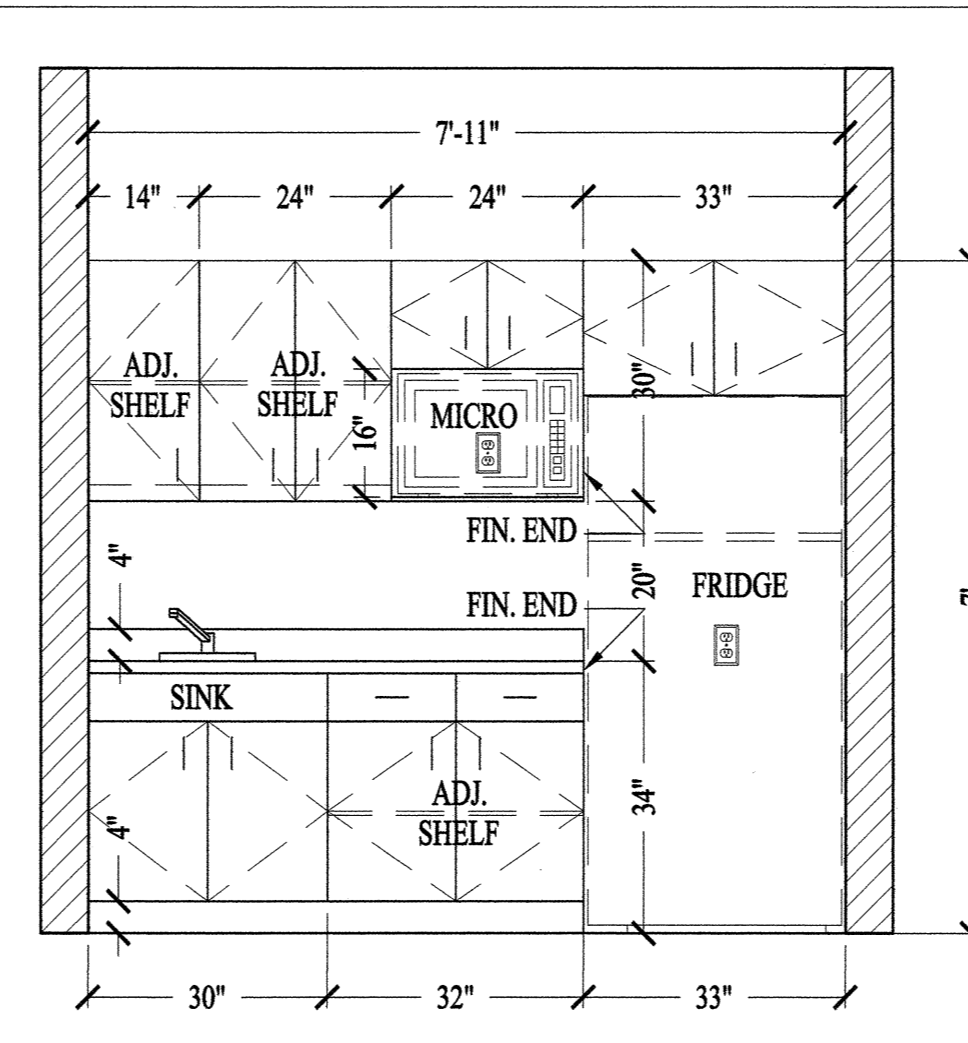
ELEVATION A  
ELEVATION B  
RECEPTION 102  
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DESIGN TO BE DETERMINED LATER ON



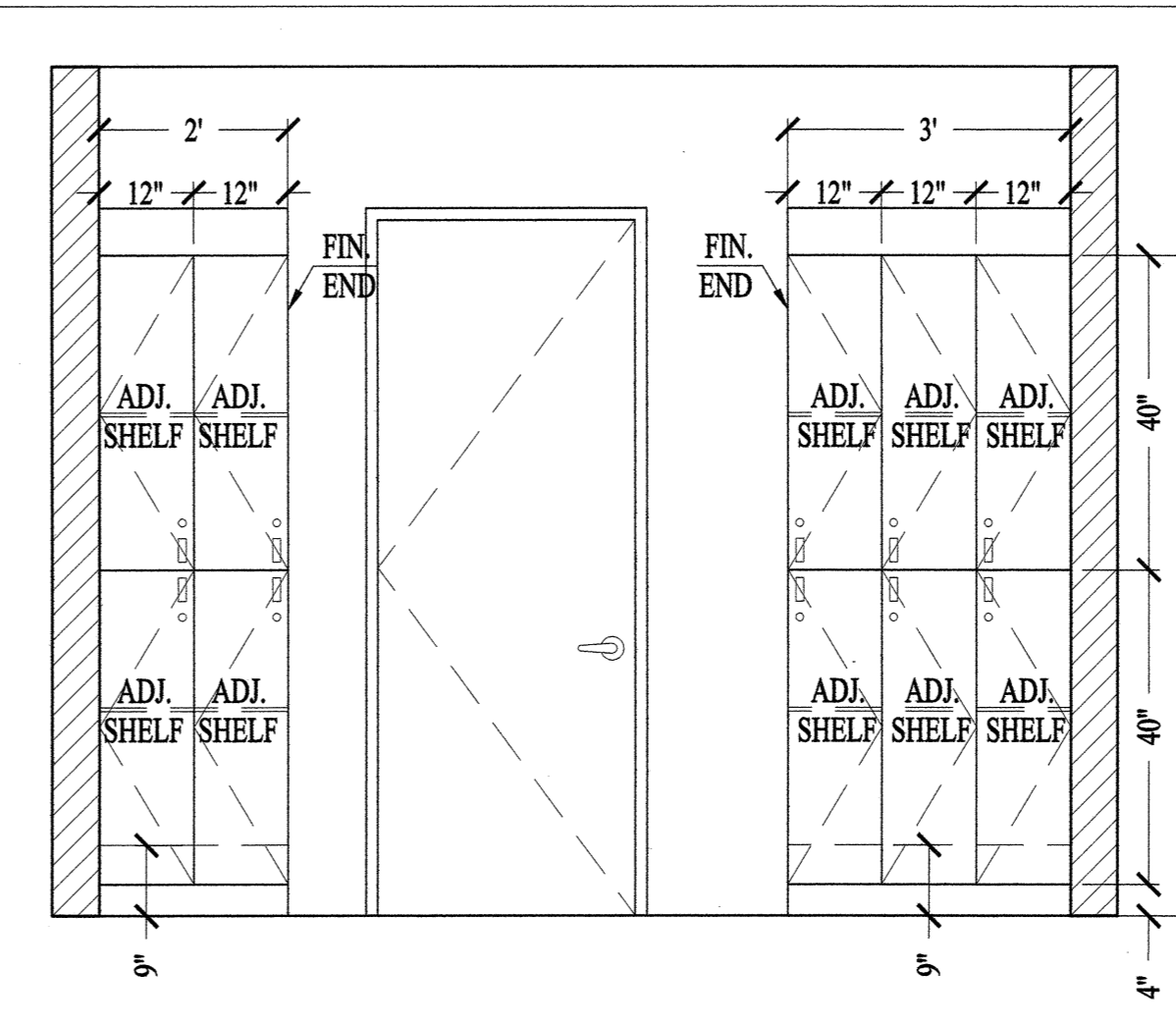
ELEVATION B  
CORRIDOR-2 114  
SCALE: 1/2" = 1'-0"  
ELEVATION A  
ADMINISTRATION AND BILLING 205  
SCALE: 1/2" = 1'-0"



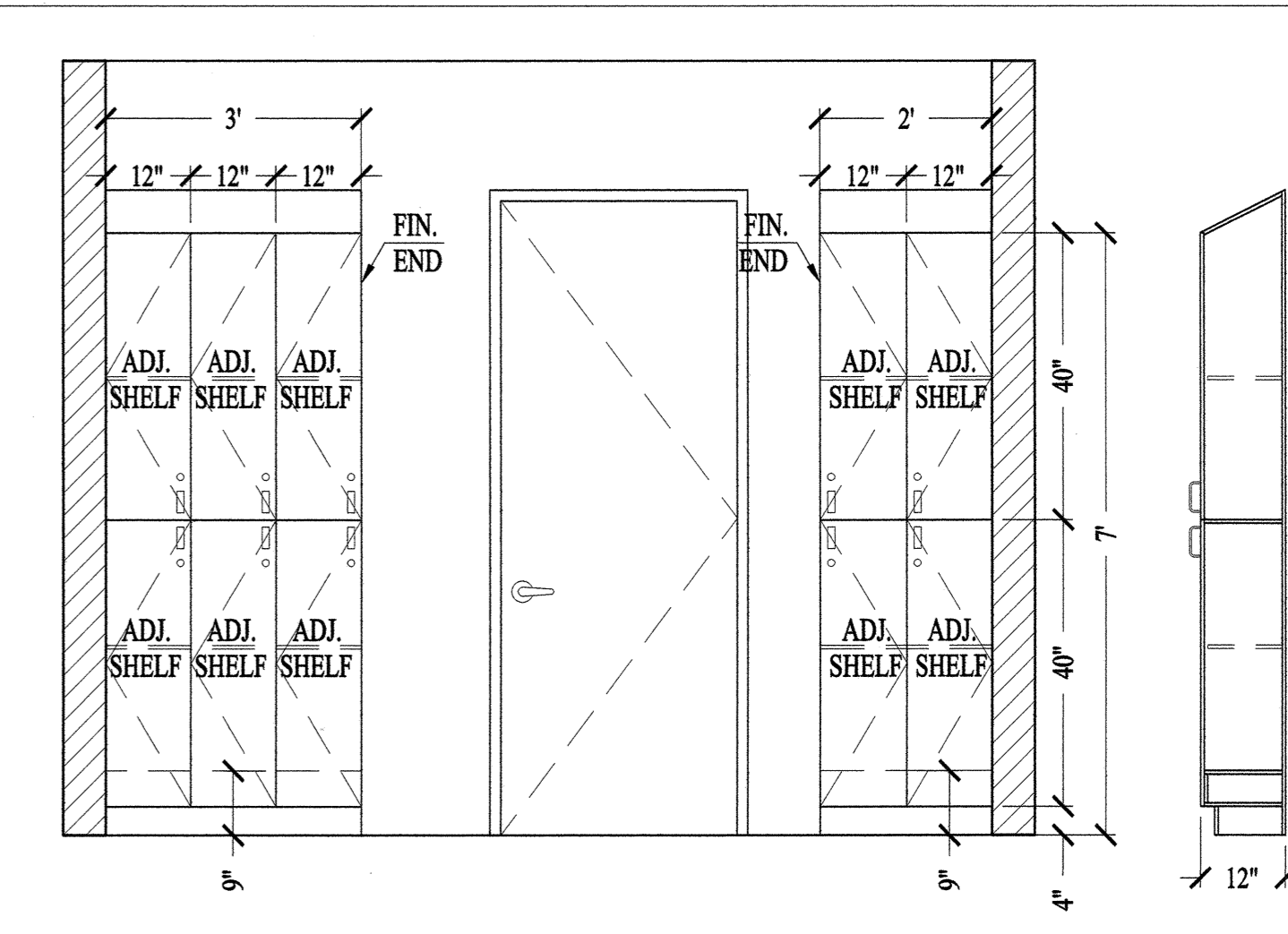
ELEVATION C  
NURSE STATION 1-110  
SCALE: 1/2" = 1'-0"



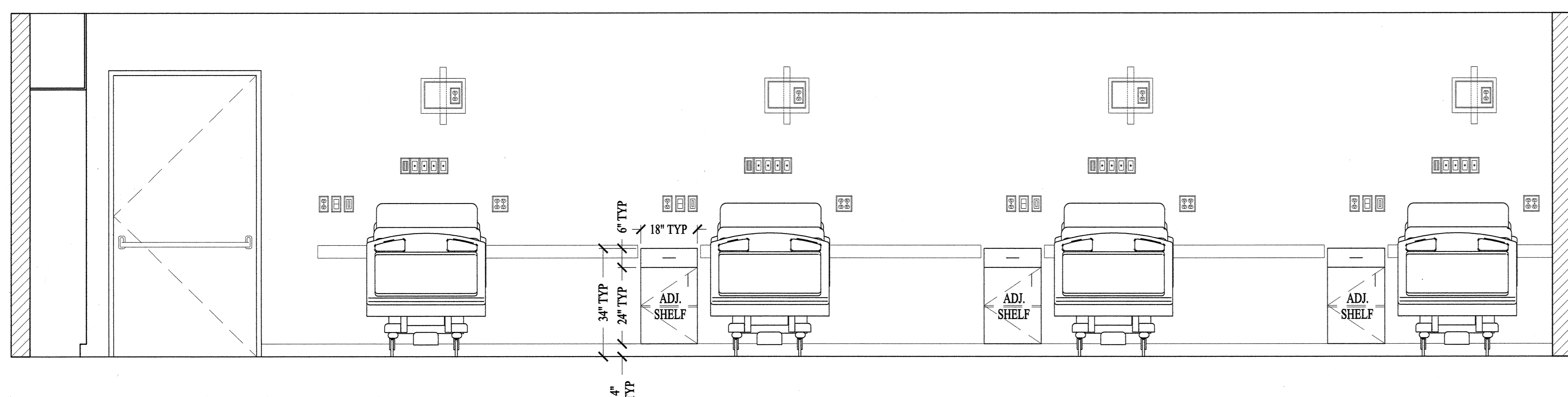
ELEVATION A  
STAFF LUNCH ROOM 105  
SCALE: 1/2" = 1'-0"



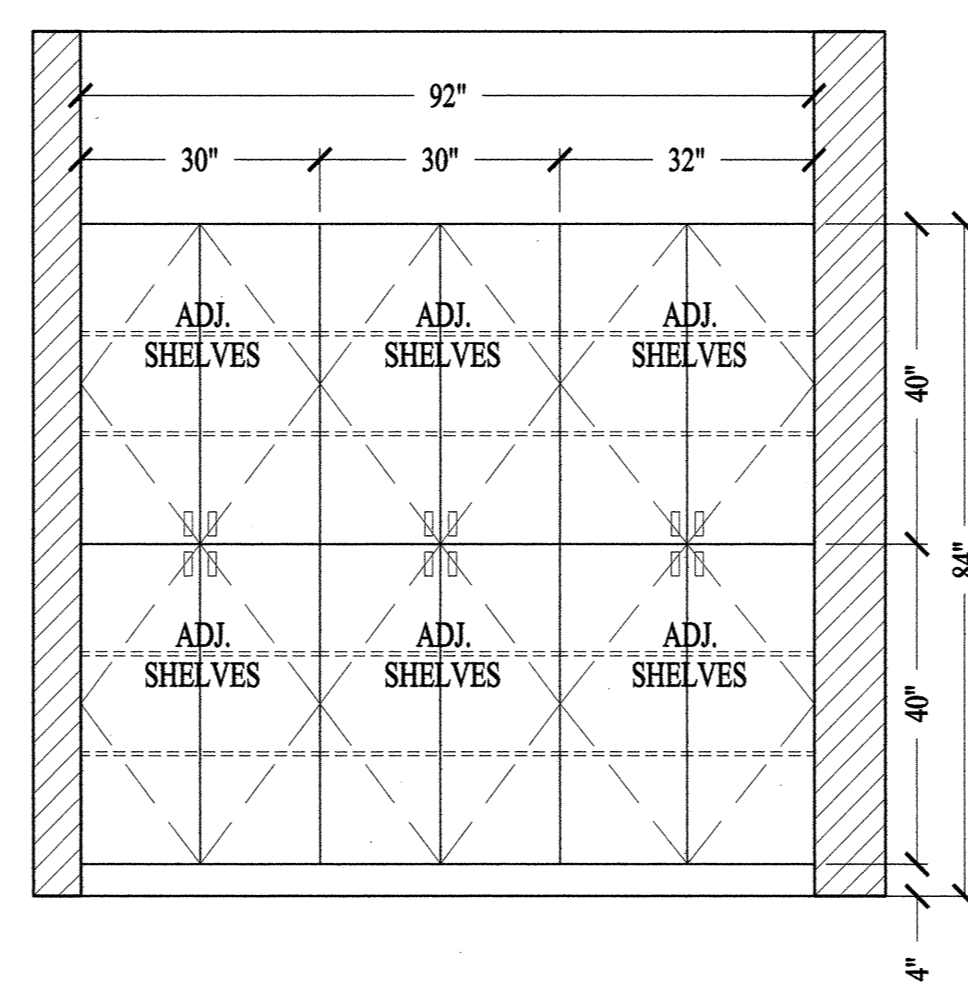
ELEVATION A  
MALE STAFF CHANGING ROOM 106  
SCALE: 1/2" = 1'-0"



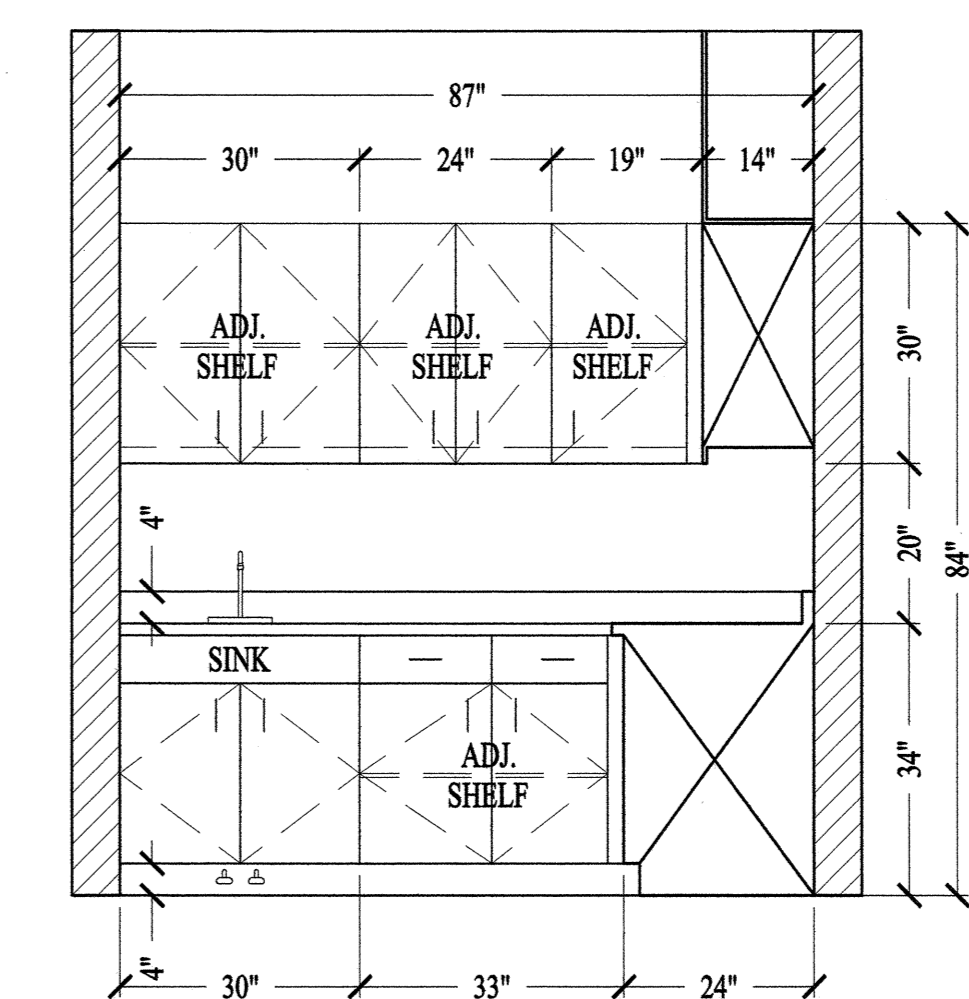
ELEVATION A  
FEMALE STAFF CHANGING ROOM 108  
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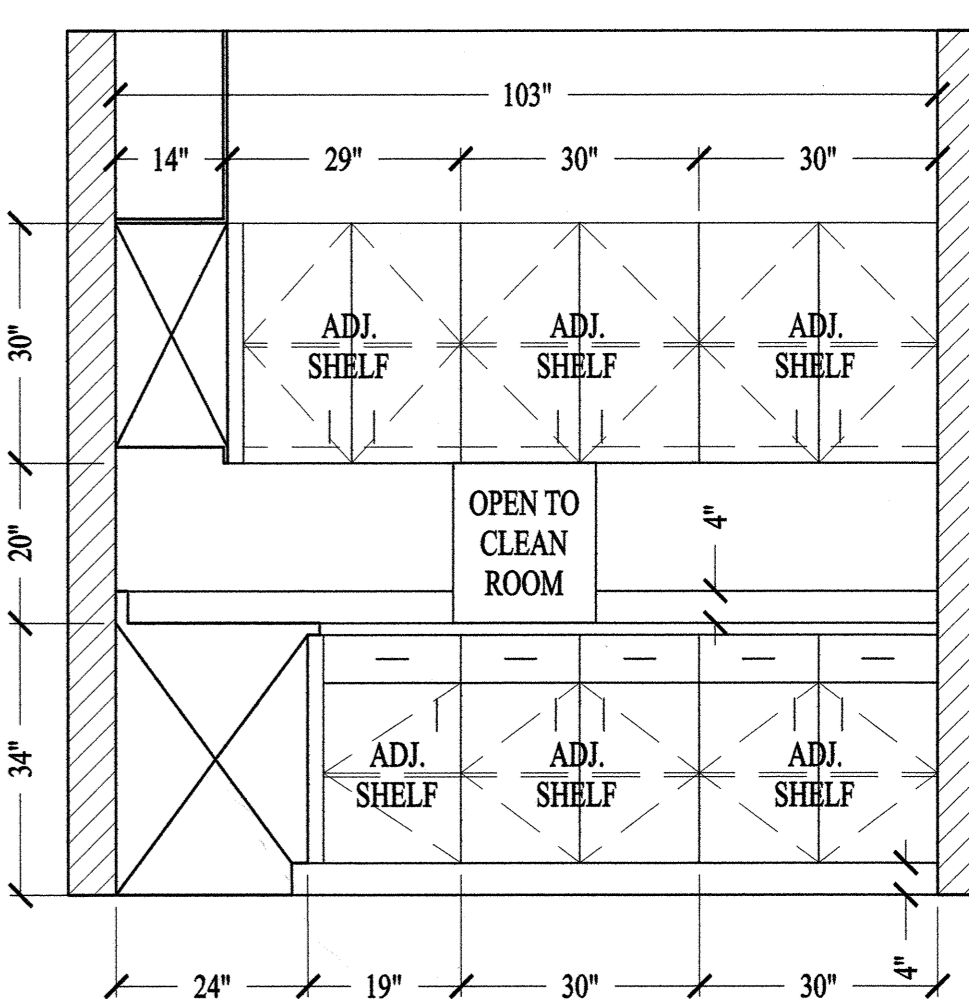
ELEVATION A  
PRE-OP ROOM 111  
SCALE: 1/2" = 1'-0"



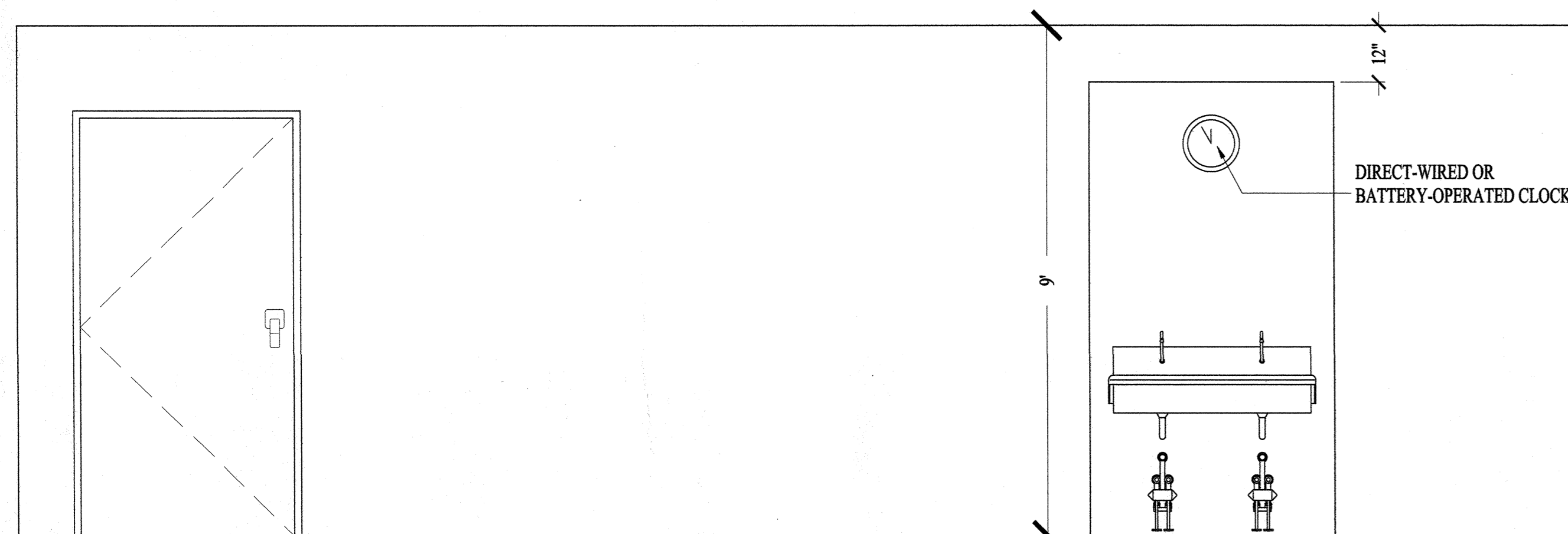
ELEVATION B  
NOTE: CABINET DEPTH 18"



ELEVATION A  
DIRTY ROOM 116  
SCALE: 1/2" = 1'-0"

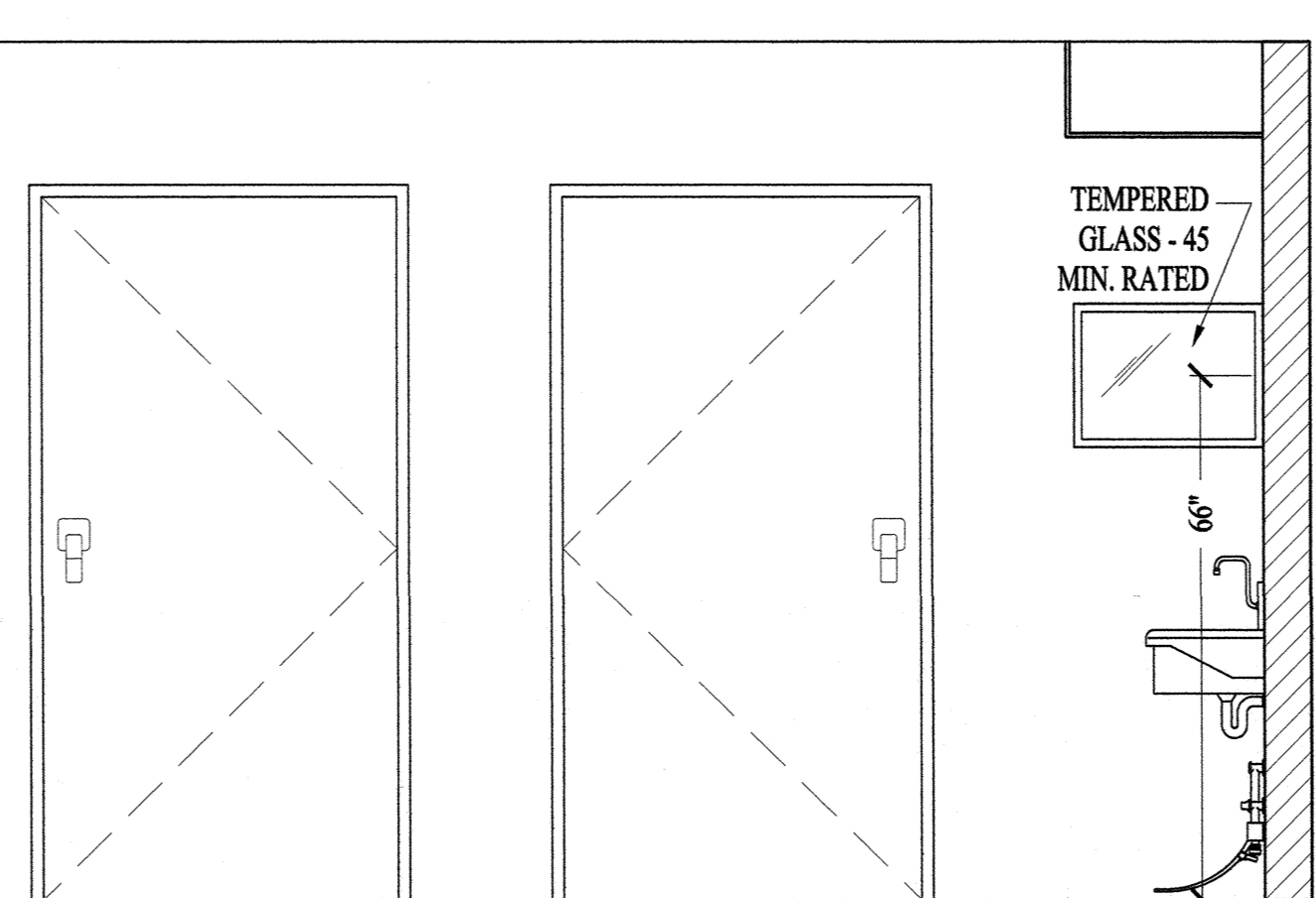


ELEVATION B



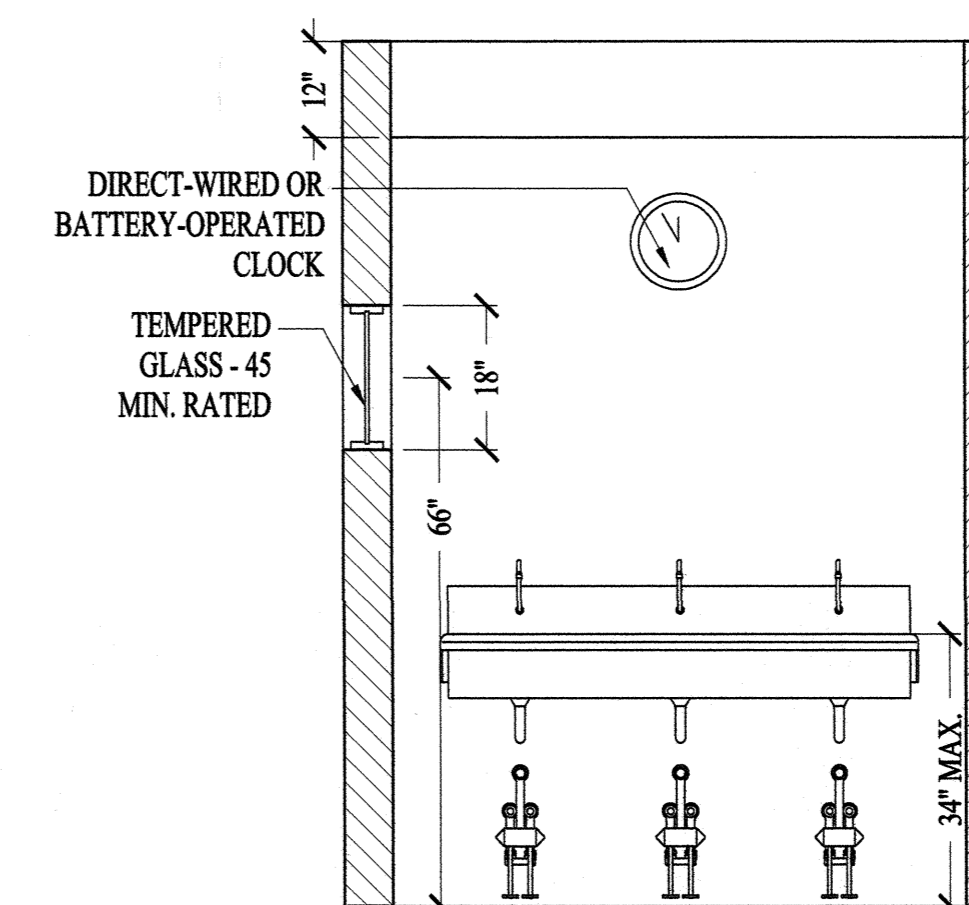
CORRIDOR 114  
SCALE: 1/2" = 1'-0"

ELEVATION A

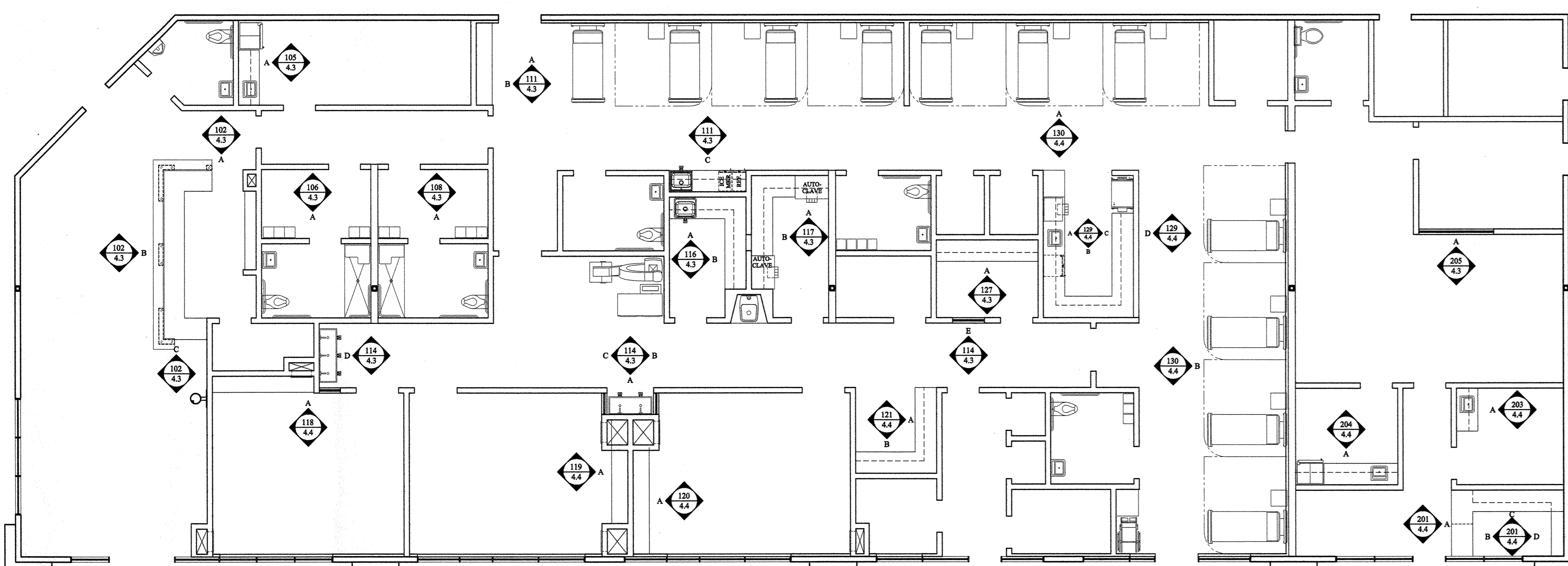


ELEVATION B

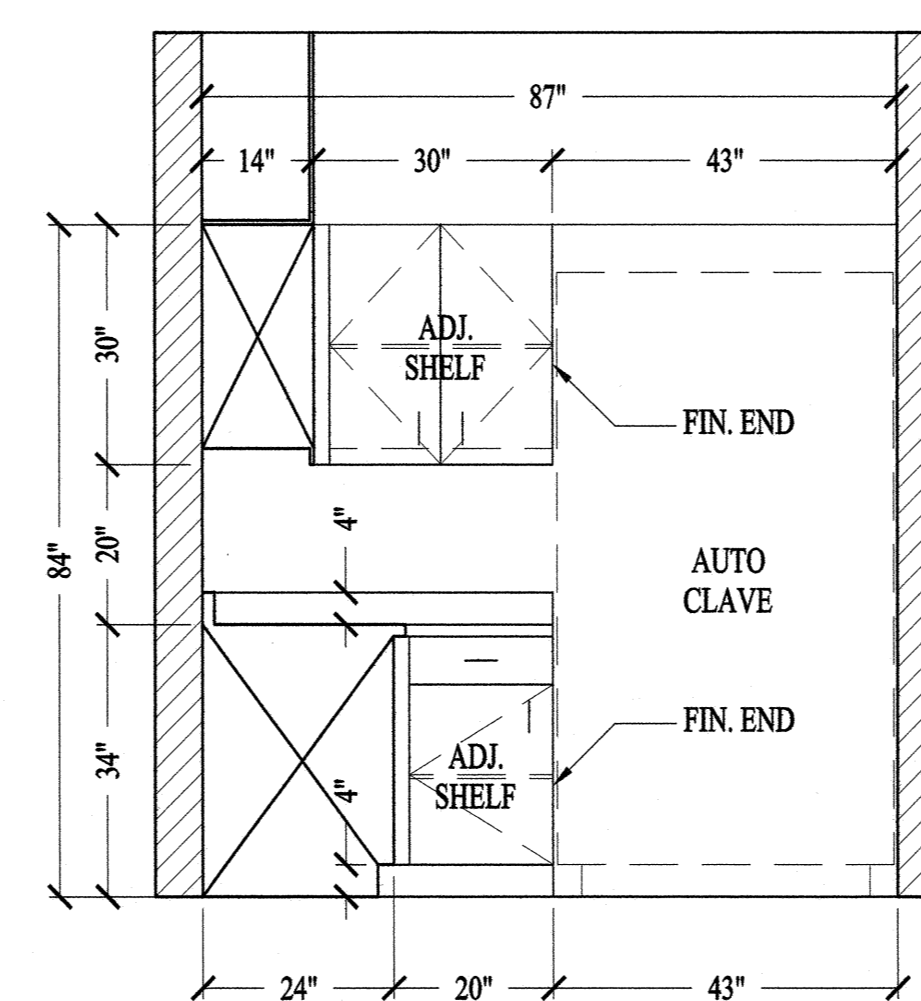
ELEVATION C



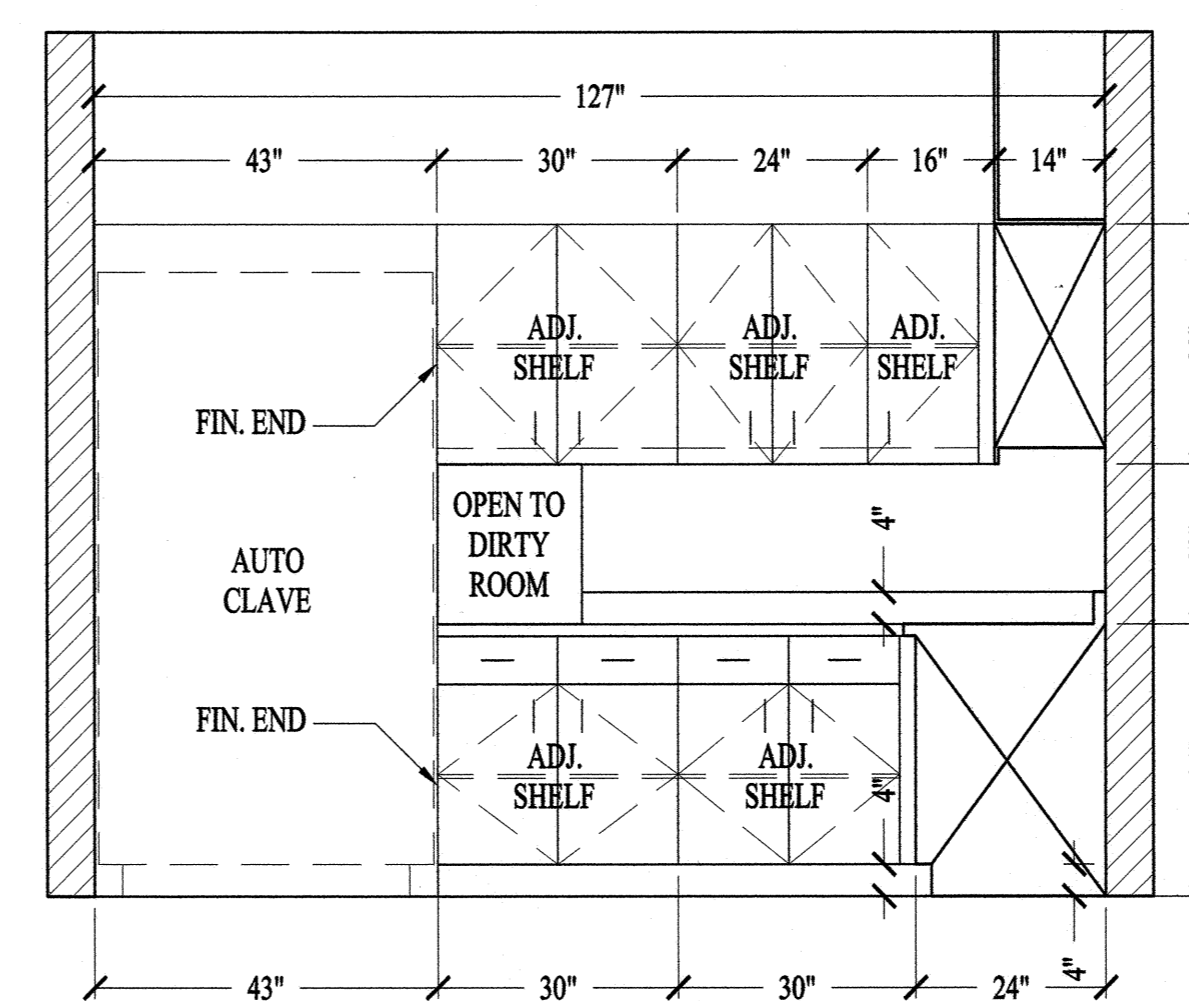
ELEVATION D



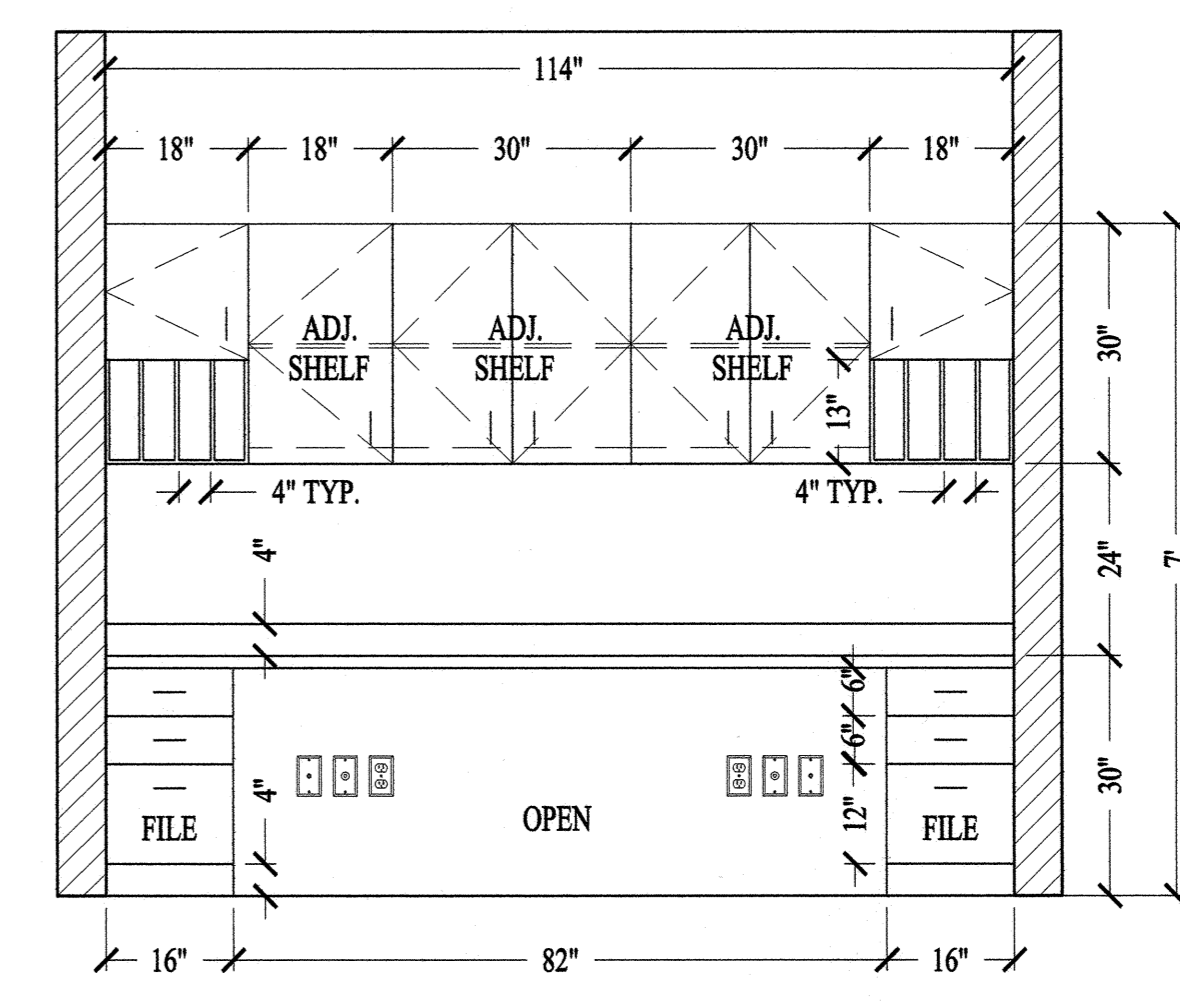
CABINET KEY PLAN  
SCALE: 1/8" = 1'-0"



ELEVATION A  
CLEAN ROOM 117  
SCALE: 1/2" = 1'-0"



ELEVATION B



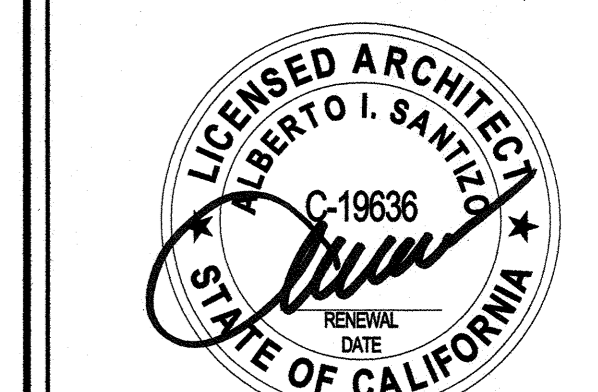
ELEVATION A  
DICTATION ROOM 127  
SCALE: 1/2" = 1'-0"

10165B06-07

BRISTOL CLINIC AND SURGERY CENTER  
3200 SOUTH BRISTOL STREET  
SANTA ANA, CALIFORNIA 92704

MARK	DATE	REVISION/ISSUE
1	05/07/09	CITY CORRECTIONS
2	06/15/09	CITY CORRECTIONS
3	07/08/09	CITY CORRECTIONS

**PRISMA ARCHITECTURAL GROUP**  
15549 DEVONSHIRE ST., SUITE 1  
MISSION HILLS, CALIFORNIA 91345  
TEL: (818) 672-2606  
FAX: (818) 672-2607



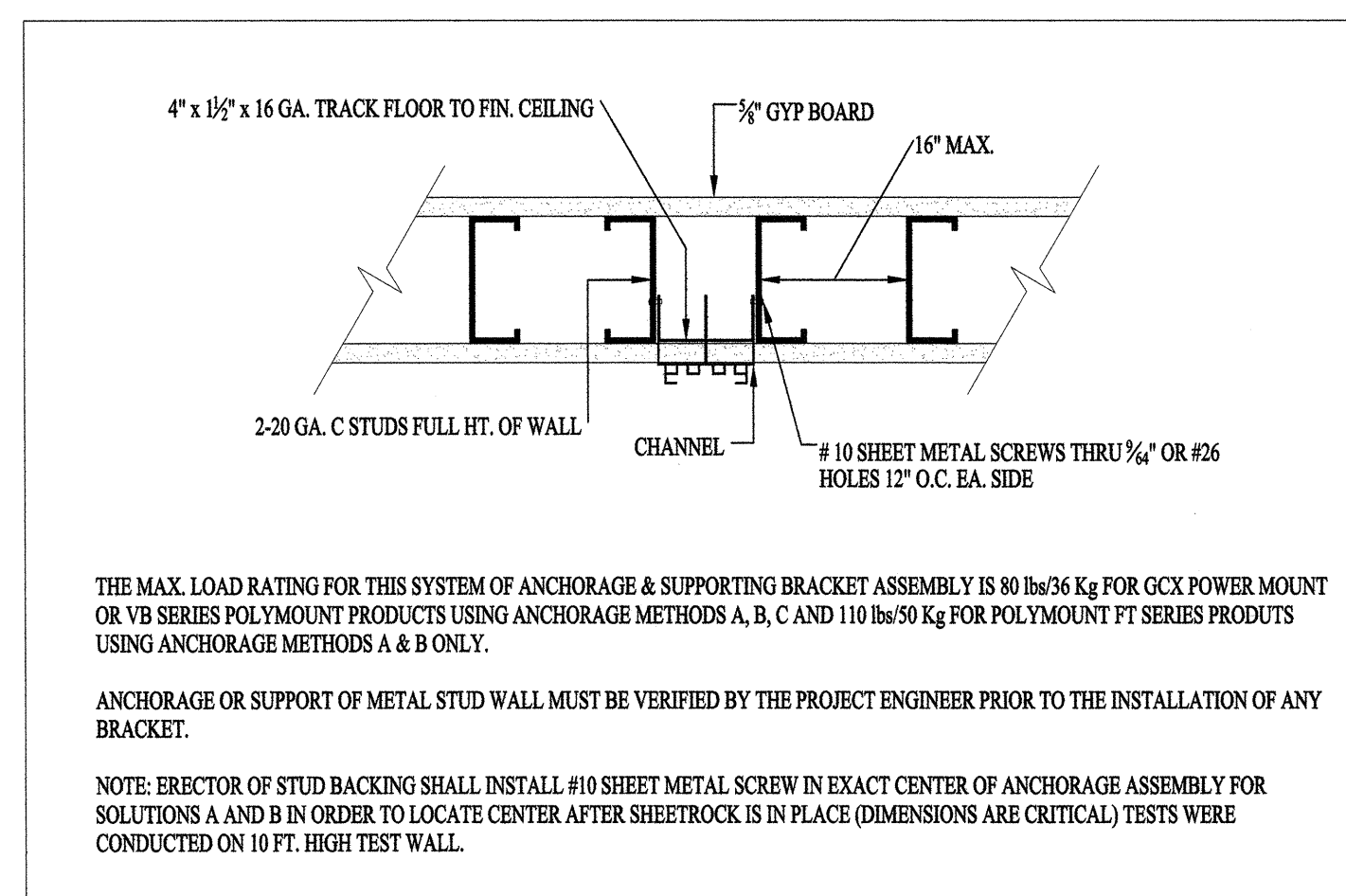
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**CABINET ELEVATIONS**

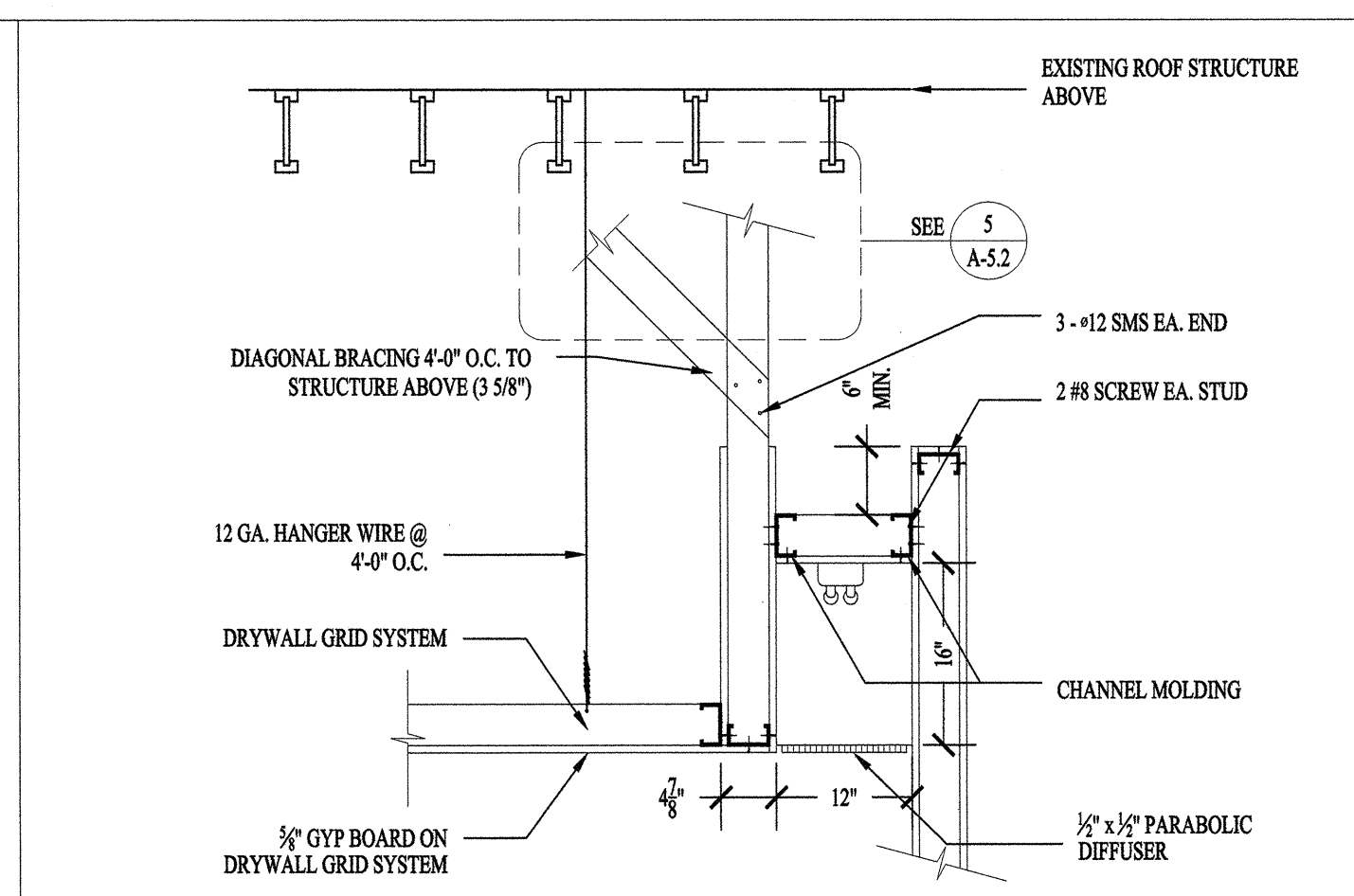
SCALE	SHEET #
VARIOUS	A-4.3
DATE: 7/13/2009	
PROJECT: 09-101-A	



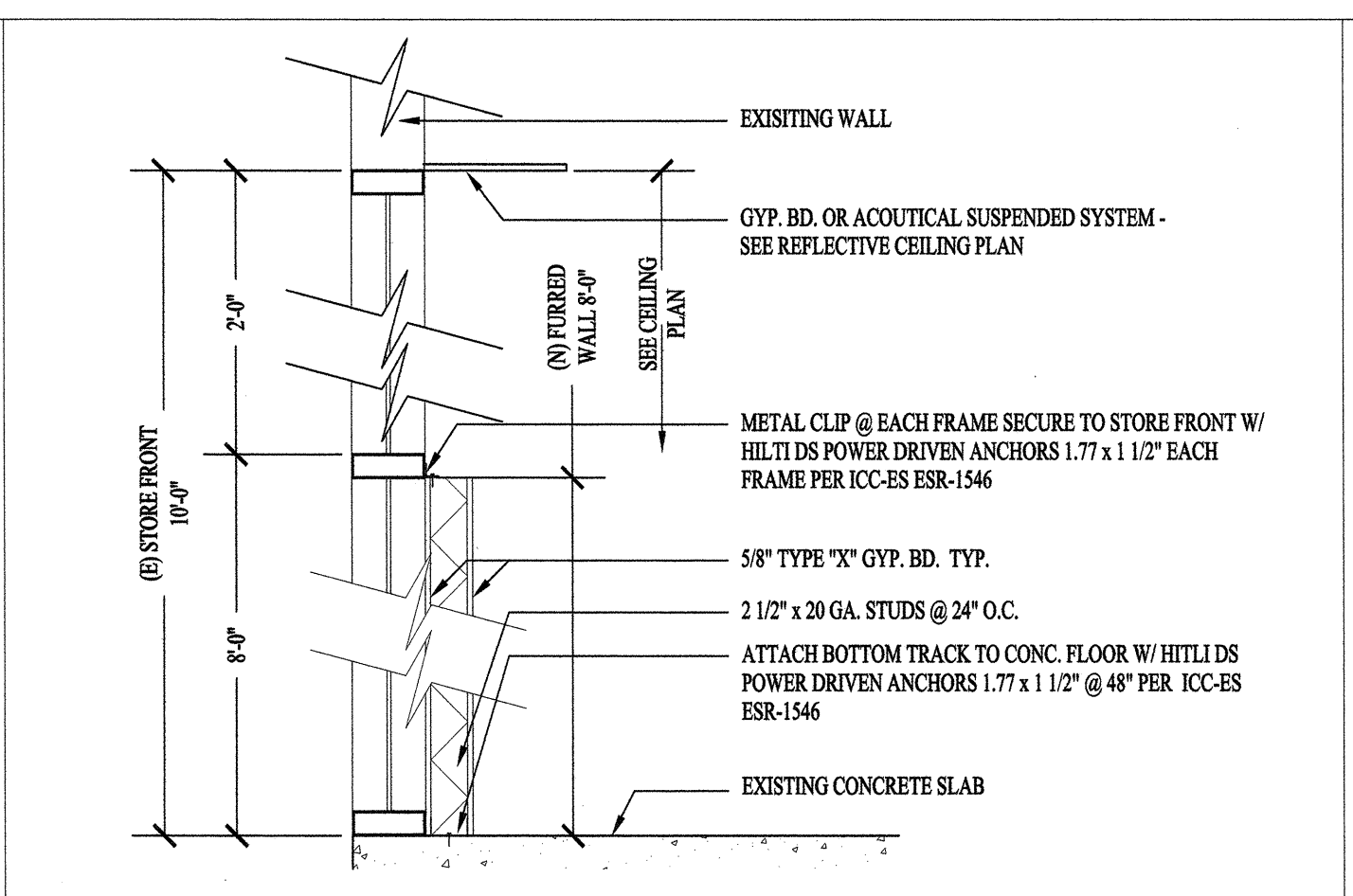




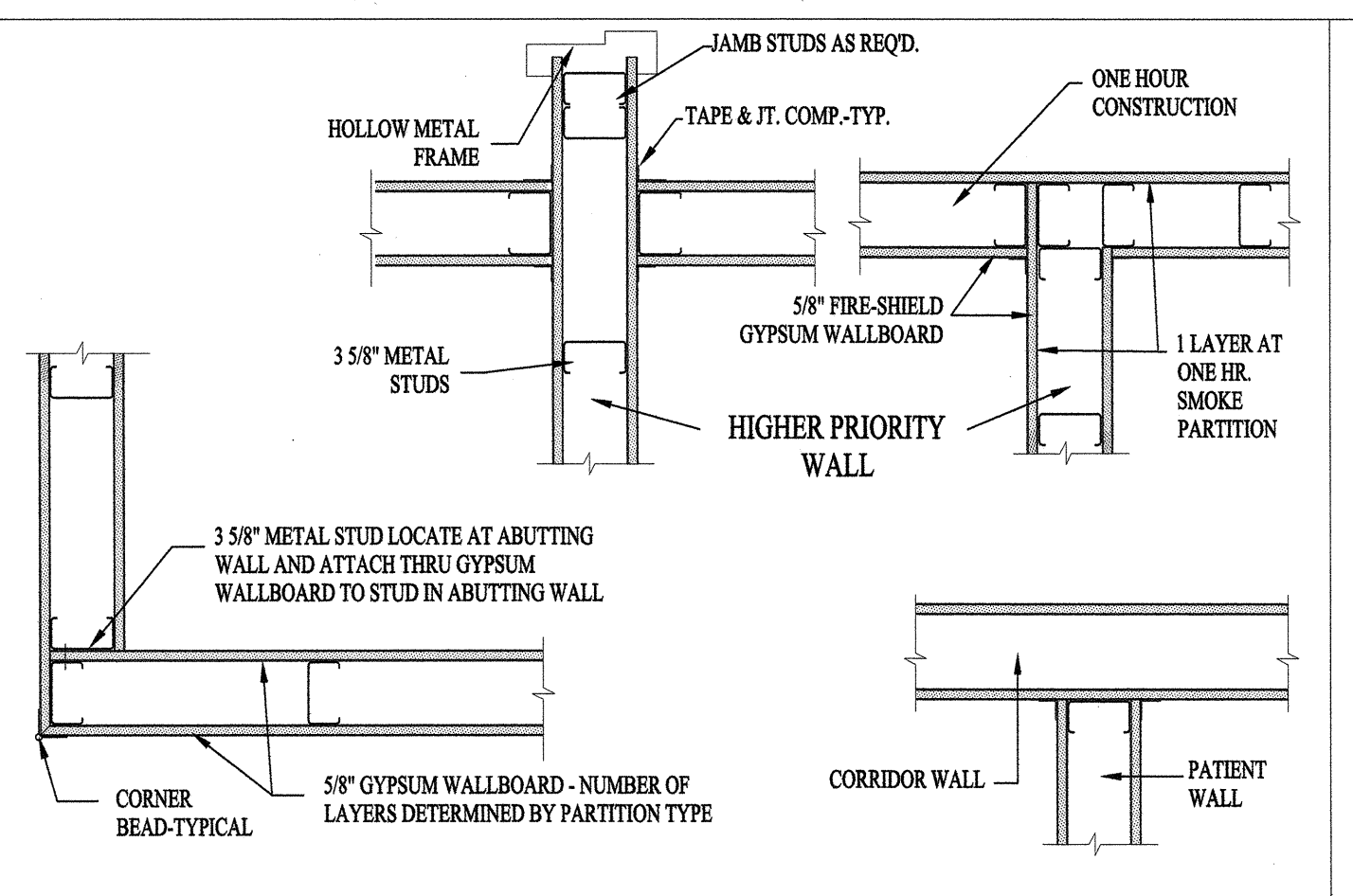
**MONITOR SUPPORT**  
SCALE: 1-1/2" = 1'-0"



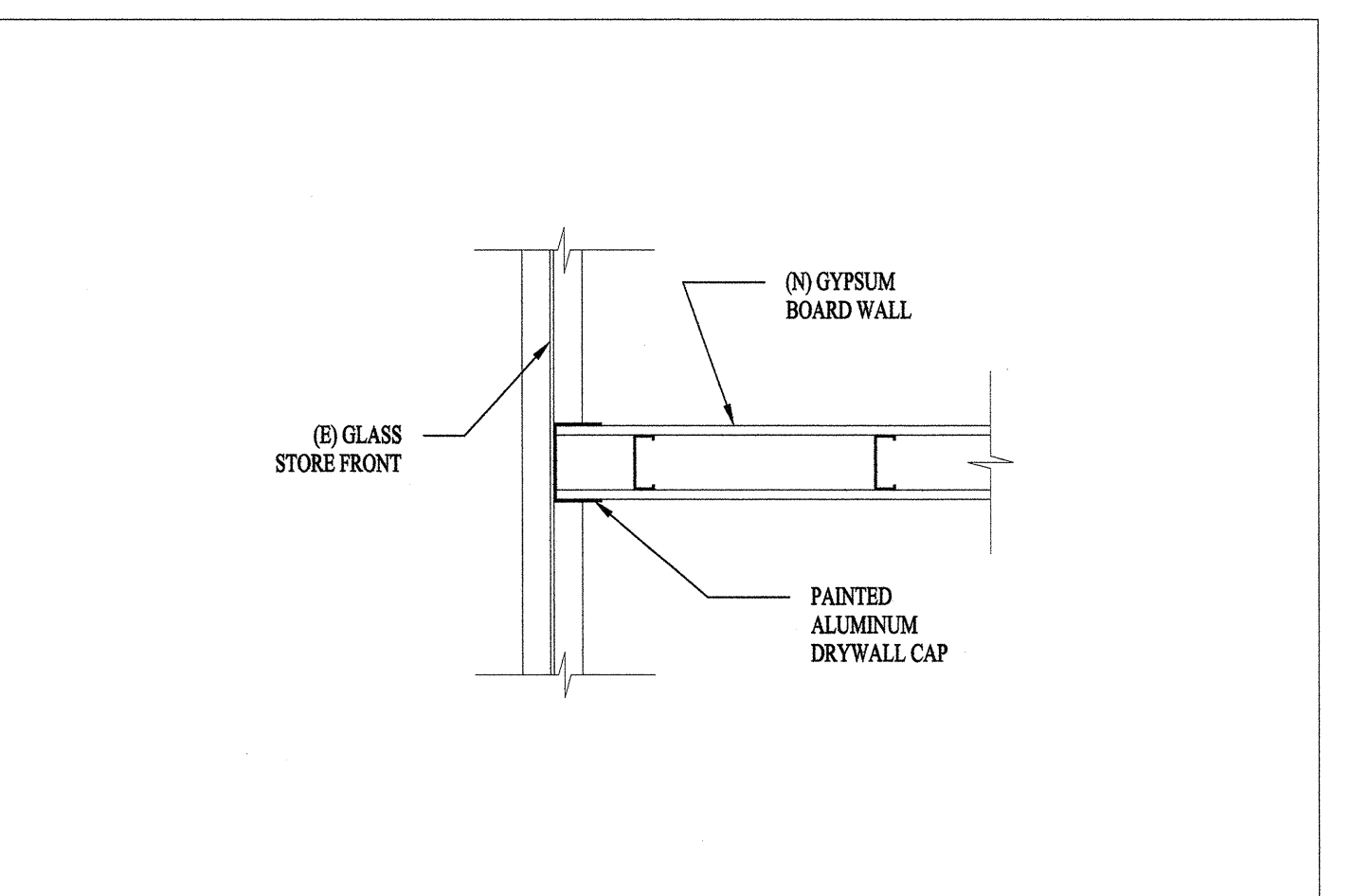
**TYP. LIGHT COVE - GYP. BD. CEILING**  
SCALE: 3/4" = 1'-0"



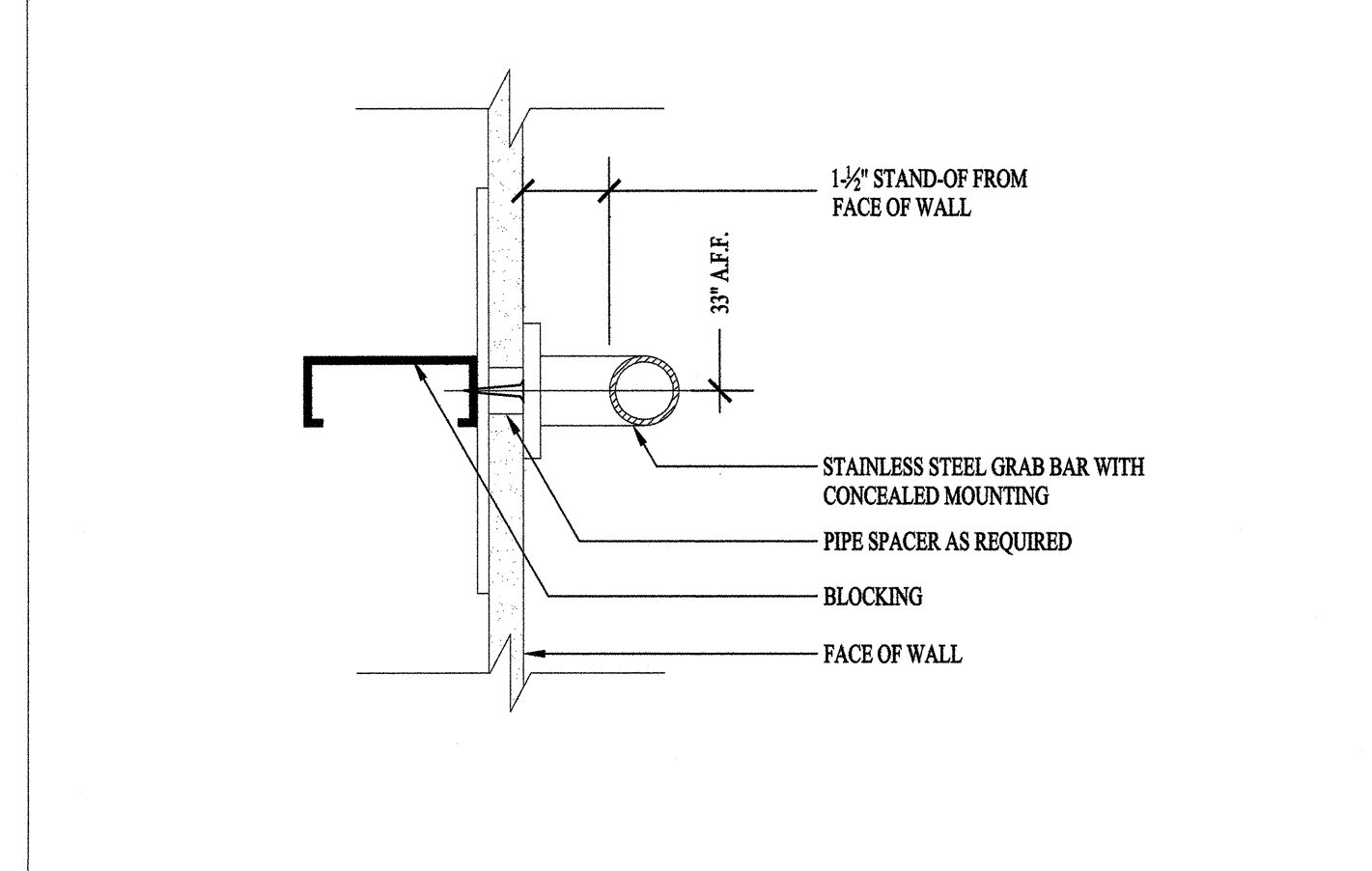
**FURRING WALL AT STORE FRONT**  
SCALE: 1" = 1'-0"



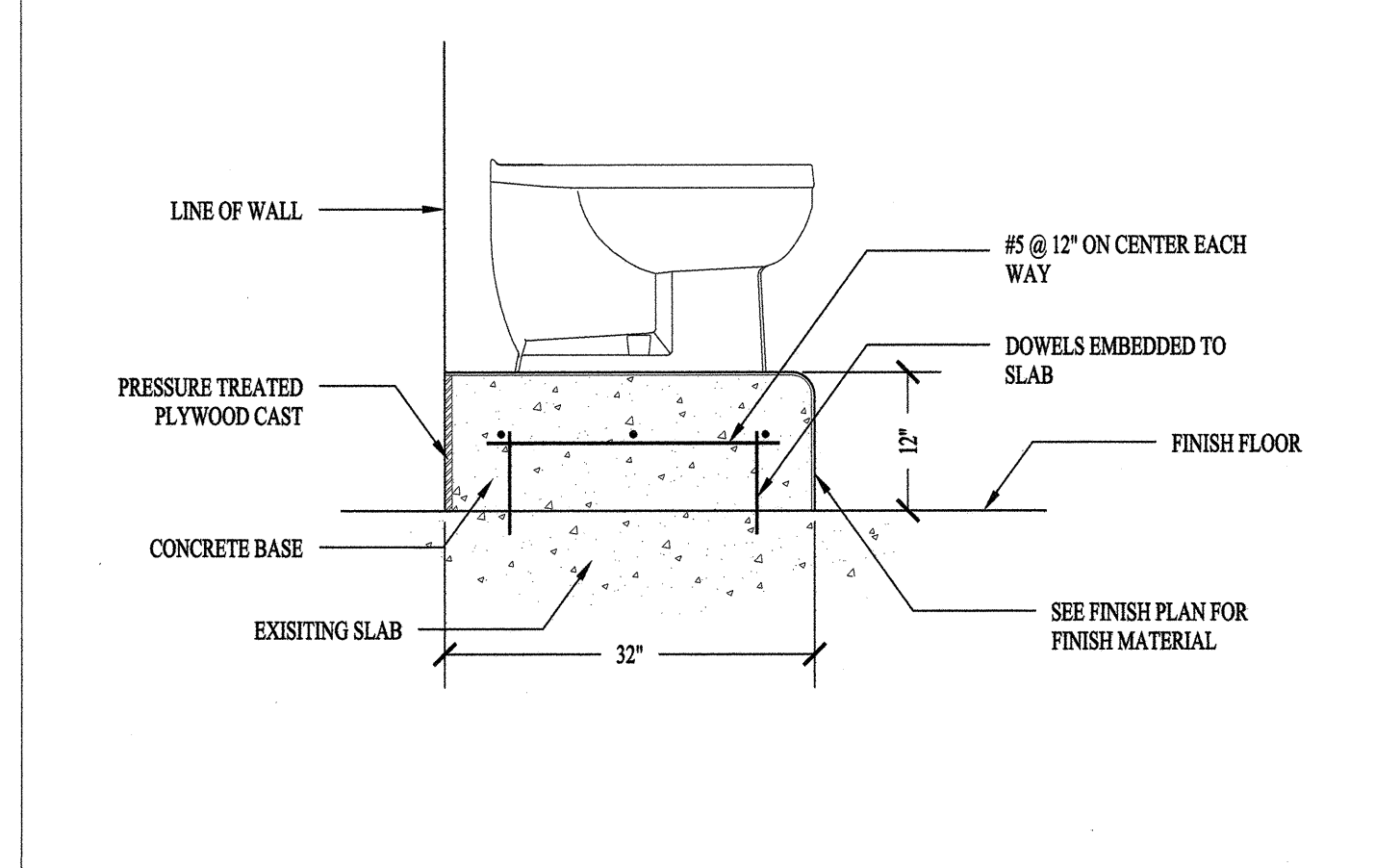
**TYPICAL CORNER AND INTERSECTION DETAIL OF RATED WALL**  
SCALE: NTS.



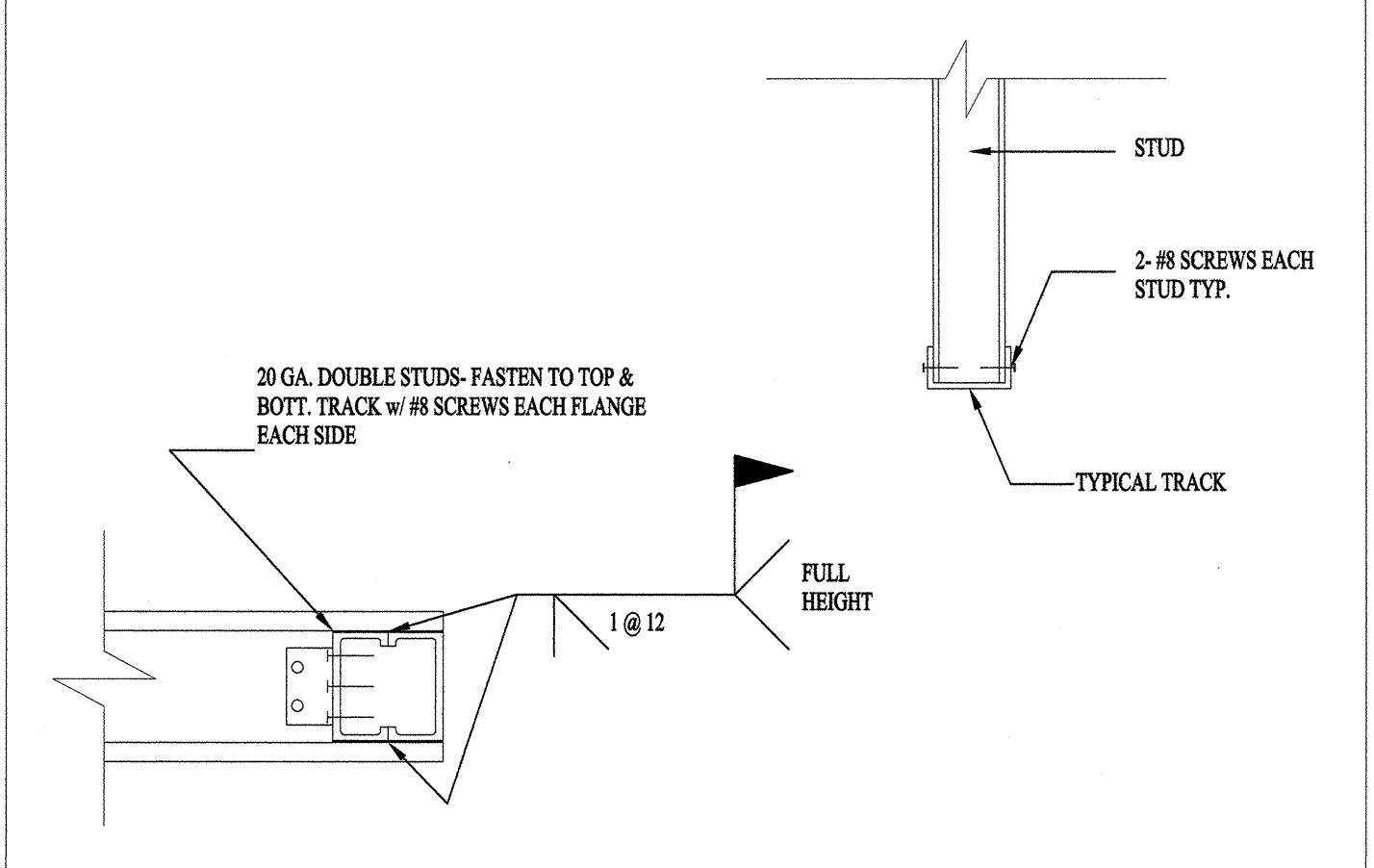
**FINISH OF WALL AT STORE FRONT (PLAN VIEW)**  
SCALE: 1" = 1'-0"



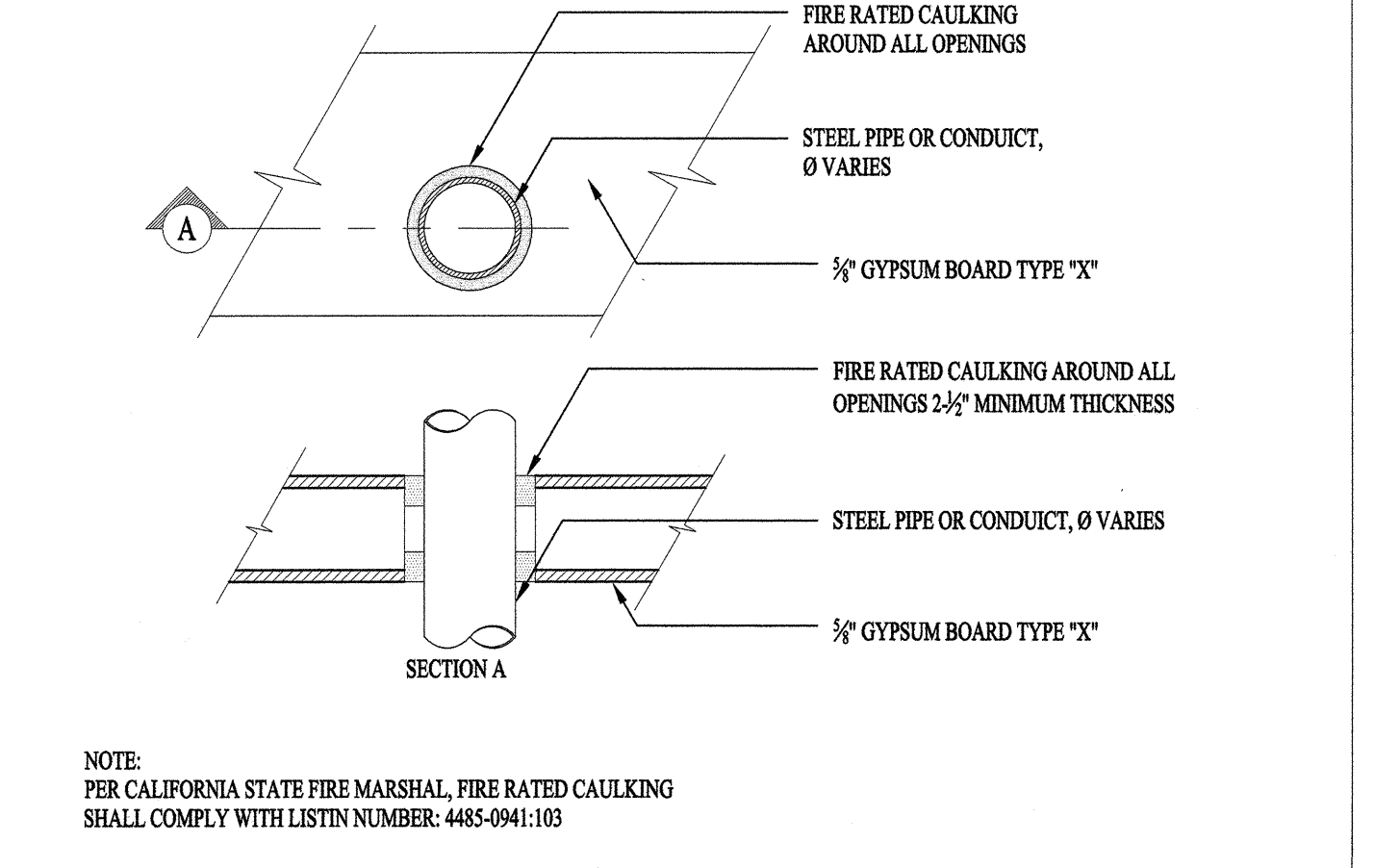
**GRAB BAR SECTION**  
SCALE: NTS.



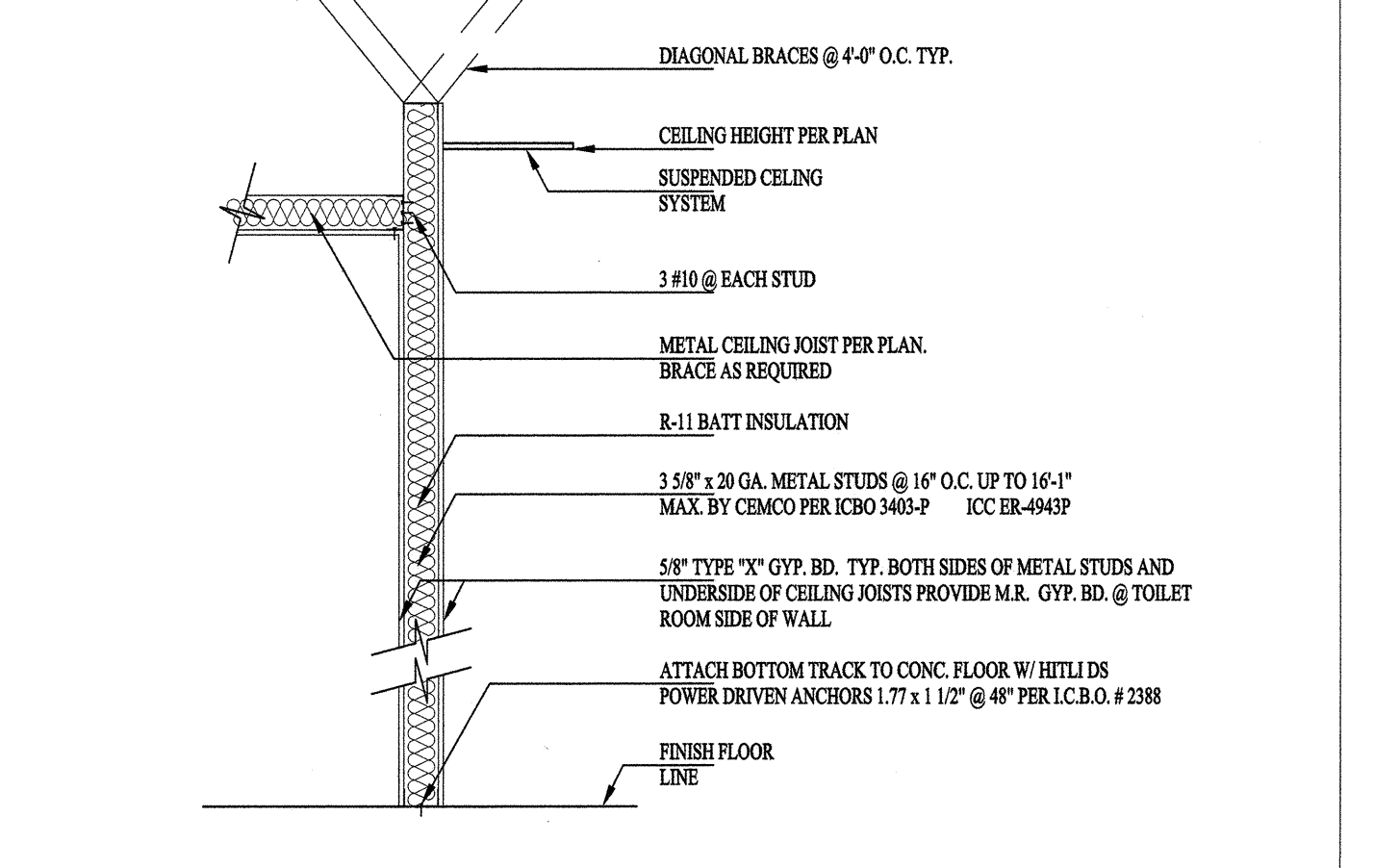
**CLINICAL SINK STAND**  
SCALE: 3/4" = 1'-0"



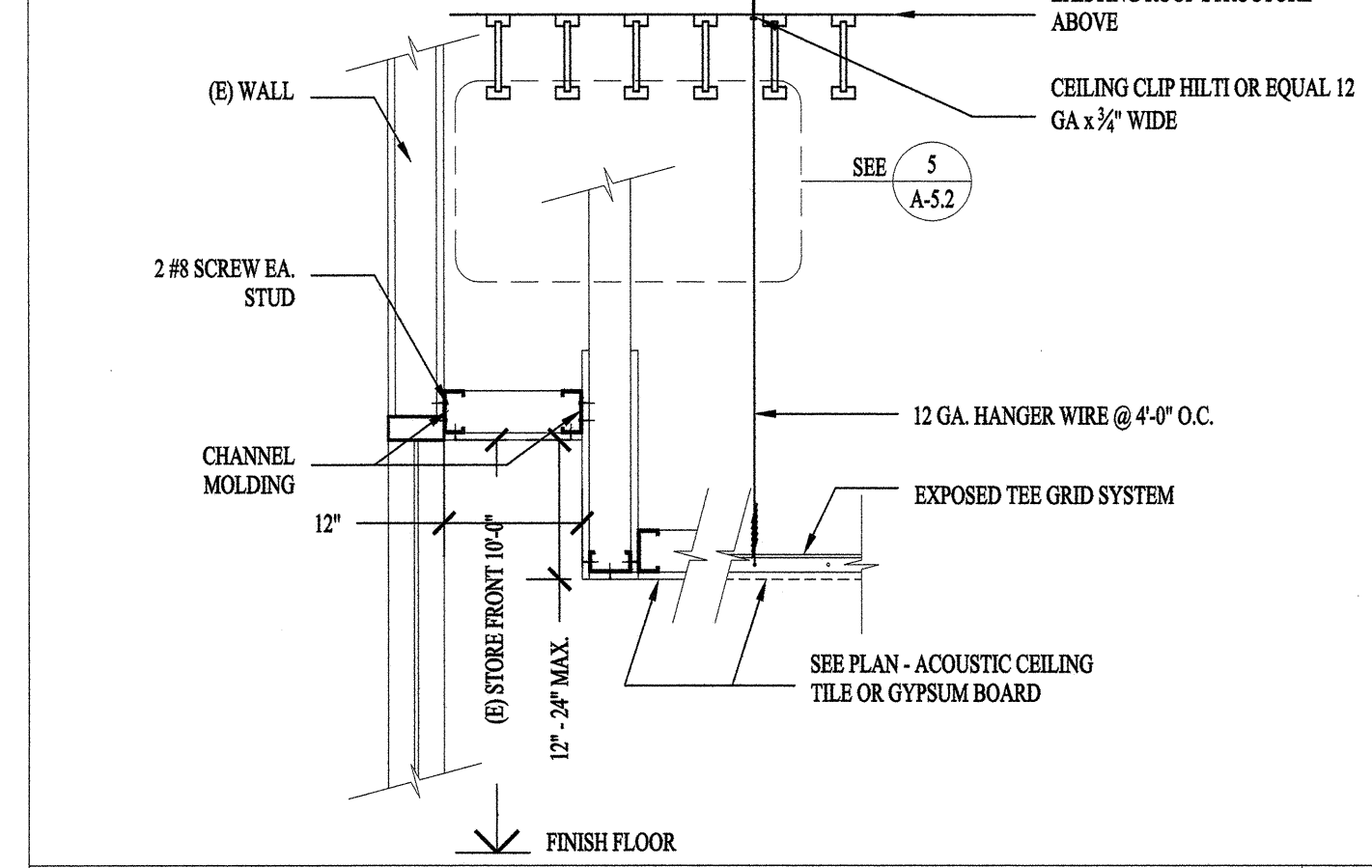
**JAMB AND HADER DETAIL**  
SCALE: NTS.



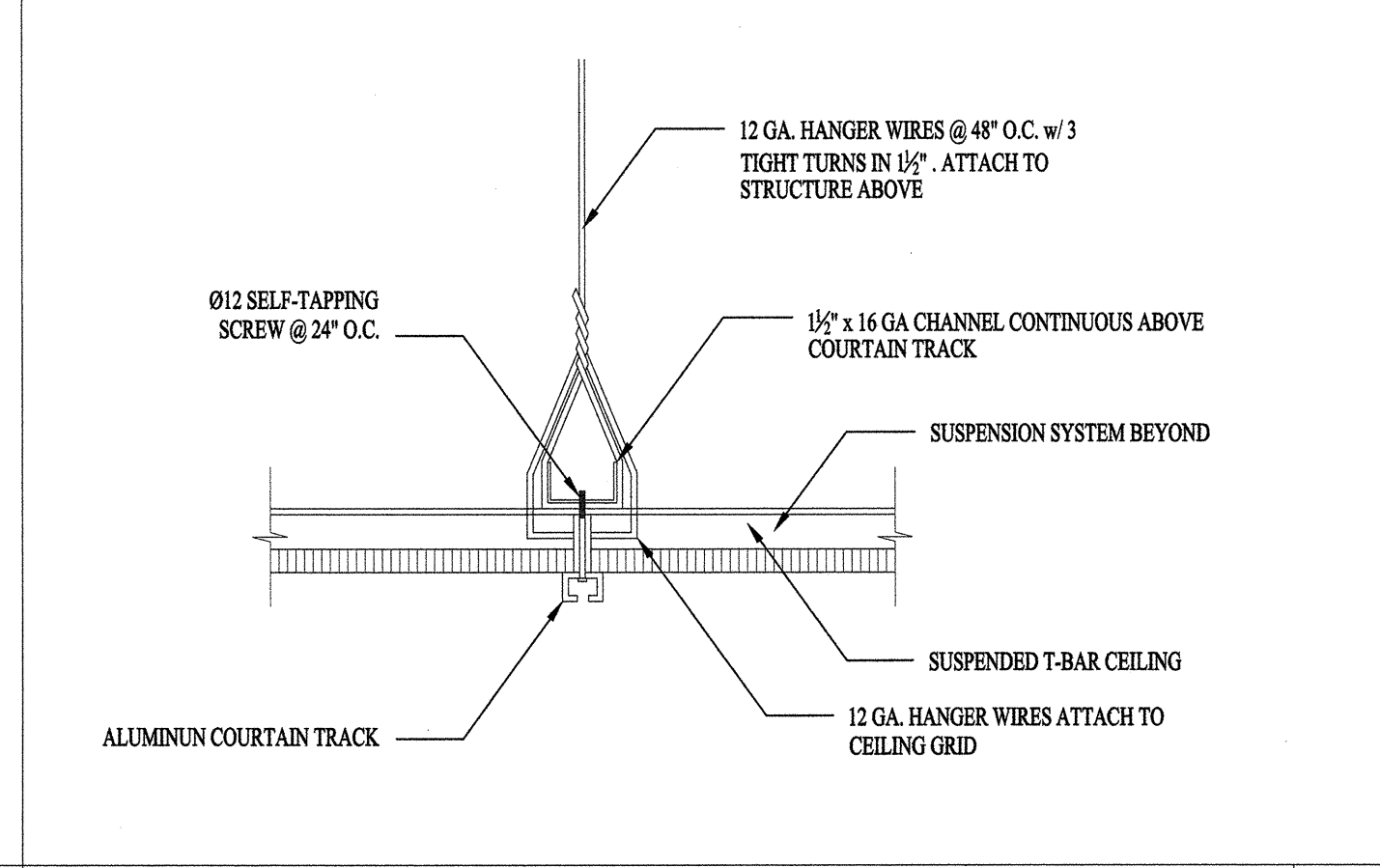
**PENETRATION AT FIRE RATED WALL**  
SCALE: NTS.



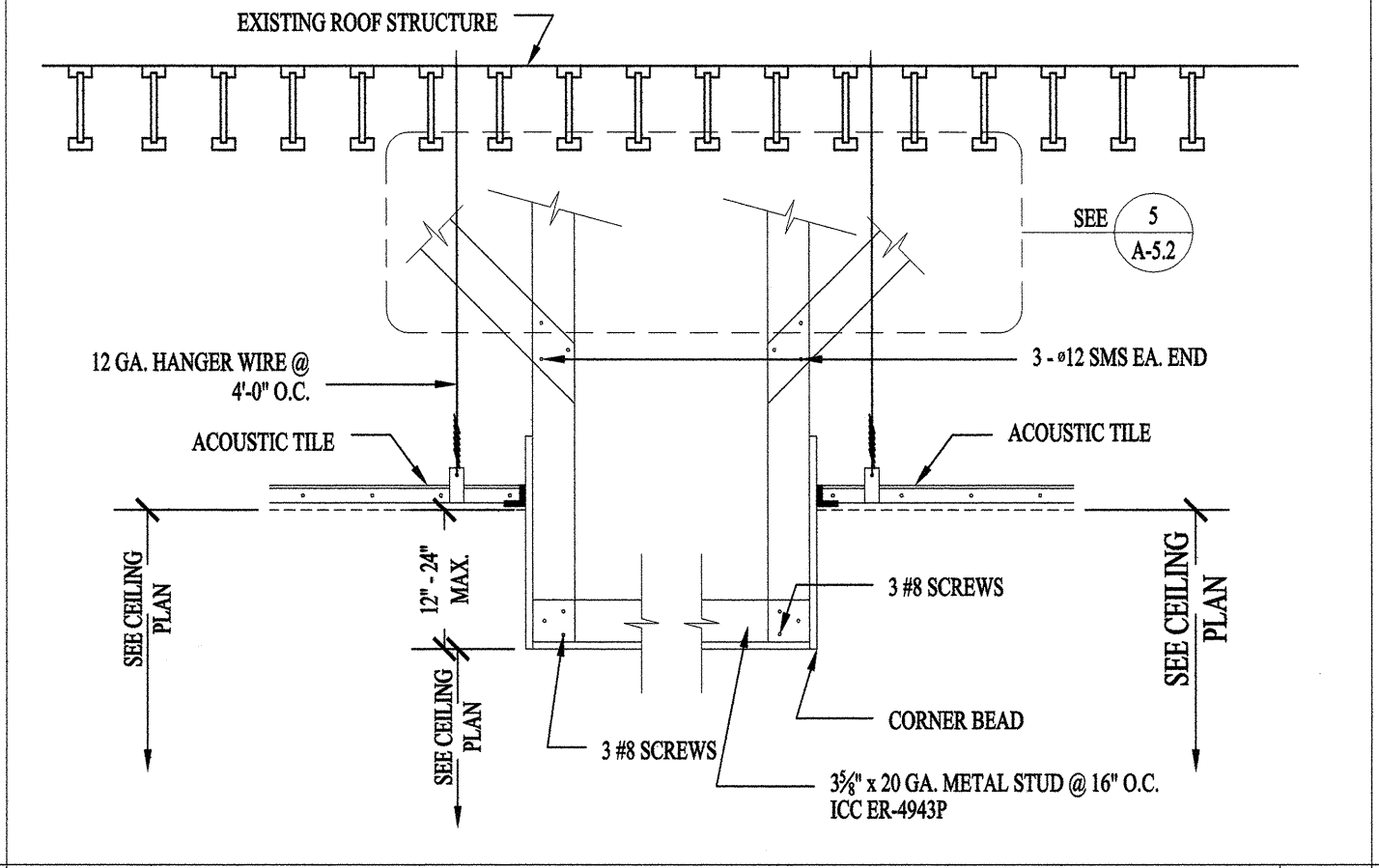
**WALL DETAIL**  
SCALE: 1/2" = 1'-0"



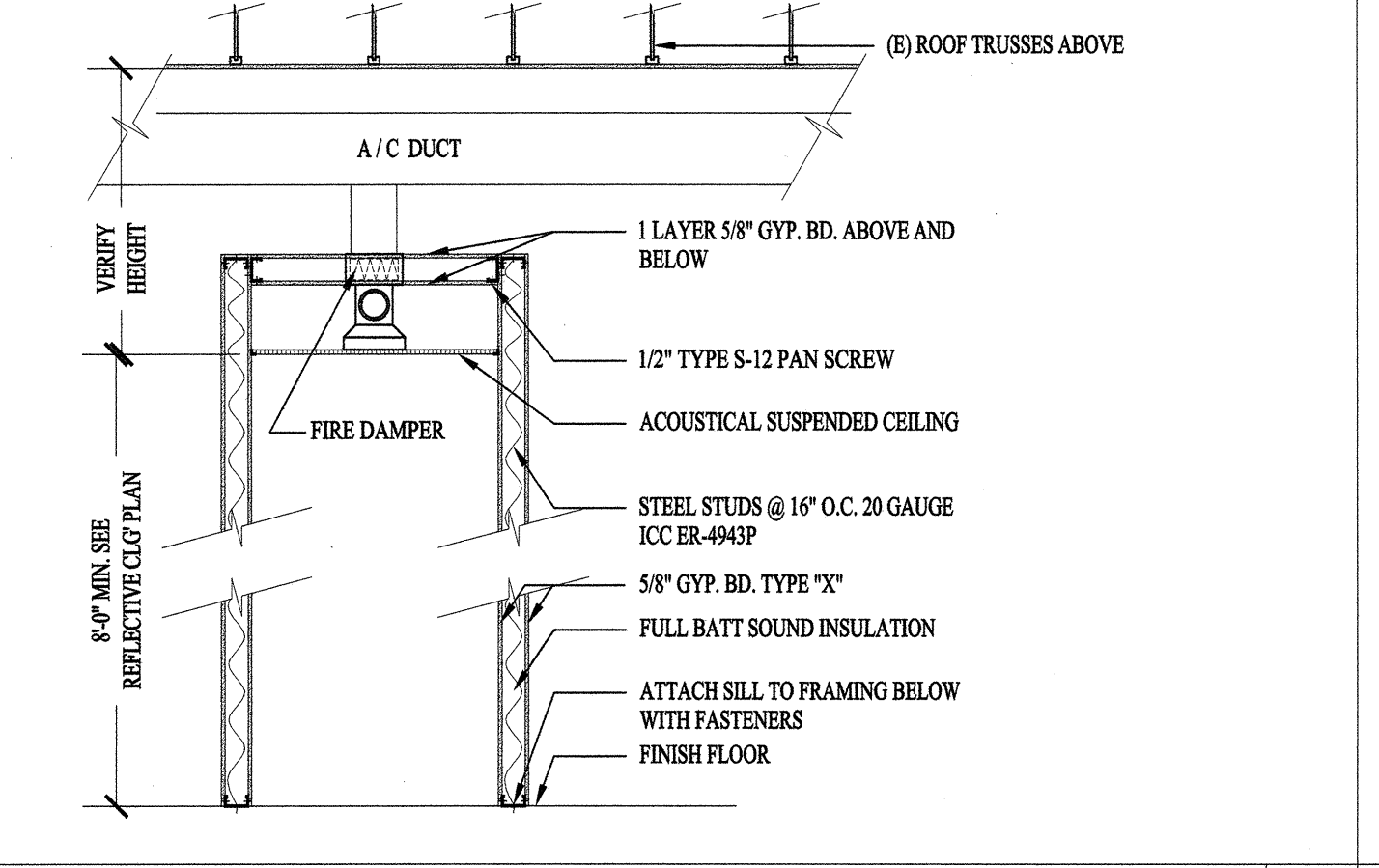
**CEILING TO STORE FRONT CONNECTION DETAIL**  
SCALE: 3/4" = 1'-0"



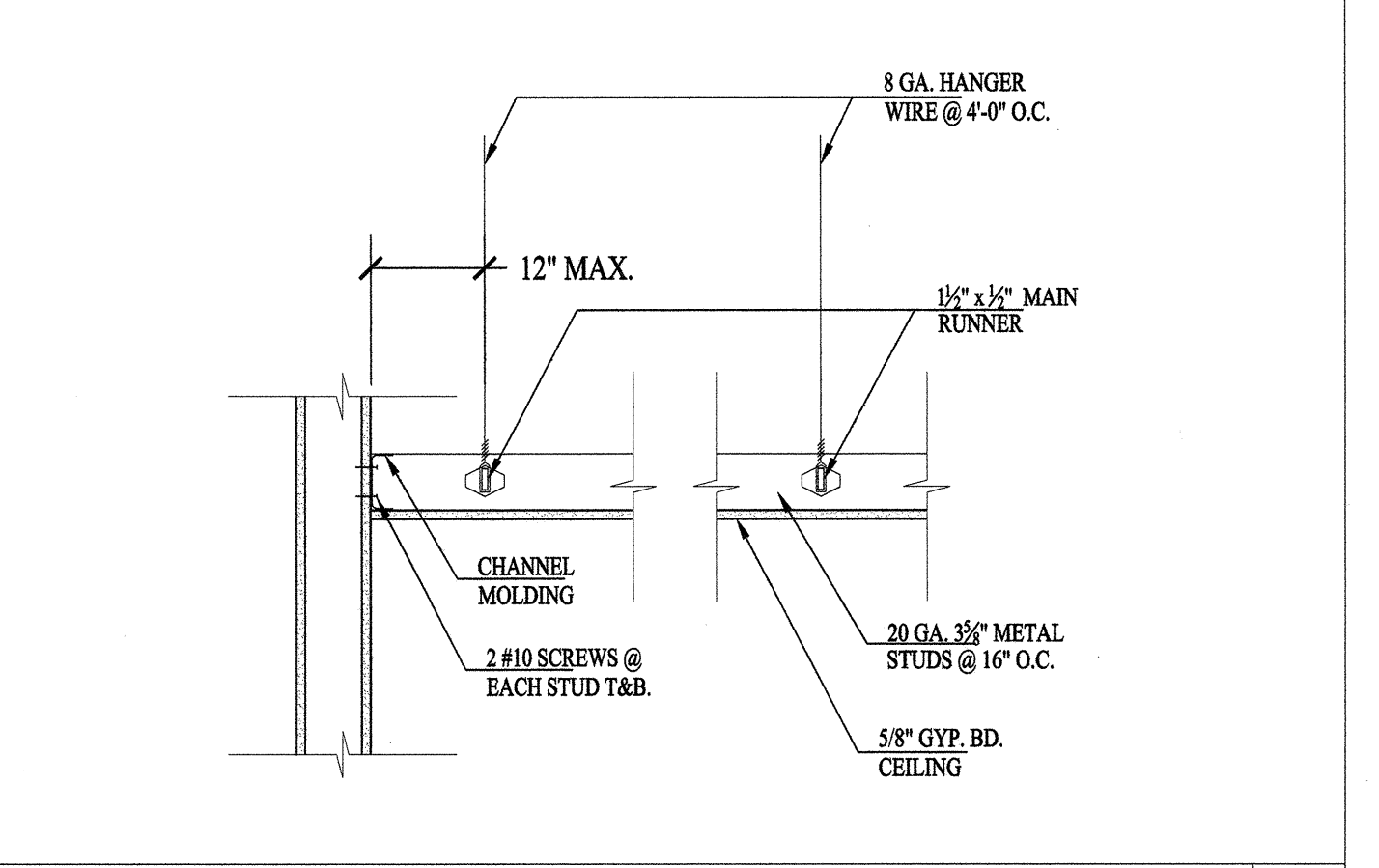
**CURTAIN TRACK SUPPORT**  
SCALE: 1/2" = 1'-0"



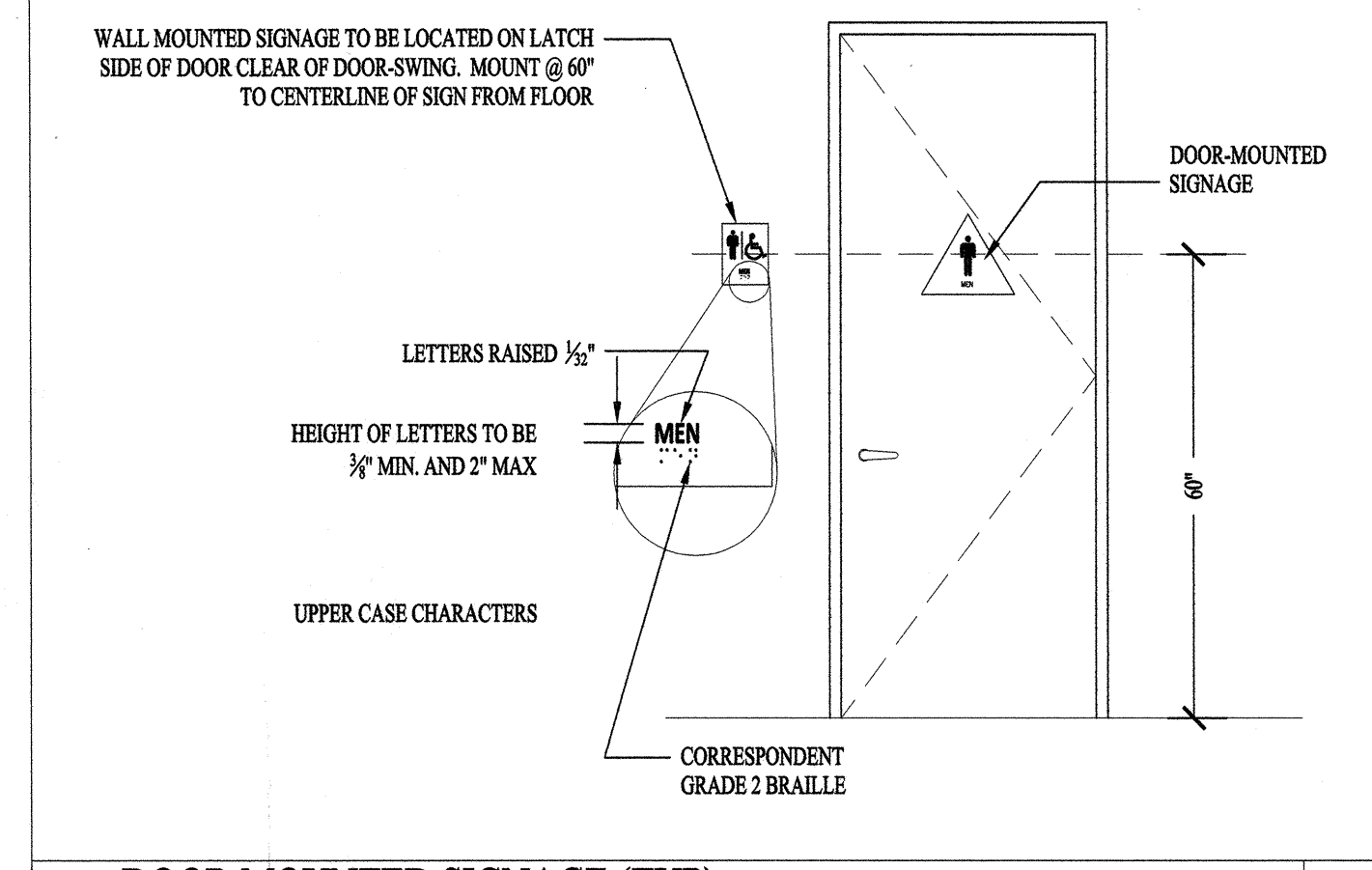
**CEILING TRANSITION**  
SCALE: 3/4" = 1'-0"



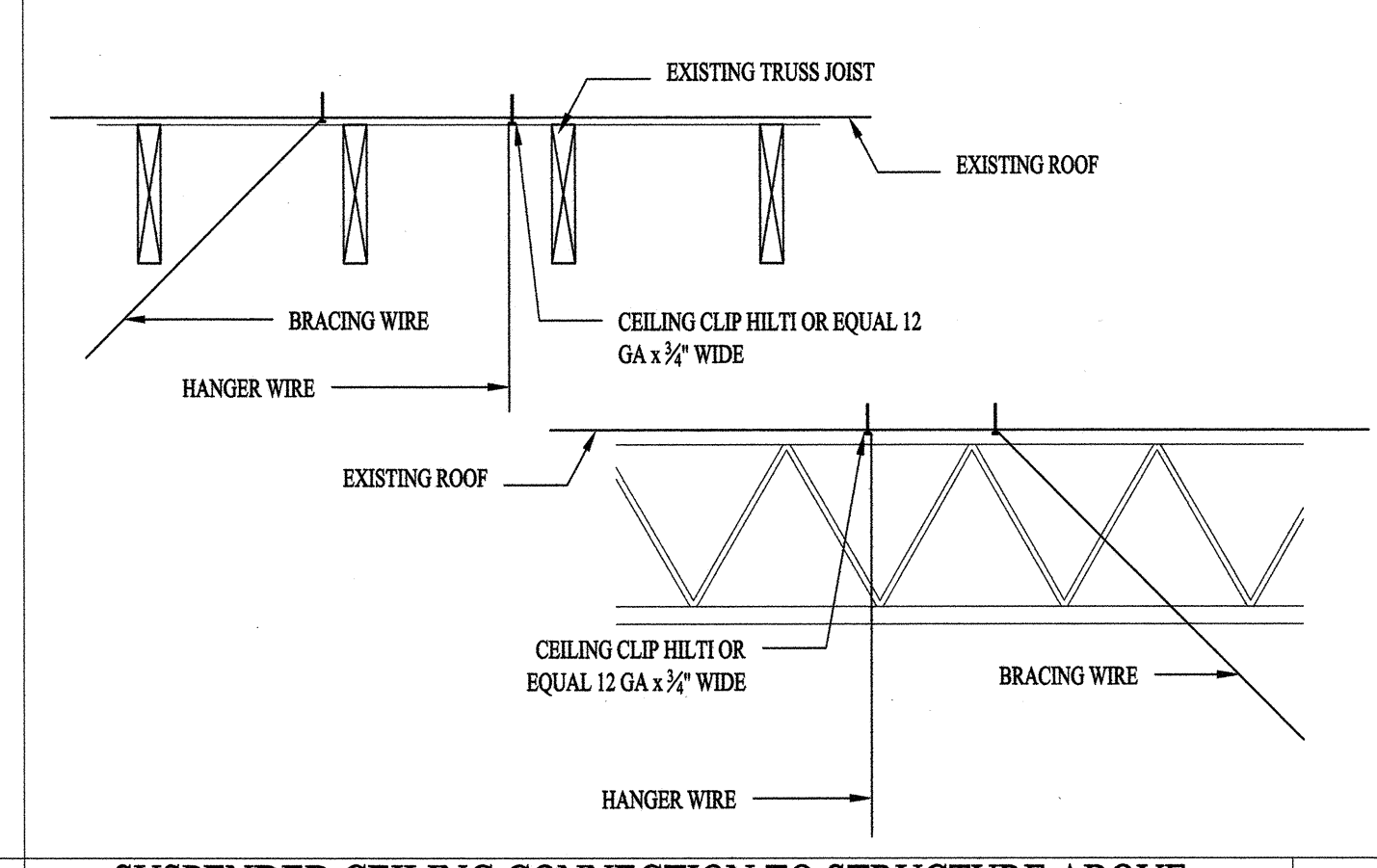
**1 HOUR CORRIDOR DETAIL (TYP.)**  
SCALE: 3/8" = 1'-0"



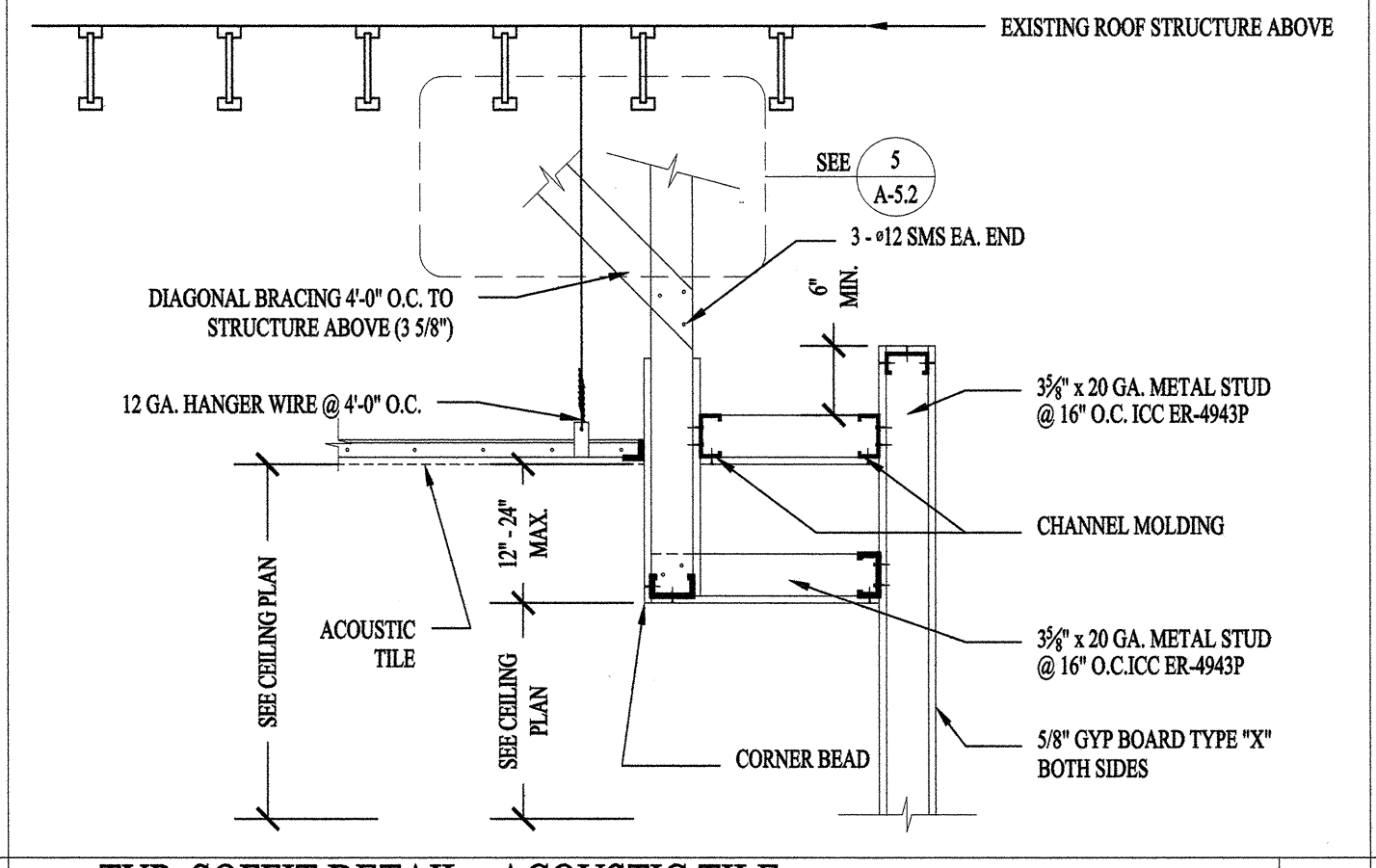
**GYPSUM BOARD CEILING DETAIL**  
SCALE: 1" = 1'-0"



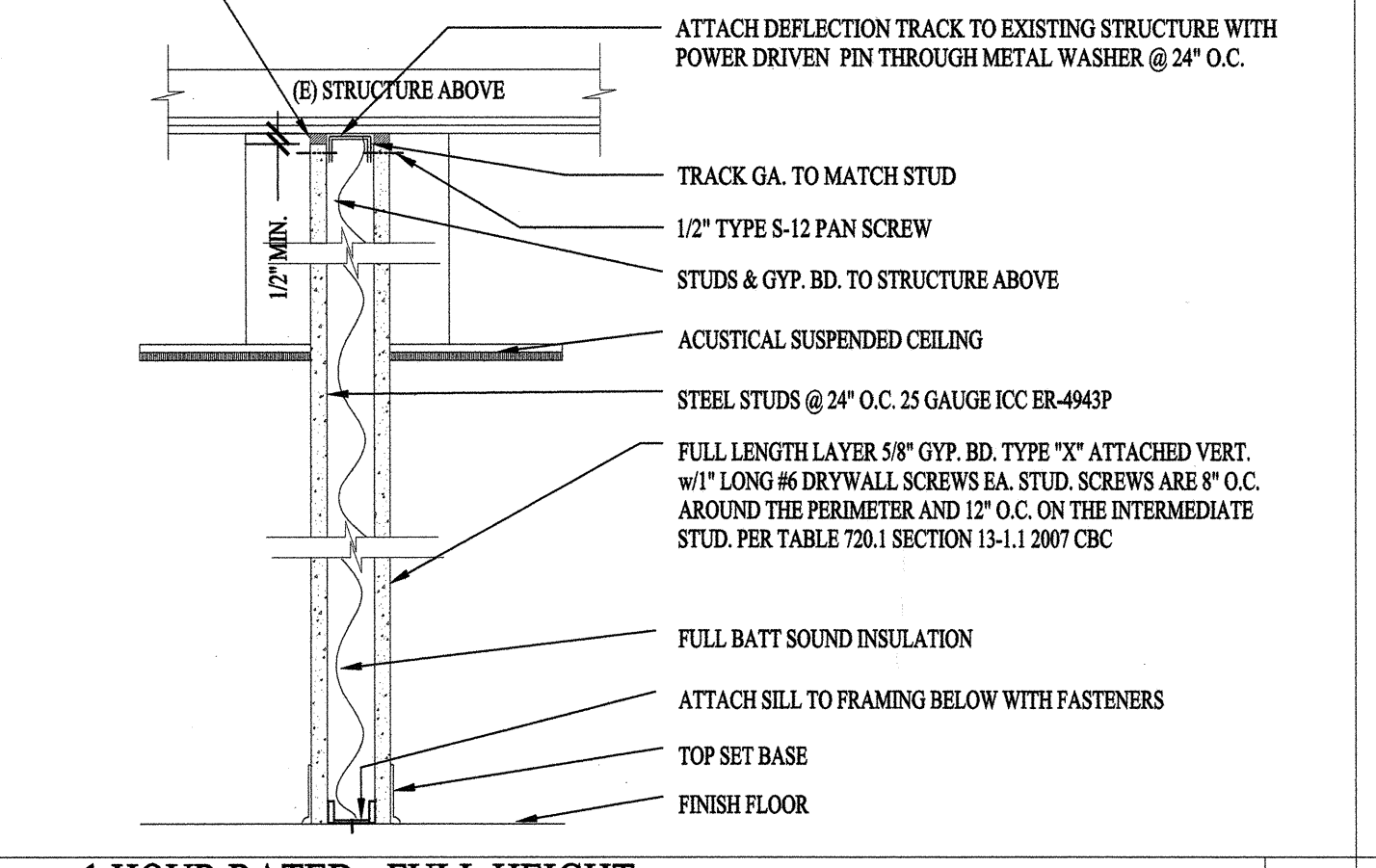
**DOOR MOUNTED SIGNAGE (TYP.)**  
SCALE: 1/2" = 1'-0"



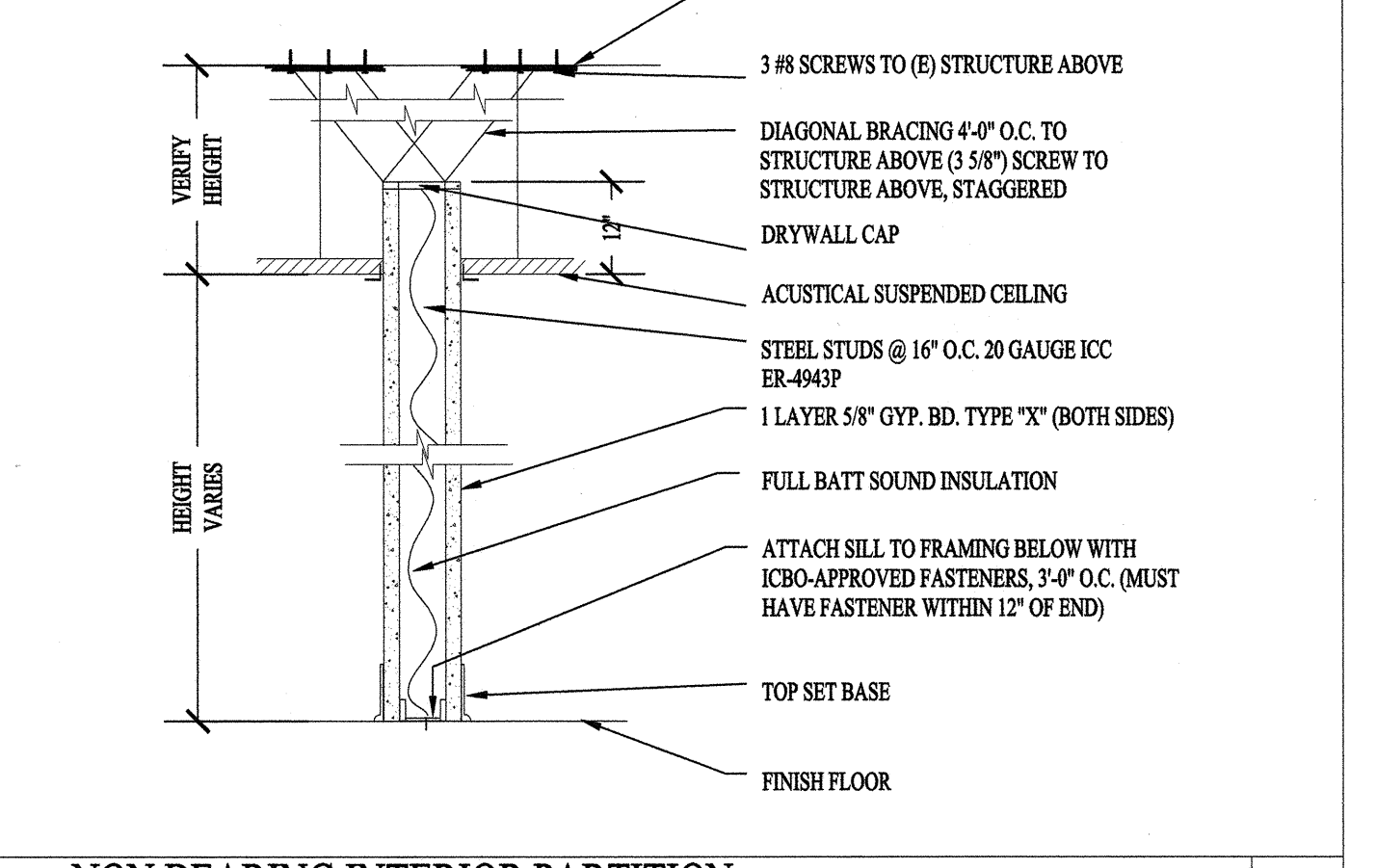
**SUSPENDED CEILING CONNECTION TO STRUCTURE ABOVE**  
SCALE: 3/4" = 1'-0"



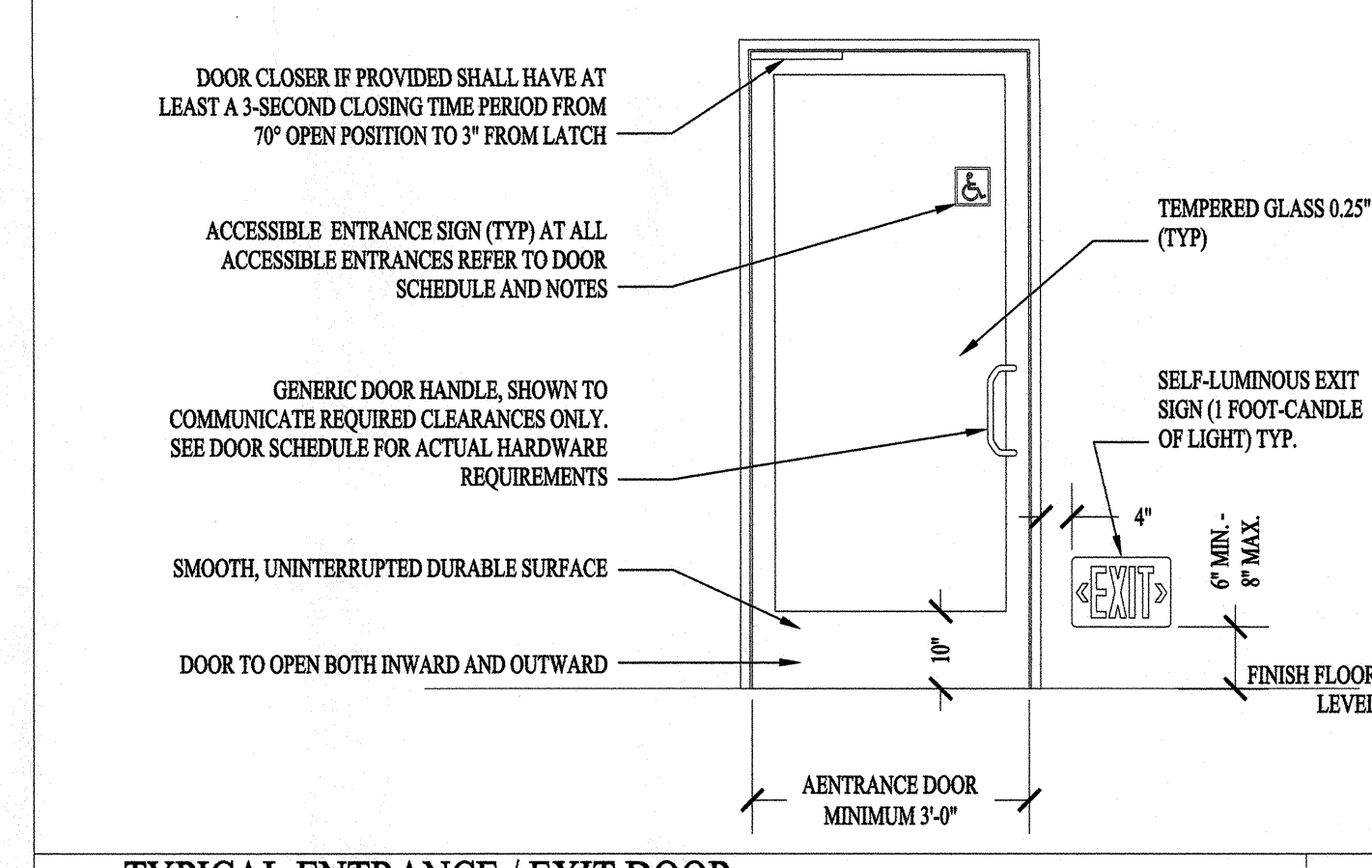
**TYP. SOFFIT DETAIL - ACROUSTIC TILE**  
SCALE: 3/4" = 1'-0"



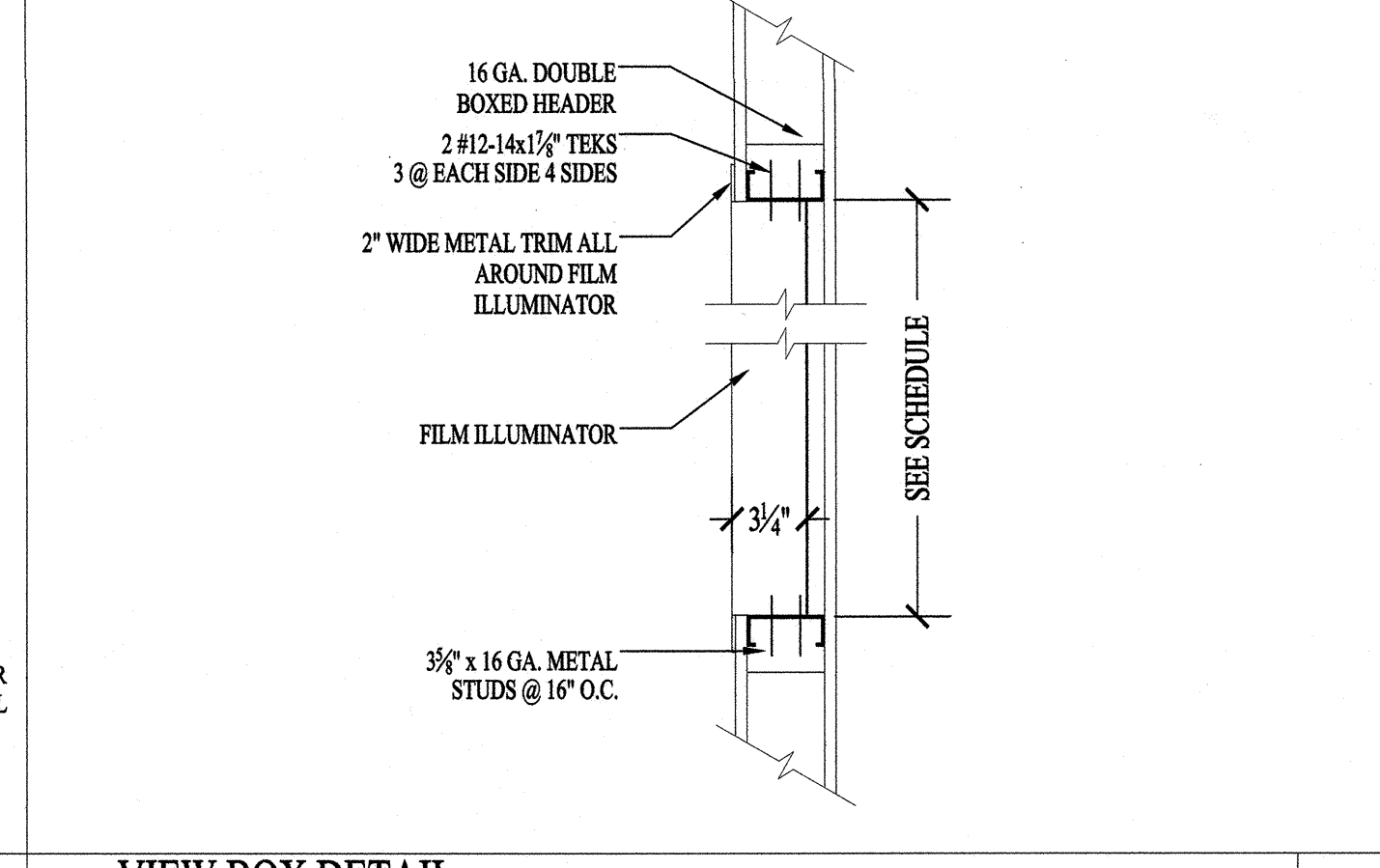
**1 HOUR RATED - FULL HEIGHT**  
SCALE: NTS.



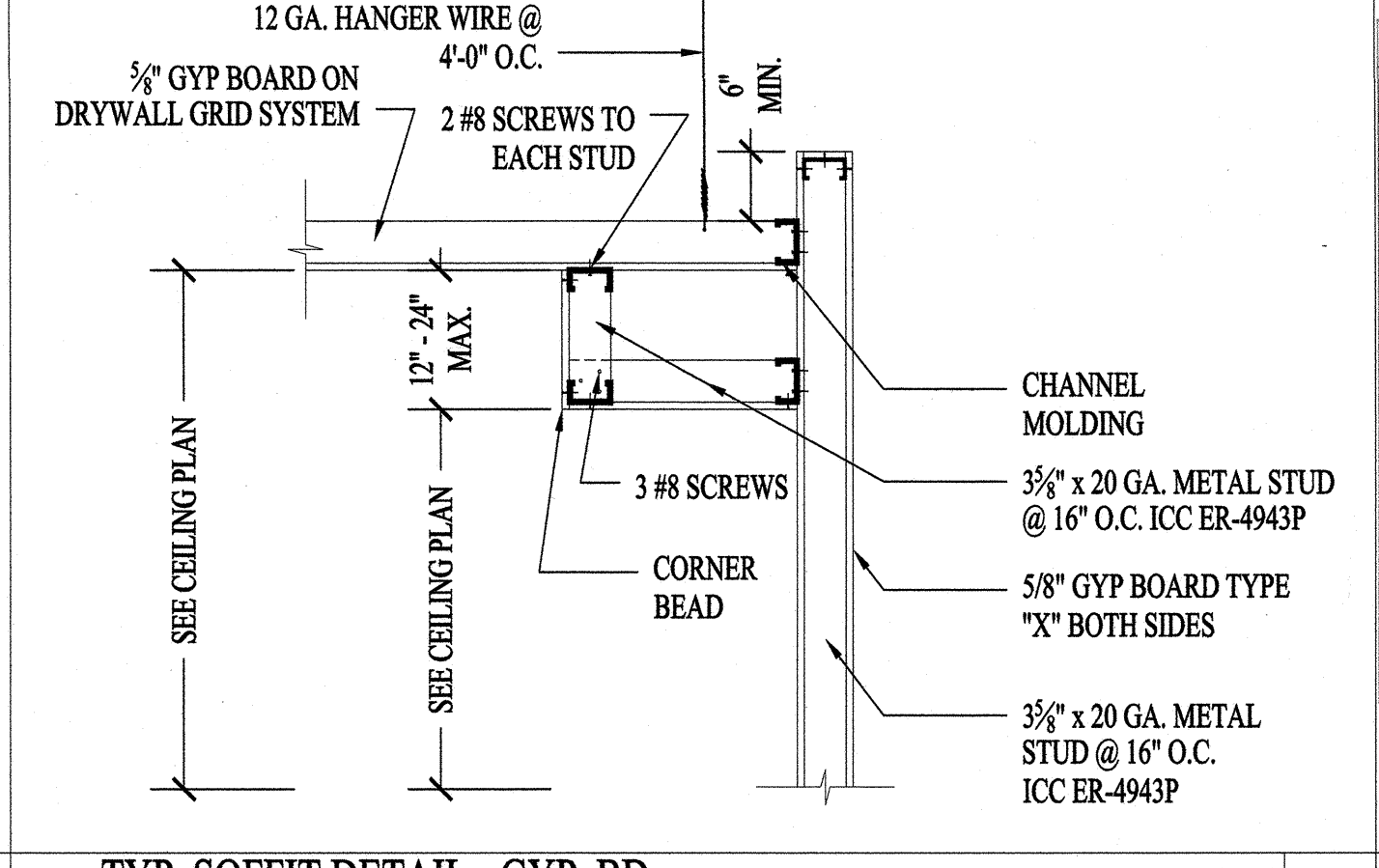
**NON BEARING INTERIOR PARTITION**  
SCALE: NTS.



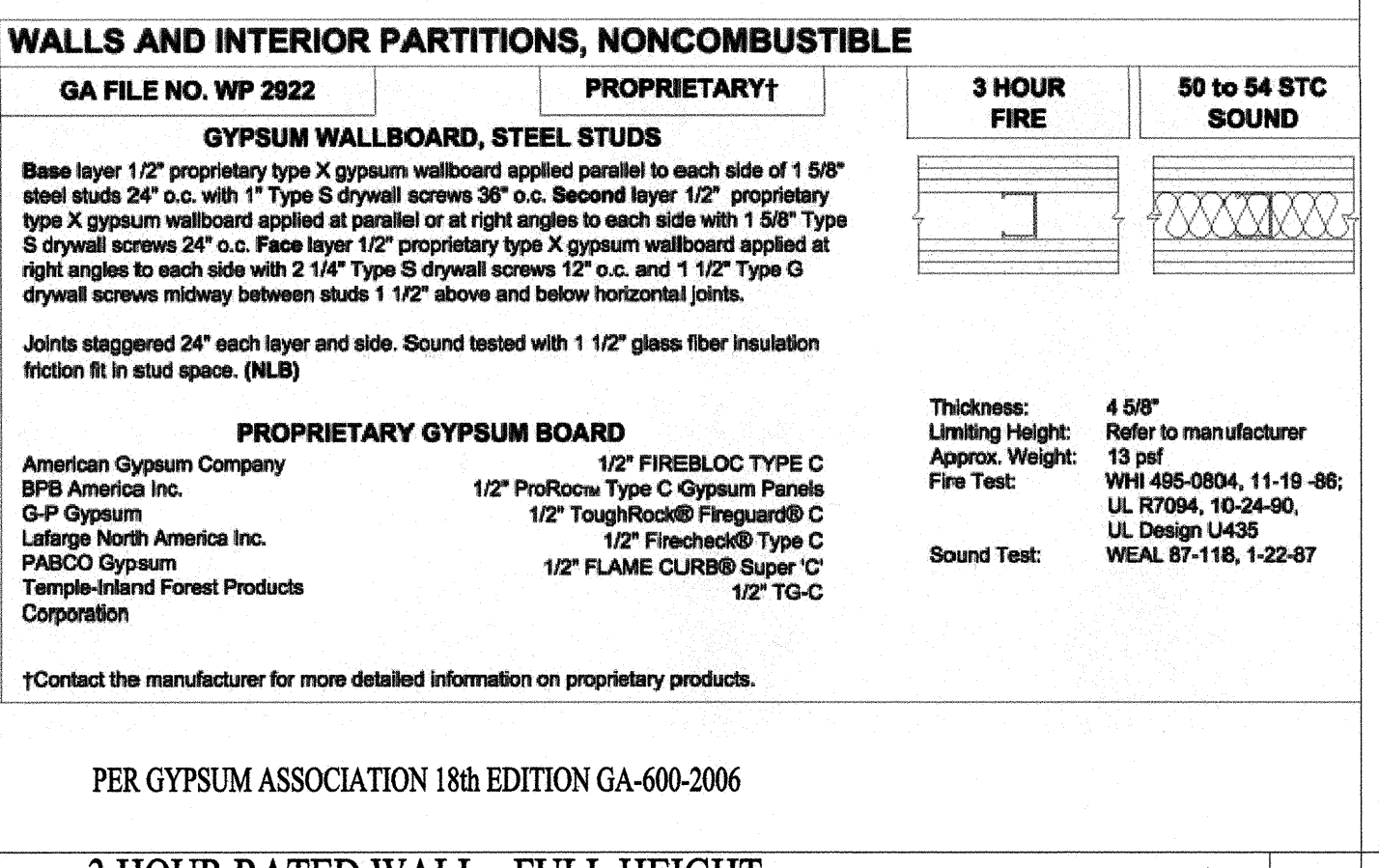
**TYPICAL ENTRANCE / EXIT DOOR**  
SCALE: 1/2" = 1'-0"



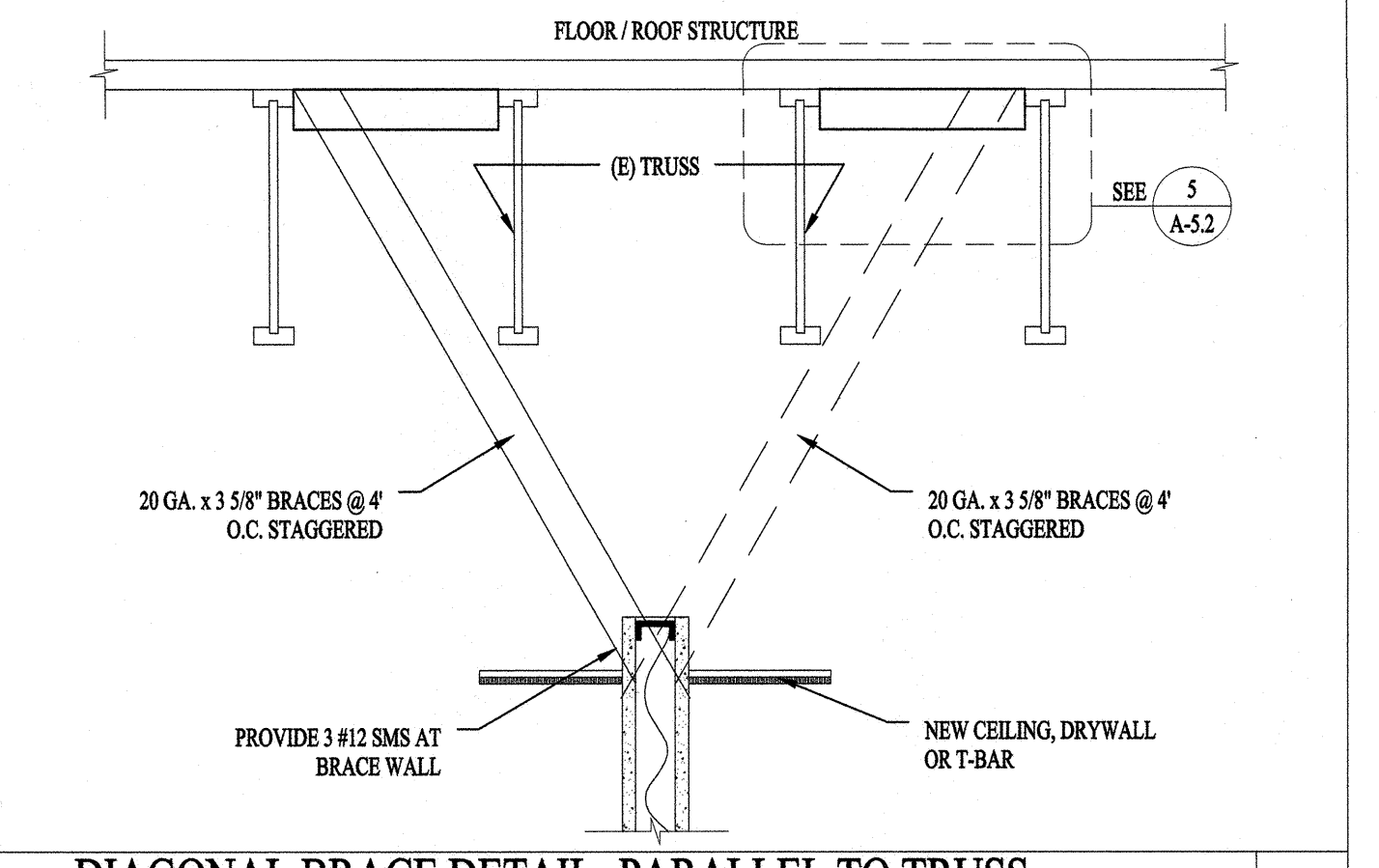
**VIEW BOX DETAIL**  
SCALE: NTS.



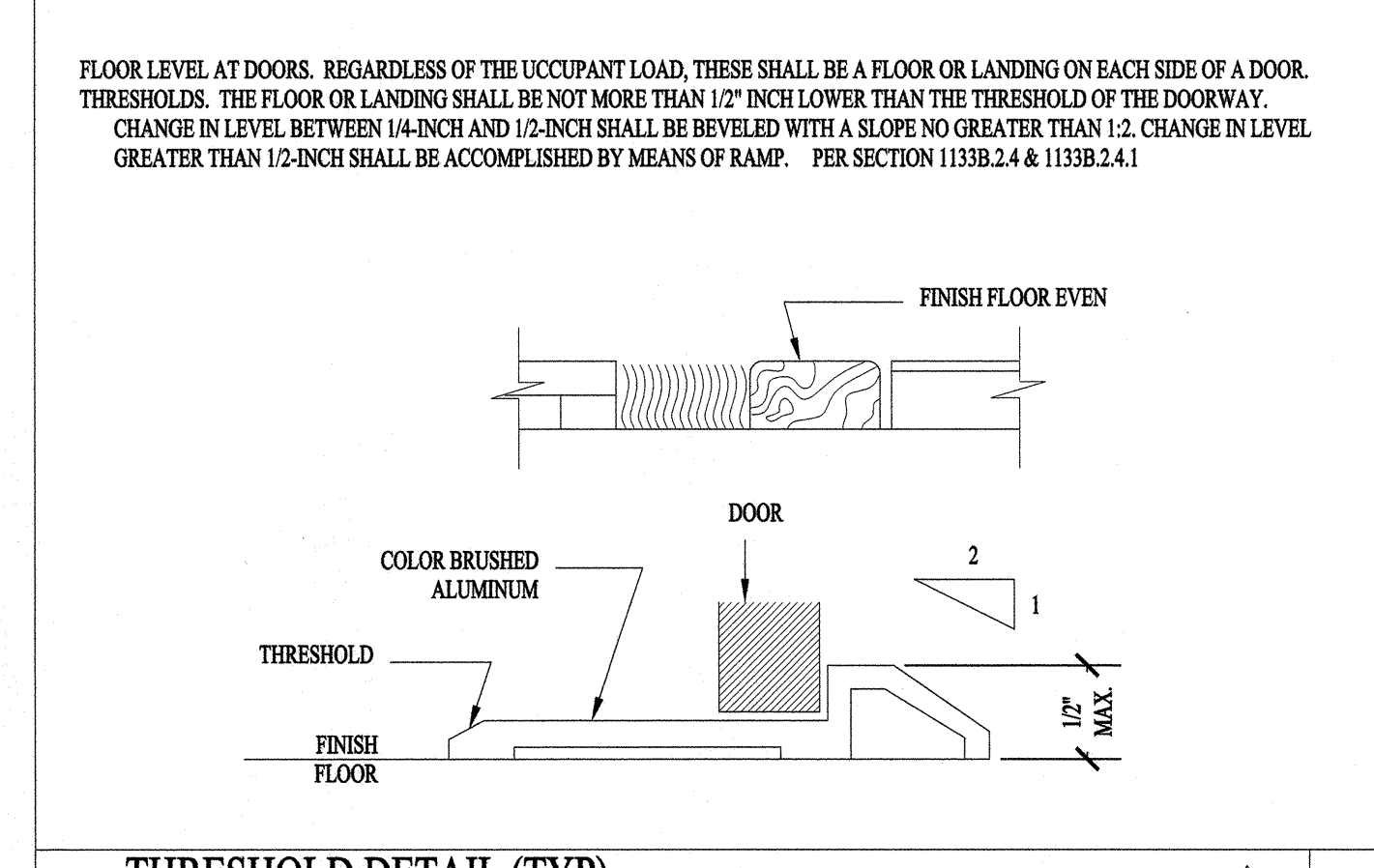
**TYP. SOFFIT DETAIL - GYP. BD.**  
SCALE: 3/4" = 1'-0"



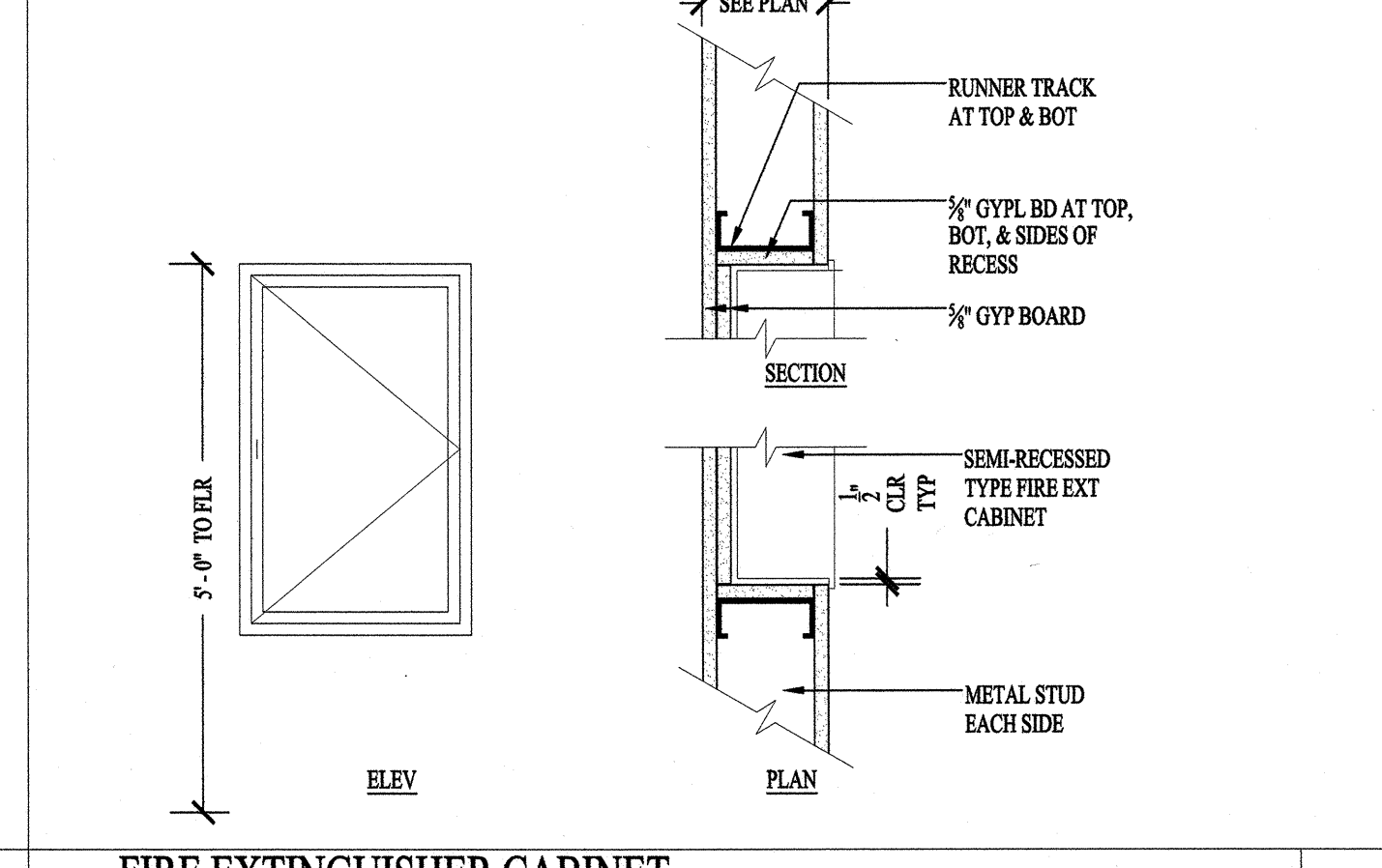
**3 HOUR RATED WALL - FULL HEIGHT**  
SCALE: NTS.



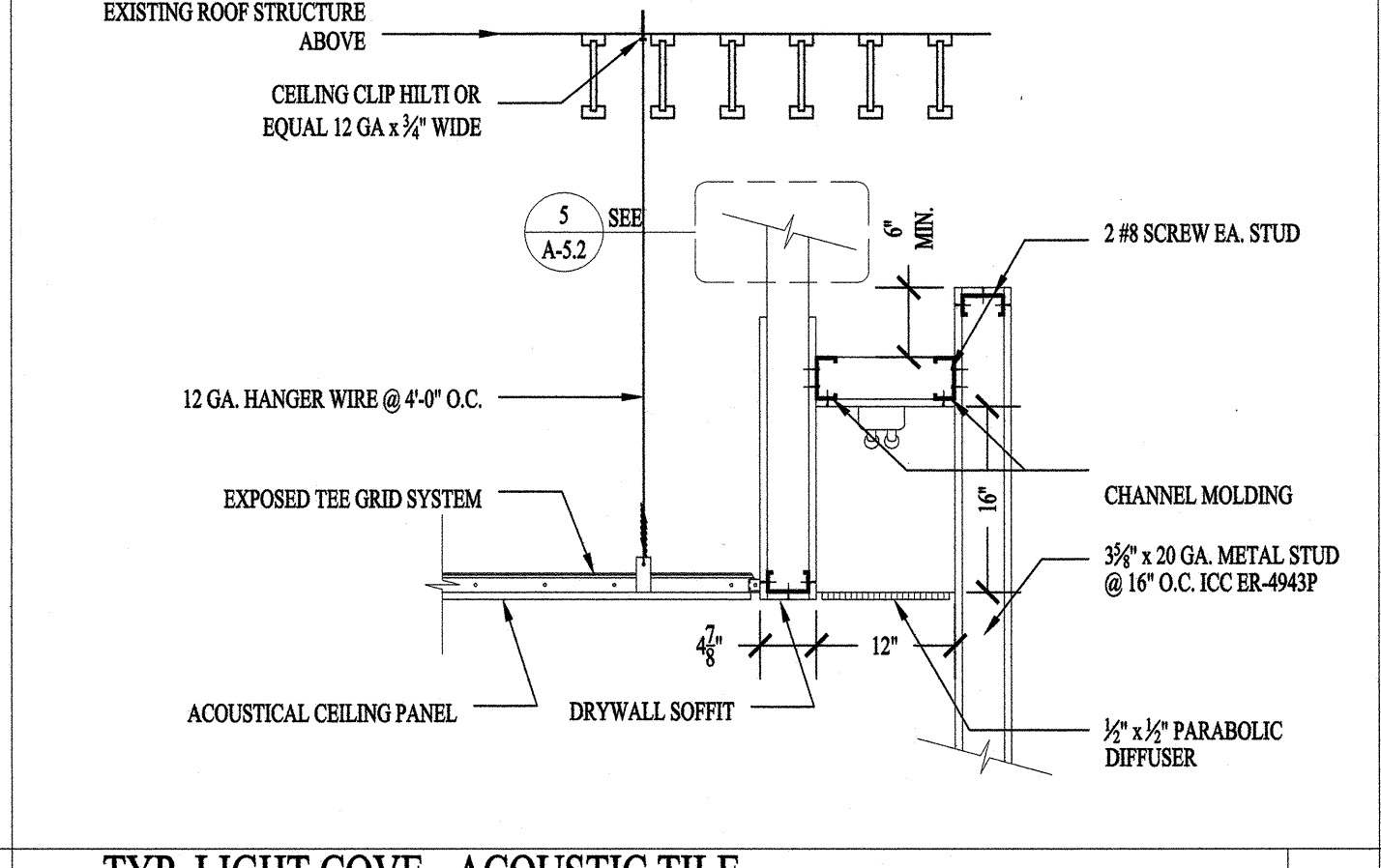
**DIAGONAL BRACE DETAIL - PARALLEL TO TRUSS-**  
SCALE: NTS.



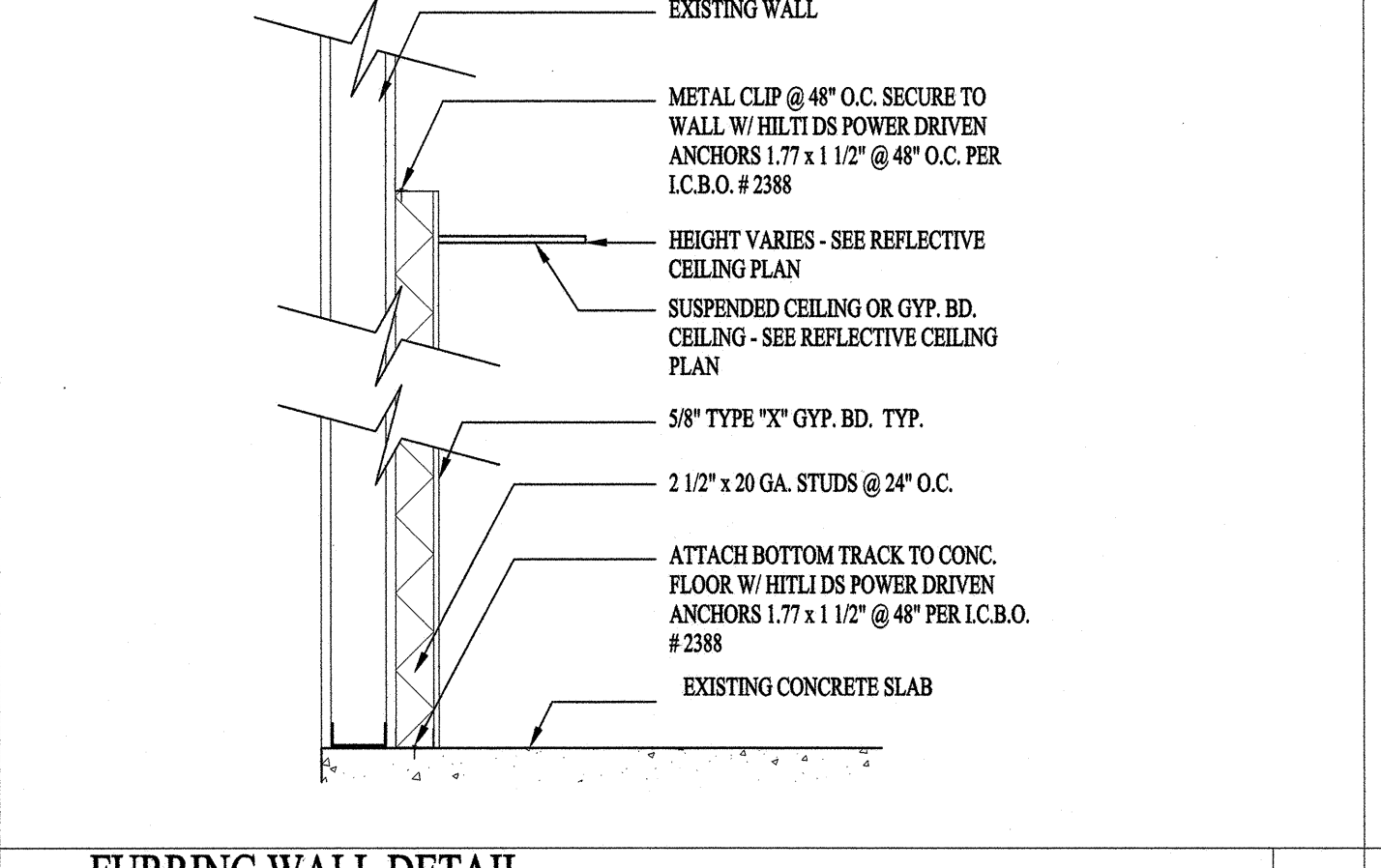
**THRESHOLD DETAIL (TYP.)**  
SCALE: NTS.



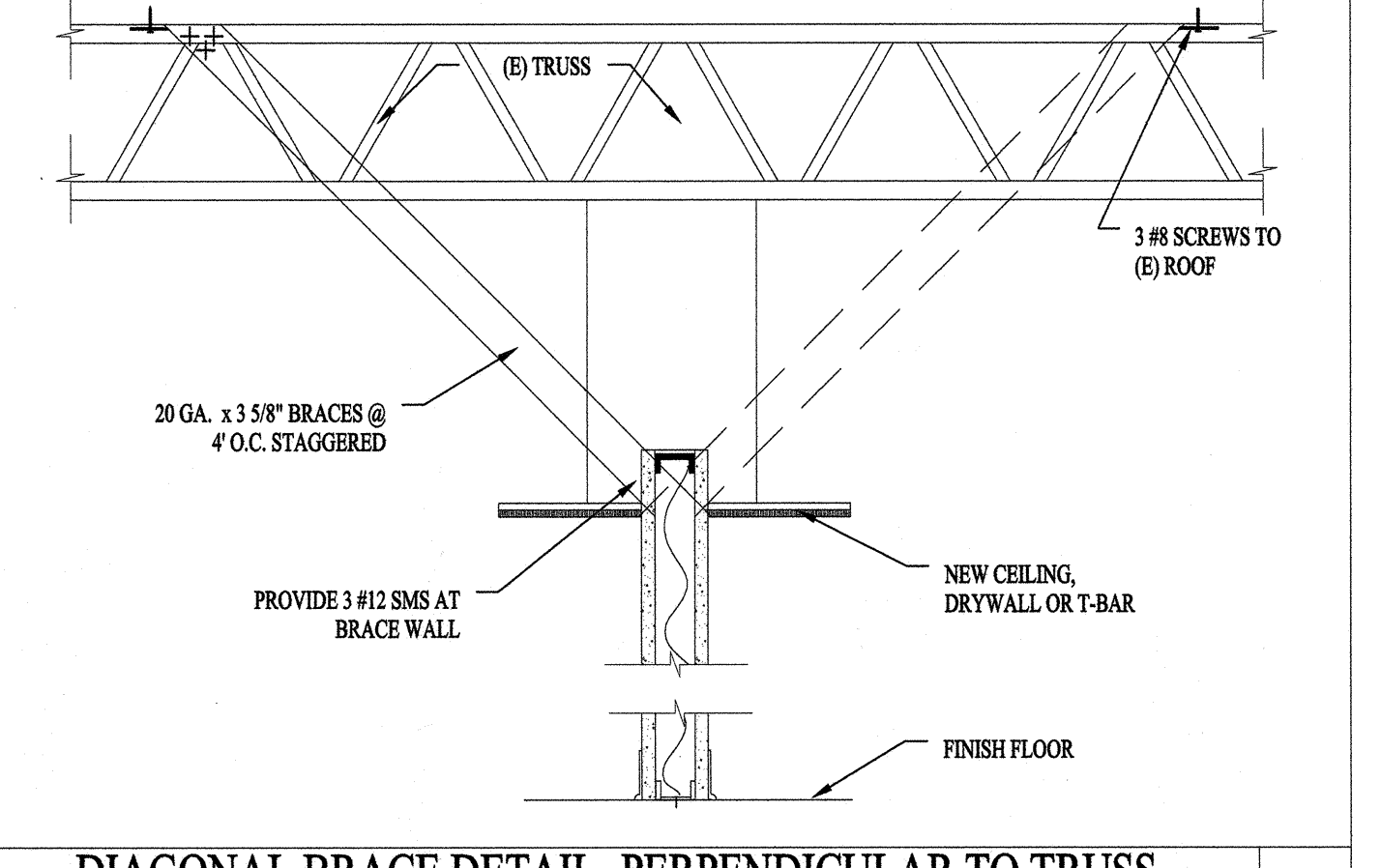
**FIRE EXTINGUISHER CABINET**  
SCALE: NTS.



**TYP. LIGHT COVE - ACROUSTIC TILE**  
SCALE: 3/4" = 1'-0"



**FURRING WALL DETAIL**  
SCALE: 1" = 1'-0"



**DIAGONAL BRACE DETAIL - PERPENDICULAR TO TRUSS-**  
SCALE: NTS.

**BRISTOL CLINIC AND SURGERY CENTER**  
3200 SOUTH BRISTOL STREET  
SANTA ANA, CALIFORNIA 92704

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1	05/07/09	CITY CORRECTIONS
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**STANDARD DETAILS**

SCALE: VARIOUS	SHEET #: A-5.1
DATE: 7/15/2009	
PROJECT: 09-101-A	

10165806-07

Revised March 1, 2009  
 This report is subject to re-examination in two years.  
 Division: 09-FINISHES  
 Section: 0910-Ceiling Suspension  
 Subsection: 0910.01-Accoustic Suspended

REPORT HOLDER:  
 WORTHINGTON ARMSTRONG VENTURE (WAV)  
 610 LINCOLN HIGHWAY  
 MALVERN, PENNSYLVANIA 19355  
 (610) 927-1218  
 www.armstronggroup.com  
 EVALUATION SUBJECT:  
 FIRE-RESISTANCE-RATED AND NONFIRE-RESISTANCE-RATED SUSPENDED CEILING SYSTEMS

ADDITIONAL LISTEES:  
 ARMSTRONG WORLD INDUSTRIES  
 POST OFFICE BOX 3001  
 LANCASTER, PENNSYLVANIA 17604

1.0 EVALUATION SCOPE  
 Compliance with the following codes:  
 • 2006 International Building Code® (IBC)  
 • 1997 Uniform Building Code® (UBC)  
 Properties evaluated:  
 • Exterior and interior finish  
 • Fire-resistance  
 • Structural

2.0 USES  
 The suspended ceiling systems described in this report are suspended or direct-hung concealed framing, ceiling assemblies used in fire-resistance-rated and nonfire-resistance-rated construction for both exterior and interior applications.

3.0 DESCRIPTION  
 3.1 General:  
 The 8900 series ceiling system is designed for screw-attached wood panels (complying with ICC-ES E-101 or E-102) of nonfire-resistance-rated or screw-attached gypsum wall board (complying with ASTM C 36) ceiling panels of fire-resistance-rated, interior roof and/or floor-ceiling assemblies.

3.2 Components:  
 3.2.1 Main Runners: Main runners used in both the 8900 series ceiling systems and XL 7936 series ceiling systems are the 8900 (Drywall Stucco and Plaster System) series main runners. All main runners are classified as heavy-duty in accordance with ASTM A 633 and in accordance with Table 25-2.4 of UBC Standard 25-2. The main runners have an inverted T-shape and are attached to the double web section is rotary-attached together with a knurled low flange for screw penetration, and is reverse-bolted over for screw retention along the entire length of the bottom flange.

3.2.2 Cross Runners: Cross runners include the XL 7936 (Stucco System) series and the 8900 (Drywall Stucco and Plaster System) series.  
 The XL 7936 (Stucco System) cross runners have an inverted T-shape and are attached to the double web section is rotary-attached together with a knurled low flange for screw penetration, and is reverse-bolted over for screw retention along the entire length of the bottom flange.

3.2.3 Hanger Wire: Hanger wire for suspended ceilings other than plaster and any fixtures, must comply with IBC Section 2506.2.1 or UBC Section 25-2.4. Hanger wires for plaster ceiling framing systems with ASTM 1063 for use under the IBC, or with UBC Section 2504 and Table 25-4. For exterior applications, corrosion-resistant hanger wires, fasteners and accessories must be used.

3.2.4 Accessories: Each system has accessory items that include support angles and corner caps. Steel for accessory items has a minimum yield strength of 33 ksi (227 MPa).

3.3 The 8900 (Drywall System) Series Two-hour Fire-resistance-rated Suspended Ceiling System:  
 The 8900 series concealed grid system is part of a two-hour, fire-resistance-rated roof-ceiling or floor-ceiling assembly. The rating applies to restrained and unrestrained assemblies as described in IBC Section 710.2 or UBC Section 7-1 and Section 7.1.4. Figure 2 shows assembly details. General requirements in IBC Section 711 or UBC Section 710.1 must be observed.

4.0 INSTALLATION  
 4.1 General:  
 The suspended ceiling system must be installed in accordance with this report and the manufacturer's published installation instructions. The suspended ceiling system must be installed in accordance with IBC Section 710.1.1 or UBC Table 25-A for systems exceeding 4 psf and less than 10 psf, as applicable.

4.2 Main Runners:  
 Main runners must be installed and leveled to within 1/8 inch in 10 feet (6.4 mm in 3048 mm) (IBC) or 1/4 inch in 12 feet (10.4 mm in 3658 mm) (UBC) with the supporting web. Vertical support hanger wire must be installed within 6 inches (152 mm) of the main runner separation relief. The design loads for main runners must be less than or equal to the capacities allowed in Table 1 of this report. Supports for the main runners that consist of vertical hangers, perimeter hangers, and labeled brace bracing must be installed in accordance with the applicable code.

4.3 Cross Runners:  
 Main runners, or other cross runners, must support cross runners that are installed (IBC) or installed (UBC) with the supporting web-to-center spacing. This tolerance must be noncumulative beyond 12 inches (305 mm). Intersecting runners must be installed to form a right angle to the supporting members.  
 The maximum design load capacities for cross runners must be less than or equal to the capacities allowed in Table 1 of this report. A cross runner that supports another cross member must have a minimum uniformly distributed load capacity of 12 pounds per linear foot (175 N/m).

4.4 Seismic Design:  
 4.4.1 Seismic Design Requirements under the IBC: Seismic design and installation details of the ceiling system must be in accordance with Section 13.5.5 of ASCE 7 as referenced in IBC Section 710.1.1.1. Suspended ceiling constructed of lath and plaster or gypsum boards, screw or nail attached to the main runner. Fasteners must be installed on one level extending from wall to wall, are exempt from lateral load design requirements of ICCA 3-4 and UBC Standard 25-2.  
 4.4.2 Seismic Design Requirements under the UBC: Except for installations with plaster ceilings, seismic design and installation details of the ceiling system must be in accordance with Section 13.5.5 of ASCE 7 as referenced in UBC Section 710.1.1.1. For plaster ceilings, seismic design of the ceiling system must comply with UBC Section 1652.  
 4.5 Partitions:  
 The partitions must be laterally supported as required by Section 13.5.5 of ASCE 7 as referenced in IBC Section 710.1.1 or UBC Standard 25-2.1.1, as applicable.  
 4.6 Gypsum Wallboard Attachment:  
 Gypsum wallboard must be installed and fastened to the ceiling framing system in accordance with IBC Section 2504 or UBC Section 25-11, as applicable.  
 4.7 Plaster Attachment:  
 Metal plaster bases must be installed in accordance with ASTM C 1063 for use under the IBC, or in accordance with UBC Section 2506, as applicable. To attach the lath, minimum 1/2-inch-thick, No. 8, Type S, oval head screws per ASTM C 1002 must be used. These screws must secure the metal lath to the runners and perimeter members at 6 inches (152 mm) on center in accordance with IBC Section 2510 or UBC Section 25-11, as applicable.

4.8 Special Inspection:  
 In jurisdictions adopting the IBC, suspended ceilings in Seismic Design Categories D, E or F must be subjected to periodic special inspection during anchorage of suspended ceiling in accordance with the requirements of IBC Section 2506.2.1 and Section 13.6.2.2 (h) of ASCE 7. The special inspector must verify that the ceiling system is as described in this report, and complies with the installation instructions in this report.

5.0 CONDITIONS OF USE  
 The suspended ceiling systems described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:  
 5.1 The ceiling suspension main and cross runners are fabricated and installed in accordance with this report and the manufacturer's published installation instructions. In the event of a conflict between the manufacturer's installation instructions and this report, the report governs.  
 5.2 Design loads and spans of main and cross runners must comply with Tables 1 and 2 of this report.  
 5.3 In jurisdictions adopting the IBC, suspended ceiling systems must be designed in accordance with ASCE 7, Section 13.5.5. The documents must be created by a registered design professional where required by statutes of the jurisdiction in which the project is being constructed.  
 5.4 In jurisdictions adopting the IBC, for Seismic Design Categories C, D, E, or F, a quality assurance plan complying with ASCE 7, Section 11A, must be submitted to the code official.  
 5.5 In jurisdictions adopting the IBC, periodic special inspection must be provided in accordance with Section 4.3 of this report and ASCE 7, Section 11A.1.3.9, Item 2, as required in ASCE 7, Section 13.5.5.2, and Item 1. Special inspection must be provided as required in IBC Section 1705.3, Item 4.3.  
 5.6 The ceiling framing systems must not be used to provide lateral support for walls or partitions, except as provided for in ASCE 7, Section 13.5.1.1.  
 5.7 In jurisdictions adopting the IBC, the ceiling systems must be installed in accordance with the manufacturer's published installation instructions. In jurisdictions adopting the UBC, the suspended ceiling system must be installed in accordance with the manufacturer's published installation instructions as determined from Table 16-0 of the UBC and UBC Standard 25-2.

5.8 In jurisdictions enforcing the UBC, the ceiling systems must not be installed in areas subject to severe environmental conditions as described in Section 25.2.4.3 of UBC Standard 25-2.  
 5.9 In jurisdictions enforcing the IBC, ceiling access must comply with Footnote 4 to Table 16-0 of the UBC.  
 5.10 The supporting construction of the ceiling system has not been evaluated and is outside the scope of this evaluation report. The code official must approve the roof or floor construction supporting the suspended ceiling system.  
 5.11 The ceiling systems are limited to ceiling not considered accessible in accordance with Item 32 of IBC Table 907.1, Item Minimum Uniformly Distributed Live Loads and Minimum Concentrated Live Loads.  
 5.12 For exterior ceiling installations, the ceiling systems must be designed for wind loads.  
 5.13 Light fixtures must be positively attached to the suspended ceiling system with connection having a minimum capacity, in any direction, of 100 percent of the lighting fixture weight. Lighting fixtures may also be attached to the grid with clips complying with the ICC-ES Acceptance Criteria for Attachment Devices for Recreational Light Fixtures (Luminaire).  
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 6.0 EVIDENCE SUBMITTED  
 6.1 Data in accordance with ICC-ES Acceptance Criteria for Suspended Ceiling Framing Systems (AC368), dated February 2007.  
 6.2 Reports of fire-resistance tests in accordance with ASTM E 119 and UBC Standard 7-1.  
 7.0 IDENTIFICATION  
 Carbons of all products are identified with the name and address of the manufacturer. The identification report number (ESR-1289) and the word "WAVE" are stamped on the product.

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TABLE 1—DIMENSIONS AND ALLOWABLE LOADS FOR MAIN RUNNERS\*

CATALOG NUMBER	TYPE	LENGTH (inches)	BASE METAL THICKNESS (inches)	MAXIMUM SPAN (feet)	ALLOWABLE LOADS (lb./sq. ft.)
HD 8901	A	144	0.018	4	16.5
HD 8906	A	144	0.018	4	16.78

\*Runner web is attached.

TABLE 2—DIMENSIONS AND ALLOWABLE LOADS FOR CROSS RUNNERS

CATALOG NUMBER	TYPE	LENGTH (inches)	BASE METAL THICKNESS (inches)	MAXIMUM SPAN (feet)	ALLOWABLE LOADS (lb./sq. ft.)
XL 8947	D	48.75	0.018	4.14	15.35
XL 8947P	P	48.75	0.018	4.14	13.02
XL 8947S	S	48	0.018	4	17.63
XL 8947SP	P	48	0.018	4	15
XL 7936	P	36	0.018	3	33.33
XL 8925	P	25.75	0.018	2.14	129.04
XL 8925S	S	24	0.018	2	129.04
XL 8918	P	13.75	0.018	1.14	71.58
XL 8918S	S	12	0.018	1	151.9
XL 8905	A	48	0.018	6	4.27

\*For 81: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 psf = 4.882 N/m<sup>2</sup>, 1 ft = 0.3048 m, 1 lb = 0.4536 kg.

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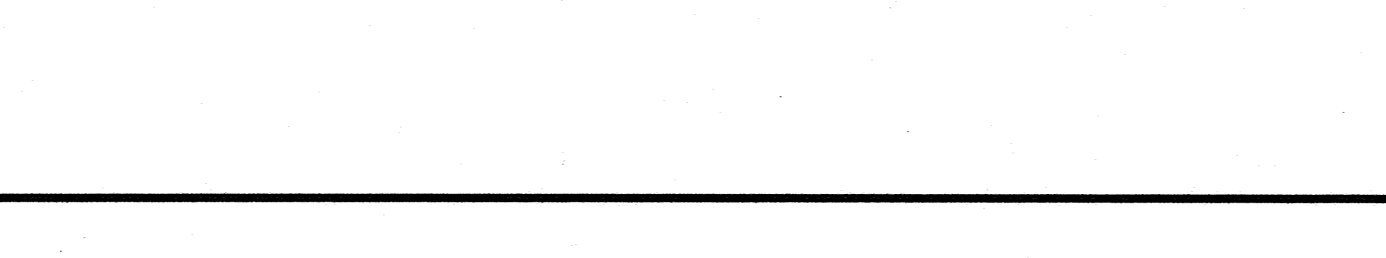
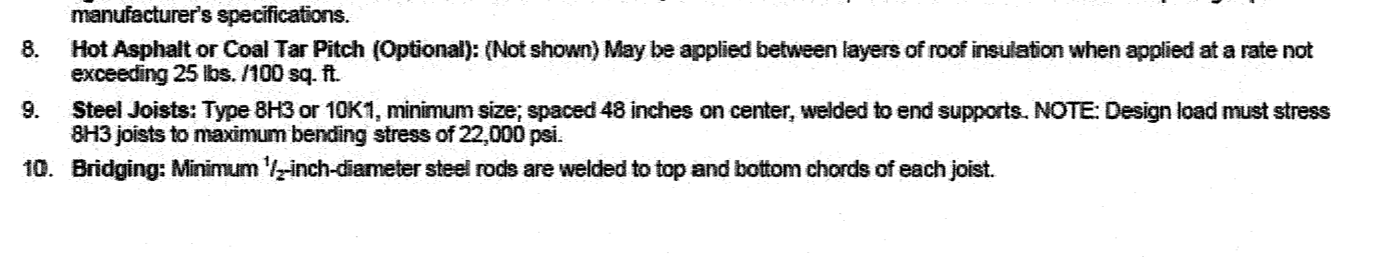
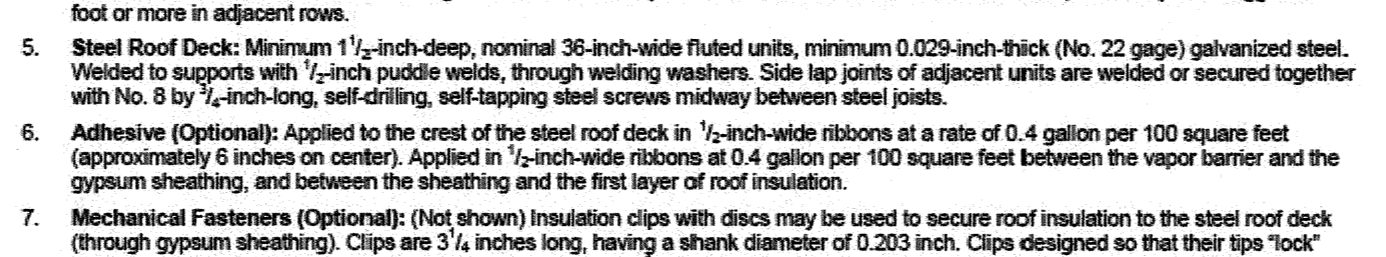
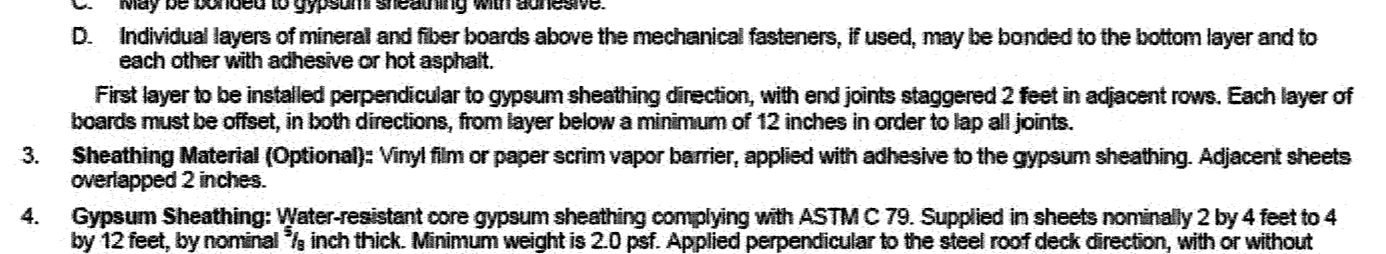
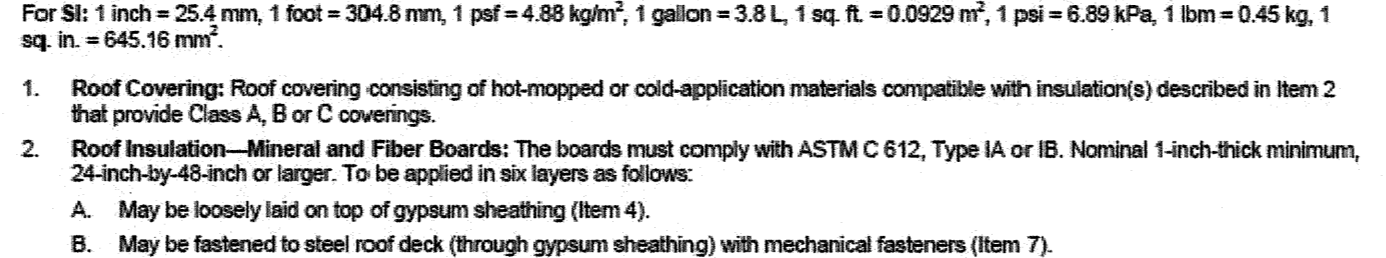
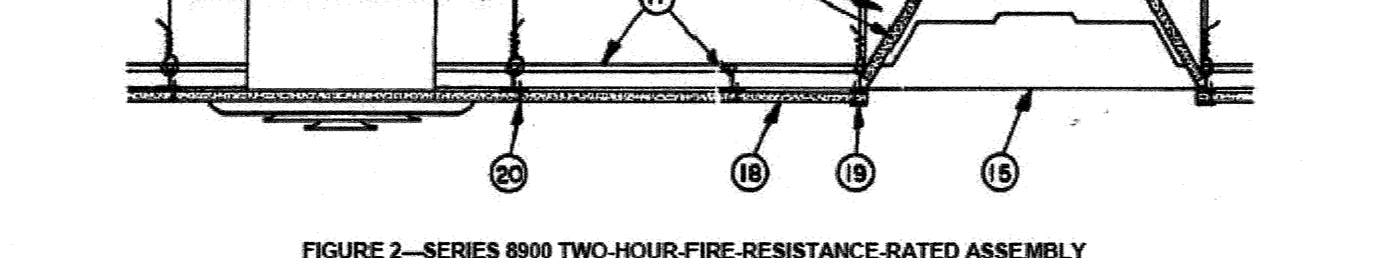
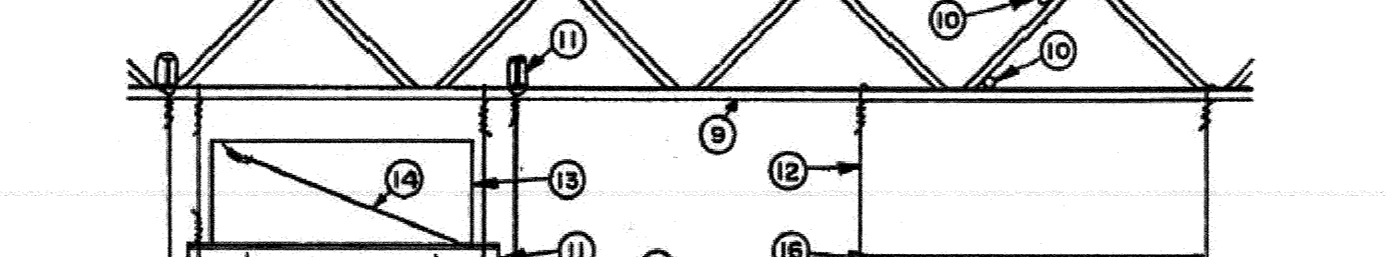
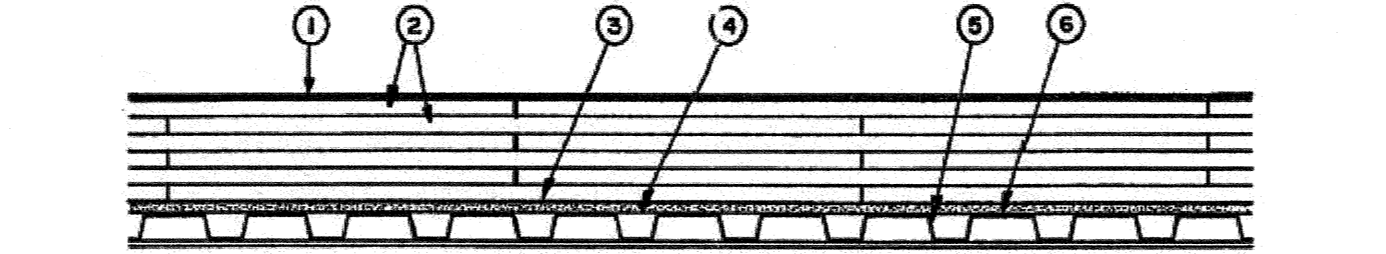
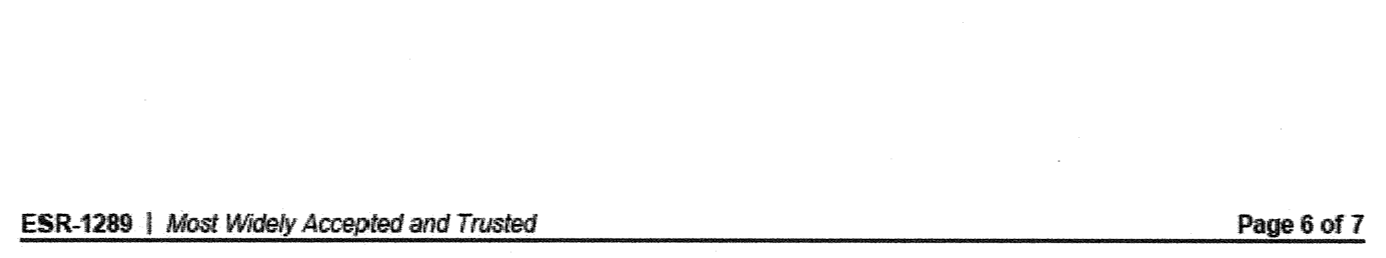
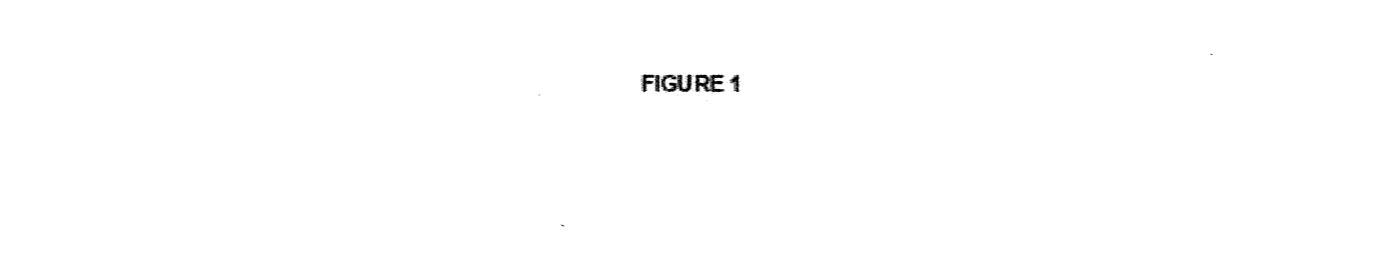
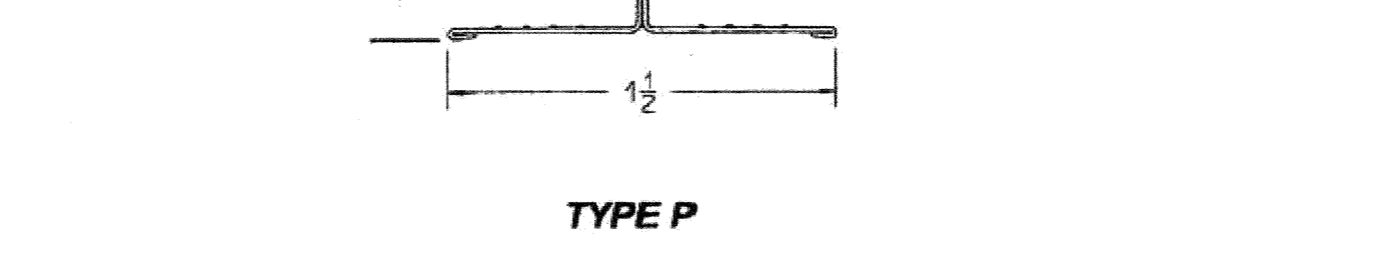
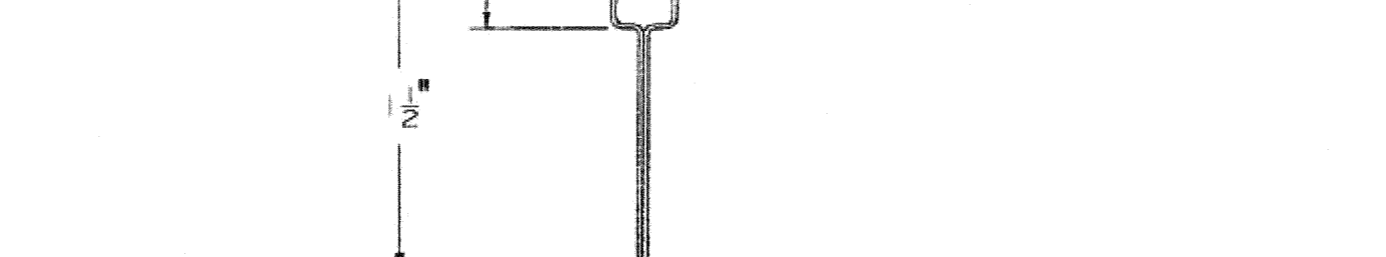
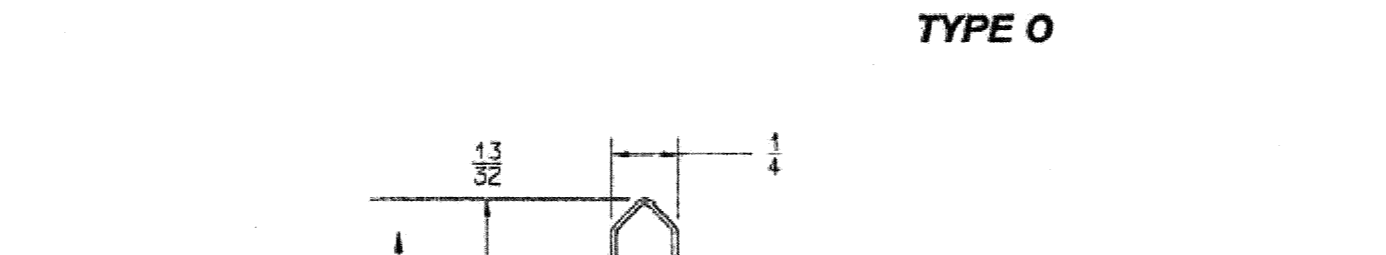
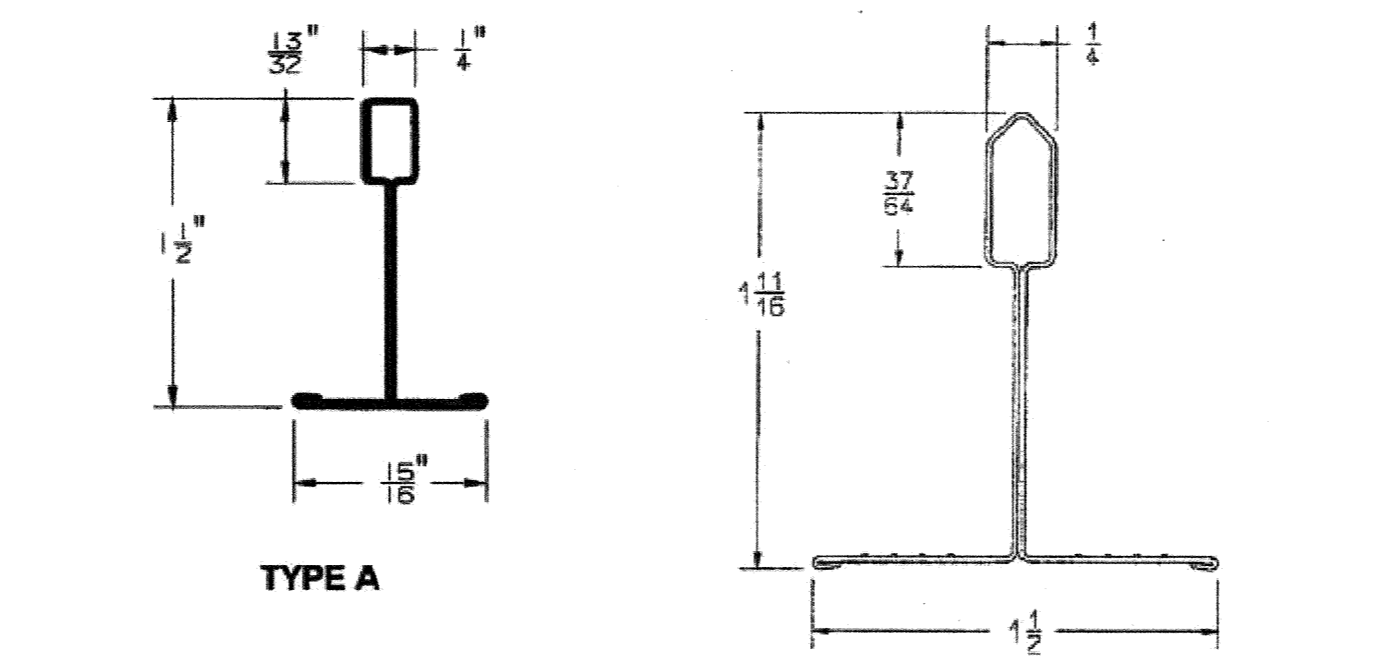


FIGURE 2—SERIES 8900 TWO-HOUR FIRE-RESISTANCE-RATED ASSEMBLY (Continued)

- Cold-rolled Channels: Minimum 0.055-inch-thick (No. 16 gage) cold-rolled steel channels, 1 1/2 inches deep with 1/2-inch flanges. Two channels are fastened back-to-back with 16 S&W galvanized steel wire, spaced as required to provide attachment provision for ceiling hanger wires between steel plates.
- Hanger Wire: Number 12 S&W galvanized steel wire, laid flat to bottom chord of joists or cold-rolled steel channels. Hanger wires are spaced 48 inches on center along main runners but every other main runner (see Note 1). Hanger wires also to occur at all four corners of light fixtures, at midspan of cross tees adjacent to light fixtures and air duct outlets, and adjacent to each main runner splice.
- Air Duct: Number 22 S&W galvanized steel sheet. Total area of duct opening not to exceed 225 square inches per 100 square feet of ceiling area. Total area of individual duct openings is not to exceed 225 square inches. Maximum opening dimension is 18 inches. Inside and outside flange of duct must be protected with 1/2-inch-thick concrete fiber paper, laminated to the metal. Duct supported by 1/2-inch-thick, No. 16 S&W cold-rolled steel channels spaced not over 48 inches on center, independent by No. 12 S&W galvanized steel wire.
- Plaster: Number 16 M&G minimum galvanized steel, sized to overlap duct opening 2 inches, minimum. Protected on both sides with 1/2-inch-thick concrete fiber paper, laminated to the metal and held open with a lath link.
- Plaster: Minimum 1/2-inch-thick plaster-type steel sheathing, 20-1/2-foot size. Plaster must be applied so that total area does not exceed 24 square feet per each 100 square feet of ceiling area, and is in conformance with the National Electrical Code.
- Plaster Protection—Gypsum Wallboard: Same as Item 15. Cut to form a fire-rated enclosure, horizontal in cross section, at least 1/4 inches higher than the light fixture housing. The fixture protection consists of a 2 1/2-inch-thick top piece, two 1/2-inch-thick side pieces and two 2 1/2-inch-thick end pieces. The top edge of each fixture protection side piece may be notched 1/4 inch long by 1/4 inch deep.
- Steel Framing Members—Armstrong World Industries, Inc.: Type 8900 Drywall stucco and plaster system main runners are commonly 12 feet long, and are spaced 48 inches on center. Ends of main runners at walls to rest on wall angle, without attachment, with 1/2 to 1/4 inch and clearance. Primary cross tees 1/2 inch wide across flange) or cross channels, normally 4 feet long, are installed perpendicular to main runners and spaced 24 inches on center. Additional primary cross tees or cross channels are required at each wallboard end joint, 8 inches from, and on each side of, the wallboard end joint, and 8 inches from each side of light fixtures. Secondary cross tees 1/2 inch wide across flange, normally 4 feet long, are installed between light fixtures.
- Wallboard: Gypsum: Five-eighths-inch-thick, Type X, 4-foot-wide gypsum wallboard is installed with the long dimension perpendicular to cross tees, with side joints staggered underneath main runners. Wallboard is fastened to each cross tee with 1-inch-long (5 screws, located 1/2 inch from end joints and 1/2 inch from side joints), and spaced 12 inches on center. End joints of adjacent wallboard sheets must be staggered not less than 6 feet on center. Wallboard is fastened to top of wall angle with wallboard screws spaced 12 inches on center.
- Wall Filling: Minimum 25 M&G galvanized steel, measuring 1/2 inch deep, with 1/2 and 1-inch-long legs. Placed over and against wallboard edges under light fixtures, with 1/4-inch leg resting down and fastened to the cross tees and main runners with 1/2-inch-long screws. Spacing of screws approximately 3 inches on center along 1/4-inch side, and 10 inches on center along 1-inch side, of light fixture.
- Screws: Wallboard Number 8, Type S, 1- and 1 1/2-inch-long, self-drilling and self-tapping screws.
- Finishing System: (Not shown) Paper tape embedded in joint compound over joints, and covered with additional compound with edges feathered out. Wallboard surface prepared with two layers of compound.
- Wall angle: (Not shown) Number 24 M&G galvanized steel with 1/2-inch legs, lathed to wall

A. OWNERSHIP OF DOCUMENTS:

1. ALL DRAWINGS, SPECIFICATIONS, AND OTHER WORK PRODUCT FOR THIS PROJECT ARE INSTRUMENTS OF SERVICE FOR THIS PROJECT ONLY AND SHALL REMAIN THE PROPERTY OF THE STRUCTURAL ENGINEER...

B. GENERAL:

1. THE FOLLOWING NOTES AND TYPICAL DETAILS APPLY TO ALL DRAWINGS IN THIS SET UNLESS NOTED OTHERWISE. 2. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS WITH THE ARCHITECTURAL AND OTHER CONSULTANTS...

C. PROJECT DESIGN CRITERIA:

1. CODE: 2007 CALIFORNIA BUILDING CODE. 2. GRAVITY LOADS ARE AS SHOWN ON THE DRAWINGS. LIVE LOADS ARE REDUCIBLE AS ALLOWED BY THE CODE. 3. LATERAL LOADS:

A. WIND SPEED EXPOSURE C IMPORTANCE FACTOR I = 1.15. B. SEISMIC DESIGN CATEGORY D. SEISMIC DESIGN CATEGORY D. SITE CLASS DESIGNATION D. OCCUPANCY CATEGORY N.

D. DESIGN/BUILD AND DEFERRED APPROVAL ITEMS AND REQUIREMENTS:

1. THE ABBREVIATION "DC" WHERE SHOWN ON THE DRAWINGS INDICATES GENERAL CONTRACTOR, OR IN THE CASE WHERE THE PROJECT DOES NOT HAVE A GENERAL CONTRACTOR, THE CONTRACTOR RESPONSIBLE FOR THE DESIGN/BUILD OR DEFERRED SUBMITTAL ITEM.

E. SHOP AND ERECTION DRAWINGS:

1. SHOP AND ERECTION DRAWINGS SERVE TO AD SUBCONTRACTORS IN THE PERFORMANCE OF THEIR WORK. THE CONTRACTOR SHALL REVIEW SUBMITTALS RECEIVED BY THEIR SUBCONTRACTORS FOR COMPLIANCE AND CONFORMANCE WITH THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS AND MARK ANY DISCREPANCIES...

F. STRUCTURAL TESTS AND INSPECTIONS:

1. REFER TO CBC CHAPTER 17 FOR APPLICATION OF THE FOLLOWING REQUIREMENTS. ALL SPECIAL INSPECTIONS SHALL SUBMIT FINAL REPORTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE TEST AND INSPECTIONS ARE MADE AND TO DETERMINE WHEN INSPECTIONS ARE CONTINUOUS OR PERIODIC.

G. FIRE SPRINKLER SUPPORT:

1. DESIGN OF HANGERS, SWAY BRACING, AND ATTACHMENT TO THE STRUCTURE IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS.

H. FOUNDATIONS:

1. SOIL DESIGN PARAMETERS ARE BASED ON THE MINIMUM VALUES OF CBC TABLE 1804.2: SPREAD AND CONTINUOUS FOOTINGS: 1,500 PSF FOR 12" WIDE FOOTINGS WITH 12" MINIMUM EMBEDMENT. PRESSURE MAY BE INCREASED 33% FOR SEISMIC OR WIND LOADING.

I. MASONRY:

1. MASONRY CONSTRUCTION SHALL CONFORM TO CBC CHAPTER 21. CONTINUOUS INSPECTION OF WORK INVOLVING MASONRY IS REQUIRED.

J. REINFORCING STEEL:

1. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 FOR #4 BARS AND LARGER, GRADE 40 FOR #3 BARS. REINFORCING TO BE WELDED SHALL BE ASTM A706.

K. CONCRETE:

1. CONCRETE MIXES SHALL BE DESIGNED BY A RECOGNIZED TESTING LABORATORY, STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE PROJECT STATE, WITH COPIES OF DESIGN SENT TO THE STRUCTURAL ENGINEER.

L. MASONRY:

1. MASONRY CONSTRUCTION SHALL CONFORM TO CBC CHAPTER 21. CONTINUOUS INSPECTION OF WORK INVOLVING MASONRY IS REQUIRED.

M. WOOD/LUMBER FRAMING:

1. ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR OF THE FOLLOWING GRADES CONFORMING TO STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17, UNLESS NOTED OTHERWISE.

N. MANUFACTURED LUMBER (GLB, PSL, LSL, LVL, HSC):

1. GLULAM BEAMS SHALL BE OF A COMBINATION AS ESTABLISHED BY THE AMERICAN INSTITUTE OF WOOD PRESERVATION AND SHALL CONFORM TO THE REQUIREMENTS OF ANSI A190.1 AND ASTM D3737.

O. UNISTRUT METAL FRAMING:

1. STRUT SYSTEM COMPONENTS SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.

P. LIGHTGAUGE METAL FRAMING:

1. LIGHTGAUGE METAL FRAMING IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS. ALL LIGHTGAUGE METAL FRAMING SHALL BE DESIGNED BY THE CONTRACTOR.

Q. UNISTRUT METAL FRAMING:

1. STRUT SYSTEM COMPONENTS SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.

R. LIGHTGAUGE METAL FRAMING:

1. LIGHTGAUGE METAL FRAMING IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS. ALL LIGHTGAUGE METAL FRAMING SHALL BE DESIGNED BY THE CONTRACTOR.

S. UNISTRUT METAL FRAMING:

1. STRUT SYSTEM COMPONENTS SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.

T. LIGHTGAUGE METAL FRAMING:

1. LIGHTGAUGE METAL FRAMING IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS. ALL LIGHTGAUGE METAL FRAMING SHALL BE DESIGNED BY THE CONTRACTOR.

U. UNISTRUT METAL FRAMING:

1. STRUT SYSTEM COMPONENTS SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.

V. LIGHTGAUGE METAL FRAMING:

1. LIGHTGAUGE METAL FRAMING IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS. ALL LIGHTGAUGE METAL FRAMING SHALL BE DESIGNED BY THE CONTRACTOR.

W. UNISTRUT METAL FRAMING:

1. STRUT SYSTEM COMPONENTS SHALL BE MANUFACTURED BY UNISTRUT CORPORATION OR APPROVED EQUAL.

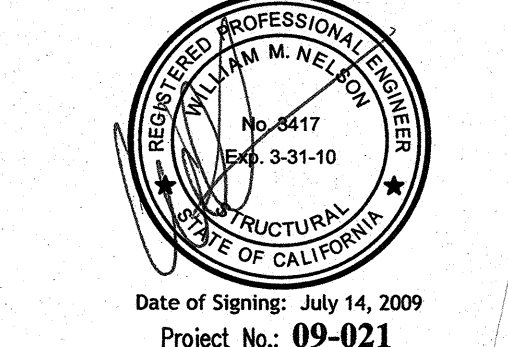
X. LIGHTGAUGE METAL FRAMING:

1. LIGHTGAUGE METAL FRAMING IS A DEFERRED SUBMITTAL ITEM. SEE DESIGN/BUILD NOTES FOR REQUIREMENTS. ALL LIGHTGAUGE METAL FRAMING SHALL BE DESIGNED BY THE CONTRACTOR.

BRISTOL CLINIC AND SURGERY CENTER 3200 SOUTH BRISTOL STREET SANTA ANA, CALIFORNIA 92704

Table with columns: NAME, DATE, REVISION/ISSUE, CORRECTIONS. Includes a grid for tracking changes.

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NELSON CONSULTING 8915 Avenida Del Mar, Suite 100, Irvine, CA 92618 Tel: (949) 752-2000 Fax: (949) 752-2001

STRUCTURAL NOTES

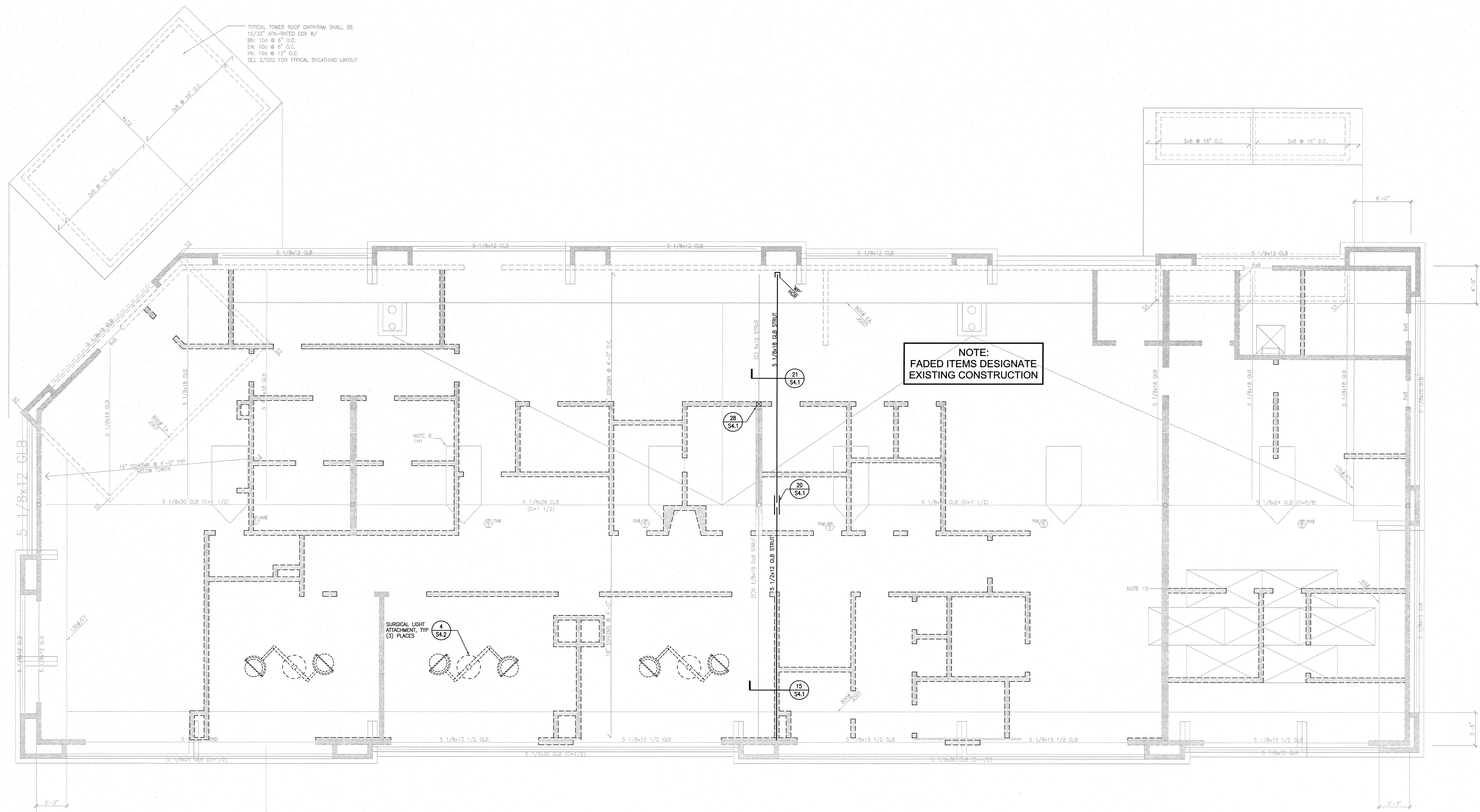
SHEET #1 OF 1

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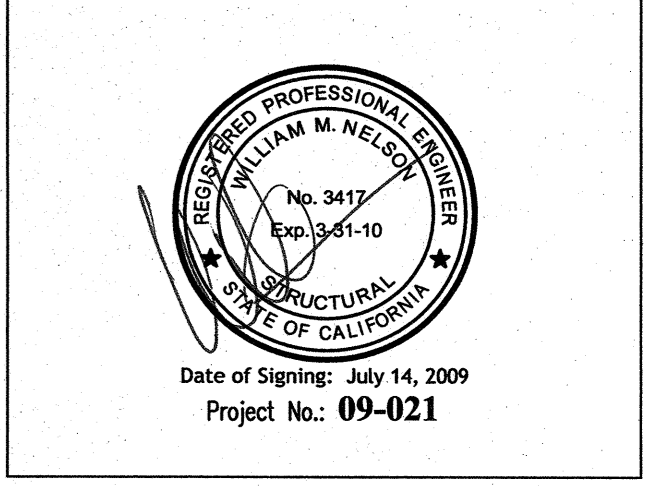
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ROOF FRAMING PLAN  
 SCALE: 1/4"=1'-0"

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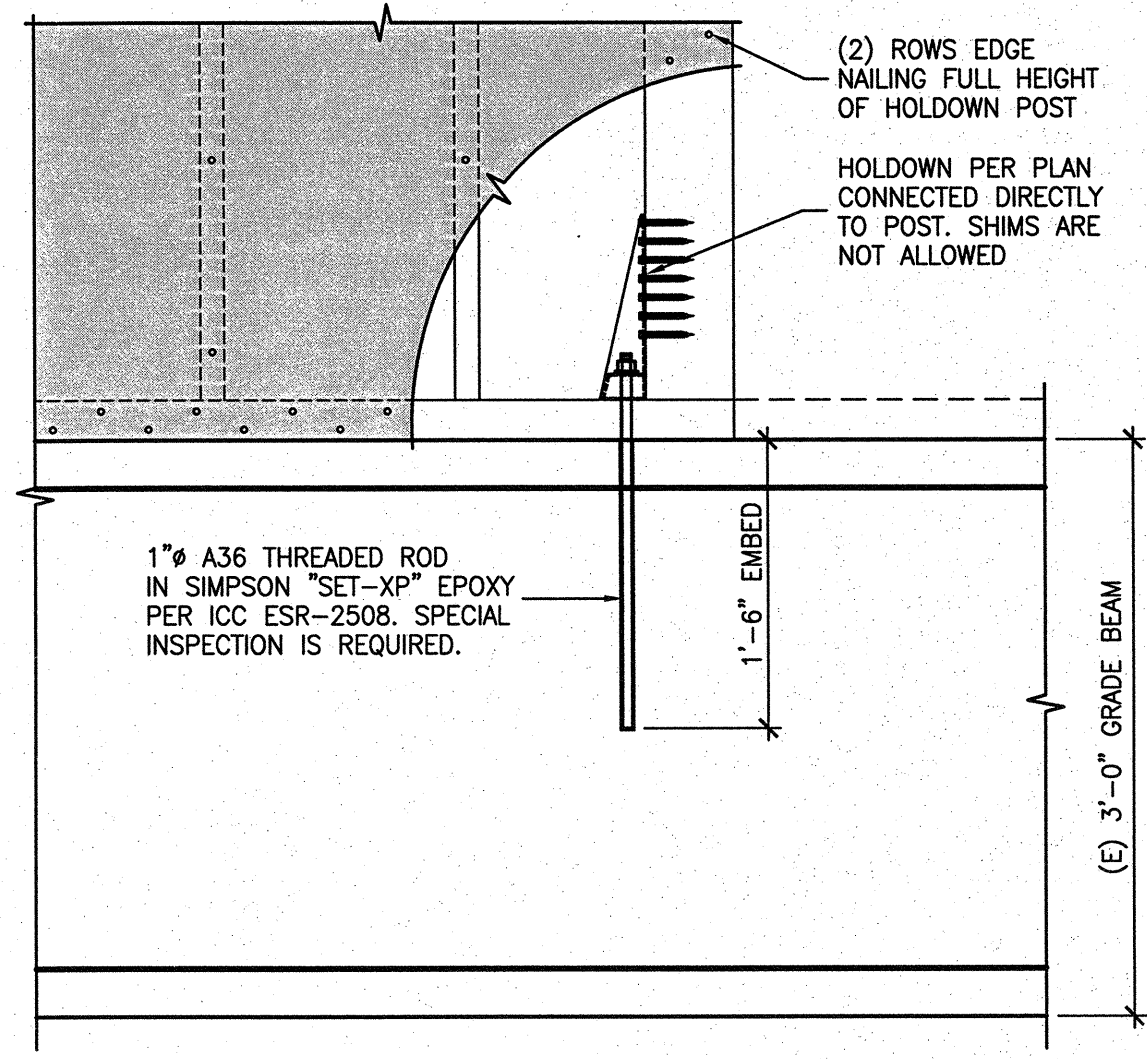
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ROOF FRAMING PLAN

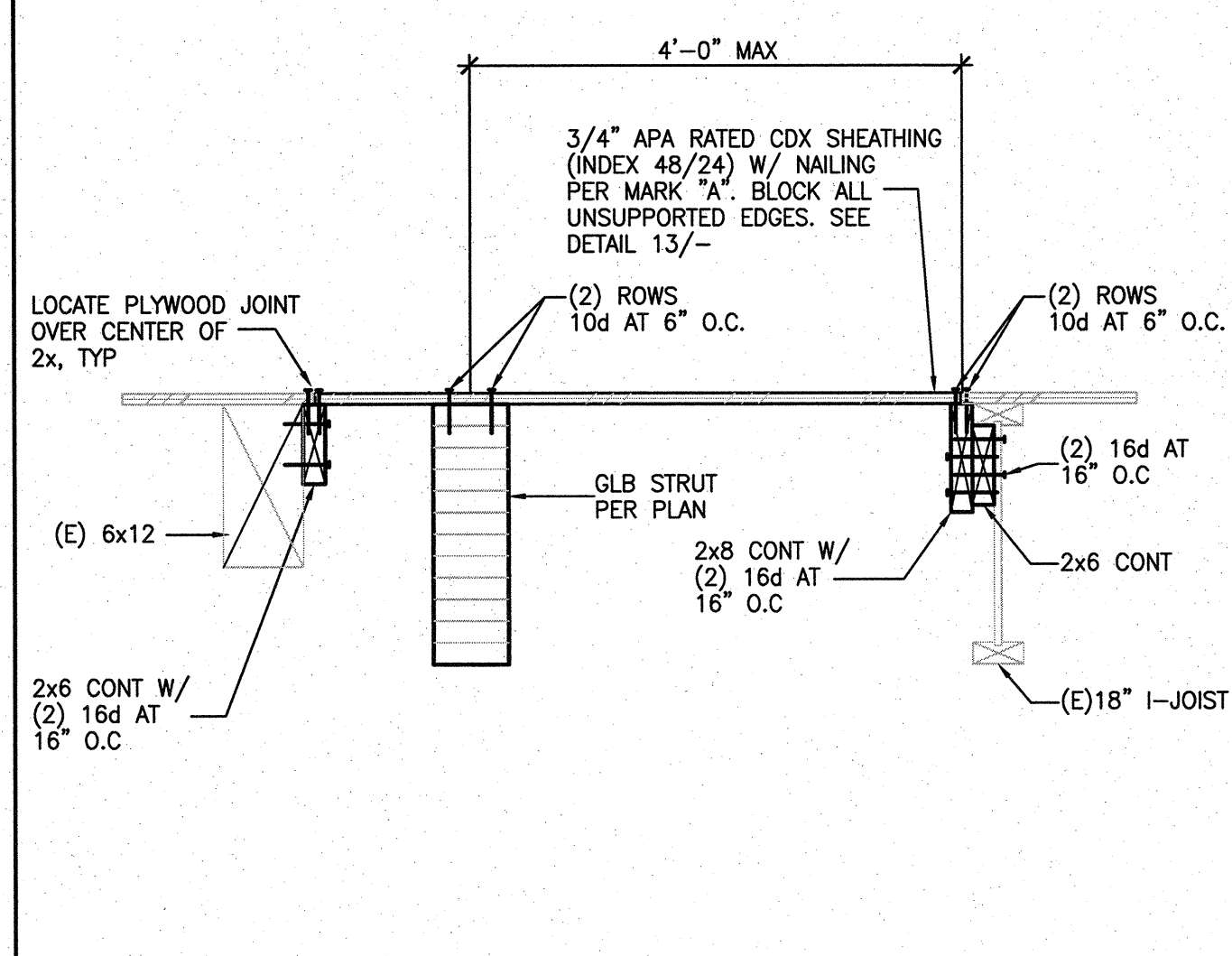
- ROOF FRAMING NOTES**
- SEE SHEET S0.1 FOR STRUCTURAL NOTES AND S4.1 FOR TYPICAL DETAILS.
  - REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN ON THIS PLAN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
  - REFER TO MECHANICAL DRAWINGS FOR ALL HVAC EQUIPMENT AND DUCTING.
  - FIELD VERIFY SIZE AND LOCATION OF EXISTING FRAMING AFFECTED BY THIS CONSTRUCTION. NOTIFY STRUCTURAL ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
  - ALL ITEMS SHOWN FADED REPRESENT EXISTING CONSTRUCTION.

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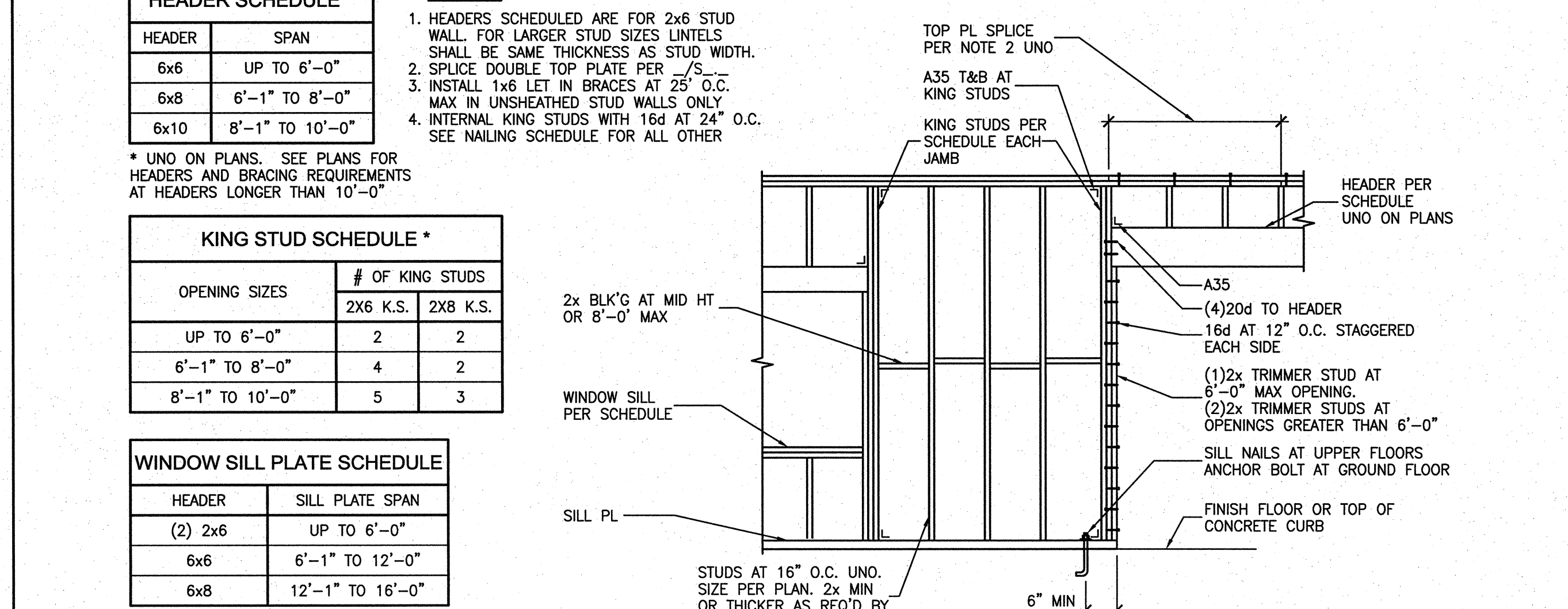
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DATE:	S2.2
PROJECT #:	OF SHEET



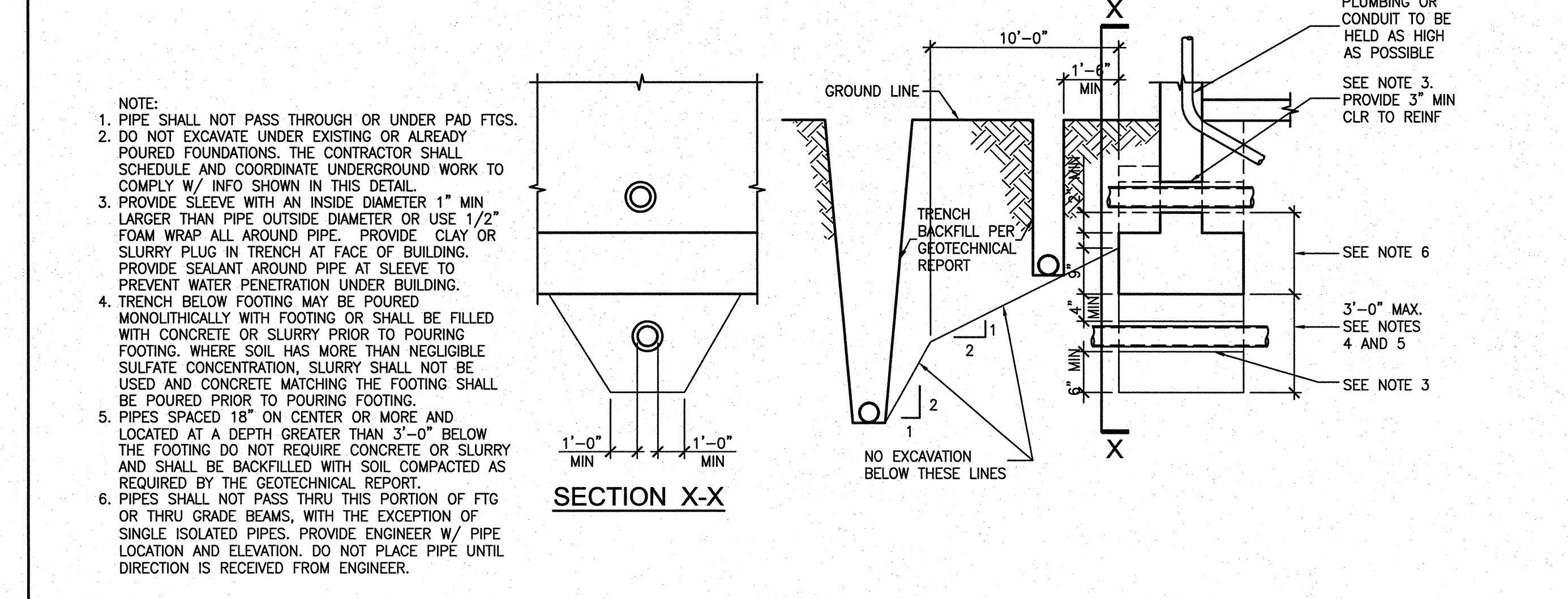
POST AND HOLDOWN AT (E) FOOTING 26



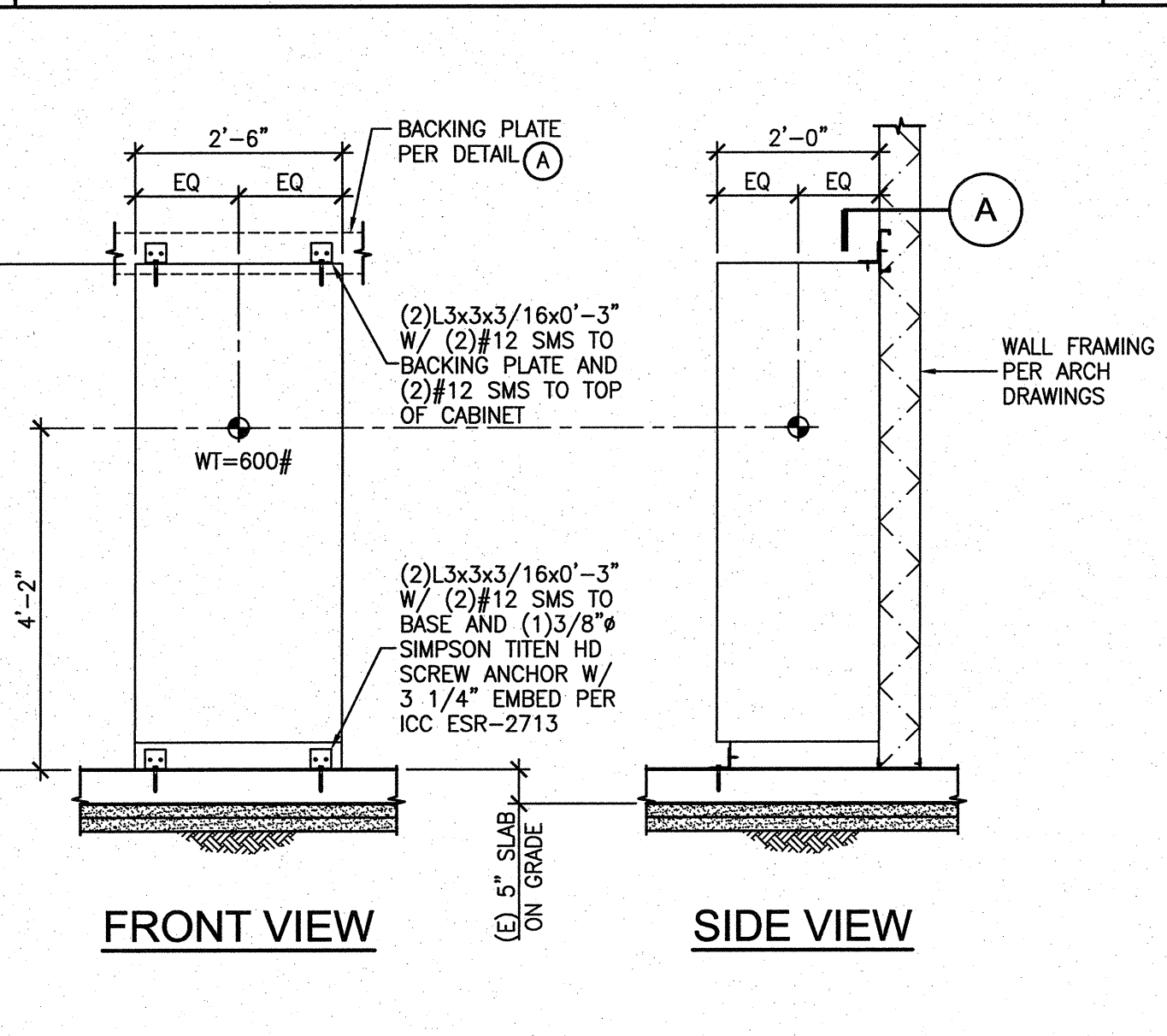
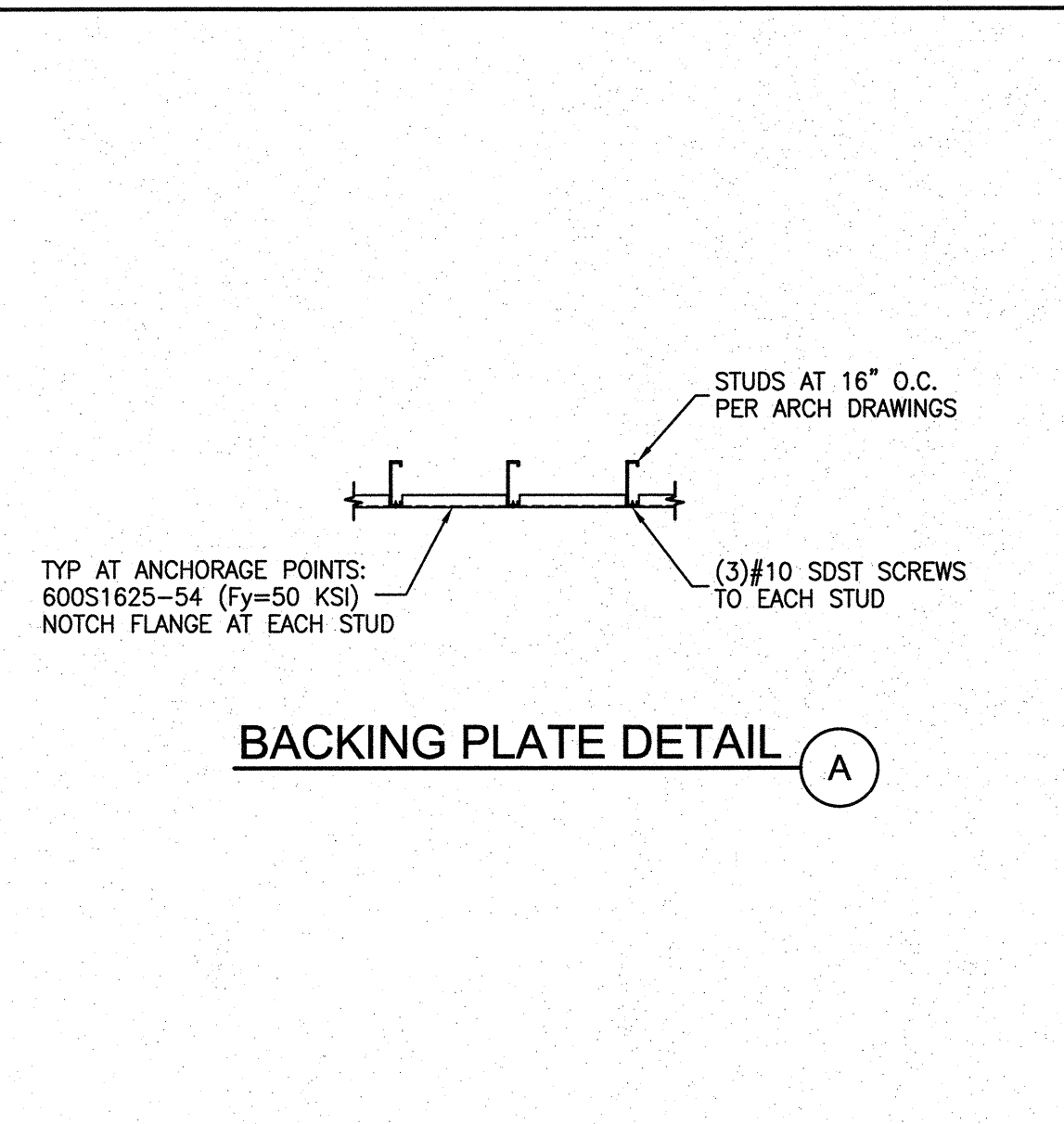
GLB STRUT AT ROOF 21



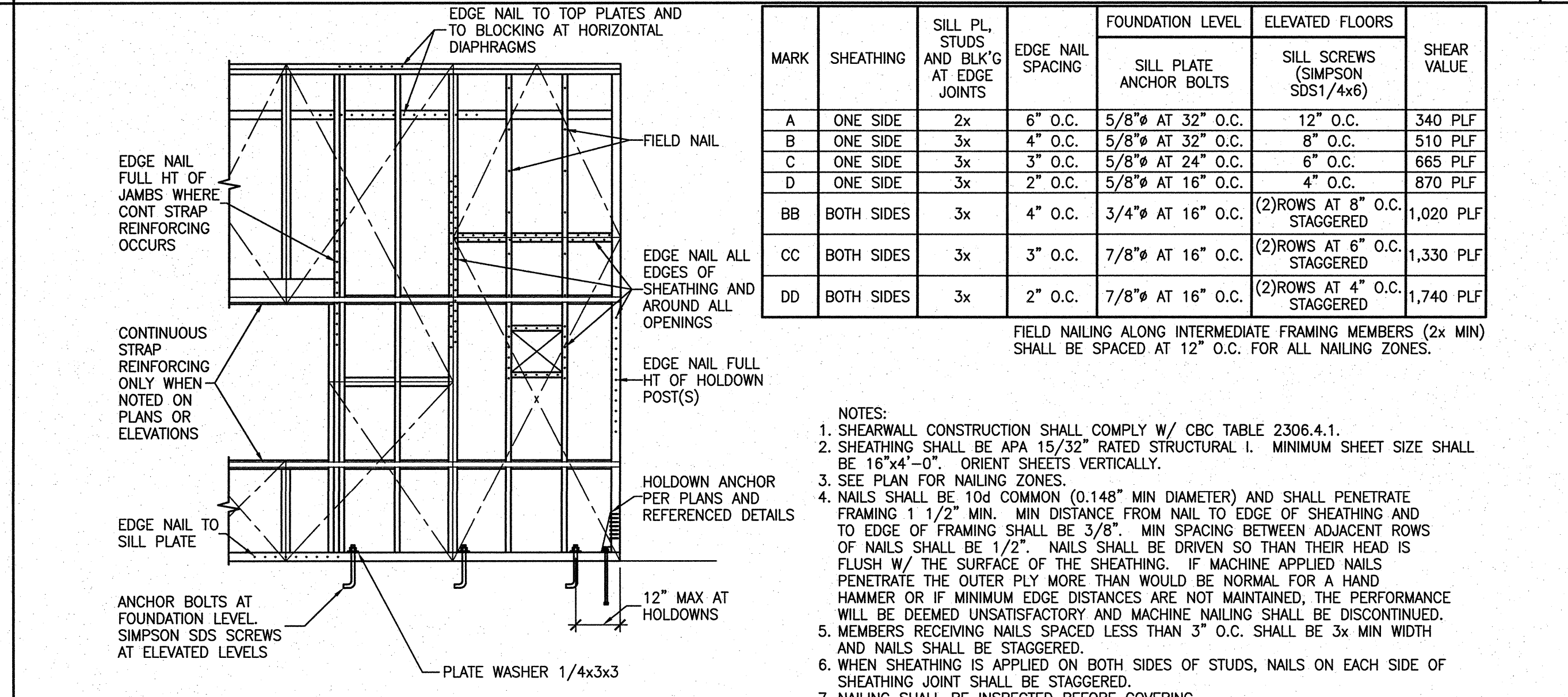
TYPICAL WALL FRAMING DETAILS 11



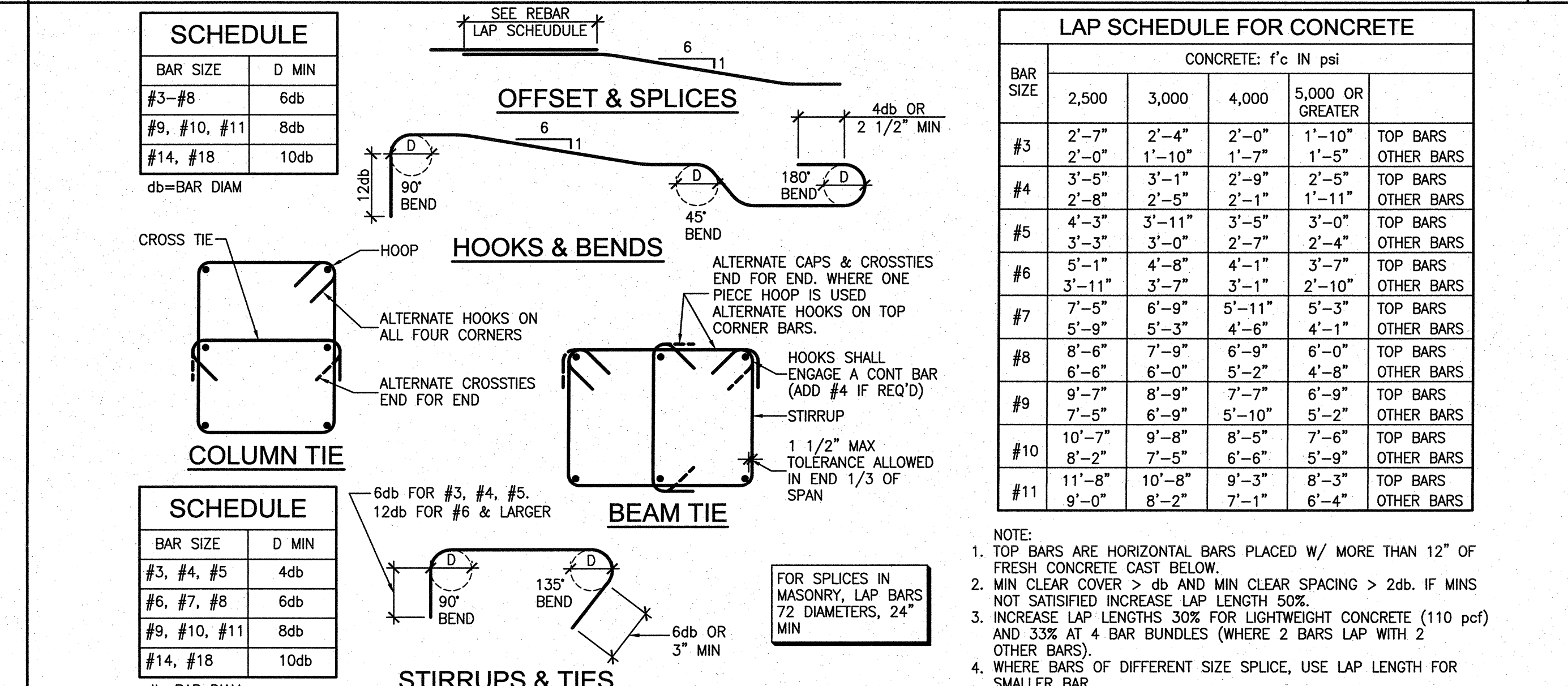
PIPE & TRENCH 1



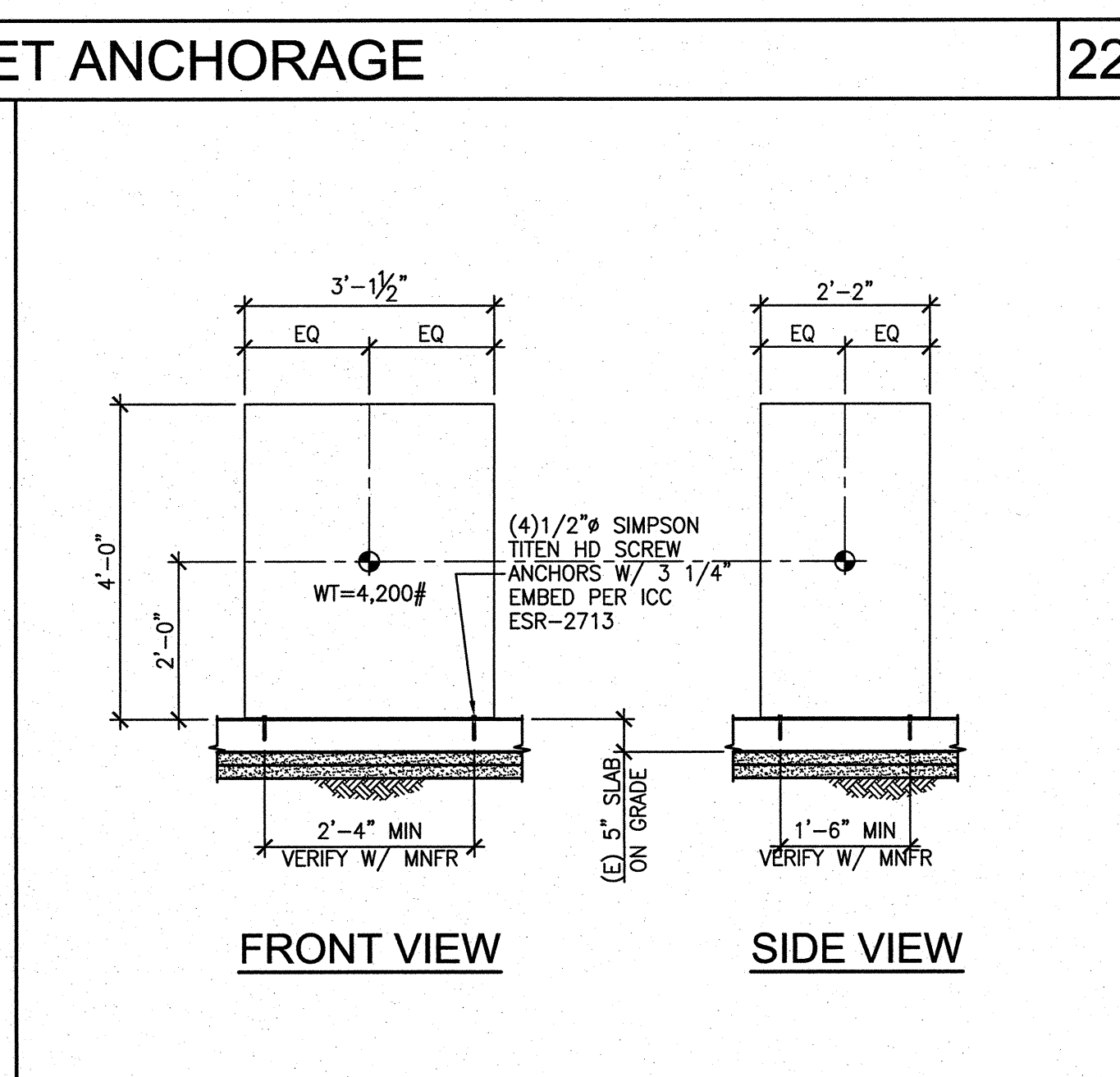
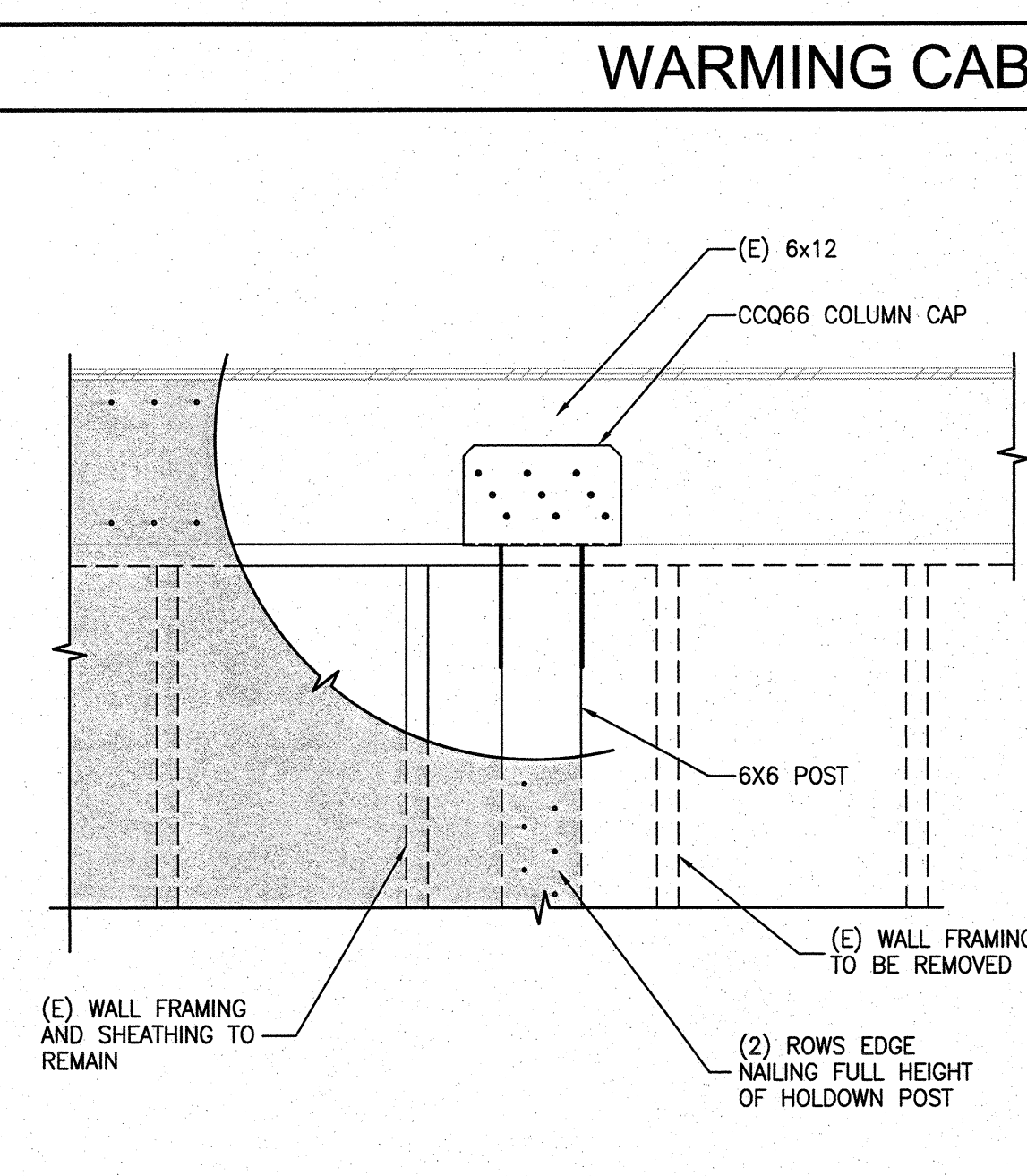
FRONT VIEW SIDE VIEW



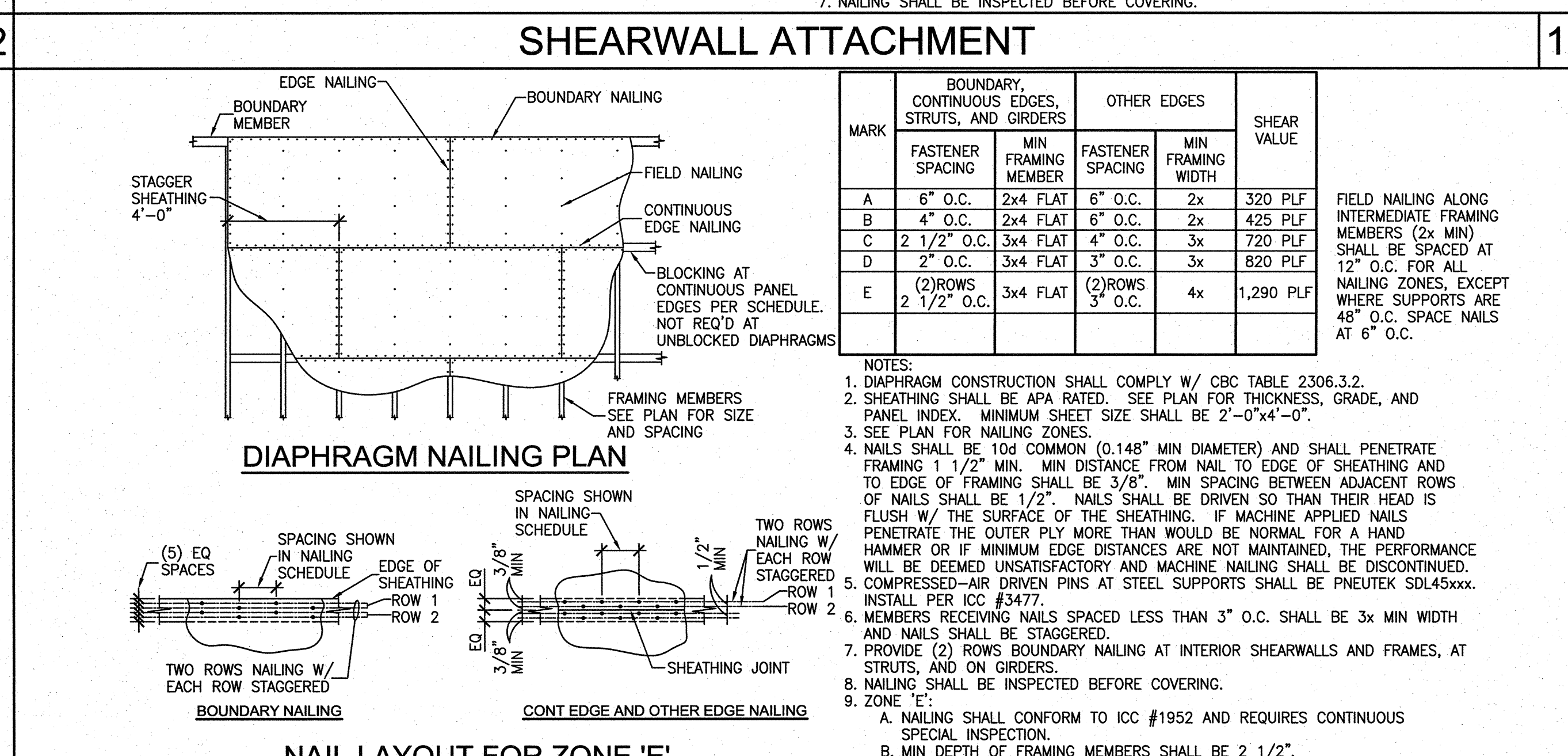
SHEARWALL ATTACHMENT 12



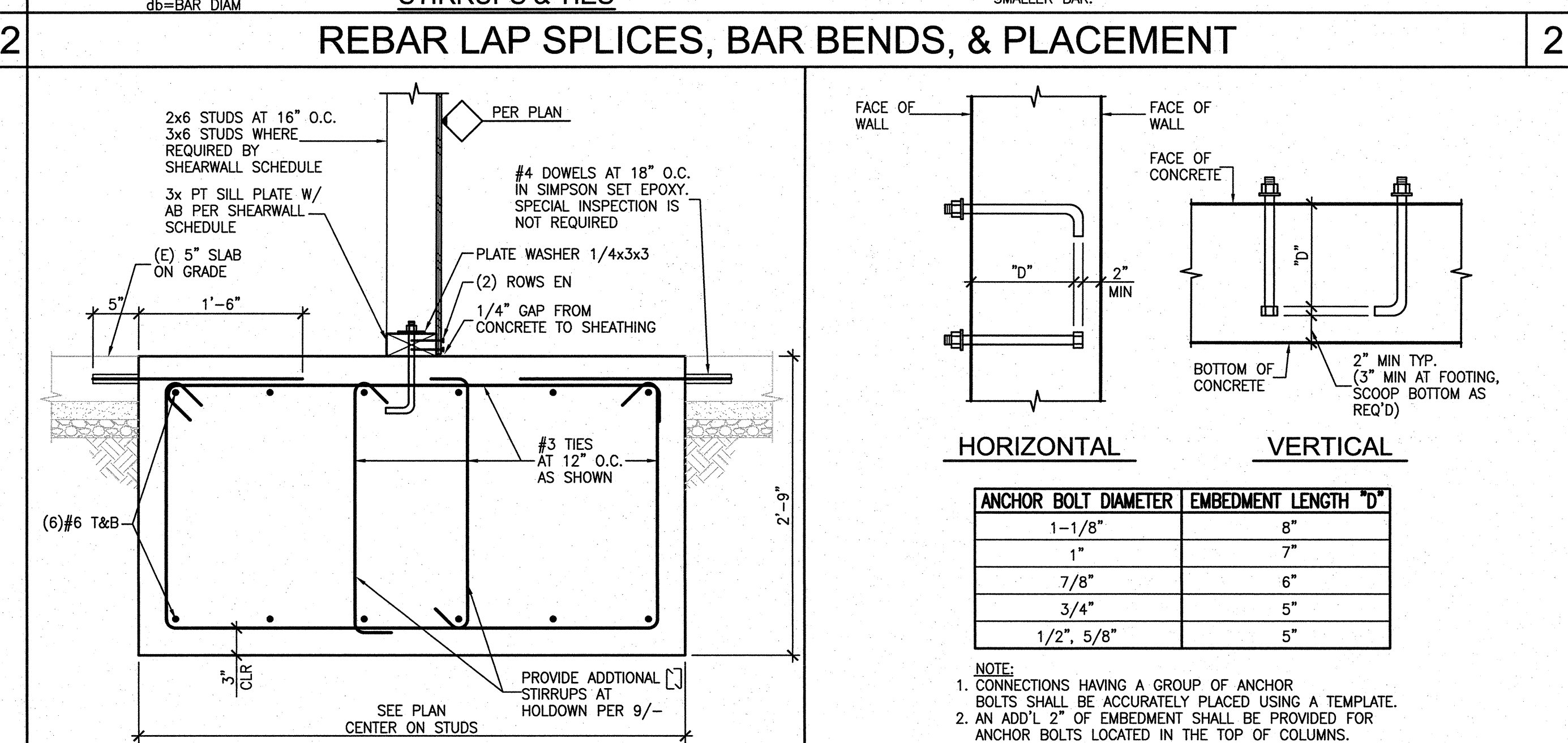
REBAR LAP SPLICES, BAR BENDS, & PLACEMENT 2



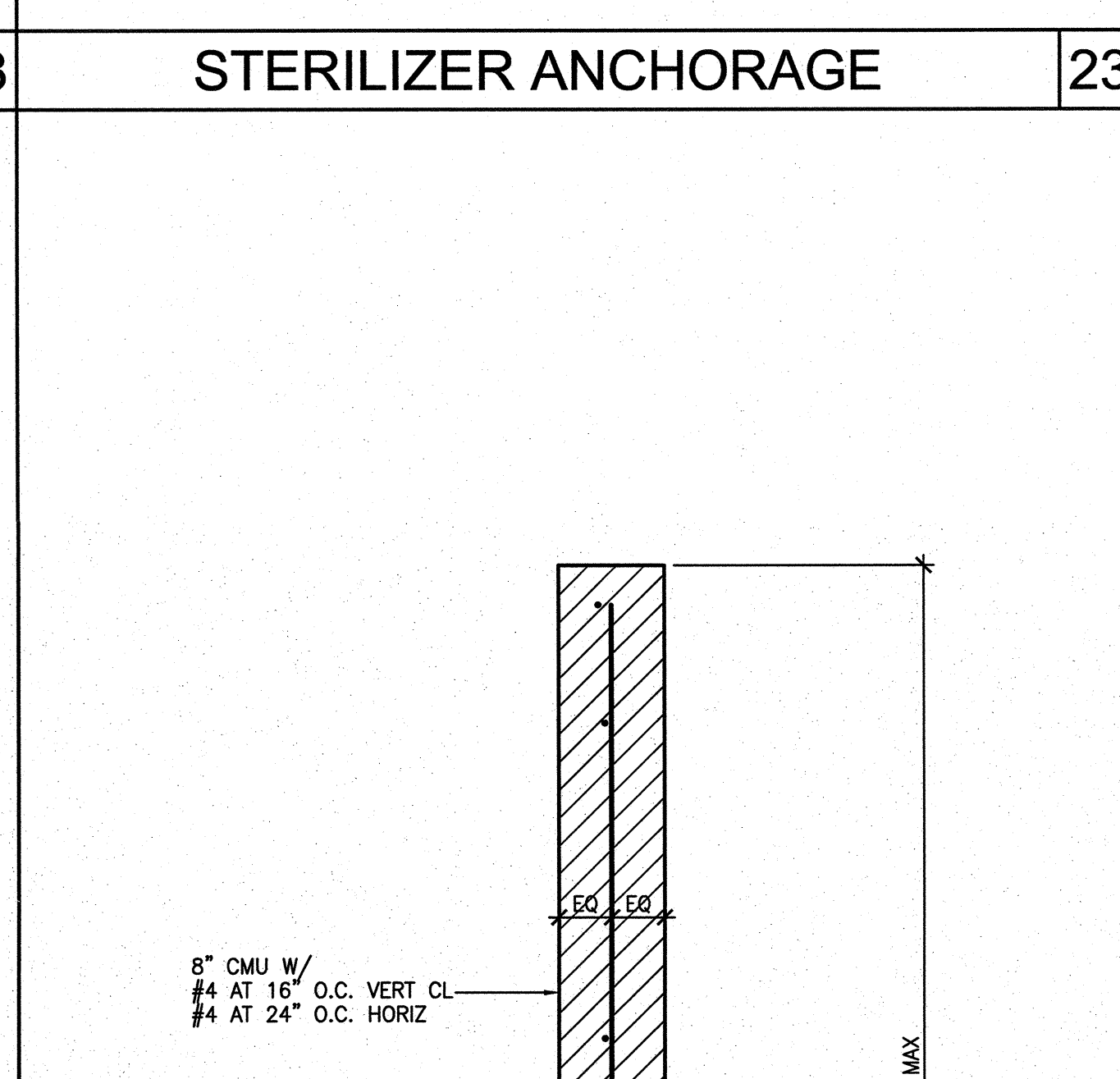
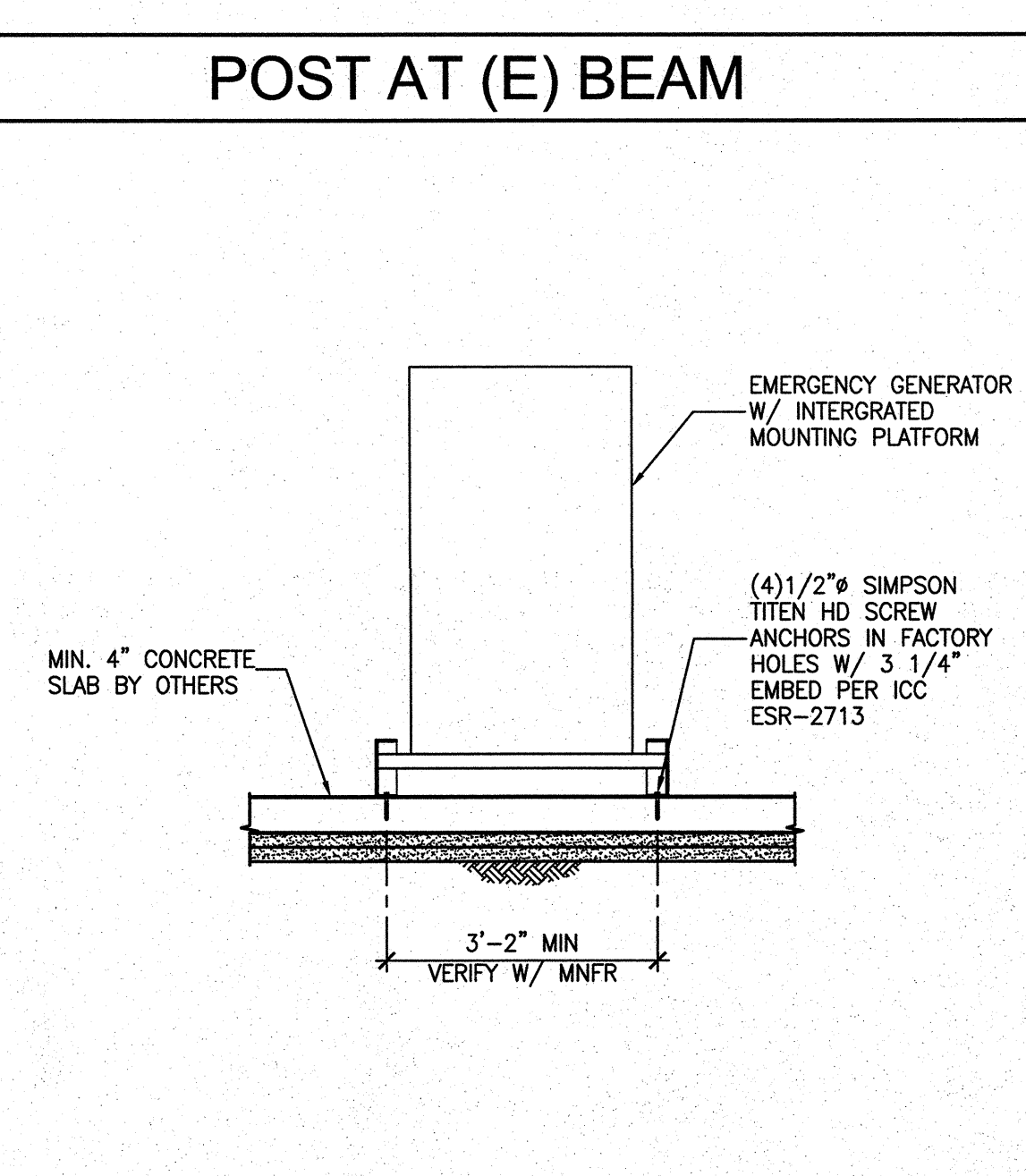
FRONT VIEW SIDE VIEW



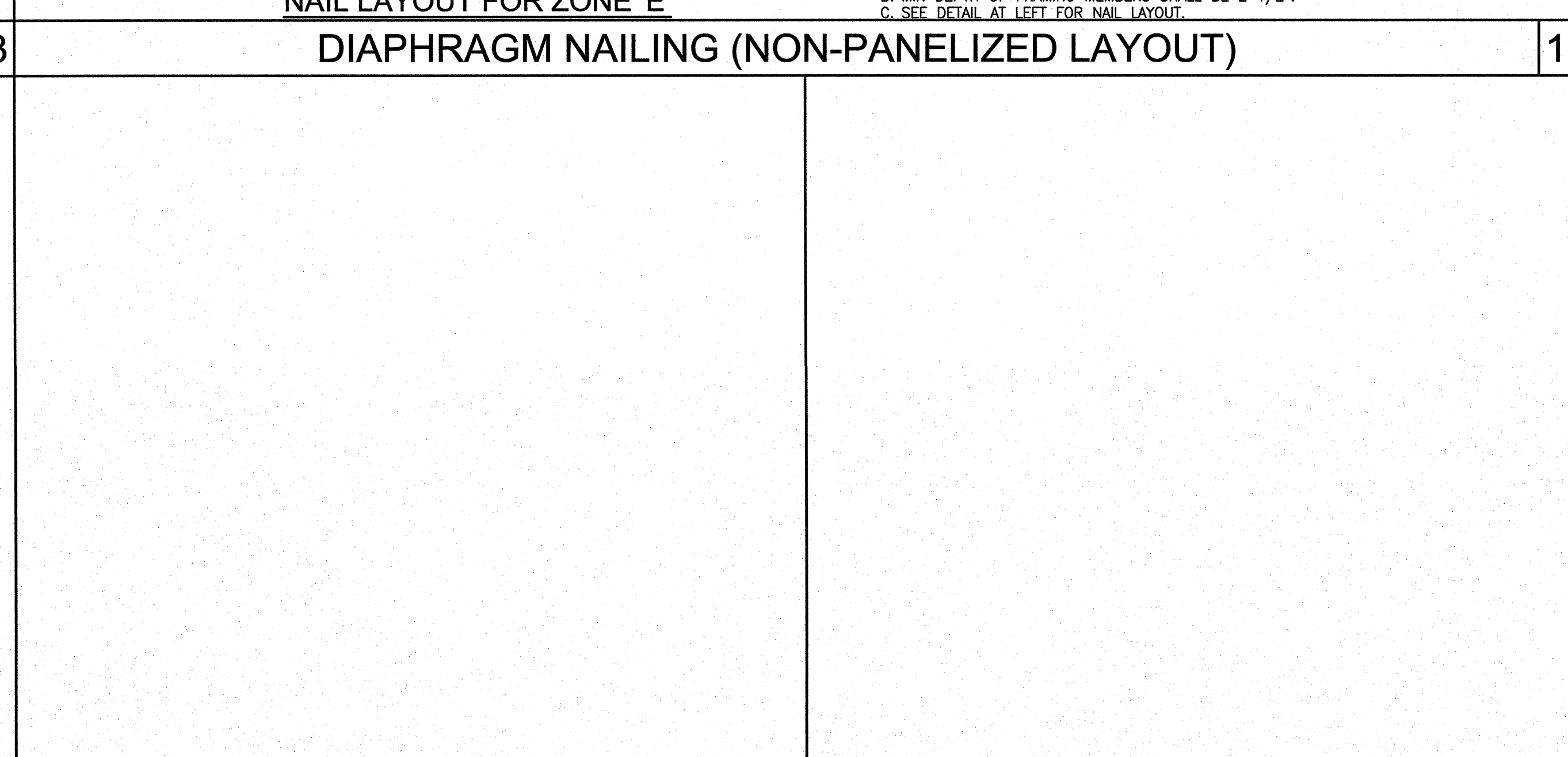
DIAPHRAGM NAILING PLAN NAIL LAYOUT FOR ZONE 'E'



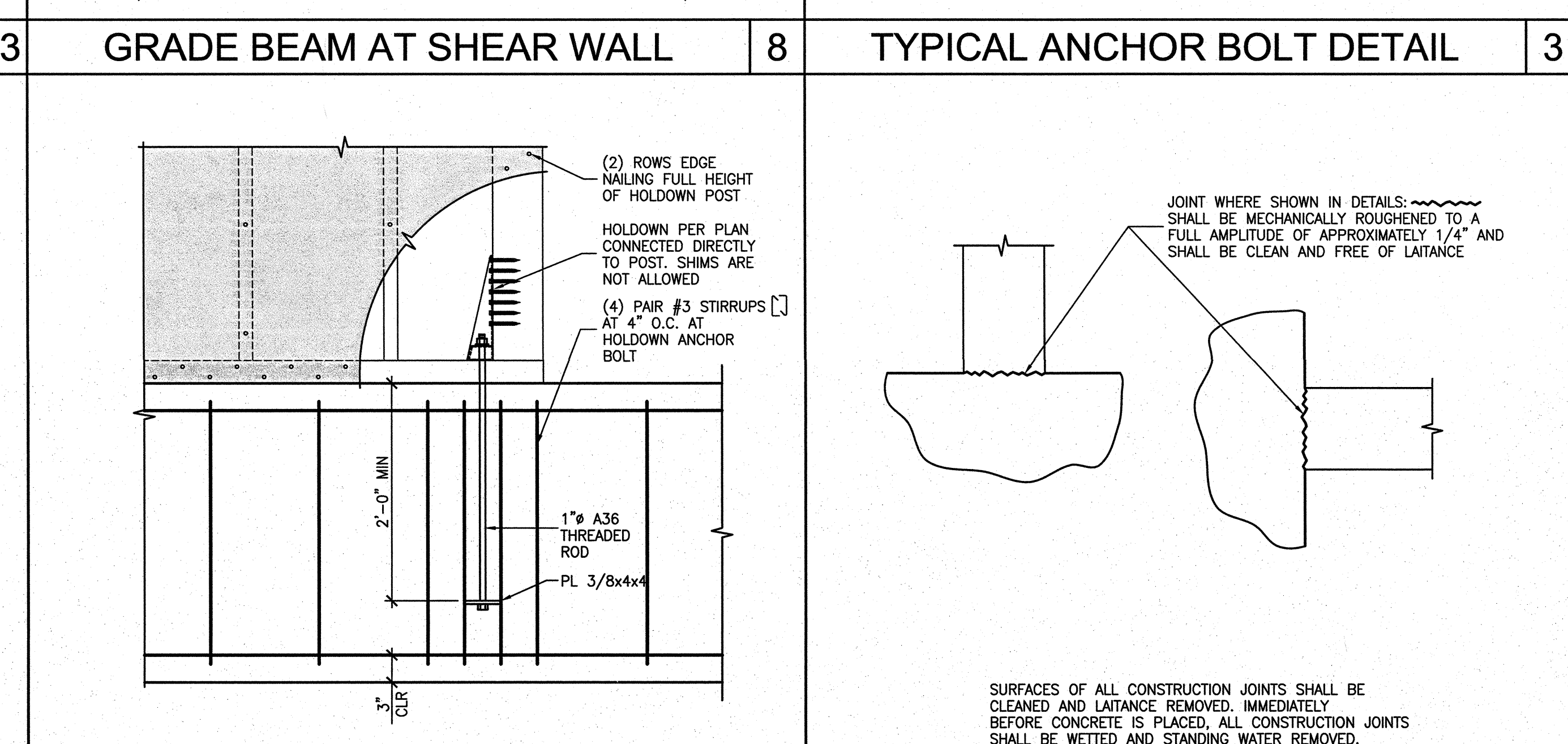
GRADE BEAM AT SHEAR WALL 8



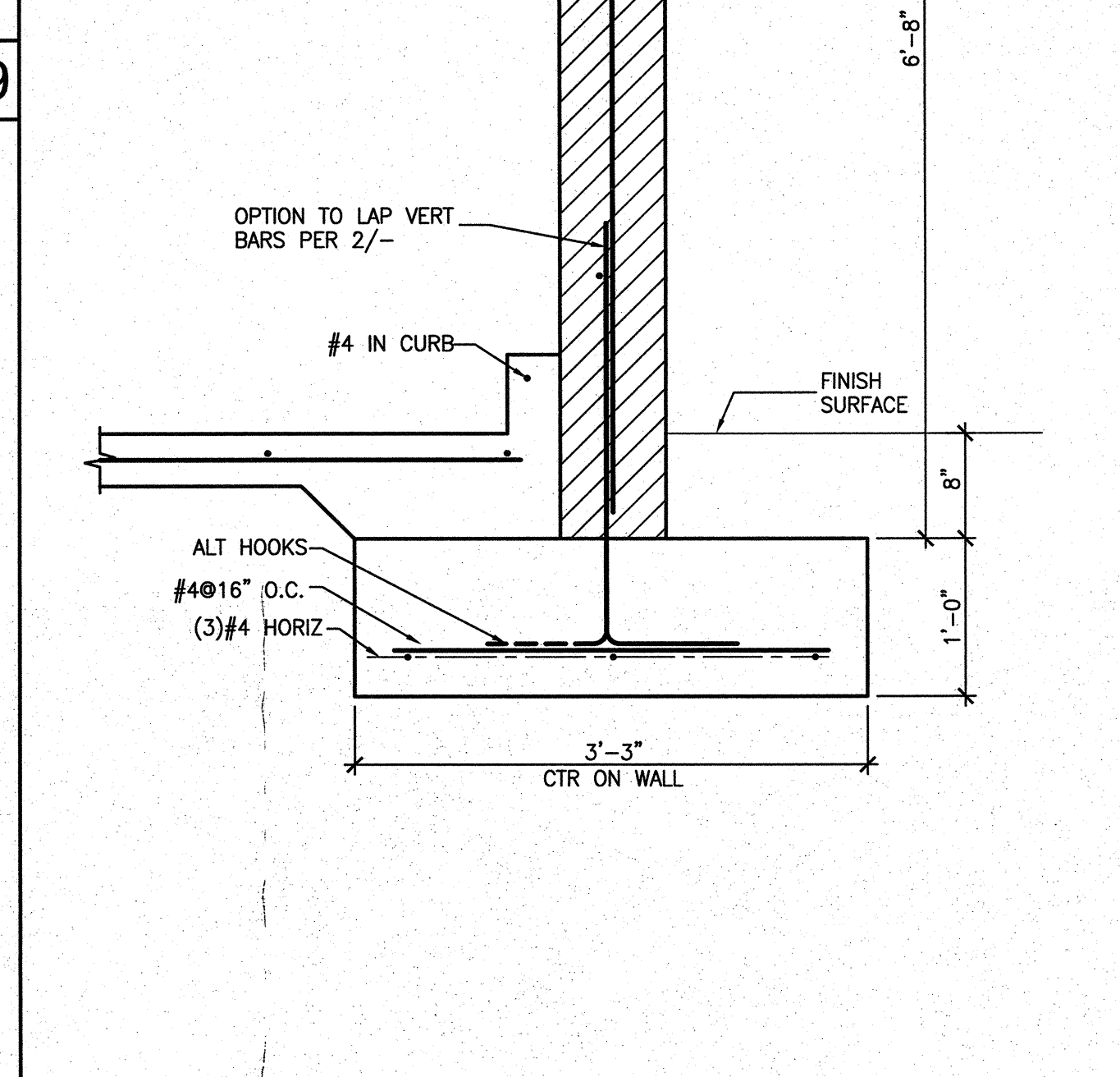
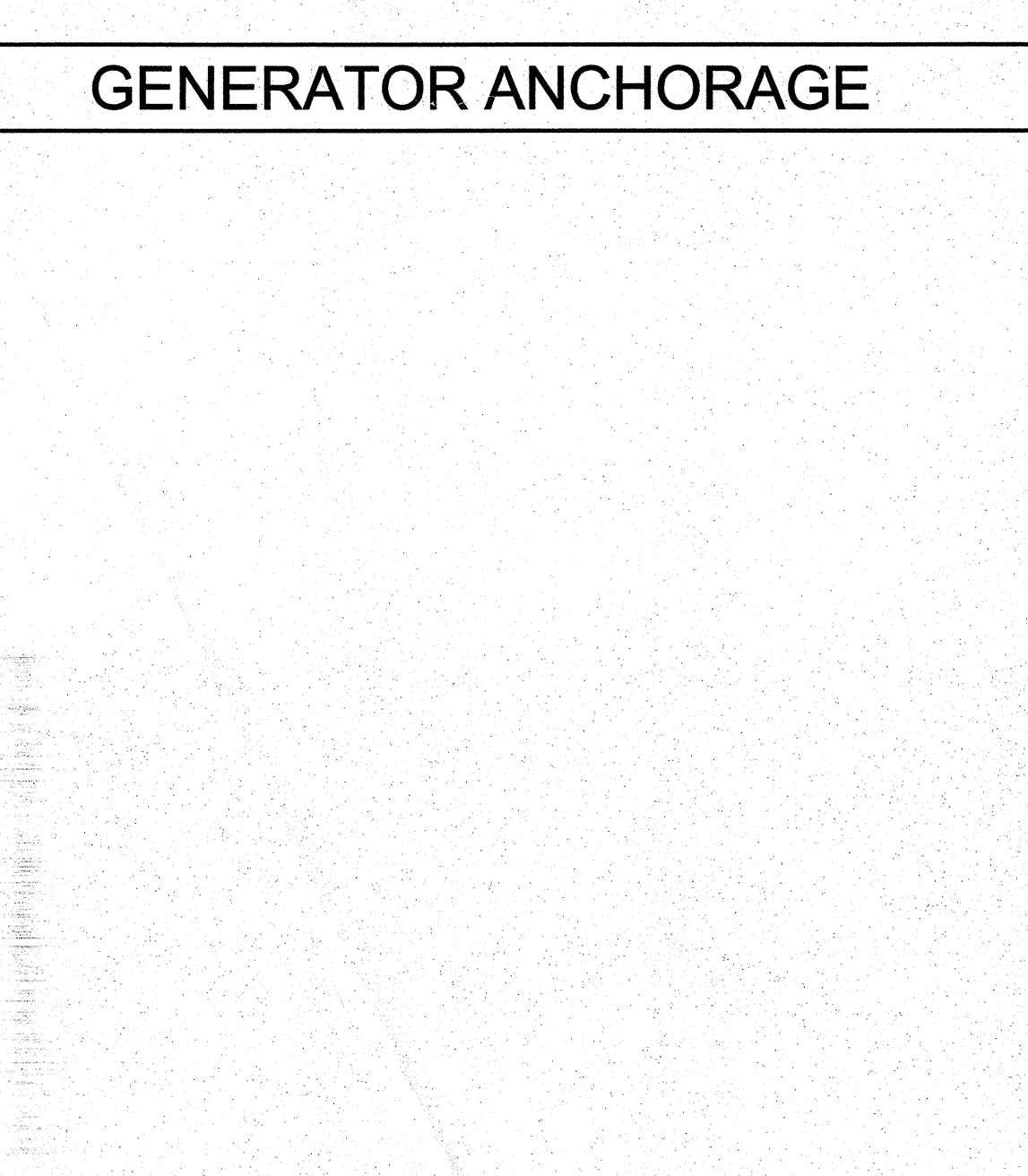
FRONT VIEW SIDE VIEW



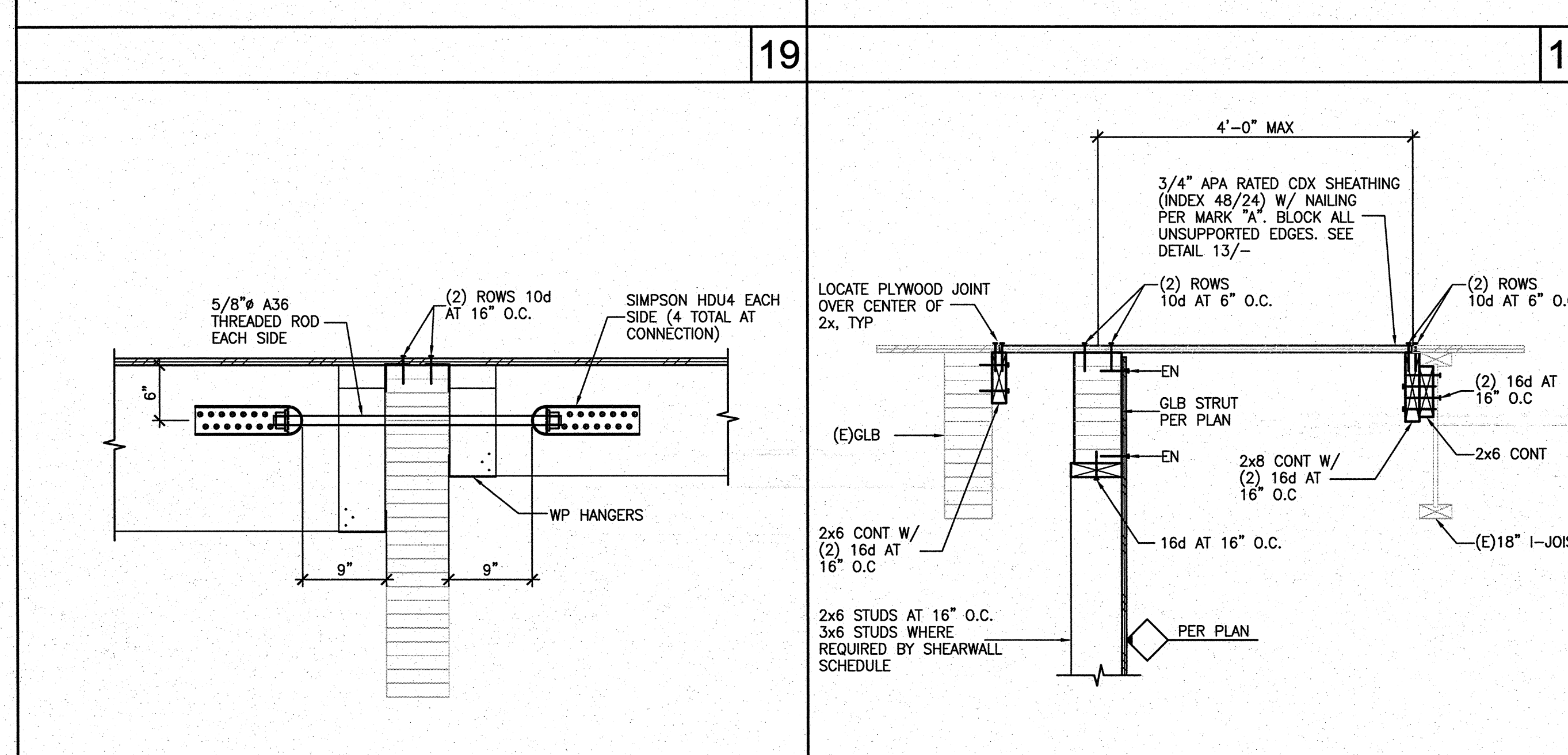
DIAPHRAGM NAILING (NON-PANELIZED LAYOUT) 13



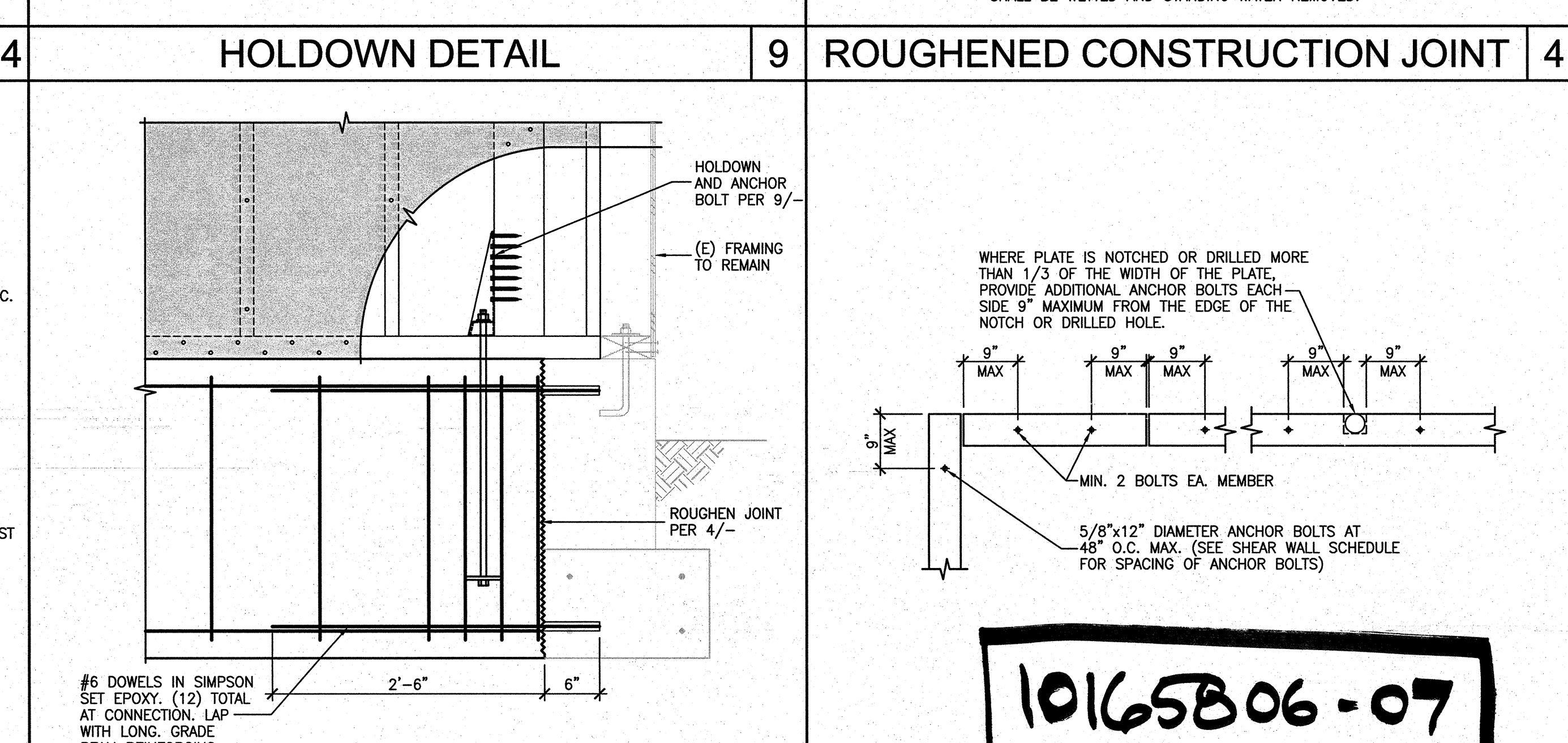
TYPICAL ANCHOR BOLT DETAIL 3



GENERATOR ENCLOSURE WALL 25



DRAG CONNECTION 20



HOLDOWN DETAIL 10

GENERATOR ANCHORAGE 29

GENERATOR ENCLOSURE WALL 25

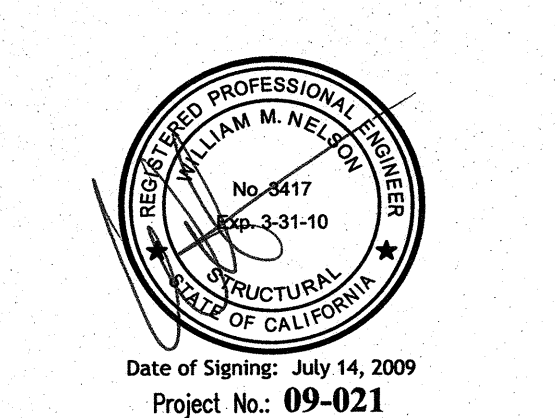
DRAG CONNECTION 20

HOLDOWN DETAIL 10

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STRUCTURAL DETAILS

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