

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17

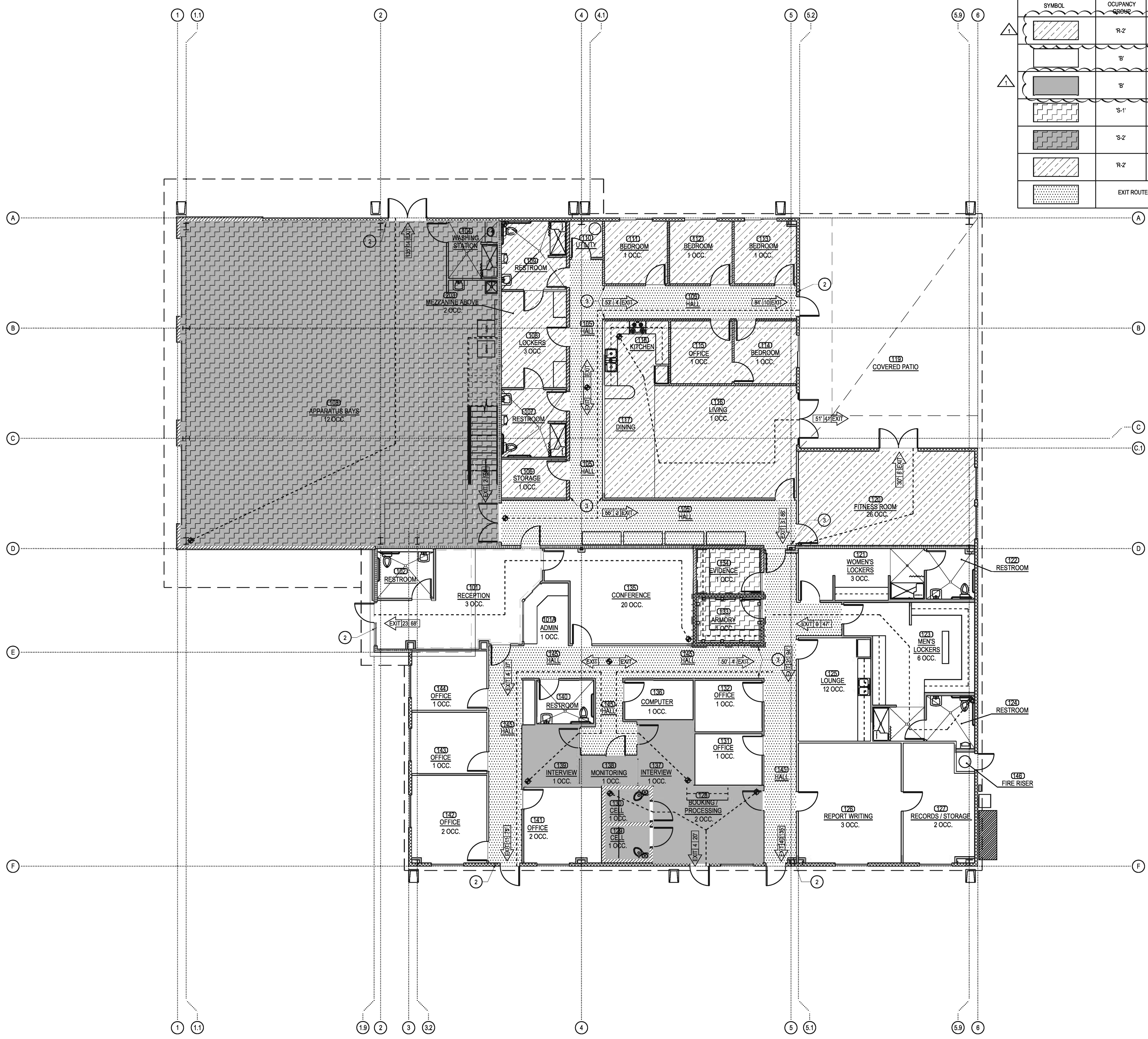


PLAN LEGEND			
SYMBOL	OCCUPANCY GROUP	CONSTRUCTION TYPE	COMMENTS
[Hatched Box]	R-2	V-B	LIVING ROOM, DINING ROOM, KITCHEN, COVERED PATIO, LOUNGE
[Dotted Box]	B	V-B	BUSINESS AREAS, OFFICES, CONFERENCE ROOM
[Cross-hatched Box]	B	V-B	HOLDING CELLS, DETAINEE INTERVIEW ROOMS, MONITORING ROOM, BOOKING / PROCESSING ROOM
[Diagonal Lines]	S-1	V-B	V-B
[Diagonal Lines]	S-2	V-B	V-B
[Diagonal Lines]	R-2	V-B	V-B
[Dashed Line]	EXIT ROUTE		

ACCESSIBLE SIGNS	
1	INTERNATIONAL SYMBOL OF ACCESSIBILITY, PER DET. IA5.0
2	TACTILE "EXIT" SIGN, PER DET. AA5.0
3	TACTILE "EXIT ROUTE" SIGN, PER DET. BIA5.0

NOTE: FOR TACTILE SIGN INFORMATION AND DETAILS SEE SHEET A5.0

OCCUPANCY ANALYSIS							
ROOM ID	TENANT TYPE	ROOM AREA (SQ. FT.)	OCCUPANCY GROUP	LOAD FACTOR	OCCUPANTS	MIN. EXITS REQUIRED	EXITS PROVIDED
101	RECEPTION	286	B	1/100	3	1	1
101A	ADMIN	62	B	1/100	1	1	1
102	RESTROOM	62	B	N/A	N/A	1	1
103	APPARATUS BAY	2,375	S-2	1/200	12	1	1
203	APPARATUS BAY MEZZANINE	502	S-2	1/300	2	1	1
104	WASHING STATION	67	N/A	N/A	1	1	1
105	HALL	663	R-2	1/200	4	1	1
106	STORAGE	60	S-2	1/300	1	1	1
107	RESTROOM	105	R-2	N/A	N/A	1	1
108	LOCKERS	149	R-2	1/50	3	1	1
109	RESTROOM	106	R-2	N/A	N/A	1	1
110	UTILITY	28	S-2	N/A	N/A	1	1
111	BEDROOM	94	R-2	1/200	1	1	1
112	BEDROOM	94	R-2	1/200	1	1	1
113	BEDROOM	92	R-2	1/200	1	1	1
114	BEDROOM	93	R-2	1/200	1	1	1
115	OFFICE	92	B	1/100	1	1	1
116	LIVING	379	R-2	1/200	25	1	1
117	DINING	134	R-2	1/200	9	1	1
118	KITCHEN	98	R-2	1/200	7	1	1
119	COVERED PATIO	976	R-2	1/15	10	1	1
120	FITNESS ROOM	394	R-2	1/200	26	1	1
121	WOMENS LOCKER	154	B	1/50	3	1	1
122	RESTROOM	57	B	N/A	N/A	1	1
123	MENS LOCKERS	302	B	1/50	6	1	1
124	RESTROOM	56	B	N/A	N/A	1	1
125	LOUNGE	178	A-3	1/15	12	1	1
126	REPORT WRITING	292	B	1/100	3	1	1
127	RECORDS/STORAGE	186	B	1/100	2	1	1
128	BOOKING/PROCESSING	196	B	1/100	2	1	1
129	CELL	33	B	1/100	1	1	1
130	CELL	33	B	1/100	1	1	1
131	OFFICE	82	B	1/100	1	1	1
132	OFFICE	82	B	1/100	1	1	1
133	ARMORY	69	S-1	1/300	1	1	1
134	EVIDENCE	69	S-1	1/300	1	1	1
135	CONFERENCE	298	R-2	1/15	20	1	1
136	COMPUTER	64	B	1/100	1	1	1
137	INTERVIEW	82	B	1/100	1	1	1
138	MONITORING	38	B	1/100	1	1	1
139	INTERVIEW	76	B	1/100	1	1	1
140	RESTROOM	59	B	N/A	N/A	1	1
141	OFFICE	139	B	1/100	2	1	1
142	OFFICE	156	B	1/100	2	1	1
143	OFFICE	109	B	1/100	1	1	1
144	OFFICE	106	B	1/100	1	1	1
145	HALL	717	B	1/100	7	1	1
146	FIRE RISER CLOSET	9	B	N/A	N/A	1	1
TOTAL NET AREA		10,553			180	-	-



**EXITING PLAN**

1/8"=1'-0"

**A**

**ACCESSIBILITY NOTES**

- HAND ACTIVATED DOOR OPENING HARDWARE TO BE MOUNTED 34" TO 44" ABOVE THE FLOOR AND TO BE OPENABLE WITH A SINGLE EFFORT BY LEVER TYPE HARDWARE.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND INTERIOR DOORS, APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED. THE MAXIMUM EFFORT TO OPERATE FIRE DOORS MAY BE INCREASED UP TO 15 POUNDS IF ALLOWED BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY.
- ALL REQUIRED EXIT DOORWAYS SHALL HAVE A MINIMUM 32" CLEAR OPENING WITH THE DOOR AT 90° TO THE CLOSED POSITION.
- MAXIMUM HEIGHT OF THRESHOLD TO BE 1/2". MAXIMUM VERTICAL CHANGE AT EDGE IS 1/4" WITH A MAXIMUM BEVEL OF 6°.
- PROVIDE A 12" EQUILATERAL TRIANGLE (VERTEX POINTING UP) ON DOOR TO MEN'S FACILITIES AND A 12" DIA. CIRCLE ON DOOR TO WOMEN'S FACILITIES. THESE SYMBOLS SHOULD BE OF CONTRASTING COLOR, 1/4" THICK AND CENTERED ON THE DOOR 80" HIGH.
- PROVIDE MINIMUM CLEARANCE OF 18" FOR INTERIOR DOORS AND 24" FOR EXTERIOR DOORS FROM THE STRIKE EDGE.
- HANDICAP ACCESSIBILITY IS REQUIRED FOR AREA, ENTRANCE AND PATH OF TRAVEL.
- AT EVERY PRIMARY PUBLIC 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 IN CURRENT EDITION OF THE I.B.C.
- WHERE FIXED OR BUILT-IN TABLES, COUNTERS OR SEATS ARE PROVIDED FOR THE PUBLIC, AND IN GENERAL EMPLOYEE AREAS, 5% (BUT NEVER LESS THAN ONE) MUST BE ACCESSIBLE.
- THE TOPS OF TABLES AND COUNTERS SHALL BE 28" TO 34" FROM THE FLOOR. WHERE A SINGLE COUNTER CONTAINS MORE THAN ONE TRANSACTION STATION SUCH AS A BANK COUNTER WITH MULTIPLE TELLER WINDOW OR A RETAIL SALES COUNTER WITH MULTIPLE CASH REGISTER STATIONS, AT LEAST 5% (BUT NEVER LESS THAN ONE TYPE OF EACH STATION) SHALL BE LOCATED AT A SECTION OF COUNTER THAT IS AT LEAST 36" LONG AND NO MORE THAN 28" TO 34" HIGH.
- LANDINGS SHALL BE PROVIDED AT ALL EXIT DOORS. LANDINGS SHALL HAVE A WIDTH OF NOT LESS THAN THE WIDTH OF THE DOOR SERVED WHICH EVER IS GREATER. DOORS SWINGING OVER LANDINGS SHALL NOT REDUCE THE WIDTH BY MORE THAN SEVEN INCHES WHEN FULLY OPEN. WHEN SERVING 50 OR MORE, THE DOOR IN ANY POSITION SHALL NOT REDUCE THE REQUIRED WIDTH TO LESS THAN ONE-HALF. LANDINGS SHALL HAVE A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES. THE MINIMUM PUSH SIDE CLEARANCE OF 12 INCHES SHALL BE PROVIDED AT THE LANDING IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER.
- PROVIDE A LEVEL FLOOR OR LANDING ON EACH SIDE OF A DOOR NOT MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY.
- THE BOTTOM 10 INCHES 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 HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10 INCH HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE.
- DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. MANUALLY OPERATED BOLTS OR SURFACE BOLTS ARE NOT PERMITTED. THE UNLATCHING OF ANY DOOR OR LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- LATCHING AND LOCKING DOORS THAT ARE ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATED BARS, U SHAPED HANDLES, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE.
- FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
- WHEN A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES WITH THE DOOR POSITIONED AT AN ANGLE OF 90 DEGREES FROM ITS CLOSED POSITION.
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- WHEN A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
- LESS THAN ONE-HALF LANDINGS SHALL HAVE A LENGTH IN THE DIRECTION OF THE DOOR SWING OF AT LEAST 60 INCHES AND THE LENGTH OPPOSITE THE DIRECTION OF THE DOOR SWING OF 48 INCHES. THE MINIMUM PUSH SIDE CLEARANCE OF 12 INCHES SHALL BE PROVIDED AT THE LANDING IF THE DOOR IS EQUIPPED WITH BOTH A LATCH AND A CLOSER.
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**TACTILE EXIT SIGNAGE LOCATIONS**

- TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:
- EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".
  - EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT WITH THE WORDS "EXIT ROUTE".
  - EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS TO HAVE A VISUAL EXIT SIGN SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE".
  - EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS "TO EXIT".

**GENERAL NOTES**

- THESE CONSTRUCTION DOCUMENTS HAVE BEEN SUBMITTED FOR REVIEW WITH THE INTENT OF OBTAINING APPROVAL FOR A "COMPLETE BUILDING" INCLUDING ELECTRICAL, MECHANICAL AND PLUMBING SYSTEMS.
- MAINTAIN MINIMUM 44" WIDE AISLES TO ALL EXITS EXCEPT WHERE NOTED OTHERWISE.
- PROVIDE OUTSIDE GAS SHUT-OFF VALVE CONSPICUOUSLY MARKED.
- CONTACT THE SERVING UTILITY COMPANY CUSTOMER PLANNING DEPARTMENT TO VERIFY LOCATION OF ELECTRICAL AND GAS EQUIPMENT.
- SEE STOREFRONT SPECIFICATION SHEET FOR SAFETY GLAZING REQUIREMENTS AT EXTERIOR DOORS AND WINDOWS.
- WHEN WALLS AND CEILING ARE REQUIRED TO BE FIRE-RESISTIVE OR NON-COMBUSTIBLE, THE FINISH MATERIAL SHALL BE APPLIED DIRECTLY AGAINST SUCH FIRE-RESISTIVE OR NON-COMBUSTIBLE CONSTRUCTION OR TO FURRING STRIPS NOT EXCEEDING 1 3/4". THE FURRED SPACE SHALL BE FILLED WITH INORGANIC OR CLASS I MATERIAL OR FIRE STOPPED NOT TO EXCEED 8 FEET IN ANY DIRECTION PER THE CURRENT EDITION OF THE I.B.C.
- VENTILATION SHALL COMPLY WITH CURRENT EDITION OF THE I.B.C.
- WATER HEATERS SHALL COMPLY WITH THE GOVERNING PLUMBING CODE FOR THERMAL EXPANSION REQUIREMENTS.
- VERIFY OR PROVIDE FIRE BLOCKS AND/OR DRAFT STOPS IN ALL EXISTING CONCEALED SPACES AS REQUIRED IN THE CURRENT EDITION OF THE I.B.C.
- ALL EXTERIOR DOORS SHALL BE WEATHERSTRIPPED.
- DECORATIVE MATERIALS AND TRIM INSTALLED IN BUILDINGS GOVERNED BY THE SFM SHALL COMPLY WITH THE PROVISIONS OF CURRENT EDITION OF THE I.B.C.
- THERMAL AND ACOUSTICAL INSULATION SHALL COMPLY WITH CURRENT EDITION OF THE I.B.C.
- CONSIDERATION WILL NOT BE GRANTED FOR ANY ALLEGED MISUNDERSTANDINGS OF THE AMOUNT OF WORK TO BE PERFORMED. TENDER OF PROPOSAL SHALL CONVEY FULL AGREEMENT TO THE ITEMS AND CONDITIONS INDICATED ON THE DRAWINGS. SHOULD THE CONTRACTOR FIND DISCREPANCIES OR OMISSIONS IN THE CONTRACT DOCUMENT OR BE IN DOUBT AS TO THE INTENT THEREOF, THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO SUBMITTING HIS PROPOSAL FOR WORK.
- WALLS TO STRUCTURAL DECK MUST BE THOROUGHLY SEALED AROUND PENETRATIONS.
- REFER TO WALL TYPE SCHEDULE FOR ALL NEW WALLS.
- G.C. TO COORDINATE AND PROVIDE ALL BLOCKING FOR EQUIPMENT, MILLWORK, AND FIXTURES.

**EXITING NOTES**

- ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT-CANDLE AT THE FLOOR LEVEL.
- ANY ROOMS OR AREAS THAT REQUIRE MORE THAN ONE EXIT SHALL BE PROVIDED WITH EXIT SIGNS CONFORMING TO THE CURRENT EDITION OF THE I.B.C. MAIN EXTERIOR EXIT DOORS THAT OBVIOUSLY AND CLEARLY ARE IDENTIFIABLE AS EXIT DOOR NEED NOT HAVE EXIT SIGNS WHEN APPROVED BY THE BUILDING OFFICIAL.
- WHERE EXIT SIGNS ARE SPECIFIED, ALL SIGNAGE SHALL BE INTERNALLY ILLUMINATED WITH AN INTENSITY OF NOT LESS THAN FIVE FOOT-CANDLES FROM EITHER OF TWO ELECTRIC LAMPS. ALL ILLUMINATED EXIT SIGNS SHALL BE PROVIDED WITH A BATTERY BACKUP.
- EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL. NO POINT SHALL BE MORE THAN 100 FEET FROM THE NEAREST VISIBLE SIGN.
- EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF APPROACH.
- ALL DOORS AND GATES SERVING A MEANS OF EGRESS SYSTEM AND BEING USED AS A COMPONENT OF A MEANS OF EGRESS SYSTEM SHALL FULLY MEET THE DOOR REQUIREMENTS OF CURRENT EDITION OF THE I.B.C.
- ALL EXIT DOORS SHALL OPEN IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING AN OCCUPANT LOAD OF GREATER THAN 50.
- MAINTAIN MINIMUM 44" WIDE AISLES TO ALL EXITS UNLESS NOTED OTHERWISE.
- THE MAXIMUM NUMBER OF REQUIRED EXITS AND THEIR REQUIRED SEPARATION MUST BE MAINTAINED UNTIL EGRESS IS PROVIDED FROM THE STRUCTURE.
- PER CURRENT EDITION OF THE I.B.C. FLUSH BOLTS OR SURFACE BOLTS ARE PROHIBITED ON ALL EXIT DOORS.
- DOORS IN THE MEANS OF EGRESS SYSTEM TO BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
- PROVIDE EMERGENCY LIGHTING WITH A BATTERY BACK IN ALL ROOMS OR AREAS WITH AN OCCUPANT LOAD OF MORE THAN 100 OCCUPANTS.
- AT EXIT SIGN LOCATIONS, TACTILE EXIT SIGNS ARE REQUIRED AT THE FOLLOWING LOCATIONS:
  - EACH GRADE-LEVEL EXTERIOR EXIT DOOR IDENTIFIED BY A TACTILE EXIT WITH THE WORD "EXIT".
  - EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE".
- THE LEVER OF LEVER ACTUATED LATCHES OF LOCKS SHALL BE CURVED WITH A RETURN TO WITHIN 1/2 INCH OF THE DOOR TO PREVENT CATCHING ON THE CLOTHING OF PERSONS DURING EGRESS.
- SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED.
- EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (5 LUX).
- INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.
- EXIT SIGNS SHALL BE ILLUMINATED AT ALL TIMES.
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MIN. IN CASE OF PRIMARY POWER LOSS (1011.2-1011.5.3)
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. SEE 1 008.1.3.3 FOR EXCEPTIONS.
- DOOR HANDLES, LOCK AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MIN. 34" AND A MAX. 44" ABOVE THE FINISHED FLOOR.
- THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED.
- ALL EGRESS DOOR OPERATION SHALL ALSO COMPLY WITH SECTION 1008.1.9-1 008.1.9.7.
- THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
- THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE.
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY ILLUMINATE THE FOLLOWING AREAS:
  - 25.1. AISLES AND UNENCLOSED EGRESS STAIRWAYS IN ROOMS AND SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS.
  - 25.2. CORR-DORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
  - 25.3. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
  - 25.4. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1027.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
  - 25.5. EXTERIOR LANDINGS, AS REQUIRED BY SECTION 1 008.1.5, FOR EXIT DISCHARGE DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.
- EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE (1 LUX) MEASURED ALONG THE PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
- DURING PERIODS OF PARTIAL OR RESTRICTED USE OF A BUILDING OR FACILITY, THE ENTRANCES USED FOR PRIMARY ACCESS SHALL BE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITY.

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PROJECT

A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

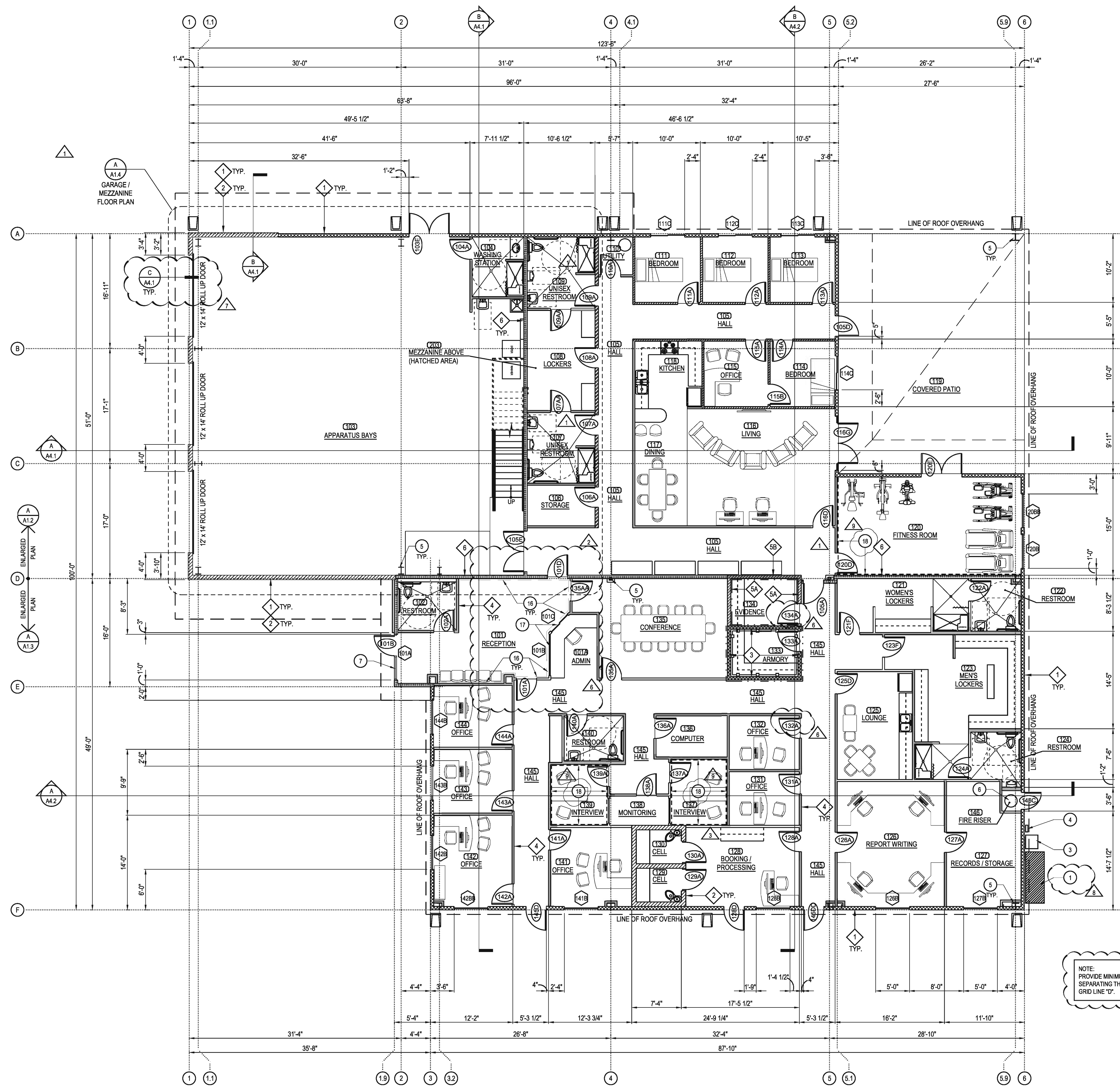
NO.	DESCRIPTION	DATE
1	80 REVISIONS	05-16-17



SHEET TITLE  
**GENERAL NOTES**

DATE	TITLE	SCALE	TITLE
DRAWN BY	TITLE	DRAWN BY	TITLE
CHECKED BY	TITLE	CHECKED BY	TITLE
PROJECT NO.	TITLE	PROJECT NO.	TITLE

**A.10**



**BUILDING AREA ANALYSIS**

FIRE DEPARTMENT LIVING AREA	2,777 SQ.FT.
FIRE DEPARTMENT GARAGE AREA	2,538 SQ.FT.
FIRE DEPARTMENT MEZZANINE AREA	502 SQ.FT.
TOTAL FIRE DEPARTMENT AREA (FOOTPRINT)	5,817 SQ.FT.
SHERIFFS OFFICE AREA	4,412 SQ.FT.
TOTAL BUILDING AREA (FOOTPRINT)	9,727 SQ.FT.
OUTDOOR COVERED PATIO	976 SQ.FT.
TOTAL BUILDING AREA (INCLUDES MEZZANINE AND PATIO)	11,205 SQ.FT.

- FLOOR PLAN SHEET INDEX**
- 1 MAIN AND U.G. PULL SECTION, SW. SRD. METERS IN WEATHER TIGHT ENCLOSURE. REFER TO ELECTRICAL PLANS FOR FURTHER INFO.
  - 2 PROPOSED EMERGENCY GENERATOR. REFER TO SITE PLAN FOR PROPOSED LOCATION, FINAL LOCATION SHALL BE COORDINATED IN THE FIELD.
  - 3 PROPOSED EMERGENCY GENERATOR SWITCH LOCATION, SEE ELECTRICAL PLANS FOR FURTHER INFO.
  - 4 PROPOSED TELEPHONE EQUIPMENT LOCATION, SEE ELECTRICAL PLANS FOR FURTHER INFO.
  - 5 STRUCTURAL COLUMNS, SIZE, TYPE & LOCATION PER STRUCTURAL PLANS
  - 6 PROPOSED FIRE RISER LOCATION
  - 7 STOREFRONT SYSTEM. REFER TO SHEET A7.0
  - 8 NOT USED
  - 9 NOT USED
  - 10 NOT USED
  - 11 NOT USED
  - 12 NOT USED
  - 13 NOT USED
  - 14 NOT USED
  - 15 NOT USED
  - 16 PROVIDE UL752-SPSA LEVEL III PROTECTION ON WALLS FROM FLOOR TO UNDERSIDE OF CEILING ALONG WALL SURFACES (ONE SIDE ONLY). USE SINGLE LAYER FIBERGLASS WOVEN PANELS INSTALLED PER UL 752 LEVEL III BALLISTIC WALL ASSEMBLY DETAILS. (DASHED LINE ALONG WALLS)
  - 17 PROVIDE RECEPTIONIST GLAZING ASSEMBLY AND TRANSACTION COUNTER SHALL MEET THE MINIMUM REQUIREMENTS OF UL 752-SPSA LEVEL III PROTECTION
  - 18 INSTALL BATT INSULATION ON THIS WALL (DASHED LINE). PROVIDE R-13 ON 3 5/8" STUD WALLS, OR R-19 ON 6" STUD WALLS.

**FLOOR PLAN WALL LEGEND**

TYPE	SYMBOL	DESCRIPTION	DETAILS	FIRE RATING
1	[Symbol]	6" METAL STUDS INFILLED BETWEEN STEEL BUILDING MANUFACTURER'S STRUCTURE w/ METAL EXTERIOR PANELS AND 5/8" GYPSUM BOARD ON INTERIOR SIDE	(I) A5.2	N/A
2	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL w/ METAL FRAMING ABOVE	(A) A5.1 (K) S01.0	N/A
2A	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL	(A) A5.1 (K) A5.1	N/A
3	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 1 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD OVER SECURITY MESH (ON ONE SIDE) AND 5/8" TYPE 'X' GYPSUM BOARD OVER 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS (ON ONE SIDE)	(E) A5.2	1 HR
4	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.	(B) A5.2	N/A
4A	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. (UL DESIGN U419)	(G) A5.1 (A) A5.2 (SIM)	1 HR
5A	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL.	(D) A5.2	N/A
5B	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL. (UL DESIGN U419)	(C) A5.2	1 HR
6	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE. (DESIGN UL419 OR UL465)	(A) A5.2	1 HR
7	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYPSUM BOARD EACH SIDE	(B) A5.2	N/A

NOTE: PROVIDE MINIMUM R-19 BATT INSULATION FOR THE WALL SEPARATING THE SHERIFFS OFFICE AND THE FIRE STATION. GRID LINE 'D'.

**OVERALL FLOOR PLAN**

REFER TO A A1.2 & A A1.3 FOR ENLARGED FLOOR PLANS

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PROJECT  
**A PROPOSED PUBLIC SAFETY FACILITY FOR:  
WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	PLAN CHECK CHANGES	03-01-17
3	PLAN CHECK CHANGES	03-16-17
4	PWB-BD REVISIONS	04-11-17
5	BD REVISIONS	05-18-17
6	BD REVISIONS	06-01-17
7	BD REVISIONS	06-01-17

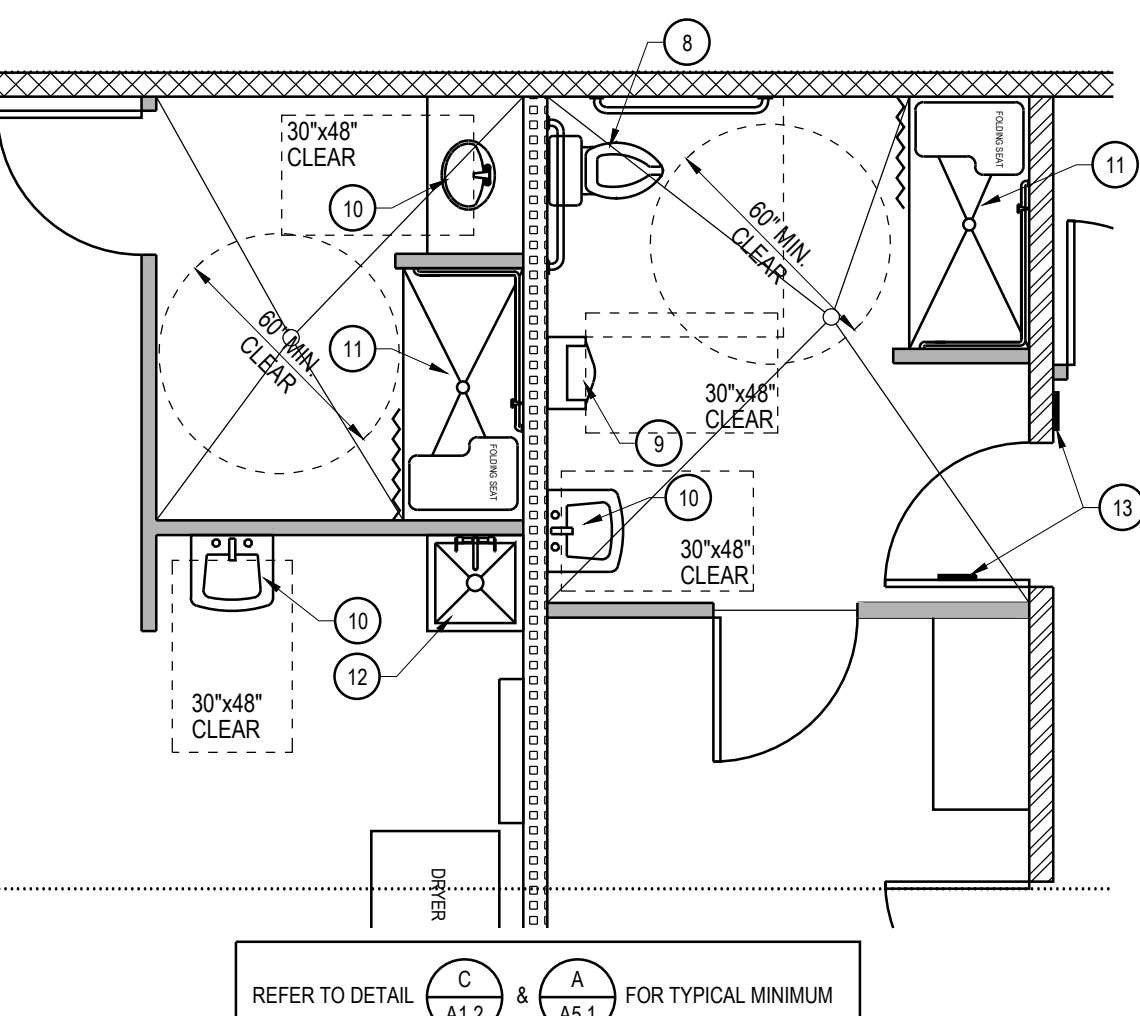
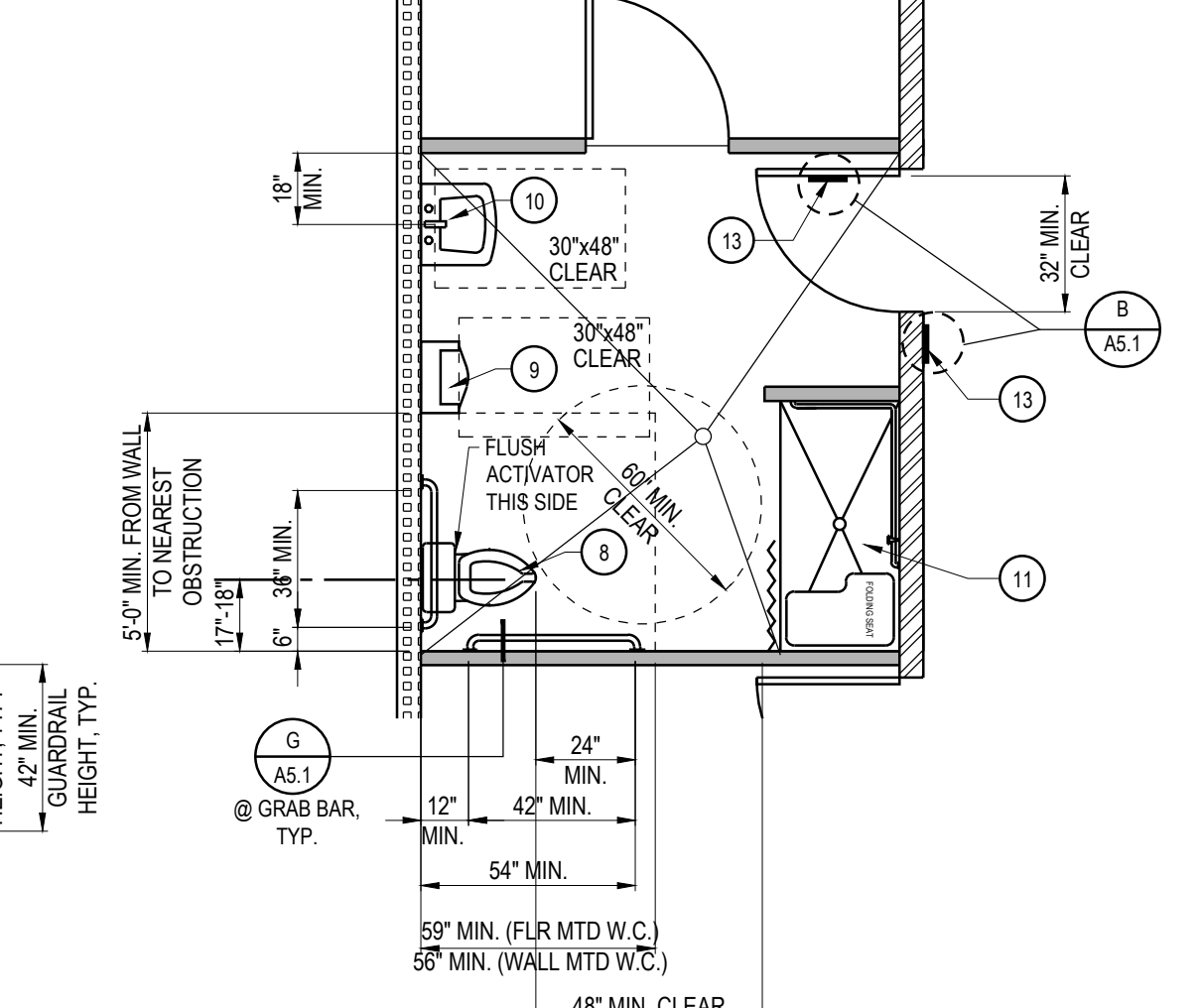
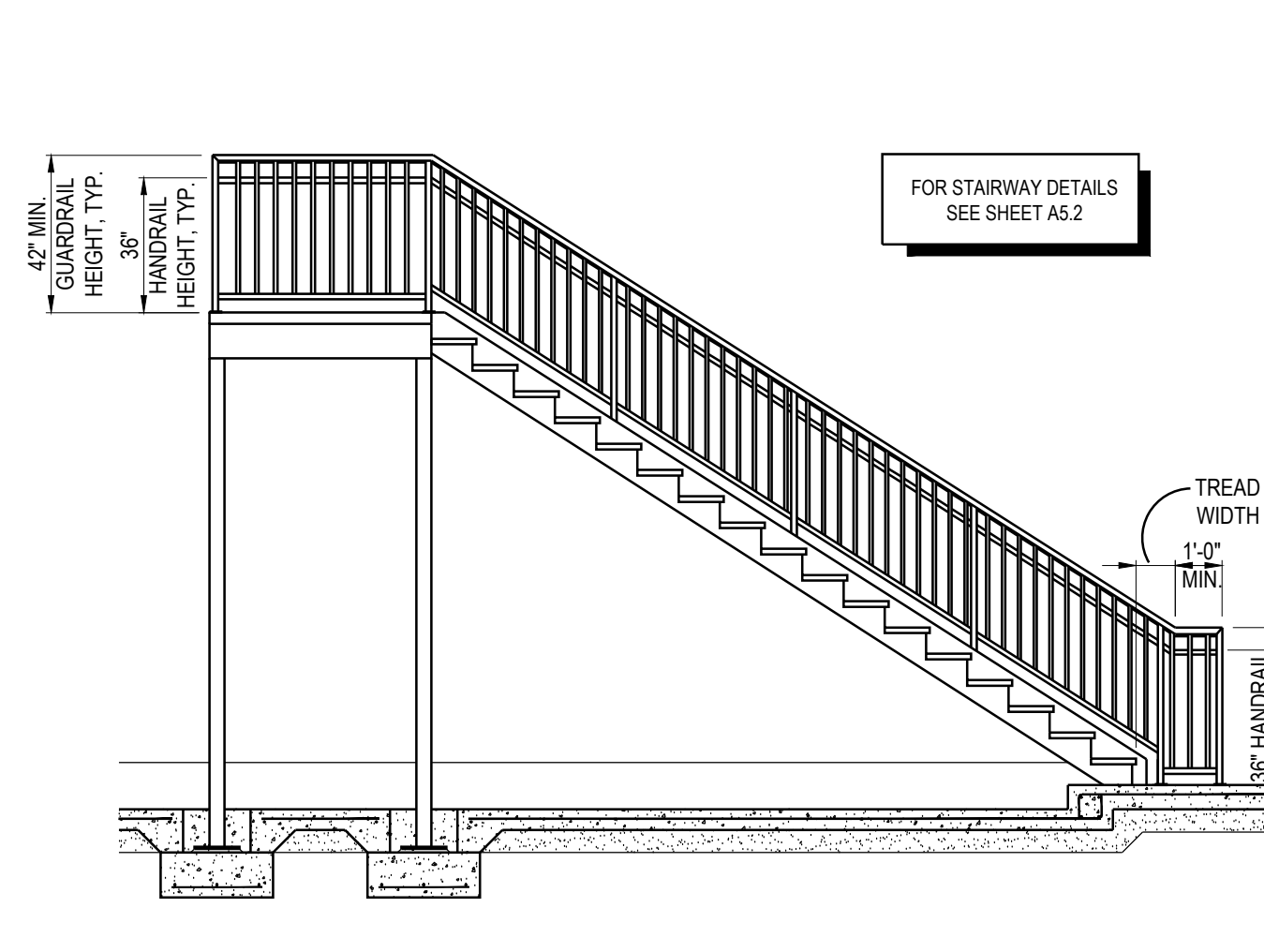
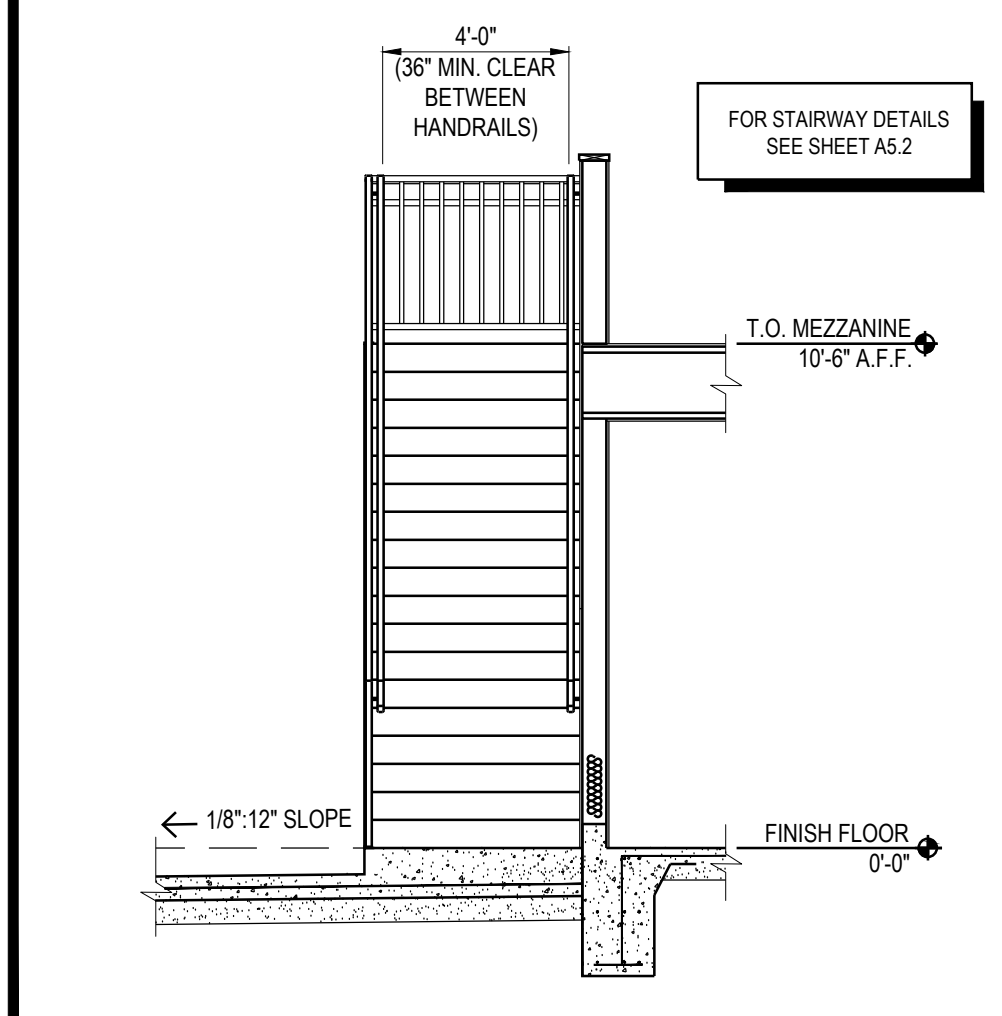
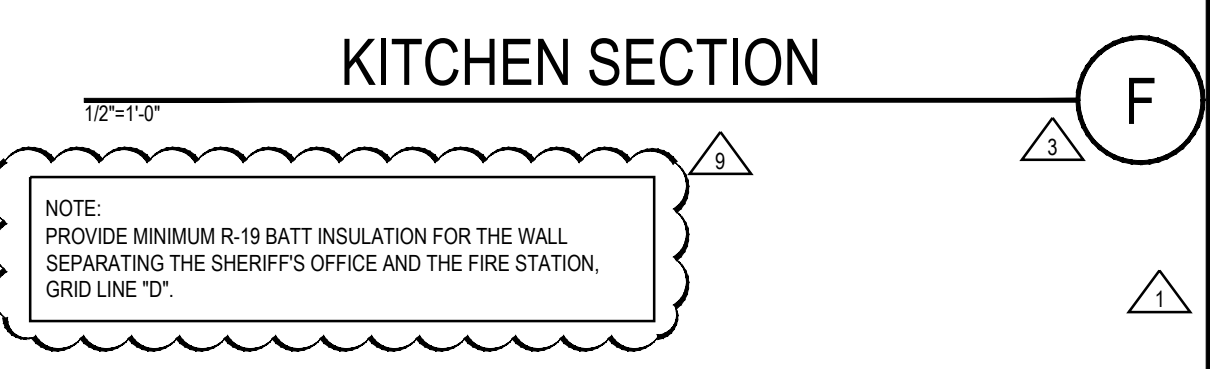
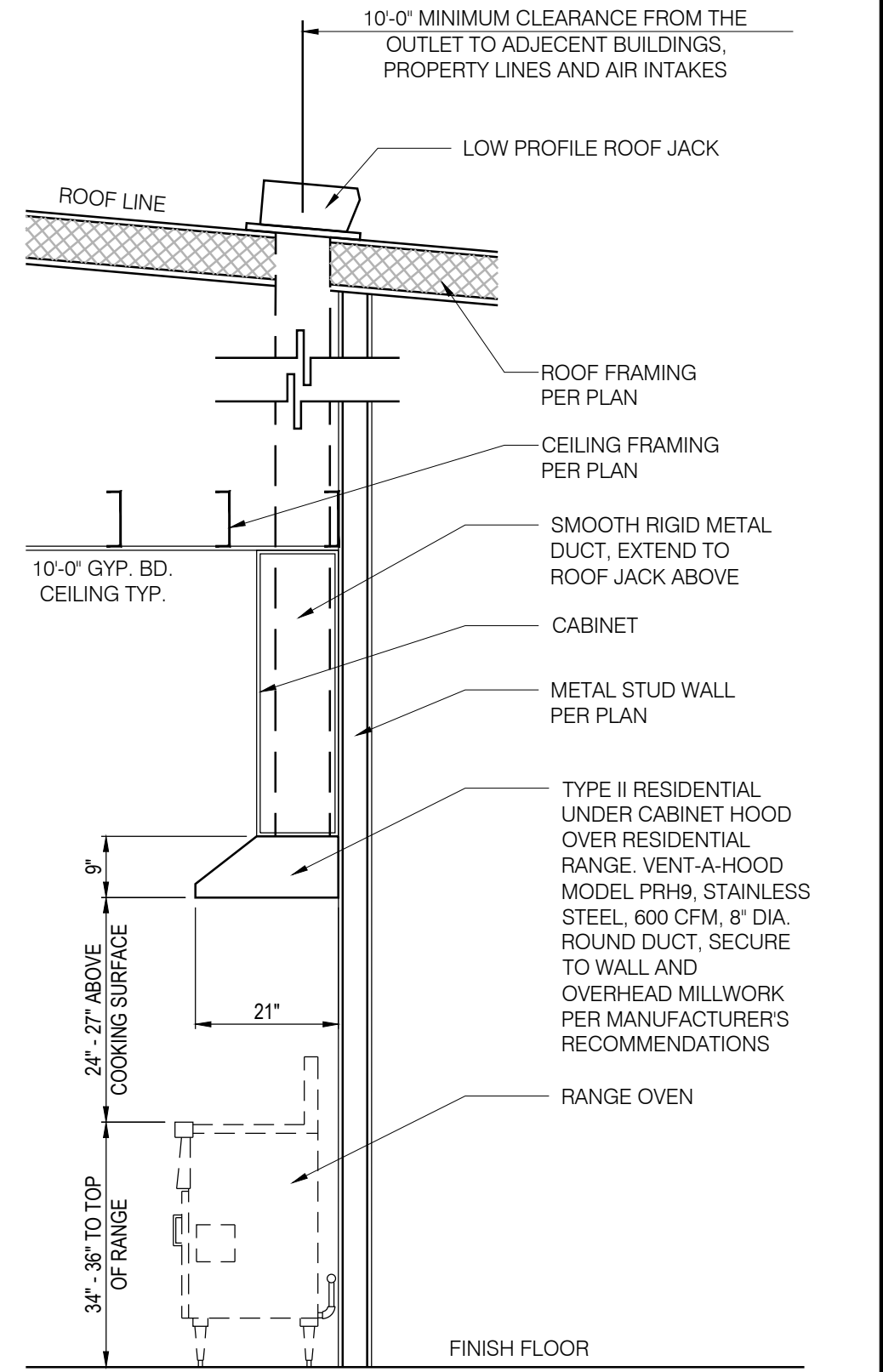
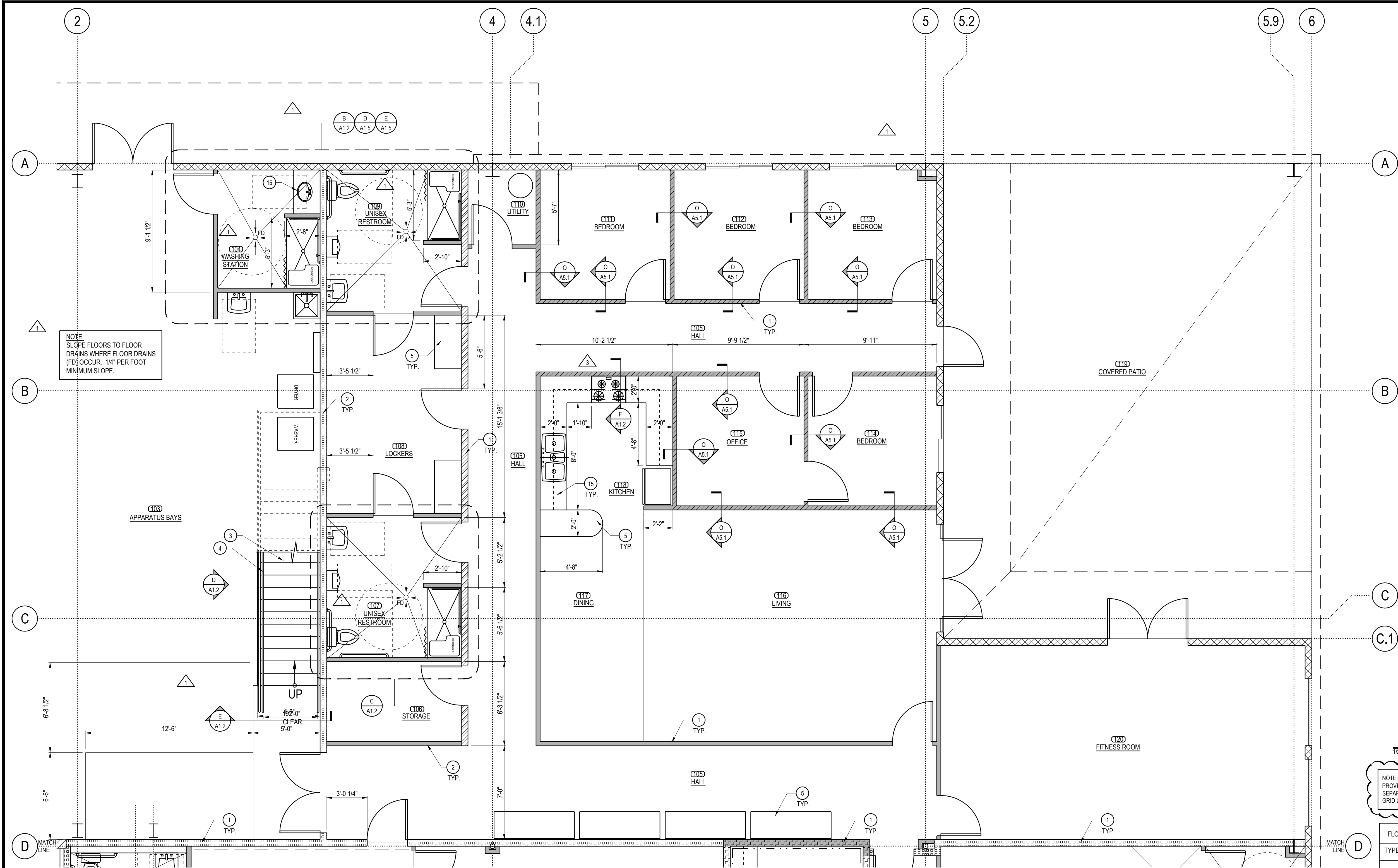
**REGISTERED ARCHITECT**  
**WILSON RUMSEY**  
No. 26819  
Exp. 3-31-2019  
STATE OF CALIFORNIA

SHEET TITLE  
**OVERALL FLOOR PLAN**

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_ SCALE: \_\_\_\_\_ TITLE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_ DRAWN BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
PROJECT NO: \_\_\_\_\_ SHEET NO: \_\_\_\_\_

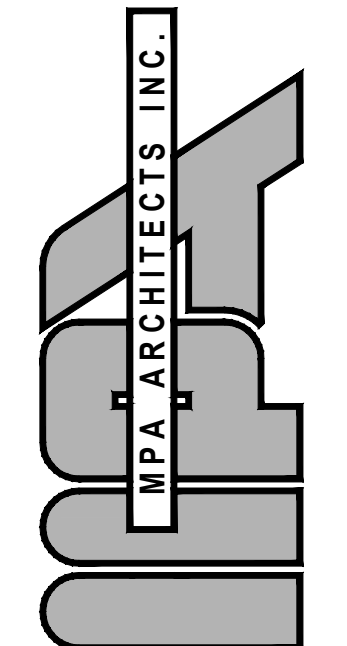
**A 1.1**

- KEY NOTES**
- INTERIOR PARTITION FULL HEIGHT TO UNDERSIDE OF ROOF STRUCTURE
  - INTERIOR PARTITION FULL HEIGHT TO UNDERSIDE OF MEZZANINE FRAMING
  - PRE-FABRICATED STAIRS, SEE DETAILS ON SHEET A5.3
  - STAIR GUARDRAIL AND HANDRAIL, SEE DETAILS ON SHEET A5.3
  - PROPOSED CABINETS / FURNITURE, TO BE DETERMINED BY OWNER
  - PROPOSED LOCKER ROOM CABINETS, TO BE DETERMINED BY OWNER
  - PROPOSED LOCKER ROOM BENCH, TO BE DETERMINED BY OWNER
  - TOILET, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - URINAL, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - LAVATORY SINK, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - SHOWER STALL WITH SHOWER SEAT, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - MOP SINK, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - PROVIDE ACCESSIBLE RESTROOM SIGNS PER DETAIL
  - PROPOSED LOCATION OF ELECTRICAL EQUIPMENT, SEE ELECTRICAL PLANS
  - BUILT IN COUNTER TOP, TOP @ 34" A.F.F.



**FLOOR PLAN WALL LEGEND**

TYPE	SYMBOL	DESCRIPTION	DETAILS	FIRE RATING
1	[Symbol]	6" METAL STUDS INFILLED BETWEEN STEEL BUILDING MANUFACTURER'S STRUCTURE w/ METAL EXTERIOR PANELS AND 5/8" GYPSUM BOARD ON INTERIOR SIDE	(1) AS.2	N/A
2	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL w/ METAL FRAMING ABOVE	(A) AS.1 (K) SD1.0	N/A
2A	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL	(A) AS.1 (K) AS.1	N/A
3	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 1 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD OVER SECURITY MESH (ON ONE SIDE) AND 5/8" TYPE 'X' GYPSUM BOARD OVER 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS (ON ONE SIDE)	(E) AS.2	1 HR
4	[Symbol]	NON-BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.	(B) AS.2	N/A
4A	[Symbol]	NON-BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. (UL DESIGN U419)	(G) (A) AS.1 (A) AS.2 SIM.	1 HR
5A	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL.	(D) AS.2	N/A
5B	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL. (UL DESIGN U419)	(C) AS.2	1 HR
6	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE. (DESIGN U419 OR U465)	(A) AS.2	1 HR
7	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYPSUM BOARD EACH SIDE	(B) AS.2	N/A



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PROJECT

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**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

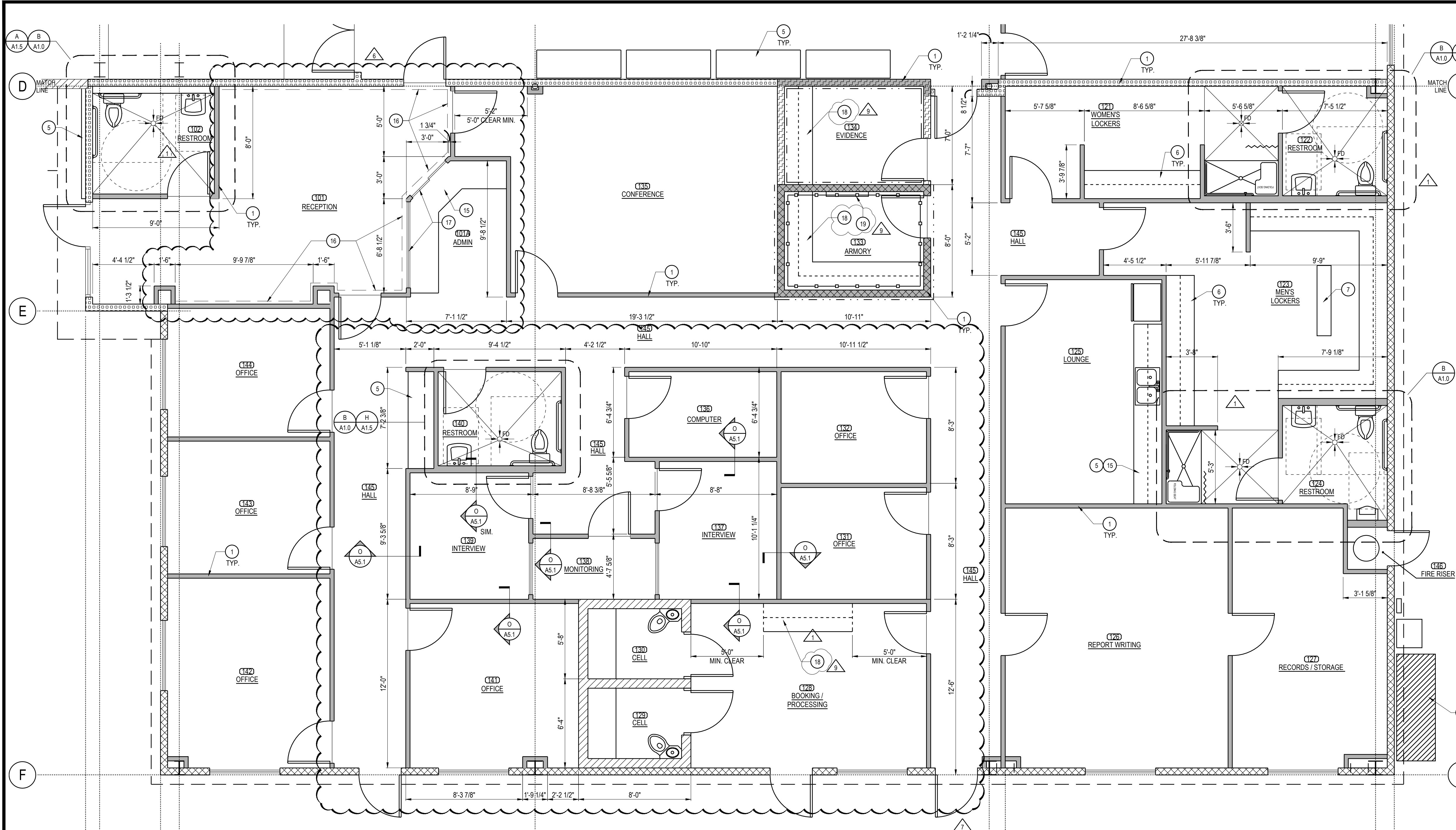
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2	PLAN CHECK CHANGES	03-16-17
3	PRE-BID REVISIONS	04-21-17



SHEET TITLE

**ENLARGED PARTIAL  
FLOOR PLAN**

DATE:	TITLE:	SCALE:	TITLE:
DRAWN BY:	TITLE:	DATABASE:	TITLE:
CHECKED BY:	TITLE:	SHEET NUMBER:	TITLE:
PROJECT NO:	TITLE:	<b>A 1.2</b>	

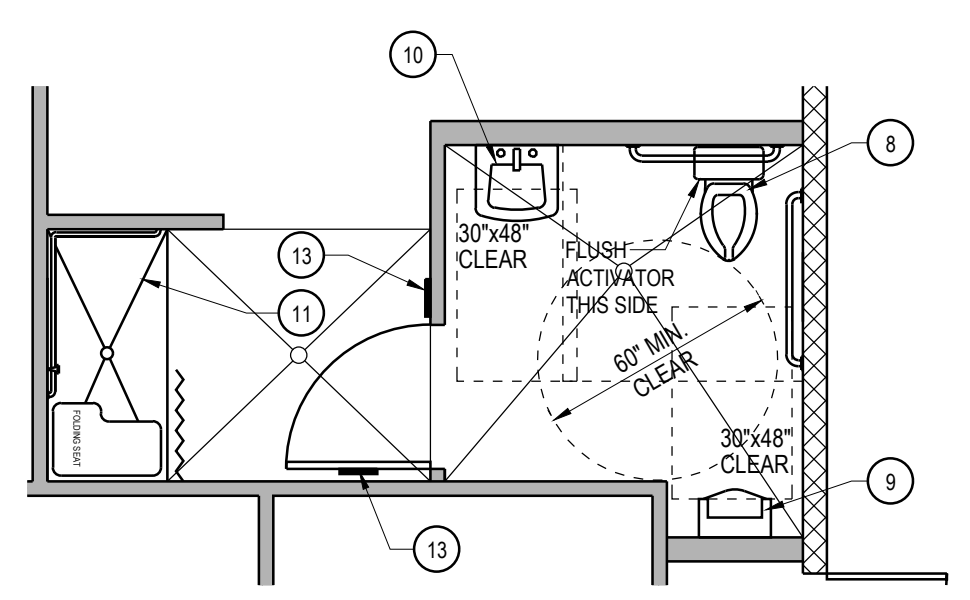


- KEY NOTES**
- INTERIOR PARTITION FULL HEIGHT TO UNDERSIDE OF ROOF STRUCTURE
  - INTERIOR PARTITION FULL HEIGHT TO UNDERSIDE OF MEZZANINE FRAMING
  - PREFABRICATED STAIRS, SEE DETAILS ON SHEET AS.3
  - STAIR GUARDRAIL AND HANDRAIL, SEE DETAILS ON SHEET AS.3
  - PROPOSED CABINETS / FURNITURE, TO BE DETERMINED BY OWNER
  - PROPOSED LOCKER ROOM CABINETS, TO BE DETERMINED BY OWNER
  - PROPOSED LOCKER ROOM BENCH, TO BE DETERMINED BY OWNER
  - TOILET, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - URINAL, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - LAVATORY SINK, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - SHOWER STALL WITH SHOWER SEAT, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - MOP SINK, SEE PLUMBING PLANS FOR FURTHER INFORMATION
  - PROVIDE ACCESSIBLE RESTROOM SIGNS PER DETAIL
  - PROPOSED LOCATION OF ELECTRICAL EQUIPMENT, SEE ELECTRICAL PLANS
  - BUILT IN COUNTER TOP @ 34" A.F.F.
  - PROVIDE UL72 SPKLS LEVEL III PROTECTION ON WALLS FROM FLOOR TO UNDERSIDE OF CEILING ALONG WALL SURFACES (ONE SIDE ONLY), USE SINGLE LAYER FIBERGLASS WOVEN PANELS INSTALLED PER UL 752 LEVEL III BALLISTIC WALL ASSEMBLY DETAILS. (DASHED LINE ALONG WALL)
  - PROVIDE RECEPTIONIST GLAZING ASSEMBLY AND TRANSACTION COUNTER SHALL MEET THE MINIMUM REQUIREMENTS OF UL 752 SPKLS LEVEL III PROTECTION
  - UPPER & LOWER CABINETS: MAPLE WOOD OR COMPARABLE SOLID HARDWOOD; COUNTERTOP: TOP @ 34" A.F.F.; CORIAN SOLID SURFACE, OR APPROVED EQUAL
  - GUN CABINET BY SHERIFF DEPT. G.C. TO COORDINATE FINAL LOCATION AND INSTALL BLKG AS REQUIRED BY SHERIFF DEPT.

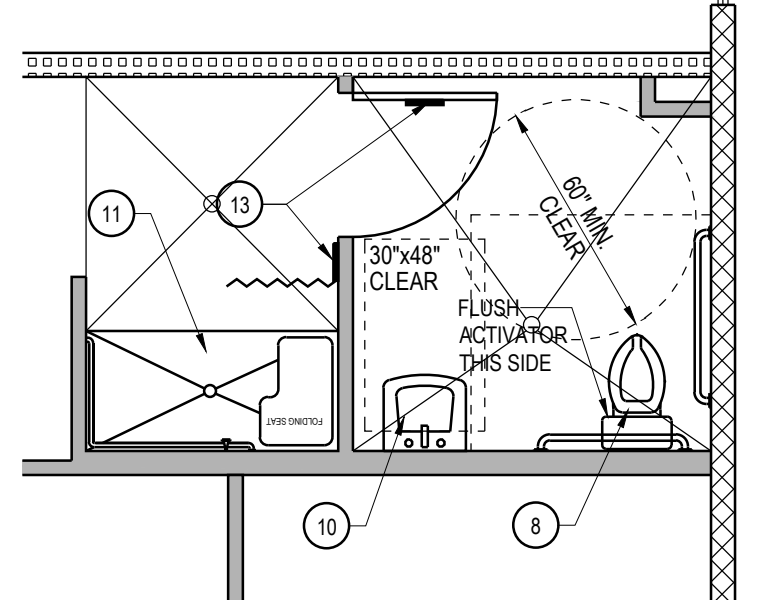
NOTE:  
SLOPE FLOORS TO FLOOR DRAINS WHERE FLOOR DRAINS (FD) OCCUR. 1/4" PER FOOT MINIMUM SLOPE.

NOTE:  
PROVIDE MINIMUM R-19 BATT INSULATION FOR THE WALL SEPARATING THE SHERIFF'S OFFICE AND THE FIRE STATION, GRID LINE "D".

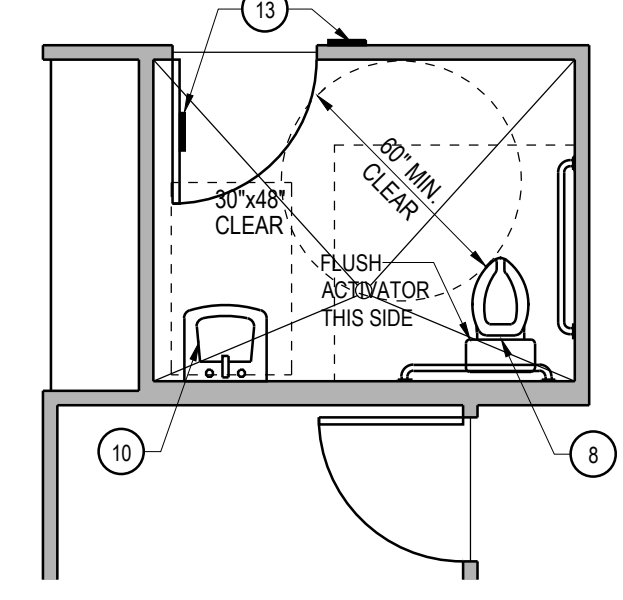
ENLARGED FLOOR PLAN  
1/4"=1'-0"



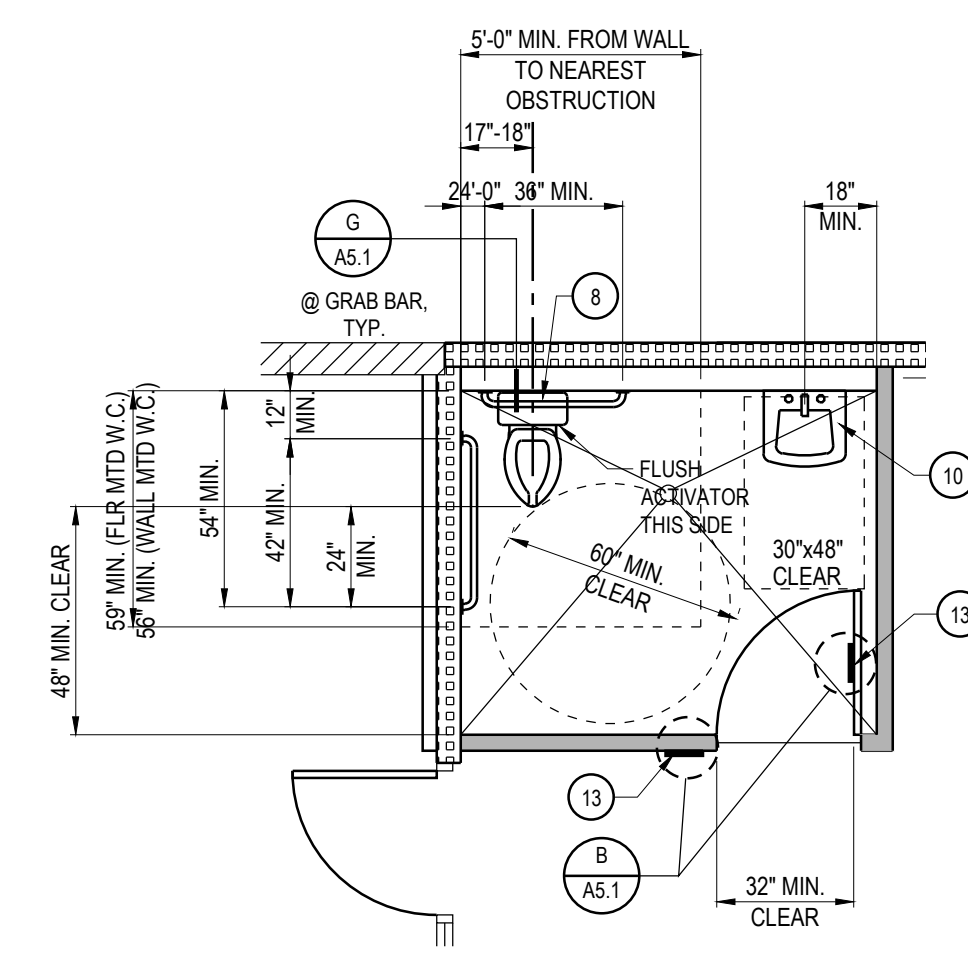
RESTROOM FLOOR PLAN  
1/4"=1'-0"



RESTROOM FLOOR PLAN  
1/4"=1'-0"



RESTROOM FLOOR PLAN  
1/4"=1'-0"



RESTROOM FLOOR PLAN  
1/4"=1'-0"

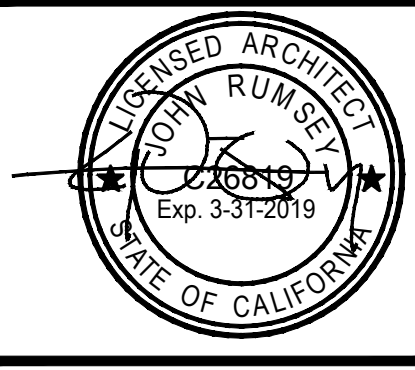
FLOOR PLAN WALL LEGEND			
TYPE	SYMBOL	DESCRIPTION	FIRE RATING
1	[Symbol]	6" METAL STUDS INFILLED BETWEEN STEEL BUILDING MANUFACTURER'S STRUCTURE w/ METAL EXTERIOR PANELS AND 5/8" GYPSUM BOARD ON INTERIOR SIDE	N/A
2	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL w/ METAL FRAMING ABOVE	N/A
2A	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL	N/A
3	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 1 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD OVER SECURITY MESH (ON ONE SIDE) AND 5/8" TYPE 'X' GYPSUM BOARD OVER 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS (ON ONE SIDE)	1 HR
4	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.	N/A
4A	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. (UL DESIGN U419)	1 HR
5A	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL.	N/A
5B	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL. (UL DESIGN U419)	1 HR
6	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE. (DESIGN U419 OR UL465)	1 HR
7	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYPSUM BOARD EACH SIDE	N/A

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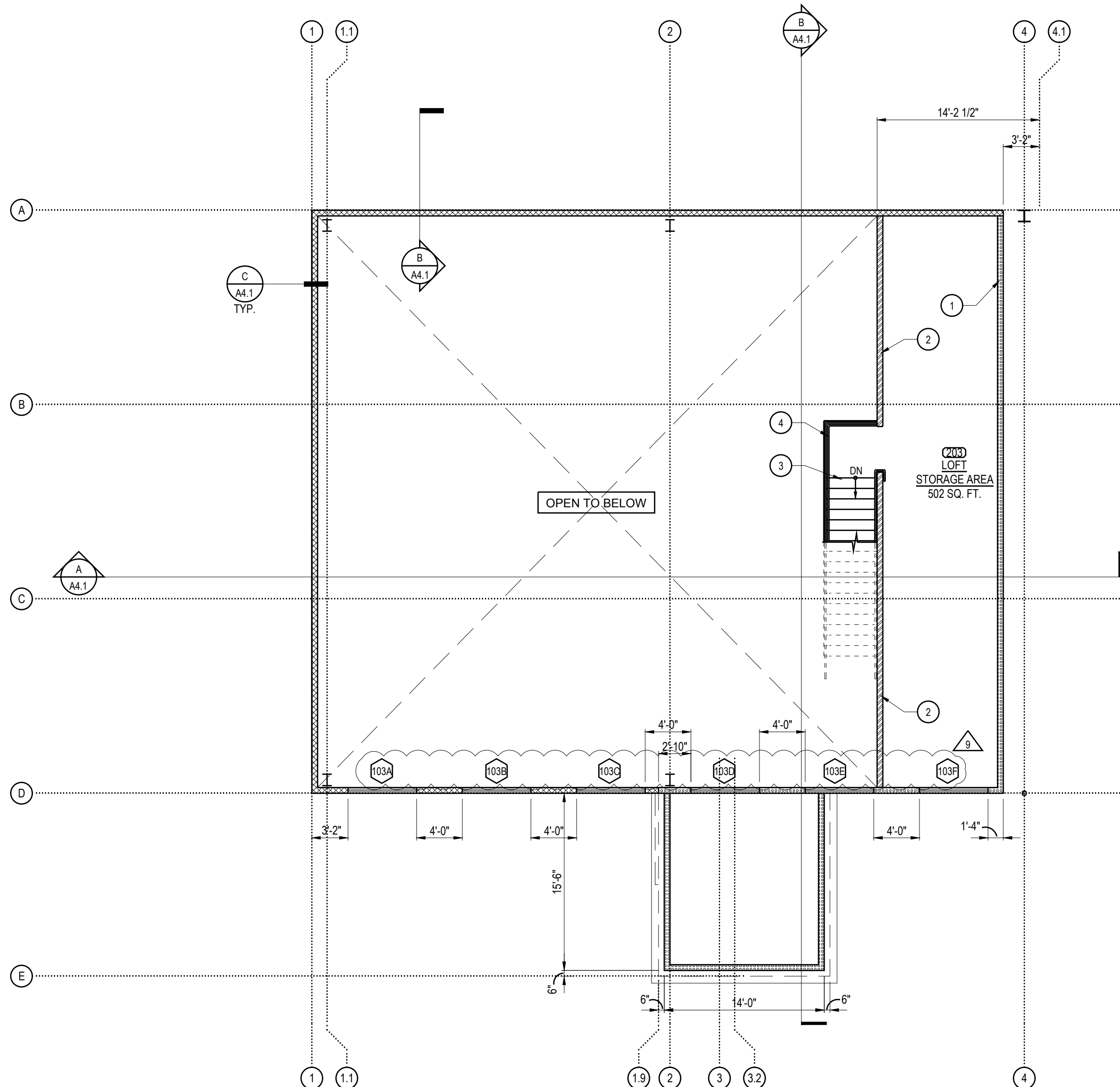
REVISIONS		
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	PLAN CHECK CHANGES	03-16-17
3	PRE-BID REVISIONS	04-21-17
4	BID REVISIONS	05-19-17
5	BID REVISIONS	06-01-17



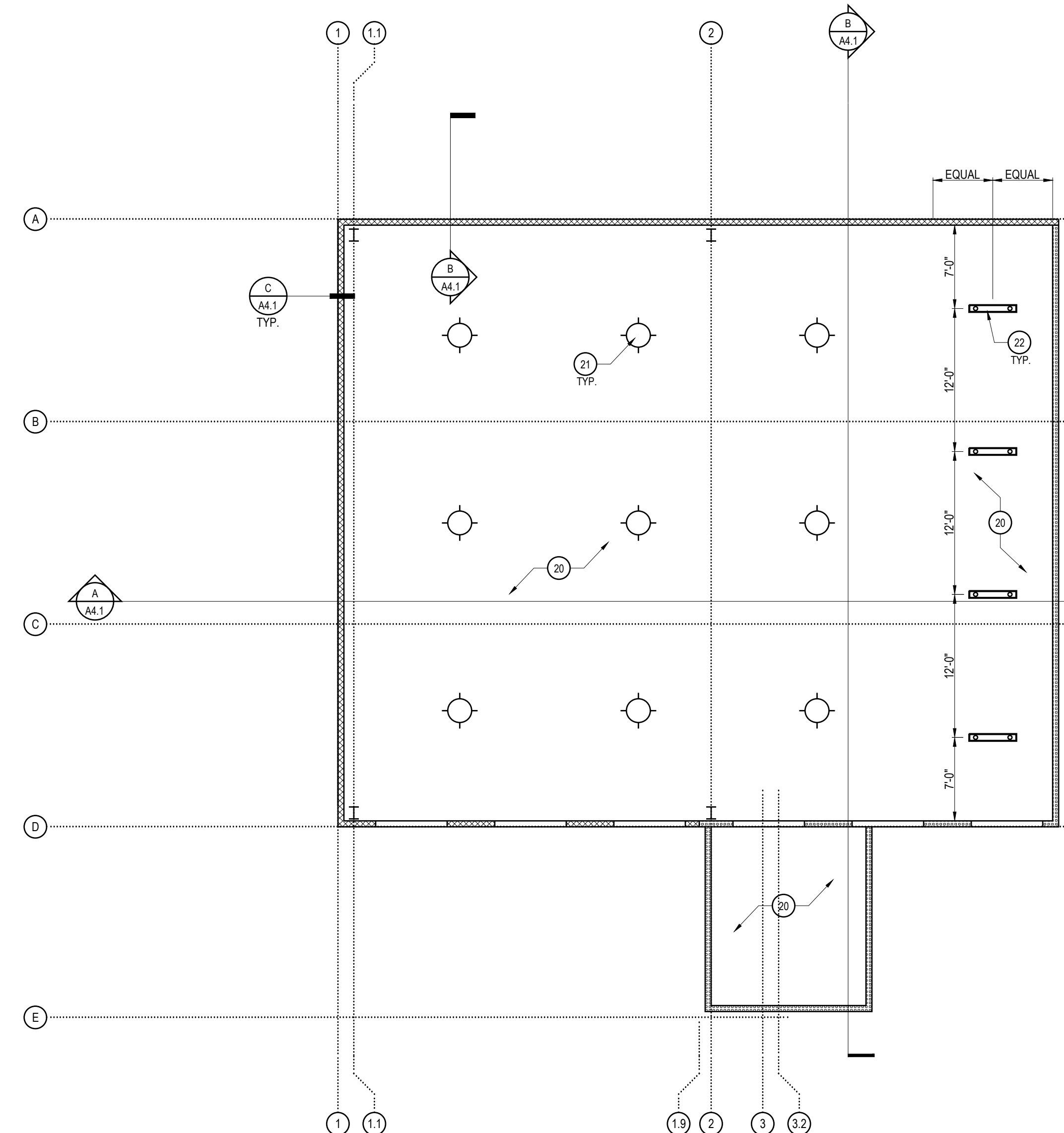
SHEET TITLE  
**ENLARGED PARTIAL  
 FLOOR PLAN**

DATE: \_\_\_\_\_ TITLE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_ SHEET NUMBER: \_\_\_\_\_  
 PROJECT NO: \_\_\_\_\_ TITLE: \_\_\_\_\_

**A 1.3**



**GARAGE MEZZANINE FLOOR PLAN** (A)  
1/8"=1'-0"



**GARAGE MEZZANINE REFL. CLG. PLAN** (B)  
1/8"=1'-0"

- FLOOR PLAN KEY NOTES**
- 1 INTERIOR PARTITION FULL HEIGHT TO UNDERSIDE OF ROOF STRUCTURE
  - 2 PARTIAL HEIGHT WALL, TOP OF WALL AT 48" A.F.F.
  - 3 PRE-FABRICATED STAIRS, SEE DETAILS ON SHEET AS.3
  - 4 STAIR GUARDRAIL AND HANDRAIL, SEE DETAILS ON SHEET AS.3
  - 5
  - 6
  - 7
  - 8
  - 9
  - 10

- FLOOR PLAN KEY NOTES**
- 20 CEILING OPEN TO STRUCTURE
  - 21 PENDANT HIGH BAY LIGHT FIXTURES, SEE ELECTRICAL.
  - 22 SUSPENDED STRIP LIGHT FIXTURES, SEE ELECTRICAL
  - 23
  - 24
  - 25
  - 26
  - 27
  - 28
  - 29
  - 30

**FLOOR PLAN WALL LEGEND**

TYPE	SYMBOL	DESCRIPTION	DETAILS	FIRE RATING
1	[Symbol]	6" METAL STUDS INFILLED BETWEEN STEEL BUILDING MANUFACTURER'S STRUCTURE w/ METAL EXTERIOR PANELS AND 5/8" GYPSUM BOARD ON INTERIOR SIDE	(1) AS.2	N/A
2	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL w/ METAL FRAMING ABOVE	(A) (K) AS.1 SD1.0	N/A
2A	[Symbol]	8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL	(A) (K) AS.1	N/A
3	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 1 LAYERS OF 5/8" TYPE 'X' GYPSUM BOARD OVER SECURITY MESH (ON ONE SIDE) AND 5/8" TYPE 'X' GYPSUM BOARD OVER 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS (ON ONE SIDE)	(E) AS.2	1 HR
4	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.	(B) AS.2	N/A
4A	[Symbol]	NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. (UL DESIGN U419)	(G) (A) AS.1 AS.2 SIM.	1 HR
5A	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL.	(D) AS.2	N/A
5B	[Symbol]	NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE. PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL. (UL DESIGN U419)	(C) AS.2	1 HR
6	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE. (DESIGN U419 OR UL465)	(A) AS.2	1 HR
7	[Symbol]	6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYPSUM BOARD EACH SIDE	(B) AS.2	N/A

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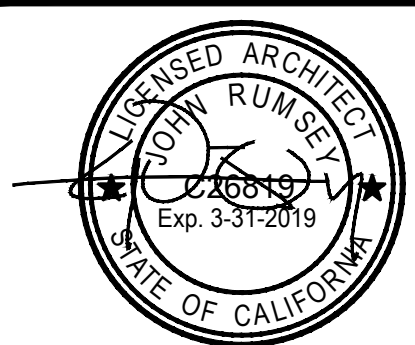
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PROJECT  
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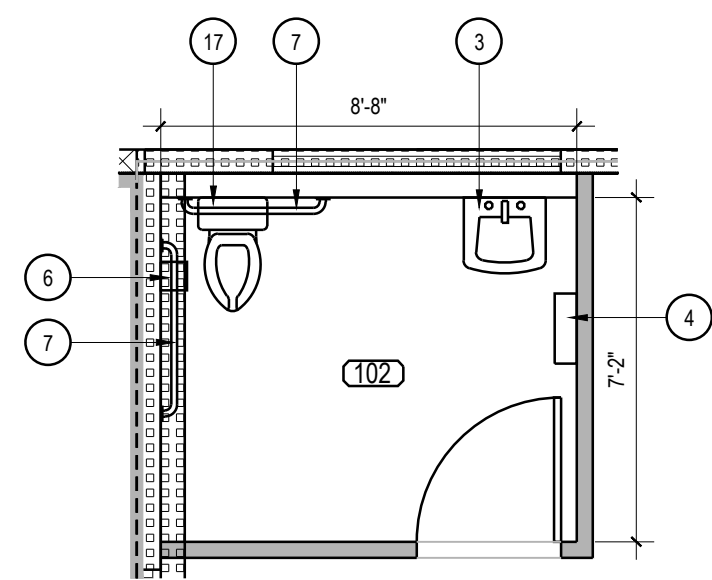
**REVISIONS**

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	PLAN CHECK CHANGES	03-16-17
3	BD REVISIONS	06-07-17

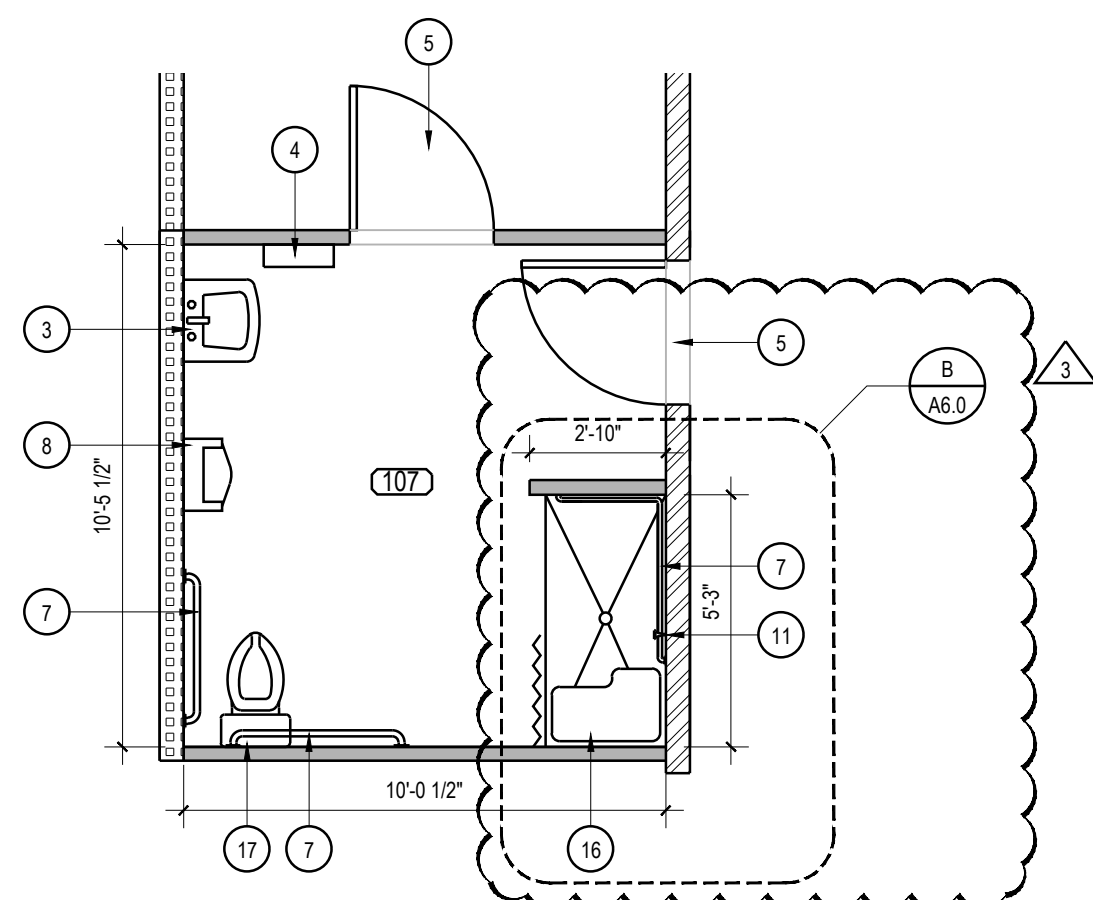


SHEET TITLE  
**MEZZANINE FLOOR  
PLAN & REFLECTED  
CEILING PLAN**

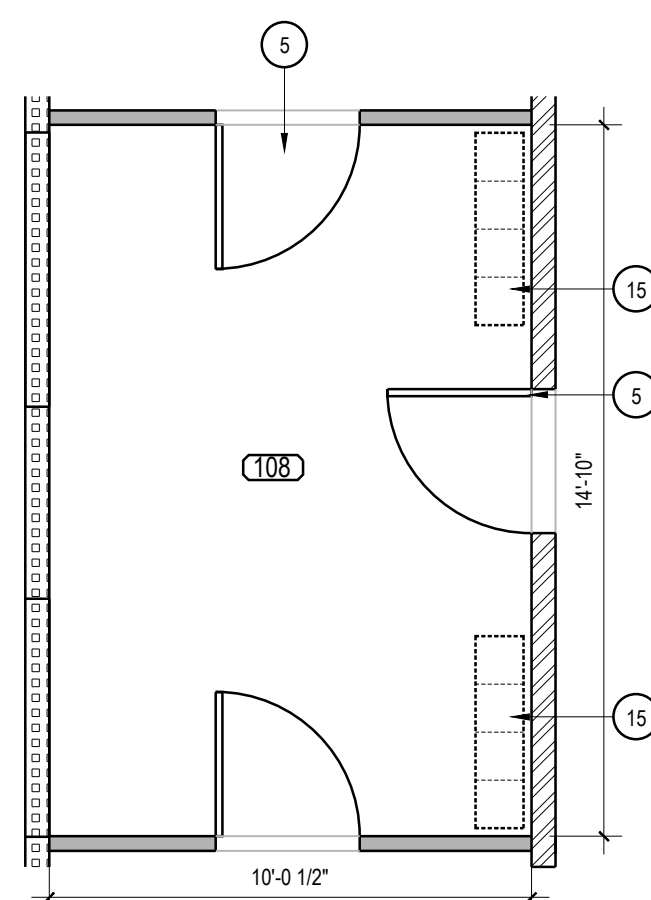
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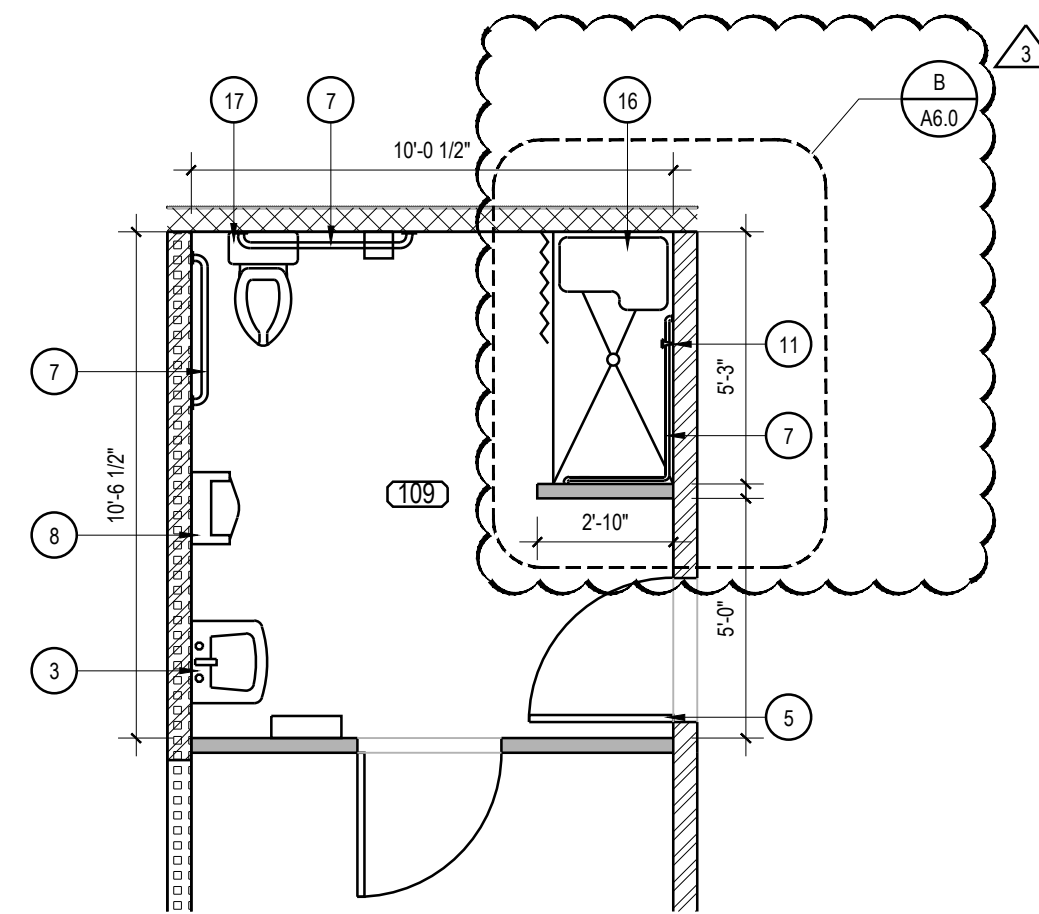
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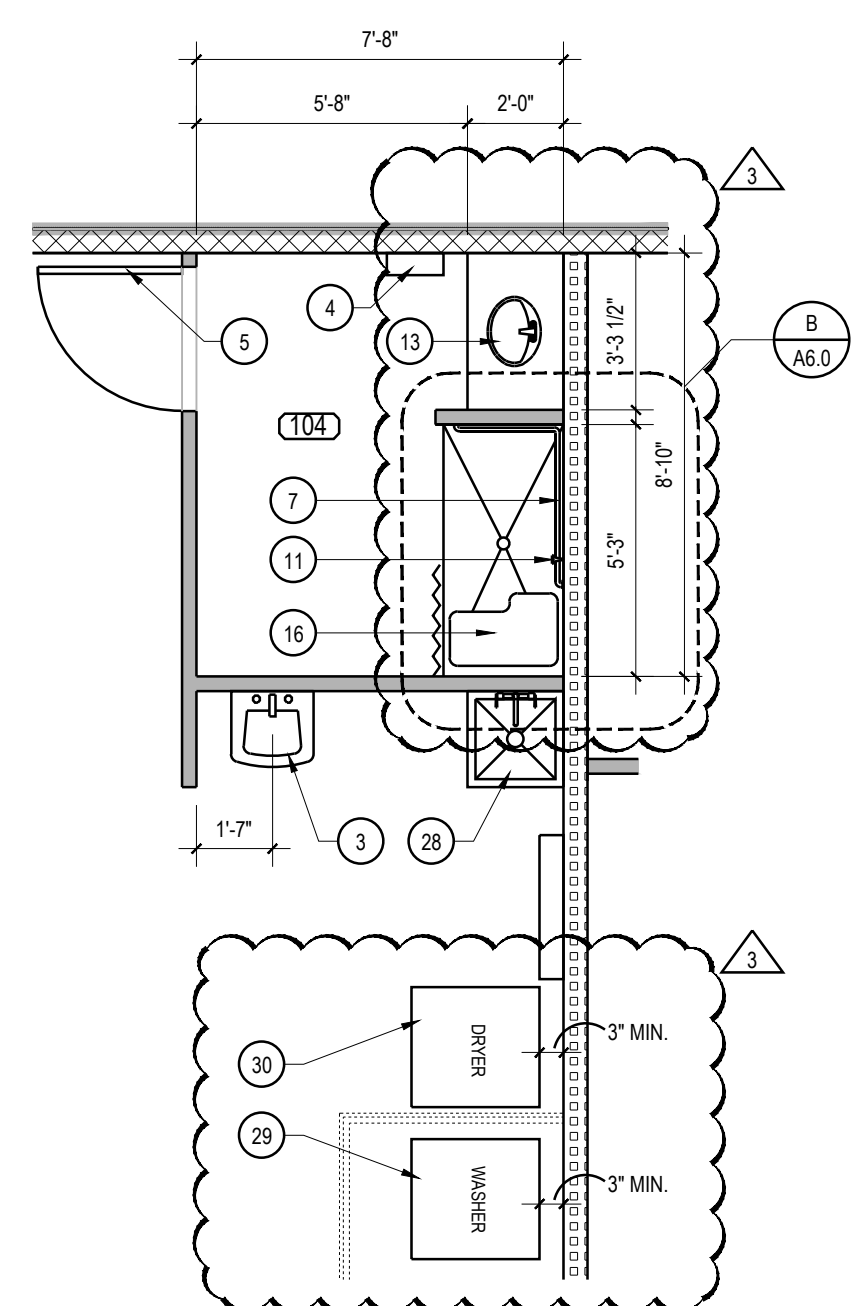
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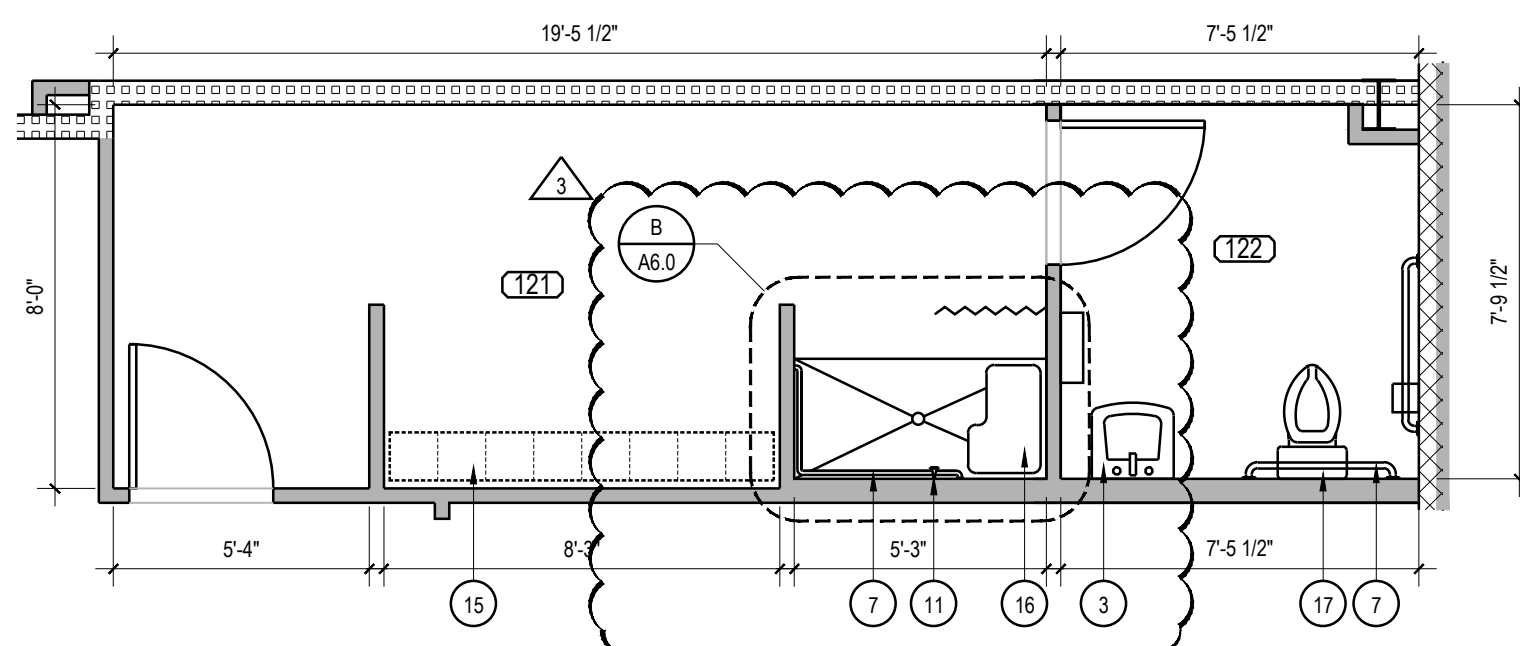
LOCKERS - 108



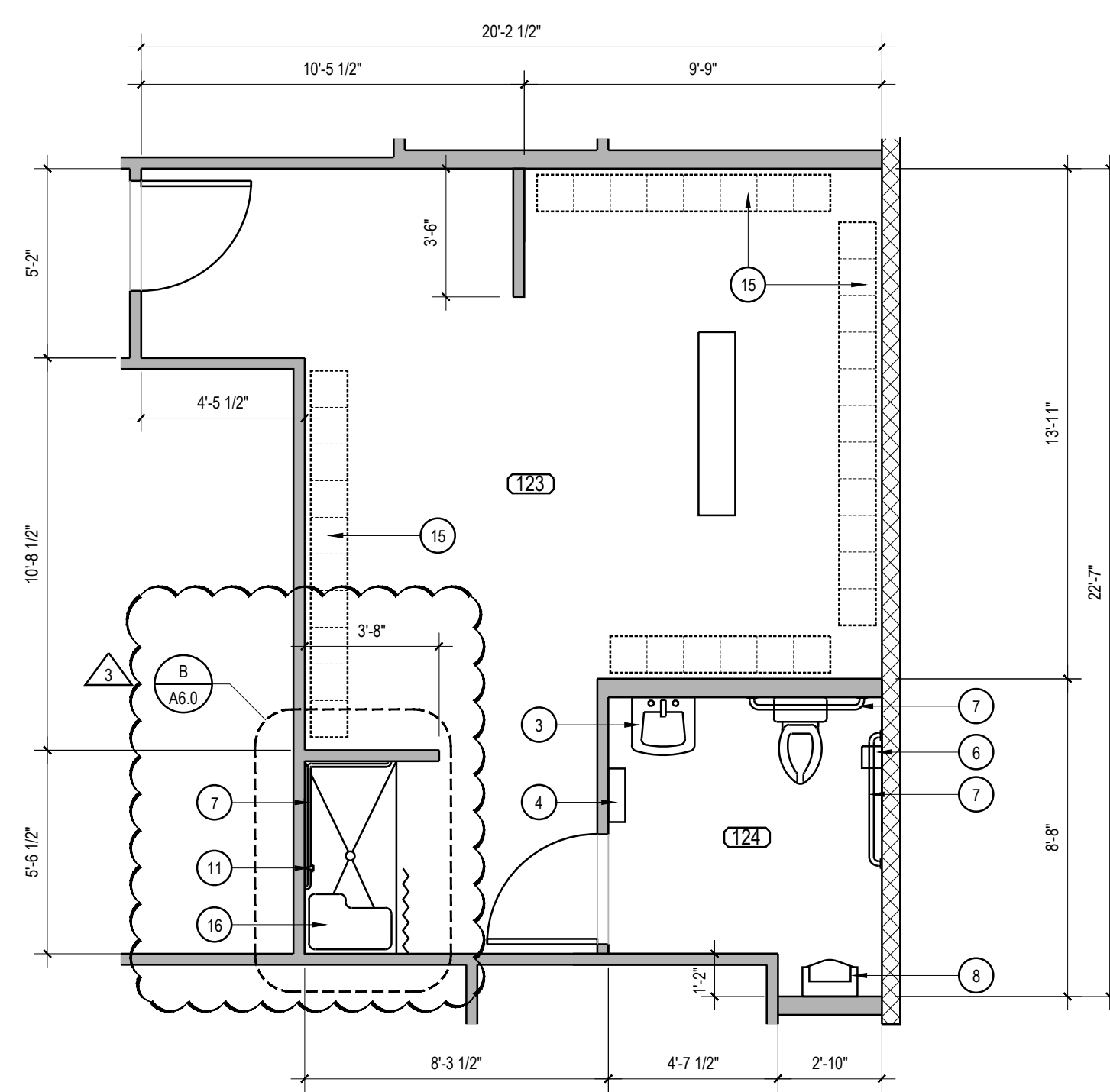
RESTROOM - 109



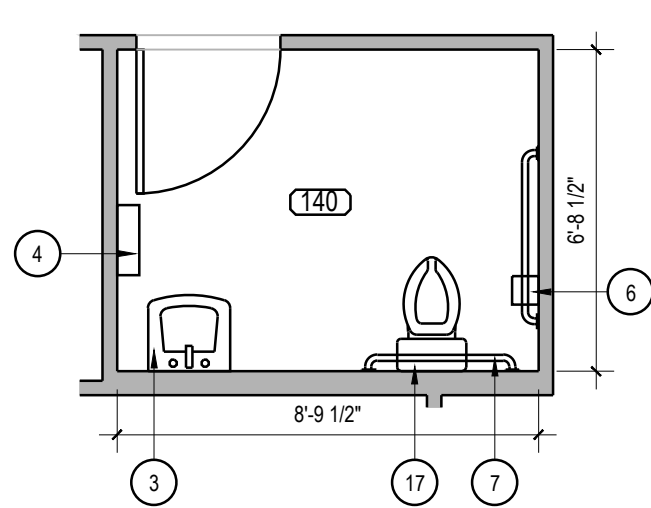
WASHING STATION - 104



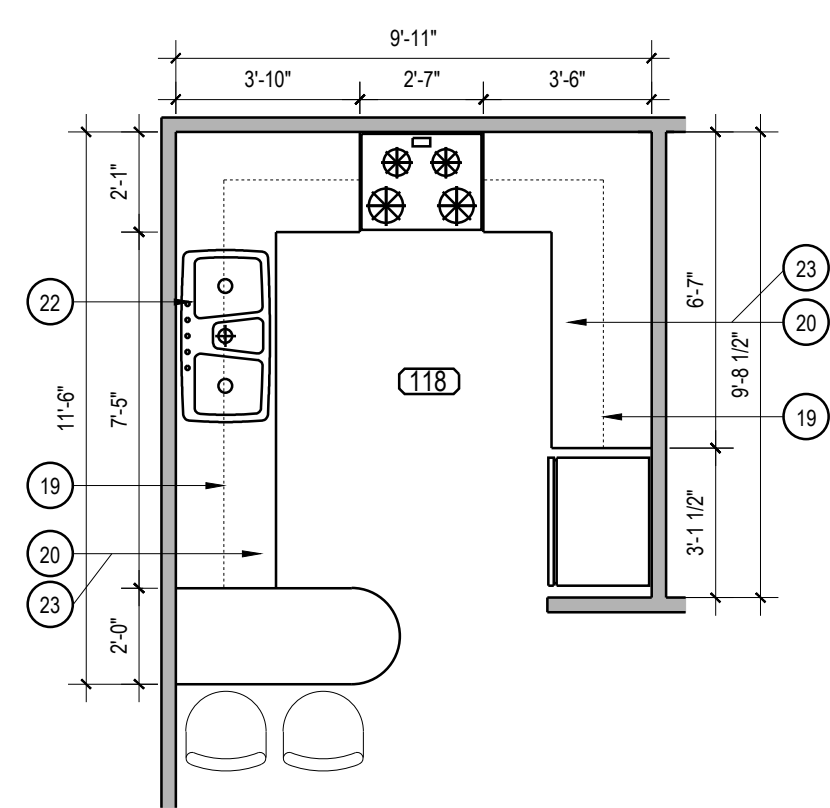
WOMEN'S LOCKERS/REST. - 121/122



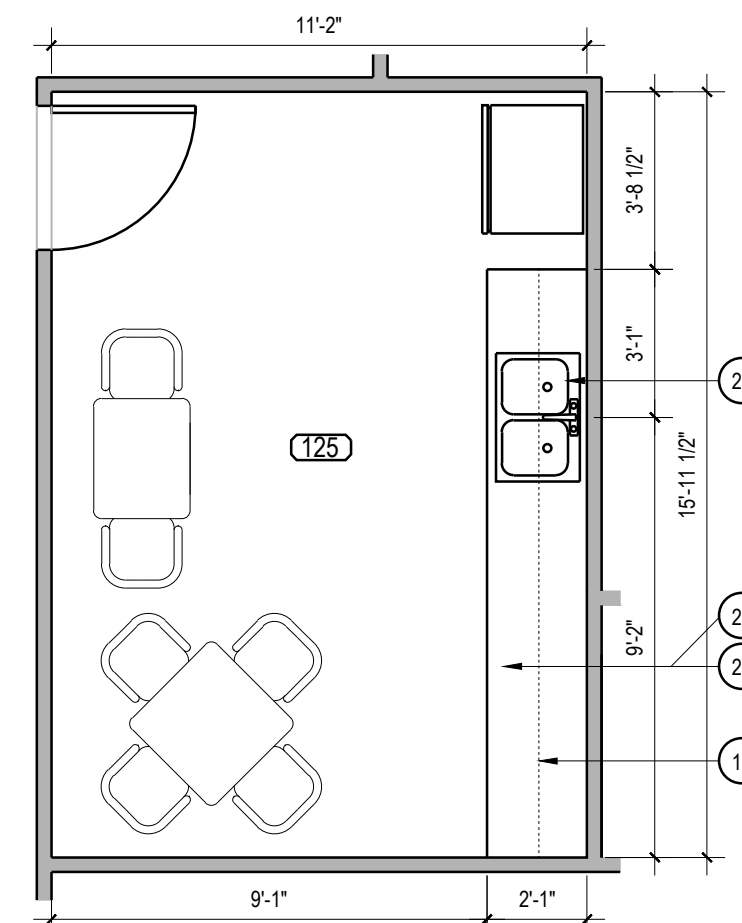
MEN'S LOCKERS/REST. - 123/124



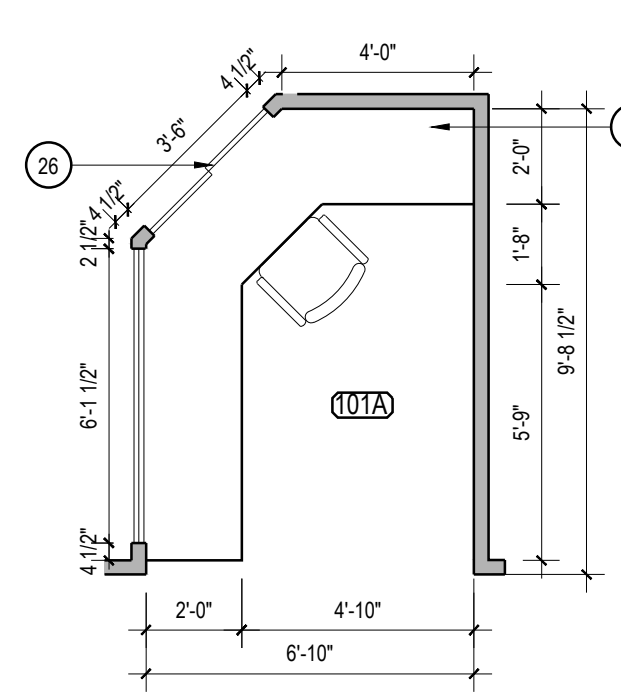
RESTROOM - 140



KITCHEN - 118



LOUNGE - 125



ADMIN. - 101A

- KEY NOTES**
- 1 WALL COVERING - BATHROOMS
  - 2 MOUNTED MIRROR. SEE DETAIL A4.1 FOR LOCATION, ACCESSORY SCHEDULE AND TYPE. SEE SHEET A4.1. CONTRACTOR TO VERIFY OR PROVIDE ANY NECESSARY BACKING IN WALL FOR ACCESSORY SUPPORT.
  - 3 WALL MOUNTED SINK. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 4 PROPOSED LOCATION OF PAPER TOWEL DISPENSER / TRASH RECEPTACLE. SEE DETAIL A4.1 FOR LOCATION AND RESTROOM ACCESSORY SCHEDULE ON SHEET A4.1 FOR TYPE. CONTRACTOR TO PROVIDE ALL NECESSARY BACKING FOR ACCESSORY SUPPORT.
  - 5 INTERIOR WOOD DOOR.
  - 6 TOILET PAPER HOLDER. SEE DETAIL A4.1 FOR LOCATION AND RESTROOM ACCESSORY SCHEDULE ON SHEET A4.1 FOR TYPE. CONTRACTOR TO PROVIDE ALL NECESSARY BACKING FOR ACCESSORY SUPPORT.
  - 7 GRAB BARS IN ACCORDANCE WITH CURRENT ACCESSIBILITY REQUIREMENTS PER DETAILS A4.1.
  - 8 URINAL SCREEN. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 9 LAVATORY COUNTER. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 10 SHOWER ROD AND CURTAIN T.B.D.
  - 11 SHOWER
  - 12 LAUNDRY TUB. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 13 LAVATORY COUNTER. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 14 CERAMIC TILE T.B.D.
  - 15 LOCKERS
  - 16 SHOWER SEAT
  - 17 TOILET
  - 18 CERAMIC TILE T.B.D.
  - 19 WALL CABINET
  - 20 BASE CABINET
  - 21 RANGE HOOD
  - 22 STAINLESS STEEL SINK
  - 23 COUNTERTOP
  - 24 WALL COVERING - ADMIN 101 A
  - 25 SOFFIT- ADMIN 101 A
  - 26 WINDOW - ADMIN 101 A
  - 27 STAND - 101 A
  - 28 MOP SINK
  - 29 LARGE CAPACITY FRONT LOAD WASHER WASHER 4.9 Cu. Ft. G.E. MODEL #GFW490RPK OR EQUAL.
  - 30 LARGE CAPACITY FRONT LOAD ELECTRIC DRYER. G.E. MODEL #GFD49ERPK OR EQUAL.

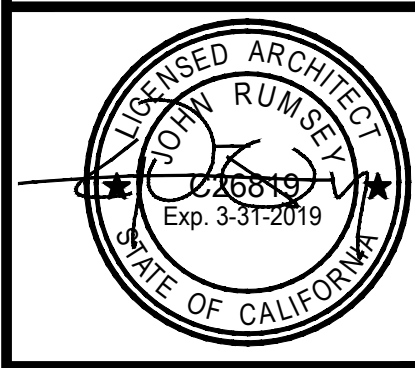
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PROJECT

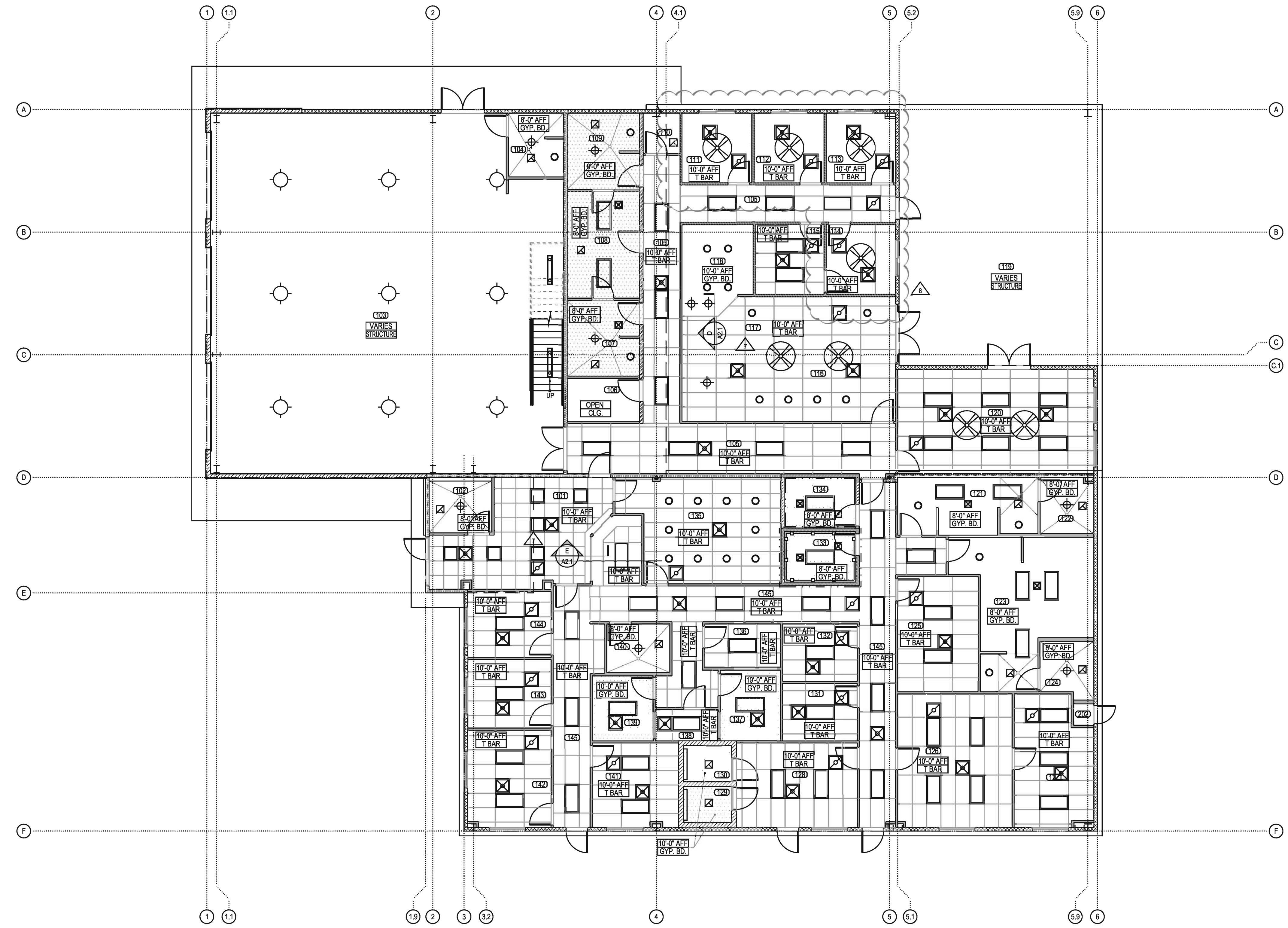
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**PUBLIC SAFETY FACILITY**  
 WINTERHAVEN, CA

REVISIONS		
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17



SHEET TITLE  
**ENLARGED ROOM PLANS**

DATE:	SCALE:
DRAWN BY:	DATE:
CHECKED BY:	SHEET NUMBER:
PROJECT NO:	<b>A 1.5</b>



REFLECTED CEILING PLAN

NOTE:  
REFER TO THE FOLLOWING DETAILS FOR SECURITY BARS ASSOCIATED WITH MECHANICAL DUCT WORK.

L AS.1 M AS.1 N AS.1

**GENERAL CEILING NOTES**

1. PROPOSED SUSPENDED CEILING IS ACCEPTABLE FOR USE IN SEISMIC CATEGORIES D, E & F
2. ALL CEILINGS SHALL USE A HEAVY DUTY T-BAR GRID SYSTEM
3. THE PERIMETER CLOSURE ANGLE SHALL NOT BE LESS THAN 2 INCHES IN WIDTH OR THE TYPE OF SEISMIC CLIP THAT CAN BE USED AS ALTERNATIVE TO THIS 2" ANGLE METAL REQUIREMENTS.
4. ALL ROOMS WITH SUSPENDED CEILING SYSTEM SHALL HAVE SEISMIC BRACING REGARDLESS OF SIZE.

**R.C.P. LEGEND**

SYMBOL	DESCRIPTION	LOCATION	HEIGHT
	ARMSTRONG - DESIGNER SERIES 1833, FINE FISSURED, CLASS 'A' RATING, 24"x24" REGULAR EDGE ARMSTRONG PRELUDE PLUS XL FIRE GUARD, 15/16" TEE GRID	RECEPTION AREA	10'-0" A.F.F.
	ICC ESR-1308 - ARMSTRONG SUSPENDED CEILINGS	BACK OF HOUSE, LIVING AREAS, FITNESS ROOM	10'-0" A.F.F., U.N.O.
	ARMSTRONG - ARMATUFF 860, COURSE TEXTURE, CLASS 'A' RATING, 24"x48" SQUARE LAY-IN ARMSTRONG PRELUDE PLUS XL FIRE GUARD, 15/16" TEE GRID	RESTROOMS, LOCKER ROOMS, BEDROOMS, KITCHEN AREA	8'-0" A.F.F.
	5/8" GYPSUM BOARD OVER 6" METAL FRAMING MEMBERS @ 16" O.C.	EVIDENCE RM., ARMORY RM.	8'-0" A.F.F.
	5/8" GYPSUM BOARD OVER 6" STRUCTURAL METAL STUD FRAMING MEMBERS @ 16" O.C., w/ ASTM 75-9F (9 GAUGE) EXPANDED METAL SECURITY MESH	INTERVIEW ROOMS, HOLDING CELLS	10'-0" A.F.F.

**MECHANICAL FIXTURE LEGEND (REFER TO MECHANICAL PLAN)**

	RETURN AIR REGISTER
	SUPPLY AIR DIFFUSER
	EXHAUST FAN

**REFLECTED CEILING PLAN LEGEND**

SYMBOL	DESCRIPTION
	5' S BLADE CEILING FAN W/ LED LIGHT OPT 1 - ITEM: F1000-BN FINISH: BRUSHED NICKEL BY MINKA AIRE OPT 2 - ITEM: F560L-BN FINISH: BRUSHED NICKEL BY MINKA AIRE
	2X2 RECESSED FIXTURE LIGHT
	4X2 RECESSED FIXTURE LIGHT
	4' SUSPENDED STRIP LIGHT
	WALL MOUNTED LIGHT FIXTURE
	RECESSED CAN LIGHT
	RESTROOM EXHAUST FAN

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**REVISIONS**

NO.	DESCRIPTION	DATE
	PLAN CHECK CHANGES	02-01-17
	BD REVISIONS	05-19-17
	BD REVISIONS	05-26-17

**LICENSURE ARCHITECT**  
JOHN RUMSEY  
C 26819  
Exp. 3-31-2019  
STATE OF CALIFORNIA

SHEET TITLE  
**REFLECTED  
CEILING PLAN**

DATE: TITLE SCALE: TITLE  
DRAWN BY: TITLE DATE: TITLE  
CHECKED BY: TITLE SHEET NUMBER  
PROJECT NO: TITLE

**A.20**



**GENERAL NOTES:**

SUSPENDED ACOUSTICAL CEILING SYSTEM IN SEISMIC DESIGN CATEGORY D, E OR F SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM C 635 AND ASTM C 636. (CBC SEC 1613.1)

- THE SUSPENDED CEILING AND LIGHTING SYSTEMS SHALL BE LIMITED TO 4 FEET BELOW THE STRUCTURAL DECK UNLESS THE LATERAL BRACING IS DESIGNED BY A LICENSED ENGINEER OR ARCHITECT.
- POSITIVE BRACING TO THE STRUCTURE SHALL BE PROVIDED AT CHANGES IN THE CEILING PLANE ELEVATION OR AT DISCONTINUITIES IN THE CEILING GRID SYSTEM.
- CABLE TRAYS, ELECTRICAL CONDUITS AND PIPING SHALL BE INDEPENDENTLY SUPPORTED AND INDEPENDENTLY BRACED FROM THE STRUCTURE.
- SPRINKLER HEADS (DROPS) EXCEPT FIRE-RESISTANCE-RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES, SHALL HAVE A 2 INCH OVERSIZE RING, SLEEVE OR ADAPTOR THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1 INCH IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION, IN ACCORDANCE WITH ASCE 7, SECTION 13.5.6. SPRINKLER HEADS PENETRATING FIRE-RESISTANCE-RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLIES SHALL COMPLY WITH CBC SECTION 714.
- PERIMETER MEMBERS: A MINIMUM WALL ANGLE SIZE OF AT LEAST A TWO INCH HORIZONTAL LEG SHALL BE USED AT PERIMETER WALLS AND INTERIOR FULL HEIGHT PARTITIONS. THE FIRST CEILING TILE SHALL MAINTAIN 3/4" CLEAR FROM THE FINISH WALL SURFACE. AN EQUIVALENT ALTERNATIVE DETAIL THAT WILL PROVIDE SUFFICIENT MOVEMENT DUE TO ANTICIPATED LATERAL BUILDING DISPLACEMENT MAY BE USED IN LIEU OF THE LONG LEG ANGLE SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT OF BUILDING.
- SUSPENDED CEILING ASSEMBLIES LOCATED ALONG MEANS OF EGRESS SERVING AN OCCUPANT LOAD OF 30 OR MORE WHERE THE VERTICAL DISTANCE BETWEEN THE CEILING AND THE STRUCTURAL DECK SHALL COMPLY WITH THE FOLLOWING PROVISIONS:
  - CEILING SUSPENSION SYSTEMS SHALL BE CONNECTED AND BRACED WITH VERTICAL HANGERS ATTACHED DIRECTLY TO THE STRUCTURAL DECK ALONG THE MEANS OF EGRESS SERVING AN OCCUPANT LOAD OF 30 OR MORE AND AT LOBBIES ACCESSORY TO GROUP A OCCUPANCIES. SPACING OF VERTICAL HANGERS SHALL NOT EXCEED 2 FEET ON CENTER ALONG THE ENTIRE LENGTH OF THE SUSPENDED CEILING ASSEMBLY LOCATED ALONG THE MEANS OF EGRESS OR AT THE LOBBY.
  - ALL LAY-IN PANELS SHALL BE SECURED TO THE SUSPENSION CEILING ASSEMBLY WITH TWO SHOLD DOWN CLIPS MINIMUM FOR EACH TILE WITHIN A 4-FOOT RADIUS OF THE EXIT LIGHTS AND EXIT SIGNS.
  - INDEPENDENT SUPPORTS AND BRACES SHALL BE PROVIDED FOR LIGHT FIXTURES REQUIRED FOR EXIT ILLUMINATION. POWER SUPPLY FOR EXIT ILLUMINATION SHALL COMPLY WITH THE REQUIREMENTS OF CBC SECTION 1006.3.
  - SEPARATE SUPPORT FROM THE STRUCTURAL DECK SHALL BE PROVIDED FOR ALL APPENDAGES SUCH AS LIGHT FIXTURES, AIR DIFFUSERS, EXIT SIGNS, AND SIMILAR ELEMENTS.
- SPECIAL INSPECTION IS REQUIRED FOR SUSPENDED CEILING SYSTEM.

**GENERAL STATEMENT:**

1. WHERE THE CEILING LOADS DO NOT EXCEED 4 POUNDS PER SQUARE FOOT AND WHERE PARTITIONS ARE NOT CONNECTED TO THE CEILING SYSTEM, THE FOLLOWING BRACING METHOD SHALL BE USED:

**INSTALLATION OF COMPONENTS:**

- WIRE HANGERS FOR SUSPENDING CARRYING CHANNELS OR MAIN RUNNERS FROM AN EXISTING STRUCTURE SHALL BE A MINIMUM OF NO. 12 GAGE, GALVANIZED, SOFT ANNEALED, MILD STEEL WIRE. EACH ATTACHMENT SHALL BE WITH A MINIMUM OF THREE TURNS.
- INTERSECTING WEBS AND FLANGES OF STRUCTURAL MEMBERS SHALL FORM ANGLES BETWEEN THEM OF 90 DEGREES +/- 2 DEGREES.
- CARRYING CHANNELS AND MAIN RUNNERS SHALL BE INSTALLED SO THAT THEY ARE ALL LEVEL TO WITHIN 1/8 INCH IN 12 FEET. LOCAL KINKS OR BENDS SHALL NOT BE MADE IN HANGER WIRES AS A MEANS OF LEVELING CARRYING CHANNELS.
- CROSS RUNNERS SHALL BE SUPPORTED BY EITHER MAIN RUNNERS OR BY OTHER CROSS RUNNERS NOT WITHIN 132 INCH OF THE REQUIRED CENTER DISTANCES.

**ASCE 7-10 SECTION 13.5.6**

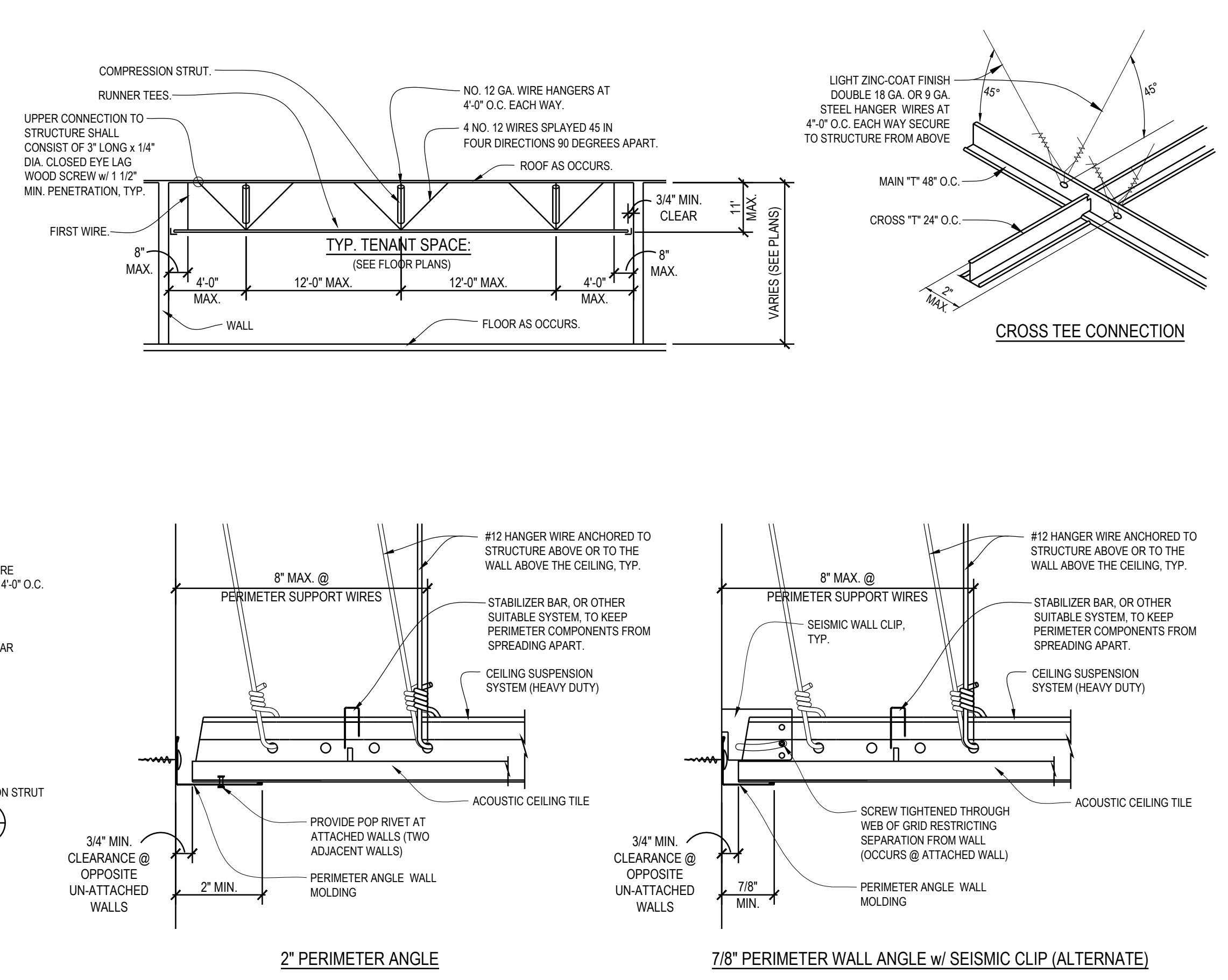
- VERTICAL HANGERS: SUSPENSION WIRES SHALL NOT BE SMALLER THAN NO. 12 GAGE SPACED AT 4'-0" ON CENTER OR NO. 10 GAGE AT 5'-0" ON CENTER ALONG EACH MAIN RUNNER. EACH VERTICAL WIRE SHALL BE ATTACHED TO THE CEILING SUSPENSION MEMBER AND TO THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS. ANY CONNECTION DEVICE AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS. SUSPENSION WIRES SHALL NOT HANG MORE THAN 1 IN 6 OUT OF PLUMB UNLESS COUNTER SLOPING WIRES ARE PROVIDED. WIRES SHALL NOT ATTACH TO OR BEND AROUND INTERFERING MATERIAL OR EQUIPMENT. A TRAPEZOID OR EQUIVALENT DEVICE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION. TRAPEZOID SUSPENSIONS SHALL BE A MINIMUM OF BACK TO BACK 1 1/4" COLD-ROLLED CHANNELS FOR SPANS EXCEEDING 48".
- PERIMETER HANGERS: THE TERMINAL ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE SUPPORTED INDEPENDENTLY A MAXIMUM OF 8" FROM EACH WALL OR CEILING DISCONTINUITY WITH NO. 12 GAGE WIRE OR APPROVED WALL SUPPORT.
- LATERAL FORCE BRACING: HORIZONTAL RESTRAINTS SHALL BE EFFECTED BY FOUR NO. 12 GAGE WIRES SECURED TO THE MAIN RUNNER WITHIN TWO INCHES OF THE CROSS RUNNER INTERSECTION AND SPACED 90 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12 FEET ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 4'-0" FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE SHALL BE ADEQUATE FOR THE LOAD IMPOSED. LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6 INCHES FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCE. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.
- PERIMETER MEMBERS: UNLESS PERIMETER MEMBERS ARE A STRUCTURAL PART OF THE APPROVED SYSTEM, WALL ANGLES OR CHANNELS SHALL BE CONSIDERED AS AESTHETIC CLOSURES AND WITH NO STRUCTURAL VALUE. FOR TILE CEILING, ENDS OF MAIN RUNNERS AND CROSS MEMBERS SHALL BE TIED TOGETHER TO PREVENT THEIR SPREADING.
- MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED TO THE PERIMETER MEMBER AT TWO ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND THE RUNNERS MAINTAINED AT THE TWO OTHER WALLS.

**LIGHTING FIXTURES:**

- ALL LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM. THE ATTACHMENT DEVICE SHALL HAVE A CAPACITY OF 100% OF THE LIGHTING FIXTURE WEIGHT ACTING IN ANY DIRECTION. NO. 12 GAGE HANGERS SHALL BE ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE. TANDEM FIXTURES MAY UTILIZE COMMON WIRES.
- LIGHTING FIXTURE WEIGHING LESS THAN 55 POUNDS SHALL HAVE, IN ADDITION TO THE REQUIREMENTS OUTLINED ABOVE, TWO NO. 12 GAGE HANGERS CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.
- LIGHTING FIXTURES WEIGHING 55 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.
- PENDANT-HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING NO. 9 GAGE WIRE OR APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT.

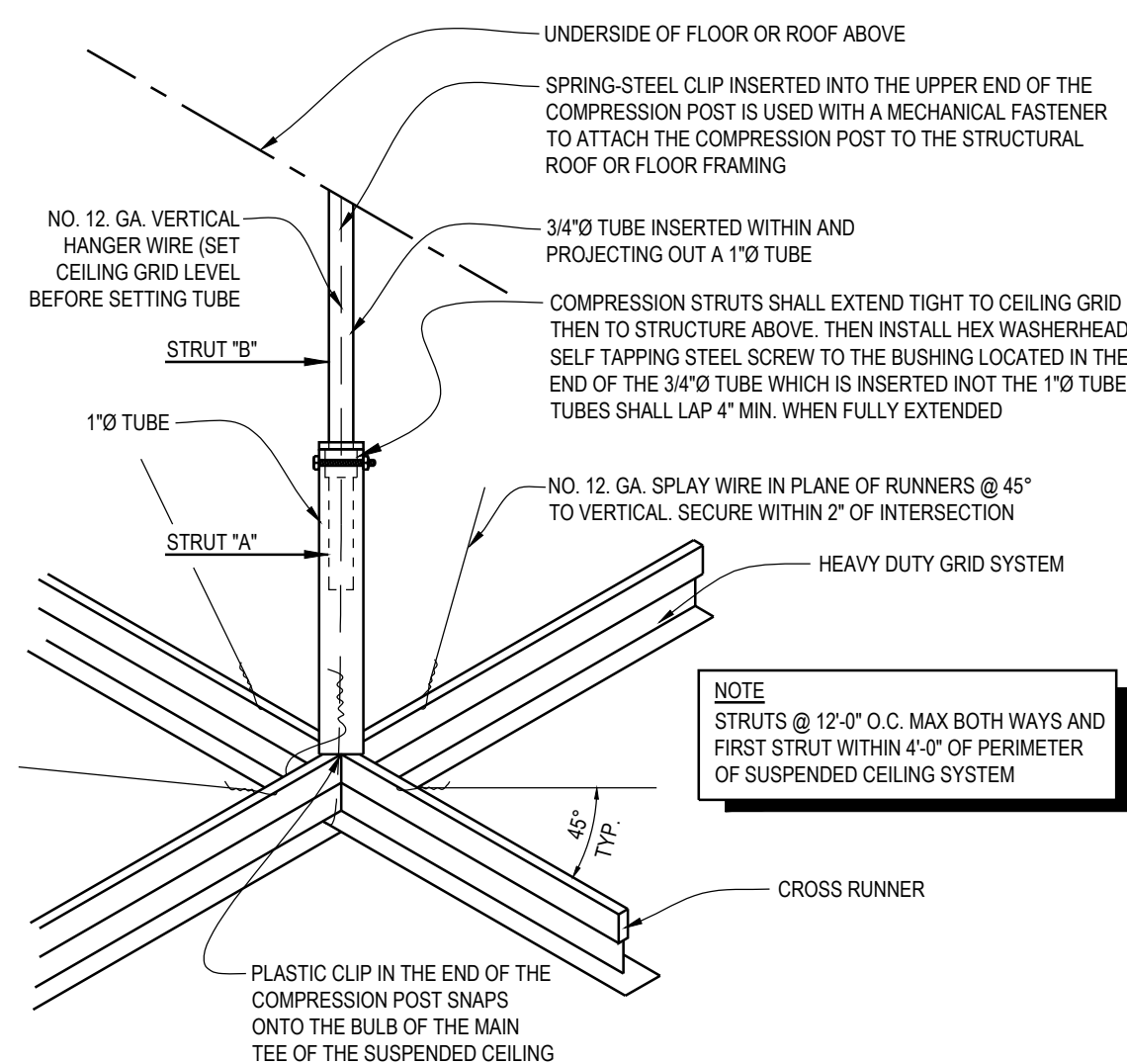
**MECHANICAL:**

- AIR DIFFUSERS WHICH WEIGH NOT MORE THAN 20 LBS., AND WHICH RECEIVE NO TRIBUTARY LOADING FROM DUCT WORK MAY BE POSITIVELY ATTACHED TO AND SUPPORTED BY EHT CEILING RUNNERS.



**SUSPENDED CEILING SYSTEM, DETAILS AND SPECIFICATIONS**

NO SCALE

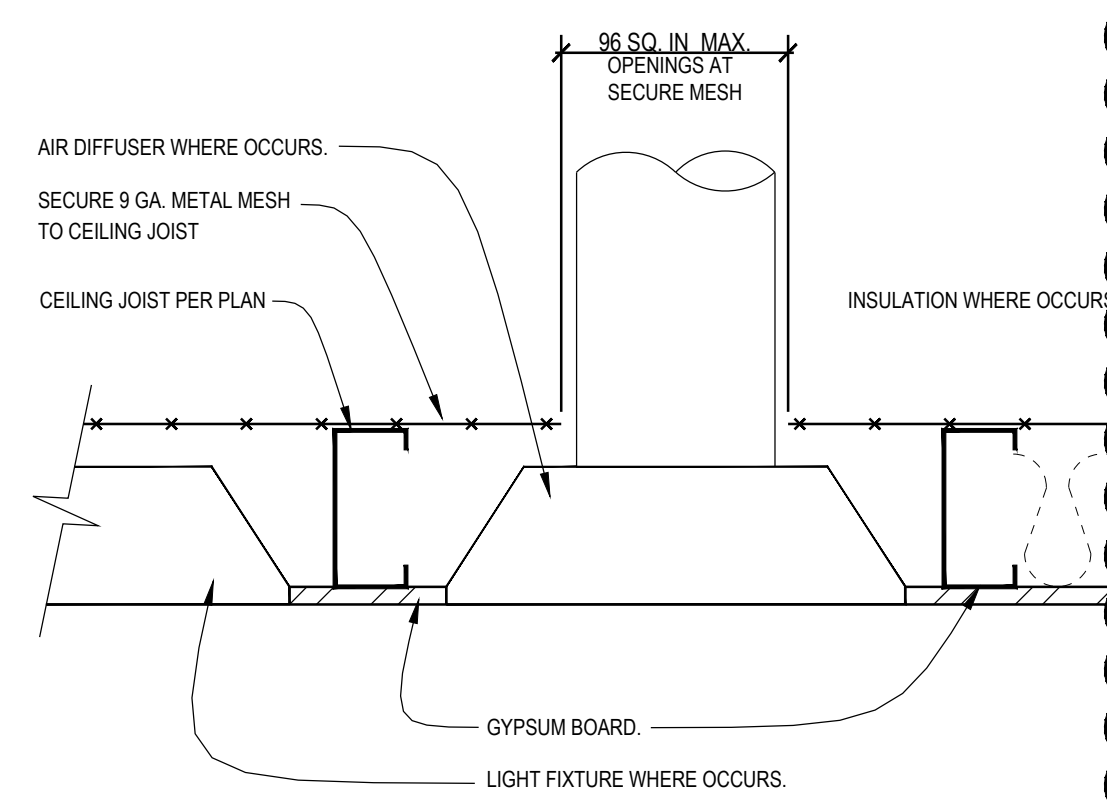


**TELESCOPING SEISMIC COMPRESSION STRUT DETAIL**

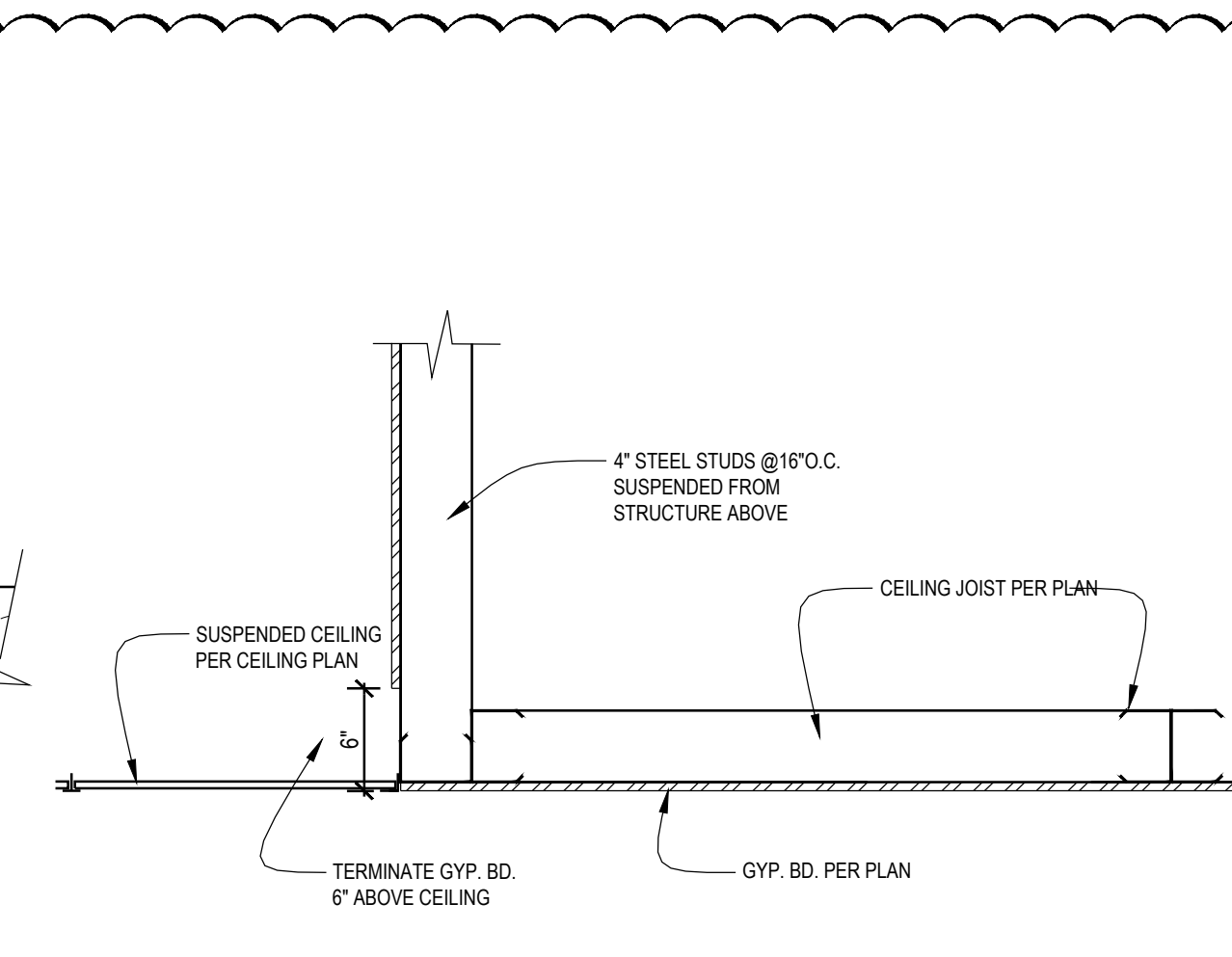
TYPE	TUBE LENGTH		OVERALL COMPRESSION STRUT LENGTH	
	1"Ø (STRUT "A")	3/4"Ø (STRUT "B")	MINIMUM	MAXIMUM
VSA 18/00	17"	17"	18"	30"
VSA 30/48	24"	30"	30"	48"
VSA 48/84	48"	40"	48"	84"
VSA 84/102	72"	40"	84"	102"

**DESCRIPTION & INSTALLATION:** (ICC ESR-1222, EXPIRES 12/2016)

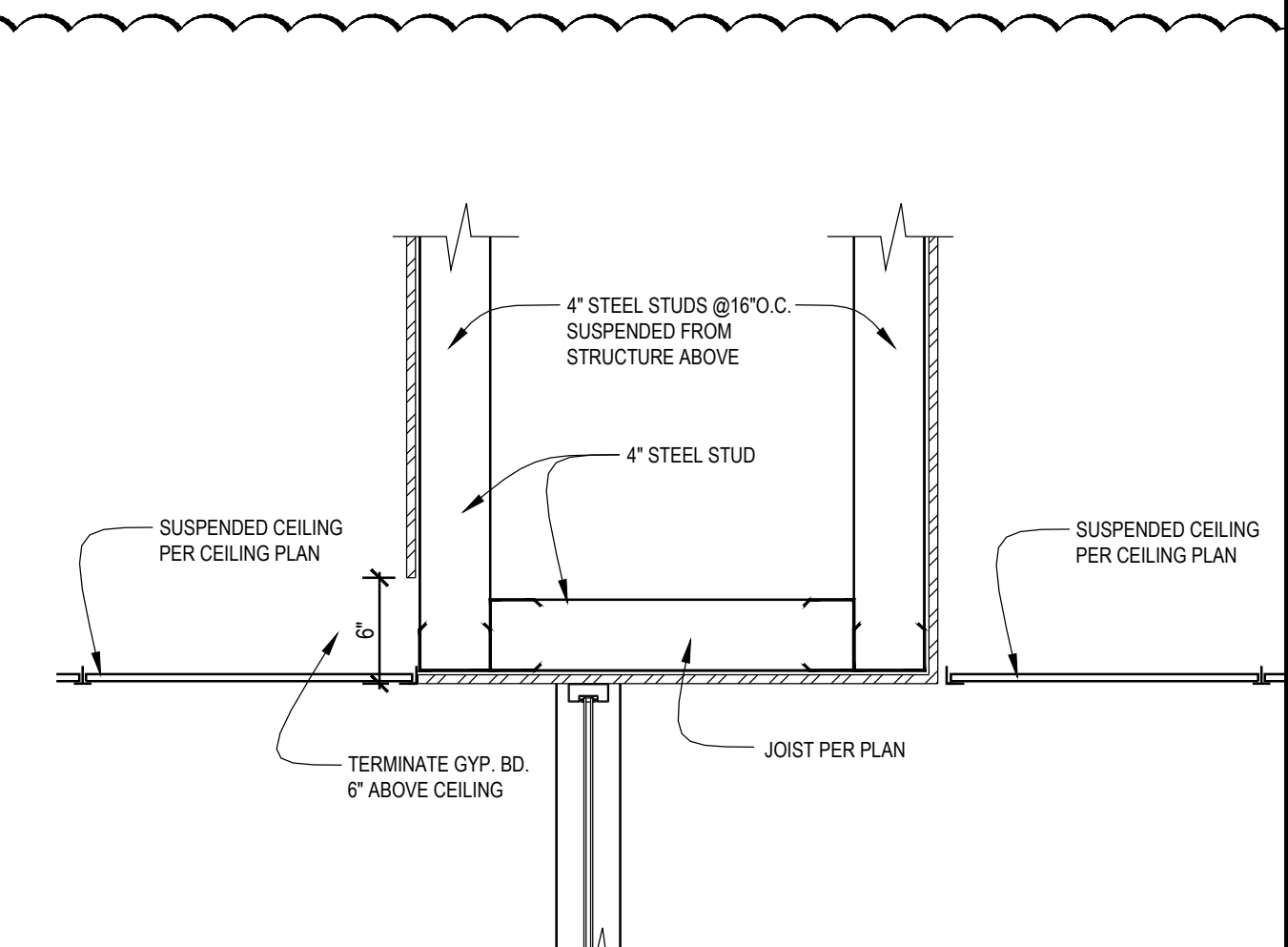
- COMPRESSION STRUT BE FASTENED TO THE MAIN RUNNER AND BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE.
- THE STRUT SHALL BE VERTICAL AND NOT HANG MORE THAN 1 IN 6 OUT OF PLUMB.
- ALL STRUT MEETING THE SPECIFICATIONS OF THIS TABLE WILL BE PRESUMED TO MEET THE REQUIREMENTS OF THE CODE. OTHER DESIGN CONFIGURATIONS MUST CONFORM TO THE DESIGN REQUIREMENTS OF THE CURRENT EDITION OF THE C.B.C.
- EACH STRUT MUST BE ACCOMPANIED BY A TENSION WIRE LOCATED ON THE INSIDE OF IMMEDIATELY TO (WITHIN 1") AND PARALLEL TO THE STRUT.
- PRE MANUFACTURED STRUTS ARE AVAILABLE AND MAY BE INSTALLED ACCORDING TO THEIR LISTING AND/OR INSTALLATION INSTRUCTIONS.



**METAL MESH AT CEILING JOIST**



**METAL STUD FRAMED SOFFIT DETAIL**



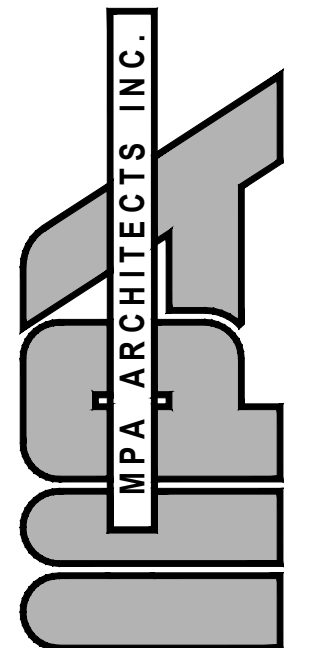
**METAL STUD FRAMED SOFFIT DETAIL**

NO SCALE

NO SCALE

NO SCALE

NO SCALE



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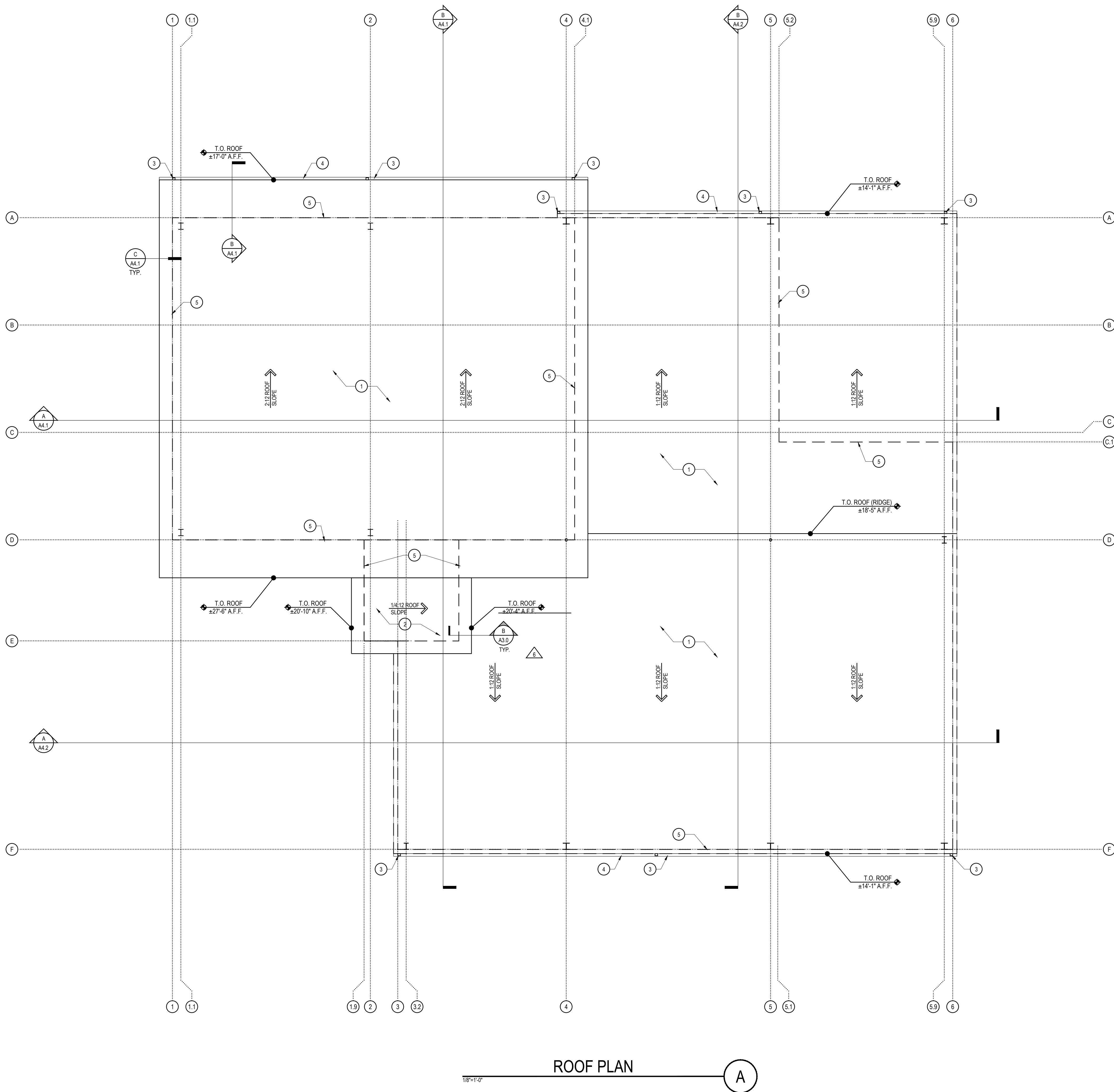
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02/01/17
2	BD REVISIONS	05/19/17



SHEET TITLE

**REFLECTED  
CEILING PLAN  
DETAILS**

DATE: SCALE:  
DRAWN BY: DATE: A.21  
CHECKED BY: SHEET NUMBER:  
PROJECT NO:



**FLOOR PLAN SHEET INDEX**

- 1 → METAL STANDING SEAM ROOFING PANELS BY METAL BUILDING MANUFACTURER.
- 2 → SINGLE PLY ROOFING MEMBRANE OVER RIGID INSULATION OVER PLYWOOD ROOF SHEATHING
- 3 → PROPOSED DOWNSPOUT LOCATION
- 4 → RAIN GUTTER AT ROOF EDGE
- 5 → OUTLINE OF WALL BELOW
- 6 → NOT USED
- 7 → NOT USED
- 8 → NOT USED
- 9 → NOT USED
- 10 → NOT USED

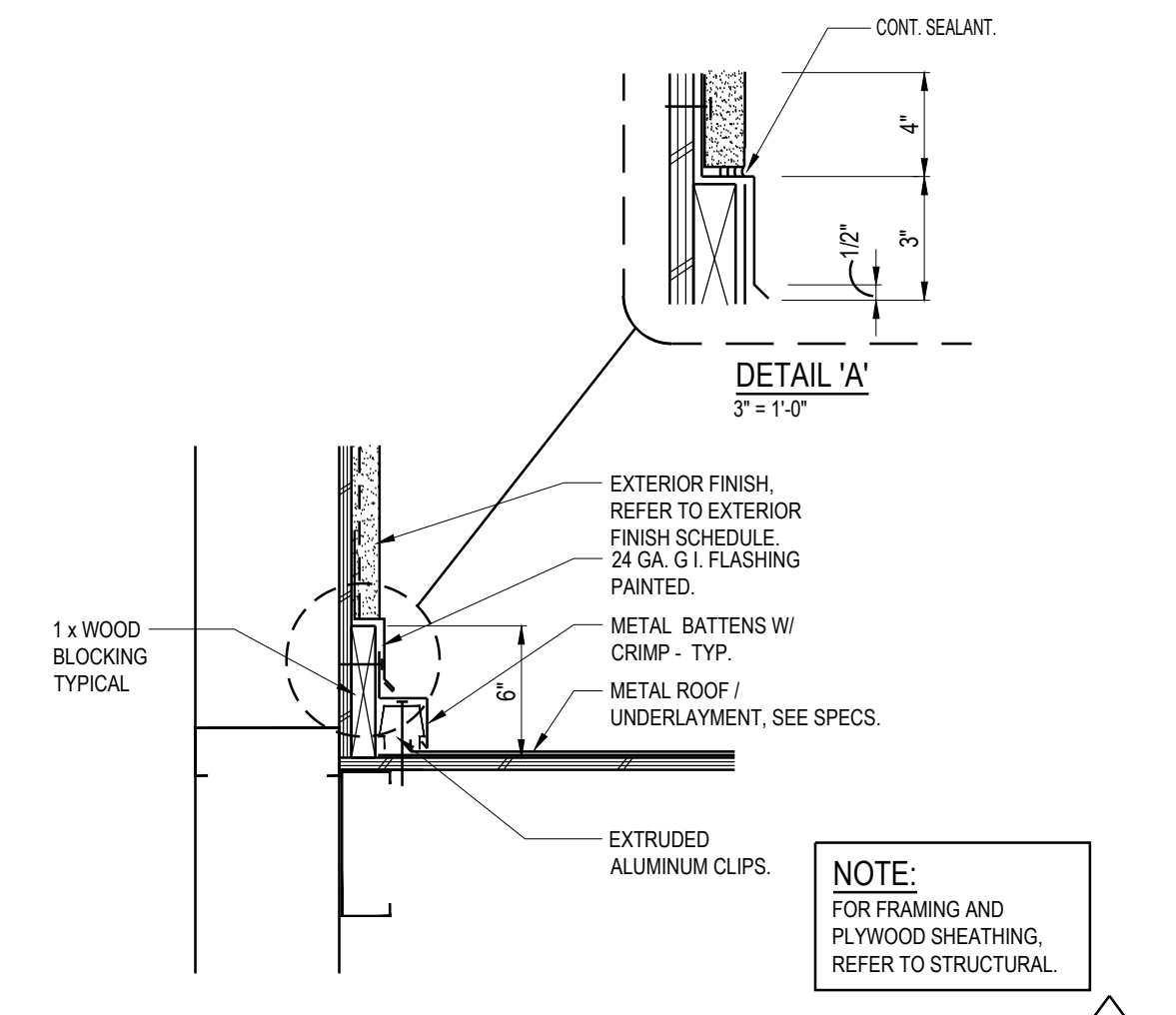
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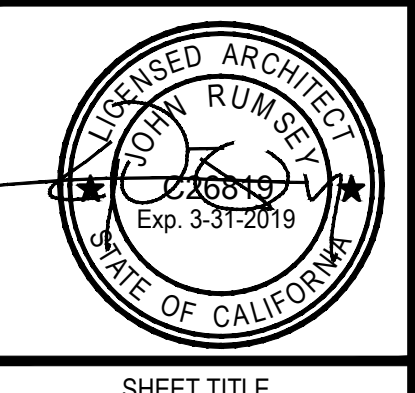
**REVISIONS**

NO.	DESCRIPTION	DATE
1	PRE-BID REVISIONS	04-21-17



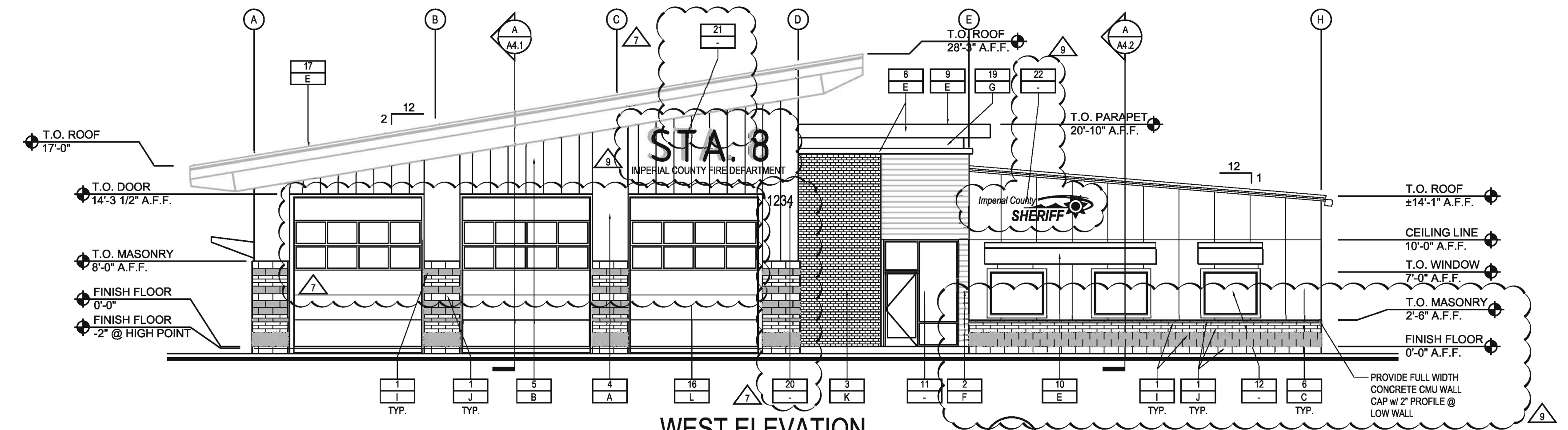
**RAKE DETAIL @ FRAMED TOWER**

DATE: TITLE: SCALE: TITLE:  
 DRAWN BY: TITLE: DATABASE: TITLE:  
 CHECKED BY: TITLE: SHEET NUMBER:  
 PROJECT NO: TITLE: **A3.0**

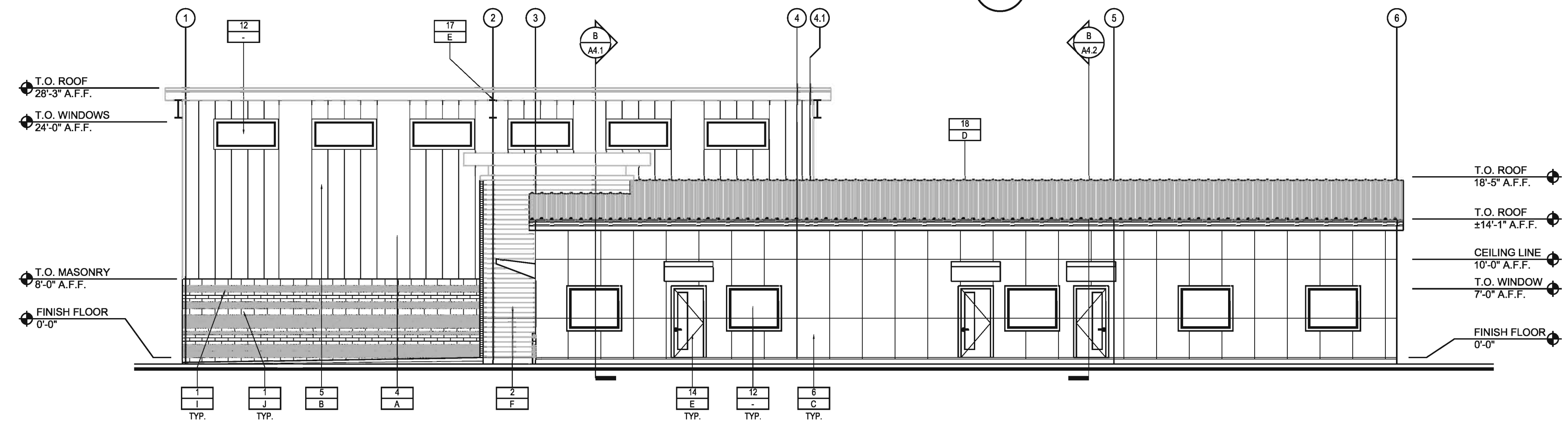


SHEET TITLE  
**ROOF PLAN**

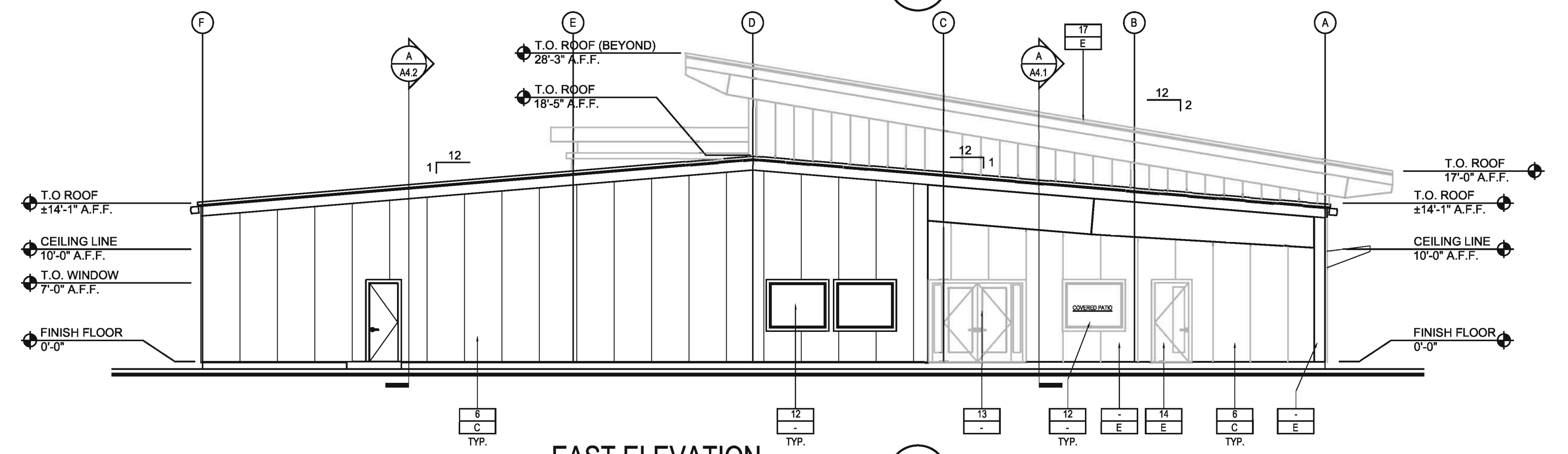
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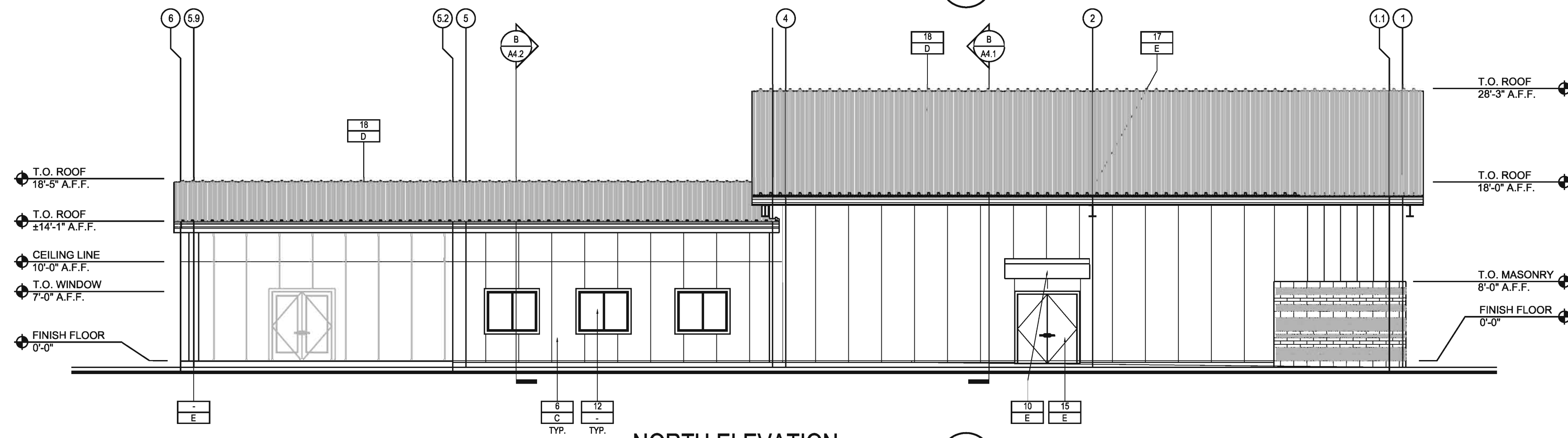
WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION



NORTH ELEVATION

**EXTERIOR MATERIALS**

- 1 CONCRETE MASONRY BLOCK (PATTERN w/ PRECISION BLOCK, SPLIT FACE BLOCK OF 8" AND 4" PROFILES)
- 2 COMPOSITE SIDING INSTALLED OVER MOISTURE BARRIER
- 3 BRICK VENEER
- 4 METAL BUILDING PANELS w/ SMOOTH FINISH OVER MOISTURE BARRIER
- 5 METAL BUILDING PANELS w/ RAISED RIBS OVER MOISTURE BARRIER
- 6 METAL BUILDING PANELS w/ TEXTURED FINISH OVER MOISTURE BARRIER
- 7 SHEET METAL FASCIA
- 8 EPS CORNICE / TRIM w/ SMOOTH PLASTER FINISH
- 9 PAINTED G.I. SHEET METAL COPING, COLOR TO MATCH ADJACENT PAINTED SURFACE
- 10 PREFABRICATED METAL CANOPY, BY MAPES OR EQUAL, CONTRACTOR TO SUBMIT SHOP DRAWINGS TO ARCHITECT AND OWNER FOR CONFORMANCE REVIEW PRIOR TO ORDERING.
- 11 STOREFRONT ALUMINUM FRAME AND CLEAR GLAZING
- 12 INSULATED VINYL FRAME WINDOWS w/ CLEAR GLAZING
- 13 ALUMINUM FRAME DOOR ASSEMBLY w/ CLEAR GLAZING AND SIDELIGHTS WITH CLEAR GLAZING
- 14 INSULATED METAL DOOR w/ GLAZING INSERT AND METAL FRAME, WITH PAINT FINISH
- 15 INSULATED METAL DOOR AND METAL FRAME, WITH PAINT FINISH
- 16 20 GA. (MIN.) METAL ROLL UP DOOR w/ ALUMINUM FRAME SASH WINDOW SECTIONS AND INSULATED METAL PANELS.
- 17 EXPOSED WIDE FLANGE STEEL BEAM w/ PAINTED FINISH
- 18 STANDING SEAM METAL ROOF PANELS
- 19 CEMENT PLASTER w/ SMOOTH FINISH
- 20 12" METAL BUILDING ADDRESS NUMBERS, COLOR: BLACK, MOUNTED ON STAND-OFFS, CONTRACTOR'S SIGN COMPANY (SUB-CONTRACTOR) TO SUBMIT FINAL DESIGN TO ARCHITECT AND OWNER PRIOR TO ORDERING, FINAL LOCATION TO BE COORDINATED WITH THE AGENCY HAVING JURISDICTION.
- 21 36" HIGH METAL STATION IDENTIFICATION SIGN WITH 8" HIGH LETTERING "IMPERIAL COUNTY FIRE DEPARTMENT", MOUNTED ON STAND-OFFS, CONTRACTOR'S SIGN COMPANY (SUB-CONTRACTOR) TO SUBMIT FINAL DESIGN TO ARCHITECT AND OWNER PRIOR TO ORDERING
- 22 SHERIFF'S STATION IDENTIFICATION SIGN, MOUNTED ON STAND-OFFS, CONTRACTOR'S SIGN COMPANY (SUB-CONTRACTOR) TO SUBMIT FINAL DESIGN TO ARCHITECT AND OWNER PRIOR TO ORDERING.

**EXTERIOR FINISH AND COLORS**

- A SMOOTH FINISH METAL PANEL, COLOR FOX GRAY BY NUCOR.
- B SMOOTH FINISH METAL PANELS w/ RIBS, COLOR BRICK RED BY NUCOR.
- C TEXTURED FINISH METAL PANELS, COLOR SURREY BEIGE BY NUCOR.
- D STANDING SEAM METAL ROOF PANELS, COLOR: WARM WHITE BY NUCOR.
- E COLOR TO MATCH SHERWIN WILLIAMS, PEPPERCORN #SW7674
- F COLOR TO MATCH SHERWIN WILLIAMS, PAVESTONE #SW7642
- G COLOR TO MATCH SHERWIN WILLIAMS, PEDIMENT #SW7634
- H CLEAR ANODIZED ALUMINUM FRAME
- I CONCRETE BLOCK BY RCP BLOCK AND BRICK, SPLIT FACE BLOCK, COLOR: CHESTNUT
- J CONCRETE BLOCK BY RCP BLOCK AND BRICK, PRECISION BLOCK, COLOR: BUFF w/ PUMICE
- K BRICK VENEER BY BELDEN BRICK, SMOOTH BRICK, COLOR: COMMODORE FULL RANGE
- L METAL ROLL UP DOOR BY OVERHEAD DOOR CORPORATION, COLOR: #RAL7023 OR EQUAL.

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PROJECT  
 A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN**  
**PUBLIC SAFETY FACILITY**  
 WINTERHAVEN, CA

**REVISIONS**

NO.	DESCRIPTION	DATE
7	80 REVISIONS	09-19-17
8	80 REVISIONS	09-29-17
9	OWNER REQUESTED REVISIONS	08-01-17

-	K
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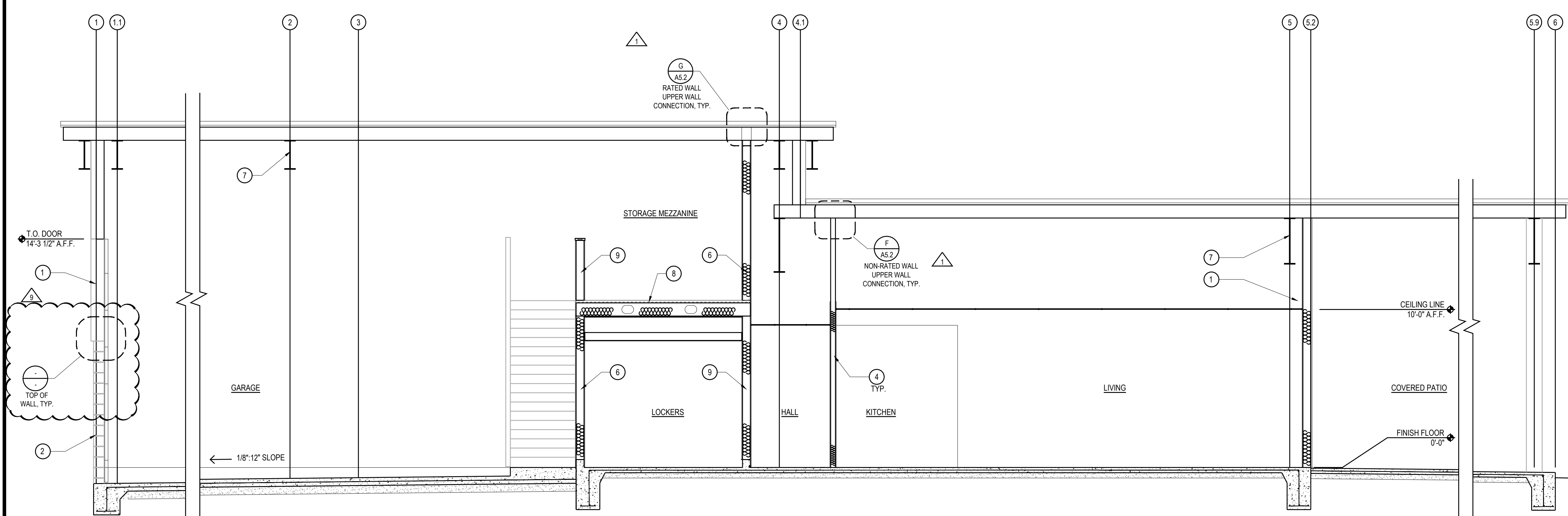


SHEET TITLE  
**EXTERIOR ELEVATIONS**

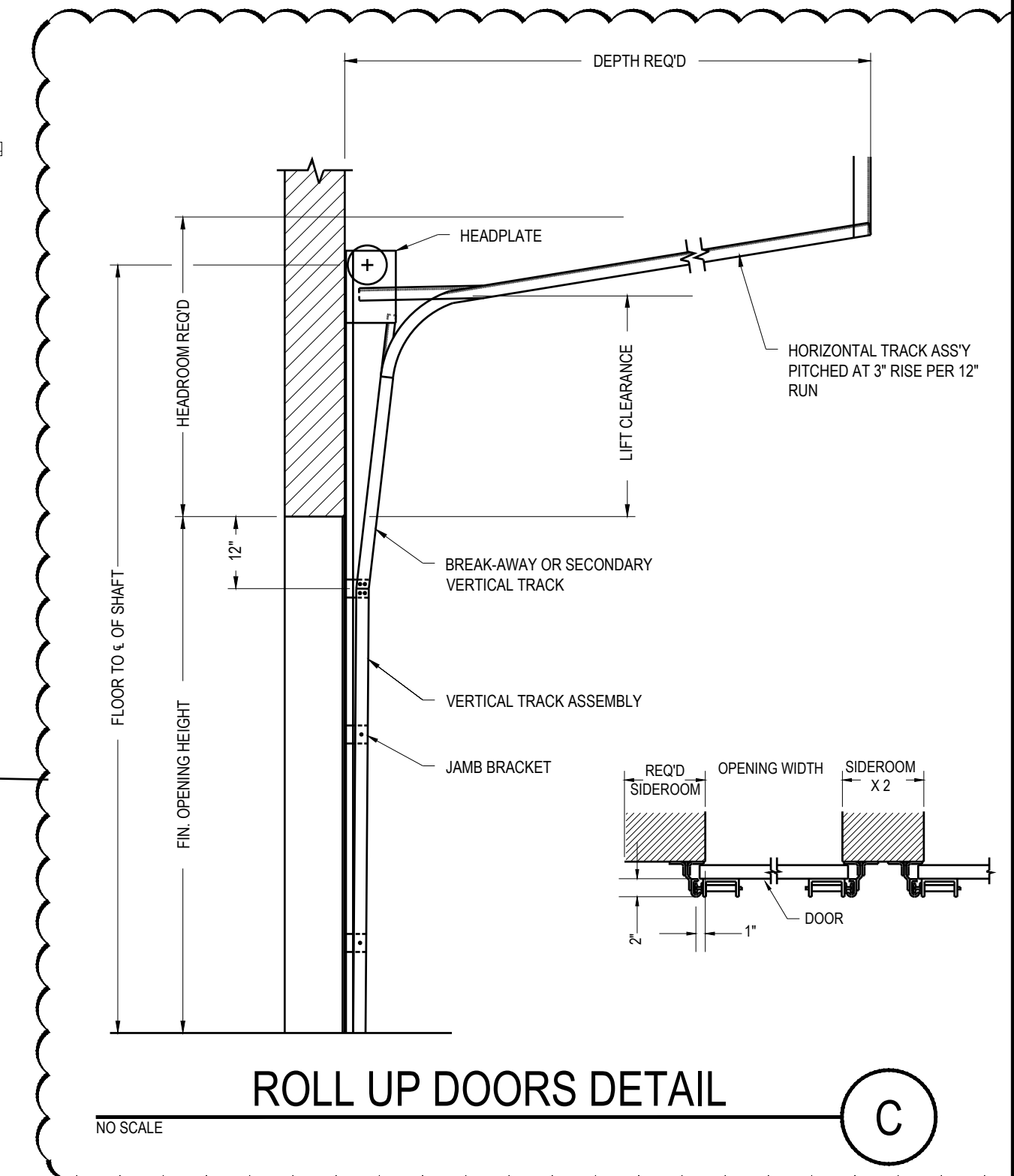
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DRAWN BY:	TITLE	DRAWN BY:	TITLE
CHECKED BY:	TITLE	CHECKED BY:	TITLE
PROJECT NO:	TITLE	PROJECT NO:	TITLE

**A.40**

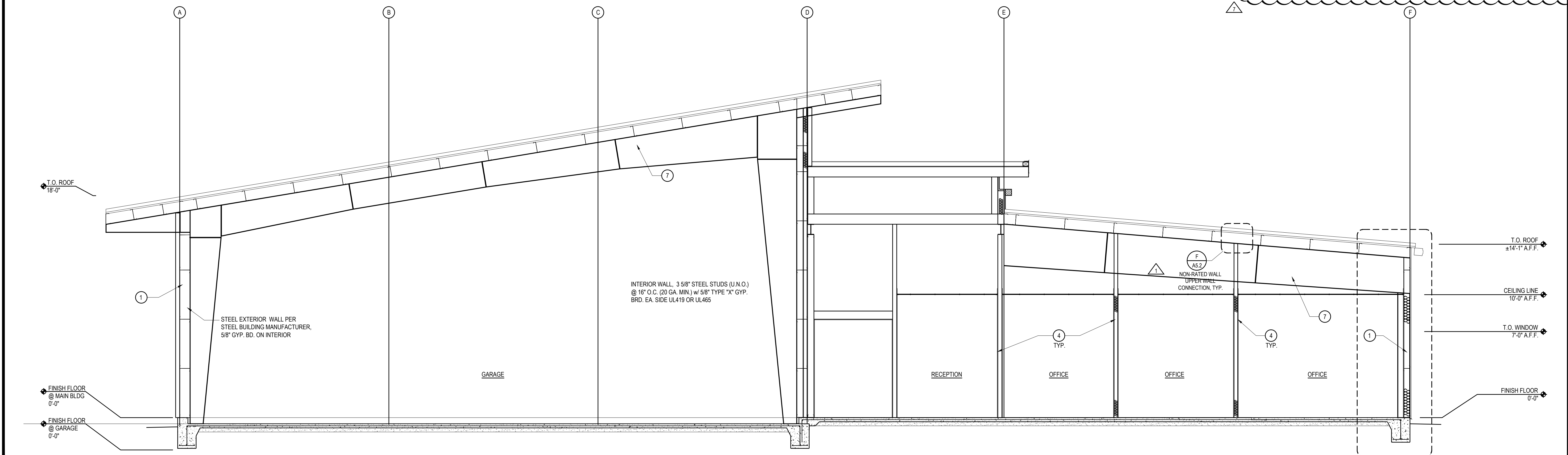
- FLOOR PLAN SHEET INDEX**
- ① STEEL EXTERIOR WALL PER STEEL BUILDING MANUFACTURER w/ EXTERIOR METAL PANELS AND 5/8" GYP. BD. ON INTERIOR SIDE
  - ② 8" C.M.U. WALL
  - ③ NON BEARING INTERIOR WALL, 6" STUDS (U.N.O.) @ 16" (20 GA. MIN.) w/ 10 GA. SECURITY STEEL MESH AT ONE SIDE AND 1 LAYER OF 5/8" TYPE X GYP. BD. EXTERIOR SIDE AND 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS WITH 5/8" TYPE X GYP. BD. AT INTERIOR SIDE.
  - ④ NON BEARING INTERIOR WALL, 3 5/8" STEEL STUDS (U.N.O.) @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.
  - ⑤ NON-BEARING INTERIOR WALL, 6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE. PROVIDE 10 GA. SECURITY STEEL MESH AT ONE SIDE
  - ⑥ INTERIOR WALL, 6" STEEL STUDS (U.N.O.) @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE "X" GYP. BD. EA. SIDE UL419 OR UL465
  - ⑦ NUCOR STRUCTURAL STEEL FRAME
  - ⑧ 2" THICK CONCRETE DECK OVER MINIMUM 9/16" (22 MSG) CORRUGATED FLUTED STEEL DECK OVER 'C' SHAPED STEEL JOISTS (8" DEEP MINIMUM). 1 HR RATED, UL G564 FLOOR / CEILING ASSEMBLY.
  - ⑨ NON-BEARING INTERIOR WALL, 6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.



**BUILDING SECTION A**  
1/4" = 1'-0"



**ROLL UP DOORS DETAIL C**  
NO SCALE



**BUILDING SECTION B**  
1/4" = 1'-0"

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PROJECT  
**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

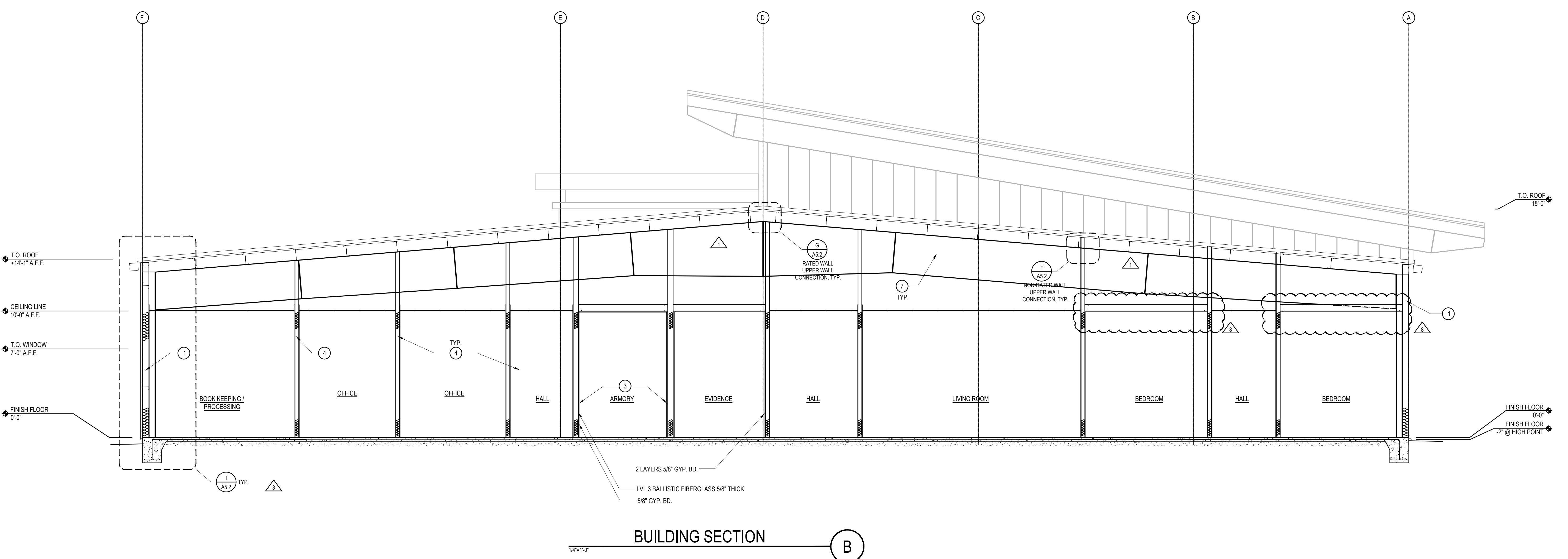
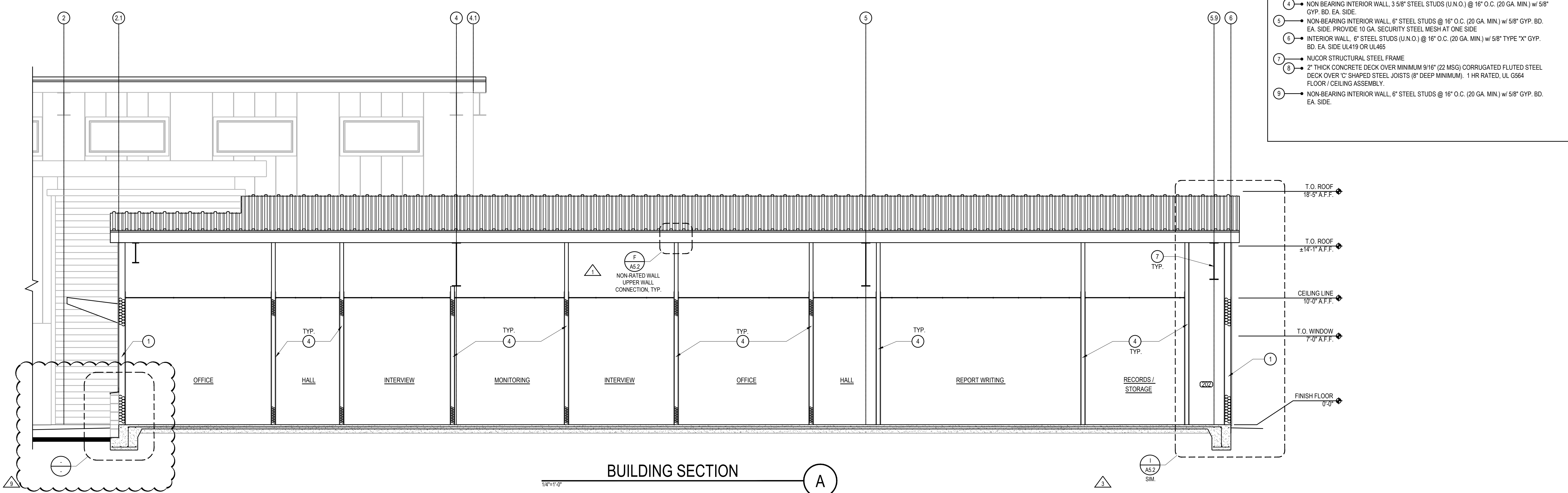
REVISIONS		
NO.	DESCRIPTION	DATE
①	PLAN CHECK CHANGES	03-01-17
②	BD REVISIONS	05-19-17
③	OWNER REQUESTED REVISIONS	06-02-17



SHEET TITLE  
**BUILDING SECTIONS**

DATE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ TITLE: \_\_\_\_\_  
PROJECT NO: \_\_\_\_\_ TITLE: **A4.1**

- FLOOR PLAN SHEET INDEX**
- ① → STEEL EXTERIOR WALL PER STEEL BUILDING MANUFACTURER w/ EXTERIOR METAL PANELS AND 5/8" GYP. BD. ON INTERIOR SIDE
  - ② → 8" C.M.U. WALL
  - ③ → NON BEARING INTERIOR WALL, 6" STUDS (U.N.O.) @ 16" (20 GA. MIN.) w/ 10 GA. SECURITY STEEL MESH AT ONE SIDE AND 1 LAYER OF 5/8" TYPE X GYP. BD. EXTERIOR SIDE AND 1 LAYER OF UL752 LEVEL 3 BALLISTIC FIBERGLASS WITH 5/8" TYPE X GYP. BD. AT INTERIOR SIDE.
  - ④ → NON BEARING INTERIOR WALL, 3 5/8" STEEL STUDS (U.N.O.) @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.
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  - ⑥ → INTERIOR WALL, 6" STEEL STUDS (U.N.O.) @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE "X" GYP. BD. EA. SIDE UL419 OR UL465
  - ⑦ → NUCOR STRUCTURAL STEEL FRAME
  - ⑧ → 2" THICK CONCRETE DECK OVER MINIMUM 9/16" (22 MSG) CORRUGATED FLUTED STEEL DECK OVER 'C' SHAPED STEEL JOISTS (8" DEEP MINIMUM). 1 HR RATED, UL G564 FLOOR / CEILING ASSEMBLY.
  - ⑨ → NON-BEARING INTERIOR WALL, 6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE.



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PROJECT  
**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	PLAN CHECK CHANGES	03-15-17
3	BID REVISIONS	05-19-17
4	BID REVISIONS	05-25-17



SHEET TITLE  
**BUILDING SECTIONS**

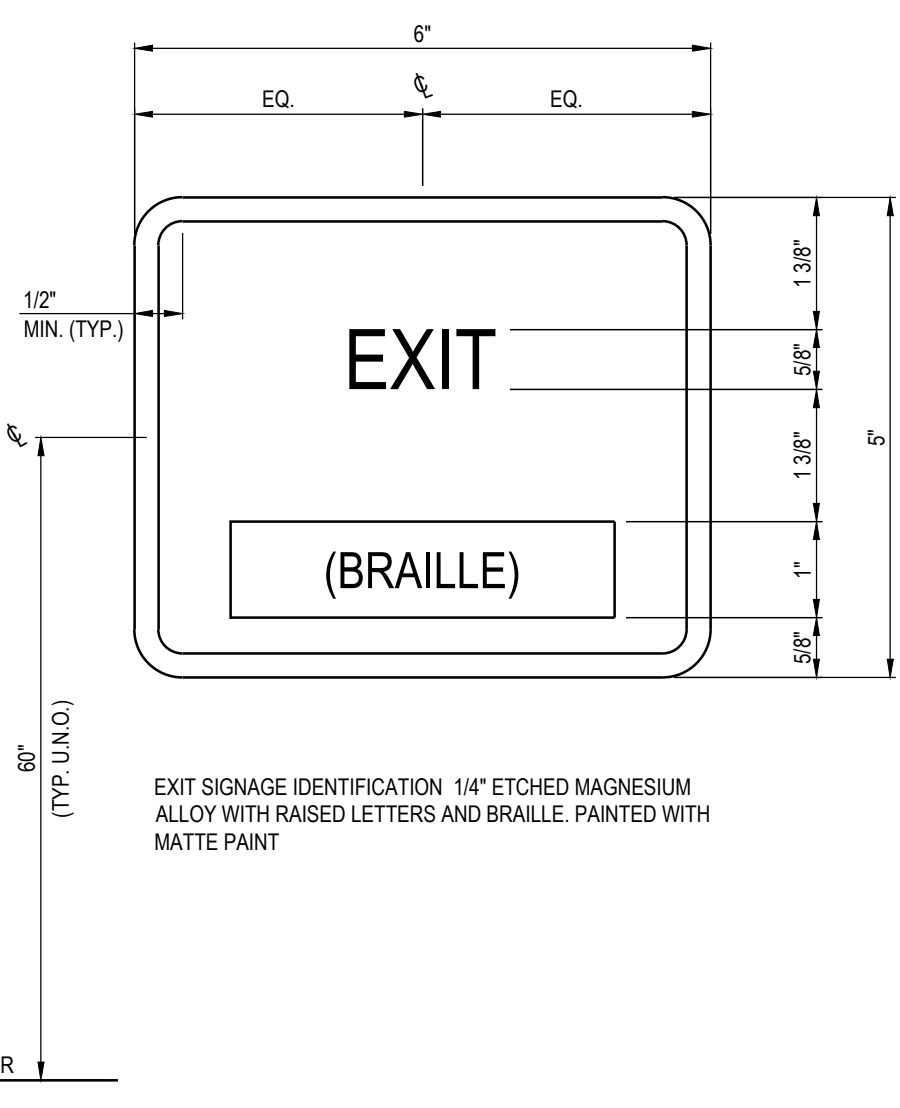
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PROJECT NO: \_\_\_\_\_ TITLE: **A4.2**

NO.	DESCRIPTION	DATE



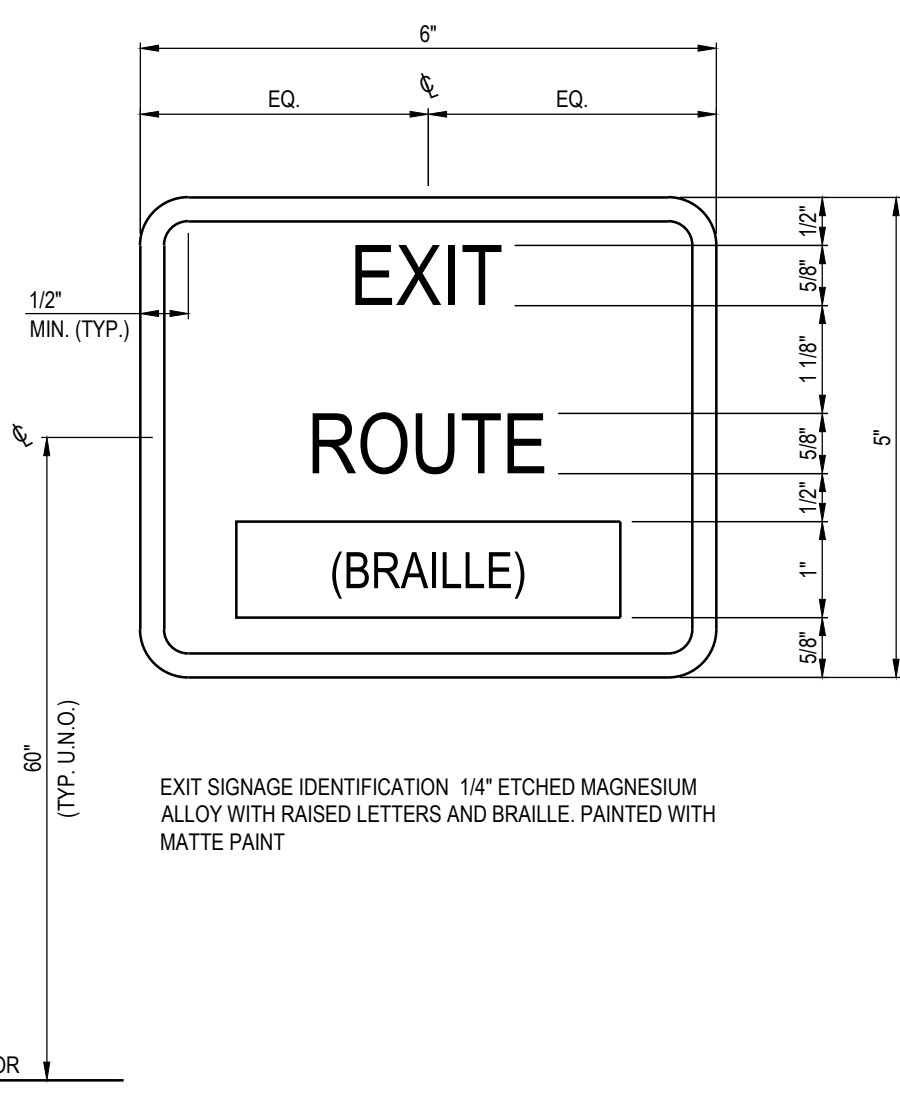
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PROJECT NO. TITLE **A 5.0**



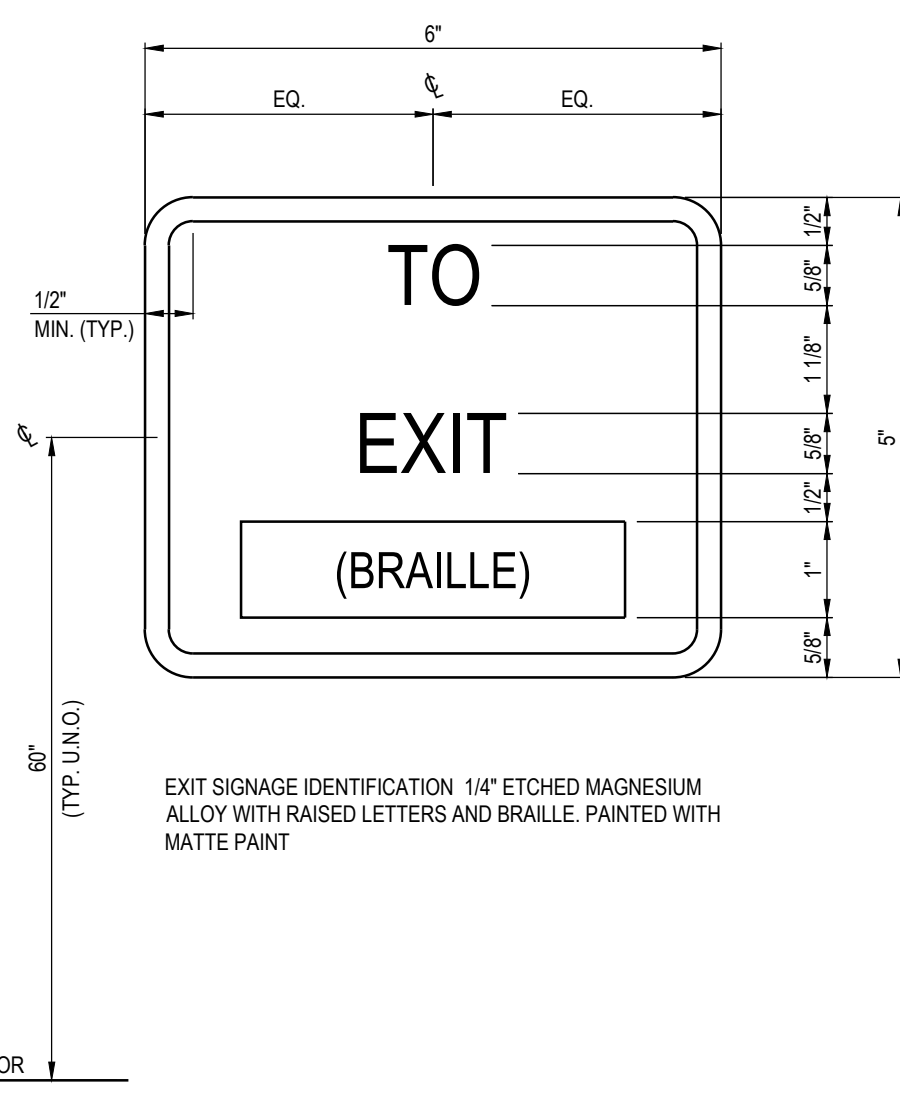
TACTILE EGRESS SIGNAGE

A



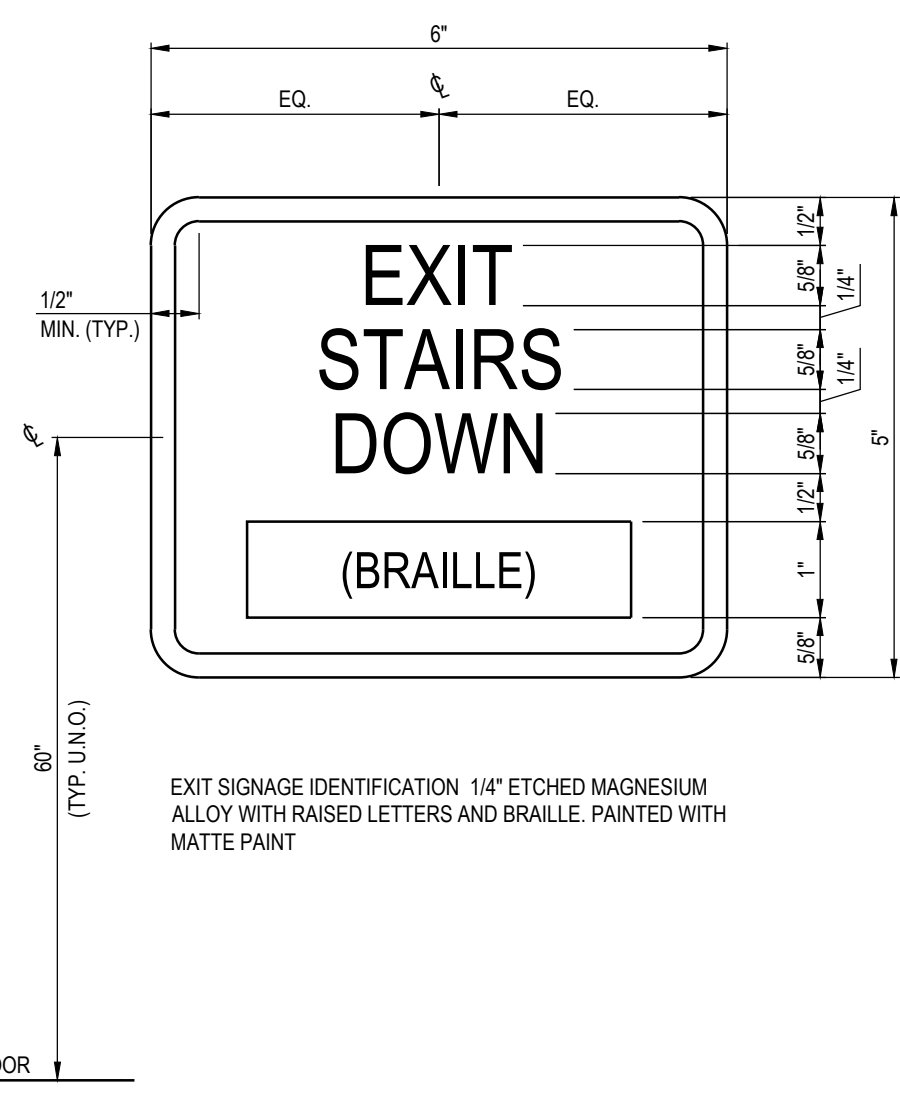
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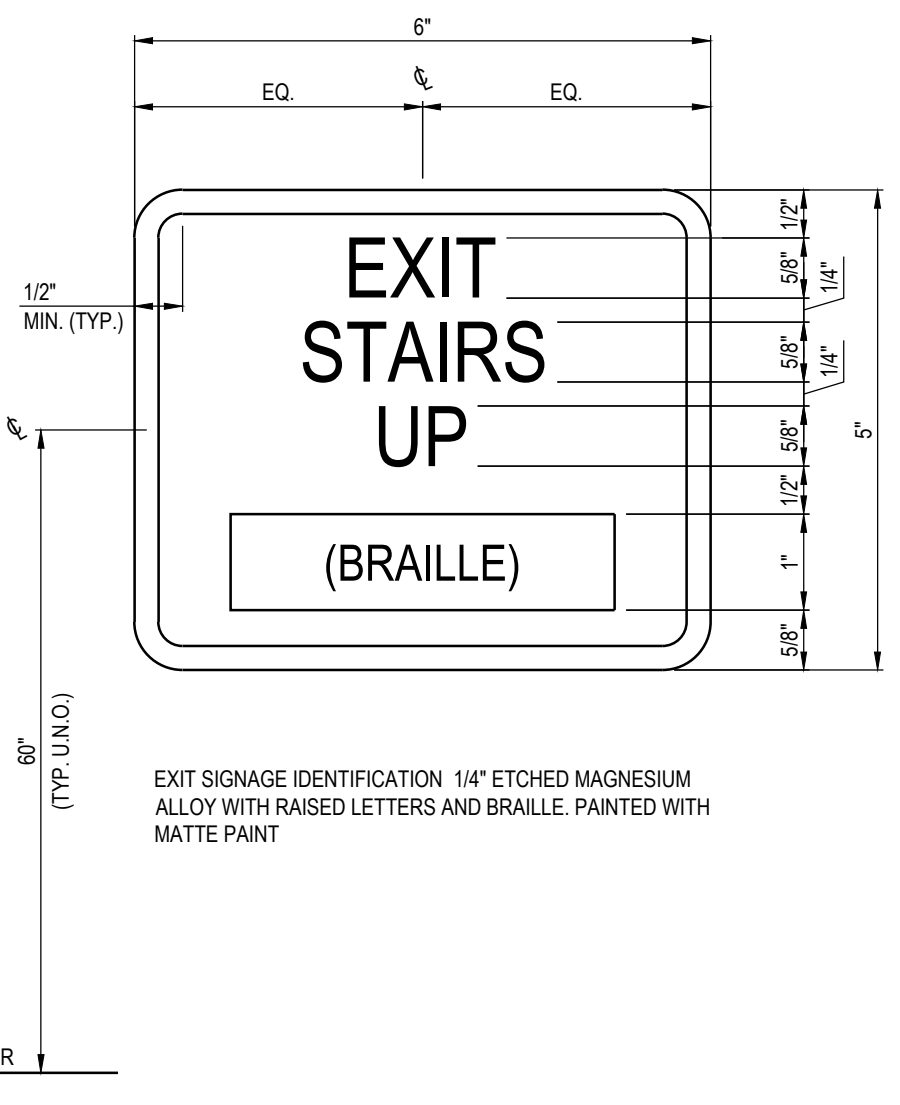
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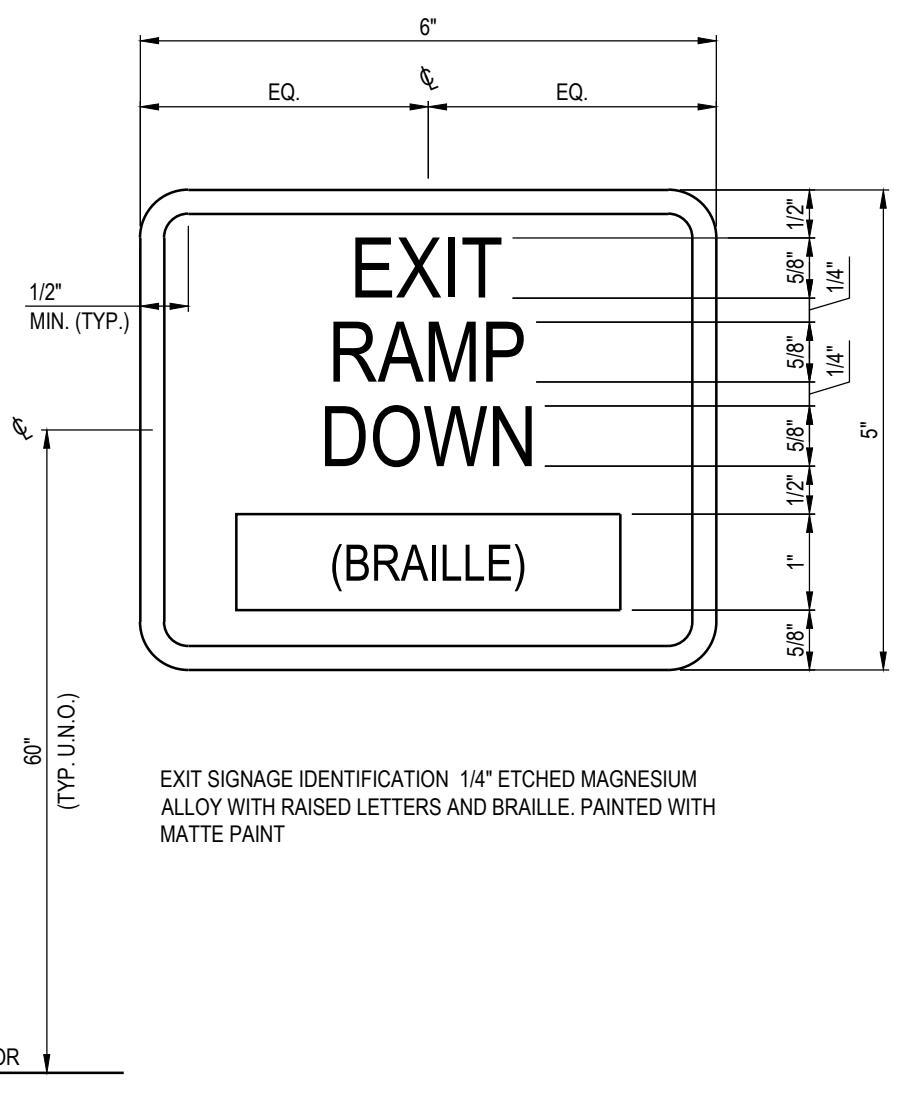
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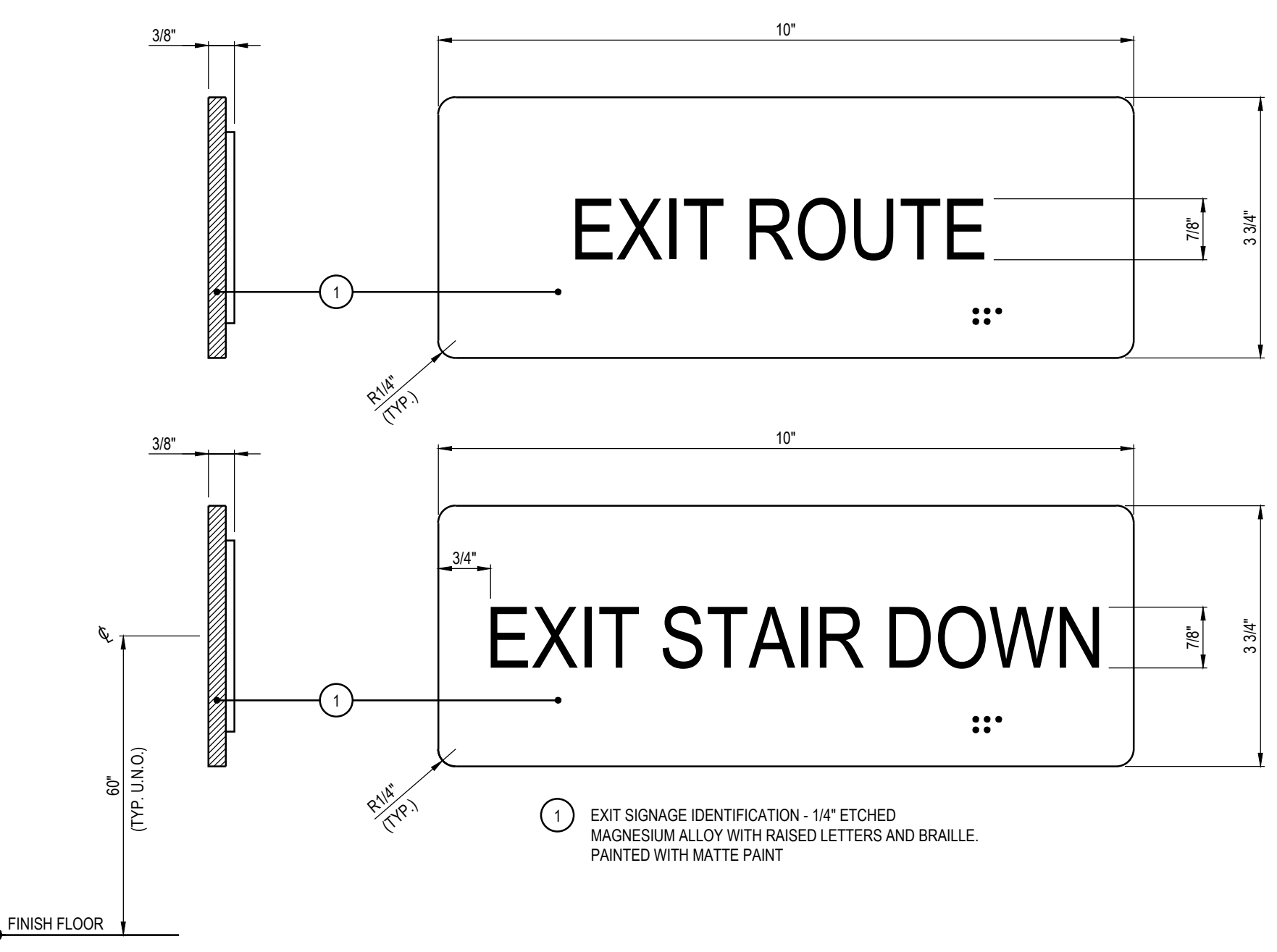
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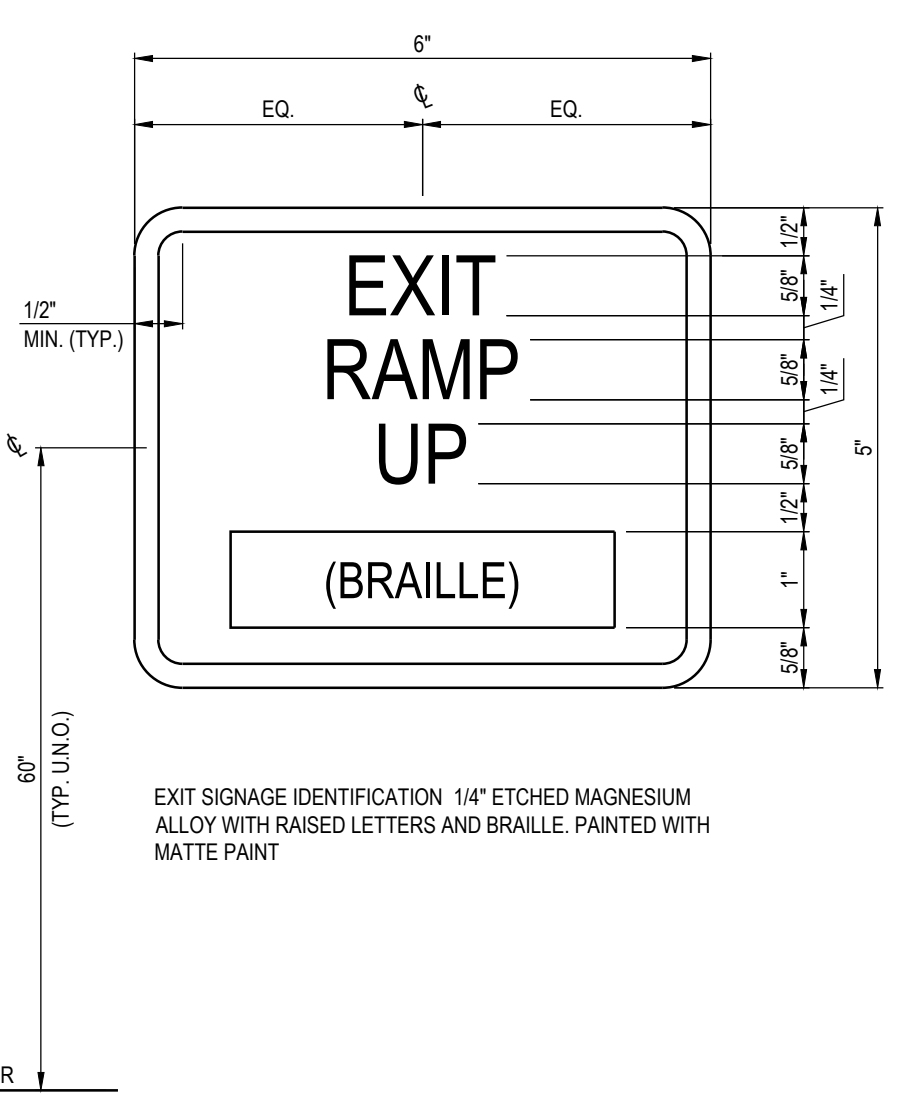
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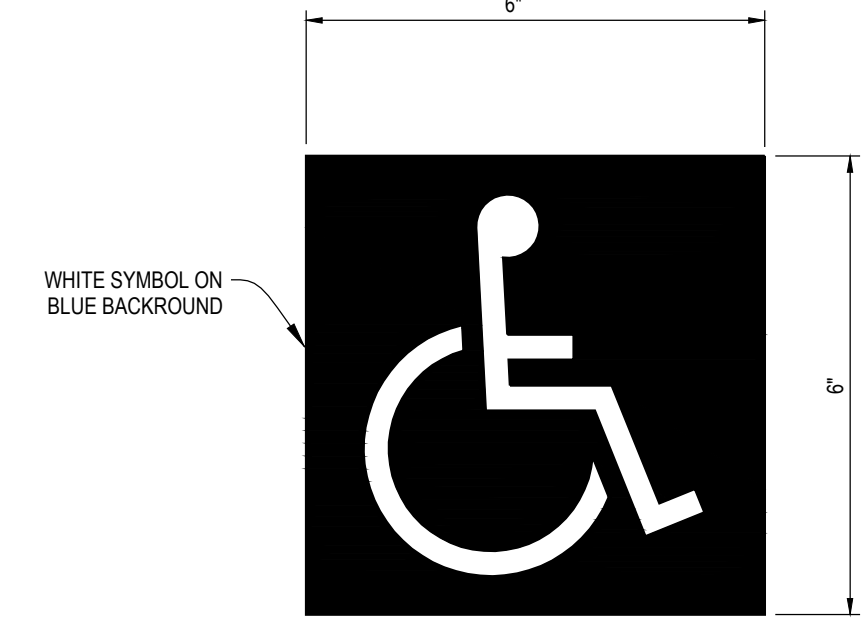
TACTILE EGRESS SIGNAGE

G



TACTILE EGRESS SIGNAGE

H



INTERNATIONAL SYMBOL OF ACCESSIBILITY

I



NO SMOKING SIGNAGE

J

CHARACTER PROPORTION AND HEIGHT	PERMANENT ROOMS	DIRECTIONAL INFORMATION	OVERHEAD
CHARACTERS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3.5 AND 1:1	•	•	•
CHARACTERS SHALL HAVE A STROKE-TO-HEIGHT RATIO BETWEEN 1.5 AND 1:10	•	•	•
CHARACTERS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ	•	•	•
CHARACTERS SHALL BE A 3" MINIMUM HEIGHT	•	•	•
CHARACTERS SHALL BE AT LEAST 5/8" IN HEIGHT, BUT NO HIGHER THAN 2"	•	•	•
RAISED AND BRAILLE CHARACTERS			
CHARACTERS SHALL BE RAISED 1/32 INCH	•	•	•
CHARACTERS SHALL BE UPPER CASE, SANS SERIF TYPE	•	•	•
CHARACTERS SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE	•	•	•
CHARACTERS SHALL BE AT LEAST 5/8" IN HEIGHT, BUT NO HIGHER THAN 2"	•	•	•
PICTORIAL SYMBOL SIGNS			
THE EQUIVALENT VERBAL DESCRIPTION SHALL BE PLACED DIRECTLY BELOW THE PICTOGRAM	•	•	•
BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" MINIMUM	•	•	•
SIGN FINISH AND CONTRAST			
CHARACTERS AND BACKGROUND SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH	•	•	•
CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND - EITHER LIGHT ON DARK OR DARK ON LIGHT	•	•	•
MOUNTING LOCATION AND HEIGHT			
MOUNTED ON WALL ADJACENT TO THE LATCH SIDE OF THE DOOR	•	•	•
MOUNTING HEIGHT TO BE 60" ABOVE THE FINISHED FLOOR TO THE CENTERLINE OF THE SIGN	•	•	•
MOUNTED SO AS TO AVOID THE SWING OF A DOOR OR PROTRUDING OBJECT	•	•	•
MOUNTED SO AS TO AVOID THE SWING OF A DOOR OR PROTRUDING OBJECT	•	•	•

**TACTILE EXIT SIGNAGE**

EACH GRADE-LEVEL EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE SIGN WITH THE WORD 'EXIT'. TACTILE EXIT SIGNAGE SHALL COMPLY WITH THE FOLLOWING:

- LETTERS ON SIGNS SHALL BE RAISED 1/32", SANS SERIF UPPERCASE CHARACTERS AND ARE ACCOMPANIED BY GRADE 2 BRAILLE
- RAISED CHARACTERS SHALL BE BETWEEN 5/8" AND 2" HIGH
- BRAILLE DOTS SHALL 1/10" ON CENTER IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS, MEASURED FROM THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF THE SECOND CELL.
- BRAILLE DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
- CHARACTERS AND BACKGROUND OF SIGNS SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE FINISH
- CHARACTERS SHALL CONTRAST WITH THEIR BACKGROUND (LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND)
- LETTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BETWEEN 3.5 AND 1:1 AND HAVE A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1.5 AND 1:10
- SIGNS SHALL BE INSTALLED ON THE LATCH SIDE OF THE DOOR.
- SIGN MOUNTING HEIGHT SHALL BE 60" FROM FINISH FLOOR TO SIGN CENTERLINE.
- MOUNTING LOCATION SHALL ALLOW A PERSON TO APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF THE DOOR.

**TACTILE EXIT SIGNAGE LOCATIONS**

TACTILE EXIT SIGNS SHALL BE REQUIRED AT THE FOLLOWING LOCATIONS:

- EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT"
- EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF A STARWAY OR RAMP SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE FOLLOWING WORDS AS APPROPRIATE:
  - "EXIT STAIR DOWN"
  - "EXIT RAMP DOWN"
  - "EXIT STAIR UP"
  - "EXIT RAMP UP"
- EACH EXIT DOOR THAT LEADS DIRECTLY TO A GRADE-LEVEL EXTERIOR EXIT BY MEANS OF AN EXIT ENCLOSURE OR AN EXIT PASSAGEWAY SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE"
- EACH EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS TO HAVE A VISUAL EXIT SIGN SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT ROUTE"
- EACH EXIT DOOR THROUGH A HORIZONTAL EXIT SHALL BE IDENTIFIED BY A SIGN WITH THE WORDS "TO EXIT"

REVISIONS		
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
3	PLAN CHECK CHANGES	05-16-17



SHEET TITLE  
**WALL DETAILS**

DATE: 02-15-12 SCALE: AS NOTED  
 DRAWN BY: MM DATE: 15137\_A5.1  
 CHECKED BY: JR SHEET NUMBER:  
 PROJECT NO: 15137 **A5.1**

**ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3 5/8" METAL STUDS 24" O.C. WITH 1" TYPE S DRYWALL SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 32" O.C. EACH SIDE AND OPPOSITE SIDES (N.B.).**

BUILT IN OR FLUSH FIXTURES, EQUIPMENT ETC. EXCEEDING 16 SQUARE INCHES SHALL NOT BE INSTALLED IN 1-HOUR RATED WALLS EXCEPT AS SPECIFICALLY DETAILED TO MAINTAIN REQUIRED FIRE RATING.

FIRE RATING: 1-HOUR  
 SOUND RATING STC: 45 TO 49  
 GYPSUM ASSOC. FILE NO.: WP 1200  
 APPROX. WEIGHT: 6 PSF  
 FIRE TEST: FM WP-45.6-19-68  
 SOUND TEST: NGC 2385, 7-28-70

**FASTENER NOTES:**  
 • USE TYPE S SCREWS FOR 25 OR 22 GAUGE STEEL FRAMING  
 • USE TYPE S-12 SCREWS FOR 20 GAUGE (OR HEAVIER) STEEL FRAMING

**ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3 5/8" METAL STUDS 24" O.C. (MINIMUM) WITH 1" TYPE S DRYWALL SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 32" O.C. EACH SIDE AND OPPOSITE SIDES (N.B.).**

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**ONE LAYER GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF METAL STUDS AS SHOWN WITH 1 5/8" DRYWALL SCREWS (OR BY CODE) AT 8" O.C. TO VERTICAL EDGES AND 16" O.C. TO HORIZONTAL EDGES. STAGGER JOINTS AT 16" O.C. EACH SIDE.**

GYPSUM WALL BOARD SHALL BE INSTALLED WITH ALL EDGES OF WALL BOARD LOCATED OVER FRAMING MEMBERS, EXCEPT FOR JOINTS PERPENDICULAR TO THE MAIN FRAMING. THE EDGES AND ENDS OF ADJOINING SHEETS SHALL BE IN MODERATE CONTACT AND THE FASTENERS SHALL HOLD THE PANELS IN FIRM CONTACT WITH THE FRAMING.

GYPSUM WALLBOARD SHALL NOT BE INSTALLED UNTIL ALL EXTERIOR FRAMING IS COVERED.

FIRE RATING: 1-HOUR  
 SOUND RATING STC: 45 TO 49  
 GYPSUM ASSOC. FILE NO.: WP 1200  
 APPROX. WEIGHT: 6 PSF  
 FIRE TEST: FM WP-45.6-19-68  
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FIRE RATING: 1-HOUR  
 SOUND RATING STC: 45 TO 49  
 GYPSUM ASSOC. FILE NO.: WP 1200  
 APPROX. WEIGHT: 6 PSF  
 FIRE TEST: FM WP-45.6-19-68  
 SOUND TEST: NGC 2385, 7-28-70

**FASTENER NOTES:**  
 • USE TYPE S SCREWS FOR 25 OR 22 GAUGE STEEL FRAMING  
 • USE TYPE S-12 SCREWS FOR 20 GAUGE (OR HEAVIER) STEEL FRAMING

**BULLET RESISTANT FIBERGLASS MATERIAL**  
 The panels shall be made of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into flat rigid sheets. The production technique and materials used shall provide the controlled internal delamination to permit the encapture of a penetrating projectile. Bullet Resistant Fiberglass panel: 1/2" inch maximum thickness, and 4.5 pounds per square foot maximum weight. Material shall be Bullet Guard Level 1 by Bullet Guard Corp., W. Sacramento, CA phone # (916) 375-0402, Fax# (916) 375-0208, email: bgs@bulletguard.com, WebSite: www.bulletguard.com

**SECURITY LEVEL**  
 The Bullet Resistant Fiberglass will be UL Listed and Tested for UL752 Level III.

**FIRE RATING**  
 (Q9aa-Q3) Has a one-hour fire rating per ASTM E119-98 and can be used for fire corridors and firewalls.

**SUPPORTING MEMBERS** Prior to installing the bullet resistive material the contractor shall verify that all supports have been installed as required by the contract documents and the architectural drawings.

**JOINTS** All joints shall be reinforced by a backup layer of bullet resistive material. The bullet resistive of the joint, as reinforced, shall be at least equal to that of the panel. Minimum width of reinforcing layer at joint shall be 4-inches (2" on each panel or a 2" minimum overlap).

FIRE RATING: 1-HOUR  
 SOUND RATING STC: 40  
 UL FILE NO.: U419  
 APPROX. WEIGHT: 6 PSF  
 FIRE TEST: EXUV, ANSI/UL 263  
 SOUND TEST: RAL-TL11-125

**FASTENER NOTES:**  
 • USE TYPE S SCREWS FOR 25 OR 22 GAUGE STEEL FRAMING  
 • USE TYPE S-12 SCREWS FOR 20 GAUGE (OR HEAVIER) STEEL FRAMING

**ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR VENEER BASE APPLIED AT RIGHT ANGLES OR PARALLEL TO EACH SIDE OF 3 5/8" METAL STUDS 24" O.C. (MINIMUM) WITH 1" TYPE S DRYWALL SCREWS AT 8" O.C. TO VERTICAL EDGES AND 12" O.C. TO TOP AND BOTTOM RUNNERS AND INTERMEDIATE STUDS. STAGGER ALL VERTICAL AND HORIZONTAL JOINTS 32" O.C. EACH SIDE AND OPPOSITE SIDES (N.B.).**

BUILT IN OR FLUSH FIXTURES, EQUIPMENT ETC. EXCEEDING 16 SQUARE INCHES SHALL NOT BE INSTALLED IN 1-HOUR RATED WALLS EXCEPT AS SPECIFICALLY DETAILED TO MAINTAIN REQUIRED FIRE RATING.

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GYPSUM WALL BOARD SHALL BE INSTALLED WITH ALL EDGES OF WALL BOARD LOCATED OVER FRAMING MEMBERS, EXCEPT FOR JOINTS PERPENDICULAR TO THE MAIN FRAMING. THE EDGES AND ENDS OF ADJOINING SHEETS SHALL BE IN MODERATE CONTACT AND THE FASTENERS SHALL HOLD THE PANELS IN FIRM CONTACT WITH THE FRAMING.

GYPSUM WALLBOARD SHALL NOT BE INSTALLED UNTIL ALL EXTERIOR FRAMING IS COVERED.

FIRE RATING: 1-HOUR  
 SOUND RATING STC: 45 TO 49  
 GYPSUM ASSOC. FILE NO.: WP 1200  
 APPROX. WEIGHT: 6 PSF  
 FIRE TEST: FM WP-45.6-19-68  
 SOUND TEST: NGC 2385, 7-28-70

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**CONCRETE FOR FOOTING: 1 PART CEMENT, 2 1/2 PARTS SAND, 3 1/2 PARTS 3/4" GRAVEL**  
 7 GALLONS WATER MAX PER SACK OF CEMENT  
**MORTAR MIX: 1 PART CEMENT, 1/4 PARTS HYDRATED LIME OR LIME PUTTY, 3 1/2 PARTS SAND**  
**GROUT MIX: 1 PART PORTLAND CEMENT, 3 1/2 PARTS SAND, 2 PARTS 3/4" GRAVEL (30% AGGREGATE). ALL BLOCKS MUST BE TYPE "N" GROUTED SOLID WHEREVER REINFORCING OCCURS.**  
 PROVIDE A 2"x4" MORTAR KEY UNLESS THE FIRST COURSE OF BLOCK IS SET AT THE SAME TIME THE FOOTING IS POURED.

1. BLOCK: ALL BLOCK MUST BE TYPE "N", GROUTED SOLID WITH F<sub>min</sub>=1,500PSI  
 2. CONCRETE MIX FOR FOOTINGS: F<sub>c</sub>=2,500 PSI MINIMUM  
 3. MORTAR MIX: MINIMUM COMPRESSIVE STRENGTH EQUAL TO 1,800 PSI MINIMUM  
 4. GROUT: MINIMUM COMPRESSIVE STRENGTH EQUAL TO 2,000 PSI MINIMUM (ALL CELLS TO BE GROUTED SOLID, U.N.O.)  
 5. MORTAR KEY: TO INSURE PROPER BONDING BETWEEN THE FOOTING AND THE FIRST COURSE OF BLOCK, A MORTAR KEY MUST BE FORMED BY EMBEDDING A FLAT 2"x4" FLUSH WITH AND AT THE TOP OF THE FRESHLY PLACED FOOTING. THE MORTAR KEY MAY BE OMITTED IF THE FIRST COURSE OF BLOCK IS SET INTO THE FRESH CONCRETE WHEN THE FOOTING IS PLACED AND A GOOD BOND IS OBTAINED.  
 6. WALL DRAINS: WALL DRAINS MUST BE PLACED AT 6-FOOT INTERVALS ALONG THE LENGTH OF THE WALL AND LOCATED JUST ABOVE THE LEVEL OF THE SOIL OR PAVING ON THE FRONT FACE OF THE WALL. THE DRAINS MAY BE FORMED BY PLACING A BLOCK ON ITS SIDE AT 6-FOOT INTERVALS, BY LEAVING OUT THE MORTAR IN THE VERTICAL SPACES BETWEEN ALL THE BLOCKS IN THE FIRST COURSE ABOVE THE SOIL OR PAVING (HEAD JOINT ON THE FRONT FACE OF THE WALL OR BY ANY OTHER ACCEPTABLE EQUIVALENT METHOD. BACKFILL BEHIND WALL DRAINS OR OPEN HEAD JOINTS MUST BE LOOSE RUBBLE OR GRAVEL AT LEAST 12" WIDE AND EXTENDING FROM THE TOP OF THE WALL TO THE FOOTING.  
 7. REINFORCING STEEL: REINFORCING STEEL MUST BE DEFORMED AND COMPLY WITH ASTM SPECIFICATION A615-65, GRADE 40 OR 60. WHEN ONE CONTINUOUS BAR CANNOT BE USED, A LAP OR SPLICE OF 40 DIAMETERS IS REQUIRED, U.N.O. UNLESS NOTED OTHERWISE, ONE #4 REINFORCING BAR MUST BE PLACED LONGITUDINALLY WITHIN THE WALL IN A BOND BEAM BLOCK EVERY 16" AS THE BLOCKS ARE LAID UP.

FIRE RATING: 1-HOUR  
 SOUND RATING STC: 45 TO 49  
 GYPSUM ASSOC. FILE NO.: WP 1200  
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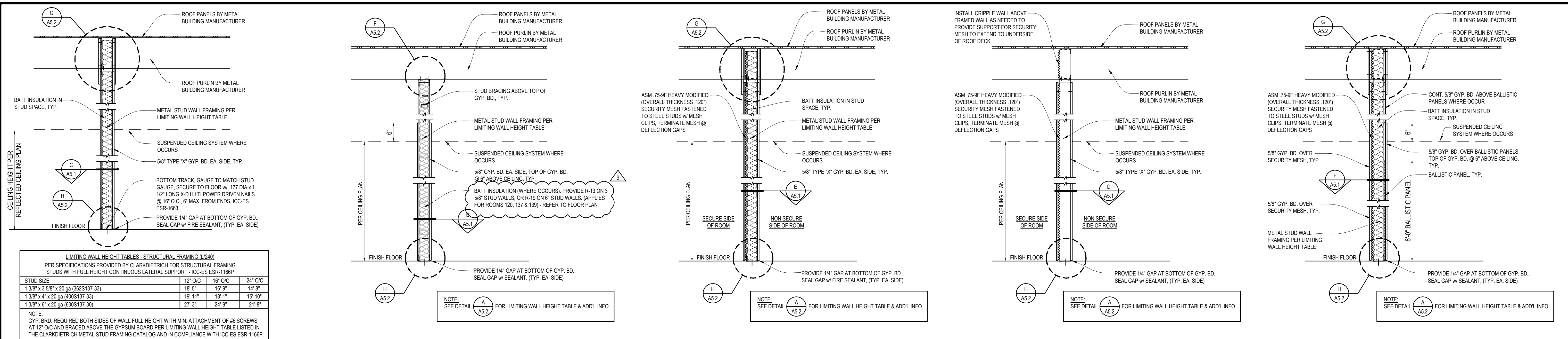
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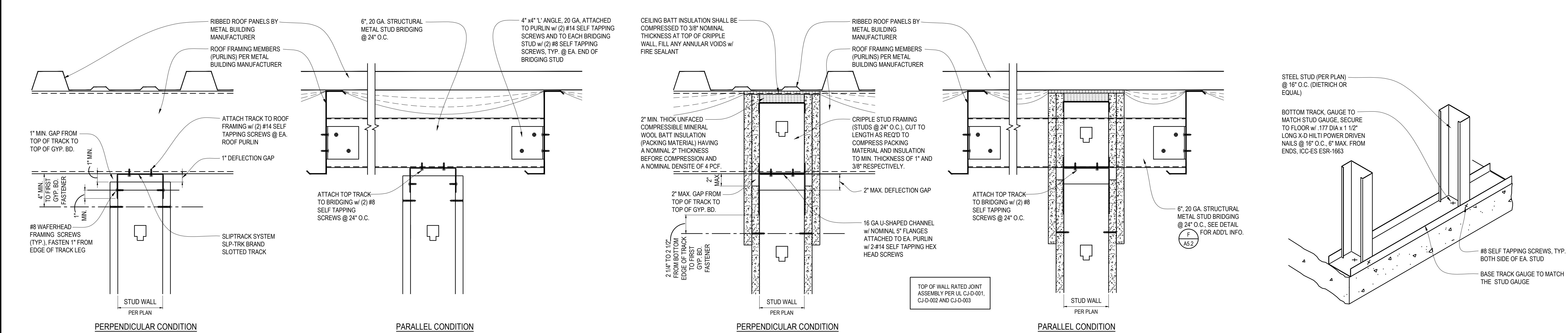
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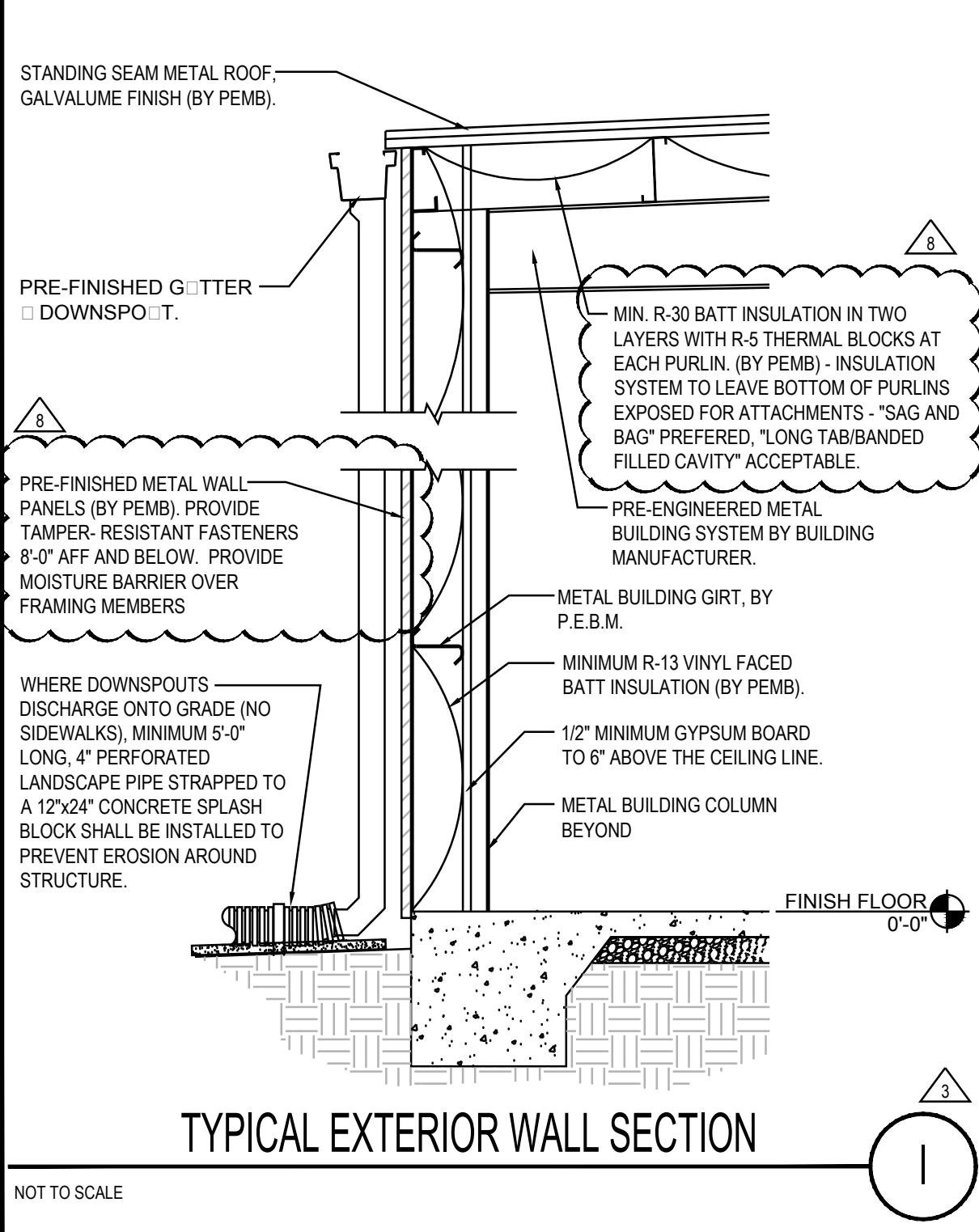
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**1-HOUR RATED WALL (FULL HEIGHT)** (A) **NON-RATED WALL (FULL HEIGHT)** (B) **1-HOUR RATED WALL w/ SECURITY MESH (FULL HEIGHT)** (C) **NON-RATED WALL w/ SECURITY MESH (FULL HEIGHT)** (D) **1 HR WALL w/ SECURITY MESH & BALLISTIC PANELS (FULL HEIGHT)** (E)



**HEAD OF WALL DETAILS** (F) **1 HR RATED - HEAD OF WALL DETAILS** (G) **BOTTOM TRACK CONNECTION DETAIL** (H)



**TYPICAL EXTERIOR WALL SECTION** (I)

**LIMITING WALL HEIGHT TABLES - STRUCTURAL FRAMING (I-240)**  
PER SPECIFICATIONS PROVIDED BY CLARKDIETRICH FOR STRUCTURAL FRAMING STUDS WITH FULL HEIGHT CONTINUOUS LATERAL SUPPORT - ICC-ES ESR-1166P

STUD SIZE	12" O/C	16" O/C	24" O/C
1 3/8" x 3 5/8" x 20 ga (362S137-33)	18'-5"	16'-9"	14'-8"
1 3/8" x 4" x 20 ga (403S137-33)	19'-11"	18'-1"	15'-10"
1 3/8" x 9" x 20 ga (603S137-30)	27'-3"	24'-9"	21'-9"

**NOTE:**  
GYP. BRD. REQUIRED BOTH SIDES OF WALL FULL HEIGHT WITH MIN. ATTACHMENT OF #6 SCREWS AT 12" O/C AND BRACED ABOVE THE GYPSUM BOARD PER LIMITING WALL HEIGHT TABLE LISTED IN THE CLARKDIETRICH METAL STUD FRAMING CATALOG AND IN COMPLIANCE WITH ICC-ES ESR-1166P.

3/4"=1'-0" 3/4"=1'-0" 3/4"=1'-0" 3/4"=1'-0" 3/4"=1'-0"

2"=1'-0" 2"=1'-0" NOT TO SCALE

3578 30th Street  
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CLIENT  
**COUNTY OF IMPERIAL PLANNING & DEV. SERVICES DEPT**  
801 MAIN STREET  
EL CENTRO, CA 92243  
(760) 482-4236

PROJECT

A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

NO.	DESCRIPTION	DATE
3	PLAN CHECK CHANGES	03-16-17
6	BD PLAN CHANGE	05-26-17
9	BD REVISIONS	06-07-17

SHEET TITLE  
**WALL DETAILS**

DATE: 02-15-12 SCALE: AS NOTED  
DRAWN BY: MM DATE: 09106-DEZ DWG.  
CHECKED BY: JR SHEET NUMBER:  
PROJECT NO: 15137 **A5.2**

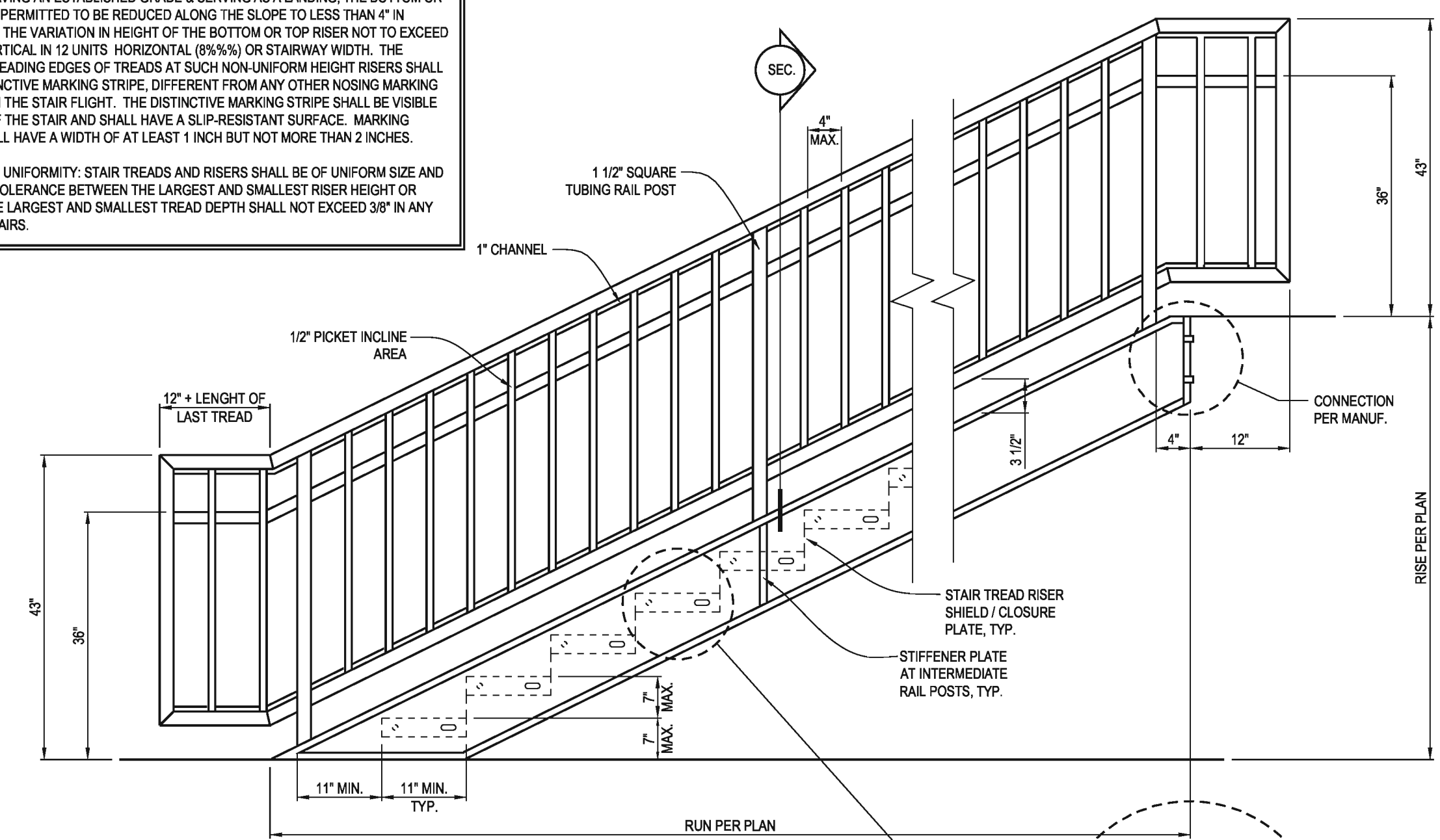


**SECTION 1009 - STAIRWAYS AND HANDRAILS**

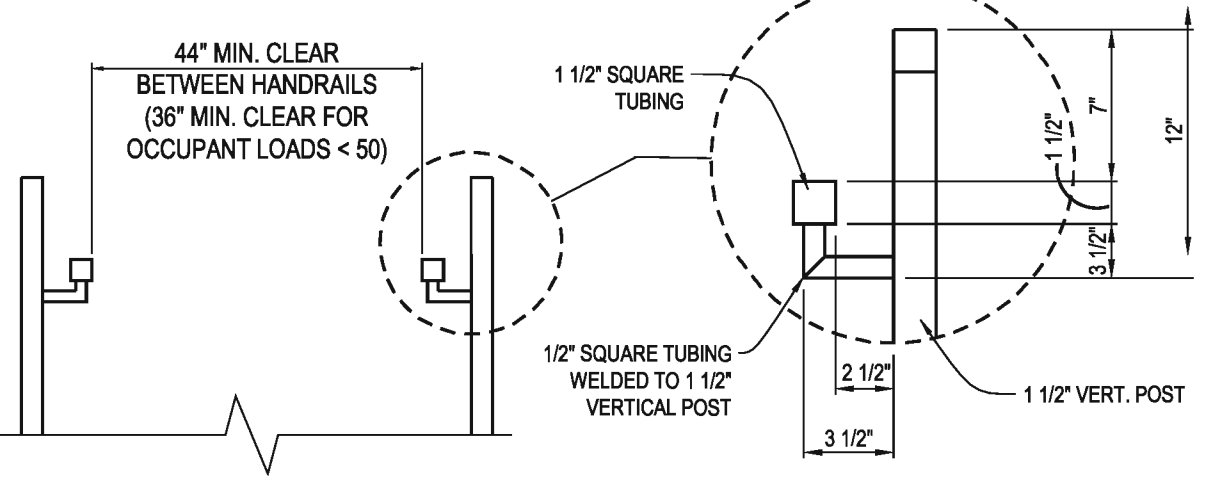
- 1009.1 Stairway Width:** The width of stairways shall not be less than 44 inches (1118 mm).  
 Exceptions: Stairways serving an occupant load of 50 or less shall have a width of not less than 36 inches (914 mm).
- 1009.2 Headroom:** Stairways shall have a minimum headroom clearance of 80 inches (2032 mm) measured vertically from a line connecting the edge of the nosings. Such headroom shall be continuous above the stairway to the point where the line intersects the landing below, one tread depth beyond the bottom riser. The minimum clearance shall be maintained the full width of the stairway and landing.
- 1009.3 Stair Treads and Risers:** Stair riser heights shall be 7 inches (178 mm) maximum and 4 inches (102 mm) minimum. Stair tread depths shall be 11 inches (279 mm) minimum. The riser height shall be measured vertically between the leading edges of adjacent treads. The greatest riser height within any flight of stairs shall not exceed the smallest by more than 0.375 inch (9.5 mm). The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 0.375 inch (9.5 mm).
- 1009.3.1 Dimensional Uniformity:** Stair treads and risers shall be of uniform size and shape. The tolerance between the largest and smallest riser or between the largest and smallest tread shall not exceed 0.375 inch (9.5 mm) in any flight of stairs.
- 1009.3.2 Profile:** The radius of curvature at the leading edge of the tread shall be not greater than 0.5 inch (12.7 mm). Beveling of nosings shall not exceed 0.5 inch (12.7 mm). Risers shall be solid and vertical or sloped from the underside of the leading edge of the tread above at an angle not more than 30 degrees (0.52 rad) from the vertical. The leading edge (nosings) of treads shall project not more than 1.25 inches (32 mm) beyond the tread below and all projections of the leading edges shall be of uniform size, including the leading edge of the floor at the top of a flight.
- 1009.4 Stairway Landings:** There shall be a floor or landing at the top and bottom of each stairway. The width of landings shall not be less than the width of stairways they serve. Every landing shall have a minimum dimension measured in the direction of travel equal to the width of the stairway. Such dimension need not exceed 48 inches (1219 mm) where the stairway has a straight run.
- 1009.5 Stairway Construction:** All stairways shall be built of materials consistent with the types permitted for the type of construction of the building, except that wood handrails shall be permitted for all types of construction.
- 1009.5.1 Stairway Walking Surface:** The walking surface of treads and landings of a stairway shall not be sloped steeper than one unit vertical in 48 units horizontal (2-percent slope) in any direction. Stairway treads and landings shall have a solid surface. Finish floor surfaces shall be securely attached.  
 Exception: In Group F, H and S occupancies, other than areas of parking structures accessible to the public, openings in treads and landings shall not be prohibited provided a sphere with a diameter of 1 1/8 inches (29 mm) cannot pass through the opening.
- 1009.5.2 Outdoor Conditions:** Outdoor stairways and outdoor approaches to stairways shall be designed so that water will not accumulate on walking surfaces. In other than occupancies in Group R-3, and occupancies in Group U that are accessory to an occupancy in Group R-3, treads, platforms and landings that are part of exterior stairways in climates subject to snow or ice shall be protected to prevent the accumulation of same.
- 1009.6 Vertical Rise:** A flight of stairs shall not have a vertical rise greater than 12 feet (3658 mm) between floor levels or landings.
- 1009.11 Handrails:** Stairways shall have handrails on each side.  
 Exceptions:  
 1. Aisle stairs complying with Section 1024 provided with a center handrail need not have additional handrails.  
 2. Stairways within dwelling units, spiral stairways and aisle stairs serving seating only on one side are permitted to have a handrail on one side only.  
 3. Decks, patios and walkways that have a single change in elevation where the landing depth on each side of the change of elevation is greater than what is required for a landing do not require hand rails.  
 4. In Group R-3 occupancies, a change in elevation consisting of a single riser at entrance or egress door does not require handrails.  
 5. Changes in room elevations of only one riser within dwelling units and sleeping units in Group R-2 and R-3 occupancies do not require handrails.
- 1009.11.1 Handrail Height:** Handrail height, measured above stair tread nosings, or finish surface of ramp slope, shall be uniform, not less than 34 inches (864 mm) and not more than 38 inches (965 mm).
- 1009.11.2 Intermediate Handrails:** Intermediate hand rails are required so that all portions of the stairway width required for egress capacity are within 30 inches (762 mm) of a handrail. On monumental stairs, handrails shall be located along the most direct path of egress travel.
- 1009.11.3 Handrail Grasability:** Handrails with circular cross section shall have an outside diameter of at least 1.25 inches (32 mm) and not greater than 2 inches (51 mm) or shall provide equivalent grasability. If the handrail is not circular, it shall have a perimeter dimension of at least 4 inches (102 mm) and not greater than 6.25 inches (160 mm) with a maximum cross-section dimension of 2.25 inches (57 mm). Edges shall have a minimum radius of 0.01 inch (0.25 mm).
- 1009.11.4 Handrail Continuity:** Handrail-grasping surfaces shall be continuous, without interruption by newel posts or other obstruction.  
 Exceptions:  
 1. Handrails within dwelling unit are permitted to be interrupted by a newel post at a stair landing.  
 2. Within a dwelling unit, the use of a volute, turnout or starting nosing is allowed on the lowest tread.  
 3. Handrail brackets or balusters attached to the bottom surface of the handrail that do not project horizontally beyond the sides of the handrail within 1.5 inches (38 mm) of the bottom of the handrail shall not be considered to be obstructions and provided further that for each 0.5 inch (13 mm) of additional handrail perimeter dimension above 4 inches (102 mm), the vertical clearance dimension of 1.5 inches (38 mm) shall be permitted to be reduced by 0.125 inch (3 mm).
- 1009.11.5 Handrail Extensions:** Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight. Where handrails are not continuous between flights, the handrails shall extend horizontally at least 12 inches (305 mm) beyond the top riser and continue to slope for the depth of one tread beyond the bottom riser.  
 Exceptions:  
 1. Handrails within a dwelling unit that is not required to be accessible need extend only from the top riser to the bottom riser.  
 2. Aisle handrails in Group A occupancies in accordance with Section 1024.13.
- 1009.11.6 Clearance:** Clear space between a handrail and a wall or other surface shall be a minimum of 1.5 inches (38 mm). A handrail and a wall or other surface adjacent to the handrail shall be free of any sharp or abrasive elements.
- 1009.11.7 Stairway Projections:** Projections into the required width at each handrail shall not exceed 4.5 inches (114 mm) at or below the handrail height. Projections into the required width shall not be limited above the minimum headroom height required in Section 1009.2.

**NOTES:**

- WHERE THE BOTTOM OR TOP RISER ADJOINS A SLOPING PUBLIC WAY, WALKWAY OR DRIVEWAY HAVING AN ESTABLISHED GRADE & SERVING AS A LANDING, THE BOTTOM OR TOP RISER IS PERMITTED TO BE REDUCED ALONG THE SLOPE TO LESS THAN 4" IN HEIGHT, WITH THE VARIATION IN HEIGHT OF THE BOTTOM OR TOP RISER NOT TO EXCEED ONE UNIT VERTICAL IN 12 UNITS HORIZONTAL (8.33%) OR STAIRWAY WIDTH. THE NOSING OR LEADING EDGES OF TREADS AT SUCH NON-UNIFORM HEIGHT RISERS SHALL HAVE A DISTINCTIVE MARKING STRIPE, DIFFERENT FROM ANY OTHER NOSING MARKING PROVIDED ON THE STAIR FLIGHT. THE DISTINCTIVE MARKING STRIPE SHALL BE VISIBLE IN DECENT OF THE STAIR AND SHALL HAVE A SLIP-RESISTANT SURFACE. MARKING STRIPES SHALL HAVE A WIDTH OF AT LEAST 1 INCH BUT NOT MORE THAN 2 INCHES.
- DIMENSIONAL UNIFORMITY: STAIR TREADS AND RISERS SHALL BE OF UNIFORM SIZE AND SHAPE. THE TOLERANCE BETWEEN THE LARGEST AND SMALLEST RISER HEIGHT OR BETWEEN THE LARGEST AND SMALLEST TREAD DEPTH SHALL NOT EXCEED 3/8" IN ANY FLIGHT OF STAIRS.



**STAIR / HANDRAIL ELEVATION**

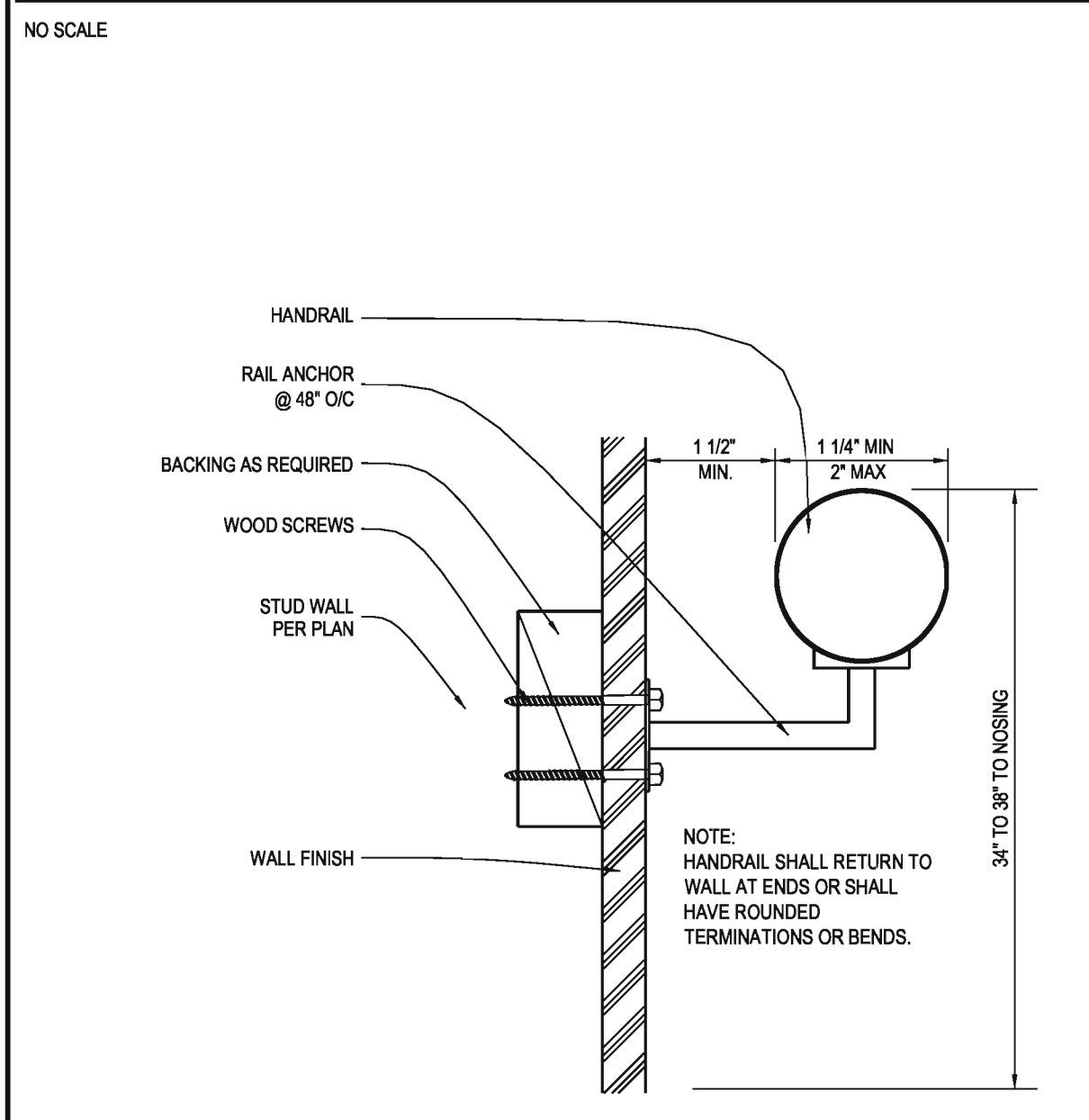


**HANDRAIL SECTION**

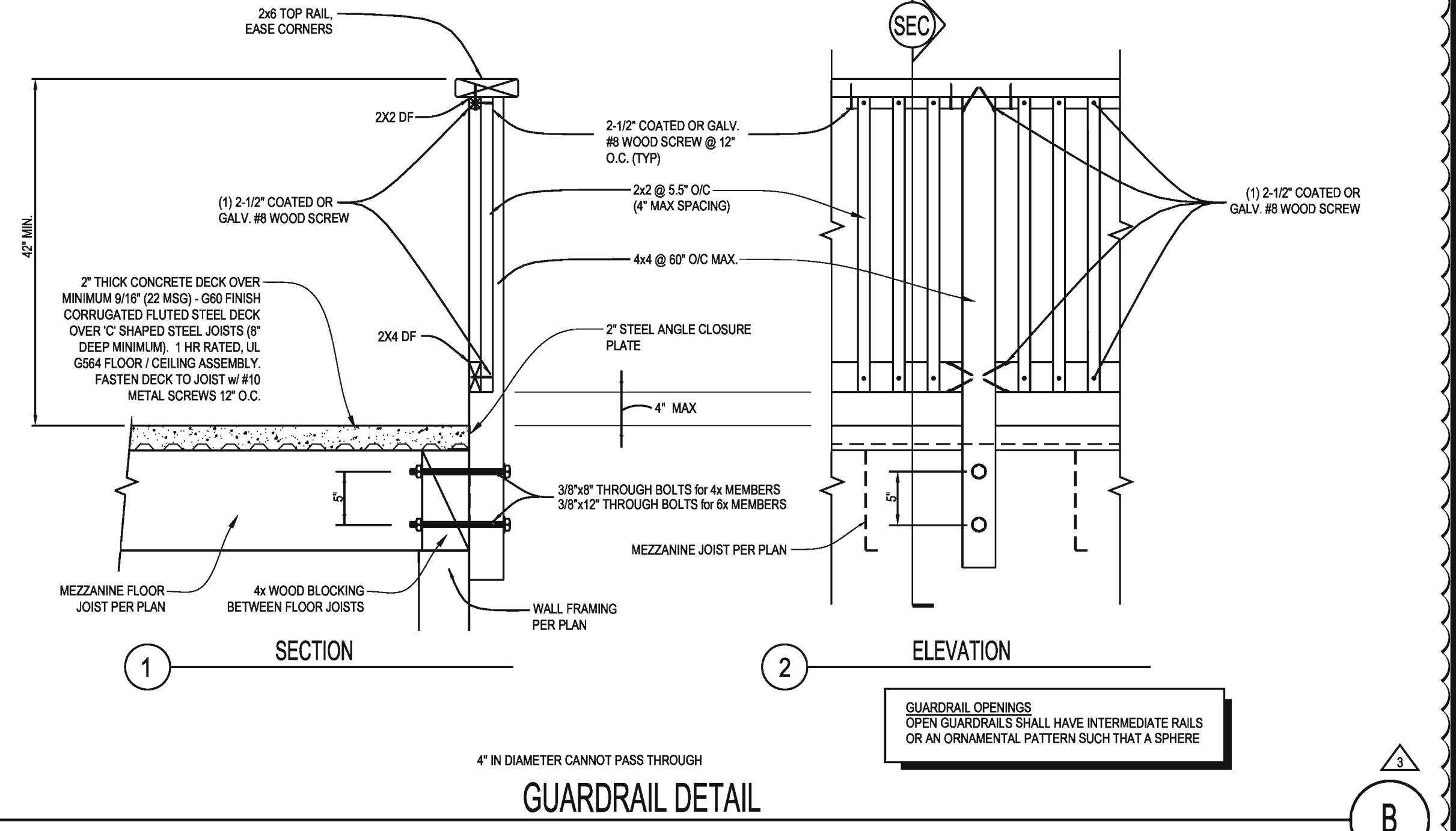
**SECTION 1012 - GUARDS**

- 1012.1 Where Required:** Guards shall be located along open-sided walking surfaces, mezzanines, industrial equipment platforms, stairways, ramps and landings which are located more than 30 inches (762 mm) above the floor or grade below. Guards shall be adequate in strength and attachment in accordance with Section 1607.7. Guards shall also be located along glazed sides of stairways, ramps and landings that are located more than 30 inches (762 mm) above the floor or grade below where the glazing provided does not meet the strength and attachment requirements in Section 1607.7.  
 Exception: (Guards are not required for the following locations)  
 1. On the loading side of loading docks or piers.  
 2. On the audience side of stages and raised platforms, including steps leading up to the stage and raised platforms.  
 3. On raised stage and platform floor areas such as runways, ramps and side stages used for enter tainment or presentations.  
 4. At vertical openings in the performance area of stages and platforms.  
 5. At elevated walking surfaces appurtenant to stages and platforms for access to and utilization of special lighting or equipment.  
 6. Along vehicle service pits not accessible to the public.  
 7. In assembly seating where guards in accordance with Section 1024.14 are permitted and provided.
- 1012.2 Height:** Guards shall form a protective barrier not less than 42 inches (1067 mm) high, measured vertically to the top of the leading edge of the tread, adjacent walking surface or adjacent seat board.  
 Exceptions:  
 1. For occupancies in Group R-3, and within individual dwelling units in occupancies in Group R-2, both as applicable in section 101.2, guards whose top rail also serves as a handrail shall have a height not less than 34 inches (864 mm) and not more than 38 inches (965 mm).  
 2. The height in assembly seating areas shall be in accordance with Section 1024.14.

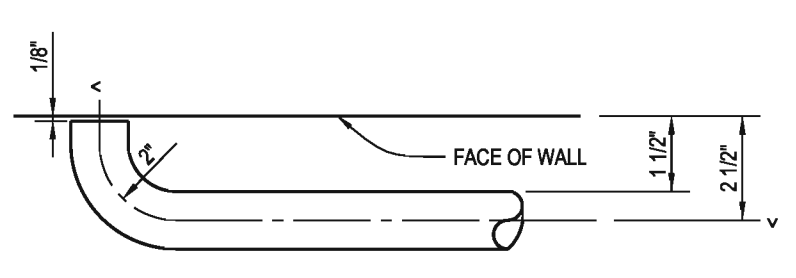
**PREFABRICATED STAIR REQUIREMENTS**



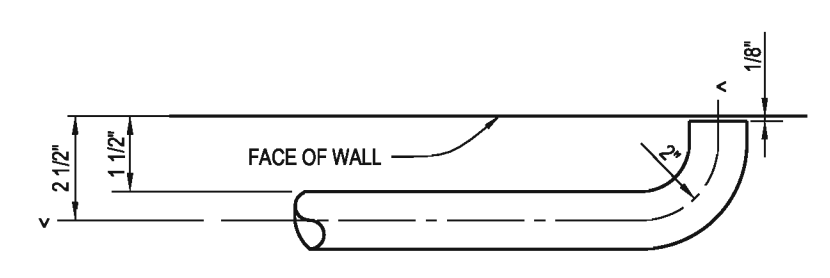
**HANDRAIL DETAIL**



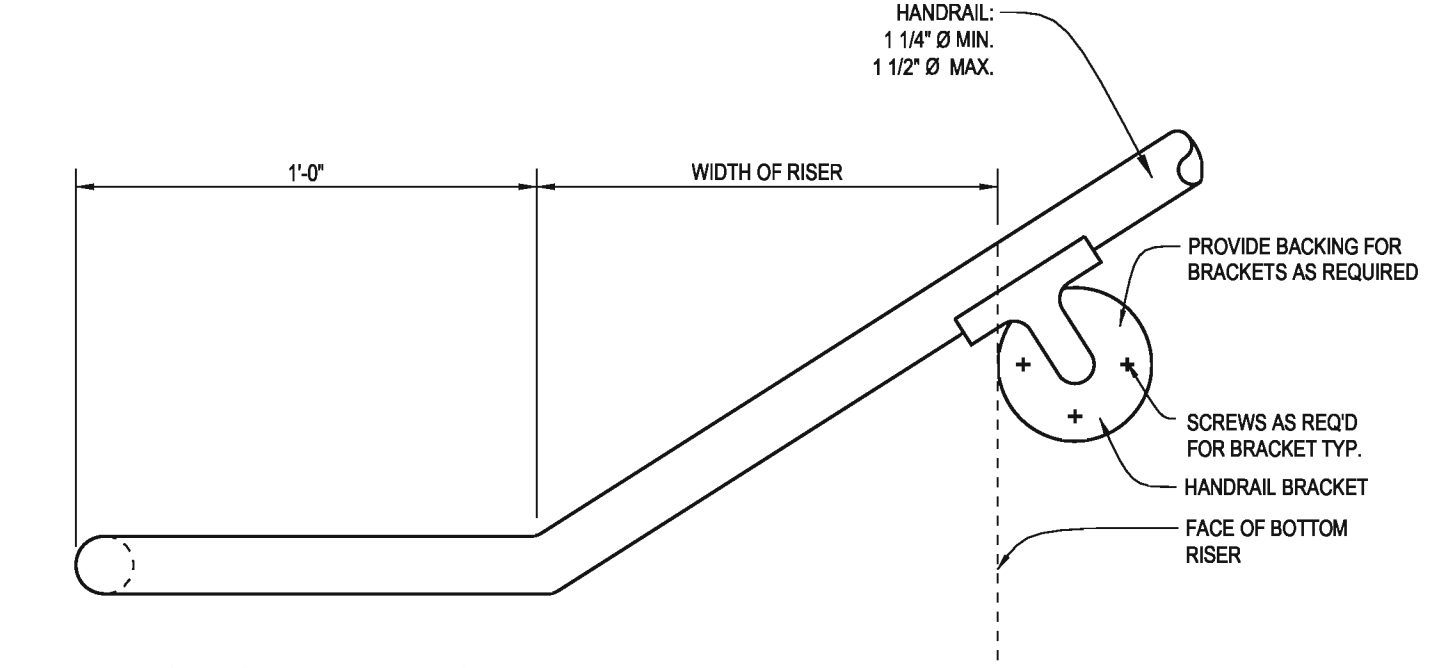
**GUARDRAIL DETAIL**



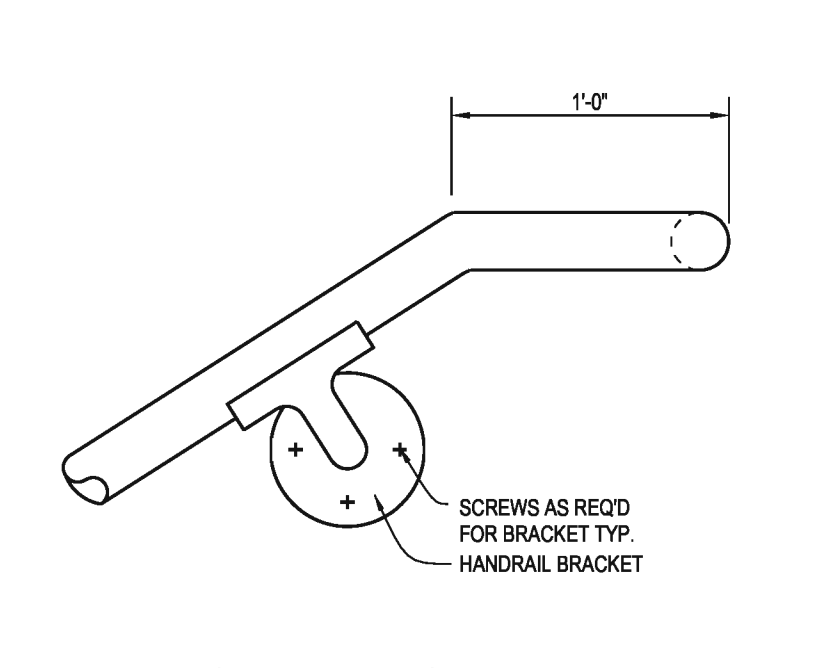
**BOTTOM PLAN**



**TOP PLAN**



**BOTTOM ELEVATION**



**TOP ELEVATION**

**PIPE HANDRAIL RETURN**



**D**

**MPA ARCHITECTS, INC.**  
 3578 30th Street  
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CLIENT  
**COUNTY OF IMPERIAL  
 PLANNING & DEV.  
 SERVICES DEPT**  
 801 MAIN STREET  
 EL CENTRO, CA 92243  
 (760) 482-4236

PROJECT

A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN  
 PUBLIC SAFETY FACILITY**  
 WINTERHAVEN, CA

REVISIONS		
NO.	DESCRIPTION	DATE
3	PLAN CHECK CHANGES	03-10-17

**UNLICENSED ARCHITECT**  
 JUDITH RUMSEY  
 C 26819  
 Exp. 3-31-2017  
 STATE OF CALIFORNIA

SHEET TITLE  
**STAIR & HANDRAIL  
 DETAILS**

DATE:	01-15-17	SCALE:	AS NOTED
DRAWN BY:	MM	DATABASE:	15137_A5.3.DWG
CHECKED BY:	JR	SHEET NUMBER:	
PROJECT NO:	15137		<b>A5.3</b>

**SINGLE ACCOMMODATION TOILETS**

**Definition: Single-Accommodation Sanitary Facility.**  
Single-accommodation sanitary facility is a room that has not more than one of each type of sanitary fixture, is intended for use by only one person at a time, has no partition around the toilet and has a door that can be locked on the inside by the room occupant.

**Accessible Fixtures.**  
Single-accommodation toilet facilities shall provide one accessible water closet and one accessible lavatory.

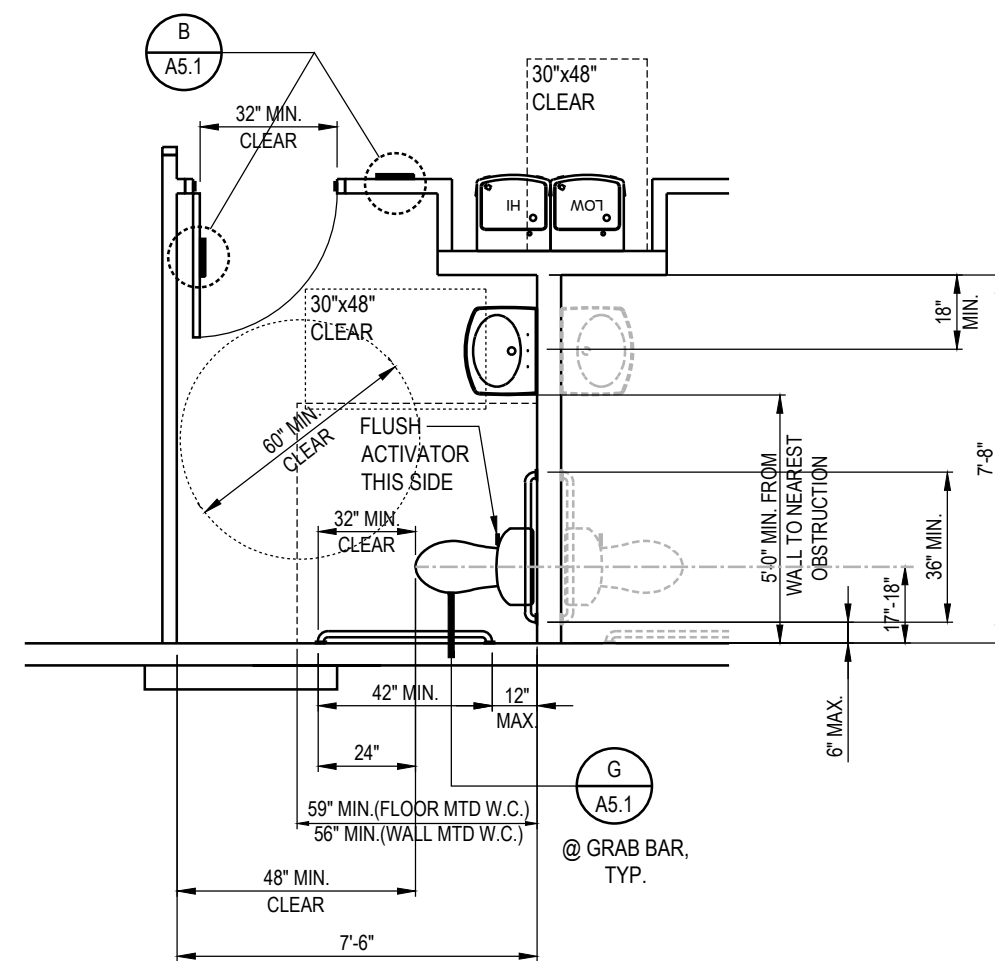
**Clear Floor Space at Fixtures.**  
Doors shall not swing into the clear floor space required for any fixture.

**Accessible Route.**  
All doors, fixtures and controls shall be on an accessible route.

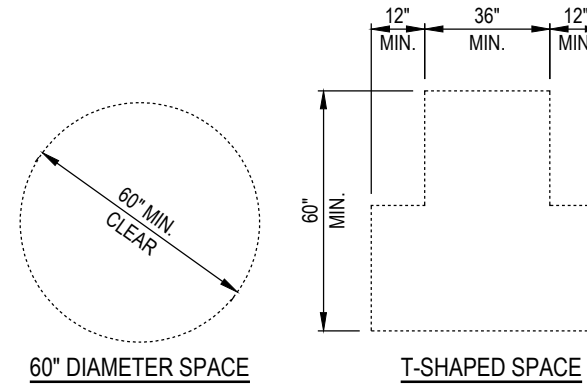
- Privacy Latch.**  
The entrance door to a single-accommodation toilet room shall contain a privacy latch.
- Except at doors, the minimum clear width of the accessible route(s) is 36".
  - When the accessible route makes a 180-degree turn around an obstruction that is less than 48" wide, the clear width is 42" minimum approaching the turn, 45" minimum at the turn and 42" minimum leaving the turn.
  - When the accessible route makes a 180-degree turn around an obstruction that is a minimum of 60" wide, the clear width is 36" minimum approaching the turn, 60" minimum at the turn and 36" minimum leaving the turn.
  - The entry door has a privacy latch (push button-lever release recommended).
  - The entrance door to the single-accommodation restroom is accessible.
  - Sufficient space is provided for a wheelchair measuring 30" wide x 48" long to enter the room and permit the door to close.
  - A clear space of sufficient size to inscribe a 60" diameter circle, or a T-shaped clear space, is provided within the sanitary facility room.

- The clear space is clear of objects from the floor to a height of 27".
- No door encroaches more than 12" into the required clear space.
- The centerline of the water closet is located at 18" distance from the side-wall or partition.
- If the water closet is NOT ADJACENT to another fixture, a minimum 32" wide clear floor space is provided from the opposite-side wall or partition to the side of the water closet, and extends from the rear wall to the front of the water closet.
- If the water closet is ADJACENT to another fixture, a minimum 28" wide clear floor space is provided from the side of the water closet to the adjacent fixture, and extends from the rear wall to the front of the water closet.
- A minimum 60" wide and 48" deep clear floor space is provided in front of the water closet.
- The top of the toilet seat is 17"-19" from floor surface measured to the top of a maximum 2" high toilet seat.
- The flush valve is on the wide side of the toilet area.
- The flush valve is a maximum of 44" distance above the floor.
- Water closet controls are operable with one hand and do not require tight grasping, pinching or twisting.
- 5 lb maximum force is required to operate the flush valve.
- Walls within compartment are smooth, hard and non-absorbent to 48" in height, and are not adversely affected by moisture (Portland cement, concrete, ceramic tile or other approved material).
- Toilet room floor surfaces are smooth, hard and non-absorbent extending upward a minimum of 5" onto walls (Portland cement, concrete, ceramic tile or other approved material).
- Grab bars within the accessible compartment are provided on the side wall closest to the water closet and on the rear wall.

- The side grab bar(s) is a minimum of 42" in length.
- The side grab bar begins a maximum of 12" from the rear wall.
- The front end of the side grab bar is positioned a minimum of 24" in front of the water closet.
- The front end of the side grab bar is located a minimum of 54" from the rear wall.
- The side grab bar does not project more than 3" into the required clear floor space.
- The side grab bar is securely attached and is mounted at 33" to the center of the bar above and parallel to floor.
- Rear grab bar(s) a minimum 36" long.
- The rear grab bar extends from the centerline of the water closet 12" minimum on one side and 24" minimum on the other side.
- The rear grab bar does not project more than 3" into the required clear floor space.
- The rear grab bar is securely attached and is mounted at 33" to the center of the bar above and parallel to floor (for tank type toilets, 36" may be allowed if tank obstructs placement of bar).
- The space between the rear grab bar and the top of the toilet tank is a minimum of 1-1/2".
- The diameter or width of the gripping surface of the grab bar(s) are 1-1/4" to 1-1/2" or the shape provides an equivalent gripping surface.
- The clearance between the grab bar(s) and wall is 1-1/2".
- Minimum structural strength of grab bar(s) will support a 250 lb. point load.
- The grab bar(s) and any wall or other surface adjacent to it is free of any sharp or abrasive elements.
- Any edges on the grab bar(s) have a minimum radius of 1/8".
- Grab bars do not rotate within their fittings.
- The toilet paper dispenser is located on the side wall below the grab bar within 7" to 9" of the front edge of the toilet seat.
- The toilet paper dispenser is mounted at a minimum height of 19" from the floor to the centerline of the dispenser.
- The toilet paper dispenser is mounted a maximum distance of 36" from the rear wall to the front of the dispenser.
- The toilet paper dispenser allows for continuous paper flow and does not control delivery.

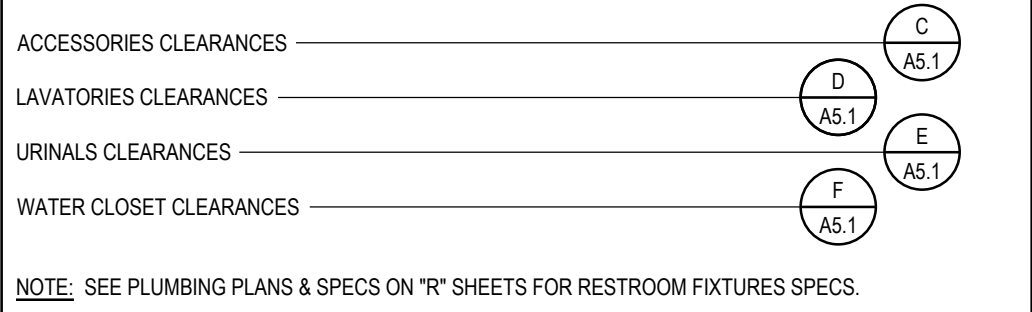


- NOTES:**
- REGARDLESS OF STALL CONFIGURATION, A 48" LONG MINIMUM CLEARANCE FLOOR SPACE SHALL BE PROVIDED IN FRONT OF THE WATER CLOSET.
  - INTERIOR DIMENSIONS OF SINGLE ACCOMMODATION TOILET ROOMS SHALL INCLUDE A CLEAR FLOOR SPACE OF AT LEAST 60" IN DIAMETER OR A T-SHAPED CLEAR SPACE. NO DOOR MAY ENCRUSH INTO THIS REQUIRED SPACE BY MORE THAN 12".



**1 SINGLE ACCOMMODATION TOILET CLEARANCES**

- NOTES:**
- ALL PLAN VIEW DIMENSIONS ARE TO "FINISH SURFACE", U.N.O.
  - F.R.P. (TO 48" AFF) OVER GREEN BOARD SHALL BE PROVIDED ON ALL WALLS WITHIN 24" OF THE FRONT AND SIDES OF WATER CLOSETS AND URINALS, U.N.O.
  - PROVIDE BLOCKING FOR ALL ACCESSORIES AND ANCHOR WITH TOGGLE BOLTS OR LAG SCREWS - NO PLASTIC EXPANSION SHIELDS.
  - PROVIDE WALL BUMPER (ROCKWOOD #400) AT TOILET DOORS WHERE THEY CAN CONTACT WALLS.
  - REFER TO PLUMBING DRAWINGS FOR SPECS OF ALL WATER CLOSETS, LAVATORIES AND URINALS.
  - ALL EXPOSED PIPING TO BE INSULATED AS PER ADA REQUIREMENTS.
  - ALL ITEMS IN THE RESTROOM THAT ARE STATED TO BE PROVIDED BY OWNER ARE TO BE INSTALLED BY G.C. UNLESS NOTED OTHERWISE.



NOTE: SEE PLUMBING PLANS & SPECS ON "R" SHEETS FOR RESTROOM FIXTURES SPECS.

**SHOWERS**  
**Bathing and Shower Facilities**

Where facilities for bathing are provided for the public, clients or employees, including showers or bathtubs, at least one shower or bathtub and support facilities such as lockers, and not less than 1 percent (1%) of facilities, shall be accessible.

**Orientation** - Where, within the same functional area, two or more accessible showers are provided, there shall be at least one shower constructed opposite hand from the other or others (i.e., one left hand controls vs. right hand controls).

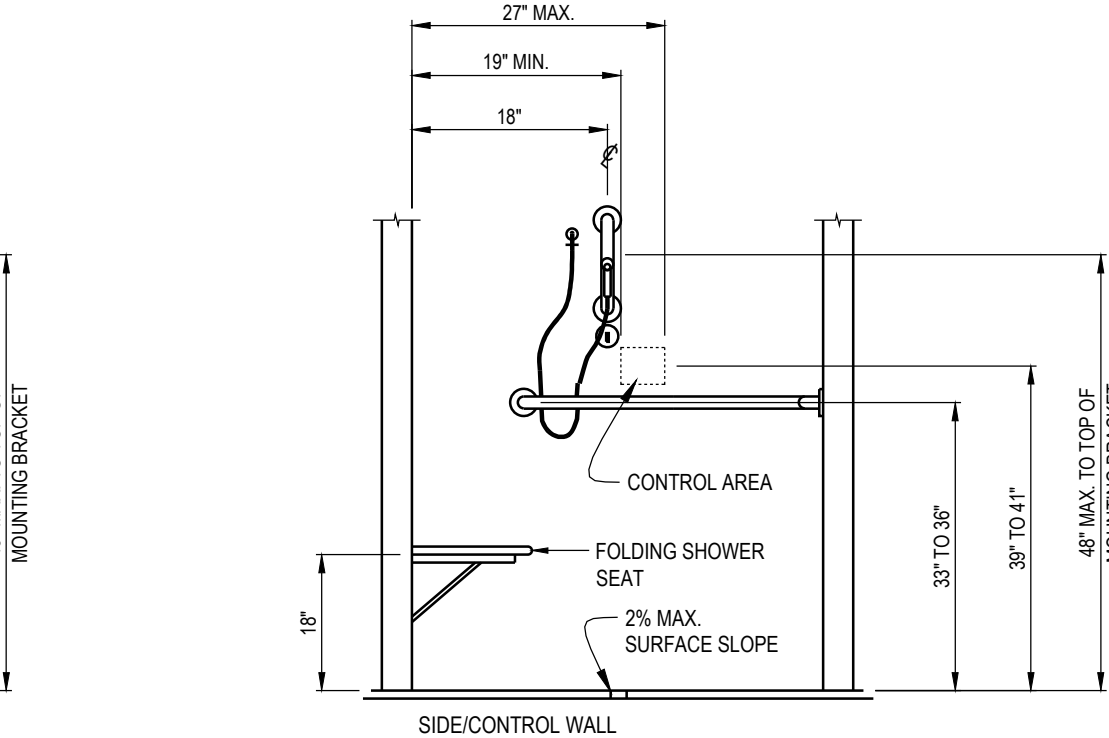
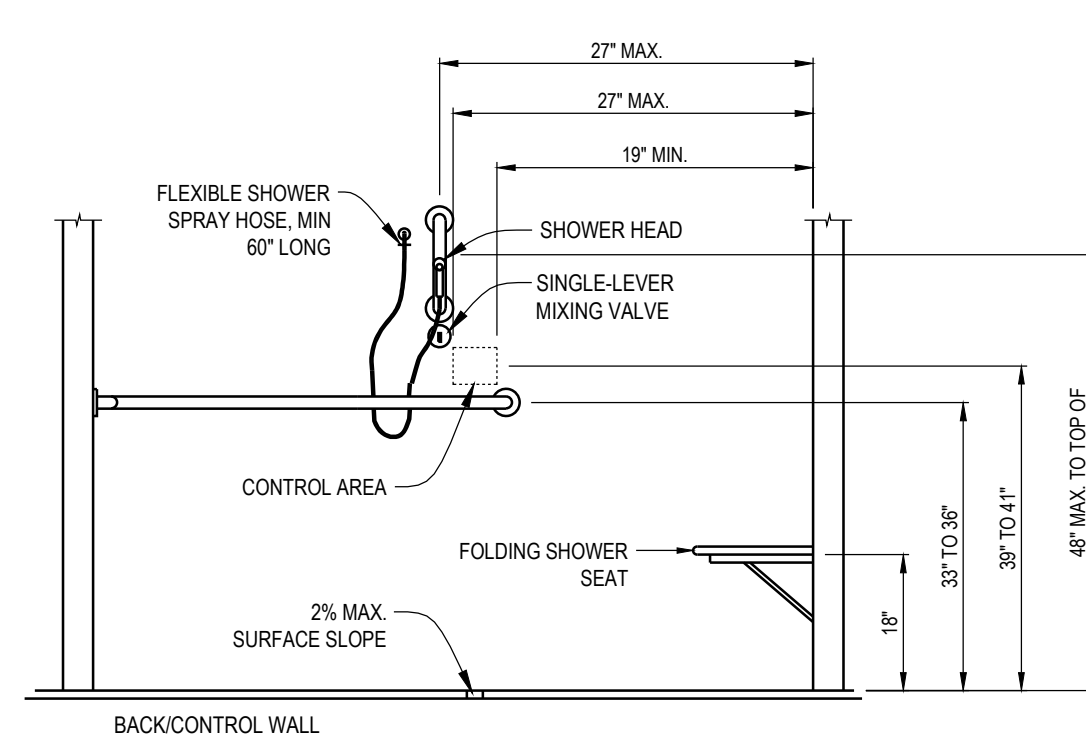
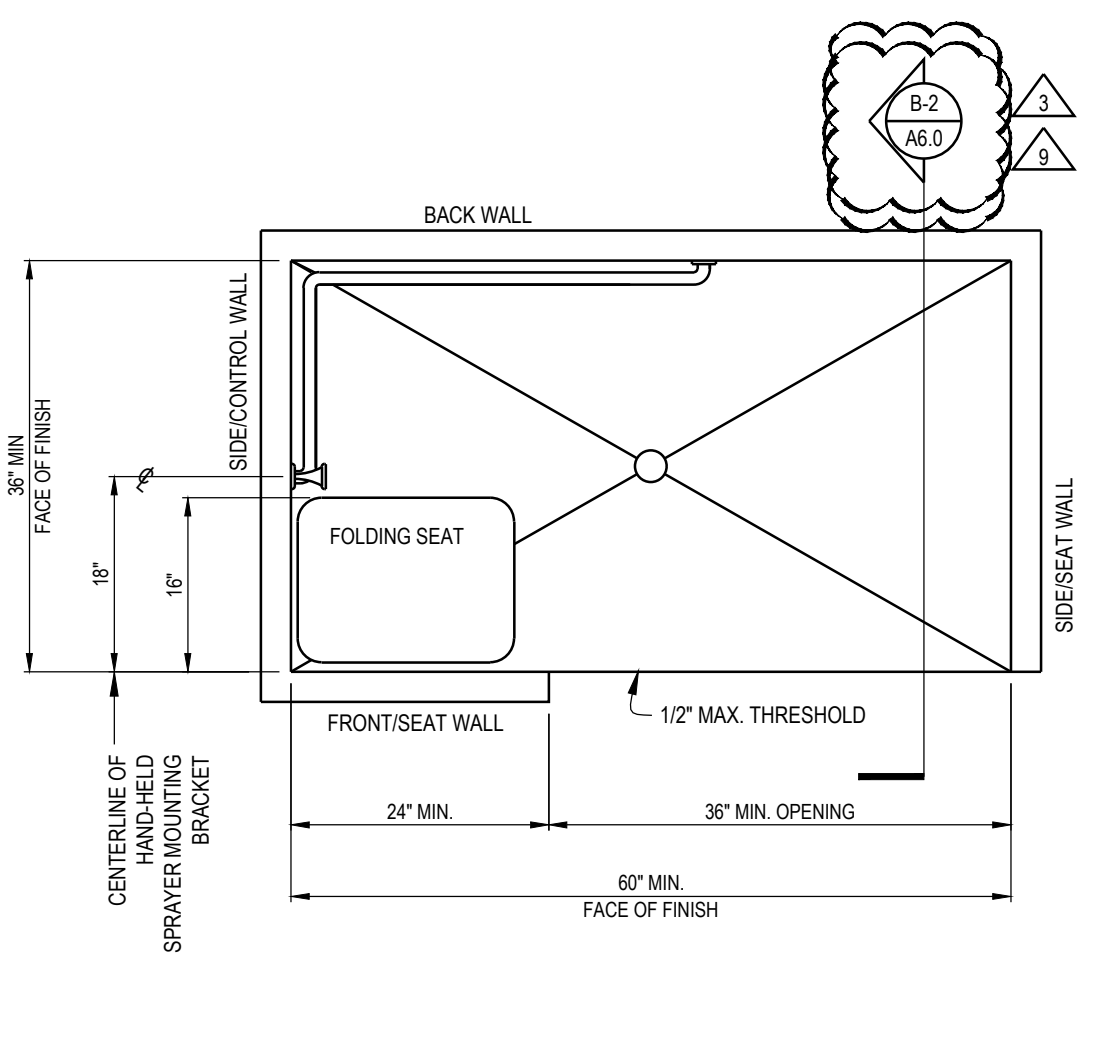
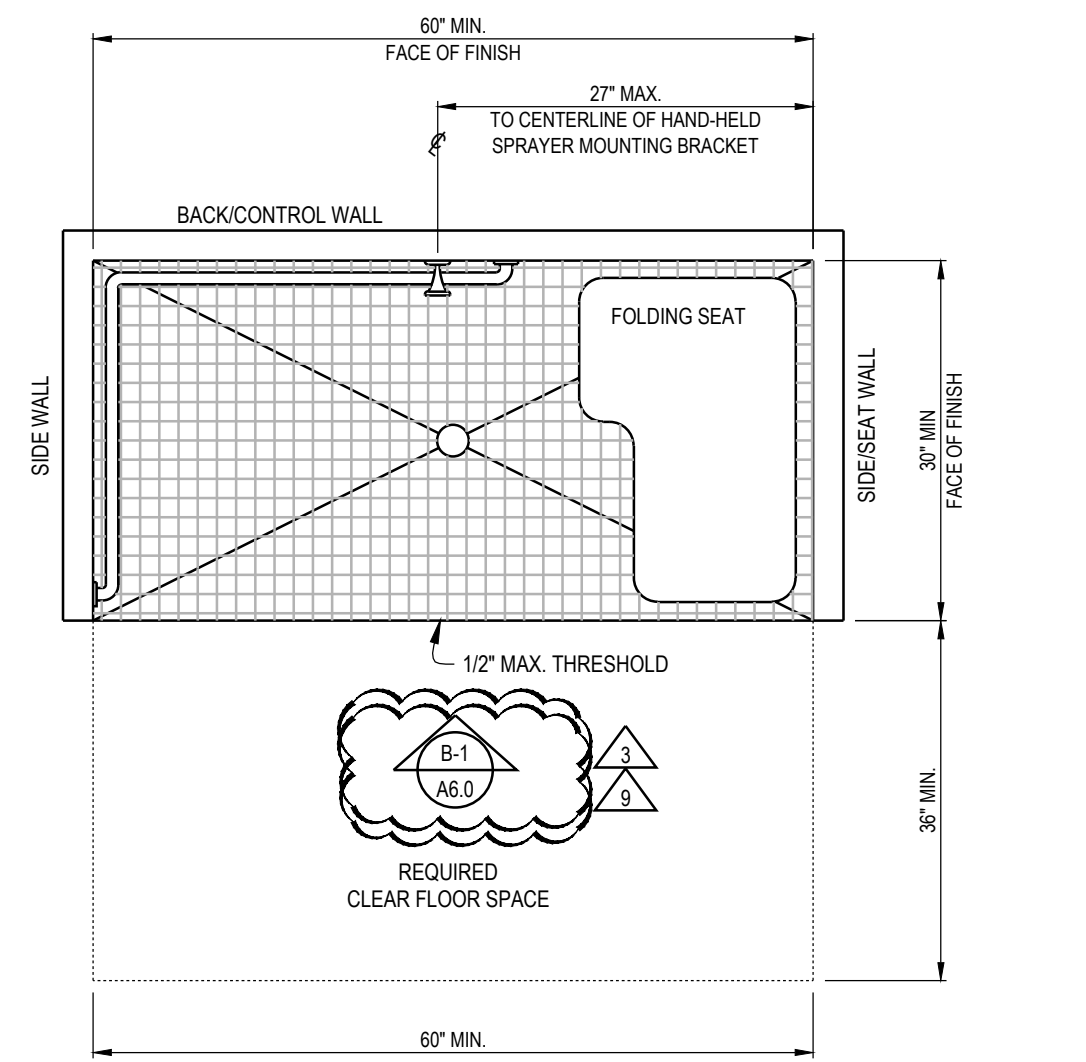
**Sprayer unit alternative.** Except within guest rooms and suites in hotels, motels and similar transient lodging establishments where accessible shower facilities are provided in areas subject to excessive vandalism, in lieu of providing the fixed flexible hose, two wall mounted shower heads shall be installed. Each shower head shall be installed so that it can be operated independently of the other and shall have swivel angle adjustments, both vertically and horizontally. One shower head shall be located at a height of 48" above the floor.

- ROLL-IN SHOWER - 60" MIN. WIDTH x 30" MIN. DEPTH SHOWER STALL DESIGN**
- The roll-in shower is a minimum 60" in width between wall surfaces and a minimum 30" in depth with a full opening width on the long side.
  - A minimum 36" x 60" clear floor space adjoins the compartment.
  - Water valve control is single lever design.
  - Centerline of control is located on the back wall of the compartment adjacent to the seat within a reach range of no less than 19" and no more than 27" from the seat wall.
  - The centerline of the shower controls are located at 40" above the shower floor.
  - The force required to operate the controls is 5 lb. maximum.
  - The controls are operable with one hand and do not require tight grasping, pinching or twisting of the wrist.
  - 5 lb. maximum operating force.
  - A flexible hand held sprayer unit with a hose at least 60" long that can be used both as a fixed shower head and as a hand-held shower is provided and mounted such that the top of the mounting bracket is at a maximum height of 48" above the shower floor.
  - The hand-held sprayer unit is located on the back wall of the compartment adjacent to the seat, and the centerline of the unit is no more than 27" from the seat wall.

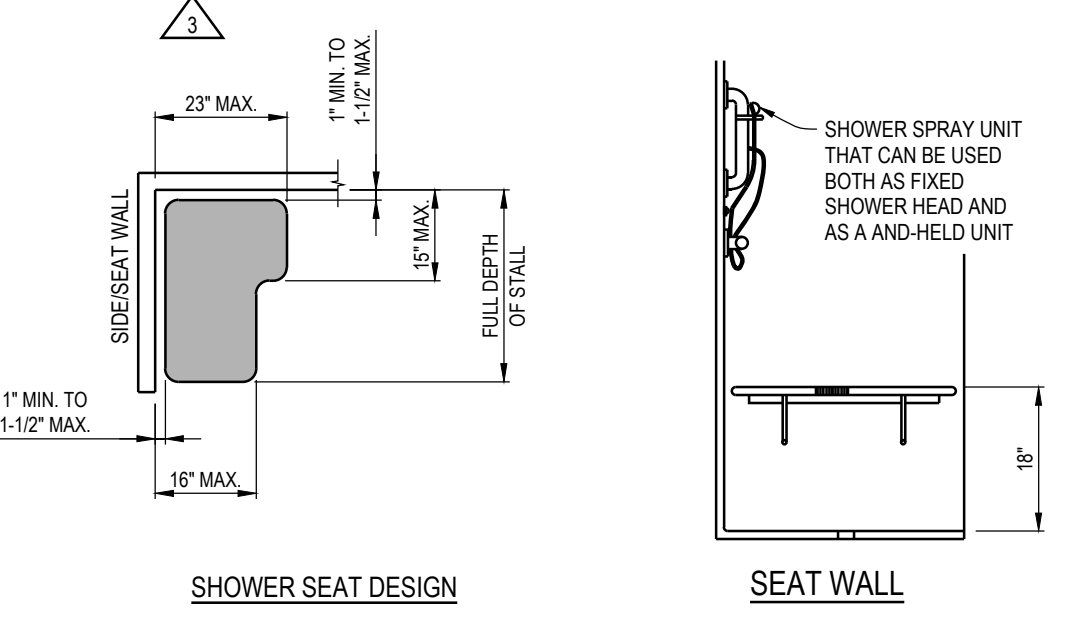
- ALTERNATE ROLL-IN SHOWER - 60" MIN. WIDTH x 36" MIN. DEPTH SHOWER STALL DESIGN**
- The roll-in shower is a minimum 60" in width between wall surfaces and a minimum 36" in depth with an entrance opening width of 36" minimum.
  - A minimum 36" wide clear floor space adjoins the shower seat to allow for parallel travel.
  - Water valve control is single lever design.
  - Centerline of control is located on the side wall of the compartment adjacent to the seat within a reach range of no less than 19" and no more than 27" from the seat wall.
  - The centerline of the shower controls are located at 40" above the shower floor.
  - The force required to operate the controls is 5 lb. maximum.
  - The controls are operable with one hand and do not require tight grasping, pinching or twisting of the wrist.
  - 5 lb. maximum operating force.
  - A flexible hand held sprayer unit with a hose at least 60" long that can be used both as a fixed shower head and as a hand-held shower is provided and mounted such that the top of the mounting bracket is at a maximum height of 48" above the shower floor.
  - The hand-held sprayer unit is located on the side wall of the compartment adjacent to the seat, and the centerline of the unit is 18" from the seat wall.

- ALTERNATE ROLL-IN SHOWER WITH OPTIONAL ENCLOSURE - 60" MIN. WIDTH x 36" MIN. DEPTH SHOWER STALL DESIGN**
- The roll-in shower is a minimum 60" in width between wall surfaces and a minimum 36" in depth with an entrance opening width of 36" minimum.
  - A minimum 36" x 60" clear floor space adjoins the compartment.
  - Water valve control is single lever design.
  - Centerline of control is located on the back wall of the compartment adjacent to the seat within a reach range of no less than 19" and no more than 27" from the seat wall.
  - The centerline of the shower controls are located 40" above the shower floor.
  - The force required to operate the controls is 5 lb maximum.
  - The controls are operable with one hand and do not require tight grasping, pinching or twisting of the wrist.
  - 5 lb. maximum operating force.
  - A flexible hand held sprayer unit with a hose at least 60" long that can be used both as a fixed shower head and as a hand-held shower is provided and mounted such that the top of the mounting bracket is at a maximum height of 48" above the shower floor.
  - The hand-held sprayer unit is located on the back wall of the compartment adjacent to the seat, and the centerline of the unit is no more than 27" from the seat wall.

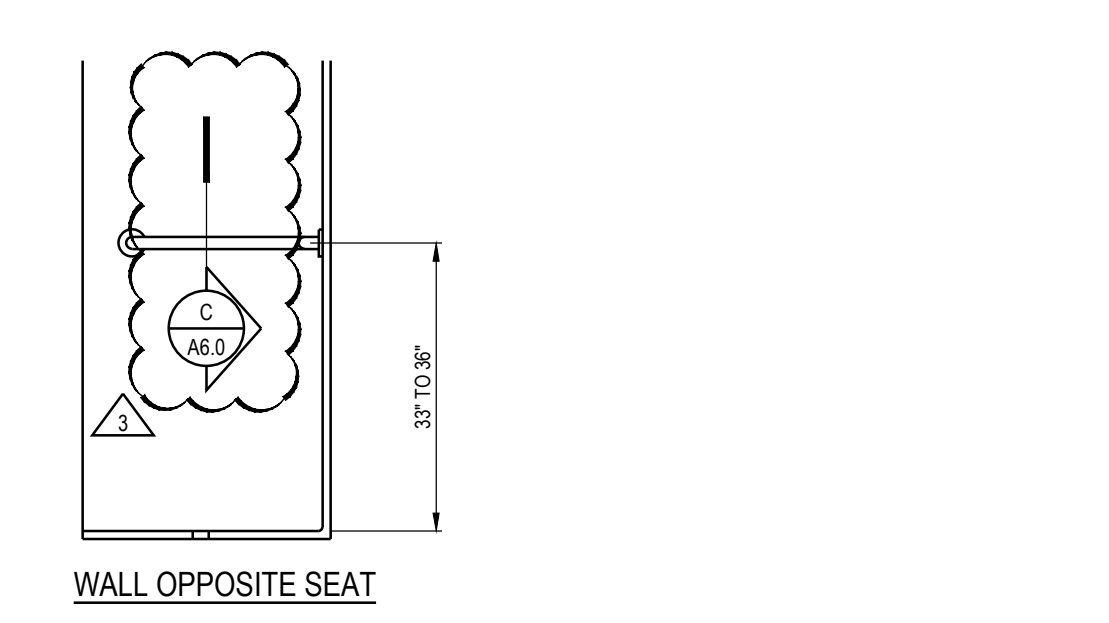
- ADDITIONAL REQUIREMENTS IN EACH SHOWER STALL DESIGN**
- The maximum surface slope of the floor does not exceed 1:50 (2%) in any direction, pening
  - Where drains are provided, grate openings are a maximum of 1/4" and located flush with the floor surface.
  - A folding seat is mounted 18" above the floor, with a minimum space of 1" and a maximum space of 1-1/2" allowed between the edge of the seat and any wall.
  - When folded, the shower seat does not extend more than 6 inches (6") from the mounting wall.
  - Seat extends the full required depth of stall.
  - Wide portion of seat extends a maximum of 15" from adjacent wall.
  - Wide portion of seat extends a maximum of 23" from the mounting (back) wall.
  - Narrow portion of seat extends a maximum of 16" from the mounting (back) wall.
  - Shower seat provides minimum structural strength to support a 250 lb. point load.
  - Grab bars are located on walls adjacent to and opposite the seat.
  - Continuous L-shaped grab bar is provided along the walls opposite from and adjacent to the seat (but NOT extended to include that portion of wall over the seat).
  - Grab bars are mounted 33"-36" above floor surface.
  - Where lockers are provided for the public, clients, employees, members or participants, at least one and not less than 1 percent of all lockers are accessible. A path of travel not less than 36 inches in clear width is provided to these lockers.
  - Walls and floors within shower compartments are finished to have a smooth, hard, nonabsorbent surface such as Portland cement, concrete, ceramic tile or other approved material to a height of not less than 70" above the drain inlet. Materials other than structural elements used in such walls are of a type not adversely affected by moisture.
  - Doors and panels of shower enclosures are substantially constructed from approved, shatter-resistant materials. Hinged doors shall open outwards.
  - Glazing used in doors and panels of shower enclosures is fully tempered, laminated safety glass or approved plastic. When glass is used, it has a minimum thickness of not less than 1/8" when fully tempered, or 1/4" when laminated, and shall pass the requirements of Section 2405.
  - Plastics used in doors and panels of showers and bathtub enclosures are of a shatter-resistant type.



**1 ROLL-IN SHOWER- 60" MIN. x 30" MIN.**  
A.D.A. COMPLIANT / BARRIER-FREE SHOWER STALL SHALL BE MODEL 35-62H OR EQUAL

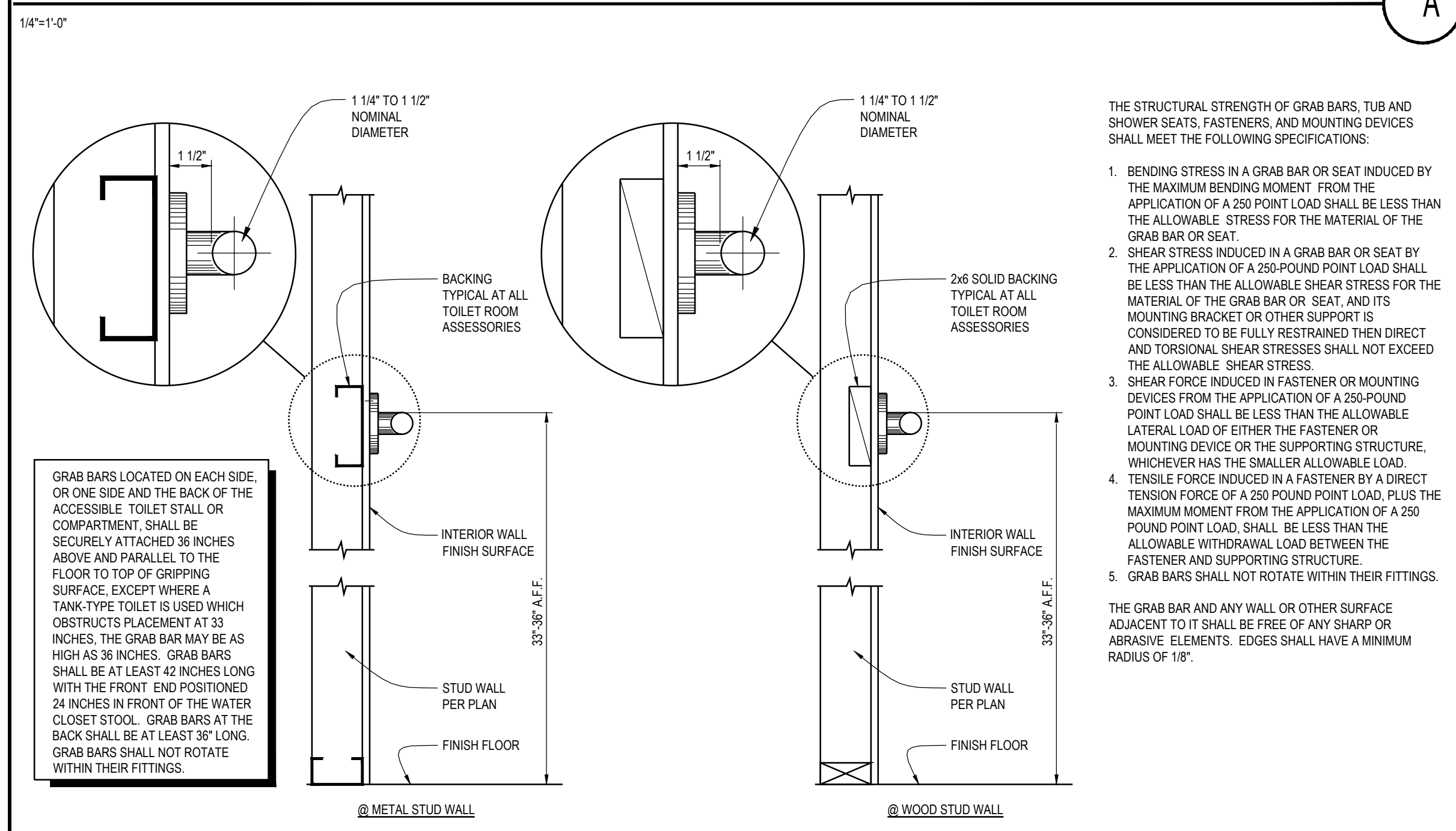


**2 ALTERNATE ROLL-IN SHOWER- 60" MIN. x 36" MIN.**



**ACCESSIBLE SHOWER REQUIREMENTS & CLEARANCES**

**SINGLE ACCOMMODATION TOILET ROOM MINIMUM CLEARANCES**



**TOILET ROOM GRAB BAR DETAIL**

**MPA ARCHITECTS, INC.**  
3578 30th Street  
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**COUNTY OF IMPERIAL PLANNING & DEV. SERVICES DEPT**  
801 MAIN STREET  
EL CENTRO, CA 92243  
(760) 482-4236

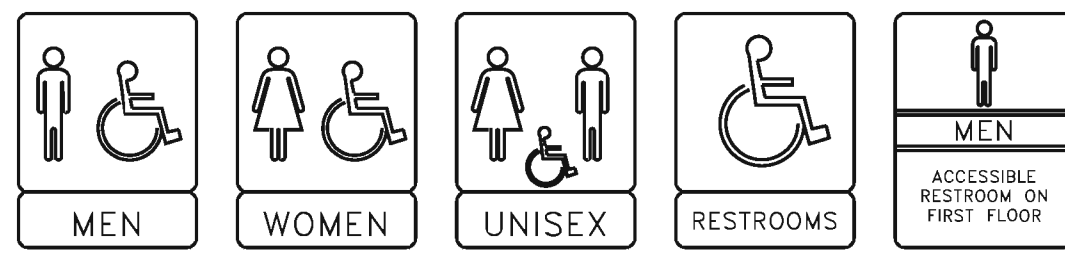
**PROJECT**  
A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	PLAN CHECK CHANGES	03-29-17
9	80 REVISIONS	06-07-17

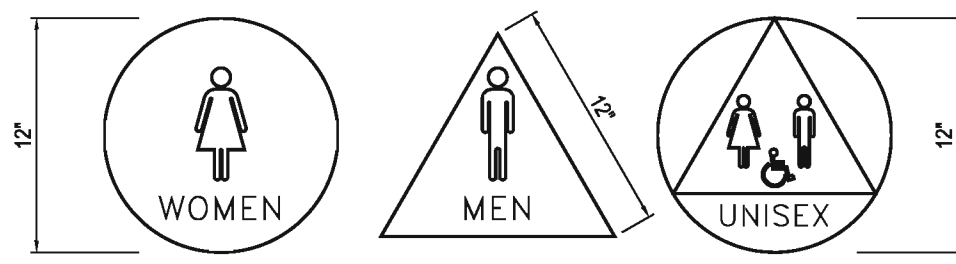
**REGISTERED ARCHITECT**  
WINTER RUMSEY  
226619  
Exp. 3.31.2019  
STATE OF CALIFORNIA

**SHEET TITLE**  
RESTROOMS DETAILS

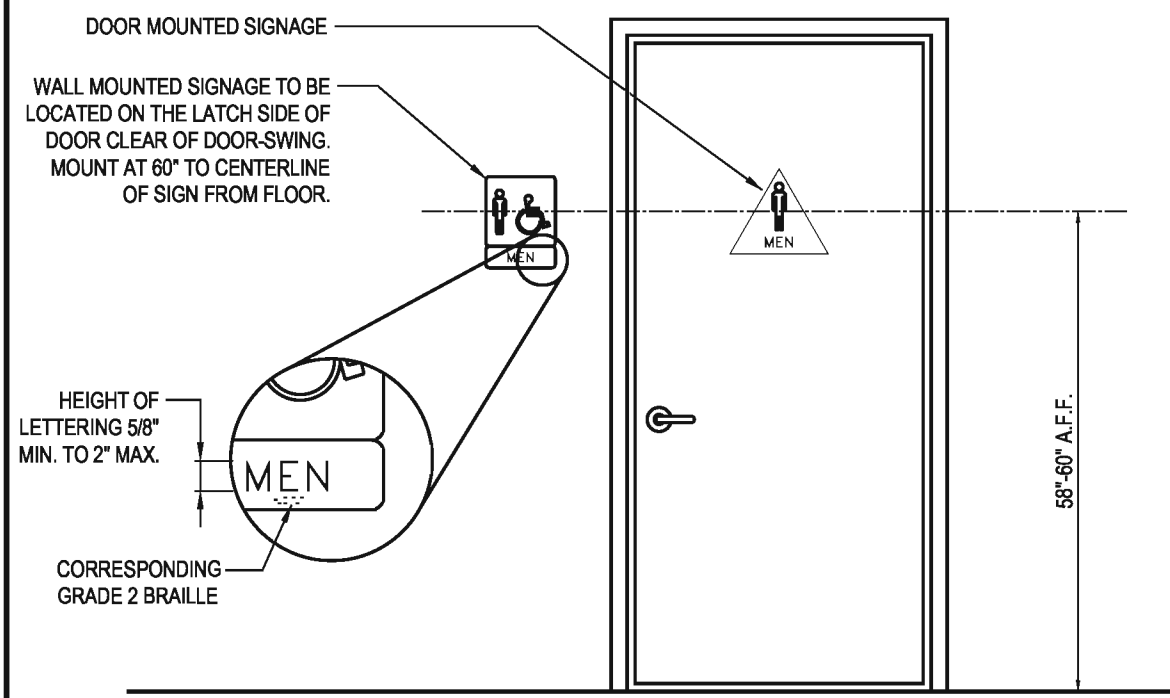
DATE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ SHEET NUMBER: \_\_\_\_\_  
PROJECT NO: \_\_\_\_\_ **A 6.0**



WALL MOUNTED SIGNAGE (TYP.)



DOOR MOUNTED SIGNAGE (TYP.)



**DOOR MOUNTED SIGNAGE**

- a) (Men's) - Men's sanitary facilities are identified by an equilateral triangle 1/4" thick with edges 12" long and a vertex pointing upward. The triangle symbol contrasts with the door, either light on a dark background or dark on a light background.
- b) (Women's) - Women's sanitary facilities are identified by a circle that is 14" thick with edges 12" long and a vertex pointing upward. The circle symbol contrasts with the door, either light on a dark background or dark on a light background.
- c) (Unisex) - Unisex sanitary facilities are identified by a 12" diameter circle that is 1/4" thick with a 1/4" thick triangle superimposed within the circle. The triangle symbol contrasts with the circle symbol, either light on a dark background or dark on a light background.
- d) The geometric symbols are centered horizontally on the door at a height of 58"-60" above the finish floor or ground surface measured to the center of the symbol.
- e) The edges of the signs are rounded, chamfered or eased, and any corners have a minimum radius of 1/8".

**WALL MOUNTED SIGNAGE**

- f) The restroom identification signage (i.e. MEN'S, WOMEN'S, etc.) is located on the wall adjacent to the latch side of the door.
- g) Pictorial symbol signs (pictograms), if utilized in conjunction with verbal (i.e. text) identification, are located directly above the verbal (i.e. text) description and the border dimension of this pictogram is a minimum of 6" in height.
- h) Signs are mounted on the wall at 60" above the finish floor to the centerline of the sign and the location allows a person to approach within 3" of the signage without encountering protruding objects or standing within the swing of a door.
- i) Letters and numerals are raised 1/32", are sans-serif uppercase characters and are accompanied by Grade 2 Braille. Characters are minimum 5/8" high and a maximum of 2" high. Braille dots are domed or rounded.
- j) The characters and background of the sign is eggshell, matte, or other non-glare finish and the color and contrast of the sign distinctively contrasts with the color and contrast of the wall.

**SYMBOL OF ACCESSIBILITY**

- k) Accessible toilet facilities are identified by the International Symbol of Accessibility. The symbol consists of a white figure on a blue background.

**INACCESSIBLE FACILITIES NOTIFICATION**

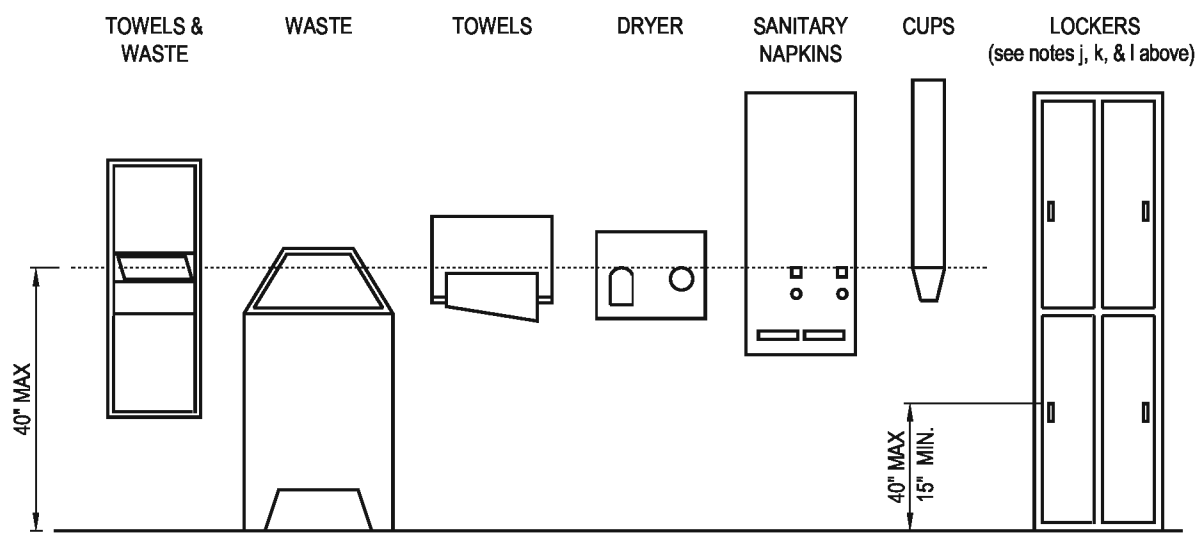
- l) Inaccessible sanitary facilities have accessible directional signage that indicates the location of the nearest accessible sanitary facilities.

**TOILET ROOM SIGNAGE SPECIFICATIONS**

NO SCALE

**ACCESSORIES IN SANITARY FACILITIES AND LOCKERS**

- a) A minimum 30" x 48" clear floor or ground space is provided to allow forward or parallel approach to accessories.
- b) One full unobstructed side of the clear floor or ground space adjoins or overlaps an accessible route or adjoins another wheelchair clear floor space.
- c) Mirror(s) located above accessible lavatories or countertops are installed with the bottom edge of the reflective surface 40" maximum above the finish floor or ground.
- d) When mirrors are provided at locations other than above lavatories or countertops, at least one is installed with the bottom edge of the reflective surface 30" maximum above the finish floor or ground.
- e) Operable parts (including coin slots) of all fixtures or accessories are located a maximum of 40" above floor (i.e., soap dispensers, towels, toilet seat covers, auto-dryers, sanitary napkins, dispensers, waste receptacles, etc.).
- f) Controls and operating mechanisms are operable with one hand and do not require tight grasping, pinching, or twisting of the wrist.
- g) The force required to activate controls is 5 lbf. maximum.
- h) Coat hooks and shelving are located within appropriate reach ranges (48" max. above floor recommended).
- i) If medicine cabinets are provided, at least one has a usable shelf no higher than 44" above floor.
- j) A minimum 30" by 48" clear floor space is provided in front of a medicine cabinet or locker to allow forward or parallel approach.
- k) Where lockers are provided for the public, clients, employees, members or participants, at least one locker and not less than 5 percent of all lockers are accessible.
- l) Operable parts shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrists. The force required to activate operable parts shall be 5 pounds.



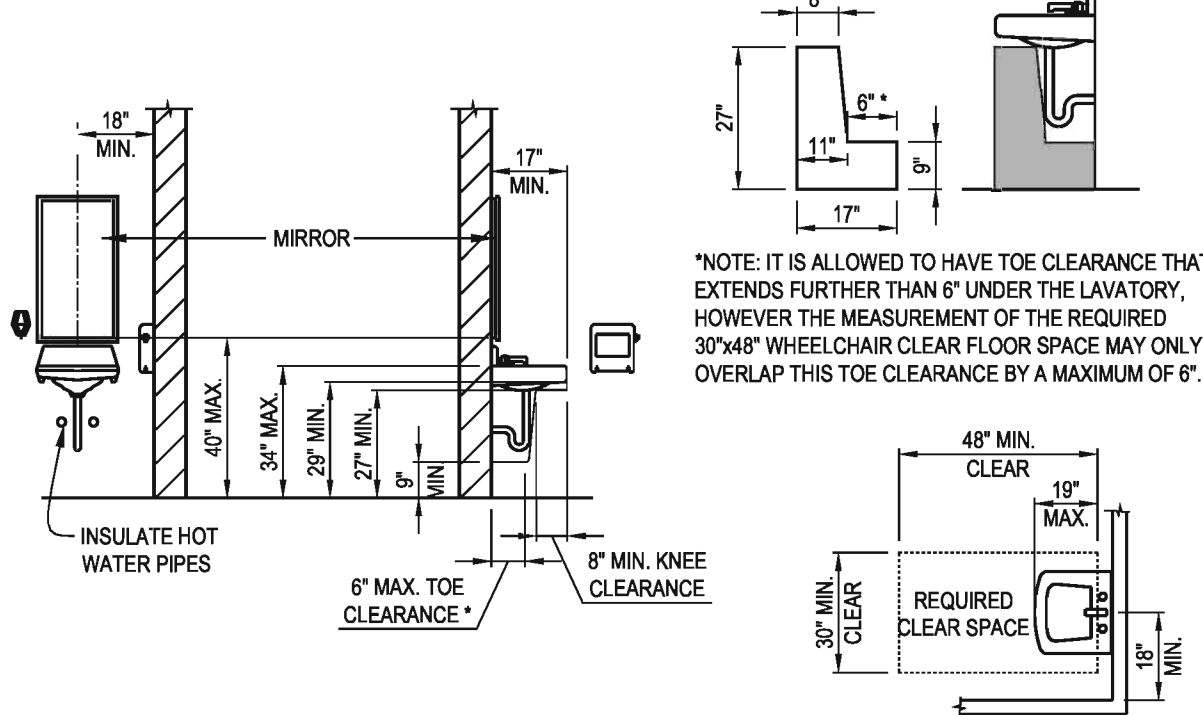
**ACCESSORIES REQUIREMENTS & CLEARANCES**

NO SCALE

**LAVATORIES**

**ACCESSIBLE FIXTURES:**

- If lavatories are provided, five percent (5%), or at least one lavatory, shall comply with the following provisions.
- a) Minimum 30" x 48" clear space is provided in front of lavatory that allows forward approach.
- b) Required clear space adjoins or overlaps an accessible route and extends a maximum of 19" underneath the lavatory.
- c) Lavatories adjacent to a sidewall or partition have a minimum 18" distance to the centerline of the fixture.
- d) 34" maximum height of rim or counter above floor surface.
- e) 29" minimum clearance from bottom of apron to the floor.
- f) The accessible lavatory has a minimum 17" of horizontal depth.
- g) Knee clearance under front lip is a minimum of 27" high, 30" wide, and extends a minimum of 8" in depth from the front of the lavatory.
- h) Toe clearance under lavatory is a minimum of 5" high, 30" wide, and extends a minimum of 17" in depth from the front of the lavatory.
- i) The toe clearance is free of equipment or obstructions and extends to a distance no more than 6" from the back wall.
- j) Drain and hot water piping is insulated or configured to prevent contact.
- k) There are no sharp or abrasive elements under lavatory.
- l) Faucets are lever type; push type or electronically controlled mechanisms (preferable).
- NOTE: Self-closing valves must maintain a minimum of 10 seconds open flow.
- m) Faucet controls and operating mechanisms are operable with one hand and do not require tight grasping, pinching or twisting of the wrist.
- n) 5 lb. maximum force required to activate controls.



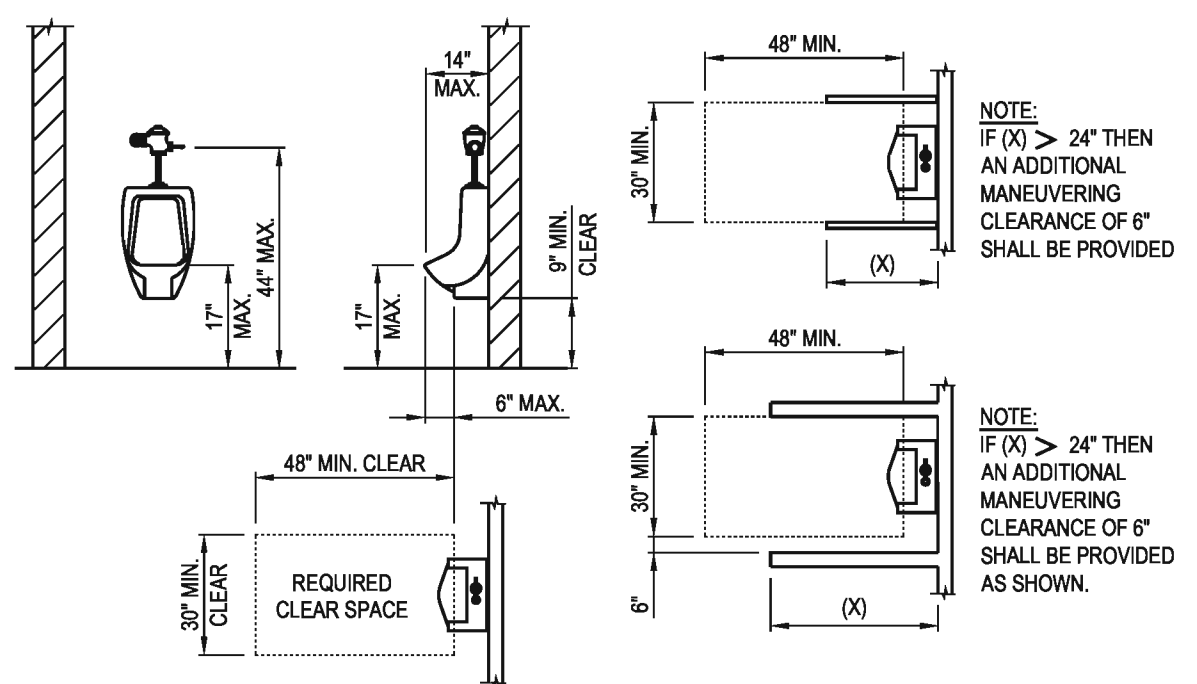
**LAVATORIES REQUIREMENTS & CLEARANCES**

NO SCALE

**URINALS**

General - Where urinals are provided, at least one shall have a clear floor space 30 inches by 48 inches in front of the urinal to allow a forward approach.

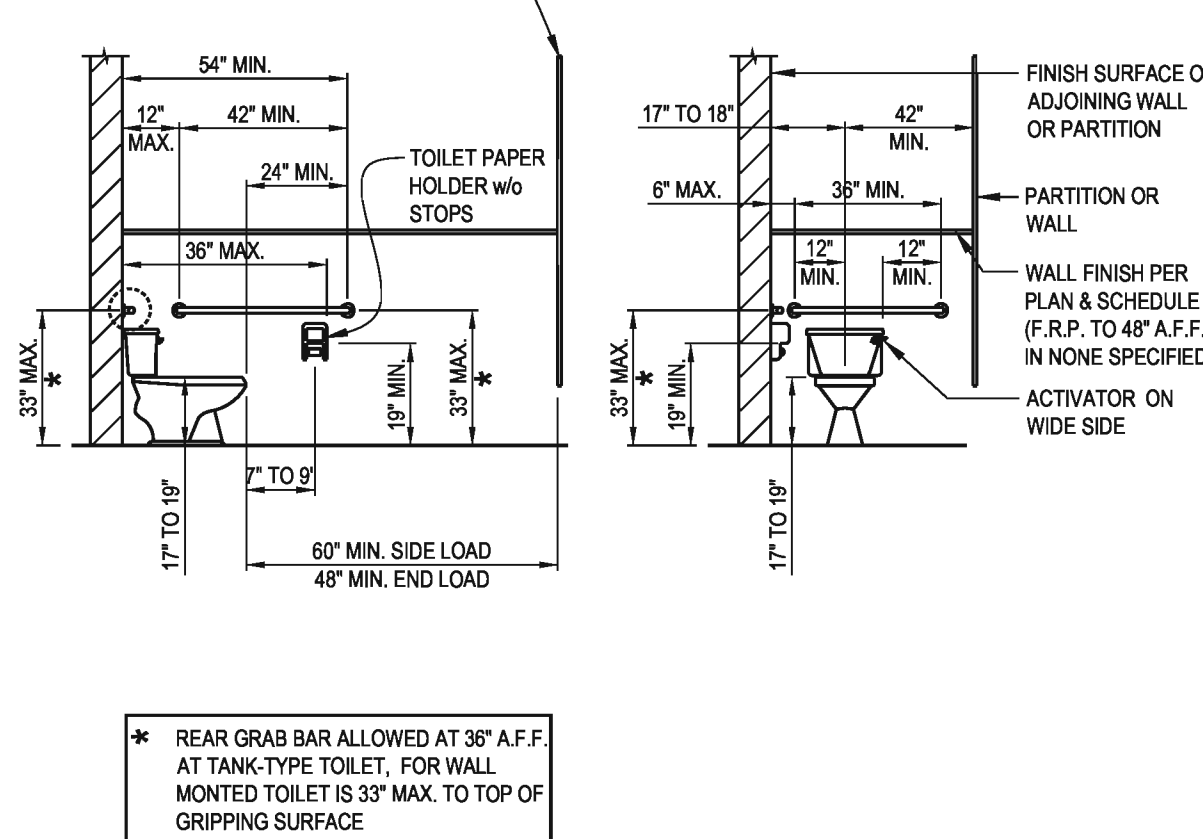
- NOTE: The required clear space in front of urinals may extend a maximum of 6" underneath the urinal if the urinal provides a minimum of 9" of toe clearance from the floor to the bottom of the urinal.
- a) The accessible urinal is stall-type, or wall hung.
- b) The accessible urinal has an elongated rim projecting a minimum of 14" and a maximum of 17" from the wall.
- c) The urinal rim is located at a maximum height of 17" above the finished floor.
- d) A clear floor space that is a minimum of 30" wide x 48" deep is provided in front of the urinal to allow a forward approach.
- e) One full unobstructed side of the clear floor or ground space adjoins or overlaps an accessible route or adjoins another wheelchair clear floor space.
- f) 44" maximum height of flush valve above floor.
- g) Flush control is operable with one hand and does not require tight grasping, pinching, or twisting of the wrist.
- h) The force required to operate the flush control is a maximum of 5 lbf (electronic automatic flushing controls are acceptable and preferable).
- i) Floor surfaces are smooth, hard and non-absorbent extending upward a minimum of 5" onto walls.
- j) Walls within 24" of front and sides of urinal are smooth, hard and non-absorbent to 48" in height, and are not adversely affected by moisture.



**URINALS REQUIREMENTS & CLEARANCES**

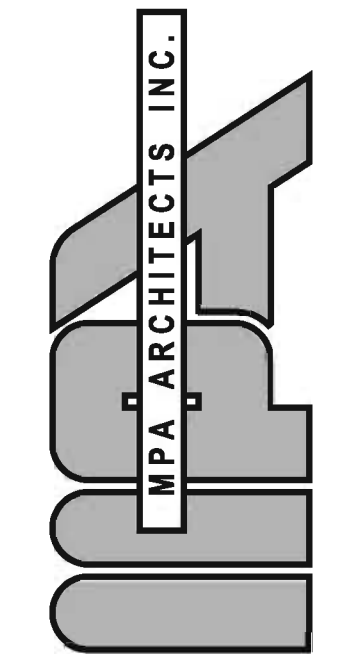
NO SCALE

**WATER CLOSETS**



**WATER CLOSETS CLEARANCES**

NO SCALE



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PROJECT

A PROPOSED PUBLIC SAFETY FACILITY FOR:  
**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17

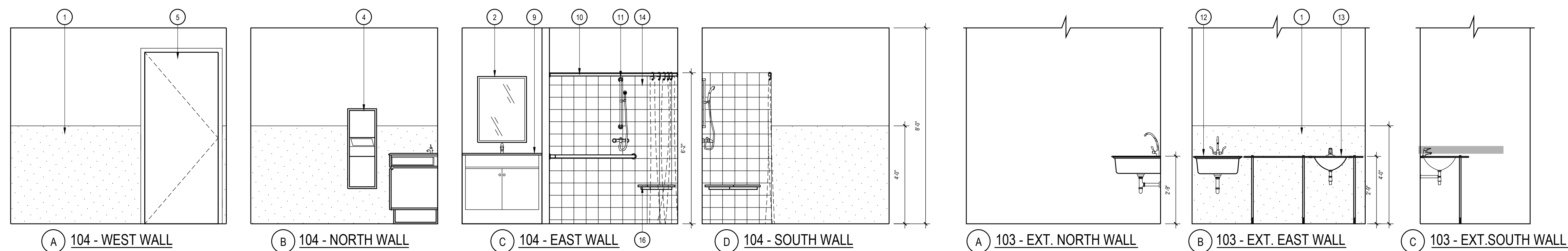


SHEET TITLE

RESTROOMS DETAILS

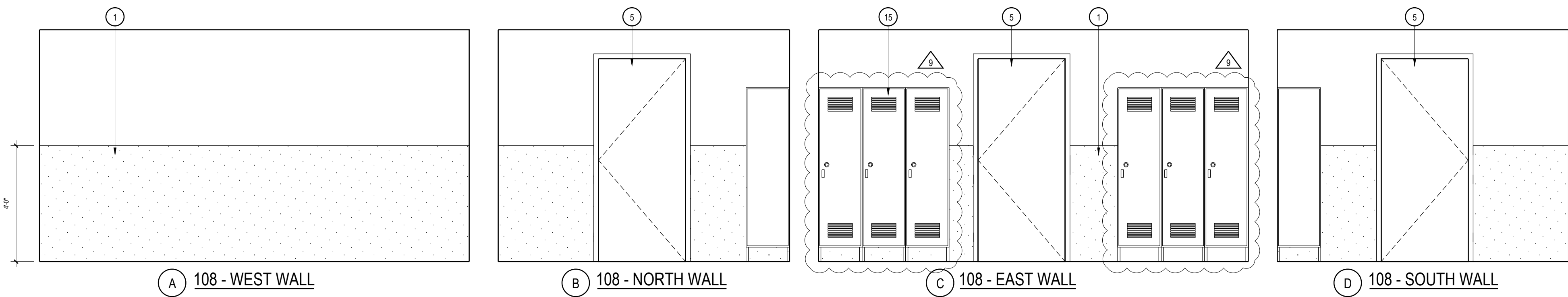
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DRAWN BY: DATABASE:  
CHECKED BY: SHEET NUMBER:  
PROJECT NO: **A 6.1**

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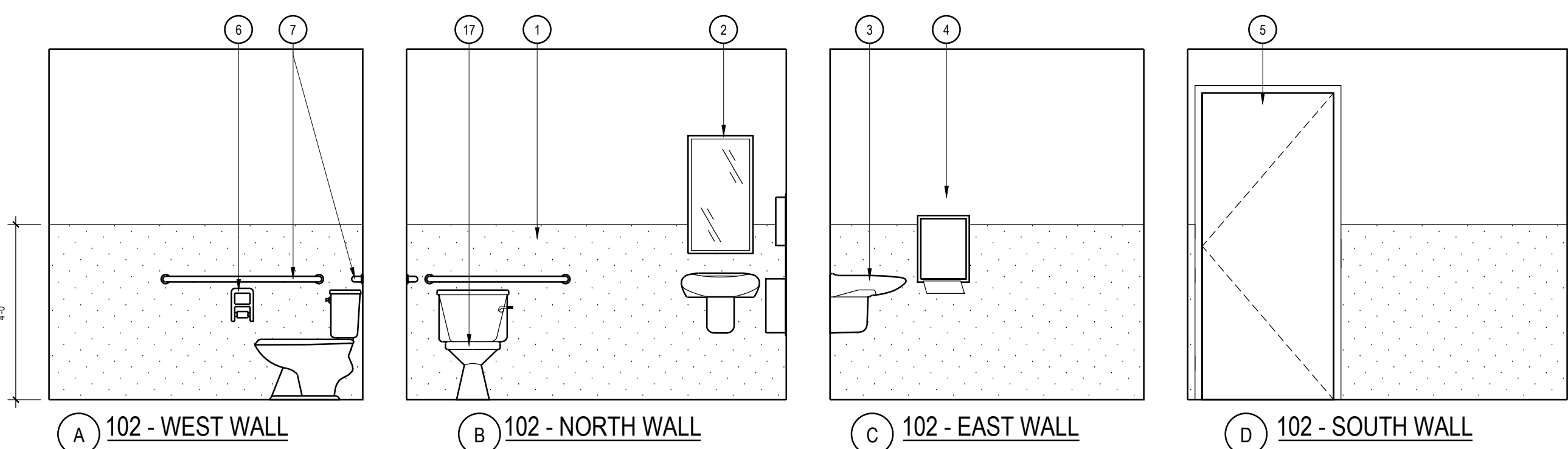


WASHING STATION - 104

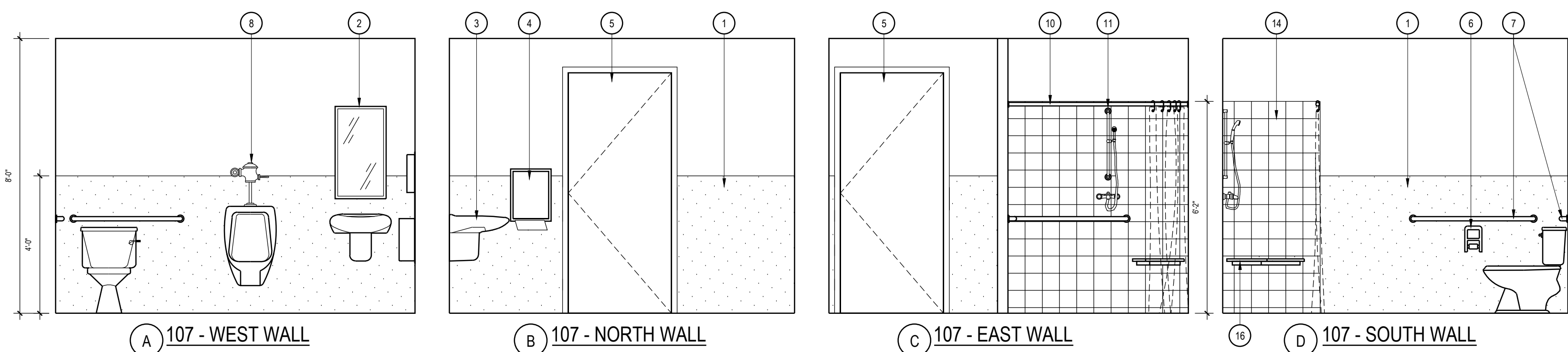
WASHING STATION - 104



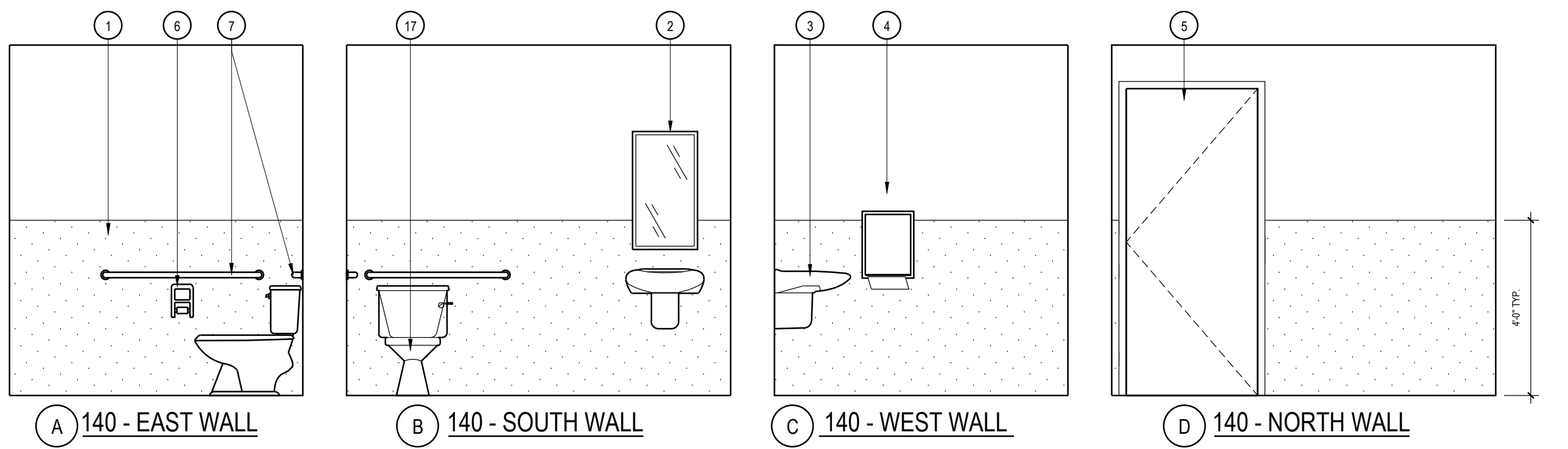
LOCKERS - 108



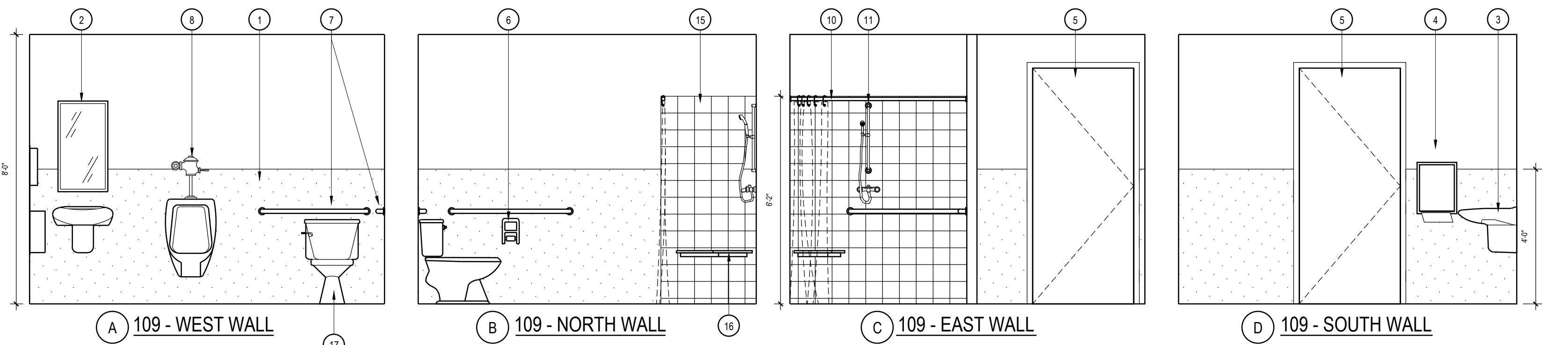
RESTROOM - 102



RESTROOM - 107



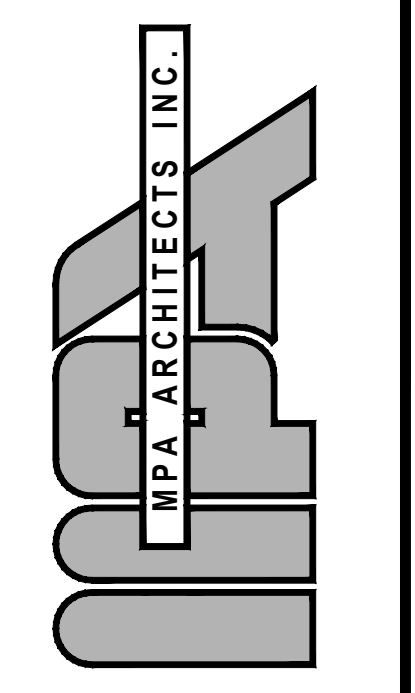
RESTROOM - 140



RESTROOM - 109

- KEY NOTES**
- 1 WALL COVERING - BATHROOMS
  - 2 MOUNTED MIRROR. SEE DETAIL DIA6.1 FOR LOCATION. FOR ACCESSORY SCHEDULE AND TYPE. REFER TO SPECIFICATION MANUAL. CONTRACTOR TO VERIFY OR PROVIDE ANY NECESSARY BACKING IN WALL FOR ACCESSORY SUPPORT.
  - 3 WALL MOUNTED SINK. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 4 PROPOSED LOCATION OF PAPER TOWEL DISPENSER / TRASH RECEPTACLE. SEE DETAIL DIA6.1 FOR LOCATION. FOR RESTROOM ACCESSORY SCHEDULE. REFER TO SPECIFICATION MANUAL. CONTRACTOR TO PROVIDE ALL NECESSARY BACKING FOR ACCESSORY SUPPORT.
  - 5 INTERIOR WOOD DOOR.
  - 6 TOILET PAPER HOLDER. SEE DETAIL DIA6.1 FOR LOCATION. FOR RESTROOM ACCESSORY SCHEDULE. REFER TO SPECIFICATION MANUAL. CONTRACTOR TO PROVIDE ALL NECESSARY BACKING FOR ACCESSORY SUPPORT.
  - 7 GRAB BARS IN ACCORDANCE WITH CURRENT ACCESSIBILITY REQUIREMENTS PER DETAIL CIA6.1
  - 8 URINAL SCREEN. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 9 LAVATORY COUNTER. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 10 SHOWER ROD AND CURTAIN T.B.D.
  - 11 SHOWER ENCLOSURE. PREFABRICATED UNIT.
  - 12 LAUNDRY TUB. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 13 LAVATORY COUNTER. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 14 CERAMIC TILE T.B.D.
  - 15 SINGLE TIER LOCKERS. HEAVY DUTY TRADITIONAL COLLECTION BY ASI STORAGE SOLUTIONS OR EQUAL. COLORS: FIRE STATION LOCKERS SHALL BE: RED #45, SHERIFF'S LOCKERS SHALL BE: PINE FOREST #53. WITH POWDER COATED FINISH. PROVIDE ONE ADA COMPLIANT LOCKER PER SET OF LOCKERS PER ROOM.
  - 16 SHOWER SEAT
  - 17 TOILET
  - 18 CERAMIC TILE T.B.D.
  - 19 WALL CABINET, SOLID WOOD (MAPLE OR BETTER).
  - 20 BASE CABINET, SOLID WOOD (MAPLE OR BETTER).
  - 21 RANGE HOOD
  - 22 STAINLESS STEEL SINK
  - 23 SOLID SURFACE COUNTERTOP, BY CORIAN OR EQUAL. COLOR: DEEP NIGHT SKY.
  - 24 WALL COVERING - ADMIN 101 A
  - 25 SOFFIT-ADMIN 101 A
  - 26 WINDOW - ADMIN 101 A, SEE DETAIL AS1
  - 27 STAND - 101 A

**NOTE:**  
ALL RESTROOM ACCESSORIES SHALL BE WALL MOUNTED. REFER TO SPECIFICATION MANUAL FOR MODEL NUMBERS



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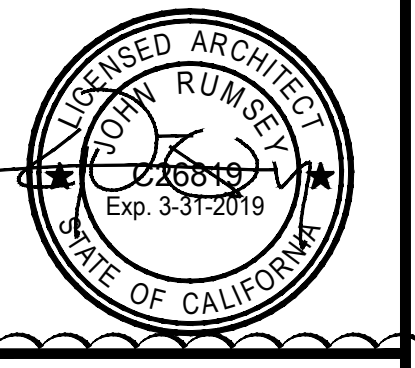
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PROJECT  
A PROPOSED PUBLIC SAFETY FACILITY FOR:  
WINTERHAVEN  
PUBLIC SAFETY FACILITY  
WINTERHAVEN, CA

**REVISIONS**

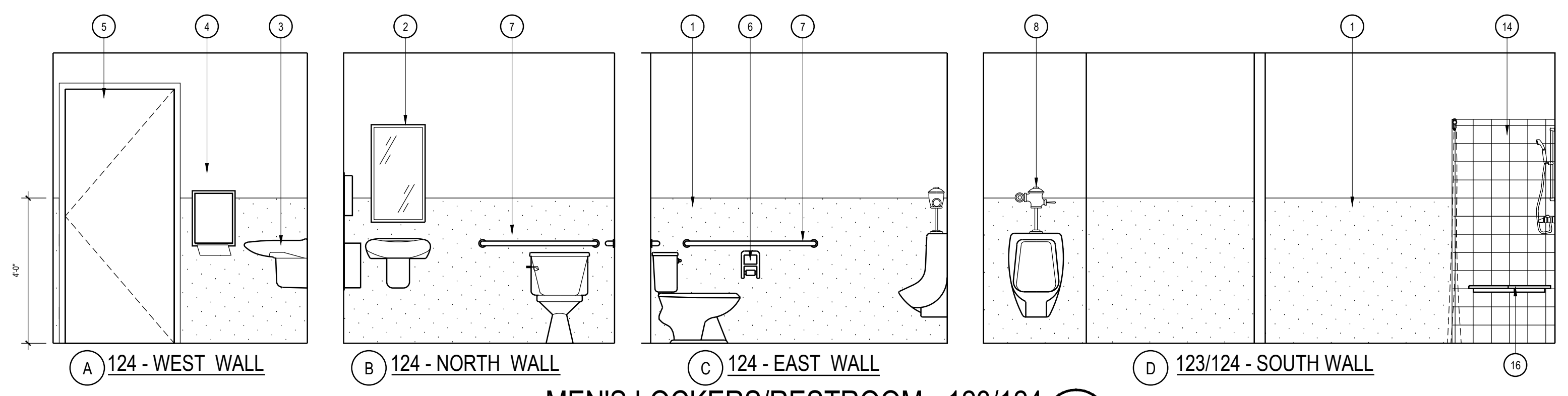
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
2	BID REVISIONS	06-07-17



SHEET TITLE  
INTERIOR ELEVATIONS

DATE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ SHEET NUMBER: \_\_\_\_\_  
PROJECT NO: \_\_\_\_\_

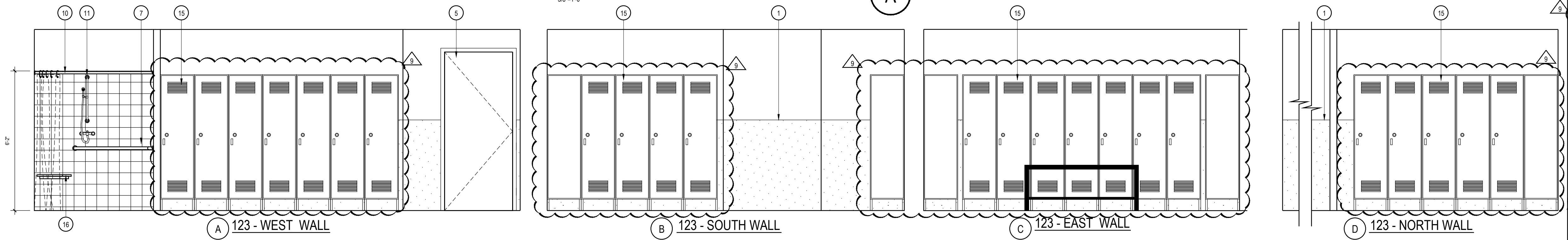
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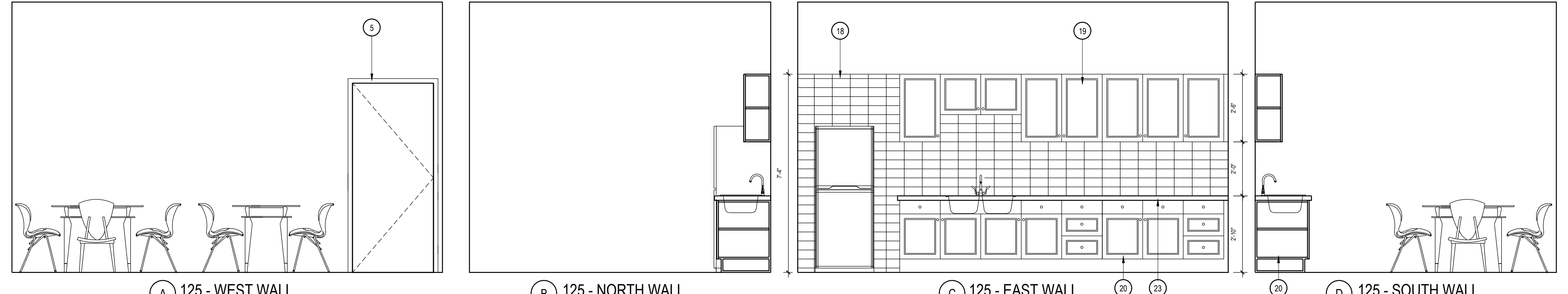
**MEN'S LOCKERS/RESTROOM - 123/124**

**NOTE:**  
ALL RESTROOM ACCESSORIES SHALL BE WALL MOUNTED. REFER TO SPECIFICATION MANUAL FOR MODEL NUMBERS

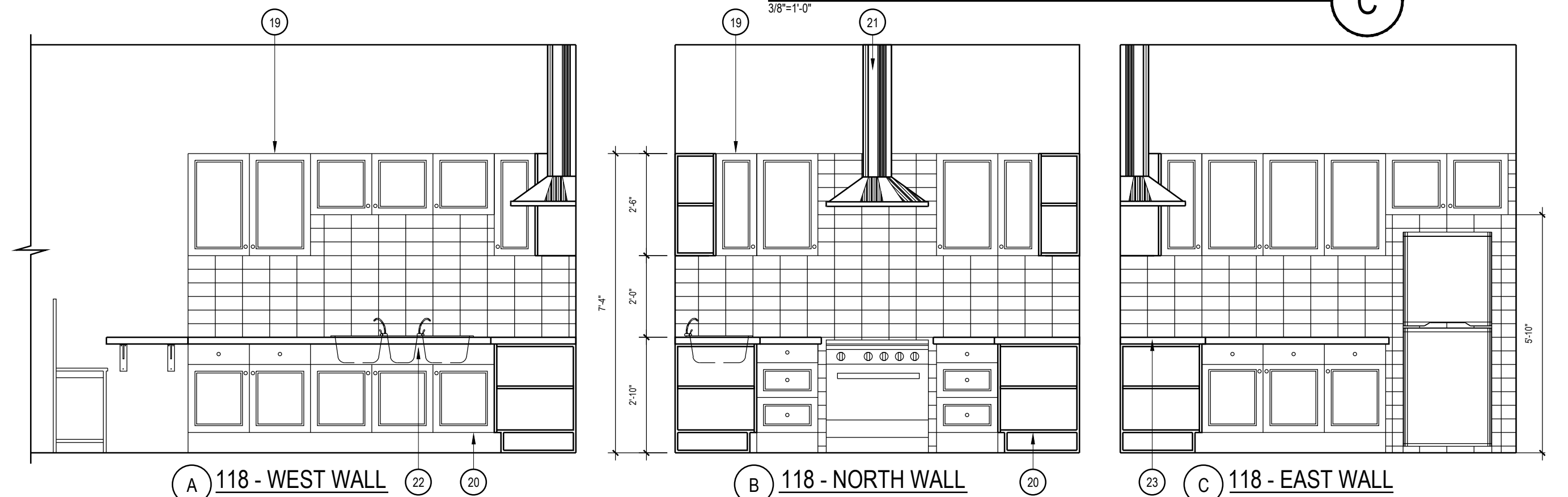
- KEY NOTES**
- 1 WALL COVERING - BATHROOMS
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  - 7 GRAB BARS IN ACCORDANCE WITH CURRENT ACCESSIBILITY REQUIREMENTS PER DETAIL C/A6.1
  - 8 URINAL SCREEN. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
  - 9 LAVATORY COUNTER. SEE PLUMBING PLAN FOR SPECIFICATIONS AND ADDITIONAL INFORMATION. CONTRACTOR TO PROVIDE ANY NECESSARY BACKING IN WALL FOR LAVATORY SUPPORT.
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  - 25 SOFFIT - ADMIN 101 A
  - 26 WINDOW - ADMIN 101 A. SEE DETAIL L/A8.1
  - 27 STAND - 101 A



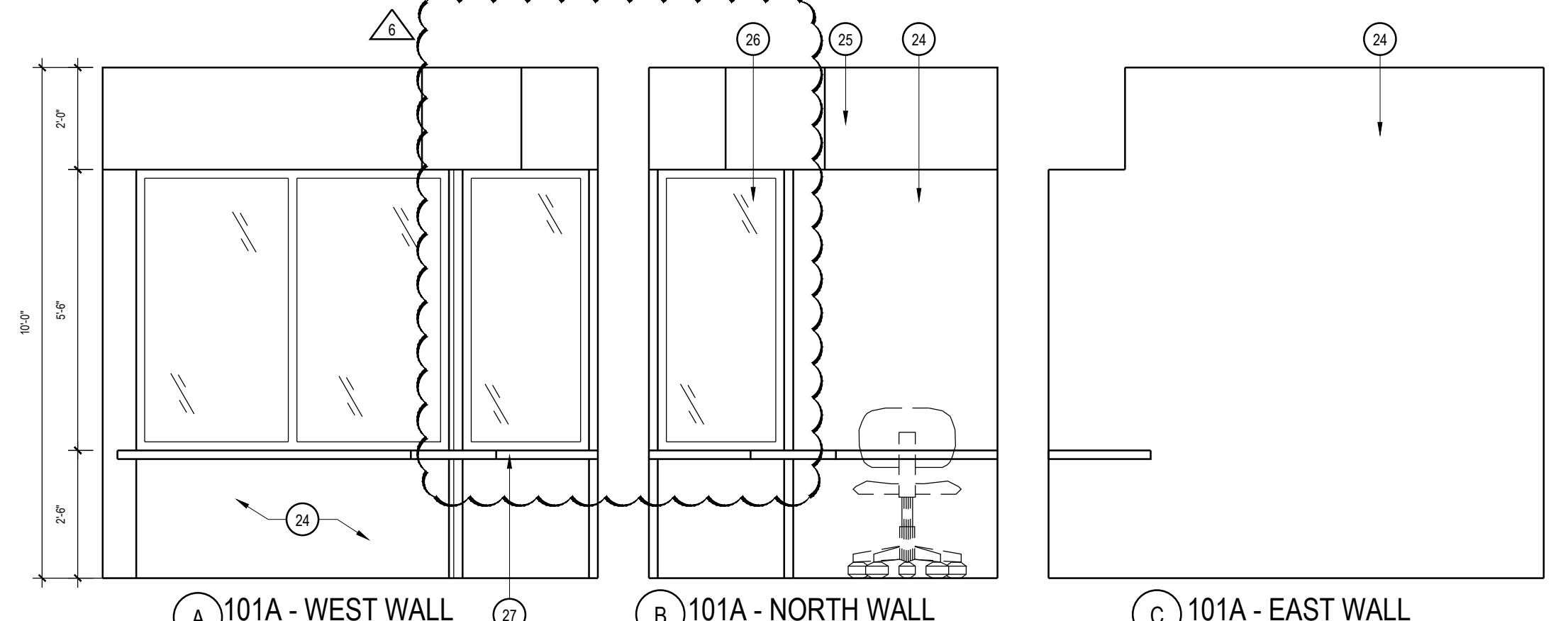
**MEN'S LOCKERS/RESTROOM - 123**



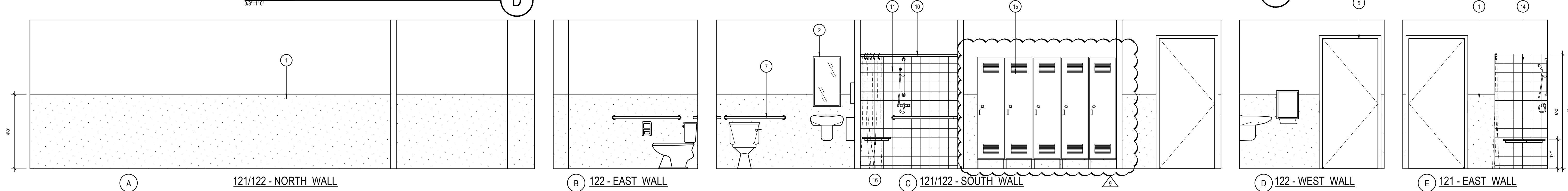
**LOUNGE - 125**



**KITCHEN - 118**



**ADMIN - 101 A**



**WOMEN'S LOCKERS/REST. - 121/122**

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PROJECT  
**WINTERHAVEN  
PUBLIC SAFETY FACILITY**  
WINTERHAVEN, CA

**REVISIONS**

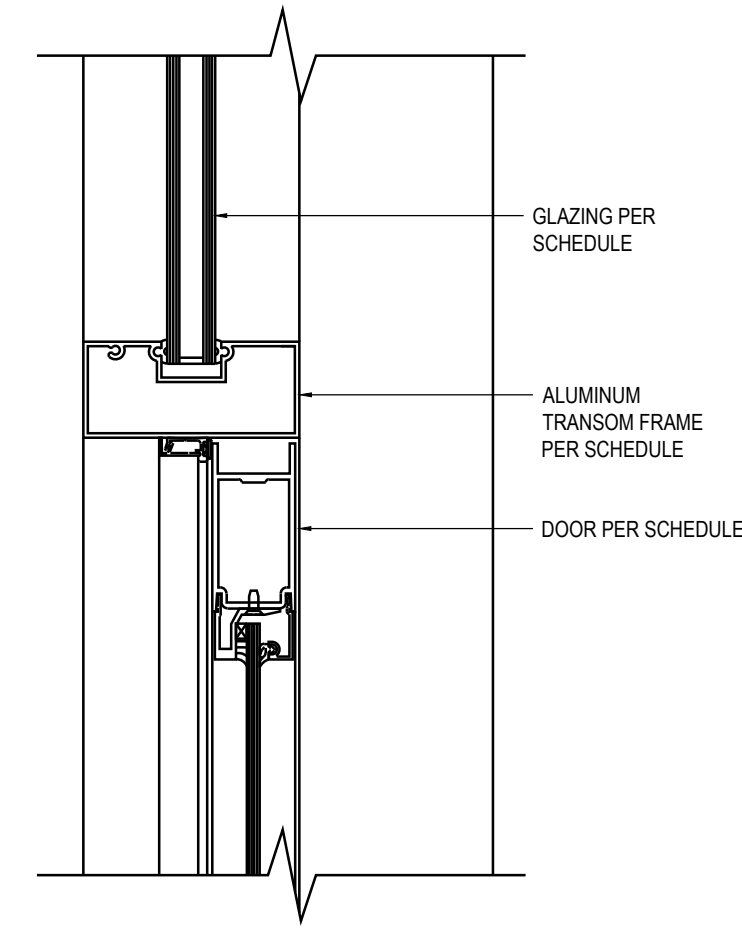
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
6	PRE-BID REVISIONS	04-21-17
9	BID REVISIONS	06-01-17



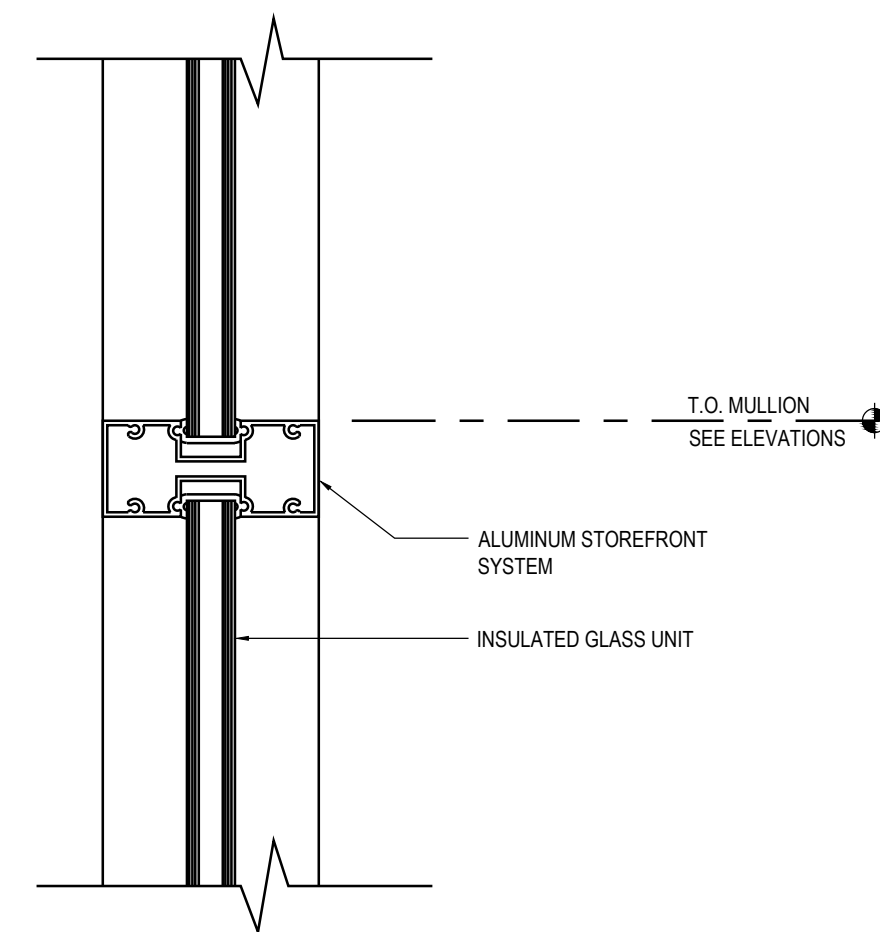
SHEET TITLE  
**INTERIOR ELEVATIONS**

DATE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
DRAWN BY: \_\_\_\_\_ DATABASE: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_ SHEET NUMBER: **A7.1**  
PROJECT NO: \_\_\_\_\_

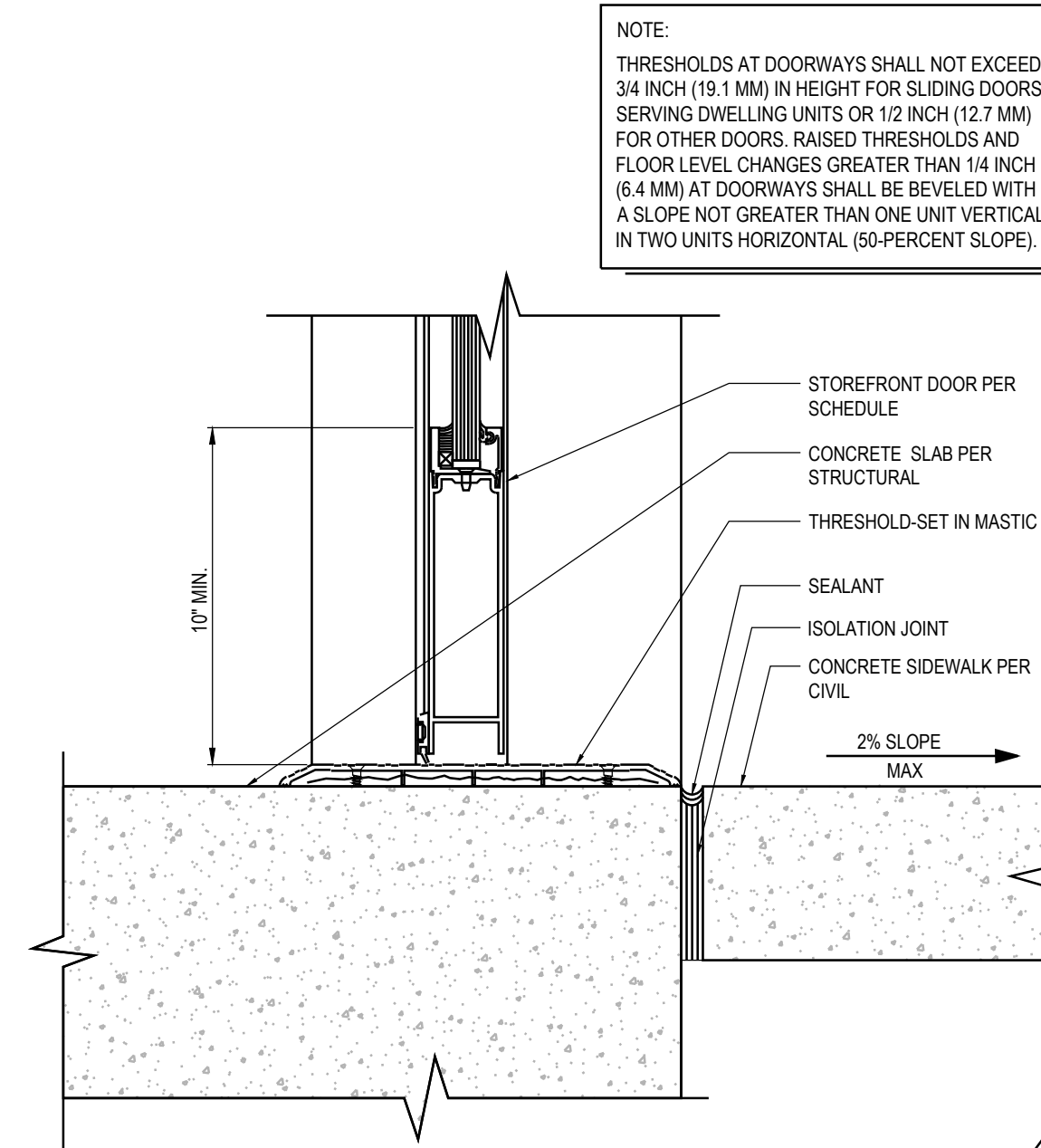




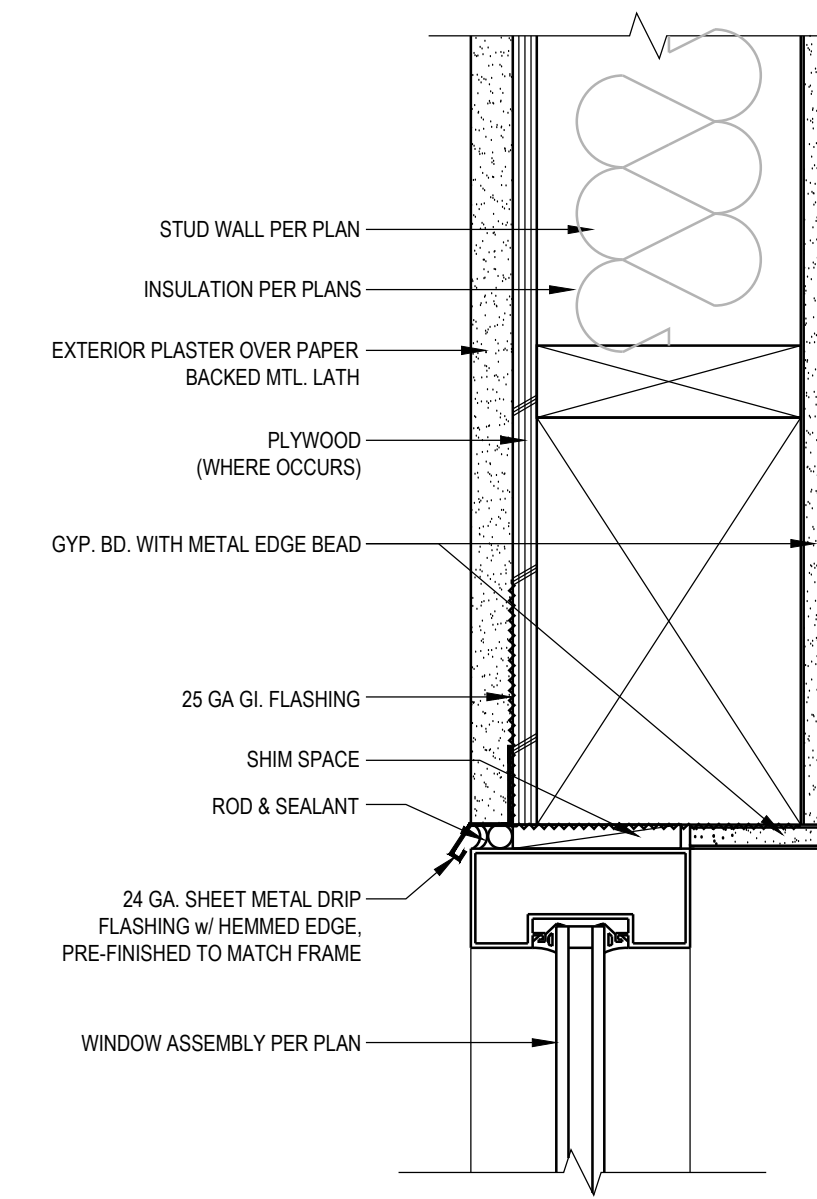
STOREFRONT DOOR TRANSOM



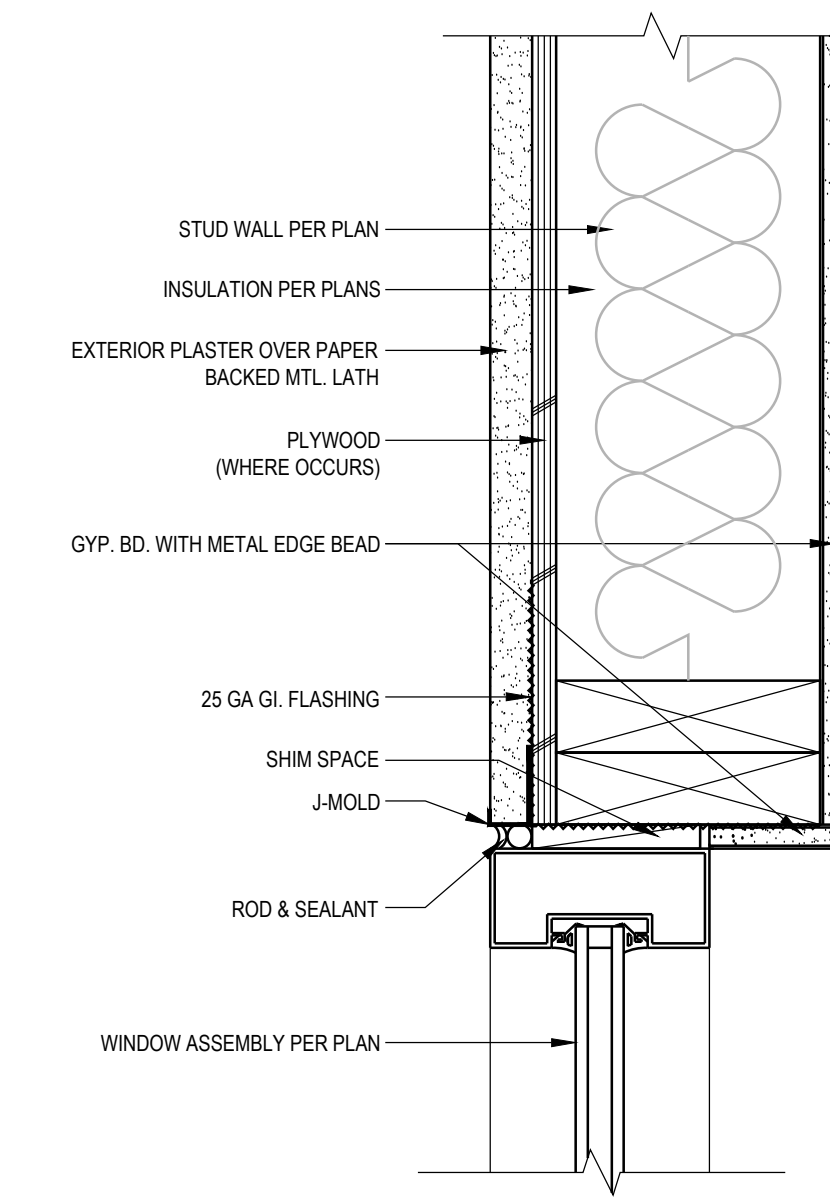
STOREFRONT MULLION



STOREFRONT DOOR SILL



STOREFRONT HEAD AT CEMENT PLASTER



STOREFRONT JAMB AT CEMENT PLASTER

3'-11-0"

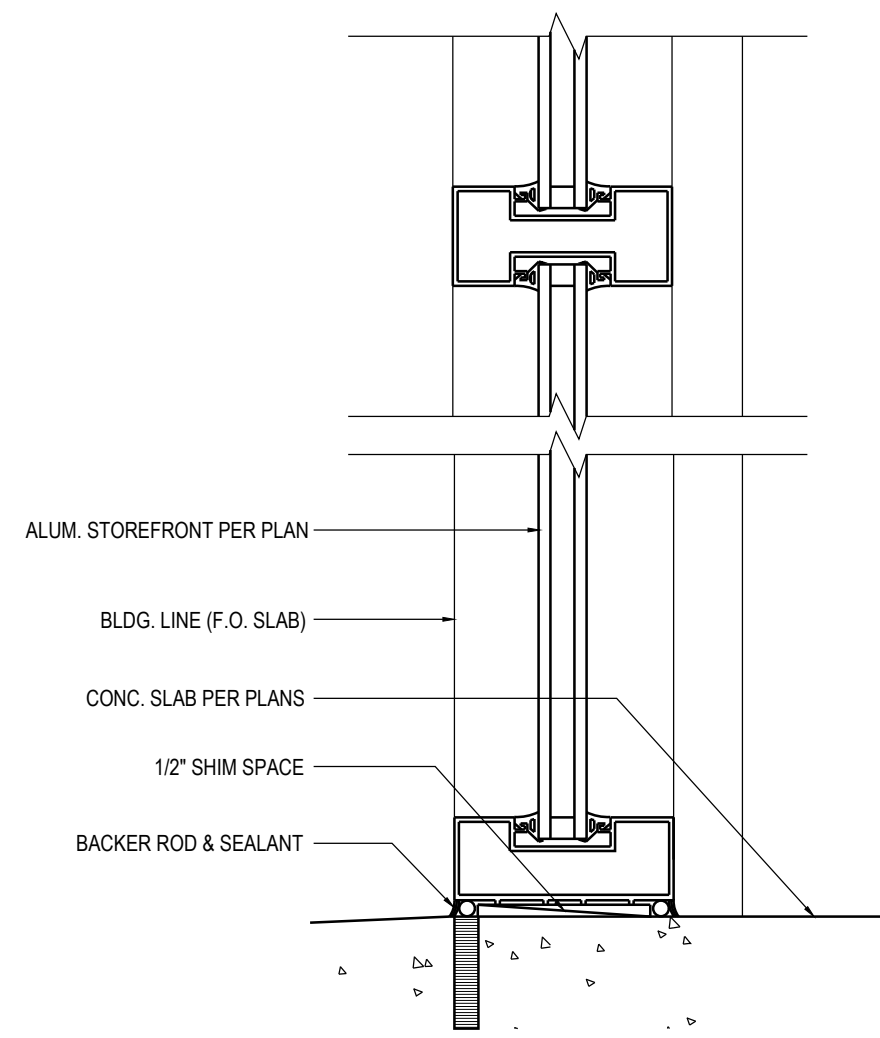
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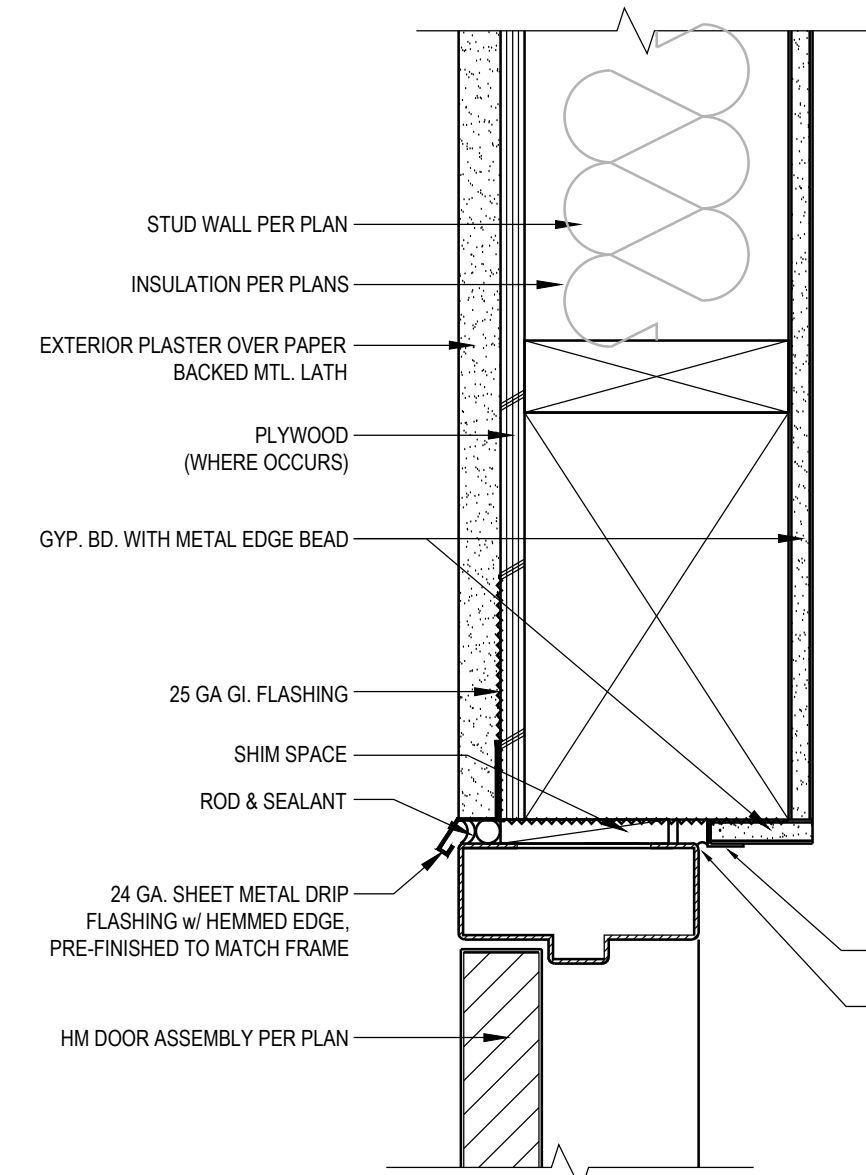
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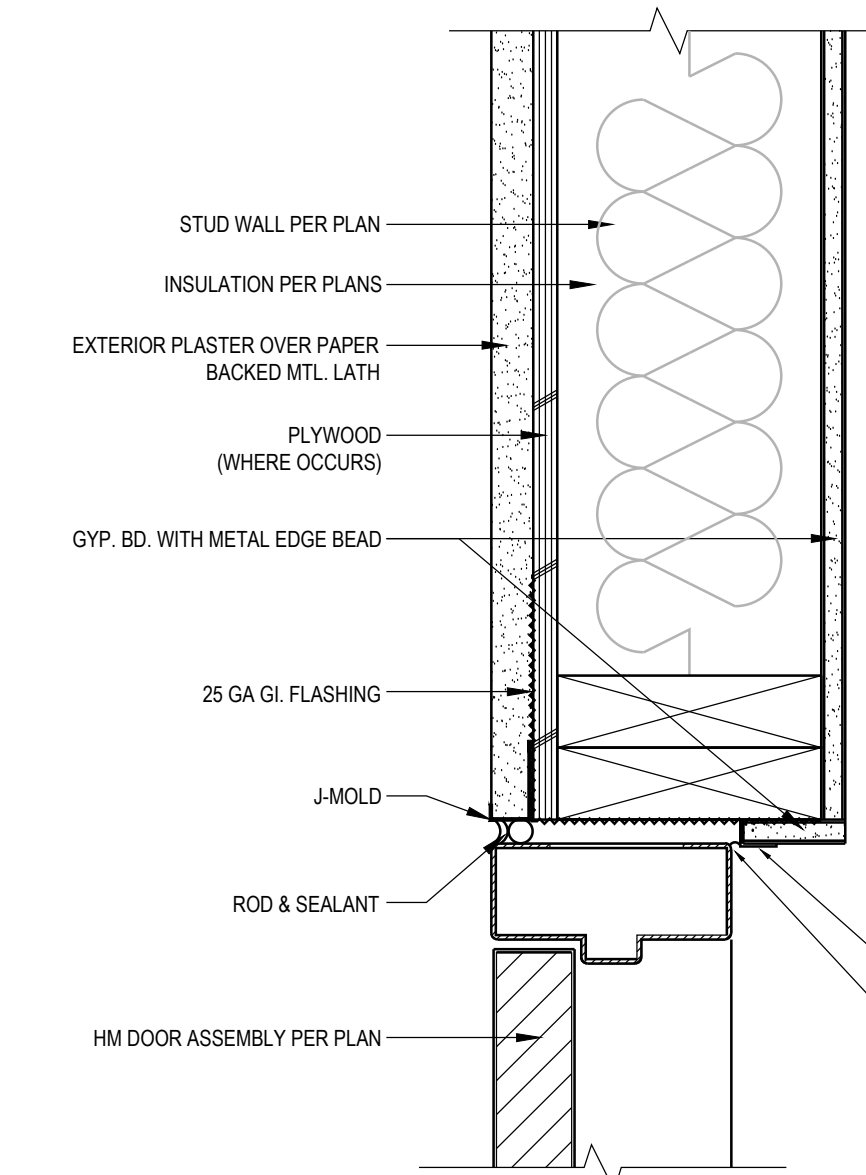
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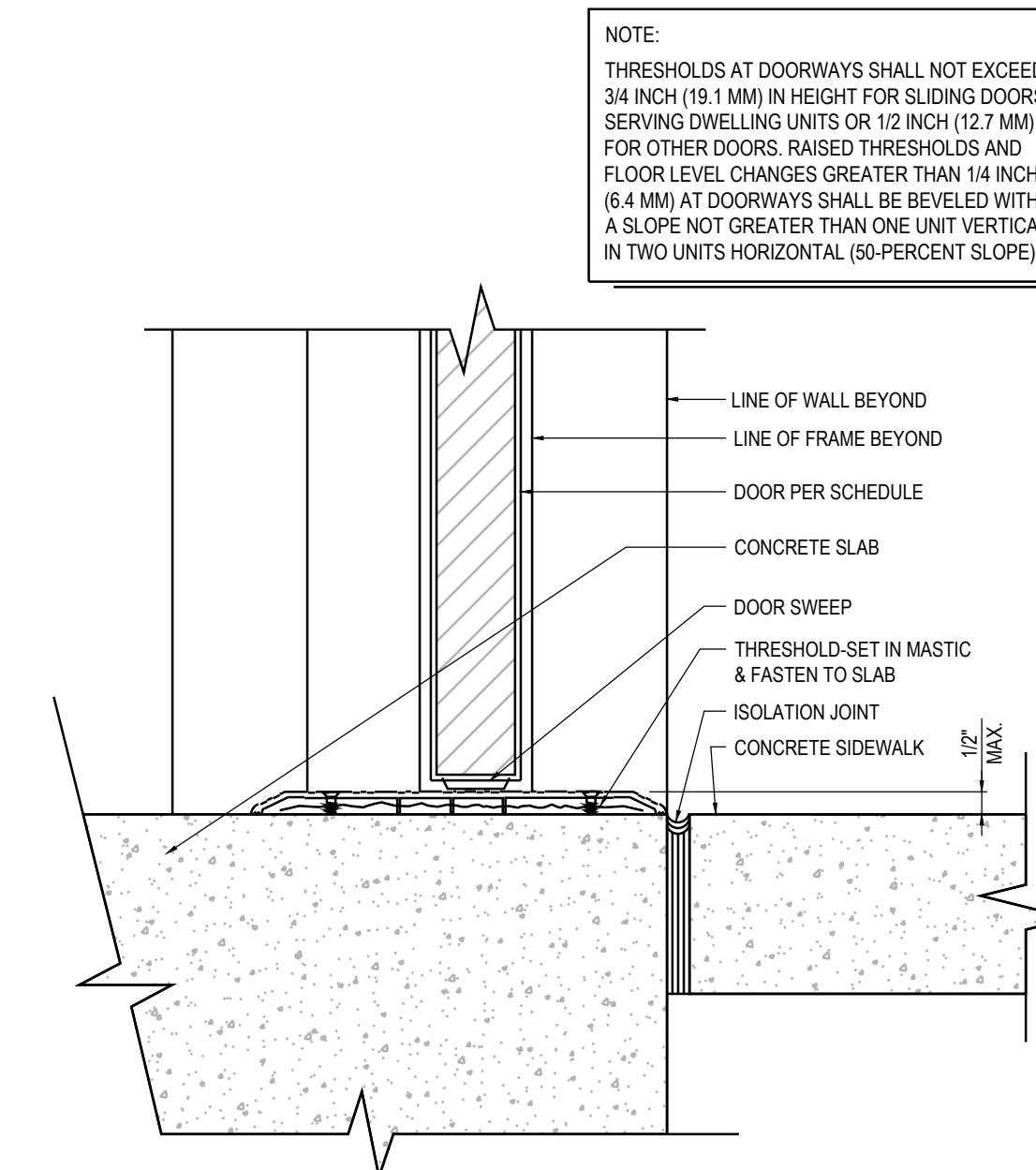
STOREFRONT SILL DETAIL



H.M. DOOR HEAD AT CEMENT PLASTER



H.M. DOOR JAMB AT CEMENT PLASTER



EXTERIOR DOOR THRESHOLD

3'-11-0"

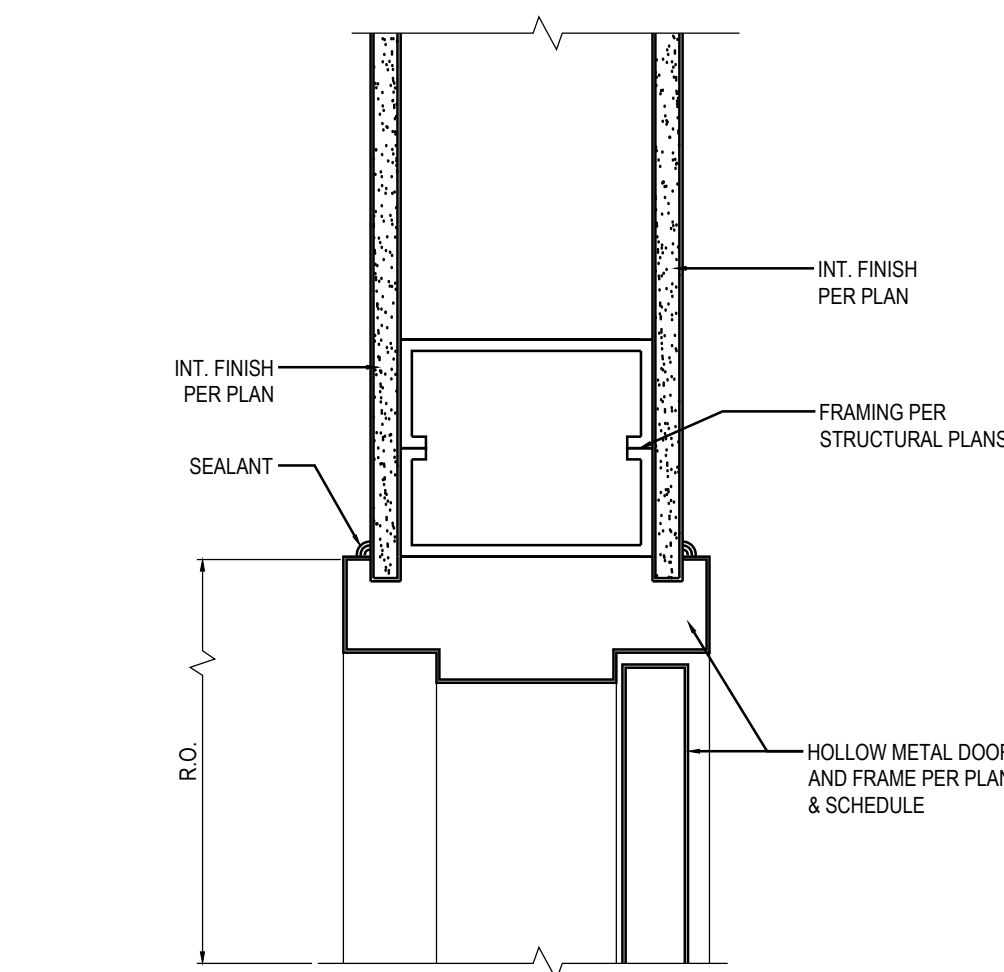
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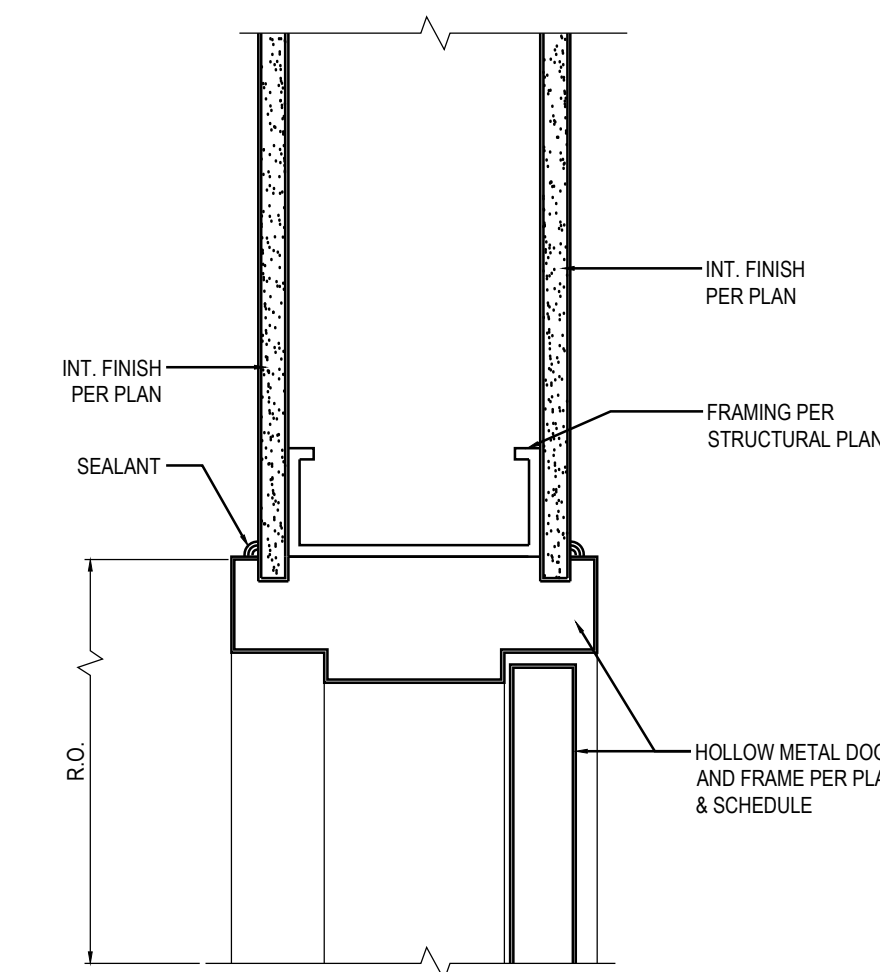
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3'-11-0"

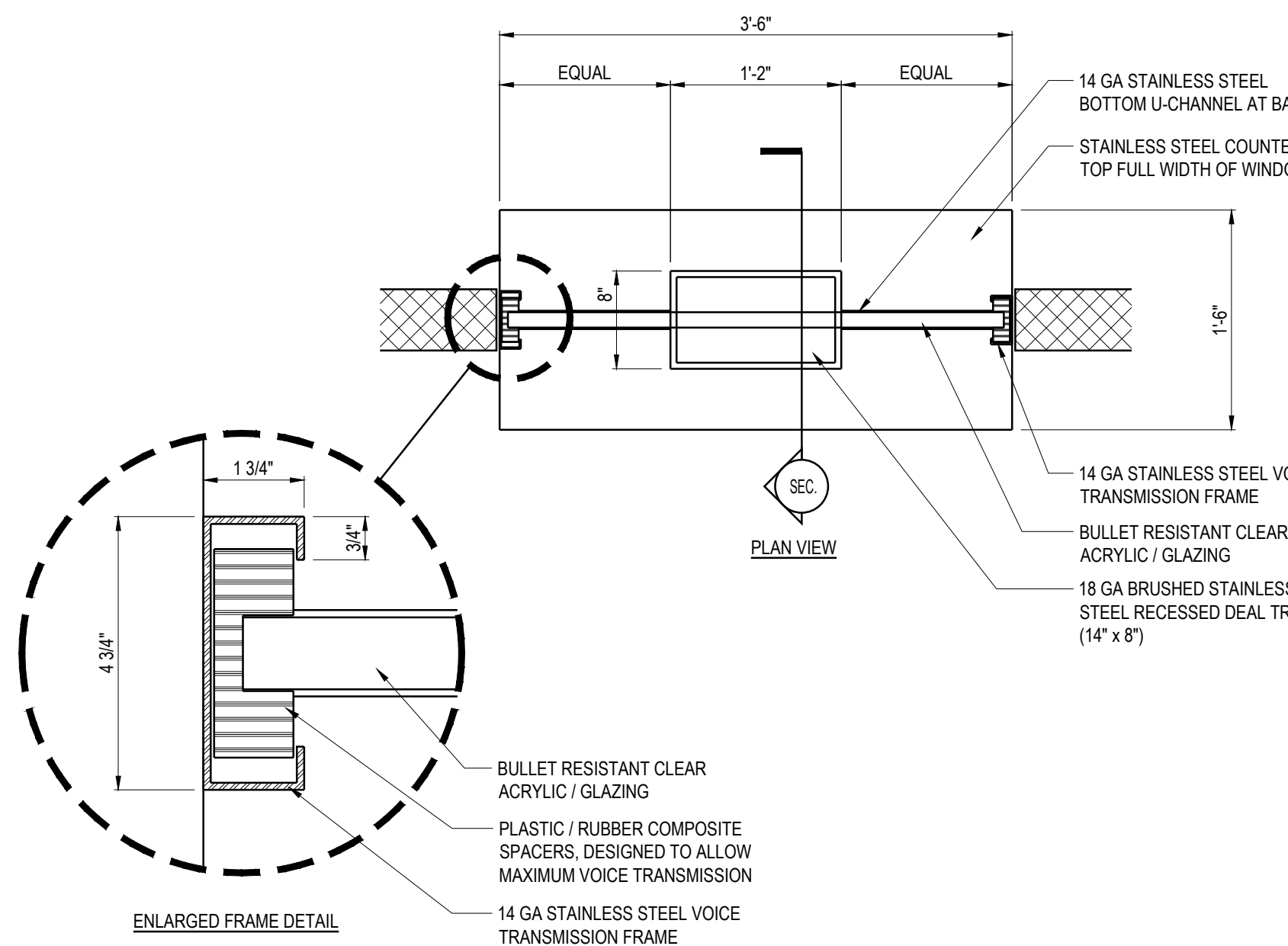
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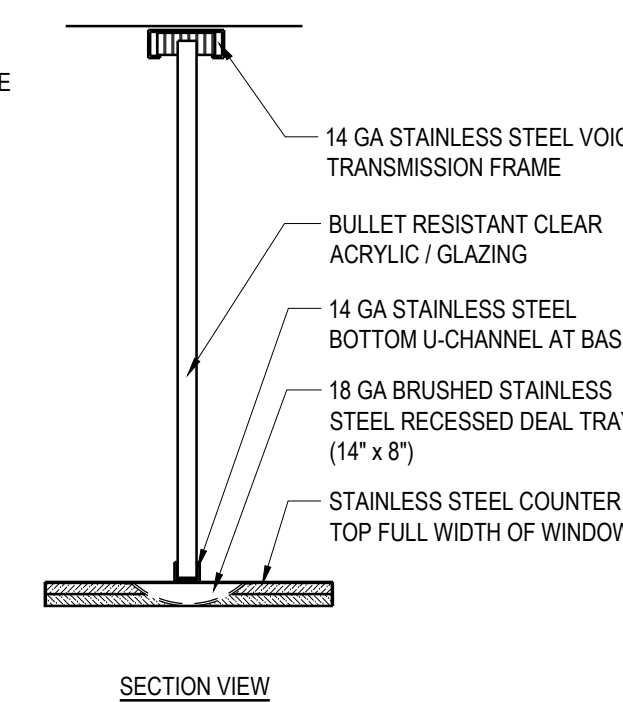
HEAD AT INTERIOR DOOR (METAL STUD)



JAMB AT INTERIOR DOOR (METAL STUD)



PUBLIC TRANSACTION COUNTER @ MAIN LOBBY



SECTION VIEW

3'-11-0"

3'-11-0"

1'-11-0"

3'-11-0"

3'-11-0"

NOTE:  
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 INCH (19.1 MM) IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS OR 1/2 INCH (12.7 MM) FOR OTHER DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4 INCH (6.4 MM) AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50-PERCENT SLOPE).

NOTE:  
THRESHOLDS AT DOORWAYS SHALL NOT EXCEED 3/4 INCH (19.1 MM) IN HEIGHT FOR SLIDING DOORS SERVING DWELLING UNITS OR 1/2 INCH (12.7 MM) FOR OTHER DOORS. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES GREATER THAN 1/4 INCH (6.4 MM) AT DOORWAYS SHALL BE BEVELED WITH A SLOPE NOT GREATER THAN ONE UNIT VERTICAL IN TWO UNITS HORIZONTAL (50-PERCENT SLOPE).

JAMB DIMENSIONS SHOULD BE VERIFIED WITH JAMB MANUFACTURER

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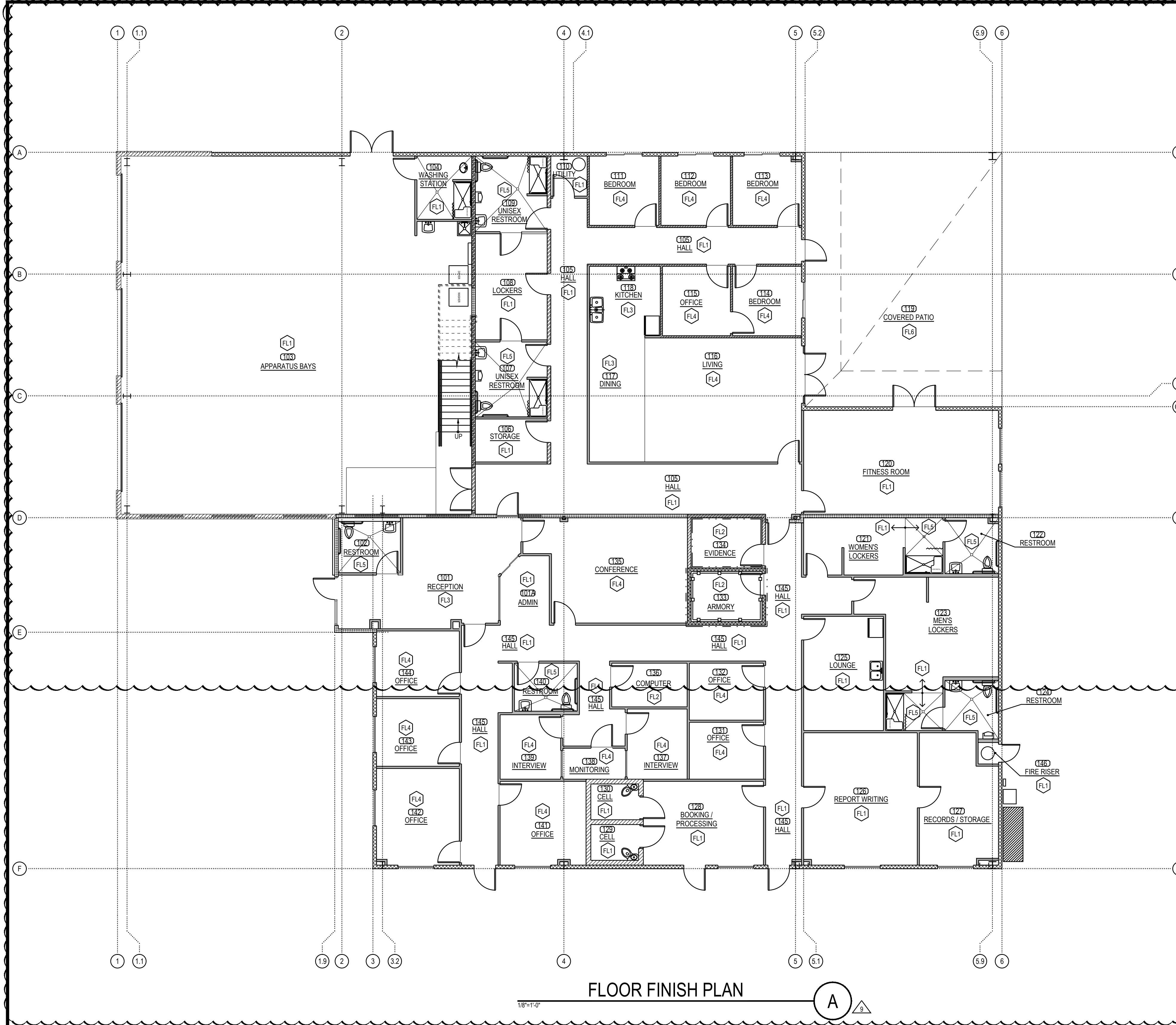
REVISIONS		
NO.	DESCRIPTION	DATE
1	PLAN CHECK CHANGES	02-01-17
6	PRE-80 REVISIONS	04-21-17

REGISTERED ARCHITECT  
**HOWARD RUMSEY**  
 No. 16619  
 Exp. 3-31-2019  
 STATE OF CALIFORNIA

SHEET TITLE  
**DOOR &  
 WINDOW DETAILS**

DATE: \_\_\_\_\_ SCALE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ SHEET NUMBER:  
 PROJECT NO: \_\_\_\_\_ **A 8.1**

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FLOOR FINISH PLAN

ROOM ID	ROOM NAME	FLOOR	BASE	NORTH WALL		SOUTH WALL		EAST WALL		WEST WALL		CEILING		REMARKS
				MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
101	RECEPTION	FL3	B1	W9	F3F9	W9W5	F3	W5	F3	W5	F3	C1	F10	N3-N8
101A	ADMIN	FL1	B2	W5	F3	-	-	W5	F3	W5	F3	C2	-	10'-0"
102	RESTROOM	FL5	B4	W9	F3	W5	F3	W5	F3	W9	F3	C3	F10	N1-N8
103	APARATUS BAYS	FL1	B2	W1	F4	W9	F4	W9	F4	W2	F4	C5	-	N3-N8
104	WASHING STATION	FL1	B3	W1	F3	W5	F3	W9	F3	W2	F3	C3	F10	8'-0"
105	HALL	FL1	B2	W5W6	F1F3	W5W6	F1F3	W1W5	F1F3	W9W10	F3	C2	F10	10'-0"
106	STORAGE	FL1	B2	W5	F3	W5	F3	W10	F3	W9	F3	C5	-	N3-N8
107	UNISEX RESTROOM	FL5	B3B4	W5	F3	W5	F3F7	W10	F3F7	W9	F3	C3	F10	8'-0"
108	LOCKERS	FL1	B3	W5	F3	W5	F3	W10	F3	W9	F3	C3	F10	8'-0"
109	UNISEX RESTROOM	FL5	B3B4	W1	F3F7	W5	F3	W10	F3F7	W9	F3	C3	F10	8'-0"
110	UTILITY	FL1	B2	W1	F4	W5	F4	W6	F4	W10	F4	C5	-	N3-N8
111	BEDROOM	FL4	B1	W1	F2	W6	F2	W6	F2	W6	F8	C3	F10	10'-0"
112	BEDROOM	FL4	B1	W1	F2	W6	F2	W6	F2	W6	F8	C3	F10	10'-0"
113	BEDROOM	FL4	B1	W1	F2	W6	F2	W1	F2	W6	F8	C3	F10	10'-0"
114	BEDROOM	FL4	B1	W6	F2	W6	F8	W1	F2	W6	F2	C3	F10	10'-0"
115	OFFICE	FL4	B1	W6	F2	W5	F2	W6	F2	W5	F2	C2	-	N3-N8
116	LIVING	FL4	B1	W6	F2	W5	F2	W5W1	F2	W5	F9	C2	-	10'-0"
117	DINING	FL3	B1	W6	F7	W5	F2	W5	F2	W5	F9	C2	-	10'-0"
118	KITCHEN	FL3	B1	W6	F7	W5	F2	W6	F7	W5	F7	C3	F10	10'-0"
119	COVERED PATIO	FL6	B2	-	-	W1	-	-	-	W1	-	C5	-	N3-N8
120	FITNESS ROOM	FL1	B2	W1	F3	W9	F3	W1	F3	W5	F3	C2	F10	10'-0"
121	WOMEN'S LOCKERS	FL1FL5	B3B4	W9	F3	W5	F3F7	W5	F3F7	W5	F3	C3	F10	8'-0"
122	RESTROOM	FL5	B3	W9	F3	W5	F3	W1	F3	W5	F3	C3	F10	8'-0"
123	MEN'S LOCKERS	FL1FL5	B3B4	W5	F3	W5	F3	W1	F3	W5	F3	C3	F10	8'-0"
124	RESTROOM	FL5	B3	W5	F3	W5	F3	W1	F3	W5	F3	C3	F10	8'-0"
125	LOUNGE	FL1	B2	W5	F3	W5	F3	W5	F3	W5	F3	C2	-	10'-0"
126	REPORT WRITING	FL1	B2	W5	F2	W1	F2	W5	F2	W5	F2	C2	-	10'-0"
127	RECORDS/STORAGE	FL1	B2	W5	F3	W1	F3	W1	F3	W5	F3	C2	-	10'-0"
128	BOOKING/PROCESSING	FL1	B2	W5	F3	W1	F3	W5	F3	W5	F3	C2	-	10'-0"
129	CELL	FL1	B2	W3	F3	W3	F3	W3	F3	W3	F3	C4	F10	10'-0"
130	CELL	FL1	B2	W3	F3	W3	F3	W3	F3	W3	F3	C4	F10	10'-0"
131	OFFICE	FL4	B2	W5	F2	W5	F2	W5	F2	W5	F2	C2	-	10'-0"
132	OFFICE	FL4	B2	W5	F2	W5	F2	W5	F2	W5	F2	C2	-	10'-0"
133	ARMORY	FL2	B2	W4	F3	W4	F3	W4	F3	W4	F3	C4	F10	8'-0"
134	EVIDENCE	FL2	B2	W8	F3	W4	F3	W7	F3	W7	F3	C4	F10	8'-0"
135	CONFERENCE	FL4	B1	W9	F2	W5	F2	W7W4	F9	W5	F2	C2	-	10'-0"
136	COMPUTER	FL2	B2	W5	F3	W5	F3	W5	F3	W5	F3	C2	-	10'-0"
137	INTERVIEW	FL4	B4	W5	F2	W5W3	F2	W5	F2	W5	F2	C4	F10	10'-0"
138	MONITORING	FL4	B4	W5	F2	W5W3	F2	W5	F2	W5	F2	C2	-	10'-0"
139	INTERVIEW	FL4	B2	W5	F2	W5	F2	W5	F2	W5	F2	C4	F10	10'-0"
140	RESTROOM	FL5	B3	W5	F3	W5	F3	W5	F3	W5	F3	C3	F10	8'-0"
141	OFFICE	FL4	B2	W5	F2	W1	F2	W5	F2	W5	F2	C2	-	10'-0"
142	OFFICE	FL4	B2	W5	F2	W1	F2	W5	F2	W1	F2	C2	-	10'-0"
143	OFFICE	FL4	B2	W5	F2	W5	F2	W5	F2	W1	F2	C2	-	10'-0"
144	OFFICE	FL4	B2	W5	F2	W5	F2	W5	F2	W1	F2	C2	-	10'-0"
145	HALL	FL1	B2	W5	F3	W1	F5	W5	F3F5	W5	F3F5	C2	F10	10'-0"
146	FIRE RISER	FL1	B2	W5	F4	W5	F4	W5	F4	W5	F4	C5	-	N3-N8
203	LOFT/STORAGE AREA	FL1	B2	W1	F3	W9	F3	W9	F1	W10	F3	C5	-	N3-N8

**FLOORS:**

FL1 POLISHED CONCRETE BY ULTRAFLO OR EQUAL  
 FL2 12x12 VCT EXCELOR SDT ELECTRO-STATIC DISSIPATIVE TILE, COLOR FOSSIL GRAY, #51956 VINYL COMPOSITION TILE (VCT) BY ARMSTRONG OR EQUAL  
 FL3 FOREST PARK CERAMIC TILE BY DALTELE OR EQUAL, COLOR: SUGAR MAPLE F796  
 FL4 COLOR BEAT CARPET TILE BY MOHAWK 128Y36 OR EQUAL, COLOR: LUNAR 933  
 FL5 12x12 SEVERINO CERAMIC TILE BY DALTELE, COLOR: GENEVE F03 S198  
 FL6 NATURAL GRAY CONCRETE w/ LIGHT BROOM FINISH

**BASES:**

B1 4" MAPLE WOOD BASE W/STAIN FINISH  
 B2 6" VINYL BASE - GREY  
 B3 6" INTEGRAL COVE BASE  
 B4 6" COVE TILE BASE

**WALL MATERIAL:**

W1 6" METAL STUDS INFILLED BETWEEN STEEL BUILDING MANUFACTURER'S STRUCTURE w/ METAL EXTERIOR PANELS AND 5/8" GYPSUM BOARD ON INTERIOR SIDE  
 W2 6" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL w/ METAL FRAMING ABOVE  
 W3 8" CMU WALL, SOLID GROUTED, PARTIAL HEIGHT WALL  
 W4 NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 1 LAYER OF 5/8" TYPE 'X' GYPSUM BOARD OVER SECURITY MESH (ON ONE SIDE) AND 5/8" TYPE 'X' GYPSUM BOARD OVER 1 LAYER OF U752 LEVEL 3 BALLISTIC PROTECTIVE SHEET

**WALL MATERIAL - (CONT.)**

W5 NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE  
 W6 NON BEARING INTERIOR WALL, 3 5/8" STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE (UL DESIGN U419)  
 W7 NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYP. BD. EA. SIDE, PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL.  
 W8 NON-BEARING INTERIOR WALL, 6" METAL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYP. BD. EA. SIDE, PROVIDE SECURITY MESH 13 GA. UNDER GYPSUM BOARD ON EXTERIOR SIDE OF WALL. (UL DESIGN U419)  
 W9 6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" TYPE 'X' GYPSUM BOARD EACH SIDE. (DESIGN U419 OR U465)  
 W10 6" STEEL STUDS @ 16" O.C. (20 GA. MIN.) w/ 5/8" GYPSUM BOARD EACH SIDE

**CEILING MATERIAL:**

C1 ARMSTRONG - DESIGNER SERIES 1833, FINE FISURED, CLASS 'A' RATING, 24"x24" REGULAR EDGE  
 C2 ARMSTRONG - ARMATUFF 860, COURSE TEXTURE, CLASS 'A' RATING, 24"x48" SQUARE LAY-IN.  
 C3 5/8" GYPSUM BOARD OVER 6" METAL FRAMING MEMBERS @ 16" O.C.  
 C4 5/8" GYPSUM BOARD OVER 6" STRUCTURAL METAL STUD FRAMING MEMBERS @ 16" O.C., w/ ASTM 75-9F (9 GAUGE) EXPANDED METAL SECURITY MESH, OPEN TO STRUCTURE  
 C5 OPEN TO STRUCTURE

**NOTES:**

- ALL BASE IN TOILET ROOMS SHALL HAVE A MIN. 6" COVE. USE SEMI-GLOSS PAINT FINISH AT SHOWERS, BATHROOMS, KITCHEN, AND ANY WET UTILITY AREAS.
- WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC 1-803.5.
- INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL COMPLY WITH CBC 804.2 THROUGH 804.4.1.
- FOAM PLASTICS SHALL NOT BE USED AS INTERIOR FINISH EXCEPT AS PROVIDED IN CBC SECTIONS 2603.9 OR 2604. (CBC 801.2.2).
- PROVIDE TILE BACKER BOARD BEHIND ALL TOILETS, URINALS AND SINKS.
- ALL PLUMBING FIXTURES TO BE CAULKED WITH CLEAR SILICONE SEALANT.
- ALL RESTROOM FLOORS TO HAVE THREE COATS OF SEALER AND ALLOW 4-5 DAYS BETWEEN APPLICATIONS. FOR COVERED PATIO FINISHES, REFER TO EXTERIOR ELEVATIONS.

**GENERAL NOTES:**

- ALL MATERIALS IDENTIFIED ABOVE ARE THE BASIS OF DESIGN, CONTRACTOR MAY SUBMIT SUBSTITUTIONS THAT ARE EQUAL OR BETTER FOR REVIEW BY THE ARCHITECT AND THE OWNER.
- CONTRACTOR SHALL PROVIDE TRANSITION STRIPS AT ALL FLOORING TRANSITIONS BY SCHLUTER OR EQUAL, SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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 (760) 482-4236

PROJECT  
**WINTERHAVEN  
 PUBLIC SAFETY FACILITY**  
 WINTERHAVEN, CA

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	05-19-17
2	ISSUED FOR PERMIT	05-26-17
3	ISSUED FOR PERMIT	06-07-17



SHEET TITLE  
**FLOOR FINISH PLAN  
 & FINISH SCHEDULE**

SCALE: \_\_\_\_\_  
 DATE: \_\_\_\_\_  
 SHEET NUMBER: **A82**