

PROJECT DESCRIPTION & CODE ANALYSIS

BUILDING:
901 9TH ST NORTH
GREAT FALLS, MONTANA

PROJECT DESCRIPTION:
FIRE SPRINKLERS THROUGHOUT ENTIRE BUILDING
BATHROOM MODEL

FUTURE PLANNING:
LIKELY FUTURE CORRIDOR NEAR UTILITY/ELECTRICAL ROOM 112 DOOR.
CORRIDOR FIRE RATING REQUIRED = 0 HOURS (TABLE 1018.1 A,B,E,F,M,S,U SPRINKLED)

GENERAL NOTES

- A. GOVERNING CODES
- 1) INTERNATIONAL BUILDING CODE (IBC) 2012 EDITION
 - 2) AF&PA (NDS) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
 - 3) ICC/ANSI A117.1 STANDARD FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, 2017
- B. THIS STRUCTURE IS DESIGNED AS A COMPLETE UNIT AND THE CONTRACTOR SHALL SUPPORT ALL PARTS AS NECESSARY UNTIL ENTIRE CONSTRUCTION IS COMPLETE.
- C. RISK CATEGORY
RISK CATEGORY _____ III
- D. DESIGN LOADS AND CRITERIA
- 1) GRAVITY LOADS (PSF): _____ 20 PSF
 - CEILING STORAGE _____ 200 LBS.
 - CEILING LIVE LOAD (POINT LOAD) _____ 200 LBS.

MATERIALS

- A. MATERIAL:
- 1) CONCRETE: _____ PORTLAND CEMENT ASTM C150 TYPE I/II OR V
FLY ASH ASTM C615 C OR F 20% MAX BY WEIGHT
WATER/ CEMENT = RATIO = 0.45 MAX
28 DAY f'c = 4000 PSI
ENTRAINED AIR 9% TO 2%
3/4" MAX NORMAL WEIGHT AGGREGATE
 - 2) REINFORCING BARS: _____ ASTM A615 GRADE 60

WOOD FRAMING NOTES

- WOOD FRAMING
- 1) UNLESS NOTED OTHERWISE USE ANY SPECIES GRADED TO #2 OR BETTER UNLESS NOTED OTHERWISE. STUD GRADE ANY SPECIES IS PERMITTED FOR STUDS.
 - 2) USE APA RATED SHEATHING AS FOLLOWS:
TOP OF CEILING: _____ 5/8" 40/20 APA RATED SHEATHING, U.N.O.
 - 3) ALL BUILD-UP WOOD BEAMS ARE TO BE MADE FROM STRUCTURAL LUMBER PIECES THAT ARE UNSPLICED FULL LENGTH, BEARING TO BEARING. ALL BEAMS BEAR FULL ON POSTS SHOWN. ABUTTING BEAMS ARE TO HAVE BUTT JOINTS TIGHT AND CENTERED OVER POST.
 - 4) PRESSURE TREAT ALL LUMBER IN CONTACT WITH CONCRETE OR WITHIN 6" OF GROUND. PLACE SOLID BLOCKING BETWEEN JOIST BEARINGS OVER ALL SUPPORTING BEAMS OR WALLS. FOR ALL NAILING NOT SHOWN OTHERWISE, CONFORM TO UBC.
 - 5) FOR ALL OTHER NAILING NOT SHOWN, USE THE INTERNATIONAL BUILDING CODE FASTENING SCHEDULE.

901 9TH ST. N
GREAT FALLS, MONTANA

BATHROOM REMODEL

LACY & EBELING ENGINEERING INC.
PROJECT NO. 18-030

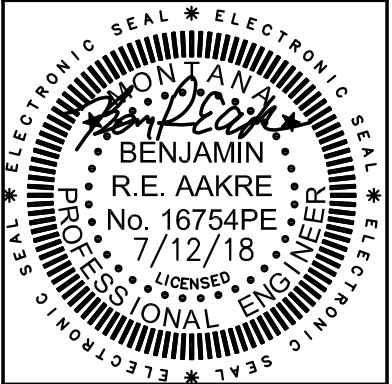
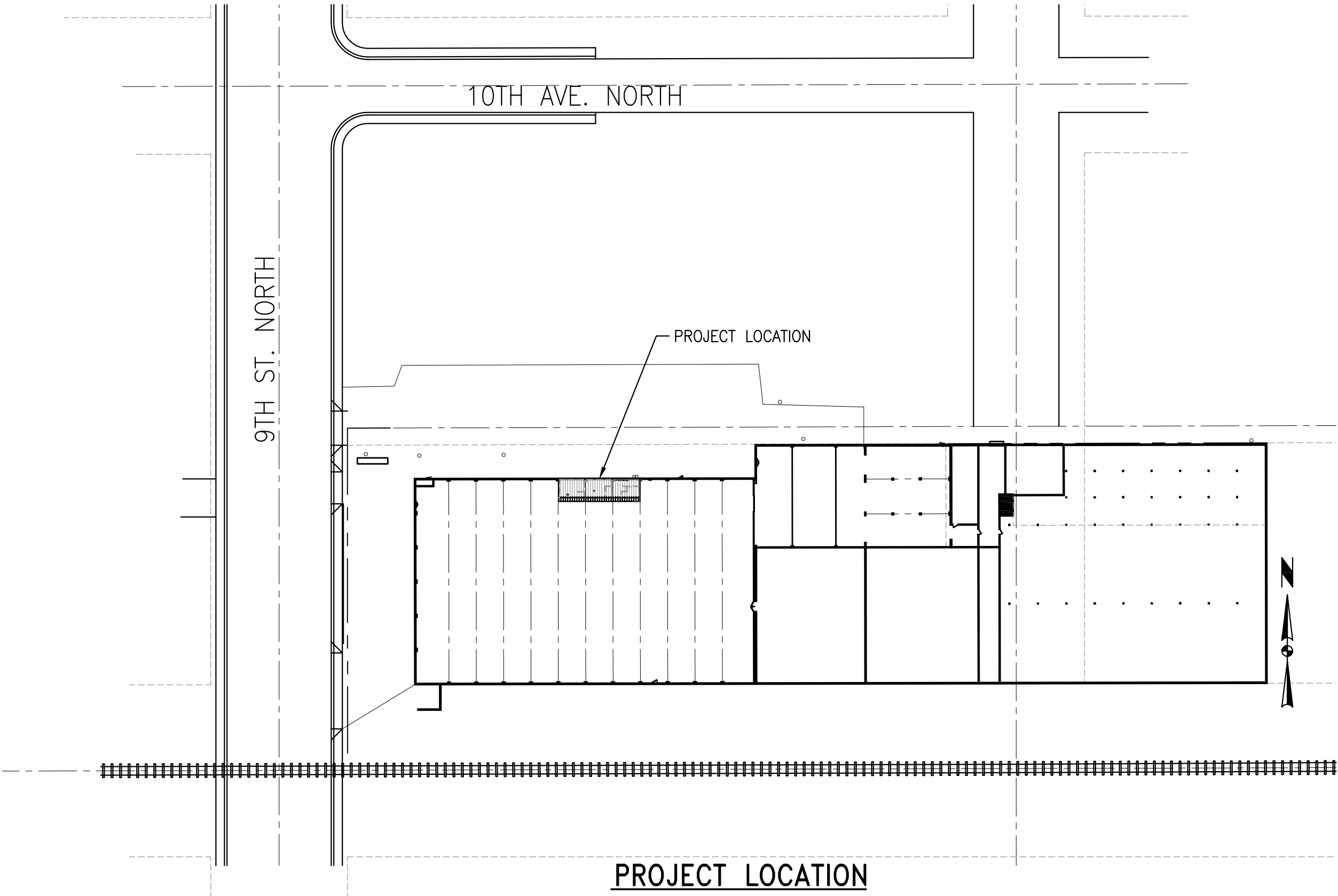
JULY 2018

SCHEDULE OF DRAWINGS	
SHEET NUMBER	SHEET DESCRIPTION
C1	COVER SHEET AND NOTES
D1	DEMOLITION – DEMOLITION PLAN
GA1	GENERAL ARRANGEMENT – FLOOR PLAN
GA2	GENERAL ARRANGEMENT – SECTIONS
GA3	GENERAL ARRANGEMENT – SECTIONS
GA4	GENERAL ARRANGEMENT – SECTIONS
S1	STRUCTURAL – CEILING FRAMING PLAN

NOTE: INFORMATION OBTAINED THROUGHOUT THIS SET OF PLANS WAS COMPILED FROM "AS BUILT" CONSTRUCTION DRAWINGS SUPPLIED BY OWNER AND LIMITED FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND DATA IN FIELD PRIOR TO FABRICATION OR CONSTRUCTION

COMPLY WITH ACCESSIBLE PRODUCTS AND MOUNTING LOCATIONS MEETING ANSI/ICC A117.1–17

COORDINATE PERTINENT DIMENSIONS FOR PRODUCTS, WITH MANUFACTURER WRITTEN INSTRUCTIONS



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GENERAL ARRANGEMENT
DEMOLITION PLAN

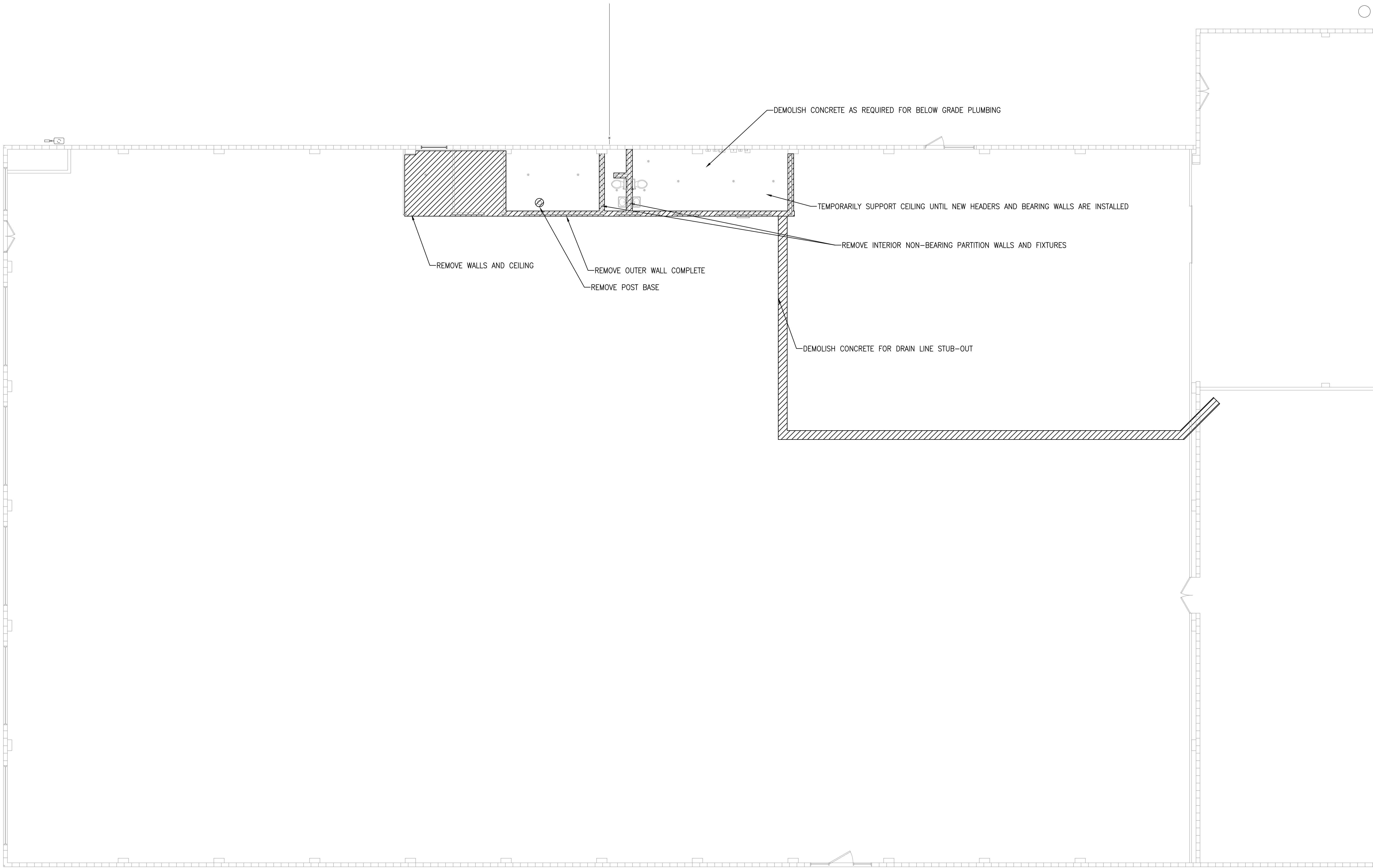
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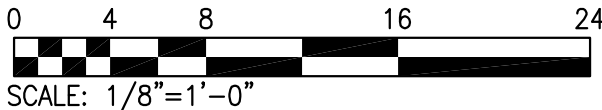
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C1

SHEET of

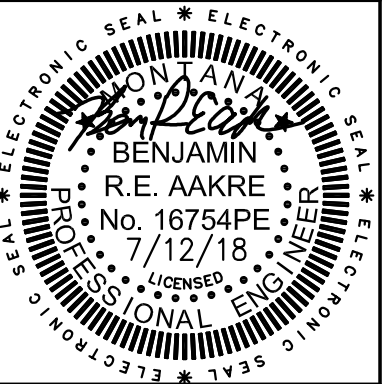


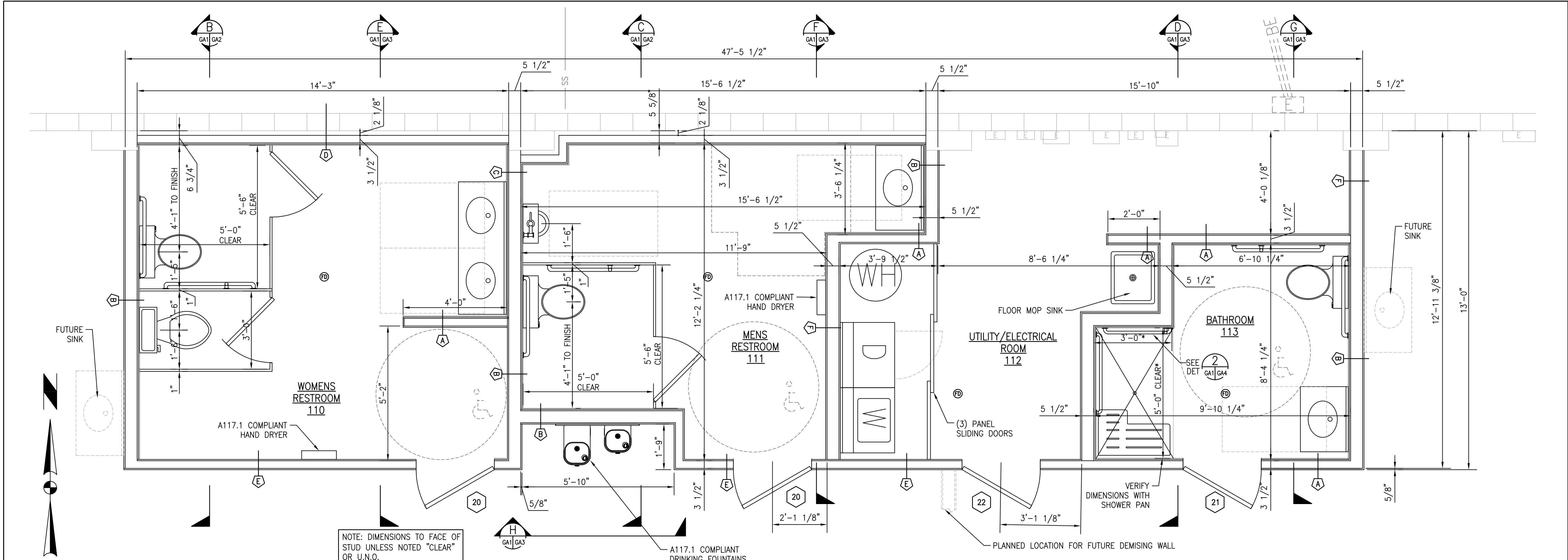
DEMOLITION PLAN
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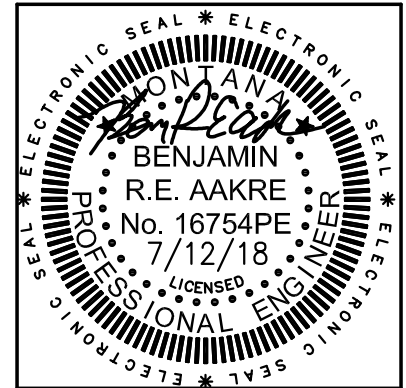
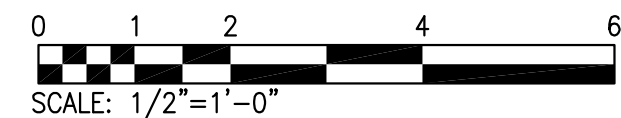
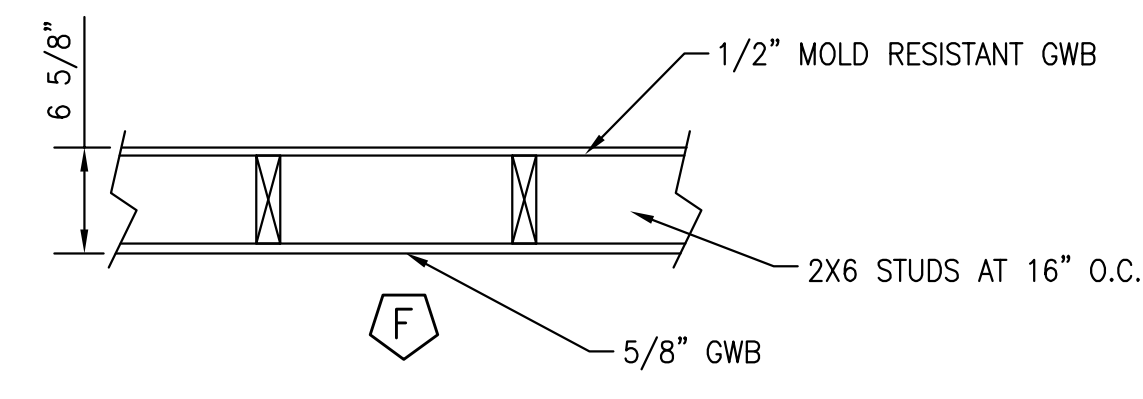
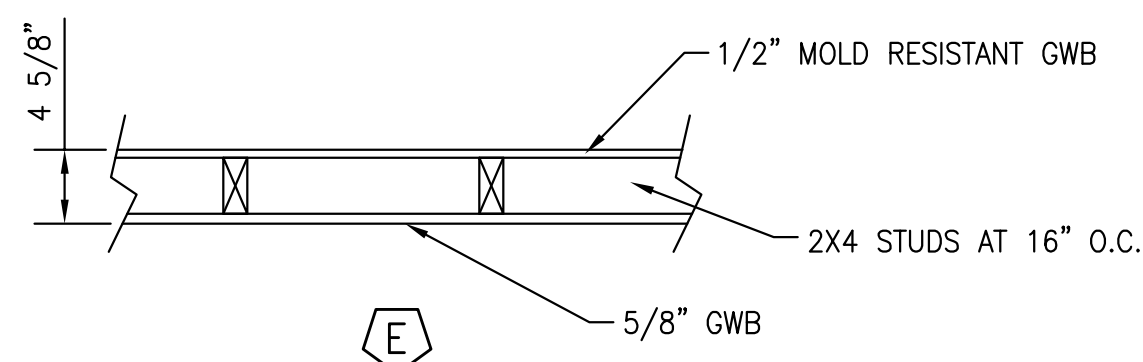
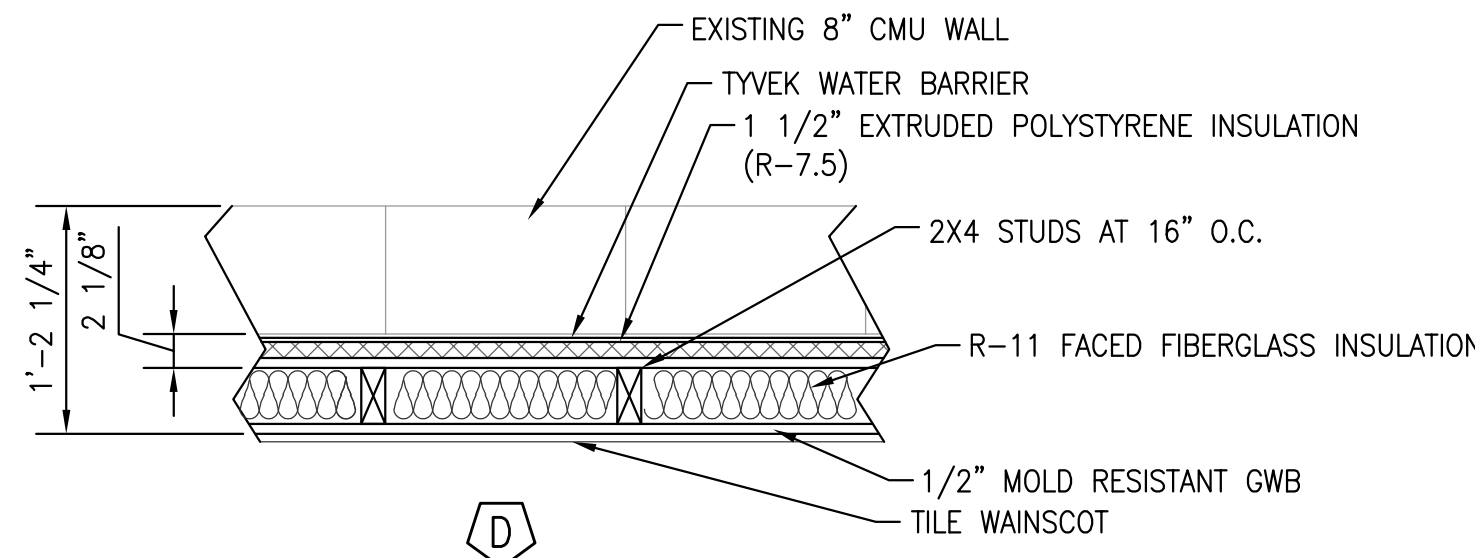
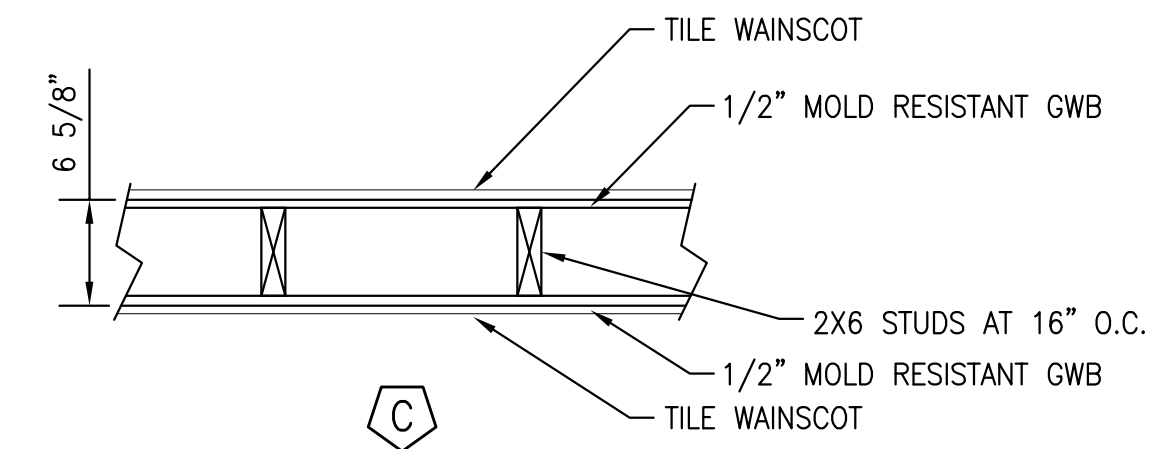
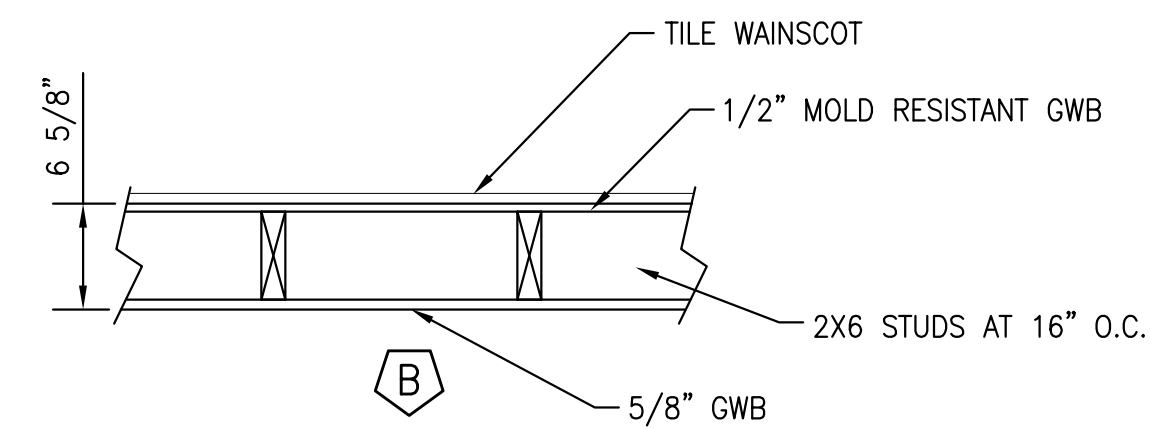
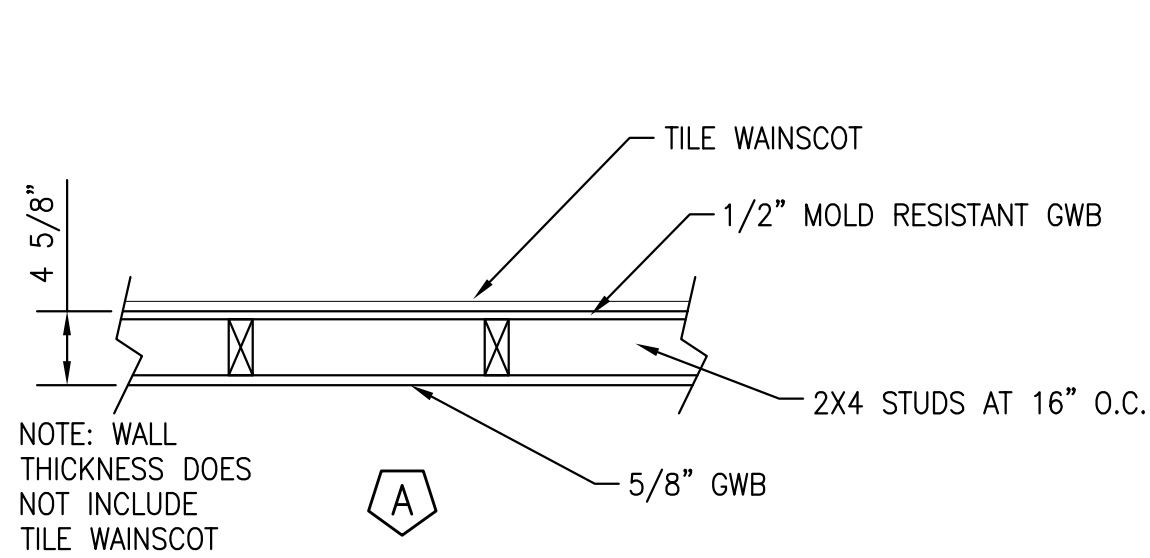
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FLOOR PLAN
SCALE: 1/2"=1'-0"



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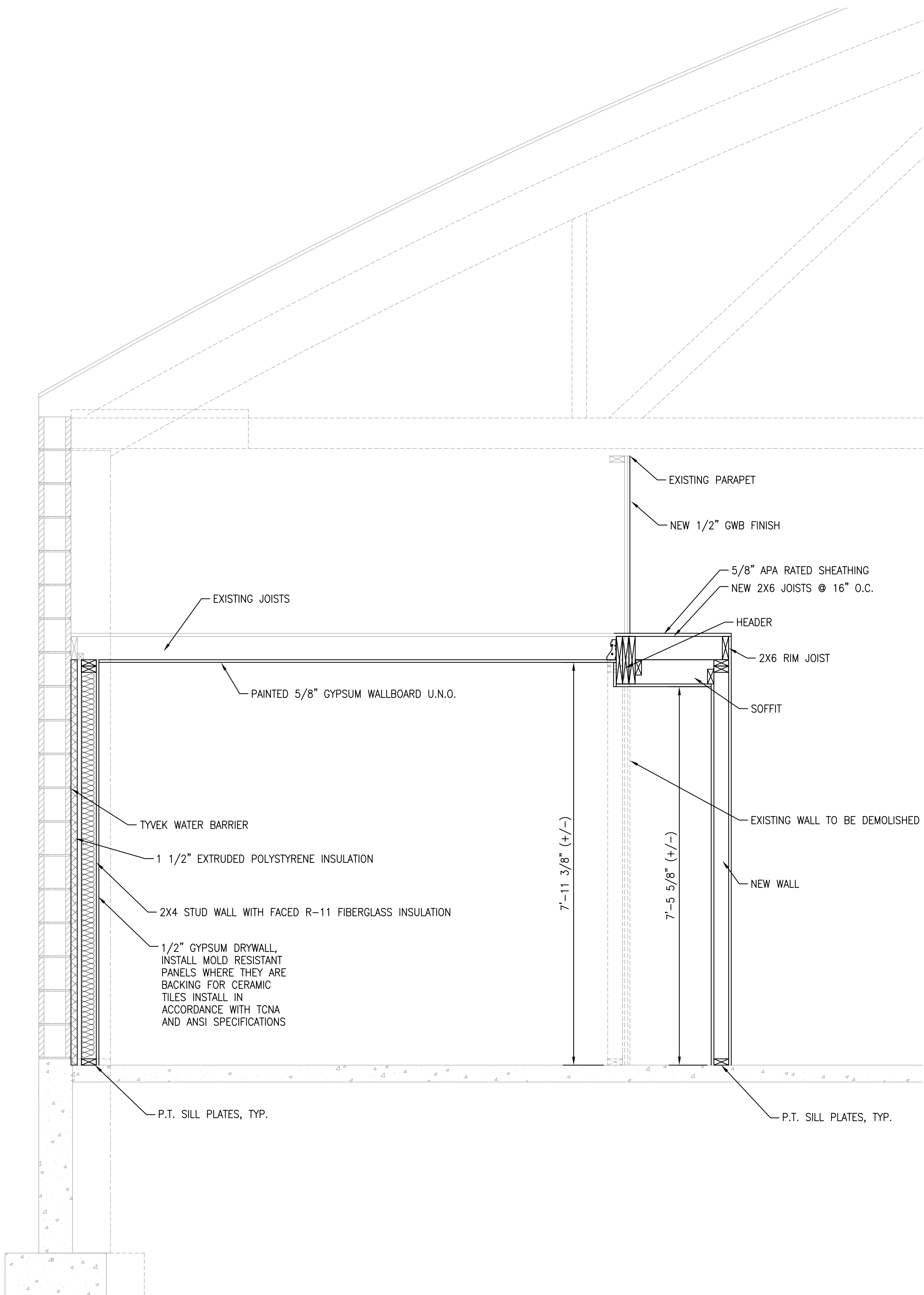
GENERAL ARRANGEMENT
FLOOR PLAN

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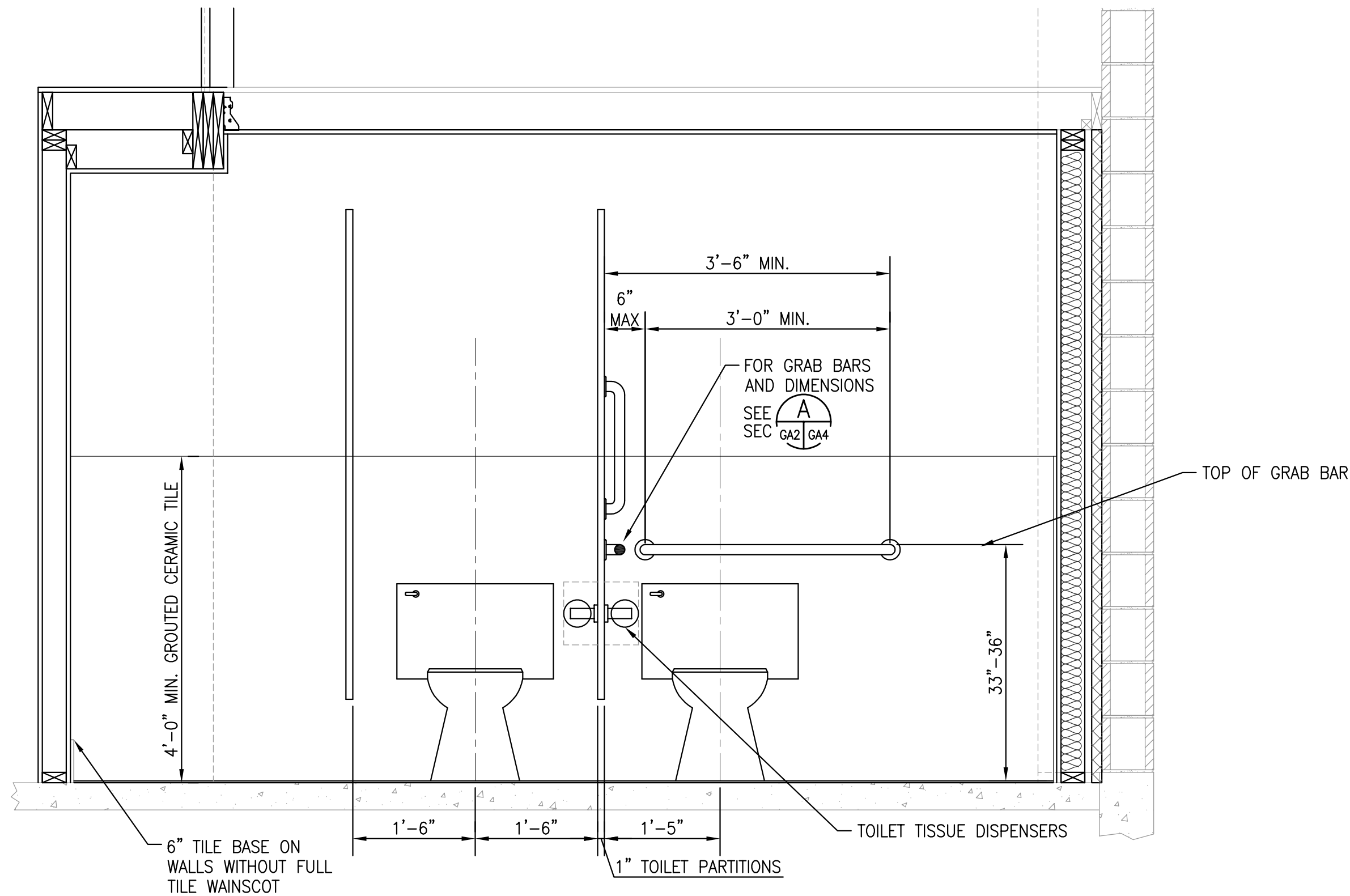
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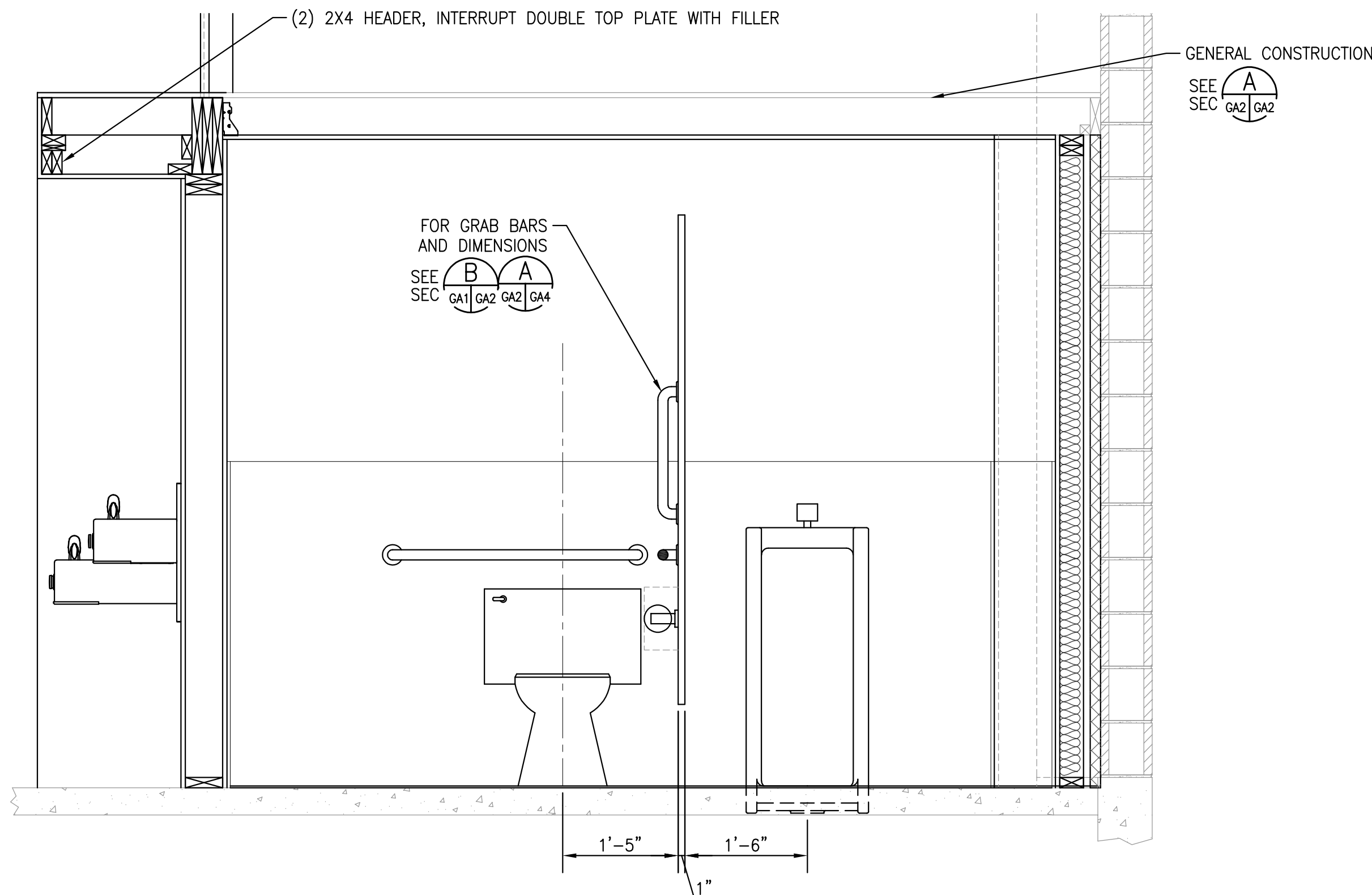
GA1
SHEET of



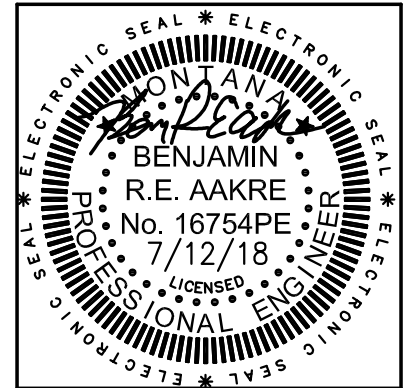
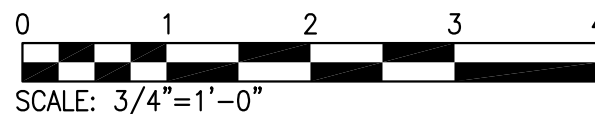
GENERAL SECTION
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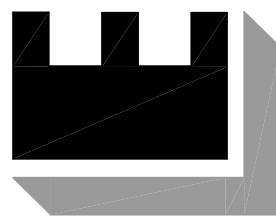
SECTION
SCALE: 3/4"=1'-0"



SECTION
SCALE: 3/4"=1'-0"



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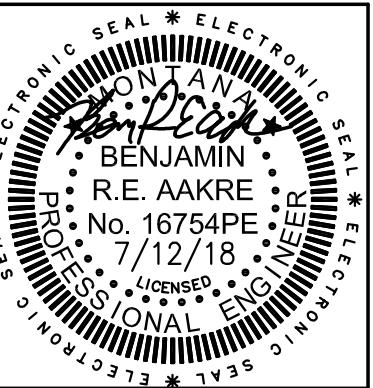
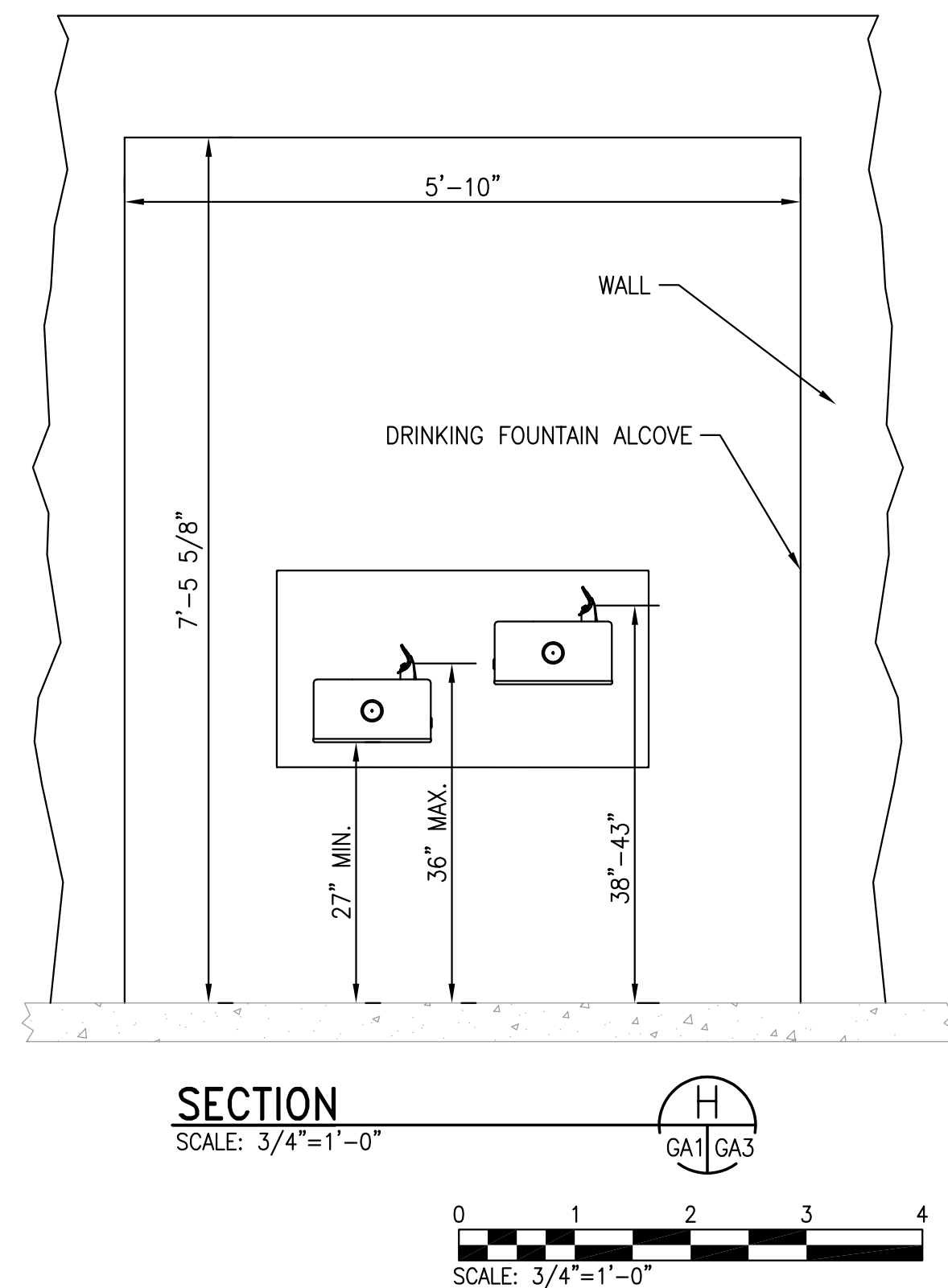
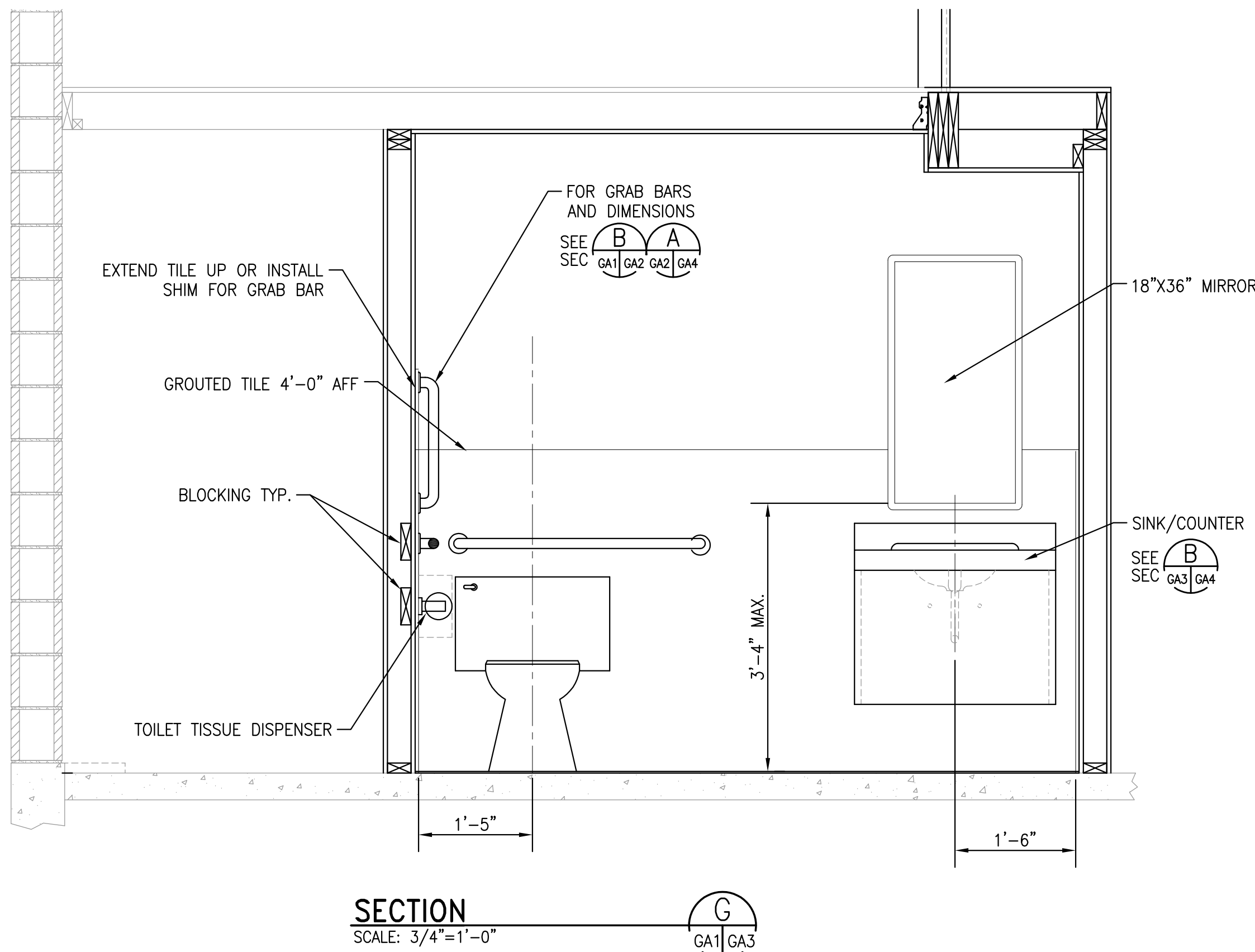
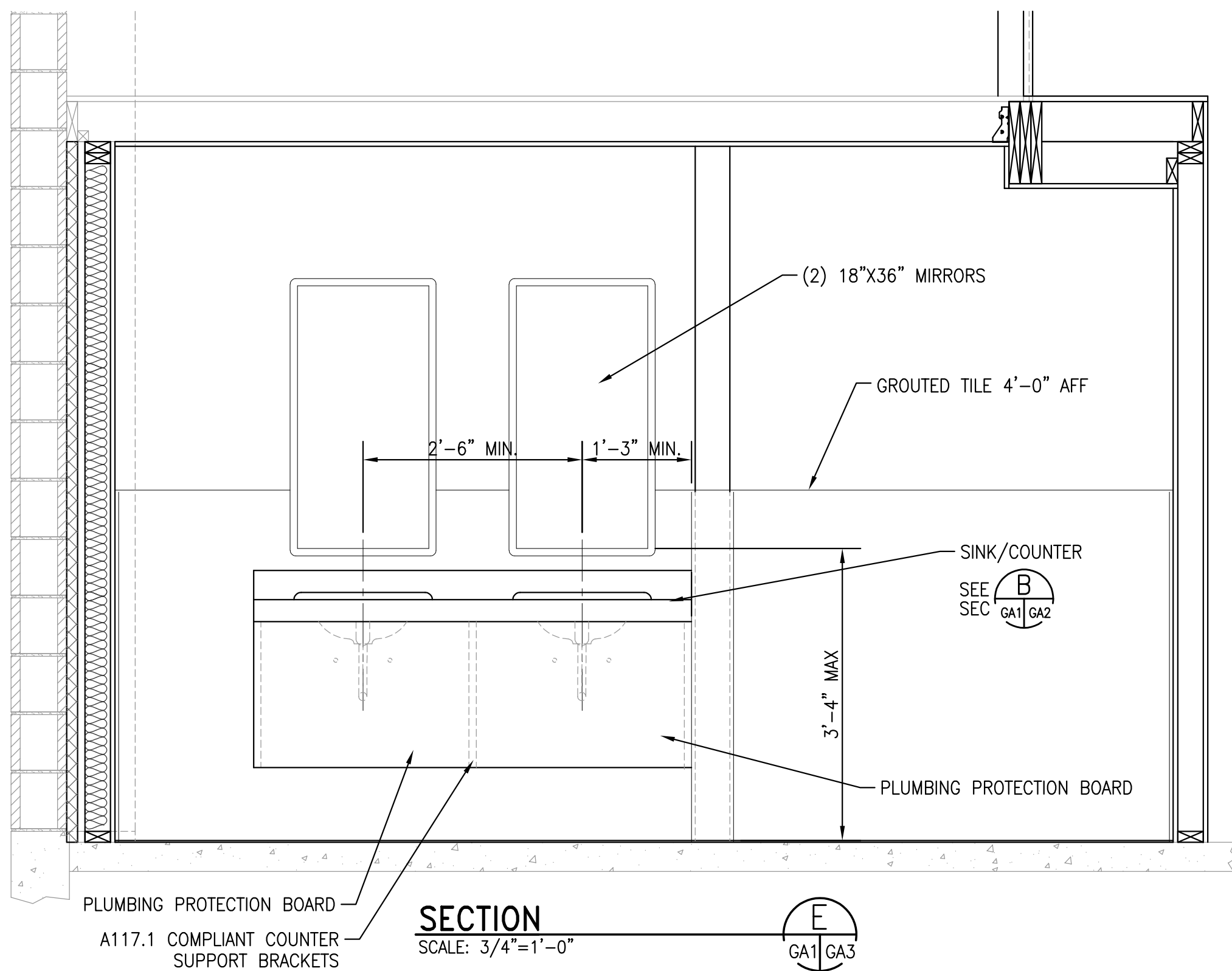
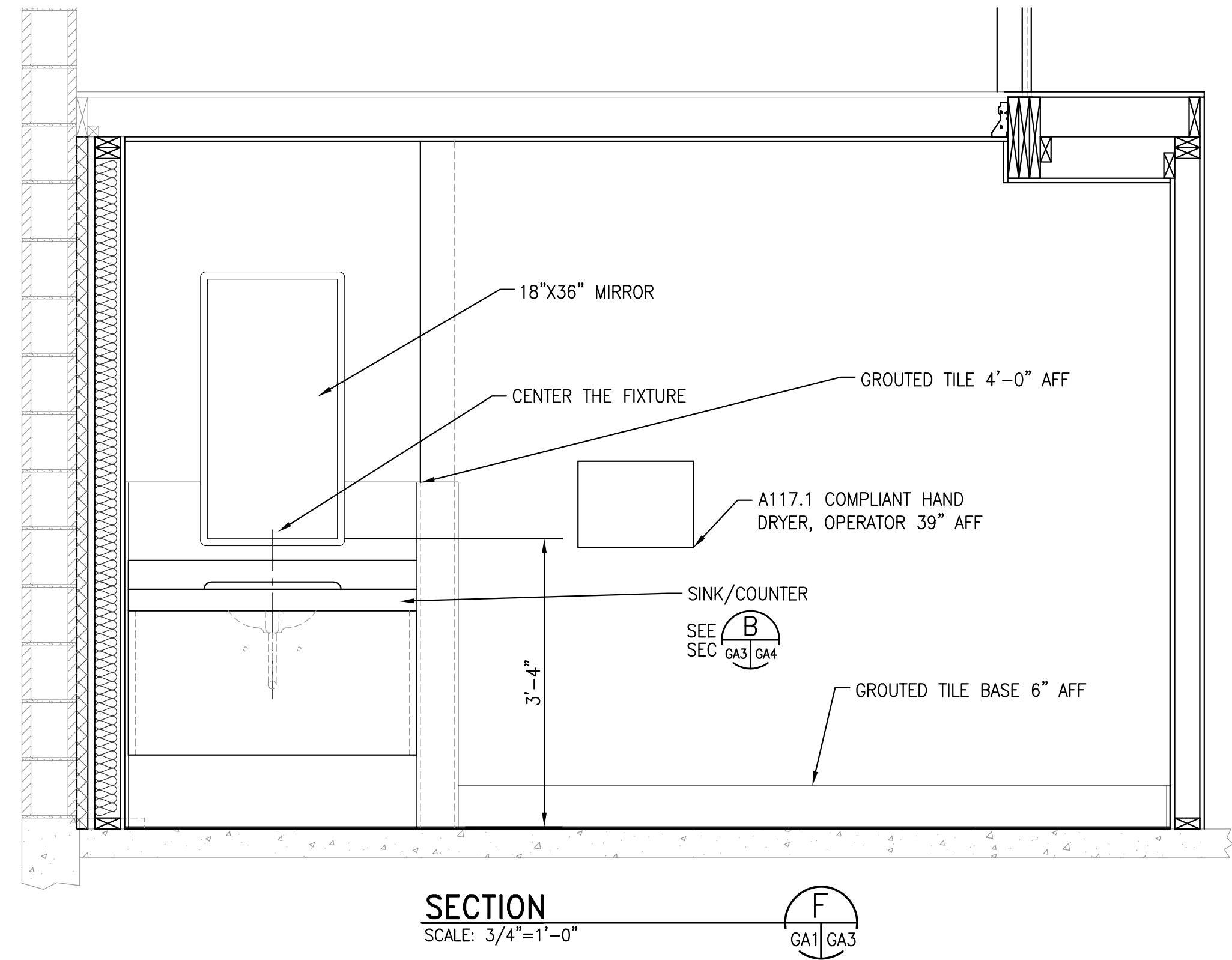
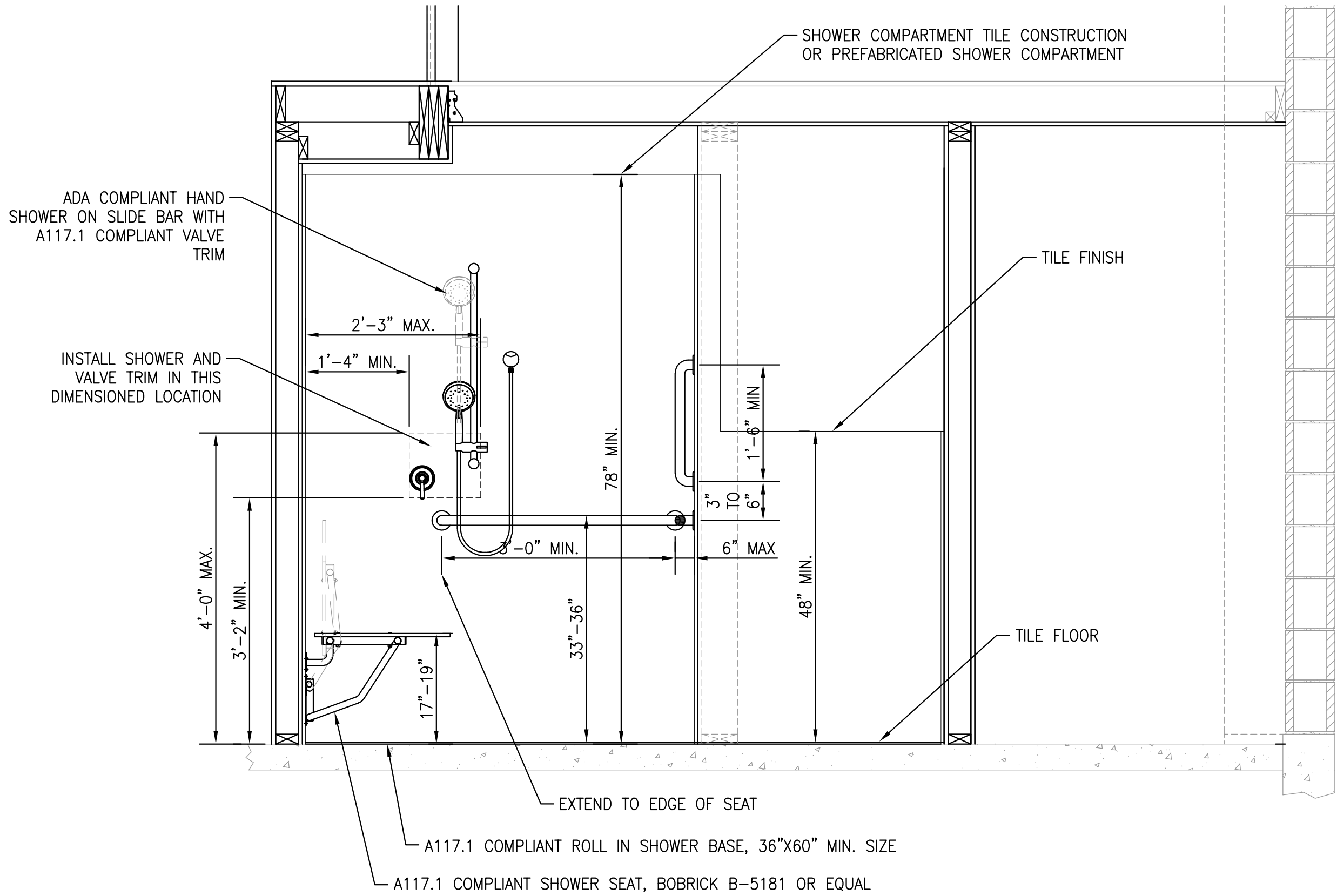
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GA2
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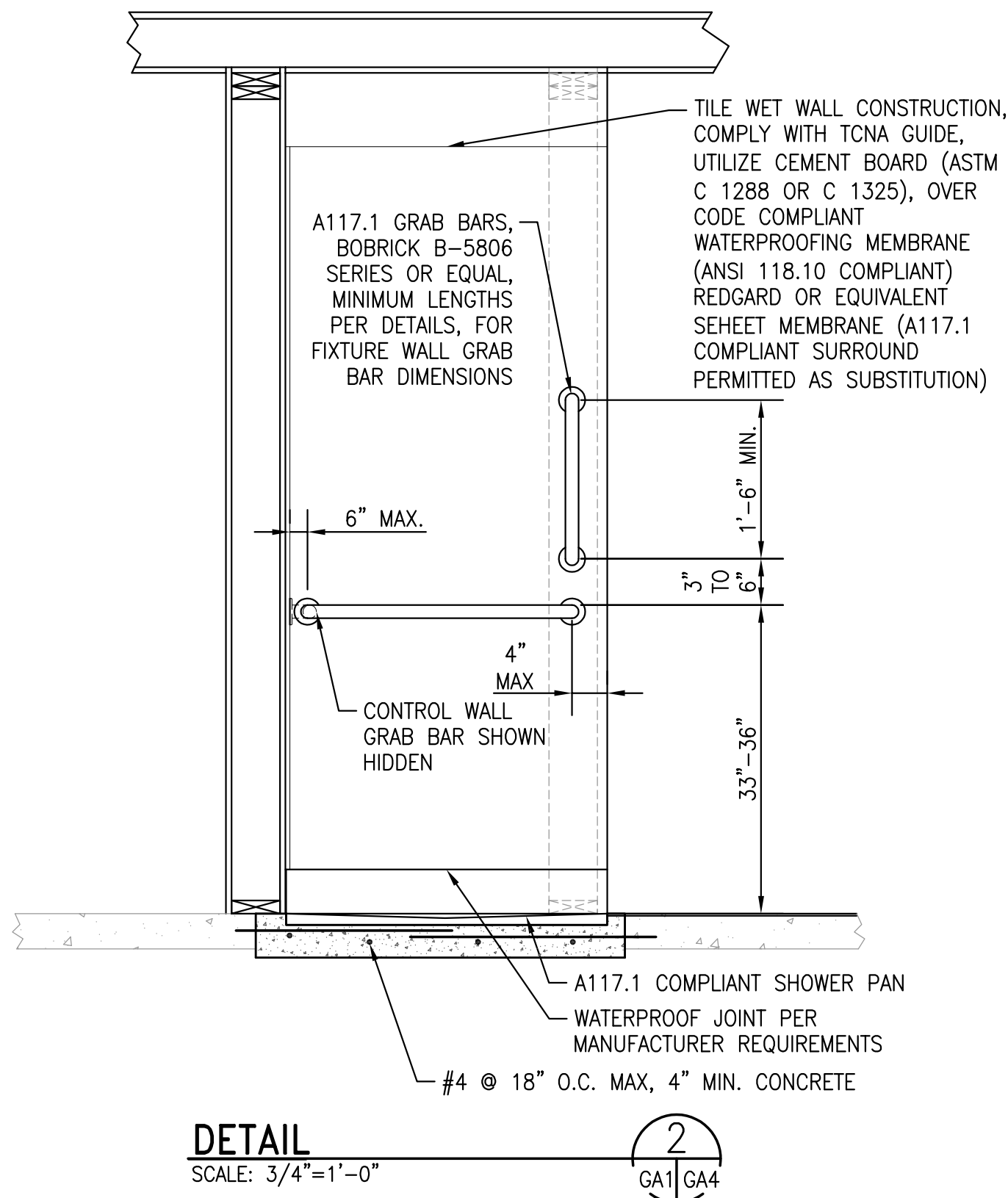
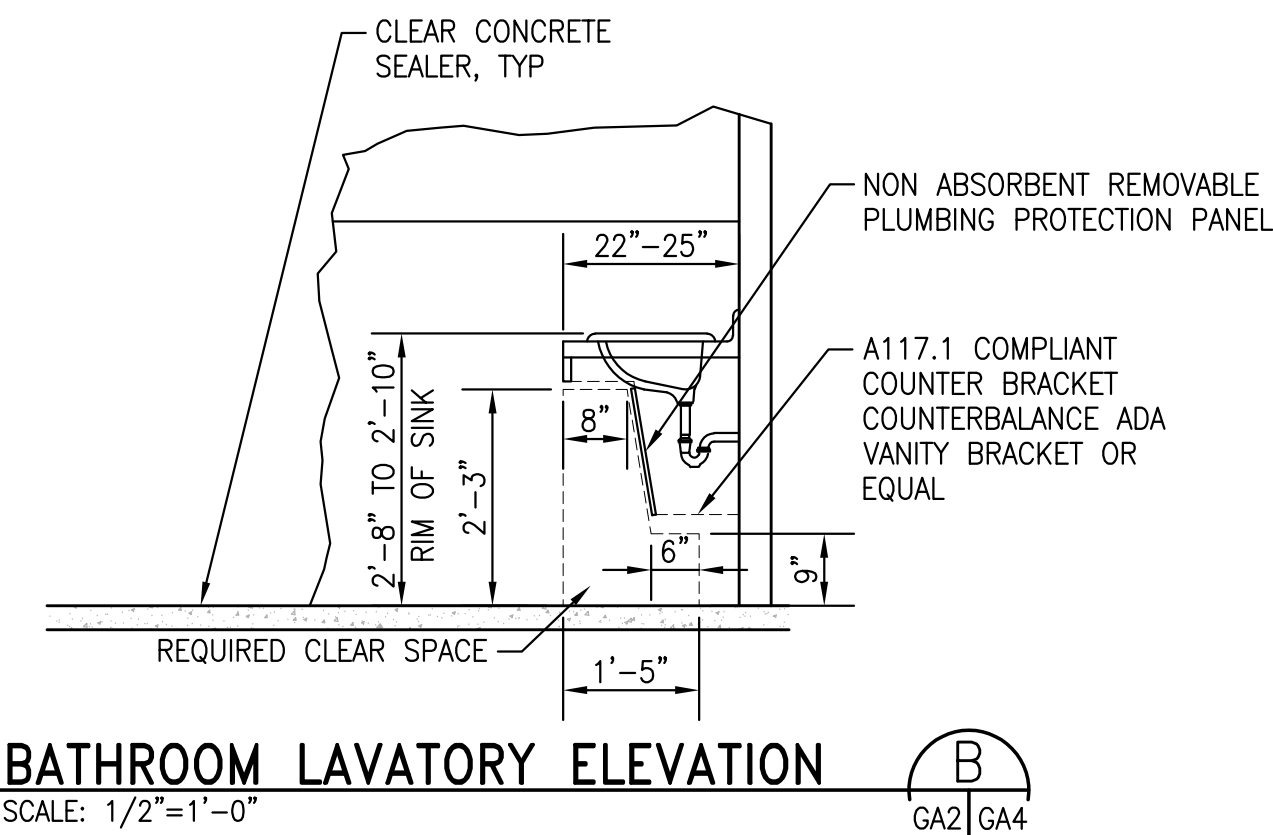
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GA3
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FINISH SCHEDULE										
BUILDING	ROOM		FLOOR	BASE	WALL		CEILING			REMARKS
	NO.	NAME			MATERIAL	PAINT SYS.	MATERIAL	PAINT SYS.	HEIGHT	
BATHROOM REMODEL	110	WOMENS RESTROOM	TILE	TILE WAINSCOT AND TILE BASE	1/2" GWB MOLD RESISTANT-TEXTURED PRIMED AND PAINTED TILE ON BOTTOM OF WALL (WAINSCOT/BASE)	B	5/8" GWB GYPSUM-TEXTURED PRIMED AND PAINTED	C	UNDERSIDE STRUCTURE (8'-0" +/-)	
	111	MENS RESTROOM	TILE	TILE WAINSCOT AND TILE BASE	1/2" GWB MOLD RESISTANT-TEXTURED PRIMED AND PAINTED TILE ON BOTTOM OF WALL (WAINSCOT/BASE)	B	5/8" GWB GYPSUM-TEXTURED PRIMED AND PAINTED	C	UNDERSIDE STRUCTURE (8'-0" +/-)	
	112	UTILITY/ELECTRICAL ROOM	CONCRETE	RUBBER BASE	5/8" GWB GYPSUM-TEXTURED PRIMED AND PAINTED	B	5/8" GWB GYPSUM-TEXTURED PRIMED AND PAINTED	C	UNDERSIDE STRUCTURE (8'-0" +/-)	
	113	BATHROOM	TILE	TILE WAINSCOT AND TILE BASE	1/2" GWB MOLD RESISTANT-TEXTURED PRIMED AND PAINTED TILE ON BOTTOM OF WALL (WAINSCOT/BASE)	B	5/8" GWB GYPSUM-TEXTURED PRIMED AND PAINTED	C	UNDERSIDE STRUCTURE (8'-0" +/-)	

DOOR SCHEDULE										
OPENING		DOOR		FRAME DETAILS				HDWR GROUP	REMARKS AND FIRE RATING	
MARK	SIZE	TYPE	MAT.	MAT.	HEAD	JAMB	SILL			
20	3'-0"x7'-0"	A	WOOD	WOOD	1 GA4	1 GA4	1 GA4	1	SINGLE INTERIOR DOOR, NON-KEYED	
21	3'-0"x7'-0"	A	WOOD	WOOD	1 GA4	1 GA4	1 GA4	2	SINGLE INTERIOR DOOR, NON-KEYED PRIVACY LOCK	
22	3'-0"x7'-0"	A	WOOD	WOOD	1 GA4	1 GA4	1 GA4	3	SINGLE INTERIOR DOOR, KEYED LOCK	

1. SEE FINISH SCHEDULE ON THIS SHEET FOR PAINT FINISH FOR DOORS AND FRAMES.



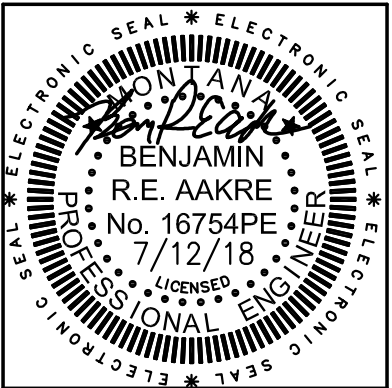
PAINT SYSTEMS: MANUFACTURER TOP OF THE LINE SYSTEM WITH PRIMER AND TWO FINISH COATS, COLORS BY OWNER

SYSTEM (A) = GLOSS FINISH

SYSTEM (B) = SEMI-GLOSS FINISH

SYSTEM (C) = EGGSHELL FINISH

1. PAINT NEW DOORS AND FRAMES PAINT SYSTEM(A).



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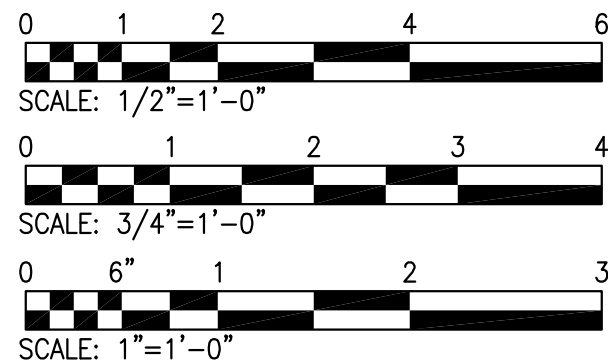
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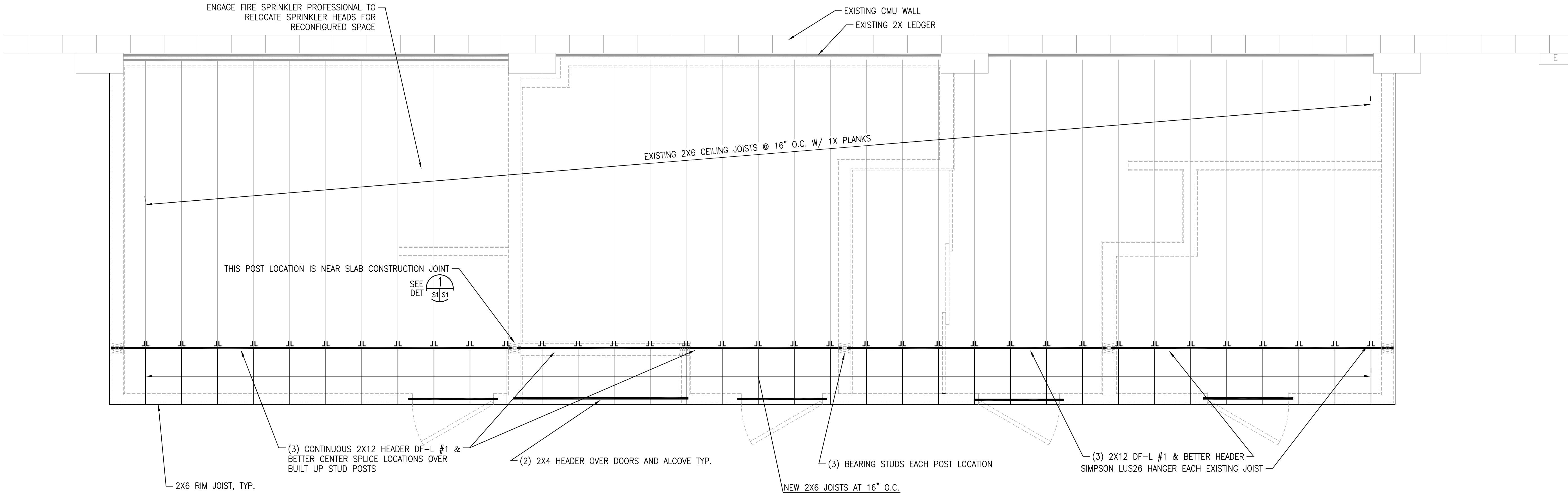
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DATE: DATE	JOB NUMBER: JOB NO
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CAD FILE: CAD FILE	

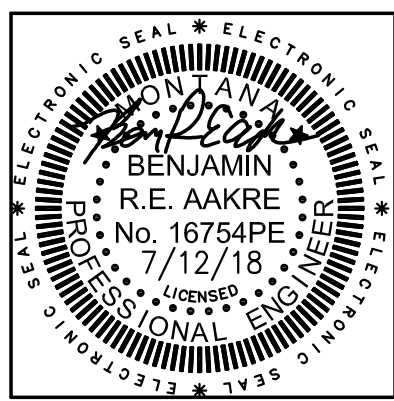
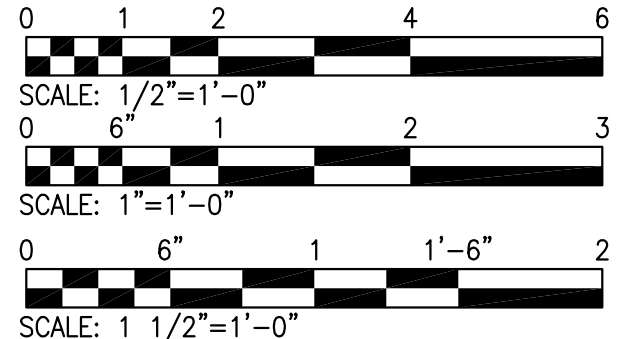
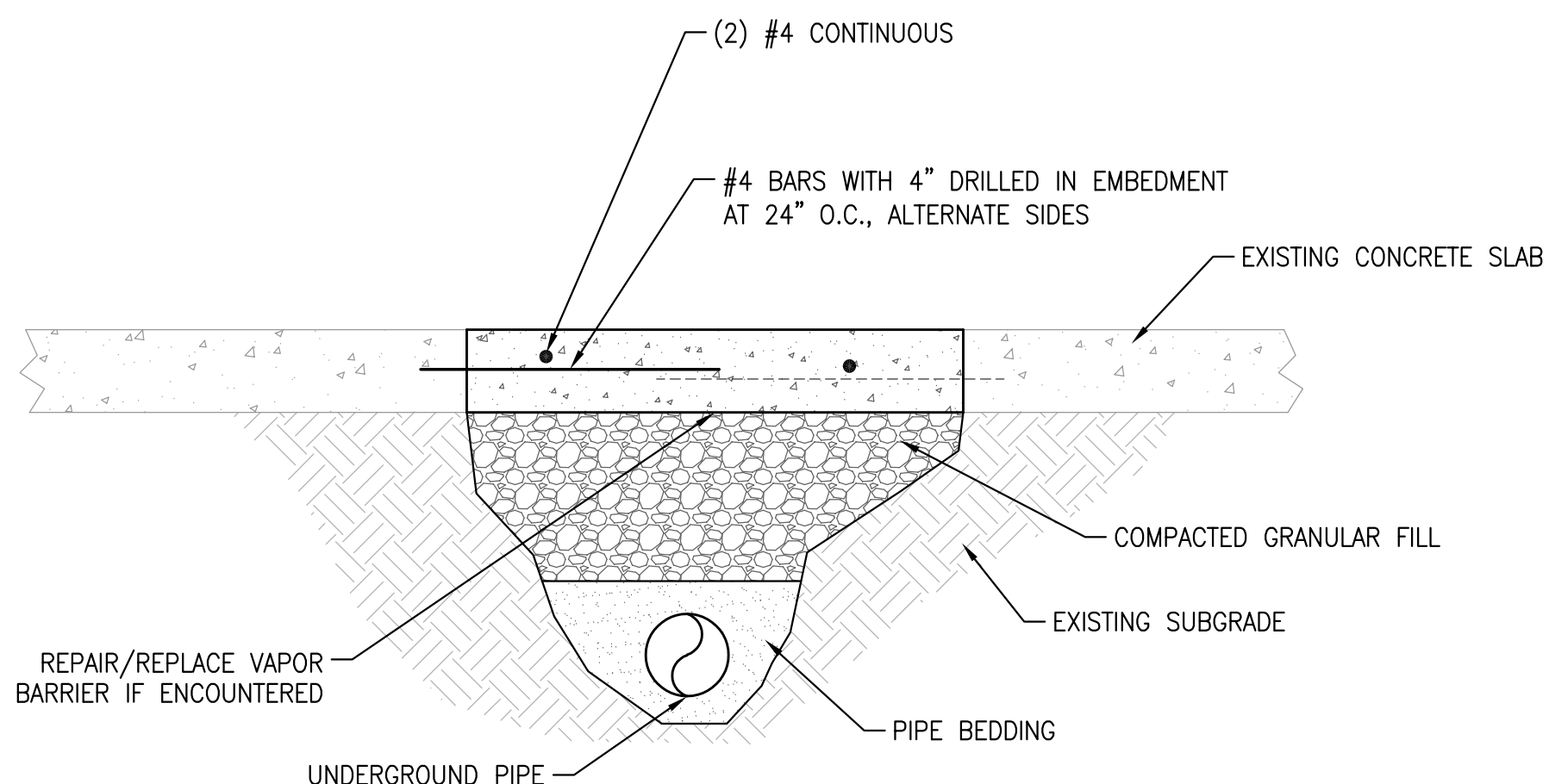
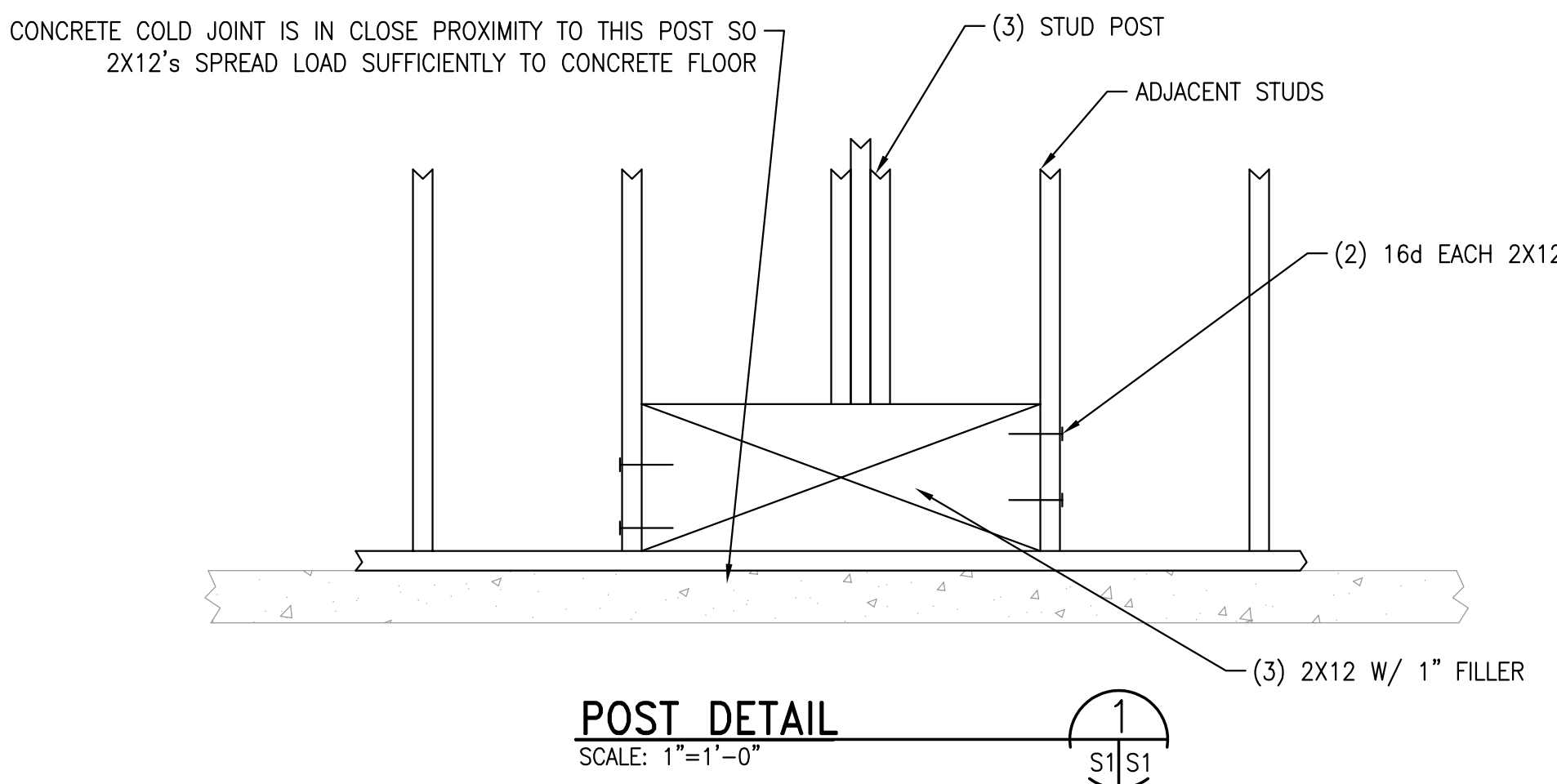
GA4

SHEET of





CEILING FRAMING PLAN
SCALE: 1/2"=1'-0"



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