

PROJECT: GREY'S PEAK RESTROOM W/ SCREEN WALL
LOCATION:
CONTRACTOR:
DATE:

STRUCTURAL ONLY

DESIGN PROPERTIES:

CONCRETE STRENGTH: 6,000 psi MIN.
 REBAR STRENGTH: 60,000 psi GRADE 60
 CONCRETE WEIGHT: 150 pcf
 STEEL STRENGTH: 36,000 psi
 WELDS: MIN 4" LONG $\frac{3}{16}$ " FILLET WELD

DESIGN LOADS:

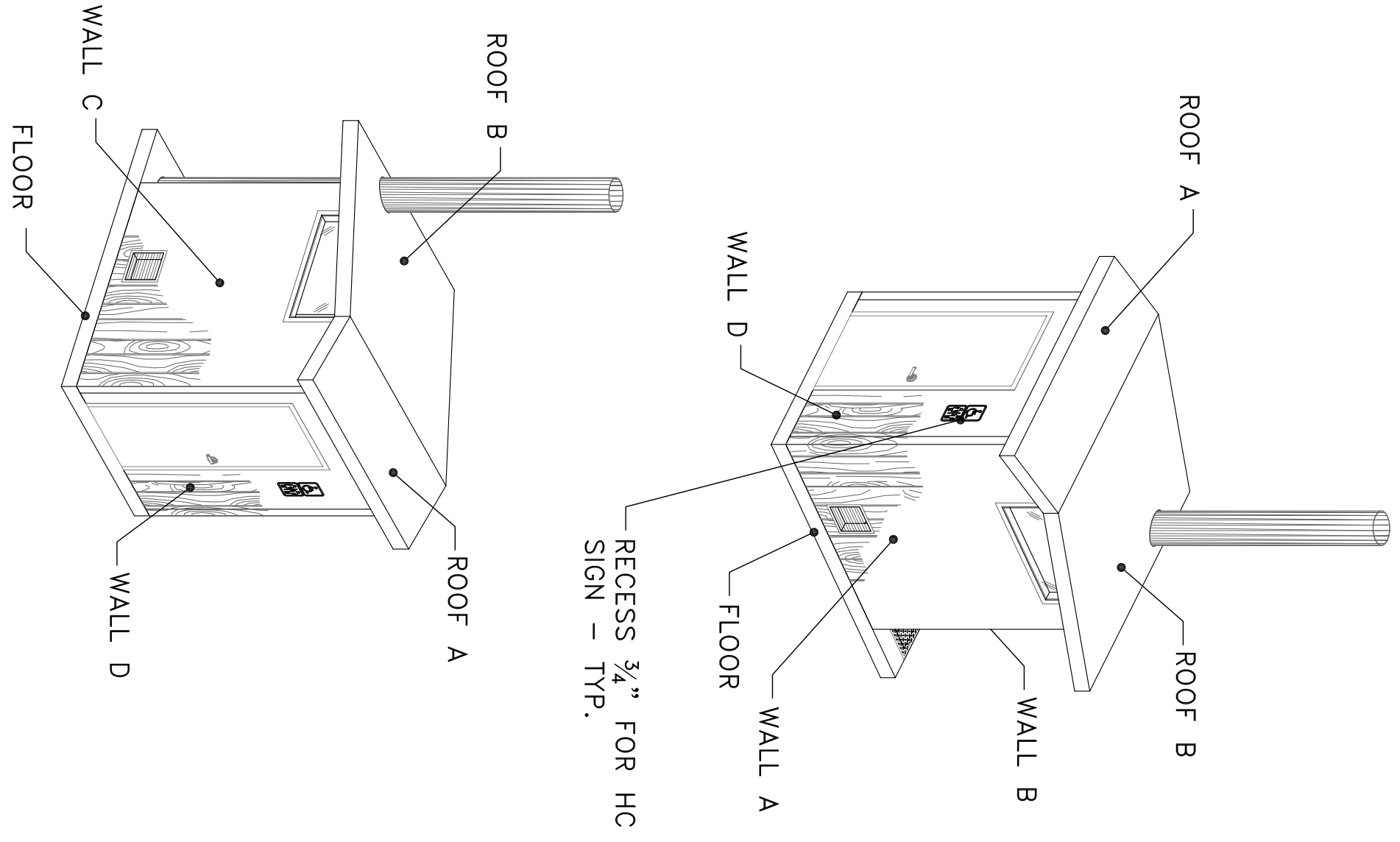
OCCUPANCY CATEGORY III
 WIND LOAD: 110 mph EXP. C (3 SEC GUST)
 KZT = 1.0, I = 1.15
 ROOF SNOW LOAD: 30 psf

DESIGN MANUALS:

IBC 2006
 ACI 318-08
 AISC LRFD 3rd ED.
 ASCE 7-05

NOTES:

1. BUILDING TO CONSIST OF FLOOR, FOUR EXTERIOR WALL PANELS AND TWO ROOF PANELS AND VAULT BELOW. VAULT TO CONSIST OF A FLOOR AND FOUR EXTERIOR WALLS.
2. VAULT TO BE STANDARD GREY CONCRETE.
3. ROOF PANELS TO BE STANDARD WEIGHT CONCRETE.
4. BUILDING TO BE ERECTED AT CPC BY CPC.
5. EXTERIOR DIMENSIONS OF BUILDING TO BE 12'- $\frac{3}{4}$ "x6'-6".
6. COLOR: STANDARD GREY CONCRETE WITH DAVIS COLORING, PER APPROVED SAMPLE.
7. EXTERIOR FINISH OF WALLS: BARNWOOD LINER, PER APPROVED SAMPLE.
8. EXTERIOR FINISH OF ROOF: SIM. CEDAR SHAKE, PER APPROVED SAMPLE.
9. INTERIOR FINISH OF WALLS, FLOOR AND ROOF: SMOOTH TROWEL FINISH.
10. ALL EMBED WELD PLATES TO BE SET RECESSED 1/2".
11. DOORS & EXTERIOR METAL TO BE PAINTED SHERWIN WILLIAMS "WALNUT BROWN".



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BUILDING	WEIGHT LBS EACH	C.Y. EACH
WALL A	2,013	0.67
WALL B	1,480	0.49
WALL C	2,013	0.67
WALL D	977	0.33
ROOF A	1,153	0.38
ROOF B	3,546	1.18
FLOOR	3,144	1.05
BUILDING TOTAL	14,326	4.77

VAULT	WEIGHT LBS EACH	C.Y. EACH
WALLS	3,435	1.15
FLOOR	3,780	1.26
VAULT TOTAL	22,920	2.41

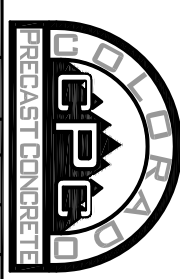
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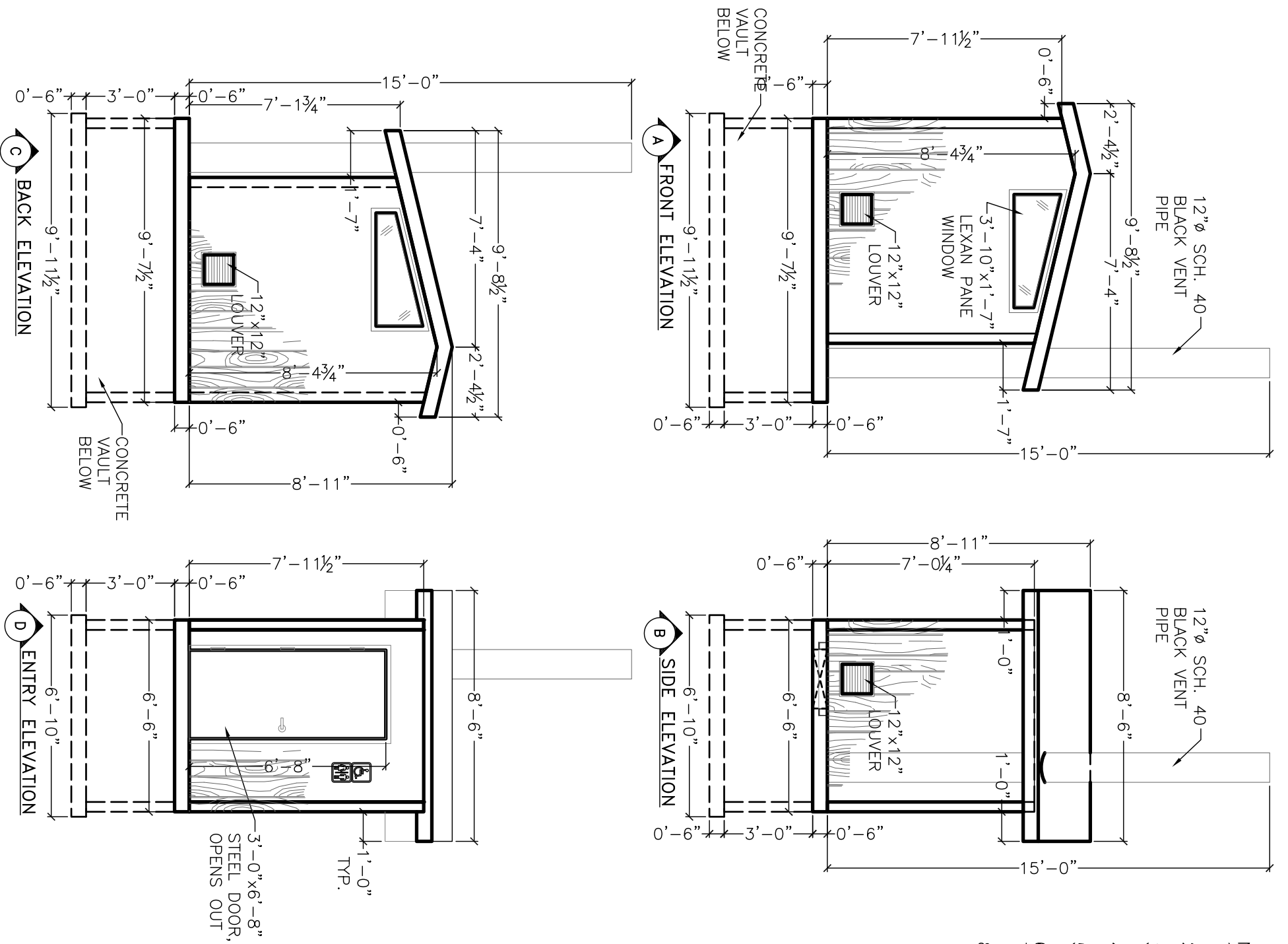
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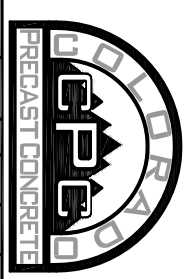
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- NOTES:
1. BUILDING TO CONSIST OF FLOOR, 4 WALL PANELS AND 2 ROOF PANELS.
 2. BUILDING TO BE ERRECTED AT COLORADO PRECAST AND DELIVERED AS COMPLETE.
 3. COLOR: STANDARD GREY CONCRETE WITH DAVIS COLORS. COLORANT PER APPROVED SAMPLE.
 4. EXTERIOR FINISH OF WALLS: SIMULATED WOOD SIDING FORM LINER FINISH.
 5. EXTERIOR FINISH OF ROOF: SIMULATED WOOD SHINGLE FORM LINER FINISH.
 6. INTERIOR FINISH: SMOOTH FINISH/PAINTED.
 7. PRECAST VAULT TO CONSIST OF FLOOR AND 4 EXTERIOR WALLS.
 8. MAXIMUM CAPACITY OF VAULT: 1,075 GALLONS

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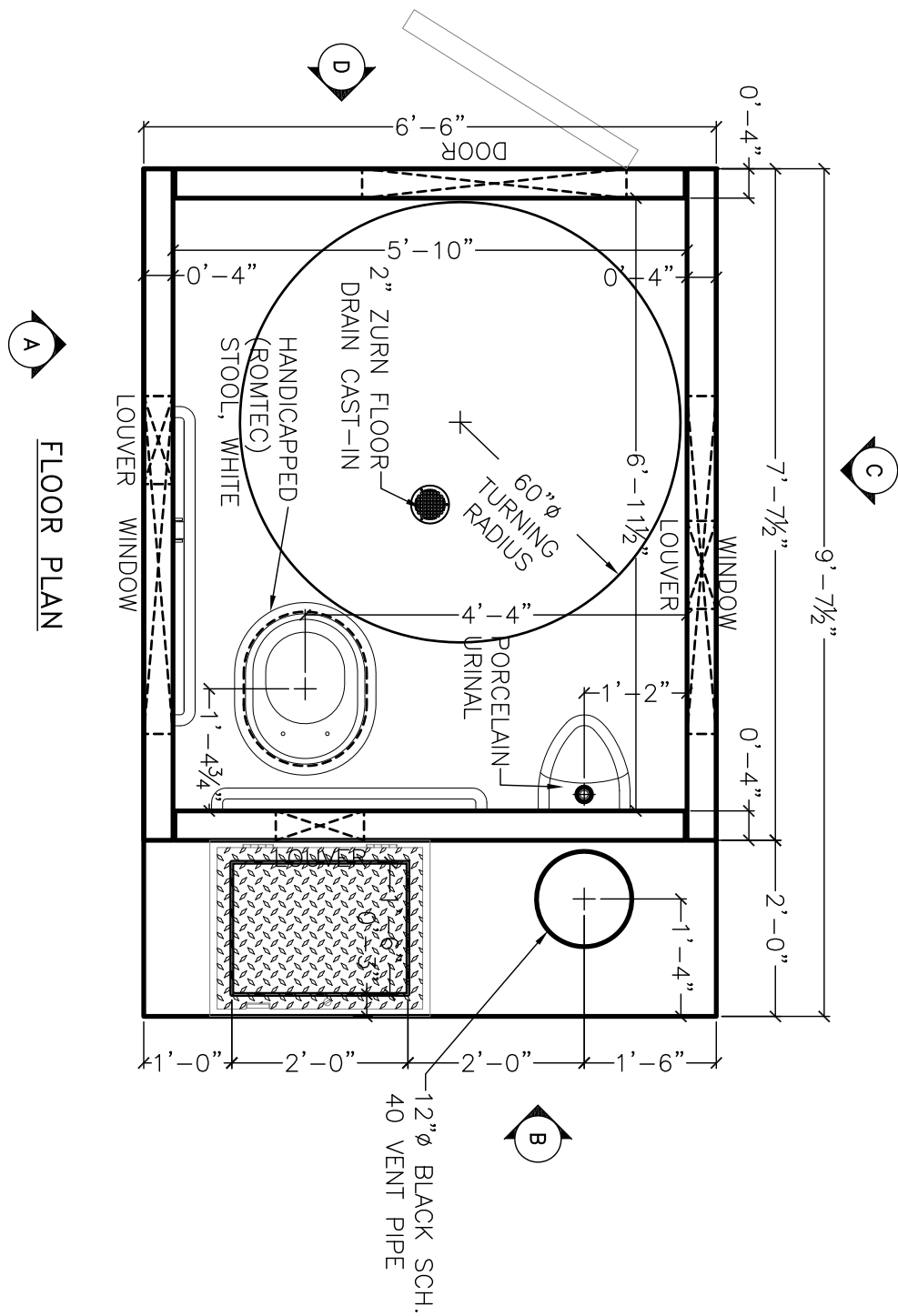


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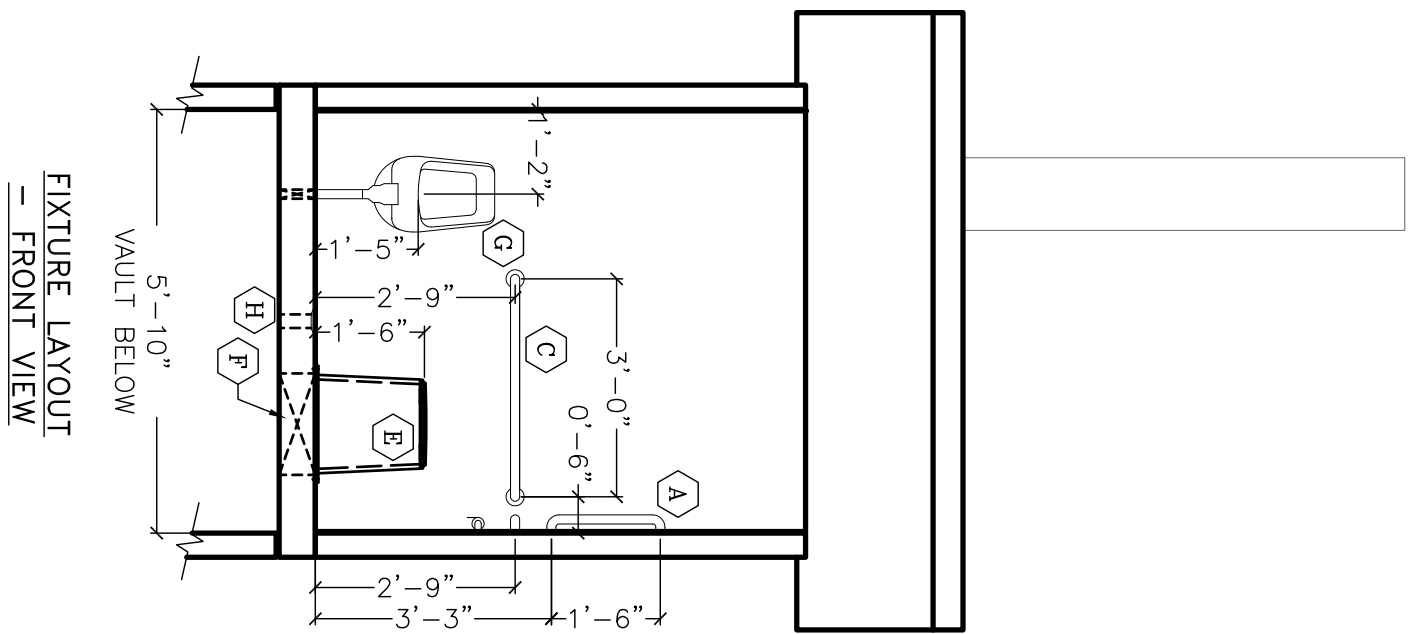


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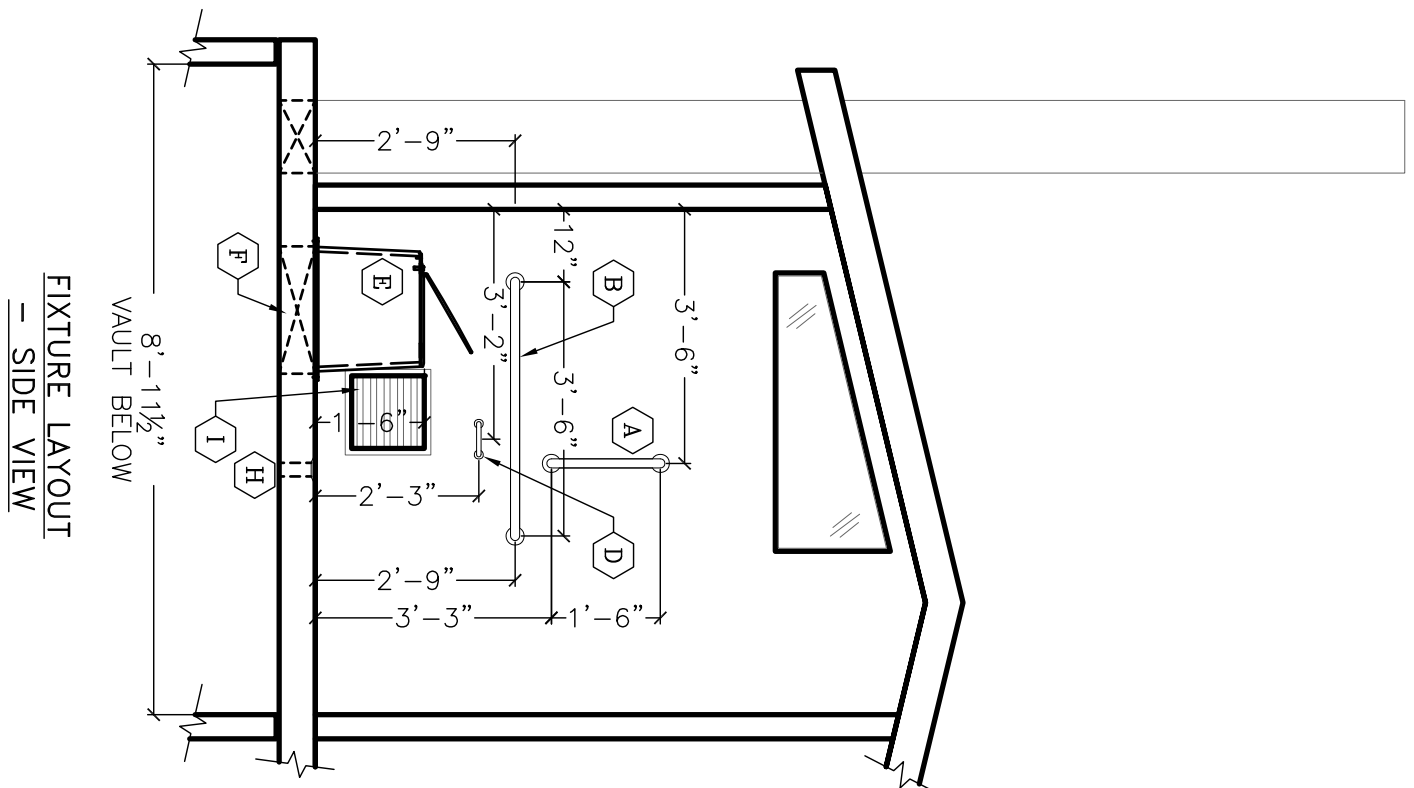
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FIXTURE LAYOUT
- FRONT VIEW



FIXTURE LAYOUT
- SIDE VIEW

- A 18" GRAB BAR
- B 42" GRAB BAR
- C 36" GRAB BAR
- D TOILET PAPER DISPENSER
- E TOILET RISER
- F 17"x21" ELLIPTICAL BLOCKOUT IN FLOOR SLAB
- G URINAL (MENS (LEFT) UNIT ONLY)
- H 2" ZURN FLOOR DRAIN CAST IN, DRAINS TO REMAIN ADJUSTABLE, DRAINS INTO VAULT BELOW
- I 12"x12" LOUVER

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3/8"=1'

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JG



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