

**PROJECT: L.H. GREY'S PEAK RESTROOM W/ SCREEN WALL**

**LOCATION:**

**CONTRACTOR:**

**DATE:**

**DESIGN PROPERTIES:**

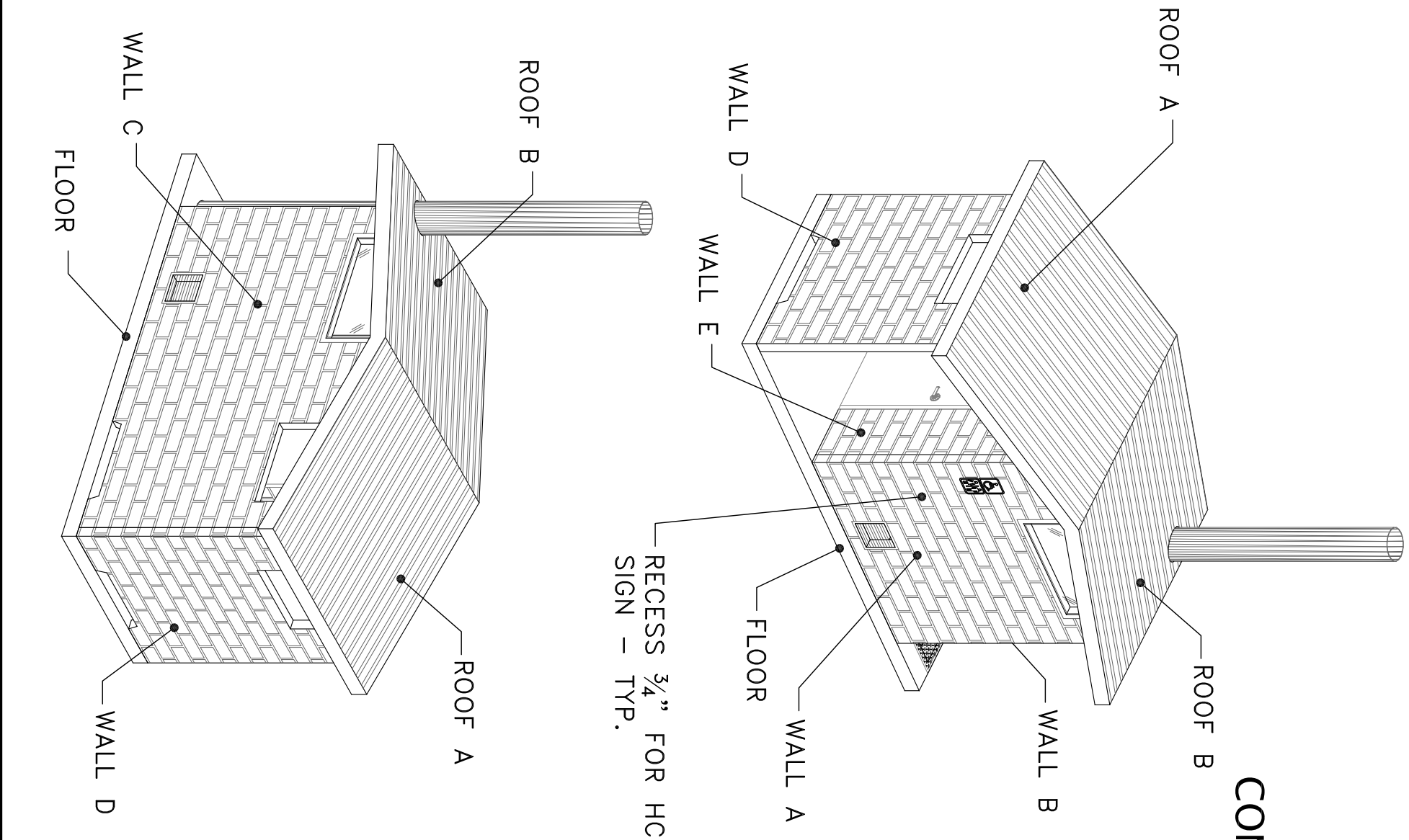
CONCRETE STRENGTH: 6,000 psi MIN.  
 REBAR STRENGTH: 60,000 psi GRADE 60  
 CONCRETE WEIGHT: 150 pcf  
 STEEL STRENGTH: 36,000 psi  
 WELDS: MIN 4" LONG  $\frac{3}{16}$ " FILLET WELD

**DESIGN LOADS:**

ROOF SNOW LOAD = 250 psf  
 WIND LOAD = 140 mph EXPOSURE C (3 SEC GUST)  
 SEISMIC DESIGN CATEGORY B  
 SEISMIC/WIND OCCUPANCY CATEGORY III  
 2009 IBC OCCUPANCY CLASSIFICATION U

**DESIGN MANUALS:**

IBC 2009  
 ACI 318-08  
 AISC LRFD 13th EDITION  
 ASCE 7-05



- NOTES:**
- 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.
  - VAULT TO BE STANDARD GREY CONCRETE.
  - ROOF PANELS TO BE STANDARD WEIGHT CONCRETE.
  - BUILDING TO BE ERECTED AT OPC BY CPC.
  - EXTERIOR DIMENSIONS OF BUILDING TO BE 12'- $\frac{3}{4}$ "x6'-6".
  - COLOR: STANDARD GREY CONCRETE WITH DAVIS COLORING, PER APPROVED SAMPLE.
  - EXTERIOR FINISH OF WALLS: SIMULATED SPLIT FACE BLOCK LINER, PER APPROVED SAMPLE.
  - EXTERIOR FINISH OF ROOF: SIMULATED RIBBED METAL LINER, PER APPROVED SAMPLE.
  - INTERIOR FINISH OF WALLS, FLOOR AND ROOF: SMOOTH TROWEL FINISH.
  - ALL EMBED WELD PLATES TO BE SET RECESSED  $\frac{1}{2}$ ".
  - DOORS & EXTERIOR METAL TO BE PAINTED "BROWN".
  - VAULT TO BE SEALED W/ (1) ROW OF 1" RUB-R-NEK.

| BUILDING              | WEIGHT LBS EACH | C.Y. EACH   |
|-----------------------|-----------------|-------------|
| WALL A                | 1,314           | 0.32        |
| WALL B                | 4,123           | 1.02        |
| WALL C                | 1,994           | 0.49        |
| WALL D                | 1,994           | 0.49        |
| WALL E                | 1,961           | 0.48        |
| ROOF                  | 10,210          | 2.52        |
| FLOOR                 | 6,682           | 1.65        |
| <b>BUILDING TOTAL</b> | <b>28,278</b>   | <b>6.97</b> |

| VAULT              | WEIGHT LBS EACH | C.Y. EACH   |
|--------------------|-----------------|-------------|
| WALLS              | 4,638           | 1.15        |
| FLOOR              | 5,104           | 1.26        |
| <b>VAULT TOTAL</b> | <b>9,742</b>    | <b>2.41</b> |

**PRELIMINARY**  
 FOR REVIEW ONLY

ITEM NAME: **L.H. GREY'S PEAK RESTROOM W/ SCREEN WALL - COVER**

PROJECT NAME:

CONTRACTOR NAME:

REVISION DATES:

PROJECT NO.: SCALE: DATE: DRAWN:

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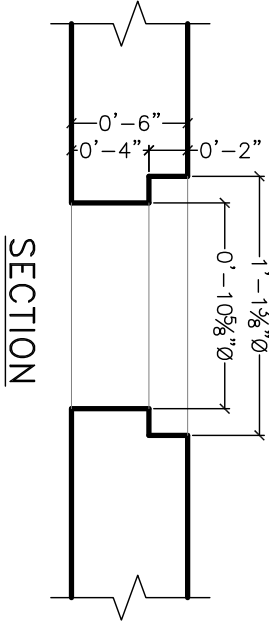


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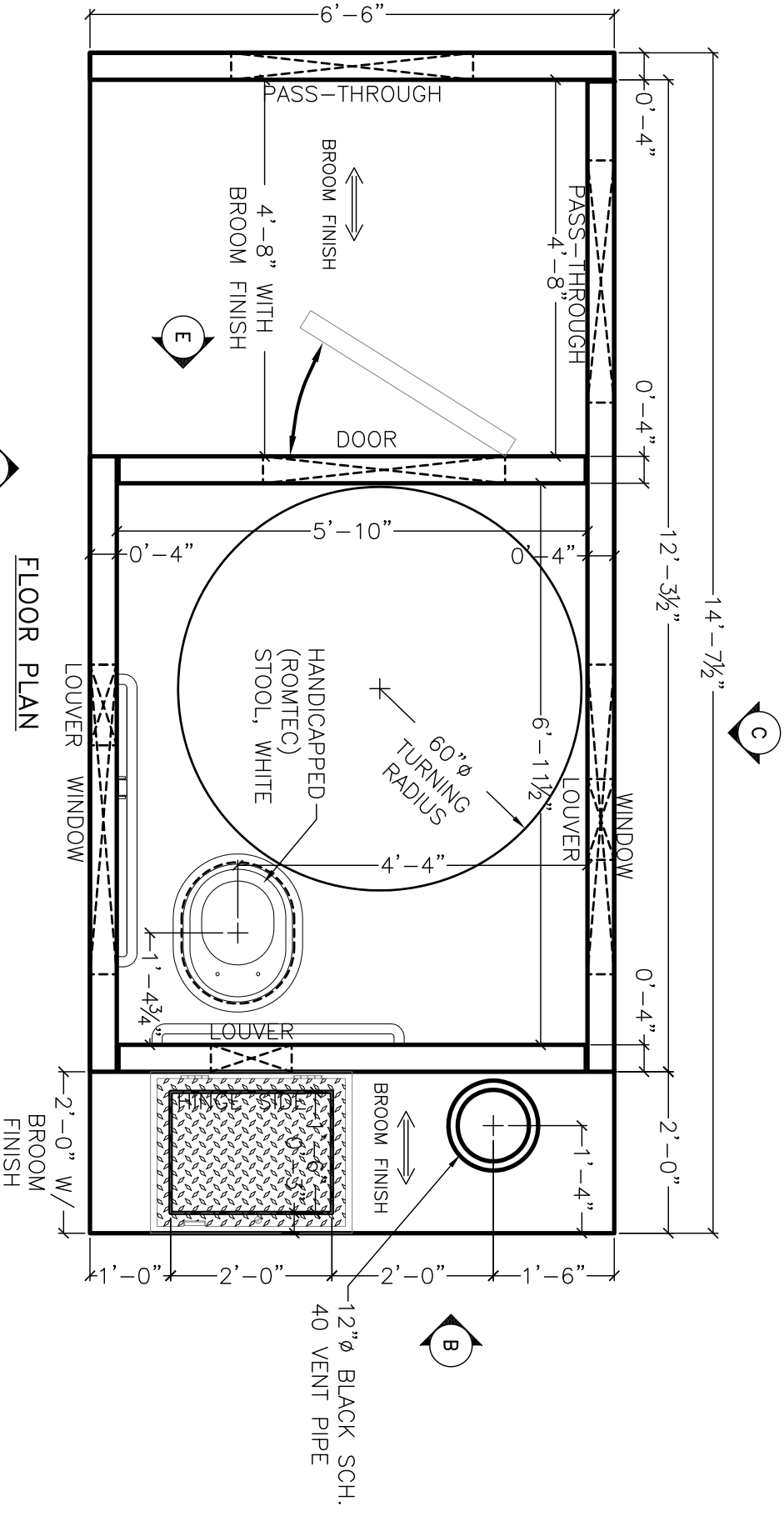
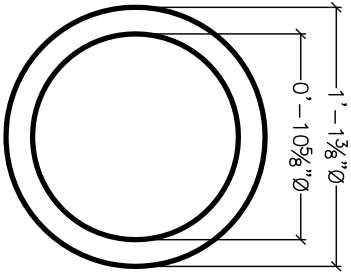
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VENT B.O.  
DETAIL



FLOOR PLAN

--PRELIMINARY--  
FOR REVIEW ONLY

ITEM NAME:  
L.H. GREY'S PEAK RESTROOM W/ SCREEN WALL - FLOOR PLAN

PROJECT NAME:

CONTRACTOR NAME:

REVISION DATES:

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|--------------|---------------|-------|--------------|
| PROJECT NO.: | SCALE:<br>NTS | DATE: | DRAWN:<br>DP |
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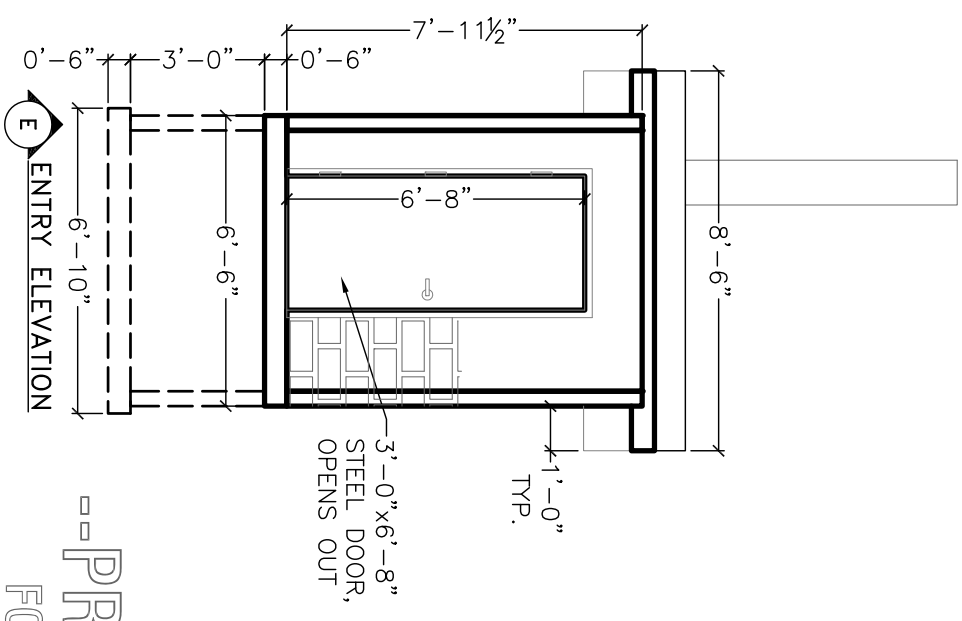
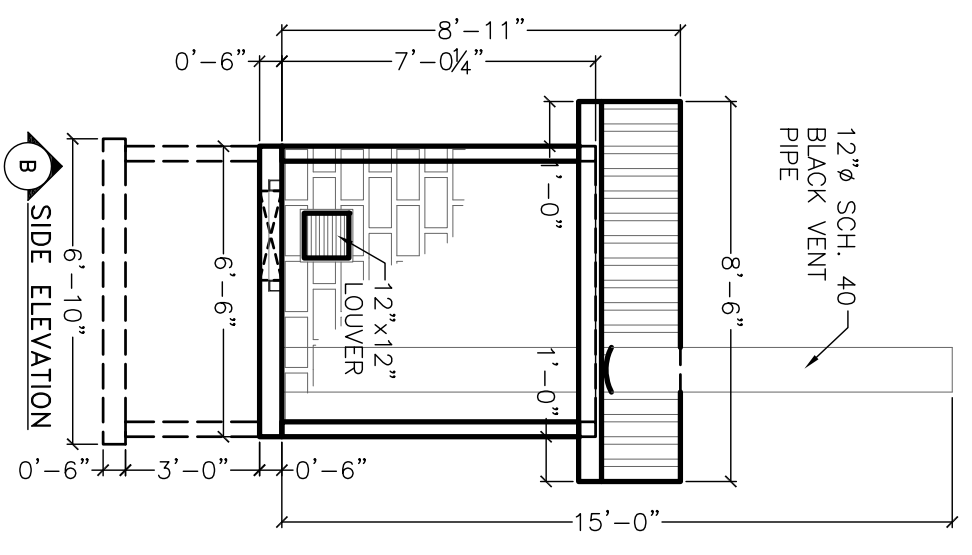
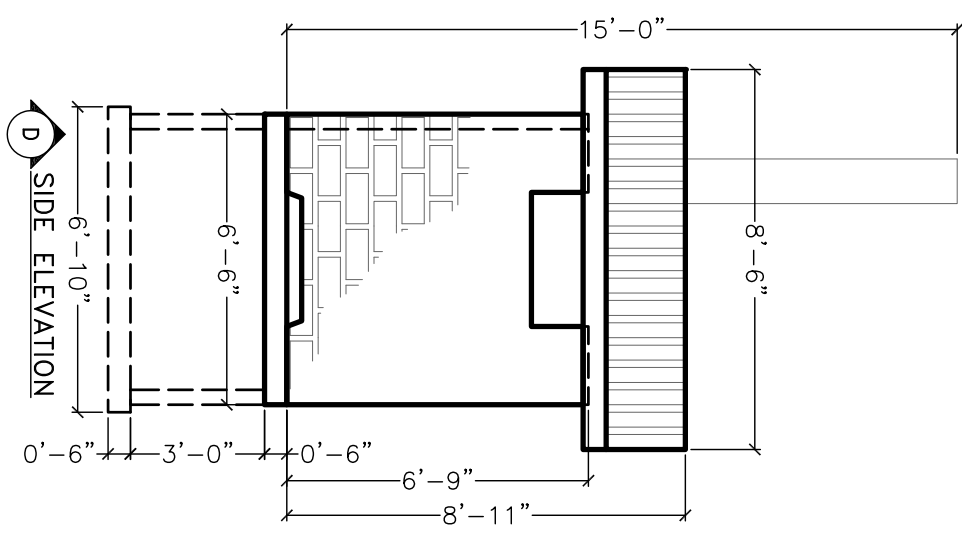
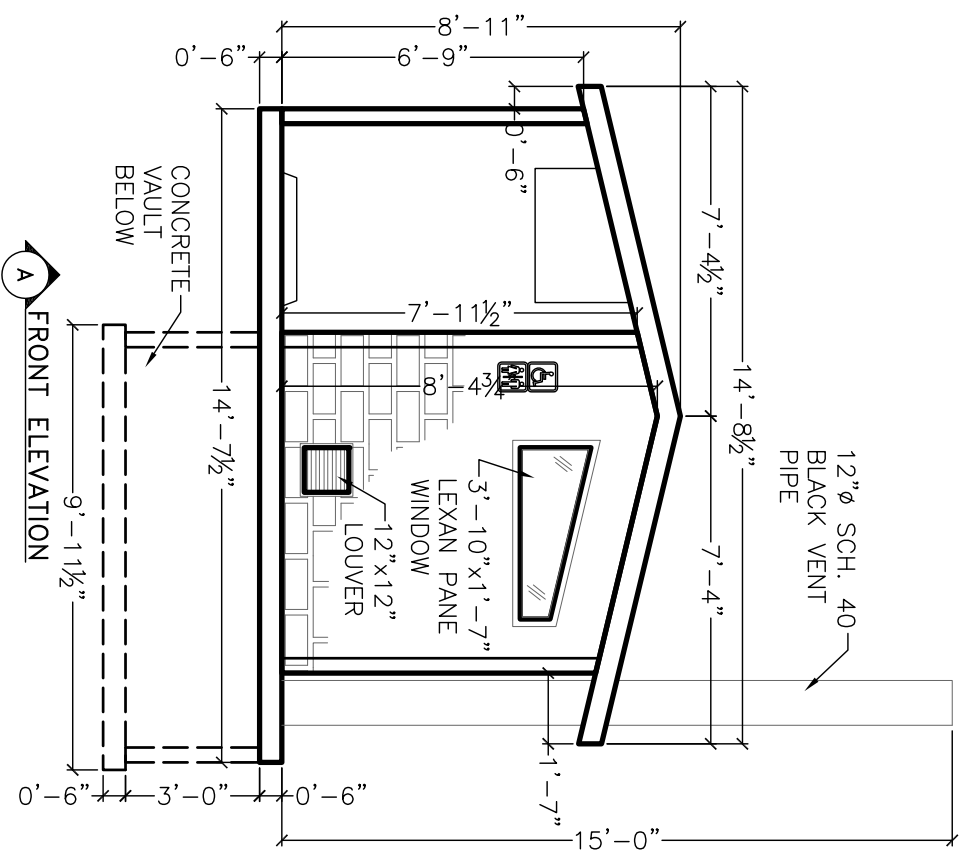
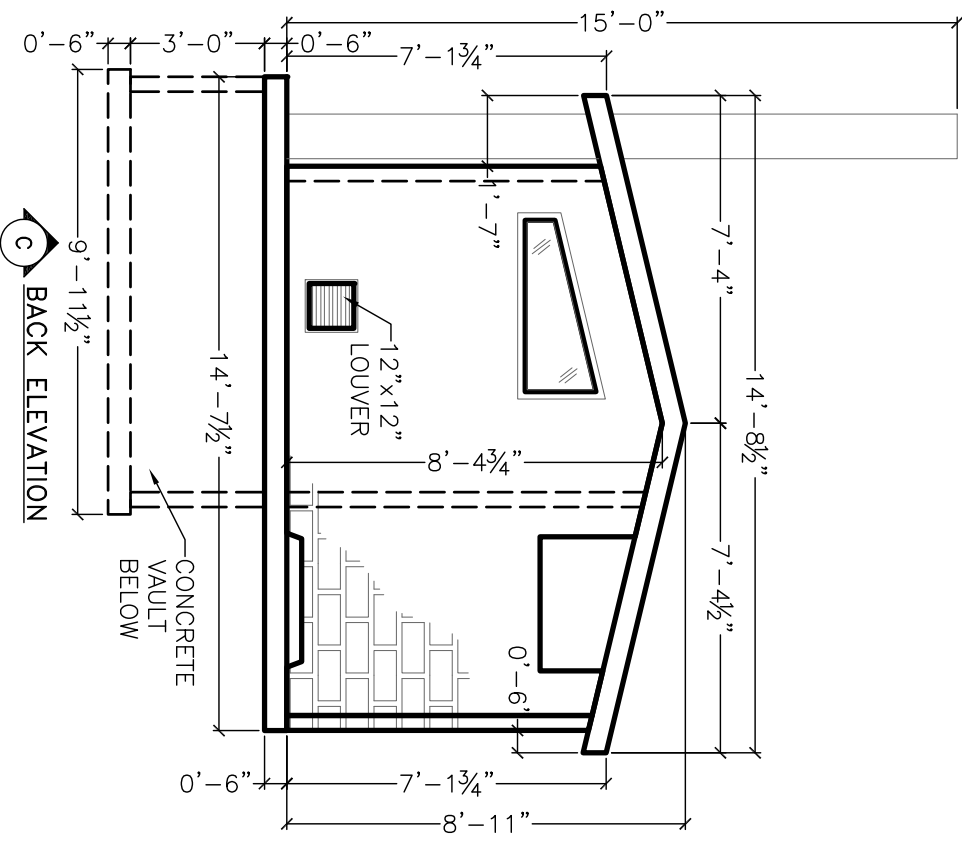
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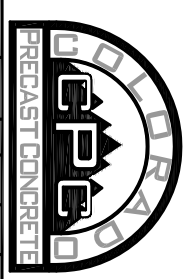




- NOTES:**
- BUILDING TO CONSIST OF FLOOR, 5 WALL PANELS AND 2 ROOF PANELS.
  - BUILDING TO BE ERCTED AT COLORADO PRECAST AND DELIVERED AS COMPLETE.
  - COLOR: STANDARD GREY CONCRETE WITH DAVIS COLORS. COLORANT PER APPROVED SAMPLE.
  - EXTERIOR FINISH OF WALLS: SIMULATED SPLIT FACE BLOCK FORM LINER FINISH.
  - EXTERIOR FINISH OF ROOF: SIMULATED RIBBED METAL FORM LINER FINISH.
  - INTERIOR FINISH: SMOOTH FINISH/PAINTED.
  - PRECAST VAULT TO CONSIST OF FLOOR AND 4 EXTERIOR WALLS.
  - MAXIMUM CAPACITY OF VAULT: 1,075 GALLONS
  - VAULT TO BE SEALED TO BUILDING FLOOR W/ (1) ROW OF 1 1/2" RUB-R-NEK SEALANT.

PRELIMINARY FOR REVIEW ONLY

|  |               |                 |              |
|--|---------------|-----------------|--------------|
| ITEM NAME:<br><b>L.H. GREY'S PEAK RESTROOM W/ SCREEN WALL - EXT. ELEV.</b> |               |                 |              |
| PROJECT NAME:  |               |                 |              |
| CONTRACTOR NAME:   |               | REVISION DATES: |              |
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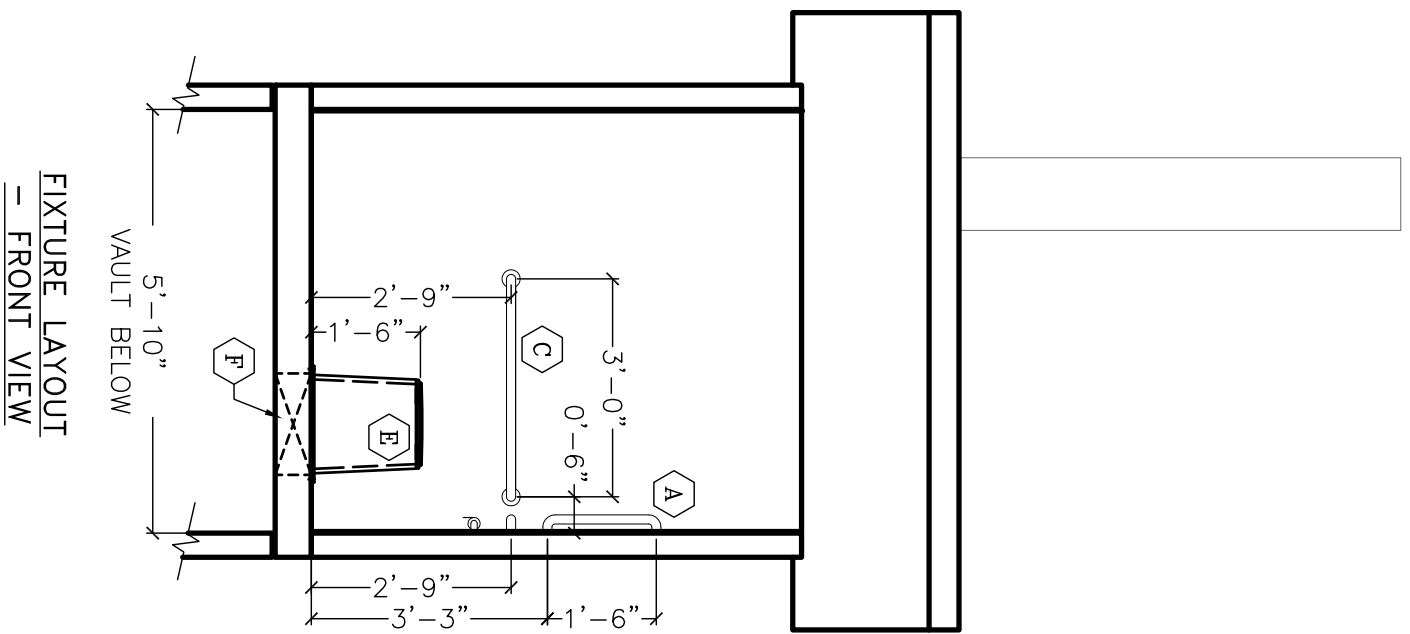


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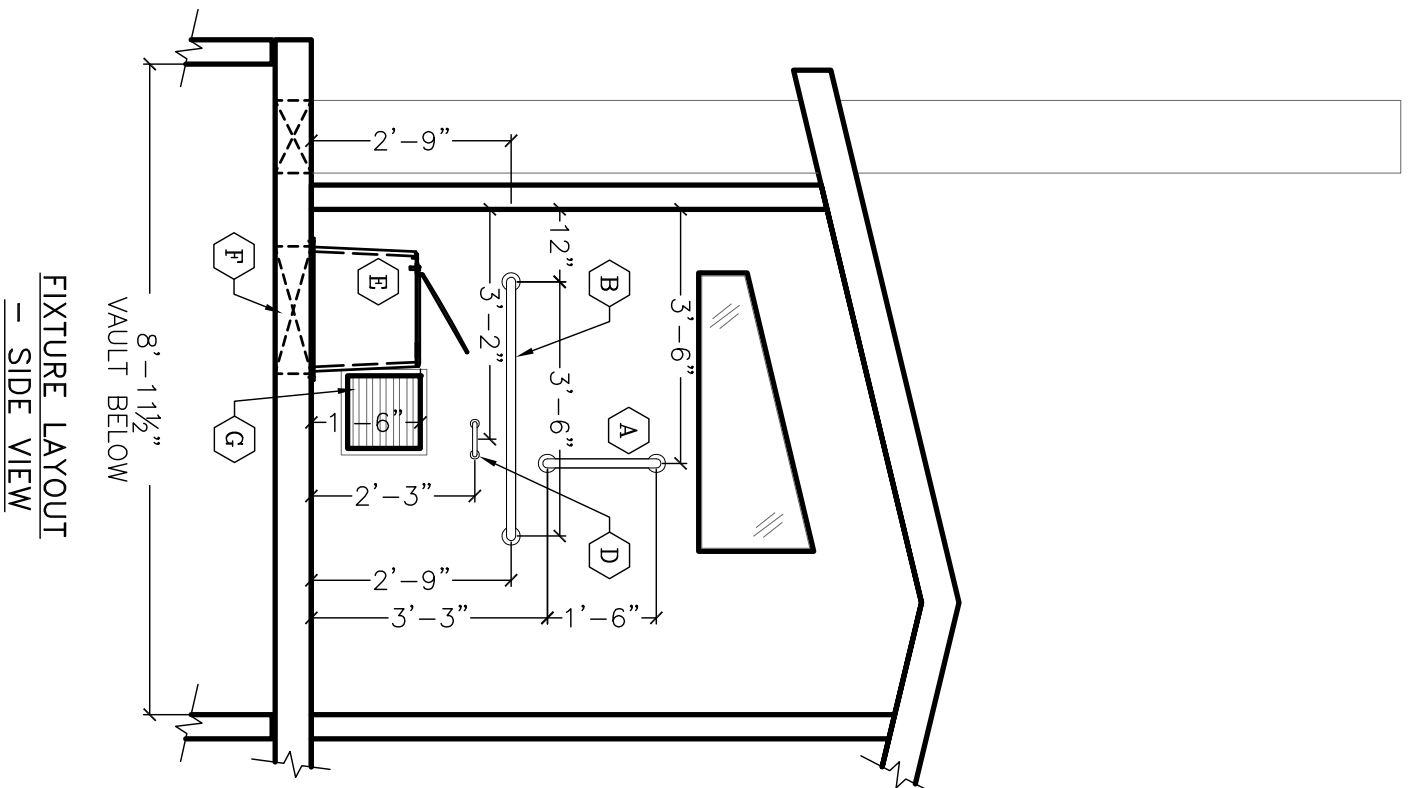
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FIXTURE LAYOUT  
- FRONT VIEW



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" X 21" ELLIPTICAL BLOCKOUT IN FLOOR SLAB
- G 12" X 12" LOUVER

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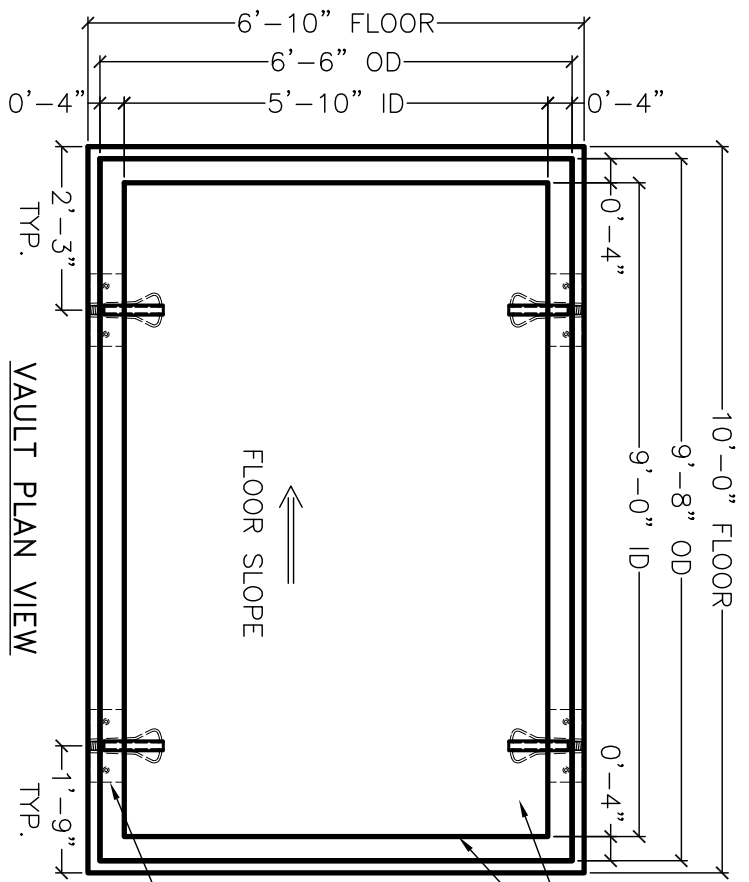
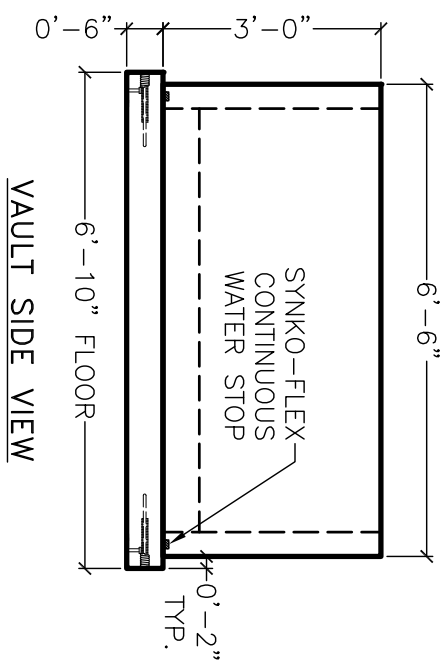
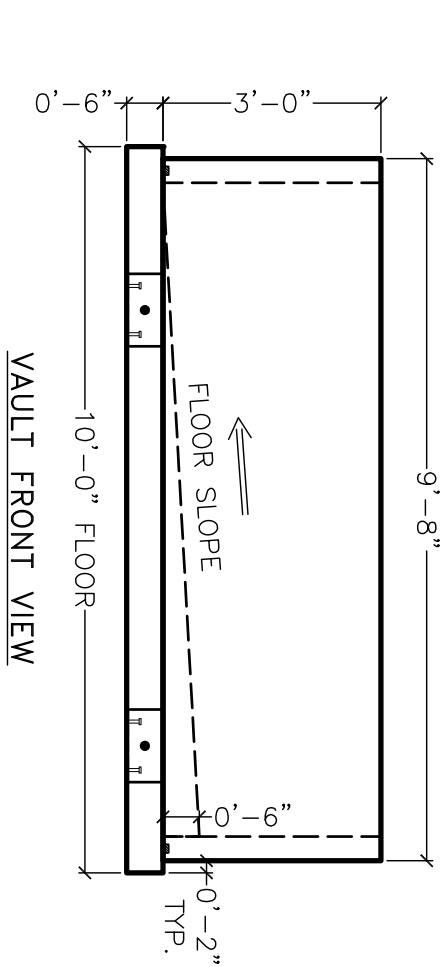
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6"x6"x5/8" x 1'-0" LONG STEEL ANGLE  
W/ (1) B-18 SINGLE FLARED COIL LOOP  
INSERT CAST INTO VERTICAL FACE OF FLOOR

COAT TOP OF FLOOR,  
INSIDE OF WALLS  
WITH QUICK LINER  
WATER-PROOF COATING

WEIGHT/CONCRETE

|             |            |         |
|-------------|------------|---------|
| WALLS       | 4,638 LBS  | 1.15 CY |
| FLOOR       | 5,104 LBS  | 1.26 CY |
| FLOOR FILET | 1,969 LBS  | 0.49 CY |
| TOTAL       | 11,711 LBS | 2.90 CY |

REINFORCEMENT:  
WALLS:  
VERTICAL: #4 U-BARS @ 8" O.C.  
EXTEND DOWN INTO FLOOR CENTERED  
IN WALL.  
HORIZONTAL: #4 REBAR @ 12" O.C.  
FLOOR:  
#4 U-BARS @ 8" O.C.E.W. SHORT  
BARS 2" OFF TOP OF FLOOR. LONG  
BARS BELOW SHORT.

--PRELIMINARY--  
FOR REVIEW ONLY

ITEM NAME:  
L.H. GREY'S PEAK RESTROOM W/ SCREEN WALL - VAULT

PROJECT NAME:

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