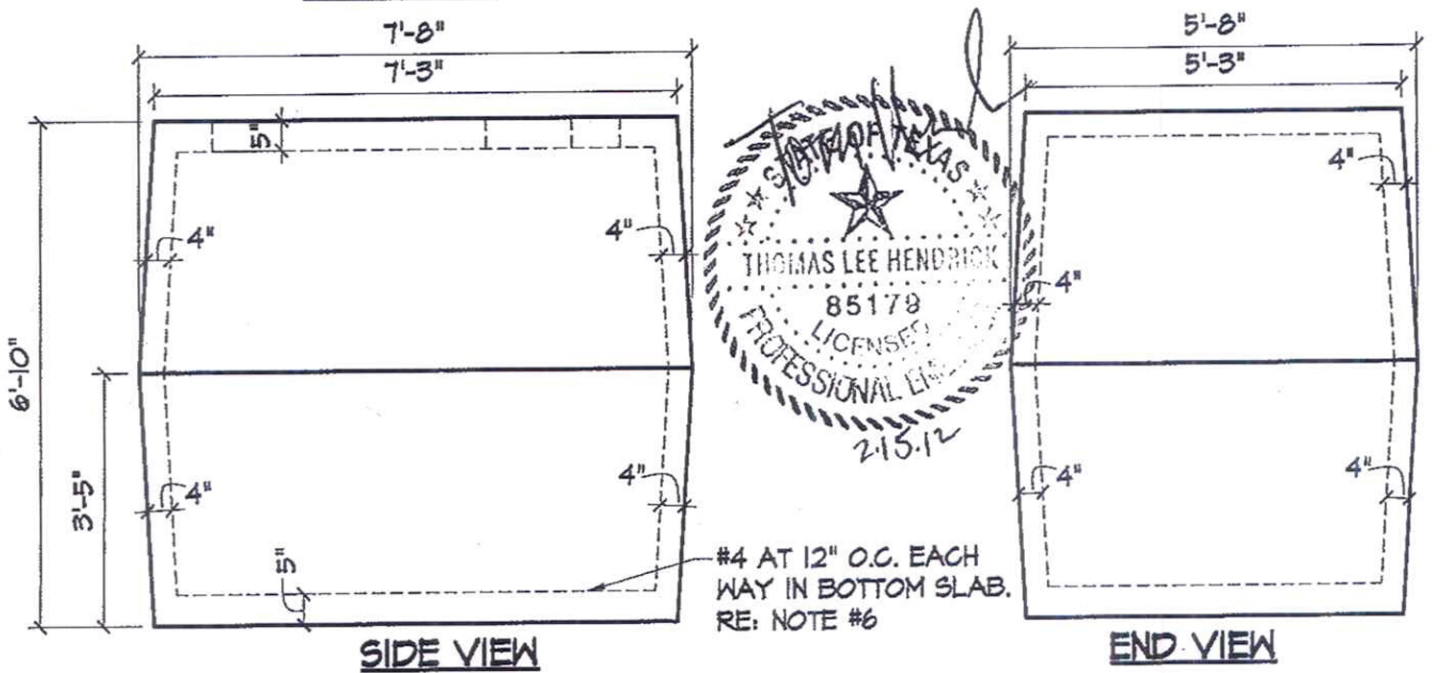
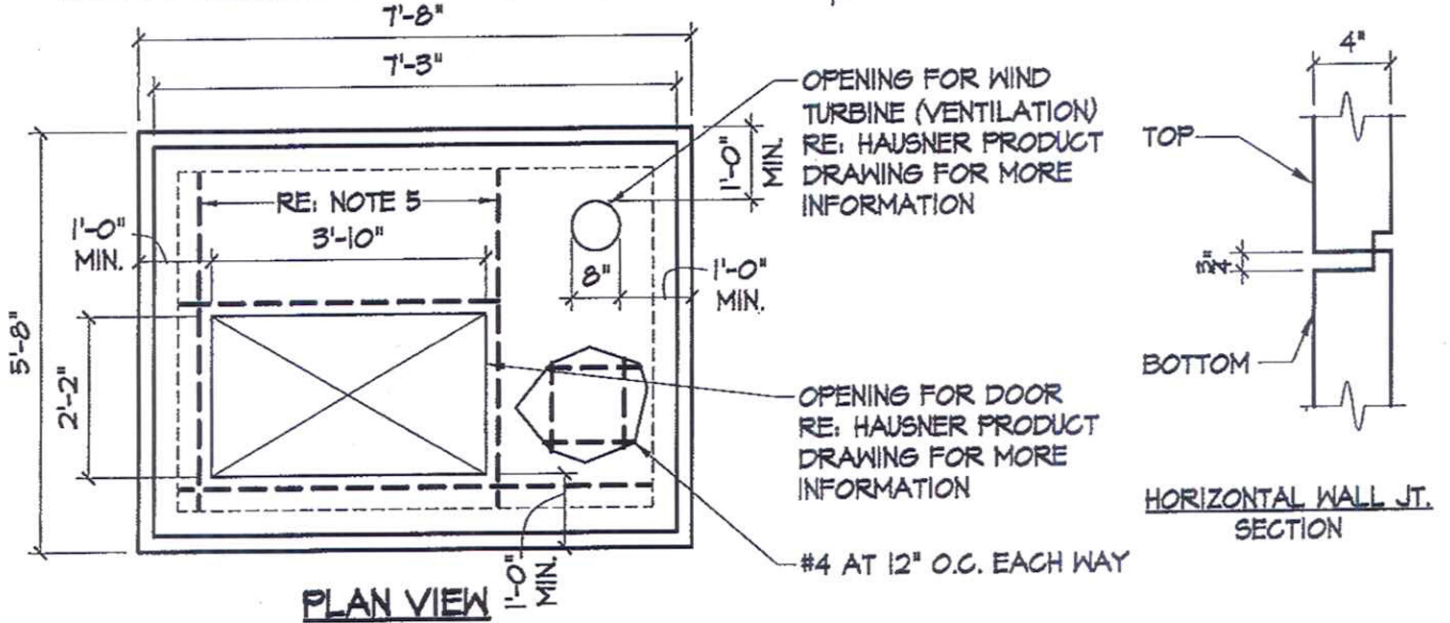


**NOTES:**

1. CONCRETE THICKNESS SHALL BE AS SHOWN.
2. CONCRETE STRENGTH = 6000 PSI. THE WATER-CEMENT RATIO SHALL NOT EXCEED 0.45.
3. REINFORCING SHALL BE #3 OR #4 BARS AS SHOWN (40 KSI), PLUS NOVOMESH SECONDARY REINFORCING.
4. REINFORCING SHALL BE PLACED AT THE CENTER OF WALLS AND SLABS.
5. PROVIDE (1)-#4 BAR 2 INCHES FROM FACE OF ALL OPENINGS. EXTEND 12 INCHES PAST OPENING.
6. EXTEND 90 DEGREE BARS (DOWELS) FROM BOTTOM SLAB INTO WALLS. MATCH DOWEL BARS WITH SPACING OF BOTTOM SLAB BARS AND LAP 18 INCHES.
7. THE SHELTER TOP SLAB IS DESIGNED TO SUPPORT A MINIMUM UNIFORM LOAD OF 200 PSF.
8. ALL SOILS ADJACENT TO SHELTERS SHALL BE PROPERLY COMPACTED IN UNIFORM LIFTS NOT TO EXCEED 12 INCHES. SOILS SHALL INCLUDE CLEAN SAND, GRAVEL, OR BROKEN STONE AND SHALL BE FREE OF FINES THAT MIGHT OBSTRUCT FREE DRAINAGE.
9. RE: HAUSNER PRODUCT DRAWINGS FOR DOOR AND OTHER INFORMATION NOT SHOWN.
10. THE DESIGN OF THE CONCRETE STRUCTURE COMPLIES WITH FEIMA 320 AND ICC-500 STANDARDS: TORNADO SHELTER, 250 MPH WIND,  $I = 1.0$ , EXPOSURE C,  $GC_{pl} = 0.18$ ,  $K_{ZT} = 1.0$ ,  $K_p = 1.0$



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**5x7 FLAT TOP STORM SHELTER**  
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