

NOTES:

- I. CONCRETE THICKNESS SHALL BE AS SHOWN.
- 2. CONCRETE STRENGTH =6000 PSI. THE WATER-CEMENT RATIO SHALL NOT EXCEED 0.45.
- 3. REINFORCING SHALL BE GRADE 40 #3 OR #4 BARS AS SHOWN, PLUS FIBERMESH 300 POLYPROPYLENE FIBRILLATED FIBERS FOR SECONDARY REINFORCING.
- 4. REINFORCING SHALL BE PLACED AT THE CENTER OF SLABS AND WALLS.
- 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 16 INCHES.
- 7. THE SHELTER TOP SLAB IS DESIGNED TO SUPPORT A MINIMUM UNIFORM LOAD OF 200 PSF.
- 8. ALL SOILS ADJACENT TO THE SHELTERS SHALL BE GRADED SITE SOILS, PROPERLY COMPACTED IN UNIFORM LIFTS NOT TO EXCEED 8 INCHES.
- 9. IF INSTALLATION DEPTH EXCEEDS 3'-9", EXTENDED PERIODS OF HIGH GROUND WATER MAY RESULT IN SLIGHT FLOTATION OF THE SHELTER. IF THIS OCCURS, RESET AFTER SOILS DRY.
- OPENING FOR DOOR, REFER HAUSNER PRODUCT DRAWINGS FOR MORE INFORMATION. CENTER OPENING WITHIN HEIGHT OF SLOPING PANEL.
- 11. THE DESIGN OF THE CONCRETE STRUCTURE COMPLIES WITH 2014 FEMA P 320 AND ICC-500 STANDARDS FOR TORNADO SHELTER.

PROJECT: 17030

JUMBO SLOPED FRONT STORM SHELTER

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