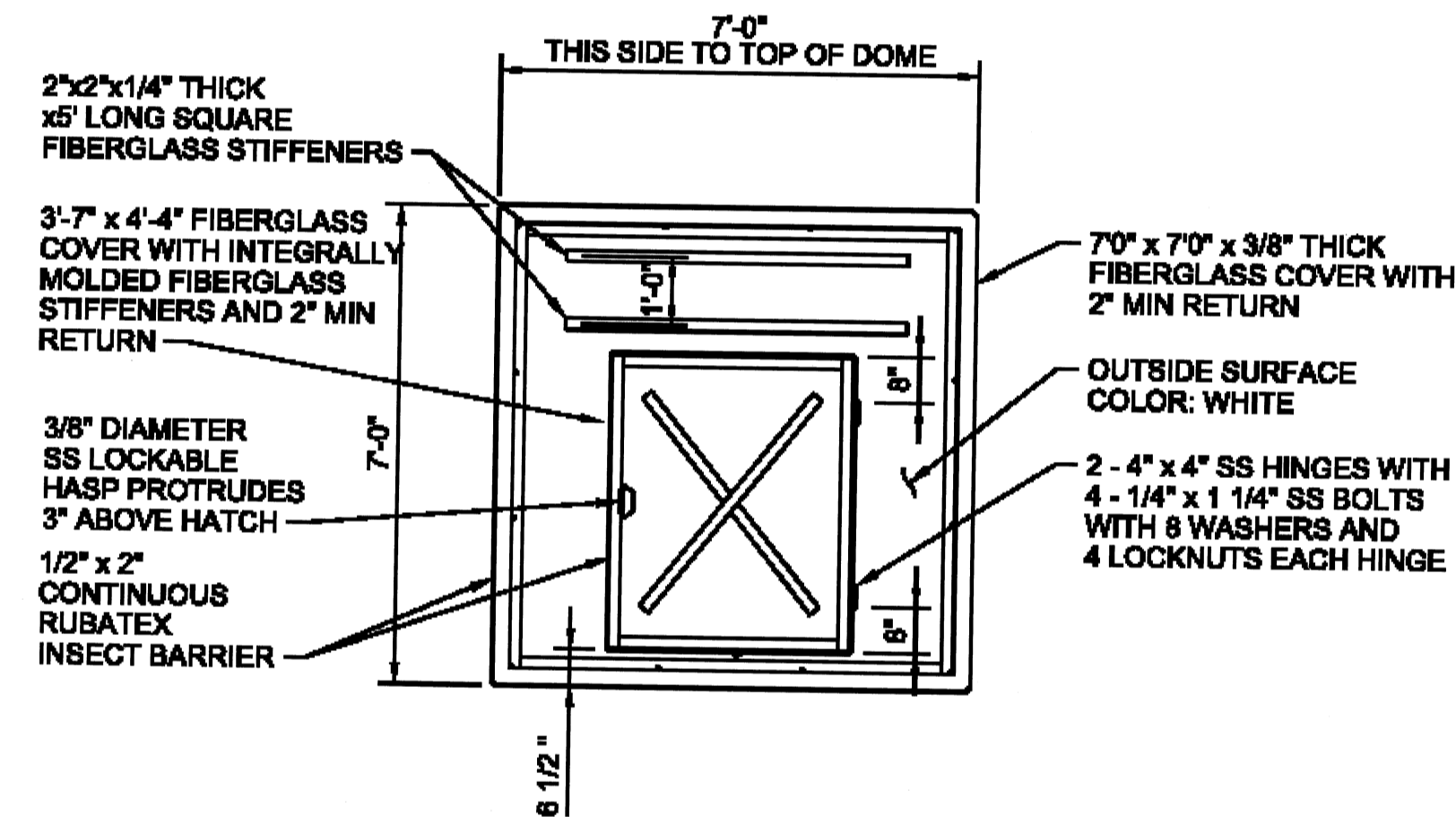
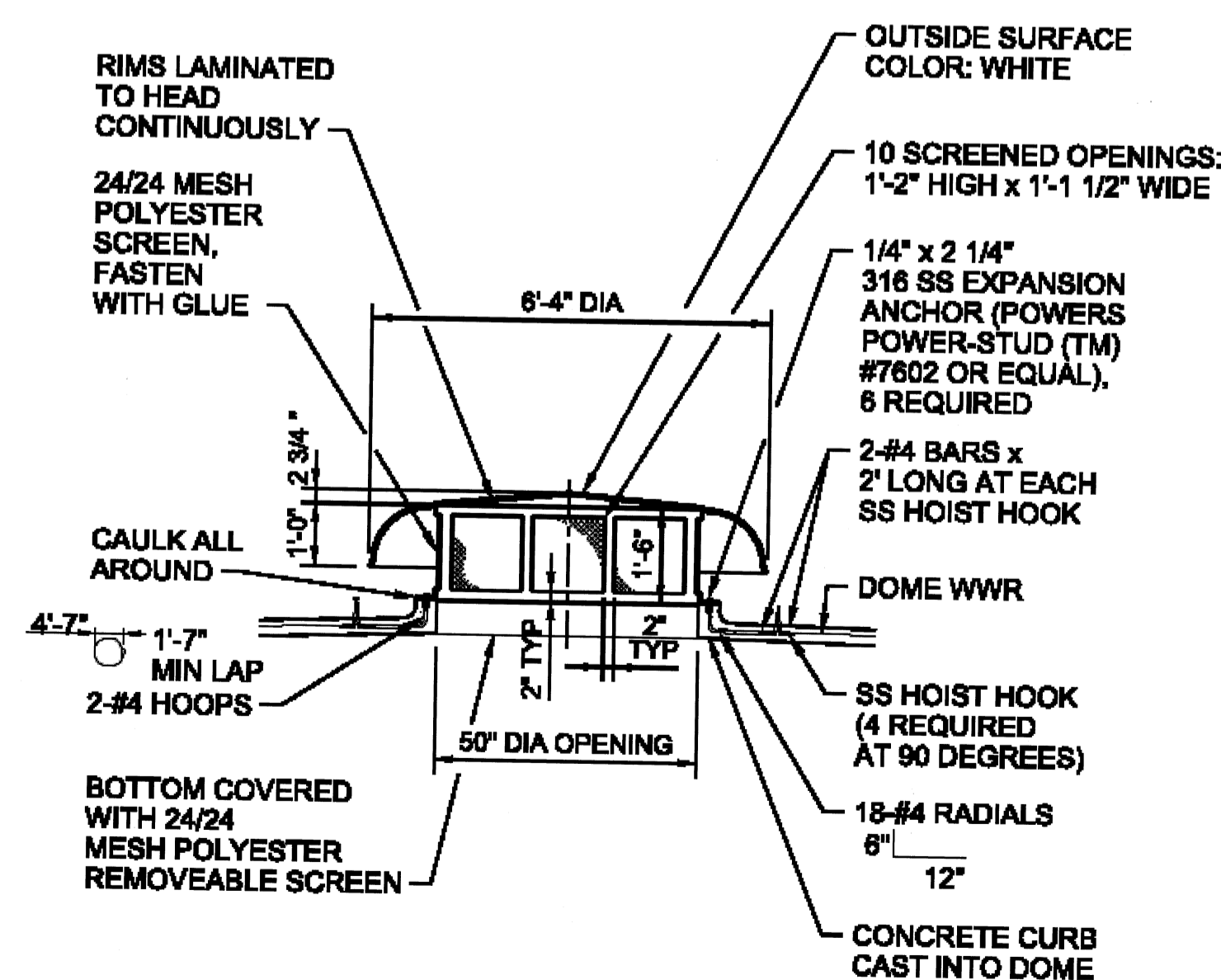


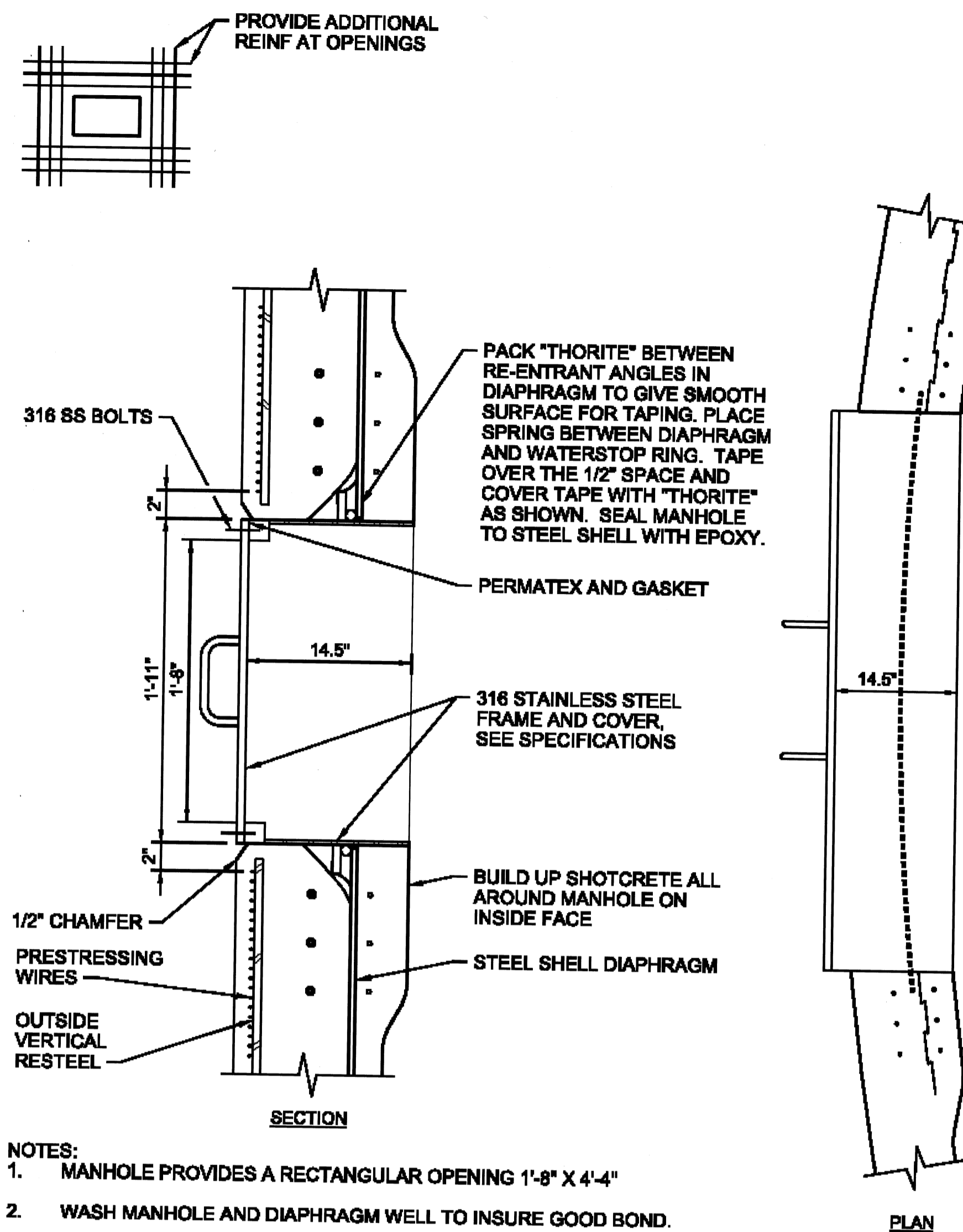
**1 ENLARGED TANK TOP PLAN**  
3/8"=1'-0"  
M-2001



**2 FIBERGLASS ACCESS HATCH**  
3/8"=1'-0"  
M-2001

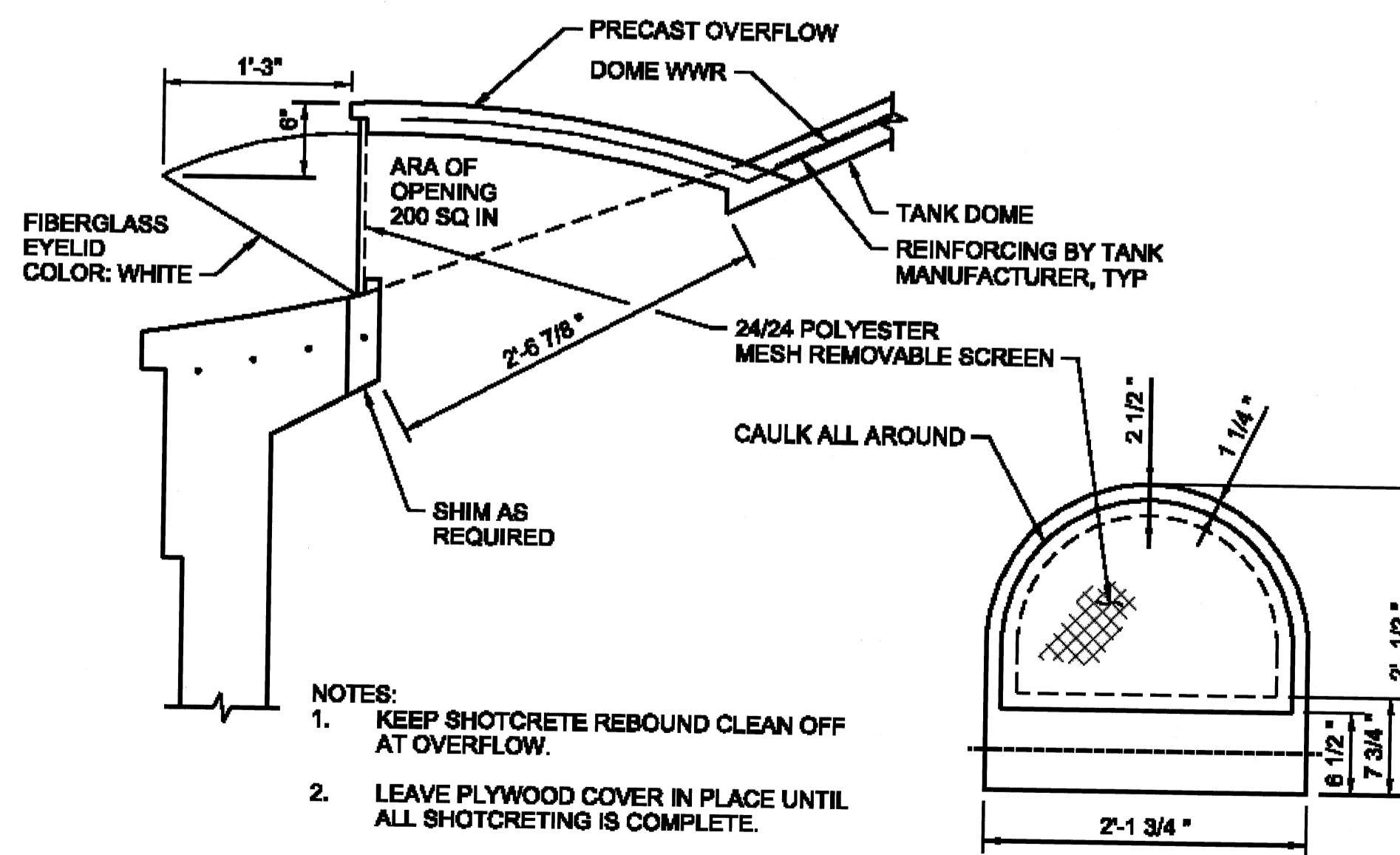


**3 FIBERGLASS VENTILATOR**  
3/8"=1'-0"  
M-2001



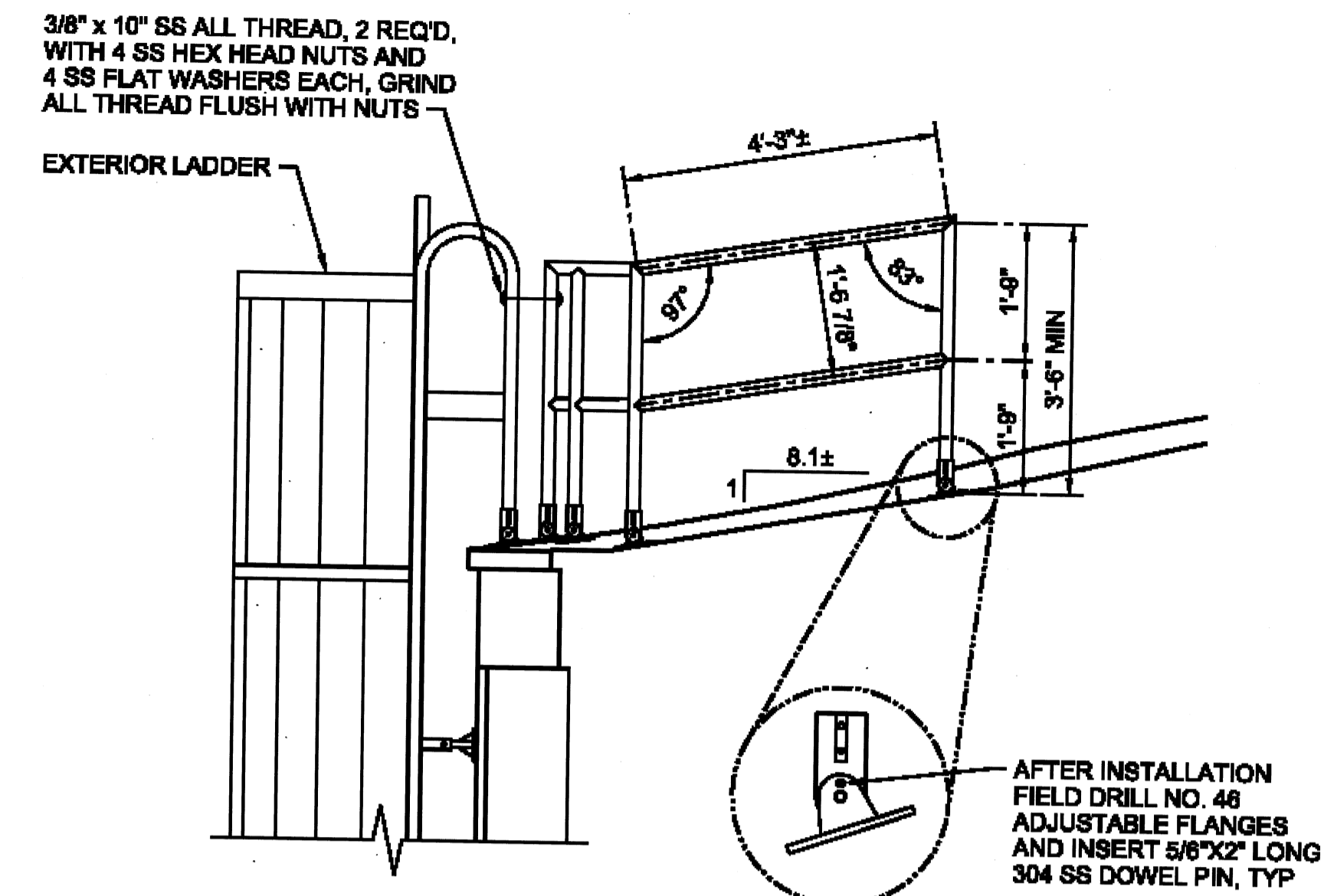
- NOTES:
1. MANHOLE PROVIDES A RECTANGULAR OPENING 1'-8" X 4'-4"
  2. WASH MANHOLE AND DIAPHRAGM WELL TO INSURE GOOD BOND.

**4 STAINLESS STEEL WALL MANHOLE**  
1 1/2"=1'-0"  
M-2001



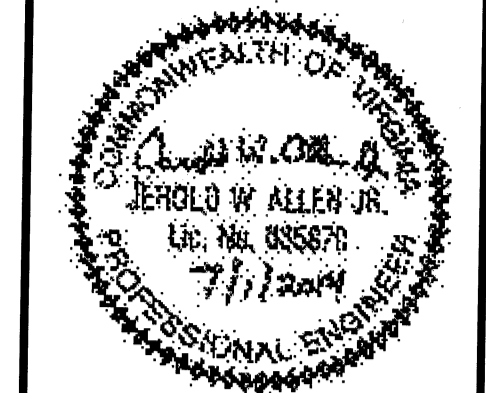
- NOTES:
1. KEEP SHOTCRETE REBOUND CLEAN OFF AT OVERFLOW.
  2. LEAVE PLYWOOD COVER IN PLACE UNTIL ALL SHOTCRETING IS COMPLETE.

**5 PRECAST CONCRETE OVERFLOW**  
1"=1'  
M-2001



- NOTES:
1. USE HOLLANDER HIGH TENSILE ALUMINUM ALLOY FITTINGS.
  2. USE 1 1/2" SCHEDULE 40/6061-T6 ALUMINUM PIPE.
  3. TOEBOARDS TO BE 6061-T6 ALUMINUM.
  4. USE 1/2" x 2 3/4" 316 SS EXPANSION ANCHORS
  5. ALL ALUMINUM IN DIRECT CONTACT WITH CONCRETE SHALL BE COATED WITH A MINIMUM 8.0 DRY MIL THICKNESS SERIES 46-465 H.B. TNE MECOL OR EQUAL.

**6 ALUMINUM HANDRAIL**  
1/2"=1'-0"  
M-2002



NO.	DATE	DR	REVISION	BY	APVD
1				J. ALLEN	
2				G. PALEN	
3				CHIK	
4				IC-HALEC	
5				APVD	
6				APVD	

CRYSTAL SPRING WATER TREATMENT PLANT  
CLEARWELL REPLACEMENT  
WESTERN VIRGINIA WATER AUTHORITY  
CITY OF ROANOKE, VIRGINIA

**CH2MHILL**  
PROCESS MECHANICAL  
CLEARWELL STORAGE TANK  
DETAILS

VERIFY SCALE	DATE	JUNE 2014
BAR IS ONE INCH ON ORIGINAL DRAWING.	PROJ	475481
0 1"	DWG	M-5001
	SHEET	20 of 37