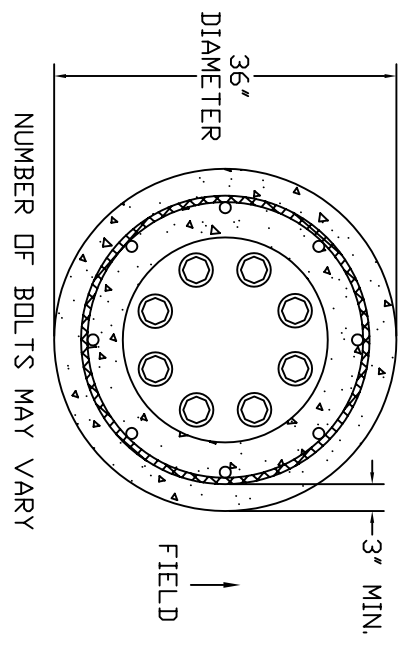
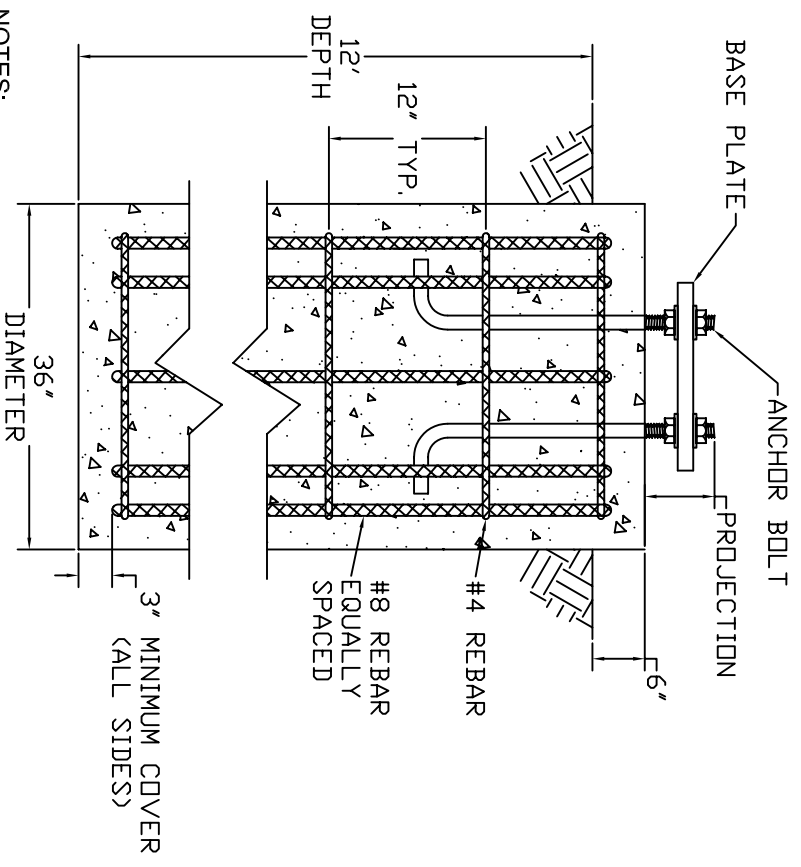


NOT FOR CONSTRUCTION
FOR ESTIMATION ONLY

- DESIGN ASSUMPTIONS:
1. NON-COHESIVE SOIL
 2. $\phi = 38^\circ$ MIN.
 3. EFFECTIVE UNIT WEIGHT = 110 PCF MIN.
 4. SITE GRADE IS 7H : 1 V OR FLATTER
 5. WATER TABLE BELOW FOUNDATION



- NOTES:
- IF ACTUAL SUBSURFACE CONDITIONS DIFFER FROM THOSE ASSUMED ABOVE OR IF THE POLE CALCULATIONS ARE REVISED THEN THE DESIGN MUST BE REVIEWED PRIOR TO ANY CONCRETE PLACEMENT.
 - FOUNDATION TO BE CAST AGAINST UNDISTURBED SOIL.
 - REBAR IS ASTM A615 GRADE 60 DEFORMED BARS. CONCRETE HAS MINIMUM 28 DAY COMPRESSIVE STRENGTH (f_c) = 3000 PSI.
 - ANY NECESSARY CONDUIT LAYOUT IS NOT SHOWN.
 - IF THIS DESIGN DIFFERS FROM ANY OTHER PROJECT SPECIFICATION OR REQUIREMENT THEN THE MORE DEMANDING REQUIREMENT WILL APPLY.

MSM
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DATE:	REV.:	CHECKED BY:
2/20/08		
DRAWING NUMBER:	DRAWN BY:	
50' FD	TRH	

50' POLE FOUNDATION