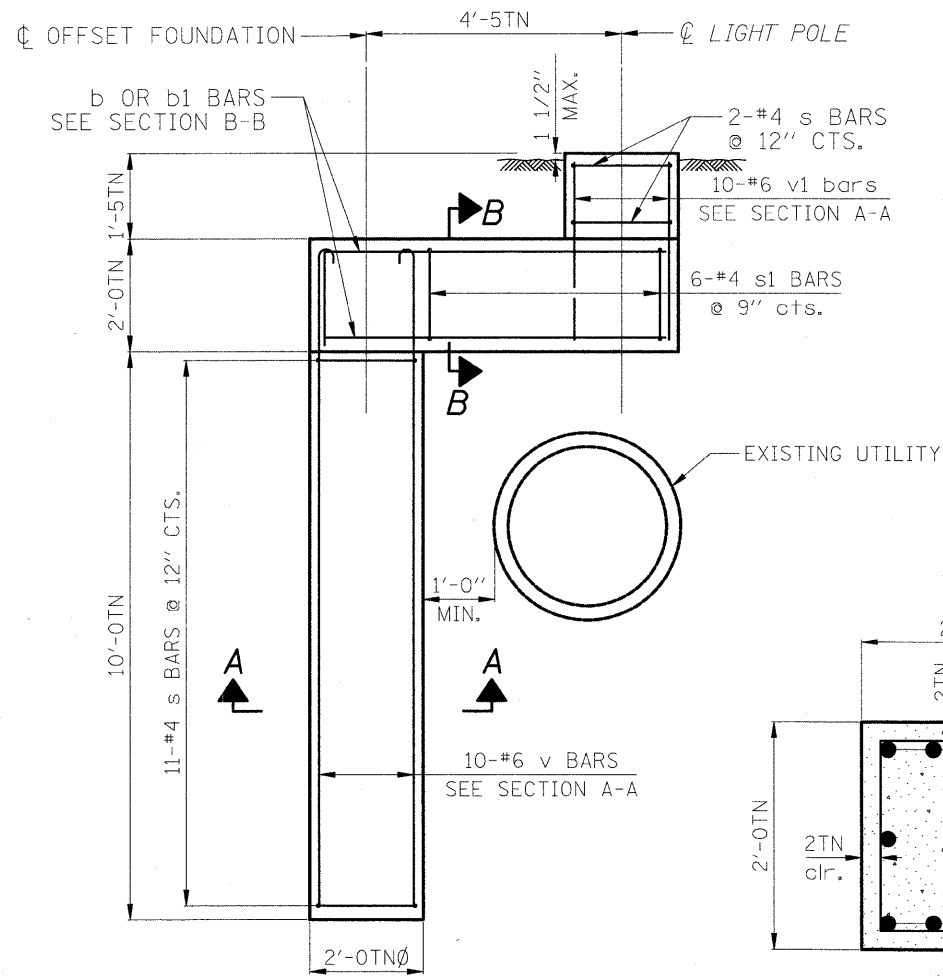
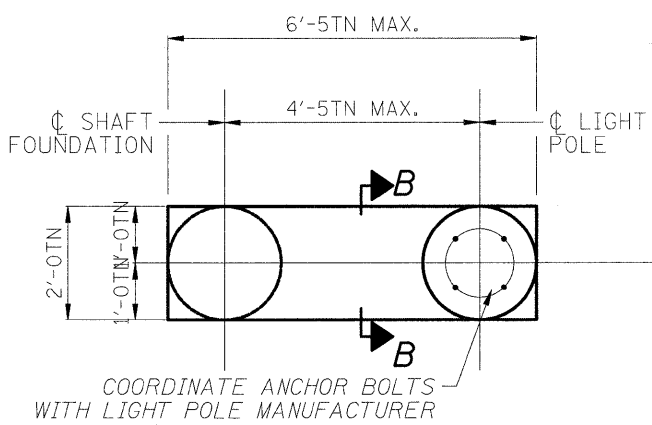


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	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	BY	
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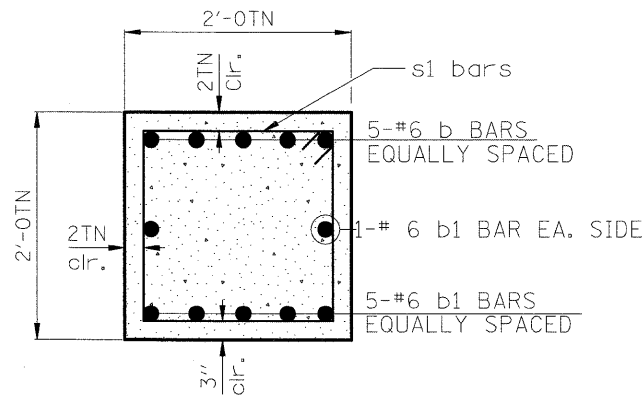
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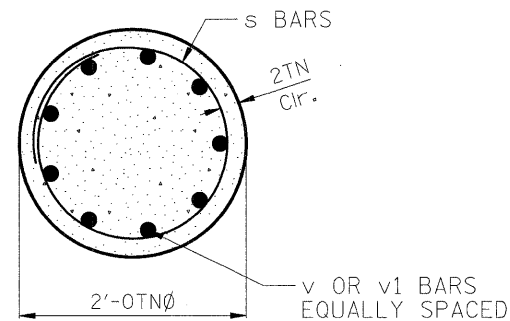
24" DIAMETER OFFSET LIGHT POLE FOUNDATION



PLAN



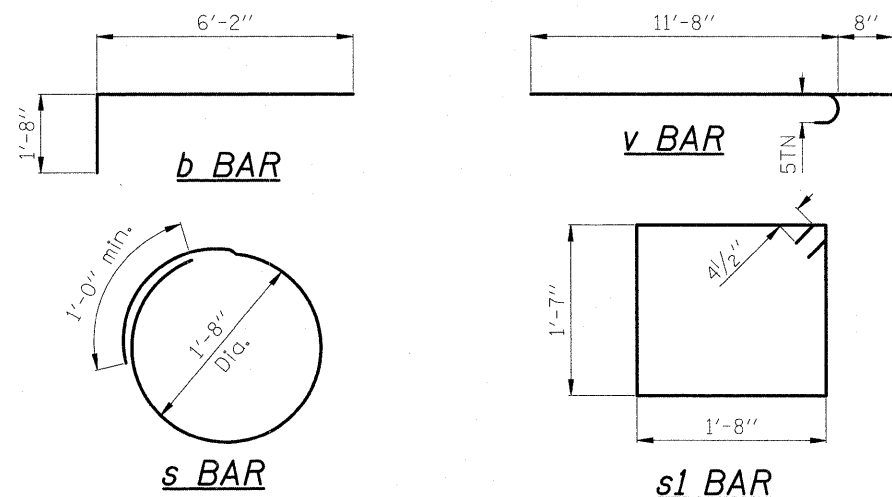
SECTION B-B



SECTION A-A

NOTES FOR LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET:

1. OFFSET FOUNDATION WILL ONLY BE USED WHEN CONDITIONS IN THE FIELD MAKES IT IMPOSSIBLE TO USE METAL FOUNDATION.
2. OFFSET FOUNDATION ARE DESIGNED FOR SITES WHICH HAVE COHESIVE SOILS (CLAYEY, SILT, SANDY CLAY, ETC.) ALONG THE LENGTH OF THE SHAFT WITH AN AVERAGE UNCONFINED COMPRESSIVE STRENGTH (QU) > 0.75 TSF. THE STRENGTH AND CLASSIFICATION OF THE SOIL SHALL BE DETERMINED BY THE ENGINEER DURING FOUNDATION DRILLING.
3. THE QUANTITY FOR LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, THE WORK IS NOT REQUIRED, THE ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
4. EXCAVATION OF THE POLE FOUNDATION SHALL BE MADE WITH AN AUGER, 24" IN DIAMETER.
5. THE ANCHOR SHALL BE A TACK WELDED TYPE BOLT OR HOOK TYPE BOLT. COLD BENDING OF THE HOOK BOLT WILL NOT BE ALLOWED.
6. THE ANCHOR BOLTS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IS PLACED IN THE FORM.
7. THE ENTIRE LENGTH OF THE ANCHOR BOLTS AS WELL AS THE NUTS AND WASHERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM DESIGNATION A 153.
8. CONCRETE SHALL BE CLASS "SI". CONCRETE FOUNDATION MUST BE CURED FOR (10) TEN DAYS BEFORE THE LIGHT STANDARD IS ERECTED.
9. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE THE LIGHT IS ERECTED.
10. THE CONTRACTOR SHALL COORDINATE THE EXTENSION OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE BREAKAWAY DEVICE MANUFACTURER'S REQUIREMENTS.
11. THE CONTRACTOR SHALL COORDINATE THE EXTENSION, SIZE AND MATERIAL OF ANCHOR BOLTS ABOVE TOP OF FOUNDATION WITH THE LIGHT POLE MANUFACTURER'S REQUIREMENTS. ANCHOR BOLTS BE APPROVED BY THE ENGINEER PRIOR TO ORDERING THE MATERIAL.
12. A MINIMUM OF 3" OF THE THREADING ON THE ANCHOR BOLTS SHALL REMAIN BELOW THE TOP OF THE FOUNDATION.
13. ALL EXPOSED EDGES SHALL HAVE A 3/4" CHAMFER.
14. REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR. 60.



BILL OF REINFORCEMENT

(QUANTITY FOR ONE OFFSET FOUNDATION)

Bar	No.	Size	Length	Shape
b	5	#6	7'-10"	U
b1	7	#6	6'-2"	—
s	13	#4	7'-4"	○
s1	6	#4	7'-3"	□
v	10	#6	12'-4"	—
v1	10	#6	3'-2"	—

*FOR INFORMATION ONLY