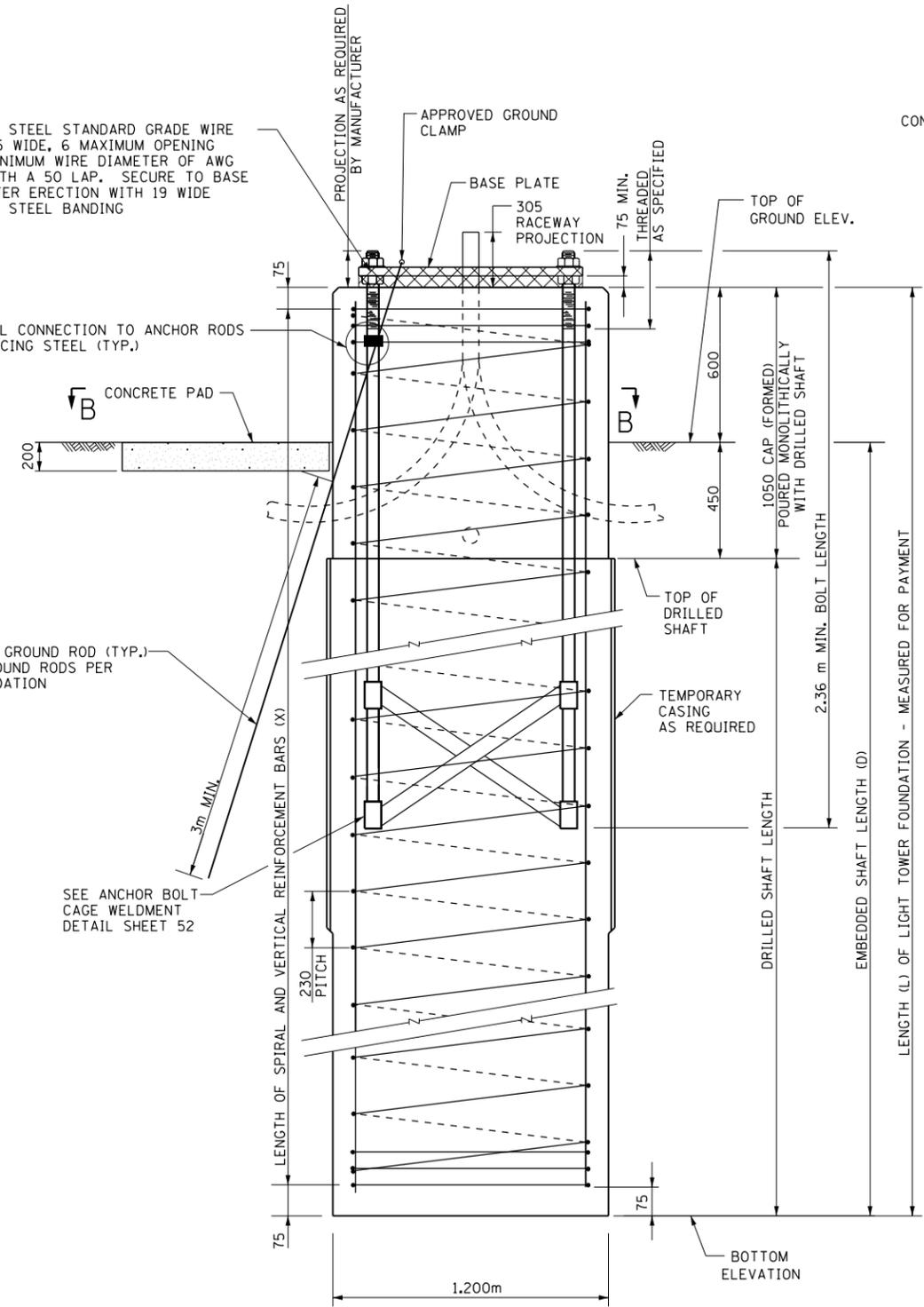


STAINLESS STEEL STANDARD GRADE WIRE CLOTH, 125 WIDE, 6 MAXIMUM OPENING WITH A MINIMUM WIRE DIAMETER OF AWG NO. 18, WITH A 50 LAP. SECURE TO BASE PLATE AFTER ERECTION WITH 19 WIDE STAINLESS STEEL BANDING

MECHANICAL CONNECTION TO ANCHOR RODS & REINFORCING STEEL (TYP.)

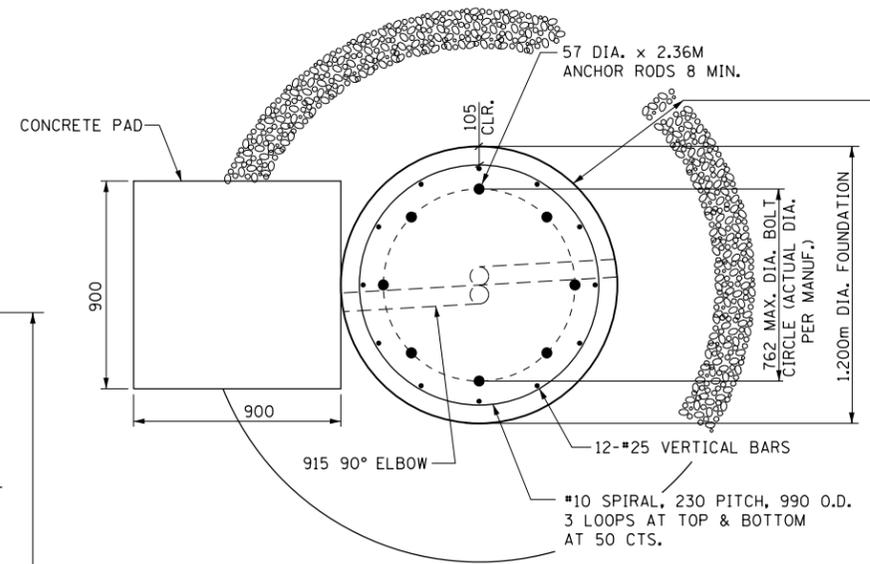
16mm GROUND ROD (TYP.)  
3 GROUND RODS PER FOUNDATION

SEE ANCHOR BOLT CAGE WELDMENT DETAIL SHEET 52



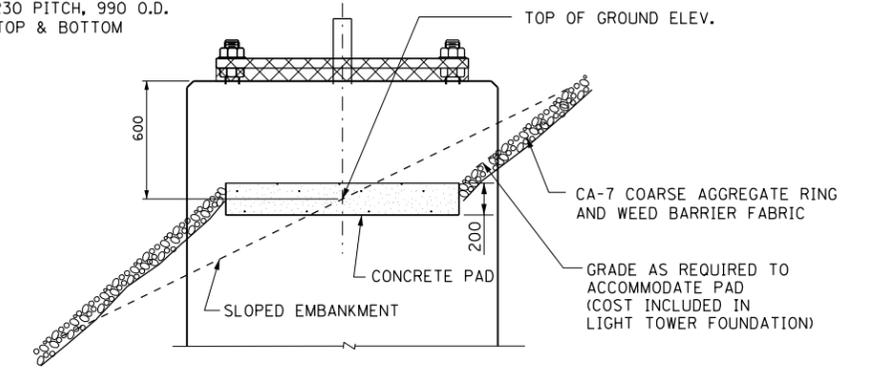
NOTE: NUTS SHALL BE TIGHTENED AGAINST THE BASE PLATE WITH 271 Nm MINIMUM TORQUE.

**FOUNDATION ELEVATION**



**SECTION B-B**

600 WIDE X 100 DEEP CA-7 COARSE AGGREGATE RING AND WEED BARRIER FABRIC. COST INCLUDED IN LIGHT TOWER FOUNDATION.



**FOUNDATION ELEVATION SLOPED CONDITION**

HIGH MAST TOWER LOCATION				THEORETICAL TOP OF GROUND ELEV.	EMBEDDED SHAFT LENGTH (D) (METERS)	TOWER FDN. LENGTH (L) (METERS)	BORING LOG	LENGTH (X) OF REINF. (METERS)
POLE ID	STATION	OFFSET	BASE LINE					
4 JEF L-02	40+266.0	23L	WAR MEM.	194.247	4.9	5.5	HMSB 120	5.350
5 SHI L-02	143+067.5	27L	I-74 E.B.	194.930	6.8	7.4	HMSB 7	7.250
6 SHI L-04	143+290.0	32L	I-74 E.B.	195.776	9.1	9.7	RWA 3N-6	9.550
3 RCD L-03	10+540.82	12.5L	RAMP H4	147.500	8.8	9.4	HMS8-73	9.250

**NOTES:**

THE COST OF THE GROUND RODS AND GROUND ROD CLAMPS SHALL BE INCLUDED IN THE LIGHT TOWER FOUNDATION PAY ITEM. THREE GROUND RODS ARE REQUIRED AT EACH LOCATION.

FILE NAME = 68B88 - High Mast Lighting Repair (Final)	USER NAME = aubreys	DESIGNED -	REVISED -
	1-19-14.dgn	DRAWN -	REVISED -
	PLOT SCALE = 164.7568' / in.	CHECKED -	REVISED -
	PLOT DATE = 4/18/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**LIGHT TOWER FOUNDATION DETAIL  
(TYPE 2 IN-FIELD)**

SCALE: \_\_\_\_\_ STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

FBI/FAP RTE.	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
74/150	72((7,9)1-4)8-1-6)10-1	PEORIA-TAZEWell	11 10
CONTRACT NO. 68B88			
ILLINOIS FED. AID PROJECT			