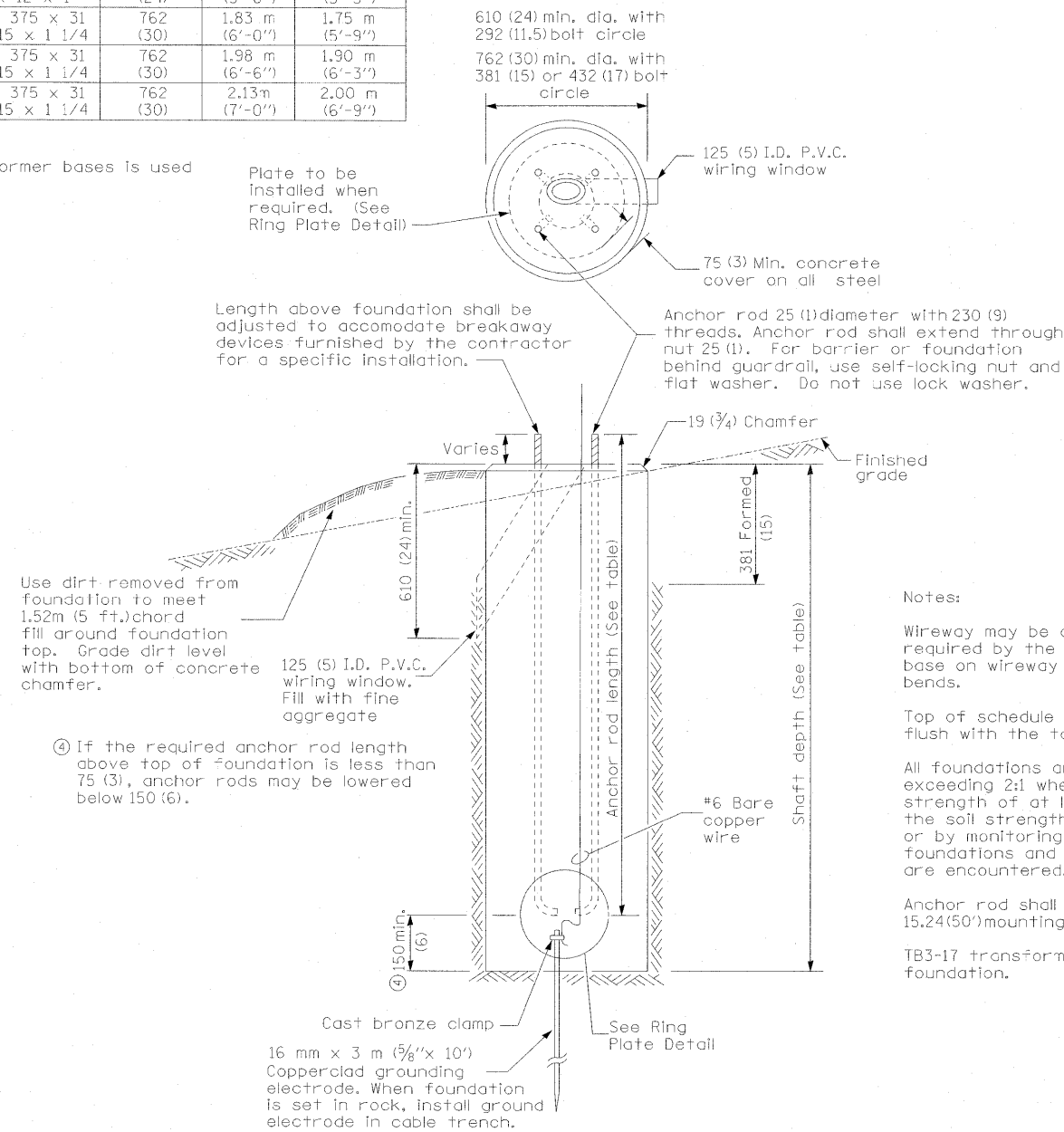
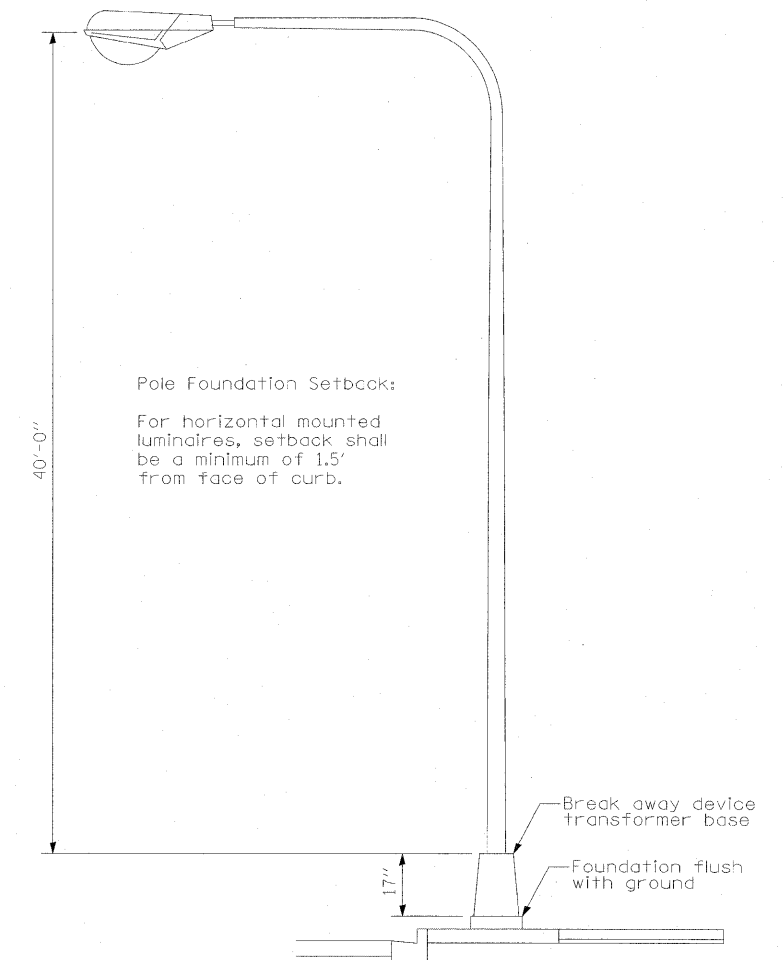


LIGHT POLE HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH <sup>①</sup>
≤ 9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ③	220 (8 5/8)	1.83 m (6') ②	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ③	220 (8 5/8)	2.44 m (8')	375 x 375 x 31 15 x 15 x 1 1/4	762 (30)	2.13 m (7'-0")	2.00 m (6'-9")

- ① Length does not include 100 (4) hook
- ② 220 mm x 2.44 m (8 5/8" x 8'-0") for Twin luminaires
- ③ Bolt circle diam. shall be 430 (17) when a TB3-17 transformer bases is used



CONCRETE FOUNDATION



- Notes:
- Wireway may be on front, back, or side of foundation as required by the trenching. Place cover of transformer base on wireway side to minimize the number of unit duct bends.
  - Top of schedule 40 125 (5) I.D. PVC wiring window, shall be flush with the top of foundation for drainage.
  - All foundations are designed to be located on slopes not exceeding 2:1 where soils have an unconfined compressive strength of at least 1.0 TSF. The contractor shall verify the soil strength during drilling for concrete foundations or by monitoring installation resistance on steel foundations and notify the engineer if other conditions are encountered.
  - Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
  - TB3-17 transformer base is not to be used on metal foundation.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = I:\09Jobs\09L0027\CADD\Elec\Sheet\008.dgn	USER NAME = Ander00846	DESIGNED - PJG	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>LIGHTING POLE FOUNDATION NORTHMOOR AND SHERIDAN ROAD STAGE 1 IMPROVEMENT</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 20.0000' / in.	CHECKED - RDN	DRAWN - ANC	REVISED -			6647	08-00302-00-PV	PEORIA	102	68
PLOT DATE = 03/19/10	DATE - 03/19/10	CHECKED - RDN	REVISED -			6595	09-00047-01-PV	CONTRACT NO. 89523		
						FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	M-5093(135)		