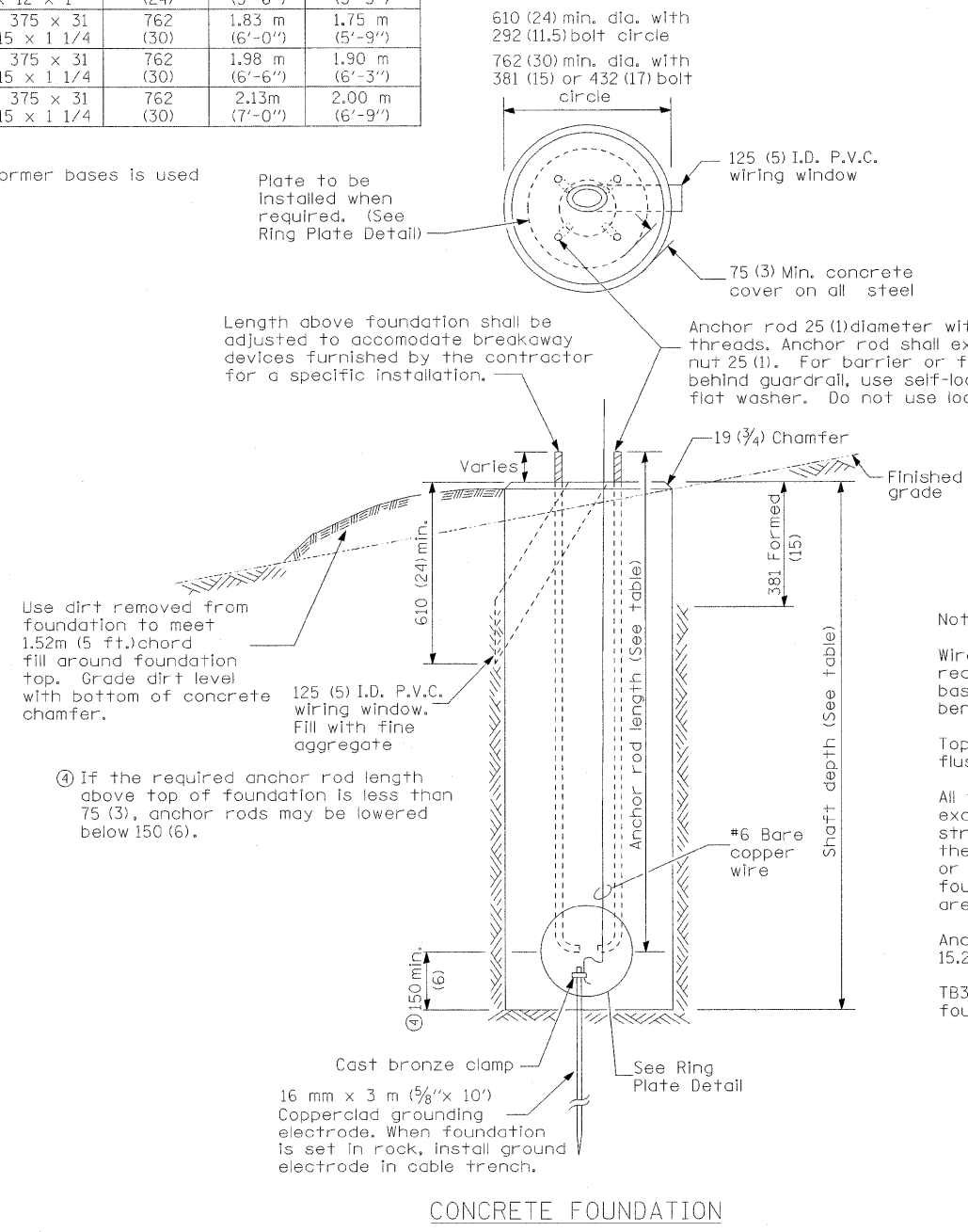


LIGHT POLE HEIGHT	BOLT CIRCLE DIAMETER	STEEL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ^①
≤ 9.1 m (30')	292 (11.5)	220 (8 5/8)	1.83 m (6')	300 x 300 x 25 12 x 12 x 1	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 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)	2.13m (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



Pole Foundation Setback:

For horizontal mounted luminaires, setback shall be a minimum of 1.5' from face of curb.



Notes:

Wireway may be on front, back, or side of foundation as required by the trenching. Place door 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 TSP. 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.

CONCRETE FOUNDATION



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

FILE NAME =	USER NAME = Ander-00846	DESIGNED - PJG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LIGHT POLE FOUNDATION NORTHMOOR ROAD STAGE 3 IMPROVEMENT			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1:\09\jobs\09L00270\CADD\Elec\Sheet\0-045.dgn		DRAWN - ANC	REVISED -		6647	08-00302-00-PV	PEORIA	85	51			
PLOT SCALE = 20.0000' / 1in.		CHECKED - RDN	REVISED -		09-00047-01-PV			CONTRACT NO. 89526				
PLOT DATE = 10\16\2009		DATE - 10/16/09	REVISED -		SCALE: NONE	SHEET NO. 6 OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	ARA-M-5093(139)		