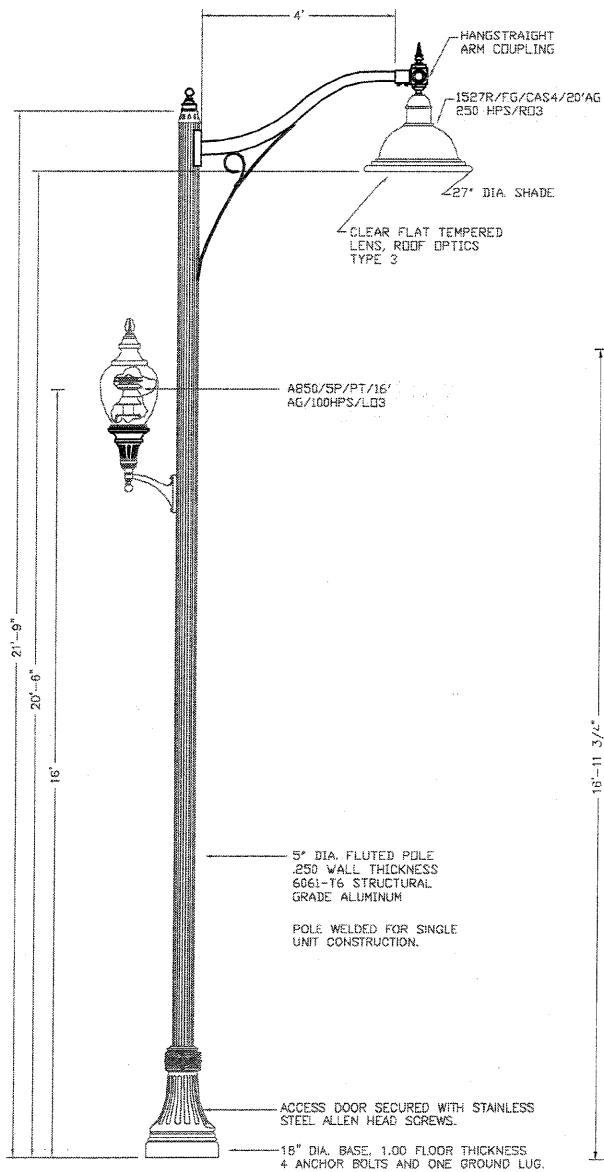


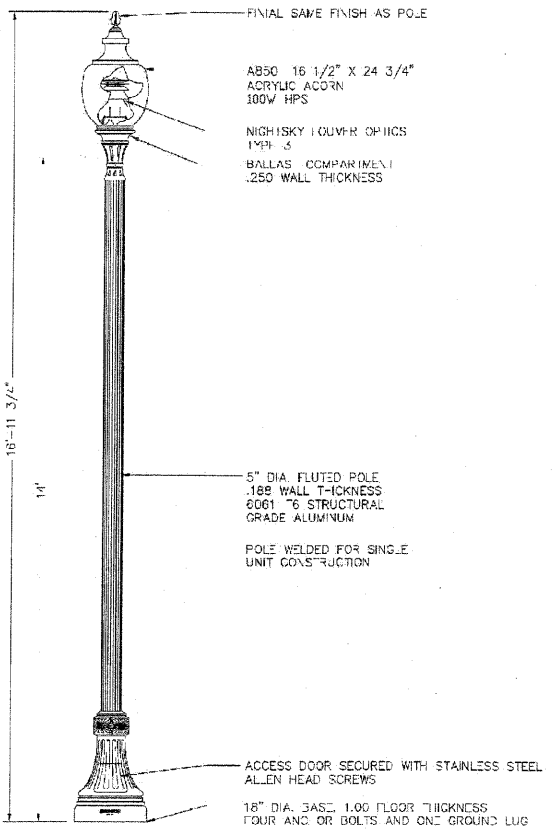
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NO.	00-0000-00-01	MOULTRIE	24	19
F.A.		CONTRACT #95561		
FED. ROAD DIST. NO. 2		ILLINOIS		

CONCRETE FOUNDATION				
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ^①
<9.1 m (30')	292 (11.5)	610 (24)	1.52 m (5'-0")	1.45 m (4'-9")
9.4 m - 10.7 m (31'-35')	292 (11.5)	610 (24)	1.67 m (5'-6")	1.60 m (5'-3")
10.9 m - 12.2 m (36'-40')	381 (15) ^②	762 (30)	1.83 m (6'-0")	1.75 m (5'-9")
12.5 m - 13.7 m (41'-45')	381 (15) ^③	762 (30)	1.98 m (6'-6")	1.90 m (6'-3")
14.0 m - 15.2 m (46'-50')	381 (15) ^③	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 base is used

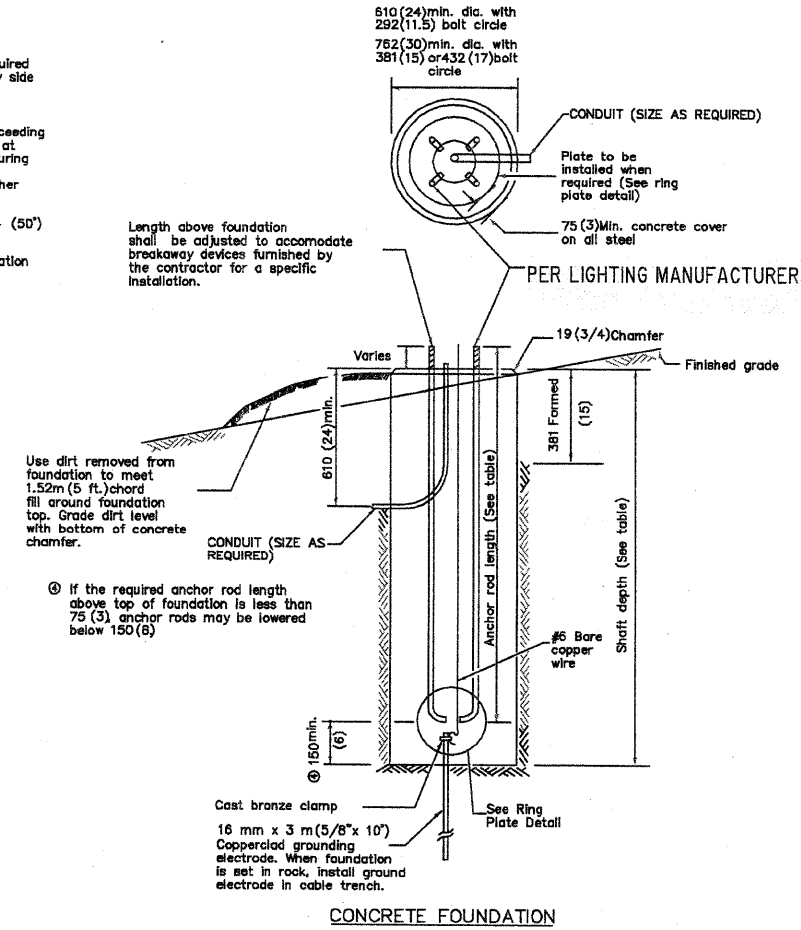


STREET & SIDEWALK LIGHT "OR APPROVED EQUAL"



SIDEWALK LIGHT "OR APPROVED EQUAL"

- Notes:
- 1) 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.
 - 2) 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.
 - 3) Anchor rod shall be increased to 31 (1 1/4) diameter for 15.24 (50') mounting height or above.
 - 4) TB3-17 transformer base is not to be used on metal foundation.



CONCRETE FOUNDATION

Revised 8-21-08

M
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Web Address: www.mgeng.com
Design Firm #: 004-003008
File name: S:\DWG\06\06244.dwg Lighting Detail L&W
Plot date: 08/19/08 at 14:00

LIGHT POLE DETAIL AND FOUNDATION SHEET
SIDEWALK ENHANCEMENT
CITY OF SULLIVAN
SECTION 06-00032-00-SW
MOULTRIE COUNTY, ILLINOIS