

**SITE LIGHTING ONE-LINE**

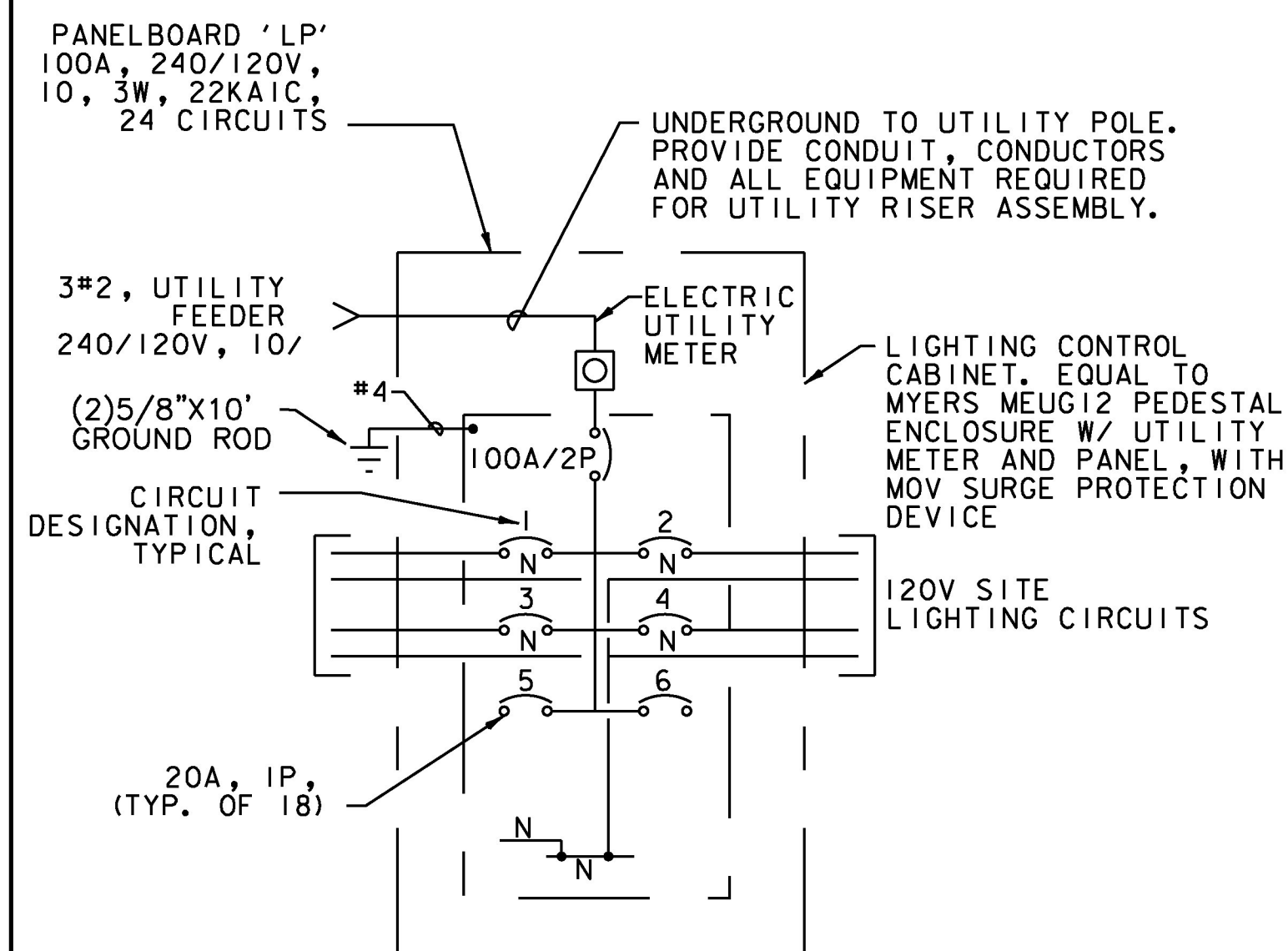
NOT TO SCALE

CONDUIT & CONDUCTOR SCHEDULE		CONDUCTORS			
KEY	CONDUIT SIZE	FOR FIXTURES	FOR SERVICE	FOR RECEPTACLES	FOR GROUND
A	2"	2#10			1#10G
B	2"	4#10			1#10G
C	3"		3#2		1#8G
DR3	2 1/2"	8#10		16#6	1#10G
E	2"	PULLCORD			
AR	2"	2#10		4#6	1#10G
BR4	2"	4#10		8#6	1#10G
AR1	2"	2#10		2#6	1#10G
BR2	2"	4#10		4#6	1#10G

**GENERAL NOTES:**

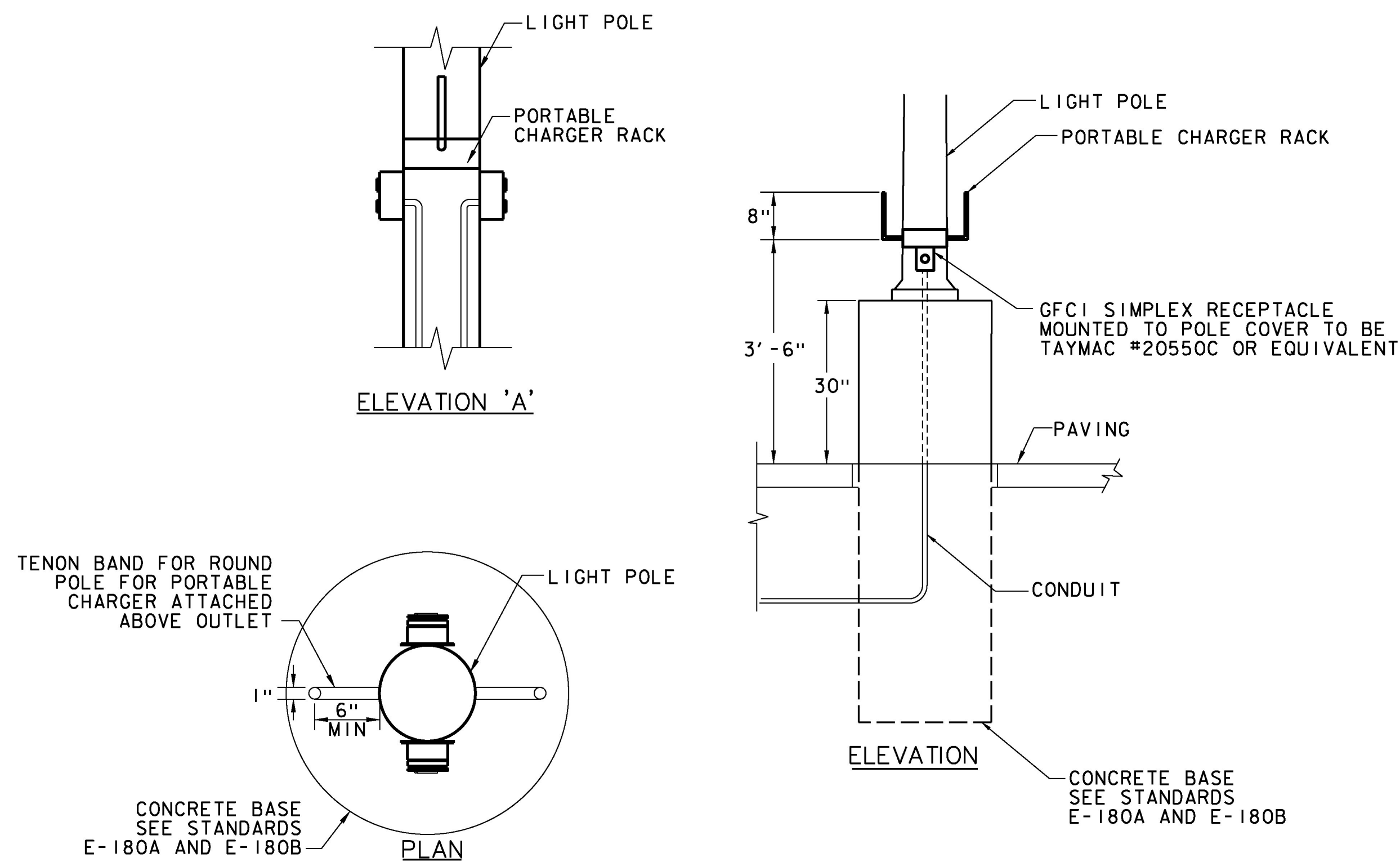
1. MAXIMUM OF 270° IN TOTAL BENDS PERMITTED IN SINGLE RUN OF CONDUIT.
2. LIGHTS SHALL BE FUSED AT BASE WITH Y-TYPE FUSE KIT WITH WATERPROOF INSULATED SEAL "FLOOD SEAL". SIZE OF SEAL SHALL MATCH WIRE AND HAVE A 10 AMP FUSE, AND MOV.
3. CIRCUIT CONDUCTORS INCLUDING NEUTRAL CONDUCTOR SHALL BE CLEARLY IDENTIFIED BY CORROSION RESISTANT TAGS INDICATING CIRCUIT NUMBER AND PANEL SOURCES AT EVERY POLE BASE AND HANDHOLE.
4. UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH INSULATED COVER FOR TAPS AT POLE BASE.
5. UTILIZE APPROVED DUAL-RATED PARALLEL TAP CONNECTOR WITH WATERTIGHT CONNECTOR, SUITABLE FOR DIRECT BURIAL IN JUNCTION BOXES, HANDHOLES AND MANHOLES.

PROJECT NAME:	BRADFORD
PROJECT NUMBER:	CMG PARK (33)
FILE NAME:	z09k252frm.dgn
PROJECT LEADER:	M. FOISY
DESIGNED BY:	M. CROWLEY
CHECKED BY:	G. SANTY
PLOT DATE:	5/22/2014
DRAWN BY:	P. ARMATA
LIGHTING DETAILS I	
	SHEET 16 OF 33



**ONE-LINE DIAGRAM ROADWAY LIGHTING SERVICE PEDESTAL**

NOT TO SCALE  
NOTE: NO RELAYS REQUIRED



**SPECIAL PROVISION (ELECTRIC VEHICLE OUTLET, LEVEL 1)**

NOT TO SCALE

