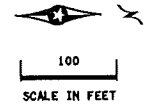
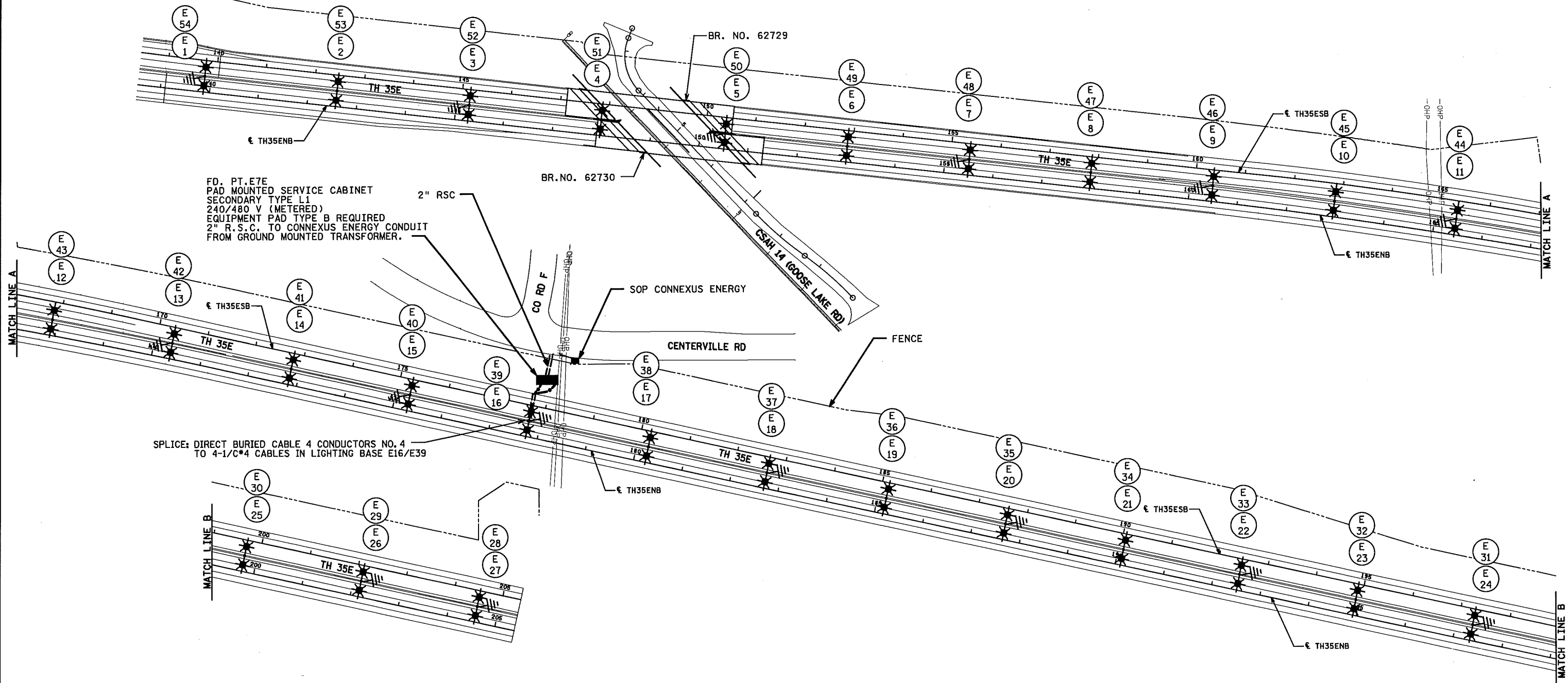


LEGEND

- *** LIGHTING UNIT
- ||— PERMANENT GROUND ROD (25 OHMS OR LESS)
- DIRECT BURIED CABLE 4 CONDUCTOR NO. 4
- ==== 3" PVC (UNLESS OTHERWISE NOTED)
- FD. PT. CABINET



PLOTTED/REVISED: 3/18/2015



DISTRICT #: METRO
 IPLOT NAME: E7E layout sheet
 PATH & FILENAME: IP_PWP-d16411316281-25.lht.dgn

FEED POINT E7E

BY	DATE	REVISIONS

FEEDPOINT: E7E LOCATION: TH 35E AT COUNTY RD F/CENTERVILLE RD
 METER ADDRESS: 4110 CENTERVILLE ROAD, RAMSEY COUNTY

LIGHTING PLAN

CERTIFIED BY *Michael P. Libinsky* LIC. NO. 19863 DATE: 3/18/2015
LICENSED PROFESSIONAL ENGINEER

STATE PROJ.NO. 6281-25 (T.H. 35E) SHEET NO. SL6 OF SL7 SHEETS

DRAWN BY: SJK CKD BY: PB DATE: 03-03-15

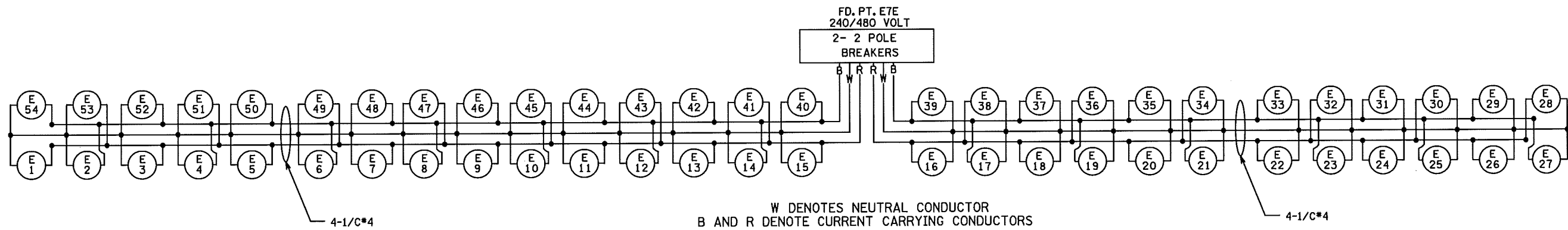
PLOTTED/REVISED: 3/18/2015

FEEDPOINT E7E
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
1	139+87	X		T.H. 35E NB	6BD-49 LED
54		X			
2	142+57	X			
53		X			
3	145+27	X			
52		X			
4	148+00	X			
51		X			6BD-49 LED
5	150+50	X			6BD-40 LED
50		X			
6	153+00	X			
49		X			
7	155+49	X			
48		X			
8	157+98	X			
47		X			
9	160+46	X			
46		X			
10	162+95	X			
45		X			
11	165+43	X			
44		X			
12	167+89	X			
43		X			
13	170+36	X			
42		X			
14	172+82	X			
41		X			
15	175+29	X			
40		X		T.H. 35E NB	6BD-40 LED

FEEDPOINT E7E
LIGHTING STANDARDS AND FOUNDATIONS

NO.	STATION	LT.	RT.	LOCATION	TYPE
16	177+76	X		T.H. 35E NB	6BD-40 LED
39		X			
17	180+23	X			
38		X			
18	182+70	X			
37		X			
19	185+17	X			
36		X			
20	187+64	X			
35		X			
21	190+10	X			
34		X			
22	192+51	X			
33		X			
23	194+92	X			
32		X			
24	197+33	X			
31		X			
25	199+74	X			
30		X			
26	202+15	X			
29		X			
27	204+56	X			
28		X		T.H. 35E NB	6BD-40 LED



FEED POINT E7E

BY	DATE	REVISIONS
DRAWN BY: SJK	CKD BY: PB	DATE: 03-03-15

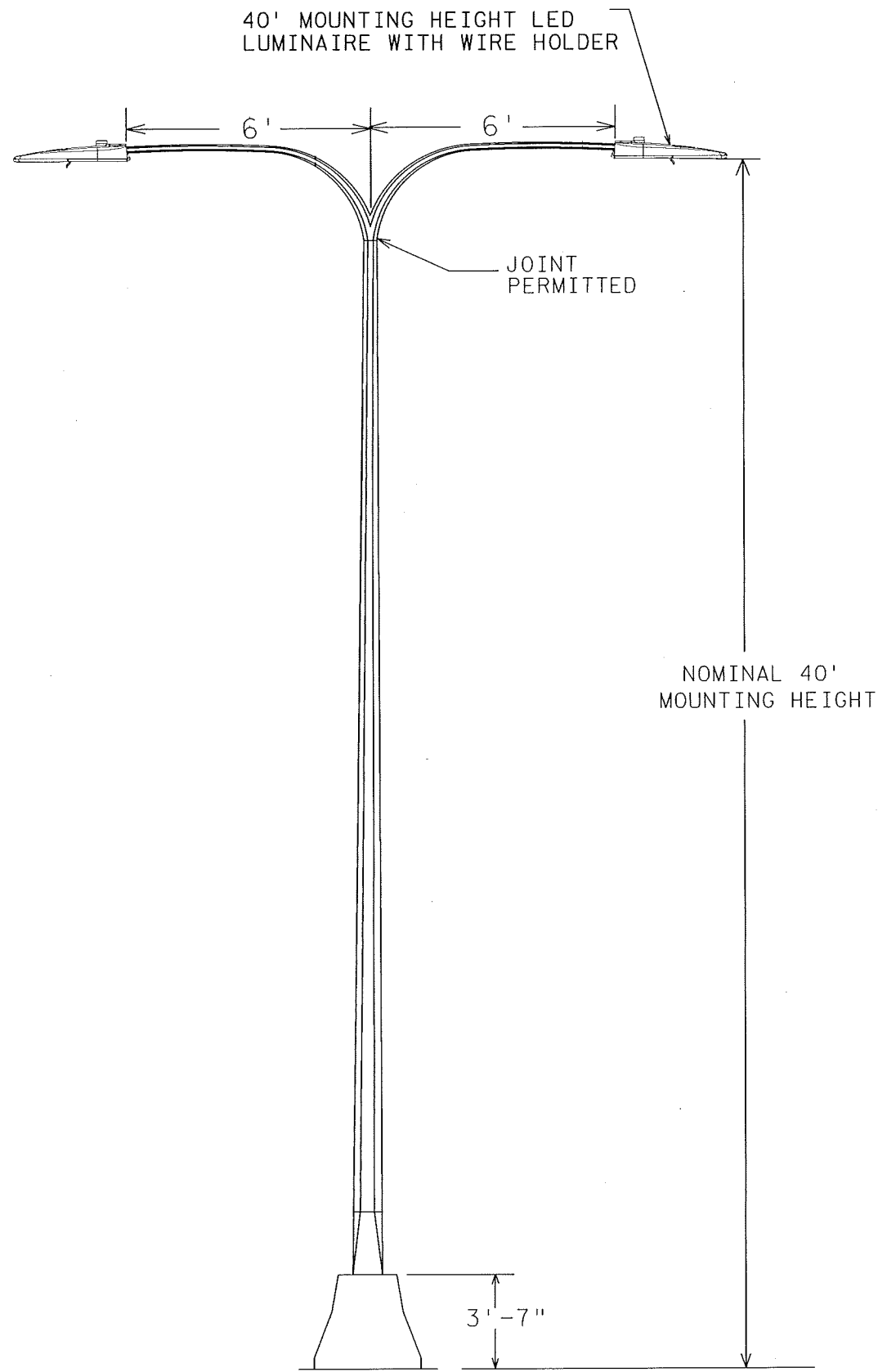
FEEDPOINT: E7E	LOCATION: TH 35E AT COUNTY RD F/CENTERVILLE RD
METER ADDRESS: 4110 CENTERVILLE RD, RAMSEY COUTNY	
CERTIFIED BY: <i>Michael P. Labinsky</i>	LIC. NO. 19863 DATE: 3/18/2015
<small>LICENSED PROFESSIONAL ENGINEER</small>	

LIGHTING PLAN
STATE PROJ.NO. 6281-25 (T.H. 35E) SHEET NO. SL7 OF SL7 SHEETS

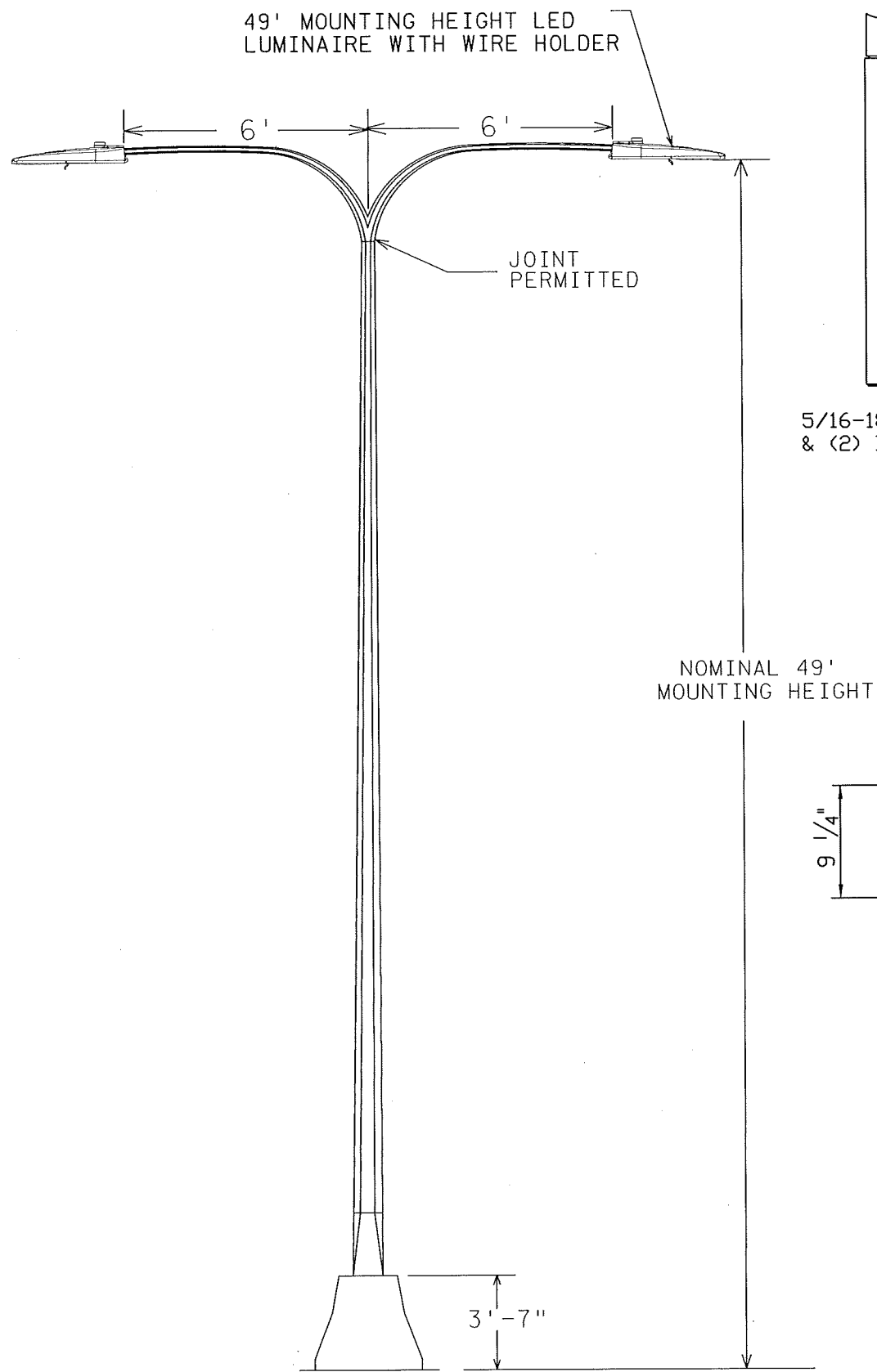
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PLOT NAME: E7E chart wiring diagram
PATH & FILENAME: IP_PWP-d164113V6281-25.lf.dgn

PLOTTED/REVISED: 3/18/2015

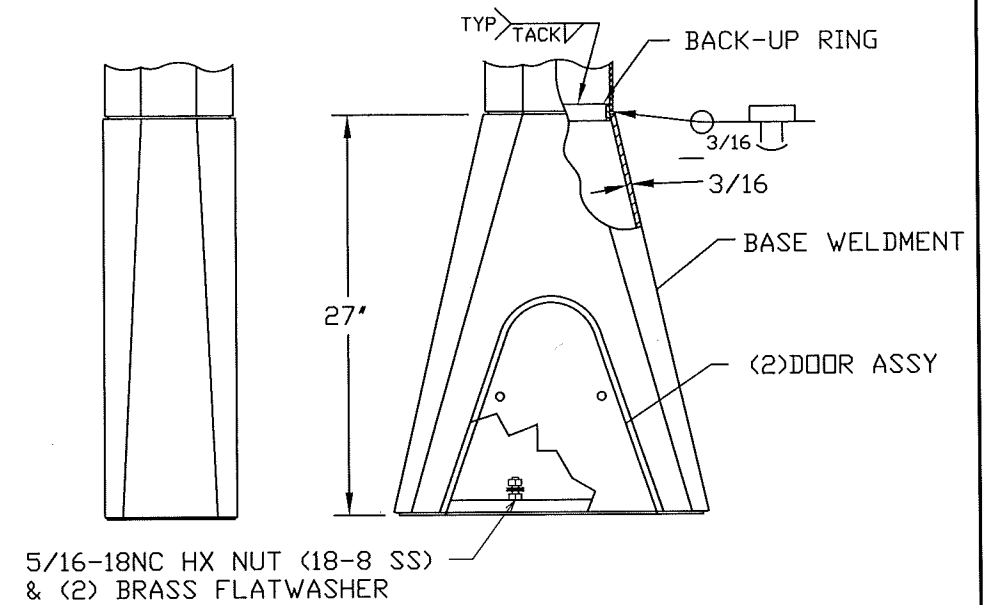
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LIGHTING UNIT TYPE 6BD-40

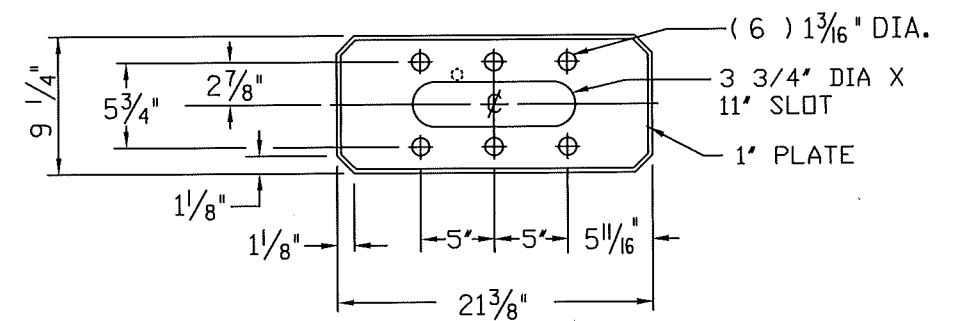


LIGHTING UNIT TYPE 6BD-49



RADIUS CHART (ENGLISH)

MAST ARM LENGTH	RADIUS
6	5
9	8
12	10



BASE PLATE DETAIL FOR BRIDGE POLES AND
 MEDIAN BARRIER POLES WITH 6 ANCHOR BOLTS

LUMINAIRES

240-480 VOLT - NO PHOTO CELL

NOTES:

- SKIRT MATERIAL-HIGH STRENGTH LOW ALLOY STEEL 50,000 PSI MIN YIELD PER ASTM A607 (A606 IF SELF WEATHERING) BASE PLATE MATERIAL 36,000 PSI MIN YIELD PER ASTM A36 (A588 IF SELF WEATHERING)
- FINISH-TO MATCH POLE

BY	DATE	REVISIONS
DRAWN BY: SJK	CKD BY: PB	DATE: 03-03-15

CERTIFIED BY *Michael P. Gubensky* LIC. NO. 19863 DATE: 3/18/2015
LICENSED PROFESSIONAL ENGINEER

LIGHTING DETAILS

STATE PROJ. NO. 6281-25 (T.H. 35E) SHEET NO. SL3 OF SL7 SHEETS