






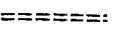

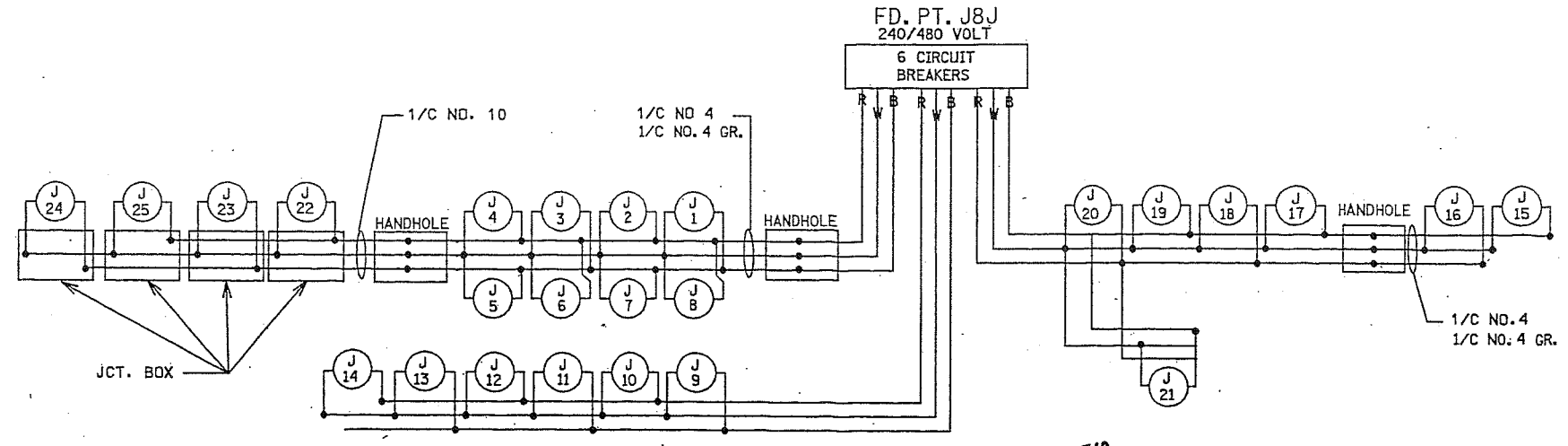


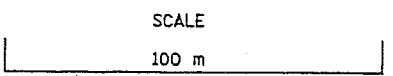
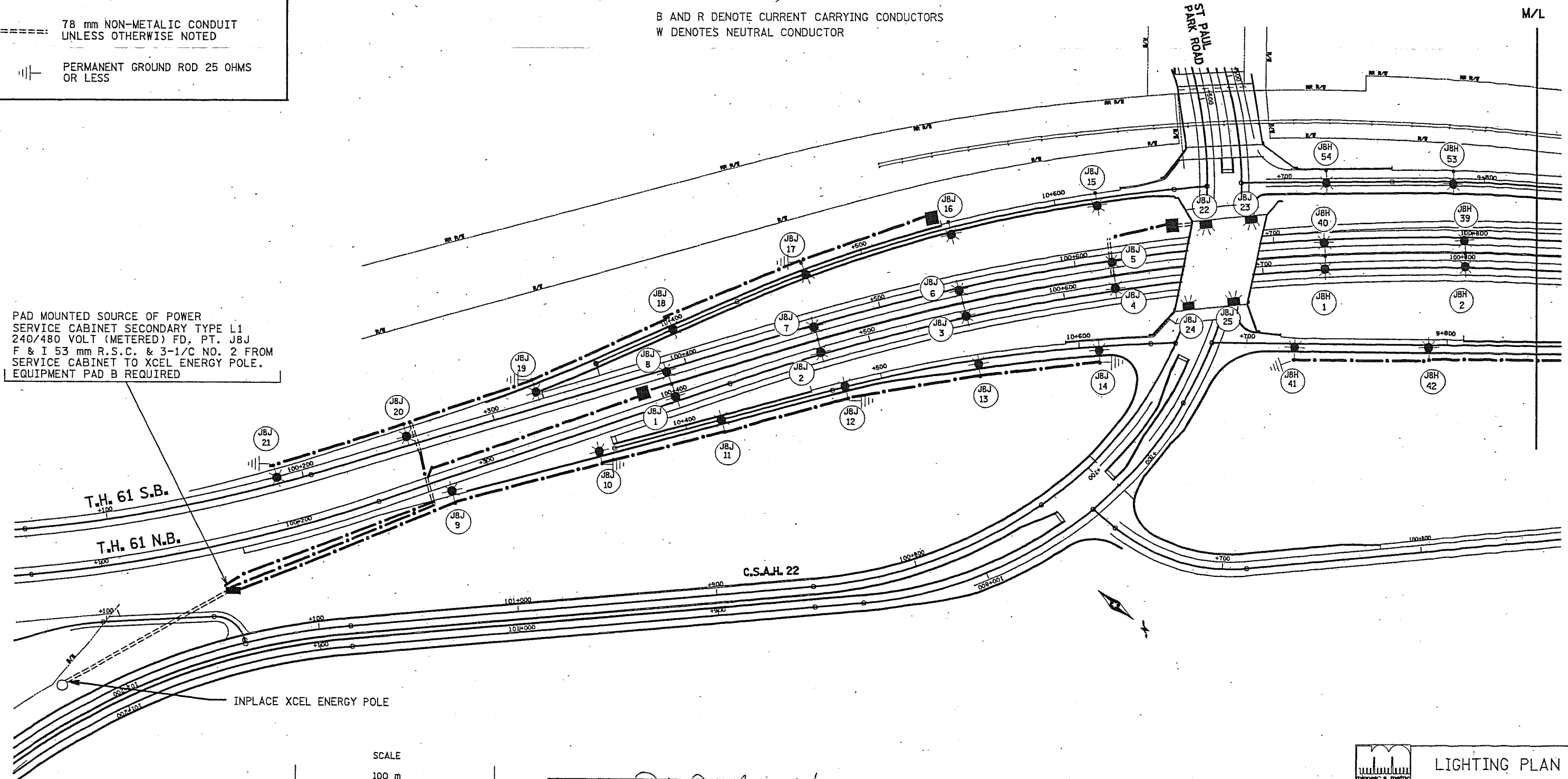
LEGEND

-  PAD MOUNTED SOURCE OF POWER
240/480 VOLT
-  250 WATT HIGH PRESSURE SODIUM
LIGHTING UNIT
-  250 WATT HIGH PRESSURE SODIUM
TWIN LIGHTING UNIT
-  INPLACE LIGHTING UNIT
-  250 WATT HIGH PRESSURE SODIUM
UNDERPASS LIGHTING FIXTURE
-  ARMORED CABLE 4 CONDUCTOR NO. 4
-  HANDHOLE
-  78 mm NON-METALIC CONDUIT
UNLESS OTHERWISE NOTED
-  PERMANENT GROUND ROD 25 OHMS
OR LESS



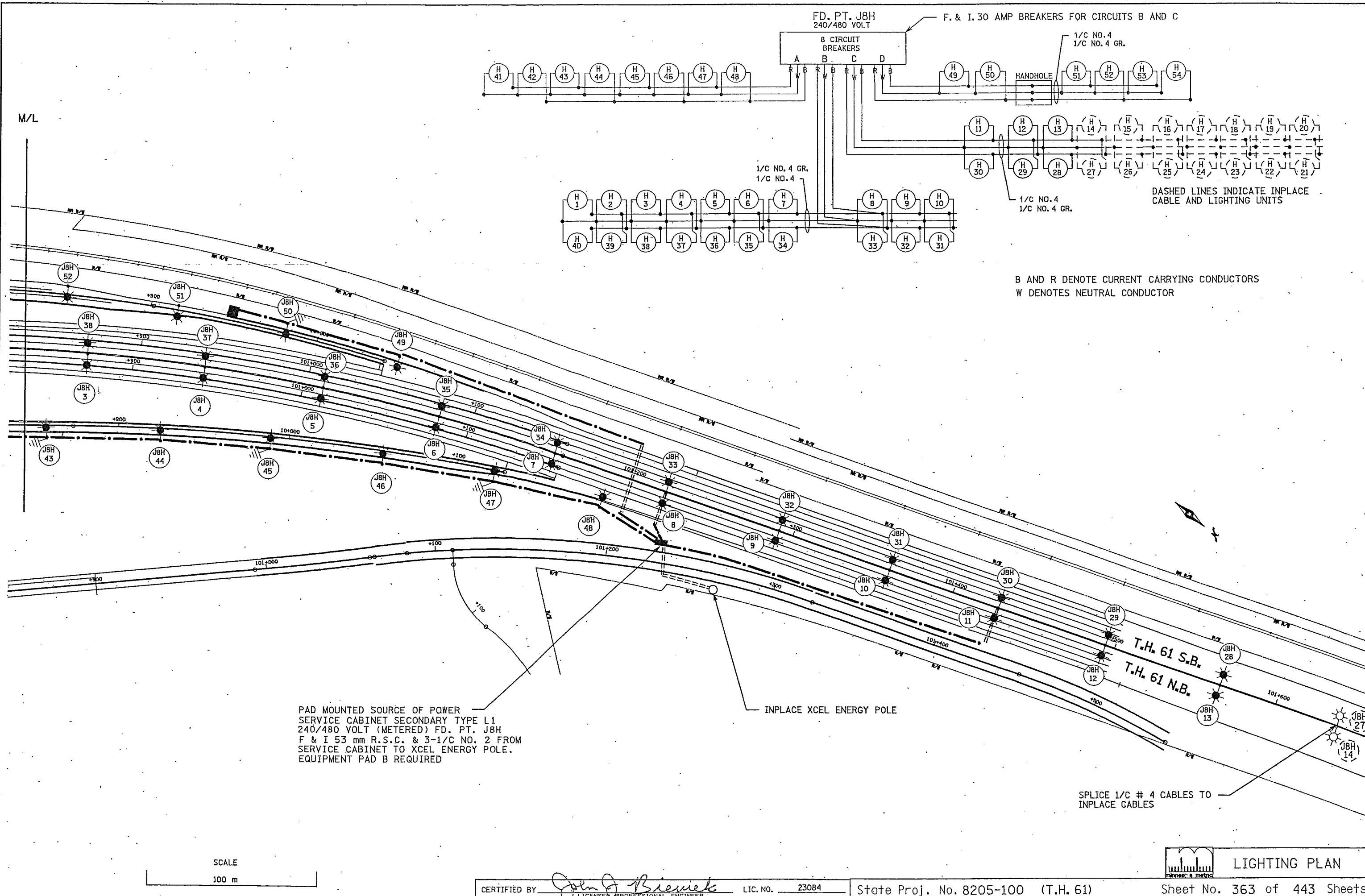
B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

PAD MOUNTED SOURCE OF POWER
SERVICE CABINET SECONDARY TYPE L1
240/480 VOLT (METERED) FD, PT. J8J
F & I 53 mm R.S.C. & 3-1/C NO. 2 FROM
SERVICE CABINET TO XCEL ENERGY POLE.
EQUIPMENT PAD B REQUIRED



CERTIFIED BY *John A. Bruniak* LIC. NO. 23084
LICENSED PROFESSIONAL ENGINEER

State Proj. No. 8205-100 (T.H. 61)



FD. PT. JBH
240/480 VOLT

F. & I. 30 AMP BREAKERS FOR CIRCUITS B AND C

8 CIRCUIT
BREAKERS

1/C NO. 4
1/C NO. 4 GR.

HANDHOLE

1/C NO. 4 GR.
1/C NO. 4

1/C NO. 4
1/C NO. 4 GR.

DASHED LINES INDICATE INPLACE
CABLE AND LIGHTING UNITS

B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

PAD MOUNTED SOURCE OF POWER
SERVICE CABINET SECONDARY TYPE L1
240/480 VOLT (METERED) FD. PT. JBH
F & I 53 mm R.S.C. & 3-1/C NO. 2 FROM
SERVICE CABINET TO XCEL ENERGY POLE.
EQUIPMENT PAD B REQUIRED

INPLACE XCEL ENERGY POLE

SPLICE 1/C # 4 CABLES TO
INPLACE CABLES

SCALE

100 m

CERTIFIED BY

John A. Biemel
LICENSED PROFESSIONAL ENGINEER

LIC. NO.




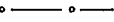


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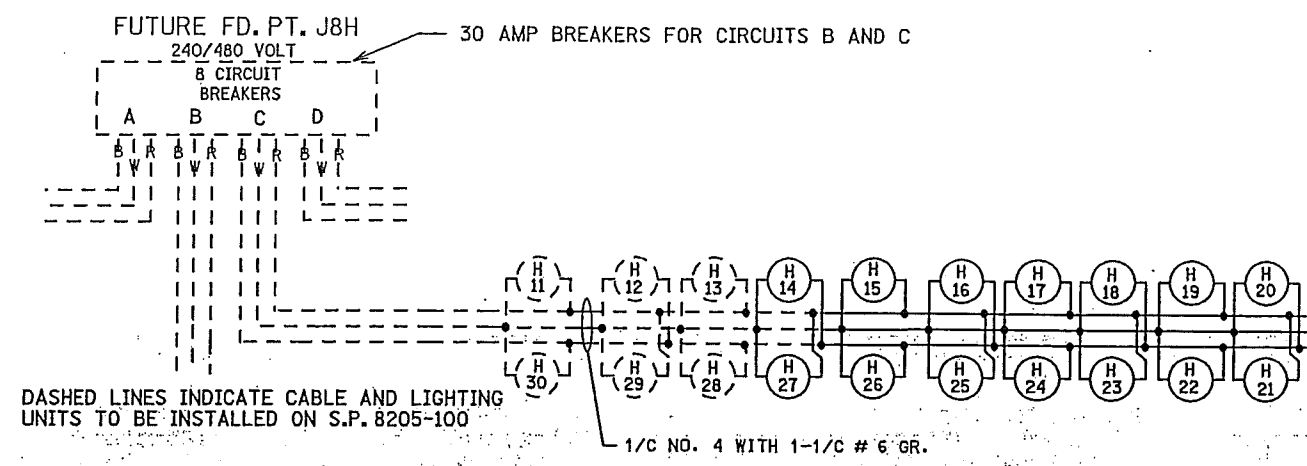
State Proj. No. 8205-100 (T.H. 61)

Sheet No. 363 of 443 Sheets

LIGHTING PLAN

LEGEND

-  FUTURE PAD MOUNTED SOURCE OF POWER
240/480 VOLT
-  250 WATT HIGH PRESSURE SODIUM
TWIN LIGHTING UNIT
-  FUTURE LIGHTING UNIT
-  FUTURE ARMORED CABLE 3 CONDUCTOR NO. 4
-  INPLACE HANDHOLE
-  FUTURE 78 mm NON-METALIC CONDUIT
UNLESS OTHERWISE NOTED

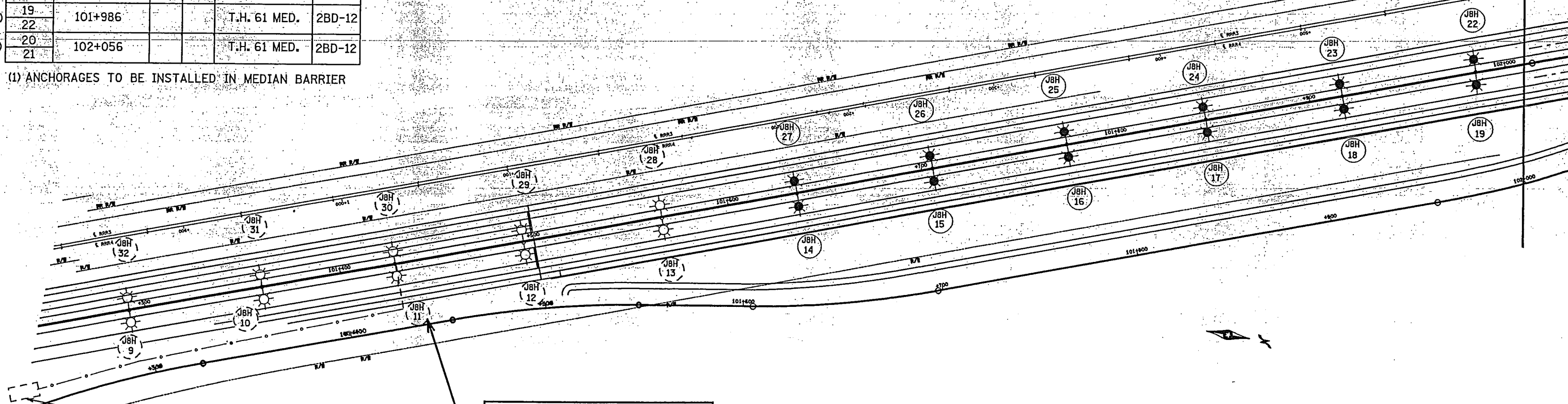


B AND R DENOTE CURRENT CARRYING CONDUCTORS
W DENOTES NEUTRAL CONDUCTOR

FEEDPOINT J8H

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(1) 14	101+635			T.H. 61 MED.	2BD-12
(1) 27	101+705			T.H. 61 MED.	2BD-12
(1) 15	101+705			T.H. 61 MED.	2BD-12
(1) 26	101+705			T.H. 61 MED.	2BD-12
(1) 16	101+775			T.H. 61 MED.	2BD-12
(1) 25	101+775			T.H. 61 MED.	2BD-12
(1) 17	101+846			T.H. 61 MED.	2BD-12
(1) 24	101+846			T.H. 61 MED.	2BD-12
(1) 18	101+916			T.H. 61 MED.	2BD-12
(1) 23	101+916			T.H. 61 MED.	2BD-12
(1) 19	101+986			T.H. 61 MED.	2BD-12
(1) 22	101+986			T.H. 61 MED.	2BD-12
(1) 20	102+056			T.H. 61 MED.	2BD-12
(1) 21	102+056			T.H. 61 MED.	2BD-12

(1) ANCHORAGES TO BE INSTALLED IN MEDIAN BARRIER



FEEDPOINT J8H (240/480 VOLT)
TO BE INSTALLED IN S.P. 8205-100

DASHED LINES INDICATE ITEMS TO
BE INSTALLED IN S.P. 8205-100

SCALE
100 m

CERTIFIED BY *John A. Biemels* LIC. NO. 23084
LICENSED PROFESSIONAL ENGINEER

State Proj. No. 8205-99 (T.H. 61)



LIGHTING PLAN

Sheet No. 2 of 3 Sheets

FD.PT. J8J

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(1) 1	100+400 NB			T.H. 61 MED.	2BD-12
8					
(1) 2	100+476 NB			T.H. 61 MED.	2BD-12
7					
(1) 3	100+550 NB			T.H. 61 MED.	2BD-12
6					
(1) 4	100+626 NB			T.H. 61 MED.	2BD-12
5					
9	100+280 NB		-	T.H. 61 NB	4-12
10	100+354 NB		-	T.H. 61 NB	4-12
11	10+418		-	S.E. RAMP	3-12
12	10+482		-	S.E. RAMP	3-12
13	10+548		-	S.E. RAMP	3-12
14	10+610		-	S.E. RAMP	3-12
(1) 15	10+620		-	S.W. RAMP	2B-12
(1) 16	10+546		-	S.W. RAMP	2B-12
17	10+472		-	S.W. RAMP	3-12
18	10+398		-	S.W. RAMP	3-12
19	100+326 SB		-	T.H. 61 S.B.	4-12
20	100+258 SB		-	T.H. 61 S.B.	4-12
21	100+188 SB		-	T.H. 61 S.B.	4-12
22	100+668 SB		-	T.H. 61 S.B.	L
23	100+692 SB		-	T.H. 61 S.B.	L
24	100+660 NB		-	T.H. 61 N.B.	L
25	100+682 NB		-	T.H. 61 N.B.	L

(1) ANCHORAGE BY OTHERS

FD. PT. J8H

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(1) 1	100+732 NB			T.H. 61 MED.	2BD-12
40					
(1) 2	100+802 NB			T.H. 61 MED.	2BD-12
39					
(1) 3	100+872 NB			T.H. 61 MED.	2BD-12
38					
(1) 4	100+942 NB			T.H. 61 MED.	2BD-12
37					
(1) 5	101+012 NB			T.H. 61 MED.	2BD-12
36					
(1) 6	101+082 NB			T.H. 61 MED.	2BD-12
35					
(1) 7	101+152 NB			T.H. 61 MED.	2BD-12
34					
(1) 8	101+222			T.H. 61 MED.	2BD-12
33					
(1) 9	101+292			T.H. 61 MED.	2BD-12
32					
(1) 10	101+360			T.H. 61 MED.	2BD-12
31					
(1) 11	101+428			T.H. 61 MED.	2BD-12
30					
(1) 12	101+496			T.H. 61 MED.	2BD-12
29					
(1) 13	101+566			T.H. 61 MED.	2BD-12
28					
(1) 14	INPLACE			T.H. 61 MED.	2BD-12
27					
(1) 15	INPLACE			T.H. 61 MED.	2BD-12
26					

(1) ANCHORAGE BY OTHERS

FD. PT. J8H

LIGHTING STANDARDS AND BASES					
NO.	STATION	LT.	RT.	LOCATION	TYPE
(1) 16	INPLACE			T.H. 61 MED.	2BD-12
25					
(1) 17	INPLACE			T.H. 61 MED.	2BD-12
24					
(1) 18	INPLACE			T.H. 61 MED.	2BD-12
23					
(1) 19	INPLACE			T.H. 61 MED.	2BD-12
22					
(1) 20	INPLACE			T.H. 61 MED.	2BD-12
21					
41	9+726		-	N.E. RAMP	3-12
42	9+792		-	N.E. RAMP	3-12
43	9+858		-	N.E. RAMP	3-12
44	9+924		-	N.E. RAMP	3-12
45	9+990		-	N.E. RAMP	3-12
46	10+056		-	N.E. RAMP	3-12
47	10+122		-	N.E. RAMP	3-12
48	101+188 NB		-	T.H. 61 N.B.	4-12
49	101+050 SB		-	T.H. 61 S.B.	4-12
50	9+981		-	N.W. RAMP	3-12
(1) 51	9+916		-	N.W. RAMP	2B-12
(1) 52	9+851		-	N.W. RAMP	2B-12
(1) 53	9+786		-	N.W. RAMP	2B-12
(1) 54	9+721		-	N.W. RAMP	2B-12

(1) ANCHORAGE BY OTHERS

