

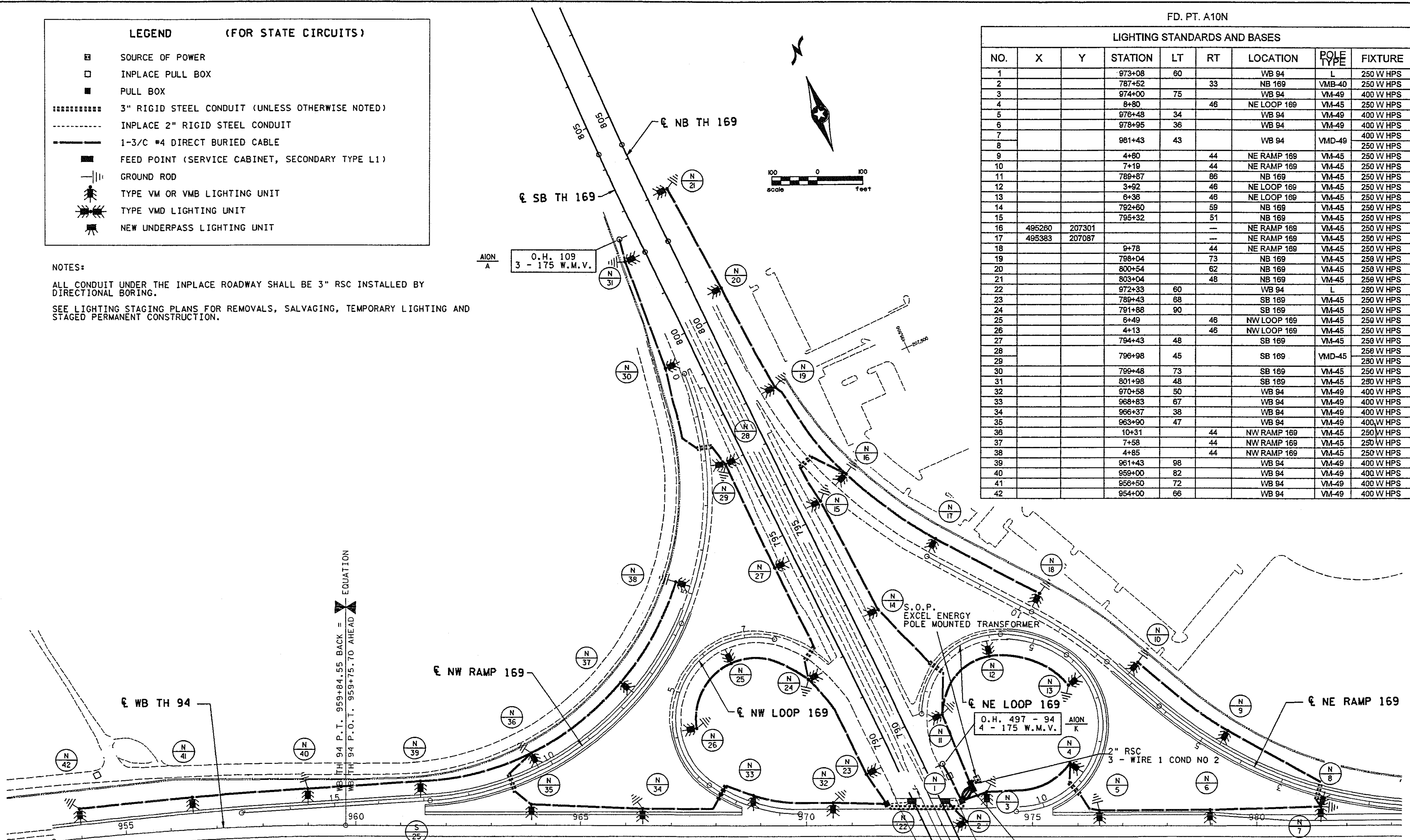
LEGEND (FOR STATE CIRCUITS)

- ☐ SOURCE OF POWER
- ☐ INPLACE PULL BOX
- PULL BOX
- ⋯⋯⋯ 3" RIGID STEEL CONDUIT (UNLESS OTHERWISE NOTED)
- - - - - INPLACE 2" RIGID STEEL CONDUIT
- 1-3/4 #4 DIRECT BURIED CABLE
- FEED POINT (SERVICE CABINET, SECONDARY TYPE L1)
- ⊥ GROUND ROD
- ⊙ TYPE VM OR VMB LIGHTING UNIT
- ⊙ TYPE VMD LIGHTING UNIT
- ⊙ NEW UNDERPASS LIGHTING UNIT

NOTES:

ALL CONDUIT UNDER THE INPLACE ROADWAY SHALL BE 3" RSC INSTALLED BY DIRECTIONAL BORING.
SEE LIGHTING STAGING PLANS FOR REMOVALS, SALVAGING, TEMPORARY LIGHTING AND STAGED PERMANENT CONSTRUCTION.

LIGHTING STANDARDS AND BASES								
NO.	X	Y	STATION	LT	RT	LOCATION	POLE TYPE	FIXTURE
1			973+08	60		WB 94	L	250 W HPS
2			787+52		33	NB 169	VMB-40	250 W HPS
3			974+00	75		WB 94	VM-49	400 W HPS
4			8+80		46	NE LOOP 169	VM-45	250 W HPS
5			976+48	34		WB 94	VM-49	400 W HPS
6			978+95	36		WB 94	VM-49	400 W HPS
7			981+43	43		WB 94	VMD-49	400 W HPS
8								250 W HPS
9			4+60		44	NE RAMP 169	VM-45	250 W HPS
10			7+19		44	NE RAMP 169	VM-45	250 W HPS
11			789+87		86	NB 169	VM-45	250 W HPS
12			3+92		46	NE LOOP 169	VM-45	250 W HPS
13			6+36		46	NE LOOP 169	VM-45	250 W HPS
14			792+60		59	NB 169	VM-45	250 W HPS
15			795+32		51	NB 169	VM-45	250 W HPS
16	495260	207301				NE RAMP 169	VM-45	250 W HPS
17	495383	207087				NE RAMP 169	VM-45	250 W HPS
18			9+78		44	NE RAMP 169	VM-45	250 W HPS
19			798+04		73	NB 169	VM-45	250 W HPS
20			800+54		62	NB 169	VM-45	250 W HPS
21			803+04		48	NB 169	VM-45	250 W HPS
22			972+33	60		WB 94	L	250 W HPS
23			789+43	88		SB 169	VM-45	250 W HPS
24			791+88	90		SB 169	VM-45	250 W HPS
25			6+49		46	NW LOOP 169	VM-45	250 W HPS
26			4+13		46	NW LOOP 169	VM-45	250 W HPS
27			794+43	48		SB 169	VM-45	250 W HPS
28			796+98	45		SB 169	VMD-45	250 W HPS
29								280 W HPS
30			799+48	73		SB 169	VM-45	250 W HPS
31			801+98	48		SB 169	VM-45	250 W HPS
32			970+58	50		WB 94	VM-49	400 W HPS
33			968+83	67		WB 94	VM-49	400 W HPS
34			966+37	38		WB 94	VM-49	400 W HPS
35			963+90	47		WB 94	VM-49	400 W HPS
36			10+31		44	NW RAMP 169	VM-45	250 W HPS
37			7+58		44	NW RAMP 169	VM-45	250 W HPS
38			4+85		44	NW RAMP 169	VM-45	250 W HPS
39			961+43	98		WB 94	VM-49	400 W HPS
40			959+00	82		WB 94	VM-49	400 W HPS
41			958+50	72		WB 94	VM-49	400 W HPS
42			954+00	66		WB 94	VM-49	400 W HPS



O.H. 109
3 - 175 W.M.V.

O.H. 497 - 94
4 - 175 W.M.V.

WB TH 94 P.T. 959+84.55 BACK = EQUATION
WB TH 94 P.O.T. 959+75.70 AHEAD

S.O.P.
EXCEL ENERGY
POLE MOUNTED TRANSFORMER

FD. PT. A10N 240/480 V. (METERED)
SERVICE CABINET SECONDARY TYPE L1.
EQUIPMENT PAD B REQUIRED.
7030 TH 169
EXCEL ENERGY

NO	DATE	BY	CHKD	APPR	REVISION

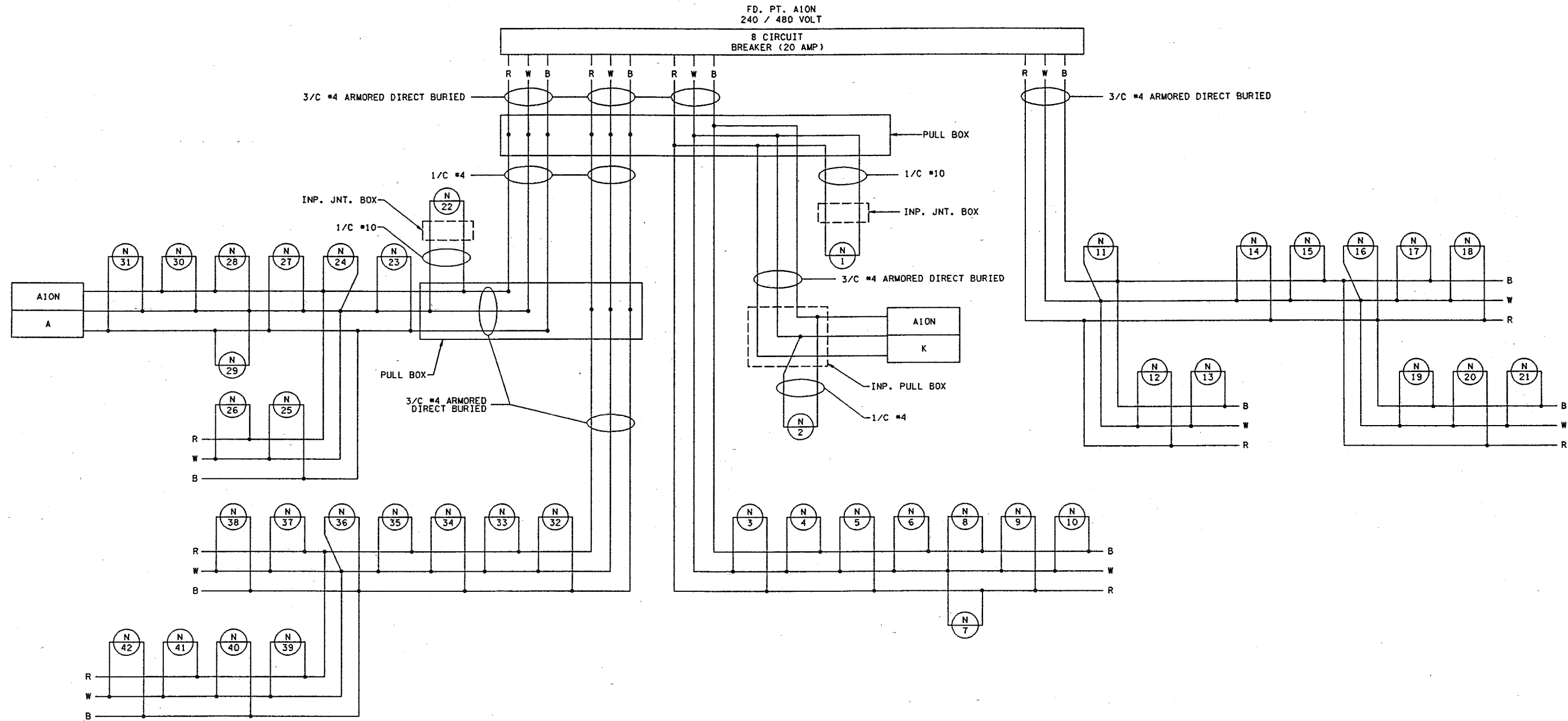
I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Print Name: BRIAN D. HOLT
Brian D. Holt
Date: 1/25/02 License # 21428

STATE AID PROJECT NO. _____
CITY PROJECT NO. _____
DRAWN BY T. LATOUR DATE 12-01
DESIGNED BY B. HOLT 12-01
CHECKED BY B. HOLT 12-01
COMM. NO. 0014003



MINNESOTA DEPT. OF TRANSPORTATION
S.P. 2786-115 (TH 94)
LIGHTING PLANS & TABULATIONS
PERMANENT LIGHTING

SHEET 337 OF 468



NOTES:
 GROUND NOT SHOWN
 B AND R DENOTE CURRENT CARRYING CONDUCTORS
 W DENOTES NEUTRAL CONDUCTOR
 • DENOTES SPLICE

DESIGN FILE: H:\ACTV\11-97\4003-4004\10\ROADWAY\2786115.LPB
 PRF FILE: H:\ACTV\11-97\4003-4004\PRE\LPB.PRT
 PLOTTER: MS-HP551MK
 PLOT SCALE: 202.021
 PLOT DATE/TIME: 01/23/02 2:14:12:45

NO	DATE	BY	CKD	APPR	REVISION

NAME: C2786115.LPB DATE: Jan. 23, 2002

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
 Print Name: BRIAN D. HOLT
Brian D Holt
 Date: 1/23/02 License # 21428

STATE AID PROJECT NO. _____
 CITY PROJECT NO. _____
 DRAWN BY: T. LATOUR DATE: 12-01
 DESIGNED BY: B. HOLT DATE: 12-01
 CHECKED BY: B. HOLT DATE: 12-01
 COMM. NO. 0014003



MINNESOTA DEPT. OF TRANSPORTATION
 S.P. 2786-115 (TH 94)
 LIGHTING PLANS & TABULATIONS
 PERMANENT LIGHTING

SHEET
 338
 OF
 468