LIGHTING GENERAL NOTES

1. CONFLICTS WITH UTILITIES

THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO TYPE AND LOCATION OF UNDERGROUND UTILITILES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO. THE CONTRACTOR SHALL VERIFY LOCATION OF UNDERGROUND PIPE LINES, CONDUITS, AND OTHER STRUCTURES BY CONTACTING OWNERS OF UNDERGROUND UTILITIES AND BY PROSPECTING IN ADVANCE OF EXCAVATION OPERATIONS.

THE CONTRACTOR SHALL MAINTAIN PROPER CLEARANCE FROM ALL OVERHEAD AND UNDERGROUND UTILITIES AND SHALL CONTACT EACH UTILITY FOR SPECIFIC REQUIREMENTS. THE CONTRACTOR SHALL NOT CHANGE THE LOCATION OF A LIGHTING UNIT WITHOUT THE CONSENT OF THE ENGINEER.

2. POWER SERVICE, AS PER PLAN.

THE POWER SUPPLYING AGENCY FOR THIS PROJECT IS:

POWER COMPANY: CINERGY CORPORATION
ADDRESS: 92 S. 4TH ST. BATAVIA, OHIO 45103
PHONE #: (513)287-5638
CONTACT NAME: MR. MIKE TISSANDIER

THE POWER SHALL BE AT THE LOCATION AND OF THE SIZE INDICATED ON THE PLANS.

ELECTRICAL ENERGY FOR EXISTING POWER SERVICES SHALL CONTINUE TO BE CHARGED TO THE MAINTAINING AGENCY. THE CONTRACTOR SHALL PAY ANY CHARGES MADE BY THE POWER COMPANY FOR THE COMPANY'S WORK IN THE ESTABLISHMENT OF THE NEW POWER SERVICE AND FOR THE ELECTRICAL ENERGY USED BY THE NEW POWER SERVICES ESTABLISHED BY THIS PROJECT FROM THE DATE OF ESTABLISHMENT UNTIL THE ACCEPTANCE OF THE LIGHTING. AFTER ACCEPTANCE OF THE LIGHTING, THE POWER SERVICE ELECTRICAL ENERGY ACCOUNT SHALL BE TRANSFERRED TO THE MAINTAINING AGENCY NOTED IN THE PLANS.

THIS SHALL INCLUDE NEW POWER SERVICE ESTABLISHED BY THIS PROJECT AS WELL AS REASSIGNMENT OF EXISTING SERVICE DUE TO WORK PERFORMED BY THIS PROJECT.

PAYMENT WILL BE MADE AT THE UNIT BID PRICE FOR EACH ITEM 625, 'POWER SERVICE, AS PER PLAN'.

3. HIGH MAST AND LOW MAST LUMINAIRES

THE HIGH MAST AND LOW MAST LUMINAIRES SHALL HAVE A SYMMETRICAL PHOTOMETRIC DISTRIBUTION AND SHALL HAVE A 480 VOLT BALLAST TO OPERATE A 400 WATT HIGH PRESSURE SODIUM LAMP. THESE LUMINAIRES SHALL BE MANUFACTURED BY GENERAL ELCTRIC (GE6312.IES), HOLOPHANE (36383.IES), OR COOPER (HMX4SDW.IES).

4. CONVENTIONAL LUMINAIRES

THE CONVENTIONAL LUMINAIRES SHALL HAVE AN IES TYPE II PHOTOMETRIC DISTRIBUTION AND SHALL HAVE A 480 VOLT BALLAST TO OPERATE A 200 WATT HIGH PRESSURE SODIUM LAMP. THESE LUMINAIRES SHALL BE MANUFACTURED BY GENERAL ELCTRIC (GE1014.IES), AMERICAN ELECTRIC (AE38491.IES), OR COOPER (OVD2S2F.IES).

5. LAMPS

SUPPLEMENTING 713.14 OF THE SPECIFICATIONS, HIGH PRESSURE SODIUM (HPS) LAMPS SHALL BE OF THE WATTAGE INDICATED IN THE PLANS AND SHALL BE GENERAL ELECTRIC 'LUCALOX', PHILLIPS 'CERMALUX', OSRAM SYLVANIA 'LUMALUX' OR EQUAL AS APPROVED BY THE ENGINEER.

6. GROUND MOUNTED PULL BOXES

GROUND MOUNTED PULL BOXES SHALL BE CONCRETE AND OF THE STANDARD SPECIFICATION 713.08

7. PADLOCK AND KEYS

THE ENCLOSURE SHALL BE FURNISHED WITH A LOCK. THE LOCK SHALL BE EITHER BRASS OR BRONZE EQUAL TO MASTER NO. 4 BKA OR WILSON BOHANNON 660A AND SHALL BE KEYED IN ACCORDANCE WITH THE SPECIFICATIONS.

8. HIGH MAST TOWER FOUNDATIONS

THE TOP OF THE HIGH MAST TOWER FOUNDATIONS SHALL BE SIX TO TWELVE INCHES ABOVE FINISHED GRADE MEASURED ON THE UP-SLOPE SIDE.

DESIGN AGENCY
HNTB 56 Prospect Avenue, Suite 800 Cleveland, Ohio 44115
ARCHITECTS ENGINEERS PLANNERS

REVIEWED DATE 06/06/01
STRUCTURE FILE NUMBER 1305697

DRAWN TGM
REVISED

DESIGNED JGS/SMS
CHECKED LEL

LIGHTING PLAN - IR 275
LIGHTING GENERAL NOTES
CLE-275-05.35

CLE-275-05.35

1/17

613/857

SSympson
06-JUN-2001
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SHEET NUMBER											FUNDING*		ITEM	ITEM EXT.	GRAND TOTAL	UNIT	DESCRIPTION	SEE SHEET NO.
7/17	8/17	9/17	10/17	11/17	12/17	13/17	14/17	15/17	16/17	17/17								
7	7	18	9			1		2	3				202	75300	47	EACH	PULL BOX REMOVED	
4	5	25	6	3	6	2		7	6	6			202	75400	70	EACH	LIGHT POLE REMOVED	
3	5	25	6	3	6	4	4	7	6	6			202	75500	75	EACH	LIGHT POLE FOUNDATION REMOVED	
				8	12								625	00500	20	EACH	CONNECTOR KIT TYPE II	
					2								625	10500	2	EACH	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B40	
					4								625	10500	4	EACH	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B50	
				1									625	10500	1	EACH	LIGHT POLE, MISC.: LOW MAST, DESIGN AT2BB60, AS PER PLAN	11
				3									625	10500	3	EACH	LIGHT POLE, MISC.: LOW MAST, DESIGN AT0B60	
							1						625	13200	1	EACH	LIGHT TOWER, BBBB100	
			2		1								625	13204	3	EACH	LIGHT TOWER, BBBB110	
		1			1								625	13208	2	EACH	LIGHT TOWER, BBBB120	
					1	1							625	13400	2	EACH	LIGHT TOWER, BBBBBB100	
2	1	2	1			2							625	13404	8	EACH	LIGHT TOWER, BBBBBB110	
	2	4											625	13406	6	EACH	LIGHT TOWER, BBBBBB120	
	1												625	13500	1	EACH	LIGHT TOWER, MISC.: LIGHT TOWER BBBBBBB100	
		1											625	13500	1	EACH	LIGHT TOWER, MISC.: LIGHT TOWER BBBBBBB120	
					2								625	14100	2	EACH	LIGHT POLE FOUNDATION, 24" X 8' DEEP	
				4	4								625	14200	8	EACH	LIGHT POLE FOUNDATION, 24" X 10' DEEP	
2	4	8	3		3	3	1						625	15400	24	EACH	LIGHT TOWER FOUNDATION, 42" X 25' DEEP	
	591												625	22990	591	LIN FT	NO. 6 AWG 600 VOLT DISTRIBUTION CABLE	
1383	1578	531	1391	663	957	195							625	23000	6899	LIN FT	NO. 4 AWG 600 VOLT DISTRIBUTION CABLE	
		246	1280										625	23100	1526	LIN FT	NO. 2 AWG 600 VOLT DISTRIBUTION CABLE	
				400	740								625	23400	1140	LIN FT	NO. 10 AWG POLE AND BRACKET CABLE	
	824	517				420							625	24400	1761	LIN FT	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 6 AWG 600V CABLES	
855	1881	2578	1641	716	1807	1214	222						625	24400	10914	LIN FT	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 4 AWG 600V CABLES	
		400	372										625	24400	772	LIN FT	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 2 AWG 600V CABLES	
	66	80	30	211		95							625	25400	482	LIN FT	CONDUIT, 2", 713.04	
67	85		293										625	25500	445	LIN FT	CONDUIT, 3", 713.04	
	66		33		67	90							625	25900	256	LIN FT	CONDUIT JACKED OR DRILLED, 2"	
99	361		35		141		57						625	25900	693	LIN FT	CONDUIT JACKED OR DRILLED, 3"	
		80	245										625	25920	325	LIN FT	CONDUIT, MISC.: GRS 2" ON STRUCTURE	
275													625	25920	275	LIN FT	CONDUIT, MISC.: GRS 3" ON STRUCTURE	
					6								625	26251	6	EACH	LUMINAIRE, CONVENTIONAL, STYLE B, TYPE II-M-SC, 200 WATT HPS, 480 VOLT, AS PER PLAN	1
12	25	47	14		14	18	4						625	26261	134	EACH	LUMINAIRE, HIGH MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN	1
				5									625	26271	5	EACH	LUMINAIRE, LOW MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN	1
					4								625	28001	4	EACH	GLARE SHIELD, AS PER PLAN	12
872	2726	3400	2226	877	1697	1259	212						625	29002	13269	LIN FT	TRENCH 24" DEEP	
4	12	11	10	2	5	4	2						625	30700	50	EACH	PULL BOX, 713.08, 18"	
2	5	8	4	4	9	3	1						625	32000	36	EACH	GROUND ROD	
	1		1										625	34001	2	EACH	POWER SERVICE, AS PER PLAN	1

*ALL LIGHTING ITEMS ARE FUNDED BY "INTERSTATE MAINTENANCE FUNDS".

DESIGN AGENCY
HNTB 55 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-1816
ARCHITECTS ENGINEERS PLANNERS

REVIEWED DATE 06/06/01
STRUCTURE FILE NUMBER 1305697
DRAWN TGM
REVISED
DESIGNED JGS/SMS
CHECKED LEL

LIGHTING PLAN - IR 275
GENERAL SUMMARY OF LIGHTING QUANTITIES
CLE-275-05.35

CLE-275-05.35

14-JUN-2001 SSympson
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LIGHTING QUANTITIES SUB-SUMMARY

625

LINE NUMBER	STATION	STATION	SIDE	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B40	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B50	LIGHT POLE, MISC.: LOW MAST, DESIGN AT0B60	LIGHT POLE, MISC.: LOW MAST, DESIGN AT2BB60, AS PER PLAN	LIGHT POLE FOUNDATION, 24" DIA. X 8' DEEP	LIGHT POLE FOUNDATION, 24" DIA. X 10' DEEP	LIGHT TOWER, BBBB100	LIGHT TOWER, BBBB110	LIGHT TOWER, BBBB120	LIGHT TOWER, BBBBBB100	LIGHT TOWER, BBBBBB110	LIGHT TOWER, BBBBBB120	LIGHT TOWER, MISC.: BBBBBBBB100	LIGHT TOWER, MISC.: BBBBBBBB120	LIGHT TOWER FOUNDATION, 42" DIA. X 25' DEEP	NO. 2 AWG 600V DISTRIBUTION CABLE	NO. 4 AWG 600V DISTRIBUTION CABLE	NO. 6 AWG 600V DISTRIBUTION CABLE	NO. 10 AWG POLE & BRACKET CABLE	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 2 AWG 600V CABLES	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 4 AWG 600V CABLES	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 6 AWG 600V CABLES	CONDUIT MISC.: GRS 2" ON STRUCTURE	CONDUIT, 2", 713.04	CONDUIT JACKED OR DRILLED, 2"	CONDUIT MISC.: GRS 3" ON STRUCTURE	LINE NUMBER
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	
1	SHEET 7 OF 17																														1
2	POLE 298+66	BOX 300+45												1				1						190							2
3	BOX 300+45	BOX 303+86																		1056										275	3
4	BOX 303+86	POLE 304+00												1				1						25							4
5	BOX 303+86	BOX 303+83																		327											5
6	BOX 303+83	SIGN B3-4																						28							6
7	BOX 303+86	BOX 306+81																						305							7
8	BOX 306+81	POLE 309+75																						307							8
9	TOTALS SHEET 7 OF 17													2				2		1383				855						275	9
10	SHEET 8 OF 17																														10
11	POLE 309+75	BOX 309+74														1		1		255											11
12	BOX 309+74	BOX 311+73																						209							12
13	BOX 311+73	BOX 313+72																						209							13
14	BOX 313+72	POLE 315+40																						175							14
15	POLE 315+40	BOX 315+65												1				1		267											15
16	LCC B 315+69	BOX 315+65																		225	135										16
17	BOX 315+65	BOX 315+75																		264											17
18	BOX 315+65	SIGN B2-1																							25						18
19	BOX 315+75	BOX 315+70																		567											19
20	BOX 315+70	BOX 317+50																						205							20
21	BOX 317+50	POLE 319+27																						205							21
22	POLE 319+27	BOX 321+29													1			1						201							22
23	POLE 319+27	BOX 321+51																						235							23
24	BOX 321+51	BOX 323+78																						236							24
25	BOX 321+29	BOX 123+10																						206							25
26	BOX 315+65	BOX 318+84R																							322						26
27	BOX 318+84R	BOX 321+84L																			126								32		27
28	BOX 321+84L	POLE 321+15																							260						28
29	POLE 321+15	BOX 321+68													1			1			330							66	34		29
30	BOX 321+68	BOX 323+96																							217						30
31	TOTALS SHEET 8 OF 17													1	2	1		4		1578	591			1881	824			66	66		31
32	SHEET 9 OF 17																														32
33	BOX 123+10	BOX 123+18																		141									37		33
34	BOX 123+18	POLE 125+92																						260							34
35	POLE 125+92	BOX 111+08													1			1						270							35
36	BOX 111+08	POLE 115+60															1	1						270							36
37	POLE 125+92	BOX 126+58																						77							37
38	BOX 126+58	SIGN B1-4																						25							38
39	BOX 126+58	SIGN B1-5																		390						80	40				39
40	POLE 330+09	BOX 332+77										1						1						241							40
41	BOX 332+77	POLE 335+10																						241							41
42	POLE 335+10	BOX 334+66													1			1						233							42
43	BOX 334+66	POLE 332+10																						233							43
44	BOX 323+96	POLE 313+25																							221						44
45	POLE 313+25	BOX 316+61													1			1							296						45
46	POLE 330+09	BOX 111+93																						214							46
47	POLE 329+90	SIGN A2-4												1				1						56							47
48	POLE 329+90	BOX 332+30																						229							48
49	BOX 332+30	POLE 335+60																						229							49
50	POLE 335+60	BOX 335+52												1				1	246								40	32			50
51	BOX 335+52	BOX 334+68																					195								51
52	BOX 334+68	POLE 336+60													1			1					205								52
53	TOTALS SHEET 9 OF 17										1			2	4		1	8	246	531			400	2578	517	80	80	69			53
54																															54
55	TOTAL THIS SUB-SUMMARY										1			5	6	1	1	14	246	3492	591		400	5314	1341	80	146	135	275		55

SSympson

06-JUN-2001

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DESIGN AGENCY
HNTB 85 Erieview Plaza, Suite 900 Cleveland, Ohio 44114-2315
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
LIGHTING QUANTITIES SUB-SUMMARY
CLE-275-05.35

CLE-275-05.35

3/17

615/857

LIGHTING QUANTITIES SUB-SUMMARY

LINE NUMBER	STATION	STATION	SIDE	CONDUIT, 3", 713.04	CONDUIT JACKED OR DRILLED, 3"	TRENCH, 24" DEEP	LUMINAIRE, CONVENTIONAL, STYLE B, TYPE 11-M-SC, 200 WATT HPS, 480 VOLT, AS PER PLAN	LUMINAIRE, HIGH MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN	LUMINAIRE, LOW MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN	GLARE SHIELD, AS PER PLAN	PULL BOX, 713.08, 18"	GROUND ROD	POWER SERVICE, AS PER PLAN	CONNECTOR KIT TYPE II, (FUSED)
				625										
				LIN FT	LIN FT	LIN FT	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
1	SHEET 7 OF 17													
2	POLE 298+66	BOX 300+45				180		6				1		
3	BOX 300+45	BOX 303+86		67		67					1			
4	BOX 303+86	POLE 304+00				15		6			1	1		
5	BOX 303+86	BOX 303+83			99									
6	BOX 303+83	SIGN B3-4				18					1			
7	BOX 303+86	BOX 306+81				295								
8	BOX 306+81	POLE 309+75				297					1			
9	TOTALS SHEET 7 OF 17			67	99	872		12			4	2		
10	SHEET 8 OF 17													
11	POLE 309+75	BOX 309+74			75			7				1		
12	BOX 309+74	BOX 311+73				199					1			
13	BOX 311+73	BOX 313+72				199					1			
14	BOX 313+72	POLE 315+40				165					1			
15	POLE 315+40	BOX 315+65		20	59	20		6				1		
16	LCC B 315+69	BOX 315+65		35		35						1	1	
17	BOX 315+65	BOX 315+75			78						1			
18	BOX 315+65	SIGN B2-1				15								
19	BOX 315+75	BOX 315+70		30	149	30					1			
20	BOX 315+70	BOX 317+50				195					1			
21	BOX 317+50	POLE 319+27				195					1			
22	POLE 319+27	BOX 321+29				191		6				1		
23	POLE 319+27	BOX 321+51				225								
24	BOX 321+51	BOX 323+78				226					1			
25	BOX 321+29	BOX 123+10				196					1			
26	BOX 315+65	BOX 318+84R				312								
27	BOX 318+84R	BOX 321+84L									1			
28	BOX 321+84L	POLE 321+15				250					1			
29	POLE 321+15	BOX 321+68				66		6				1		
30	BOX 321+68	BOX 323+96				207					1			
31	TOTALS SHEET 8 OF 17			85	361	2726		25			12	5	1	
32	SHEET 9 OF 17													
33	BOX 123+10	BOX 123+18									1			
34	BOX 123+18	POLE 125+92				250					1			
35	POLE 125+92	BOX 111+08				260		6				1		
36	BOX 111+08	POLE 115+60				260		7			1	1		
37	POLE 125+92	BOX 126+58				67								
38	BOX 126+58	SIGN B1-4				10					1			
39	BOX 126+58	SIGN B1-5				40								
40	POLE 330+09	BOX 332+77				231		4				1		
41	BOX 332+77	POLE 335+10				231					1			
42	POLE 335+10	BOX 334+66				223		6				1		
43	BOX 334+66	POLE 332+10				223					1			
44	BOX 323+96	POLE 313+25				211					1			
45	POLE 313+25	BOX 316+61				286		6				1		
46	POLE 330+09	BOX 111+93				204					1			
47	POLE 329+90	SIGN A2-4				46		6				1		
48	POLE 329+90	BOX 332+30				219								
49	BOX 332+30	POLE 335+60				219					1			
50	POLE 335+60	BOX 335+52				40		6				1		
51	BOX 335+52	BOX 334+68				185					1			
52	BOX 334+68	POLE 336+60				195		6			1	1		
53	TOTALS SHEET 9 OF 17					3400		47			11	8		
54														
55	TOTAL THIS SUB-SUMMARY			152	460	6998		84			28	15	1	

LIGHTING REMOVAL QUANTITIES SUB-SUMMARY

LINE NUMBER	LIGHT POLE REMOVED	LIGHT POLE FOUNDATION REMOVED	PULL BOX REMOVED
	202		
	EACH	EACH	EACH
1			
2			
3			
4			
5			
6			
7			
8			
9	4	3	7
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31	5	5	7
32			
33			
34			
35			
36			
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41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53	25	25	18
54			
55	34	33	32

DESIGN AGENCY
HNTB 55 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-1811
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
LIGHTING QUANTITIES SUB-SUMMARY
CLE-275-05.35

CLE-275-05.35

616/857

SSympson
06-JUN-2001
J:\31147\dwgs\LS002.dgn

LIGHTING QUANTITIES SUB-SUMMARY

625

LINE NUMBER	STATION	STATION	SIDE	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B40	LIGHT POLE, MISC.: CONVENTIONAL, DESIGN AT15B50	LIGHT POLE, MISC.: LOW MAST, DESIGN AT0B60	LIGHT POLE, MISC.: LOW MAST, DESIGN AT2BB60, AS PER PLAN	LIGHT POLE FOUNDATION, 24" DIA. X 8' DEEP	LIGHT POLE FOUNDATION, 24" DIA. X 10' DEEP	LIGHT TOWER, BBBB100	LIGHT TOWER, BBBB110	LIGHT TOWER, BBBB120	LIGHT TOWER, BBBBBB100	LIGHT TOWER, BBBBBB110	LIGHT TOWER, BBBBBB120	LIGHT TOWER, MISC.: BBBBBBBB100	LIGHT TOWER, MISC.: BBBBBBBB120	LIGHT TOWER FOUNDATION, 42" DIA. X 25' DEEP	NO. 2 AWG 600V DISTRIBUTION CABLE	NO. 4 AWG 600V DISTRIBUTION CABLE	NO. 6 AWG 600V DISTRIBUTION CABLE	NO. 10 AWG POLE & BRACKET CABLE	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 2 AWG 600V CABLES	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 4 AWG 600V CABLES	DUCT CABLE, MISC.: DUCT CABLE WITH THREE NO. 6 AWG 600V CABLES	CONDUIT MISC.: GRS 2" ON STRUCTURE	CONDUIT, 2", 713.04	CONDUIT JACKED OR DRILLED, 2"	CONDUIT MISC.: GRS 3" ON STRUCTURE	LINE NUMBER
				EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	LIN FT	
1	SHEET 10 of 17																													1
2	BOX 337+28	POLE 336+60																					134							2
3	BOX 337+28	BOX 337+33																	129									33		3
4	BOX 337+33	BOX 339+64																					238							4
5	BOX 339+64	LCC A 339+39																	440	176										5
6	BOX 339+80	BOX 339+64																	198	132										6
7	BOX 339+80	BOX 339+71 R																	342	228										7
8	BOX 339+71 R	BOX 339+71 L																	300											8
9	BOX 339+71 R	POLE 340+30																						74						9
10	POLE 340+30	BOX 343+31												1				1						313						10
11	BOX 343+31	SIGN A1-2																						78						11
12	BOX 343+31	POLE 345+44																						225						12
13	POLE 345+44	BOX 345+81									1							1						48						13
14	BOX 345+81	BOX 348+57																		855						245	30			14
15	BOX 348+57	POLE 350+48																						202						15
16	POLE 350+48	BOX 352+15									1							1						176						16
17	BOX 339+71 L	BOX 337+36																						278						17
18	BOX 337+36	POLE 335+10																						247						18
19	TOTALS SHEET 10 OF 17										2			1				3	1280	1391			372	1641		245	30	33		19
20	SHEET 11 OF 17																													20
21	BOX 352+15	POLE 354+24																						221						21
22	POLE 354+24	BOX 355+21					1		1													140		107						22
23	BOX 355+21	SIGN A1-6																						20						23
24	BOX 355+21	POLE 356+64																						153						24
25	POLE 356+64	POLE 358+70				1			1													130		215						25
26	POLE 358+70	POLE 360+80				2			1											663		130					211			26
27	TOTALS SHEET 11 OF 17					3	1		3											663		400		716			211			27
28	SHEET 12 OF 17																													28
29	POLE 324+00	BOX 323+78									1							1		273										29
30	SIGN A3-4	BOX 113+86																						20						30
31	BOX 113+86	BOX 111+93																						214						31
32	POLE 332+10	BOX 329+71										1						1						257						32
33	BOX 329+71	POLE 327+46																						257						33
34	POLE 327+46	BOX 325+25											1					1						253						34
35	BOX 325+25	POLE 324+80																		231								67		35
36	POLE 324+80	POLE 122+90R		1				1														110		165						36
37	POLE 122+90R	POLE 124+30R		1	1			1	1													240		155						37
38	BOX 325+25	BOX 335+19																		453										38
39	SIGN A3-9	BOX 335+19																						105						39
40	BOX 335+19	POLE 121+36L																						66						40
41	POLE 121+36L	POLE 122+90L			1				1													130		165						41
42	POLE 122+90L	POLE 124+30L			2				2													260		150						42
43	TOTALS SHEET 12 OF 17			2	4			2	4		1	1	1					3		957		740		1807				67		43
44	SHEET 13 OF 17																													44
45	POLE 325+40	BOX 316+61											1					1							420		95	35		45
46	POLE 95+56	BOX 93+01 R												1				1						260						46
47	POLE 95+56	BOX 325+02																						219						47
48	BOX 325+02	POLE 327+10																						219						48
49	POLE 327+10	BOX 338+80												1				1						257						49
50	BOX 338+80	BOX 338+37																		195								55		50
51	BOX 338+37	POLE 335+60																						259						51
52	TOTALS SHEET 13 OF 17												1	2				3		195				1214	420		95	90		52
53	SHEET 14 OF 17																													53
54	BOX 93+01 R	BOX 93+01 L																		201										54
55	BOX 93+01 L	POLE 90+90							1									1						222						55
56	TOTALS SHEET 14 OF 17								1									1		201				222						56
57	TOTALS SHEET 15 OF 17																													57
58	TOTALS SHEET 16 OF 17																													58
59	TOTALS SHEET 17 OF 17																													59
60																														60
61																														61
62	TOTAL THIS SUB-SUMMARY			2	4	3	1	2	7	1	3	1	2	3				10	1280	3407		1140	372	5600	420	245	336	190		62

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06-JUN-2001

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DESIGN AGENCY
HNTB 26 Corporate Ring, Suite 200 Orlando, FL 32826
ARCHITECTS ENGINEERS PLANNERS

DATE 06/06/01
REVIEWED
STRUCTURE FILE NUMBER 130569 7
DRAWN TGM
REVISED
DESIGNED JGS/SMS
CHECKED LEL

LIGHTING PLAN - IR 275
LIGHTING QUANTITIES SUB-SUMMARY
CLE-275-05.35

CLE-275-05.35

LIGHTING QUANTITIES SUB-SUMMARY

LIGHTING REMOVAL QUANTITIES SUB-SUMMARY

LINE NUMBER	STATION	STATION	SIDE	625 CONDUIT, 3", 713.04 (LIN FT)	CONDUIT JACKED OR DRILLED, 3" (LIN FT)	TRENCH, 24" DEEP (LIN FT)	LUMINAIRE, CONVENTIONAL, STYLE B, TYPE II-M-SC, 200 WATT HPS, 480 VOLT, AS PER PLAN (EACH)	LUMINAIRE, HIGH MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN (EACH)	LUMINAIRE, LOW MAST, SYMMETRIC, 400W HPS, 480 VOLT, AS PER PLAN (EACH)	GLARE SHIELD, AS PER PLAN (EACH)	PULL BOX, 713.08, 18" (EACH)	GROUND ROD (EACH)	POWER SERVICE, AS PER PLAN (EACH)	CONNECTOR KIT TYPE II, (FUSED) (EACH)	202 LIGHT POLE REMOVED (EACH)	LIGHT POLE FOUNDATION REMOVED (EACH)	PULL BOX REMOVED (EACH)	LINE NUMBER
1	SHEET 10 of	17																1
2	BOX 337+28	POLE 336+60				124					1							2
3	BOX 337+28	BOX 337+33																3
4	BOX 337+33	BOX 339+64				228					1							4
5	BOX 339+64	LCC A 339+39		78		78					1	1	1					5
6	BOX 339+80	BOX 339+64		21	35	21					1							6
7	BOX 339+80	BOX 339+71 R		104		104												7
8	BOX 339+71 R	BOX 339+71 L		90		90					1							8
9	BOX 339+71 R	POLE 340+30				64												9
10	POLE 340+30	BOX 343+31				303		6				1						10
11	BOX 343+31	SIGN A1-2				68					1							11
12	BOX 343+31	POLE 345+44				215												12
13	POLE 345+44	BOX 345+81				38		4				1						13
14	BOX 345+81	BOX 348+57				30					1							14
15	BOX 348+57	POLE 350+48				192					1							15
16	POLE 350+48	BOX 352+15				166		4				1						16
17	BOX 339+71 L	BOX 337+36				268					1							17
18	BOX 337+36	POLE 335+10				237					1							18
19	TOTALS SHEET	10 OF 17		293	35	2226		14			10	4	1		6	6	9	19
20	SHEET 11 OF	17																20
21	BOX 352+15	POLE 354+24				211					1							21
22	POLE 354+24	BOX 355+21				97			2			1		2				22
23	BOX 355+21	SIGN A1-6				10					1							23
24	BOX 355+21	POLE 356+64				143												24
25	POLE 356+64	POLE 358+70				205			1			1		2				25
26	POLE 358+70	POLE 360+80				211			2			2		4				26
27	TOTALS SHEET	11 OF 17				877			5		2	4		8	3	3		27
28	SHEET 12 OF	17																28
29	POLE 324+00	BOX 323+78						4		4	1	1						29
30	SIGN A3-4	BOX 113+86				10												30
31	BOX 113+86	BOX 111+93				204					1							31
32	POLE 332+10	BOX 329+71				247		4				1						32
33	BOX 329+71	POLE 327+46				247					1							33
34	POLE 327+46	BOX 325+25				243		6				1						34
35	BOX 325+25	POLE 324+80									1							35
36	POLE 324+80	POLE 122+90R				155	1					1		2				36
37	POLE 122+90R	POLE 124+30R				145	2					2		4				37
38	BOX 325+25	BOX 335+19			141													38
39	SIGN A3-9	BOX 335+19				95												39
40	BOX 335+19	POLE 121+36L				56					1							40
41	POLE 121+36L	POLE 122+90L				155	1					1		2				41
42	POLE 122+90L	POLE 124+30L				140	2					2		4				42
43	TOTALS SHEET	12 OF 17			141	1697	6	14		4	5	9		12	6	6		43
44	SHEET 13 OF	17																44
45	POLE 325+40	BOX 316+61				95		6			1	1						45
46	POLE 95+56	BOX 93+01 R				250		6				1						46
47	POLE 95+56	BOX 325+02				209												47
48	BOX 325+02	POLE 327+10				209					1							48
49	POLE 327+10	BOX 338+80				247		6				1						49
50	BOX 338+80	BOX 338+37									1							50
51	BOX 338+37	POLE 335+60				249					1							51
52	TOTALS SHEET	13 OF 17				1259		18			4	3			2	4	1	52
53	SHEET 14 OF	17																53
54	BOX 93+01 R	BOX 93+01 R2			57						1							54
55	BOX 93+01 R2	POLE 90+90				212		4			1	1						55
56	TOTALS SHEET	14 OF 17			57	212		4			2	1				4		56
57	TOTALS SHEET	15 OF 17													7	7	2	57
58	TOTALS SHEET	16 OF 17													6	6	3	58
59	TOTALS SHEET	17 OF 17													6	6		59
60																		60
61																		61
62	TOTAL THIS SUB-SUMMARY			293	233	6271	6	50	5	4	23	21	1	20	36	42	15	62

DESIGN AGENCY
HNTB 55 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-1811
ARCHITECTS ENGINEERS PLANNERS

DATE	REVIEWED
06/06/01	
STRUCTURE FILE NUMBER	
1305697	
DRAWN TGM	REVISED
DESIGNED JGS/SMS	CHECKED LEL

LIGHTING PLAN - IR 275
LIGHTING QUANTITIES SUB-SUMMARY
CLE-275-05.35

CLE-275-05.35

6/17

618/857

SSympson
06-JUN-2001
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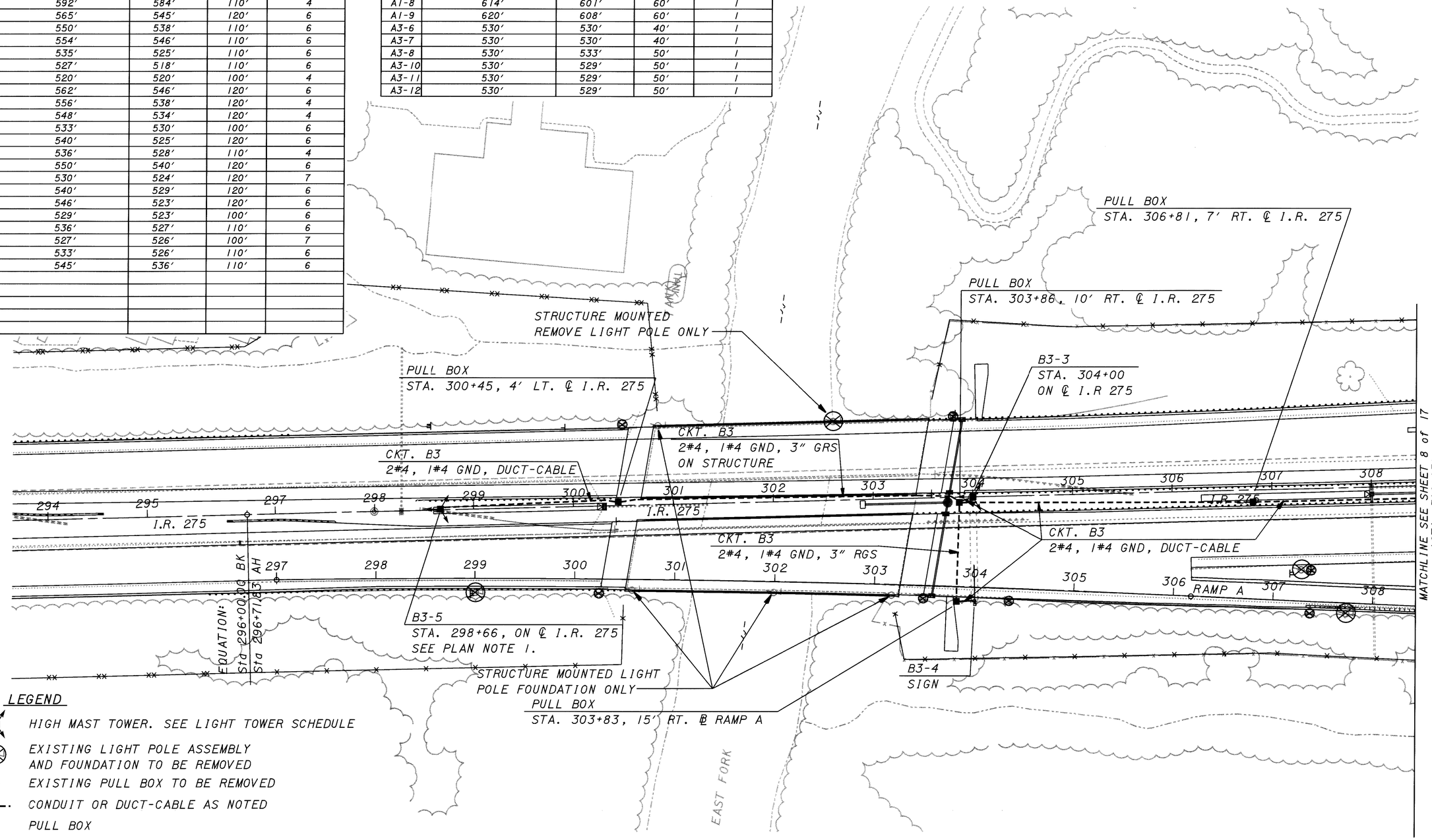
LIGHT TOWER SCHEDULE

POLE I.D.	ROADWAY ELEVATION WITHIN 300'	POLE ELEVATION	POLE HEIGHT	NUMBER OF LUMINAIRES
A1-1	573'	563'	110'	6
A1-3	583'	575'	110'	4
A1-4	592'	584'	110'	4
A2-1	565'	545'	120'	6
A2-2	550'	538'	110'	6
A2-3	554'	546'	110'	6
A2-5	535'	525'	110'	6
A2-6	527'	518'	110'	6
A2-7	520'	520'	100'	4
A3-1	562'	546'	120'	6
A3-2	556'	538'	120'	4
A3-3	548'	534'	120'	4
A3-5	533'	530'	100'	6
B1-1	540'	525'	120'	6
B1-2	536'	528'	110'	4
B1-3	550'	540'	120'	6
B1-6	530'	524'	120'	7
B2-2	540'	529'	120'	6
B2-3	546'	523'	120'	6
B2-4	529'	523'	100'	6
B3-1	536'	527'	110'	6
B3-2	527'	526'	100'	7
B3-3	533'	526'	110'	6
B3-5	545'	536'	110'	6

LIGHT POLE SCHEDULE

POLE I.D.	ROADWAY ELEVATION	POLE ELEVATION	POLE HEIGHT	NUMBER OF LUMINAIRES
A1-5	601'	590'	60'	2
A1-7	608'	595'	60'	1
A1-8	614'	601'	60'	1
A1-9	620'	608'	60'	1
A3-6	530'	530'	40'	1
A3-7	530'	530'	40'	1
A3-8	530'	533'	50'	1
A3-10	530'	529'	50'	1
A3-11	530'	529'	50'	1
A3-12	530'	529'	50'	1



LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15' BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.

PLAN NOTES

1. PROVIDE EMPTY 2" CONDUIT ELL FOR FUTURE EXPANSION TO THE NORTH.

N

50' 0 50' 100'
SCALE IN FEET

DESIGN AGENCY
HNTB 55 Erieview Plaza, Suite 900 Cleveland, Ohio 44114-1836
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 293+70 TO STA. 308+36
CLE-275-05.35

CLE-275-05.35

7/17

619/857

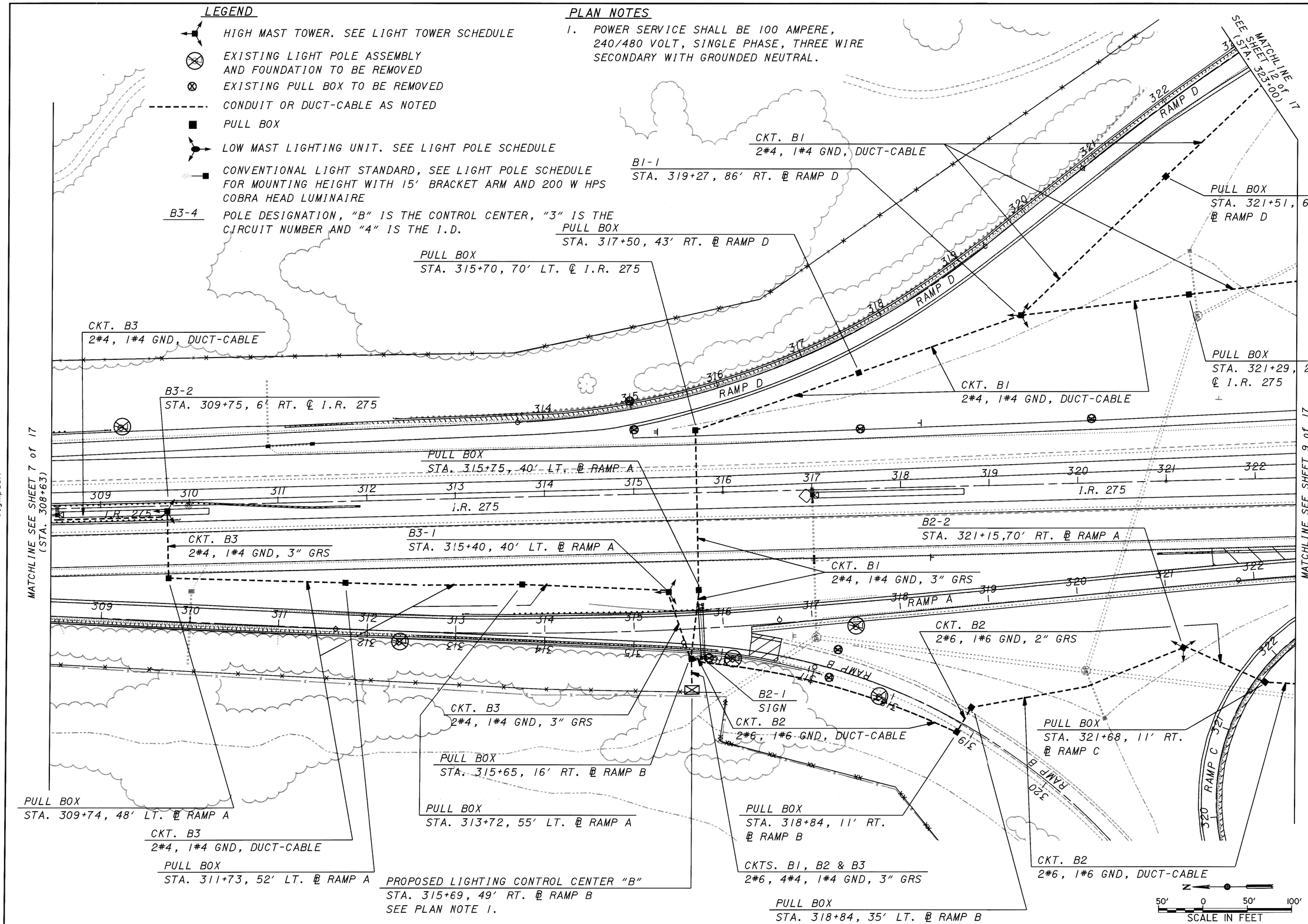
SSympson 06-JUN-2001 J:\3ll47\dwgs\LP001.dgn

LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15′ BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.

PLAN NOTES

1. POWER SERVICE SHALL BE 100 AMPERE, 240/480 VOLT, SINGLE PHASE, THREE WIRE SECONDARY WITH GROUNDED NEUTRAL.



DESIGN AGENCY
HNTB
55 Erieview Plaza, Suite 500
Cleveland, Ohio 44114
ARCHITECTS ENGINEERS PLANNERS

DATE	REVIEWED	STRUCTURE FILE NUMBER
06/06/01		1305697

DRAWN	REVISED
TGM	

DESIGNED	CHECKED
JGS/SMS	LEL

LIGHTING PLAN - IR 275
STA. 308+63 TO STA. 322+38
CLE-275-05.35

CLE-275-05.35

8 / 17

620
857

06-JUN-2001 SSympson

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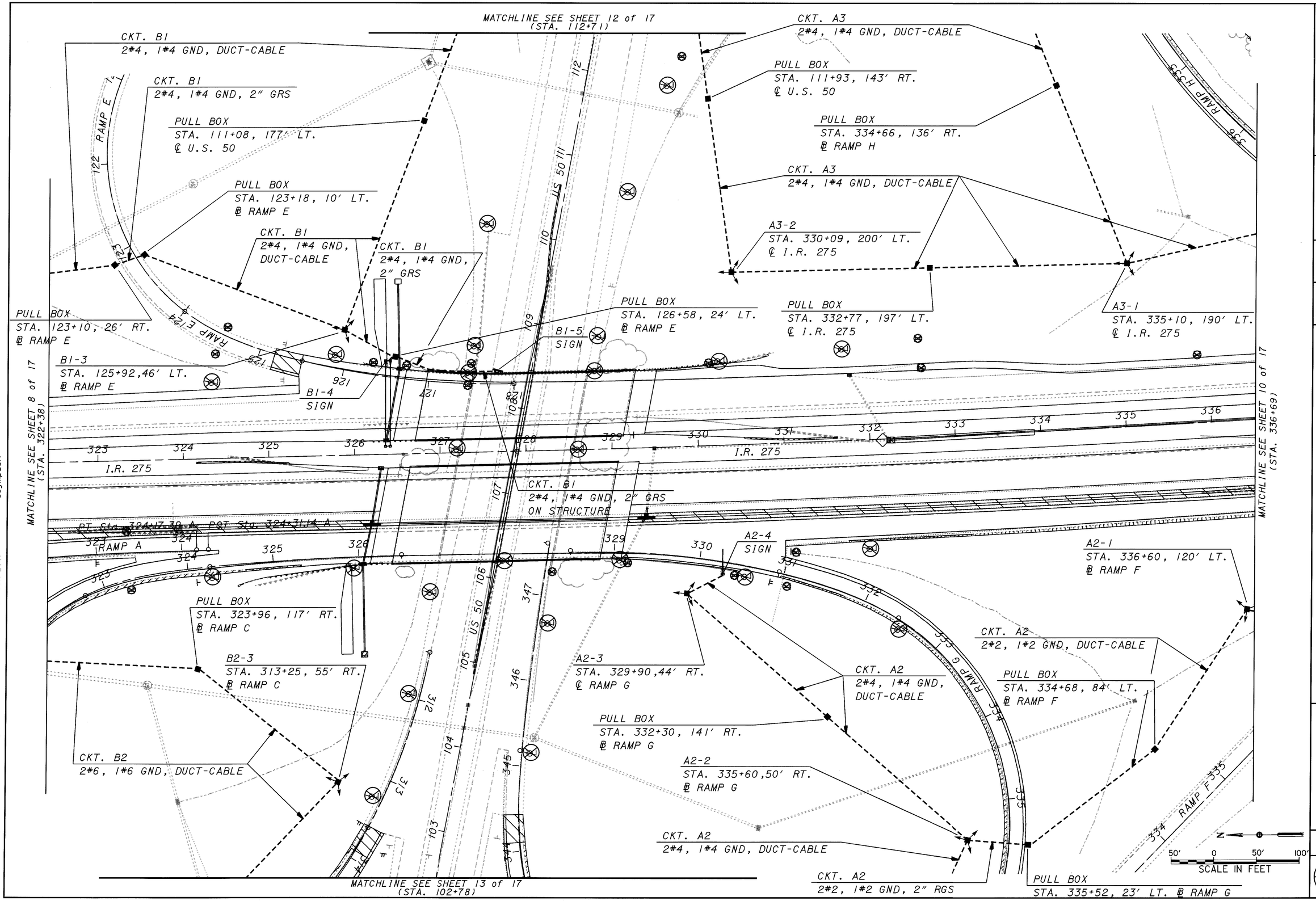

DESIGN AGENCY
HNTB 55 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-1811
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	T6M		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 322+38 TO STA. 336+69
CLE-275-05.35

CLE-275-05.35

9 / 17

621 / 857

06-JUN-2001 SSympson

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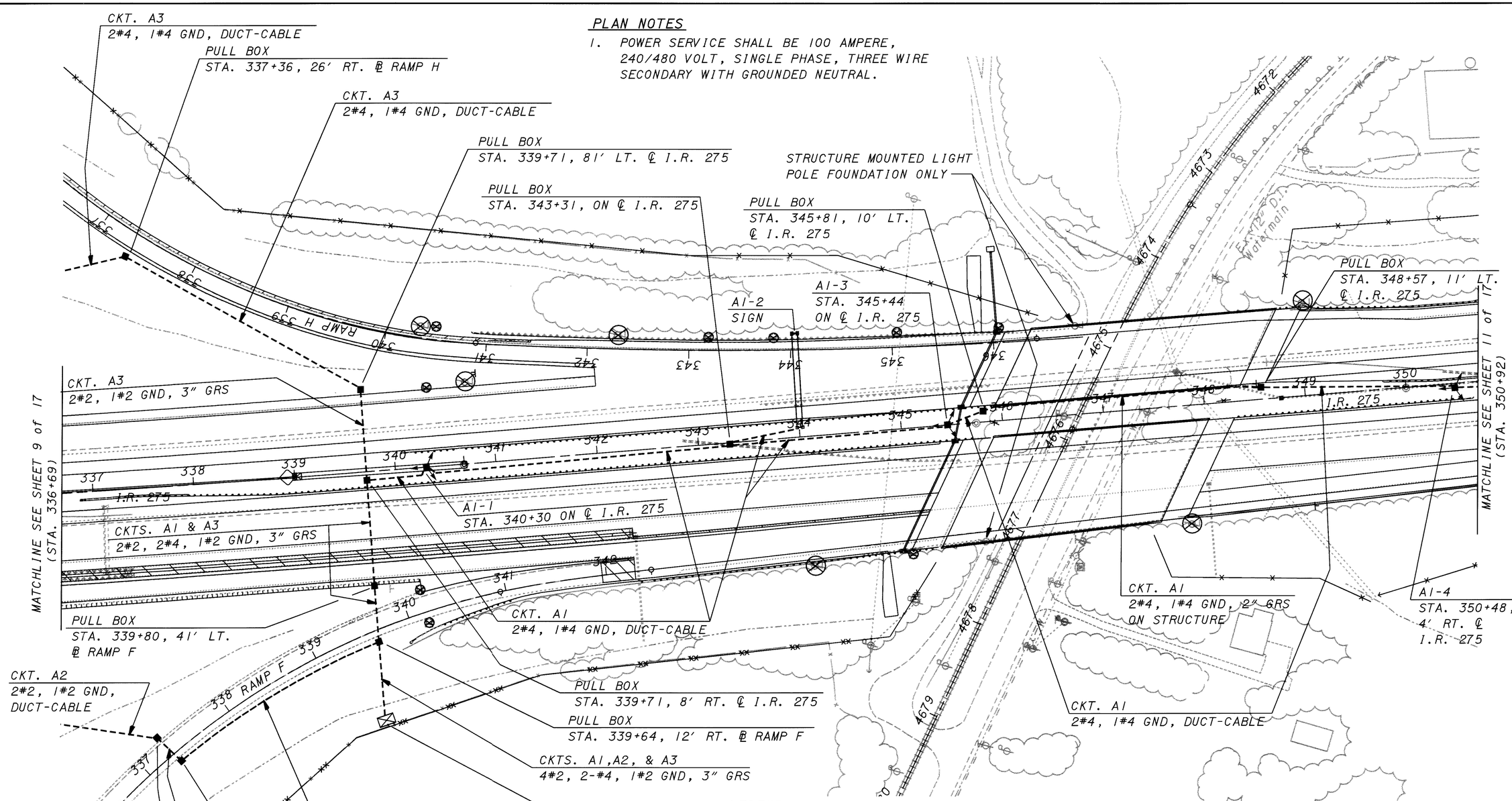
PLAN NOTES

1. POWER SERVICE SHALL BE 100 AMPERE, 240/480 VOLT, SINGLE PHASE, THREE WIRE SECONDARY WITH GROUNDED NEUTRAL.



DESIGN AGENCY
HNTB
55 Erieview Plaza, Suite 500
Cleveland, Ohio 44114-1838
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 336+69 TO STA. 350+92
CLE-275-05.35

CLE-275-05.35

10/17

622/857

SSympson
06-JUN-2001
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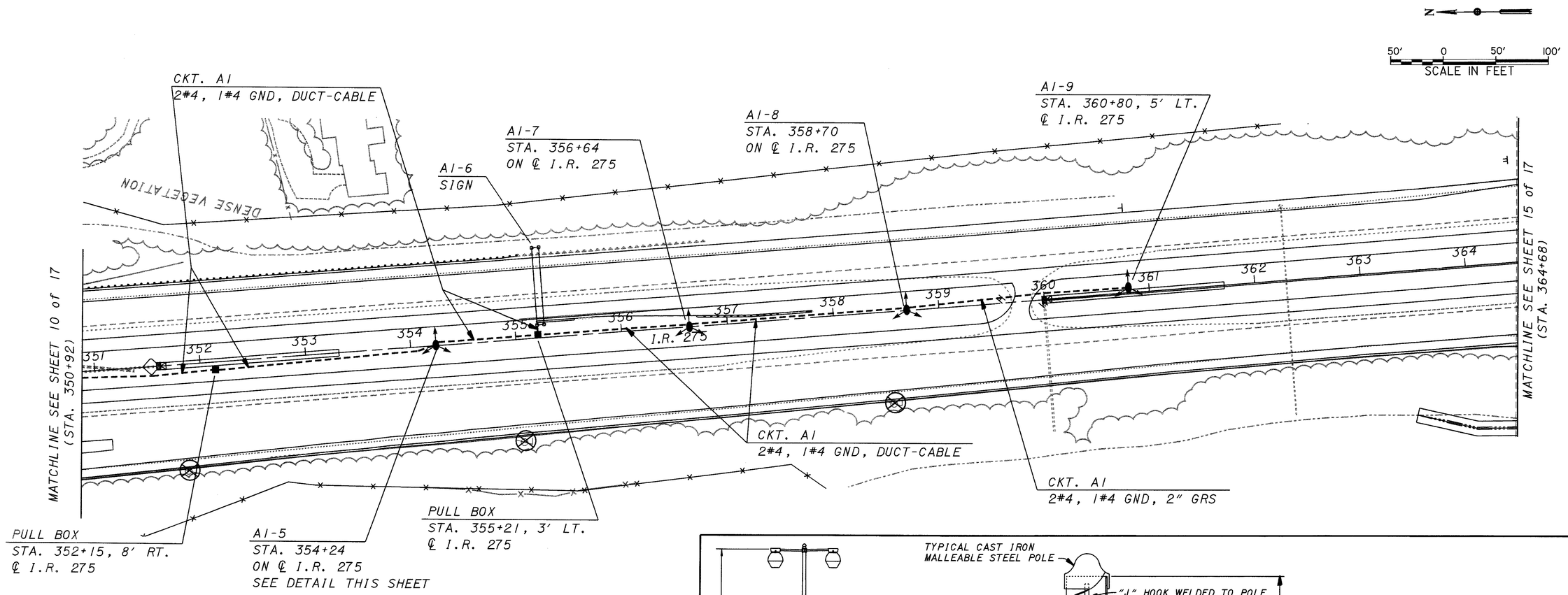
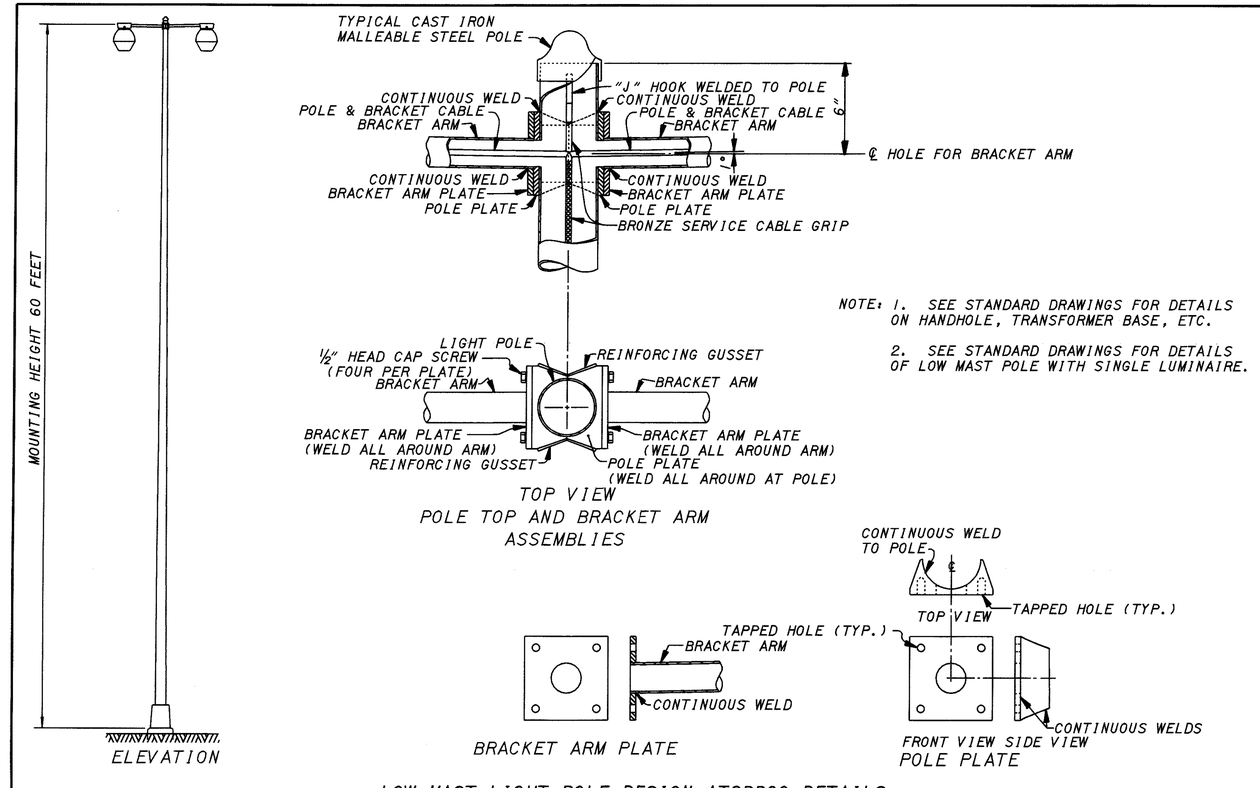


LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15' BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.



LOW MAST LIGHT POLE DESIGN AT2BB60 DETAILS

DESIGN AGENCY
HNTB 85 Enterprise, Aliso Viejo, CA 92656-2600
Corporate Office: 715 S. Flower, Los Angeles, CA 90017
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 350+92 TO STA. 364+68
CLE-275-05.35

CLE-275-05.35

11/17

623/857

SSympson 14-JUN-2001 J:\3147\dwgs\LP005.dgn

EXISTING LIGHT STANDARD ICH8 TO REMAIN IN PLACE. DISCONNECT AND REMOVE THE EXISTING CABLES FEEDING THE LIGHTS TO THE EAST THAT ARE TO BE REMOVED. CLOSE CIRCUIT SUCH THAT THIS LIGHT IS THE END OF CIRCUIT #ICH.

EXISTING CIRCUIT CABLES (U.I.P.)

EXISTING CIRCUIT CABLES TO BE ABANDONED.

A3-10
STA. 121+36, 74' LT.
℄ U.S. 50

PULL BOX
STA. 335+19, 19' LT.
℄ RAMP D

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

A3-12
STA. 124+30, 74' LT.
℄ U.S. 50
SEE PLAN NOTE 2.

A3-8
STA. 124+30, 77' RT.
℄ U.S. 50
SEE PLAN NOTE 2.

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

A3-11
STA. 122+90, 74' LT.
℄ U.S. 50

A3-7
STA. 122+90, 77' RT.
℄ U.S. 50

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

MATCHLINE SEE THIS SHEET
(STA. 122+11)

MATCHLINE SEE THIS SHEET
(STA. 122+11)

A3-9
SIGN

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

A3-6
STA. 324+80, 17' LT.
℄ RAMP H

CKT. A3
2#4, 1#4 GND, 2" PVC

PULL BOX
STA. 325+25, 32' RT. ℄ RAMP H

CKT. A3
2#4, 1#4 GND, 3" GRS

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

A3-5
STA. 327+46, 92' RT.
℄ RAMP H

B1-6
STA. 115+60, 60' LT.
℄ RAMP E

PULL BOX
STA. 329+71, 70' RT.
℄ RAMP H

CKT. A3
2#4, 1#4 GND,
DUCT-CABLE

B1-2
STA. 324+00, 40' LT.
℄ RAMP D
SEE PLAN NOTE 1.

A3-3
STA. 332+10, 85' RT.
℄ RAMP H

A3-4
SIGN

CKT. A3
2#4, 1#4 GND, DUCT-CABLE

PULL BOX
STA. 113+86, 78' RT.
℄ U.S. 50

CKT. B1
2#4, 1#4 GND,
DUCT-CABLE

CKT. B1
2#4, 1#4 GND,
2" GRS

PULL BOX
STA. 323+78, 32' RT.
℄ RAMP D

MATCHLINE SEE SHEET 8 of 17
(STA. 323+00)

MATCHLINE SEE SHEET 9 of 17
(STA. 112+71)

SCALE IN FEET: 50' 0 50' 100'

LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15' BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.

PLAN NOTES

1. LUMINAIRES ON THIS TOWER SHALL BE EQUIPPED WITH 120 DEGREE SHIELDS. INSTALL SHIELDS ON THE ROW SIDE OF THE LUMINAIRES.
2. PROVIDE EMPTY 2" CONDUIT ELL FOR FUTURE EXPANSION TO THE EAST.

DESIGN AGENCY
HNTB 85 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-2036
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 112+71 TO STA. 125+00
CLE-275-05.35

CLE-275-05.35

12/17

624/857

06-JUN-2001 SSympson

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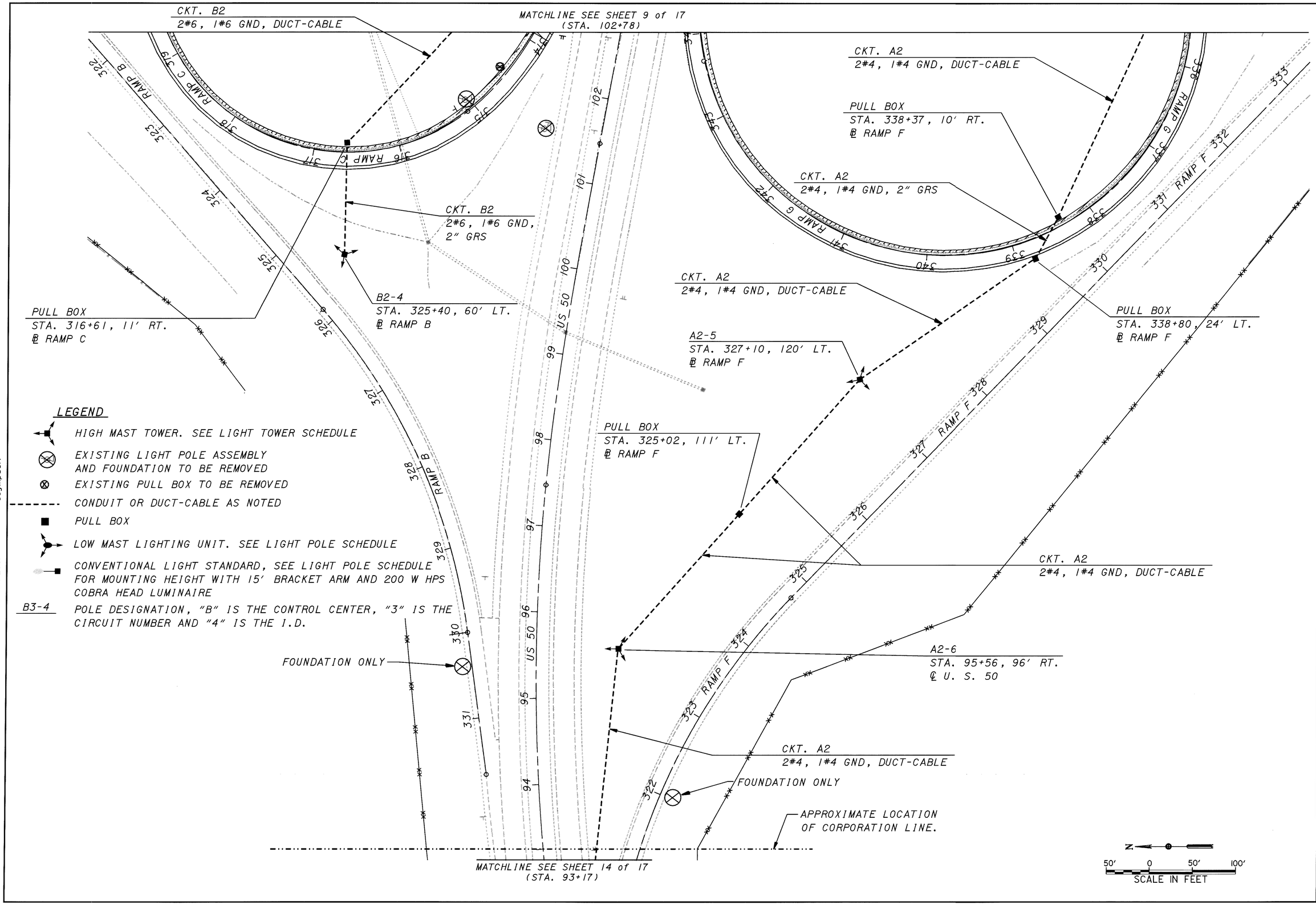


DESIGN AGENCY
HNTB
85 Erieview Plaza, Suite 500
Cleveland, Ohio 44114-1816
ARCHITECTS ENGINEERS PLANNERS

DATE	REVIEWED	DRAWN	DESIGNED
06/06/01		TGM	JGS/SMS
STRUCTURE FILE NUMBER	REVISED	REVISED	CHECKED
1305697			LEL

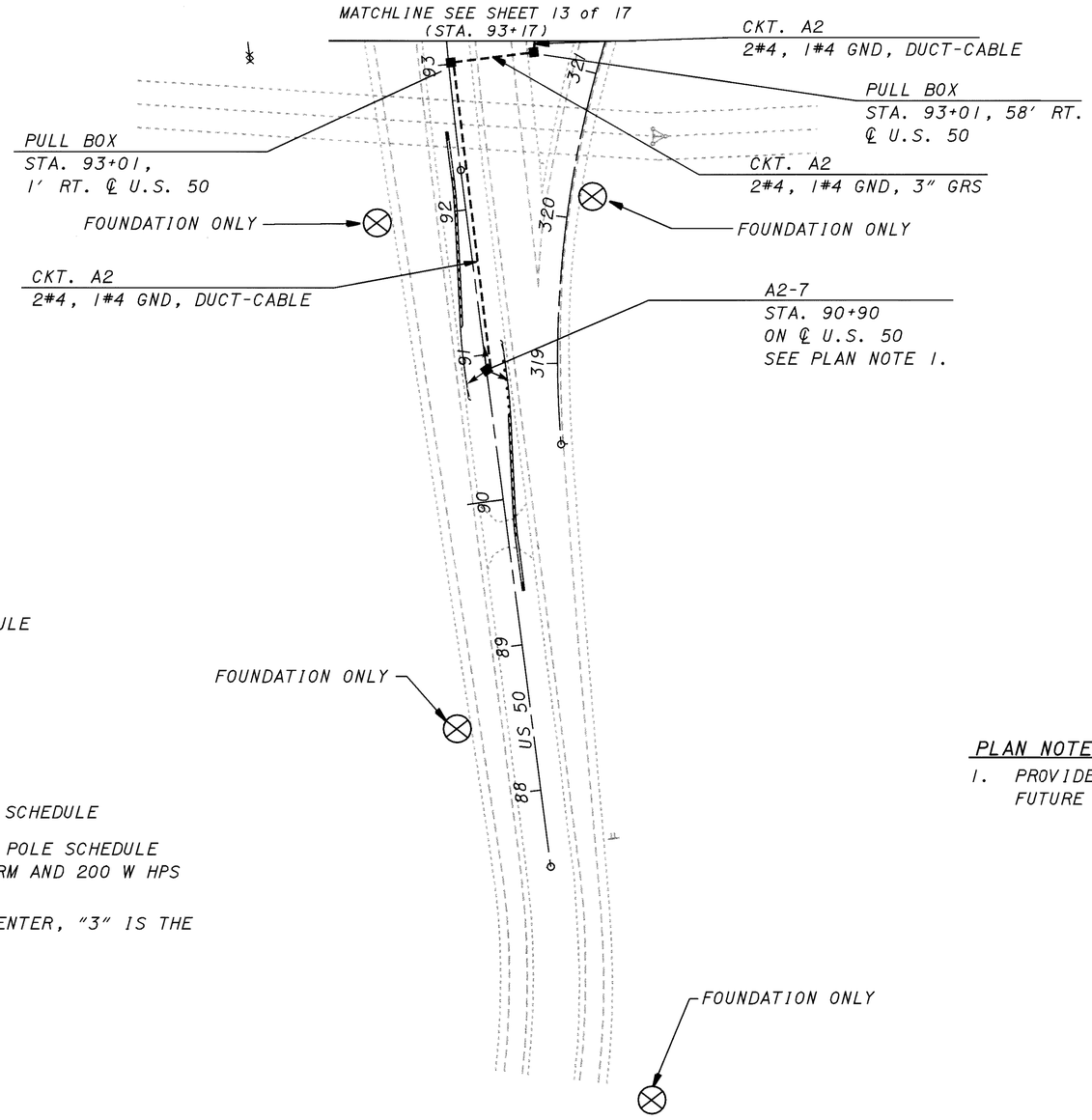
LIGHTING PLAN - IR 275
STA. 93+17 TO STA. 102+78
CLE-275-05.35

CLE-275-05.35

13/17

625/857

SSympson
06-JUN-2001
J:\3ll47\dwgs\LP007.dgn



LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15' BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.

PLAN NOTES

1. PROVIDE EMPTY 2" CONDUIT ELL FOR FUTURE EXPANSION TO THE WEST.

N

50' 0 50' 100'
SCALE IN FEET

DESIGN AGENCY
HNTB Corporation Rotunda Building, Suite 800 Columbus, Ohio 43215
ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	TGM		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 84+41 TO STA. 93+17
CLE-275-05.35

CLE-275-05.35

14/17

626/857

SSympson
06-JUN-2001
J:\31147\dwgs\LP008.dgn

LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
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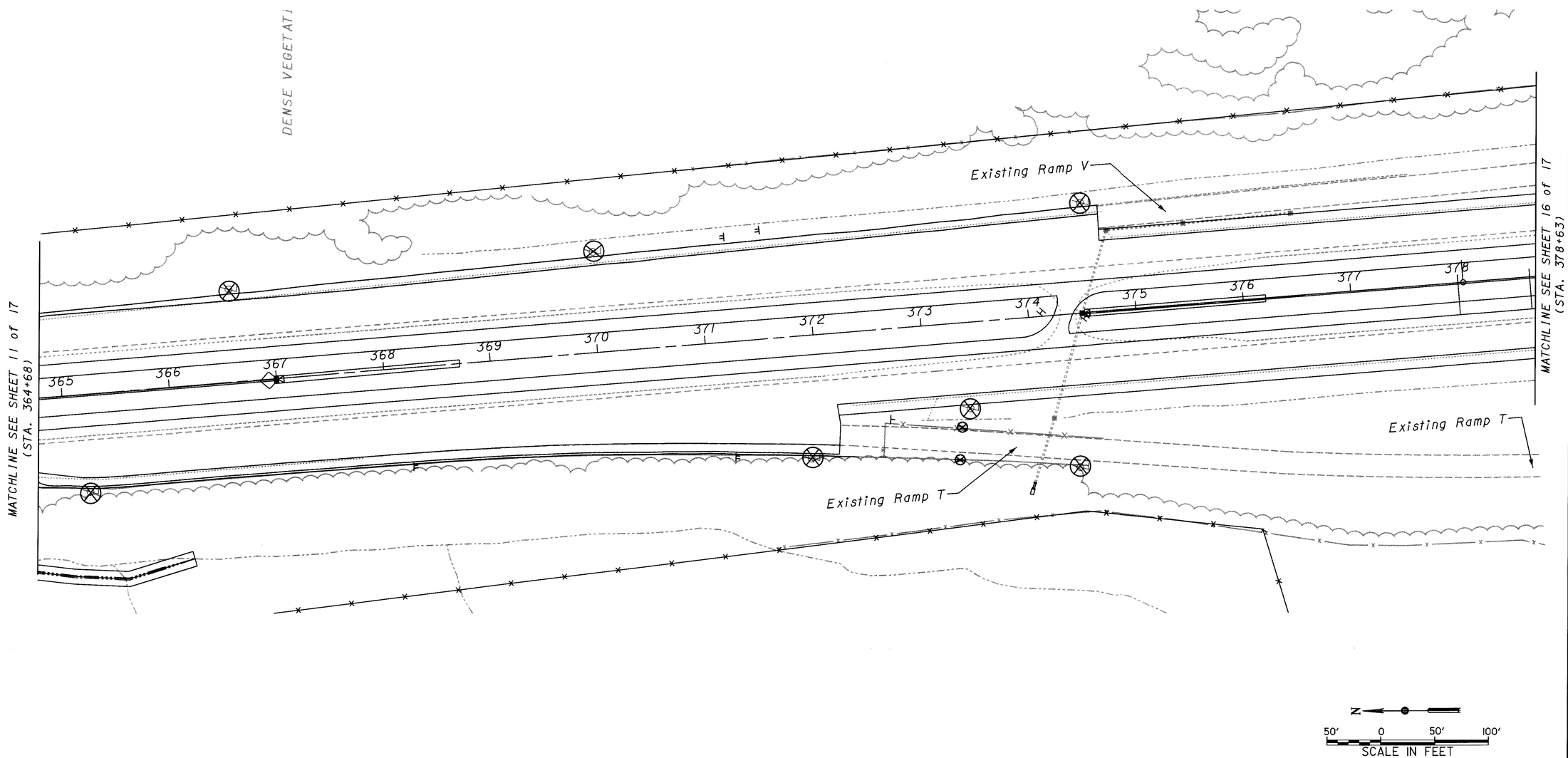


DESIGN AGENCY
HNTB 85 Erieview Plaza, Suite 500 Cleveland, Ohio 44114-2001
ARCHITECTS ENGINEERS PLANNERS

REVIEWED	DATE
	06/06/01
STRUCTURE FILE NUMBER	
1305697	

DESIGNED	DRAWN	REVISED
JGS/SMS	TGM	
CHECKED		
LEL		

LIGHTING PLAN - IR 275
STA. 364+68 TO STA. 378+63
CLE-275-05.35

CLE-275-05.35

15/17

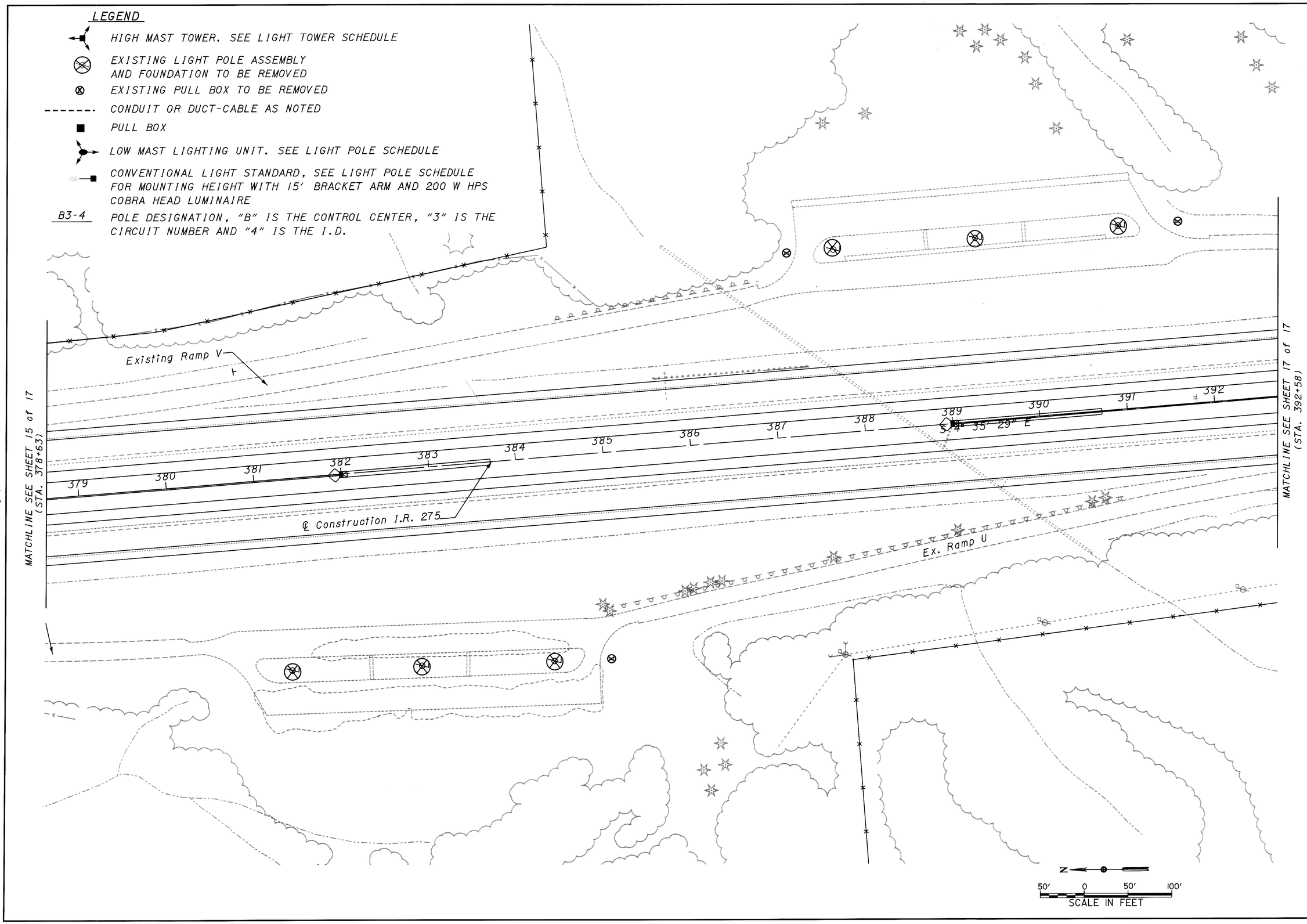
627/857

06-JUN-2001 SSympson

j:\3147\dwgs\LP009.dgn

LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
- EXISTING PULL BOX TO BE REMOVED
- CONDUIT OR DUCT-CABLE AS NOTED
- PULL BOX
- LOW MAST LIGHTING UNIT. SEE LIGHT POLE SCHEDULE
- CONVENTIONAL LIGHT STANDARD, SEE LIGHT POLE SCHEDULE FOR MOUNTING HEIGHT WITH 15' BRACKET ARM AND 200 W HPS COBRA HEAD LUMINAIRE
- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.



DESIGN AGENCY
HNTB 35 Erieview Plaza, Suite 500 Cleveland, OH 44114-1814
ARCHITECTS ENGINEERS PLANNERS

REVIEWED	DATE 06/06/01
STRUCTURE FILE NUMBER	1305697
DRAWN TGM	REVISED
DESIGNED JGS/SMS	CHECKED LEL

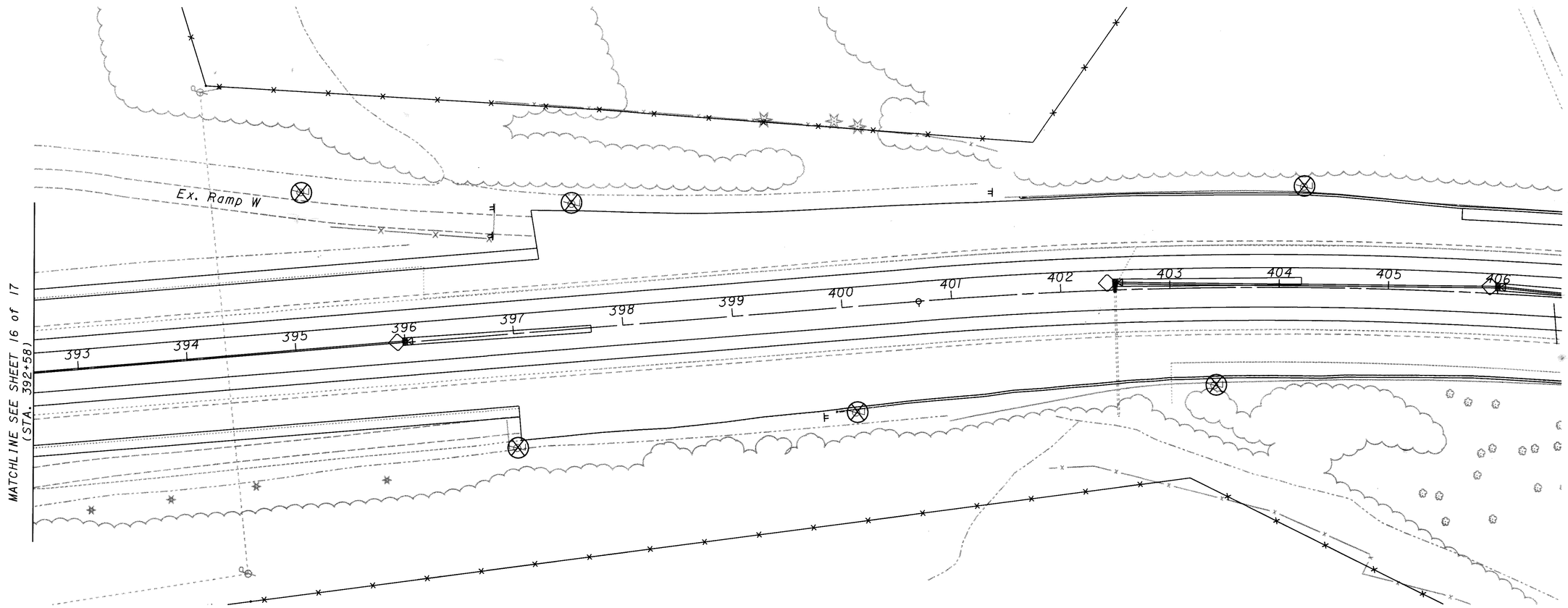
LIGHTING PLAN - IR 275
STA. 378+63 TO STA. 392+58
CLE-275-05.35

CLE-275-05.35

16/17

628/857

SSympson 06-JUN-2001 J:\3ll47\dwgs\LP010.dgn



LEGEND

- HIGH MAST TOWER. SEE LIGHT TOWER SCHEDULE
- EXISTING LIGHT POLE ASSEMBLY AND FOUNDATION TO BE REMOVED
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- B3-4 POLE DESIGNATION, "B" IS THE CONTROL CENTER, "3" IS THE CIRCUIT NUMBER AND "4" IS THE I.D.

N

50′ 0 50′ 100′

SCALE IN FEET

DESIGN AGENCY

HNTB 55 Erieview Plaza, Suite 900 Cleveland, Ohio 44114

ARCHITECTS ENGINEERS PLANNERS

DESIGNED	DRAWN	REVIEWED	DATE
JGS/SMS	T6M		06/06/01
CHECKED	REVISED	STRUCTURE FILE NUMBER	
LEL		1305697	

LIGHTING PLAN - IR 275
STA. 392+58 TO STA. 406+50
CLE-275-05.35

CLE-275-05.35

17/17

629/857

SSympson 06-JUN-2001 J:\3147\dwgs\LP01l.dgn