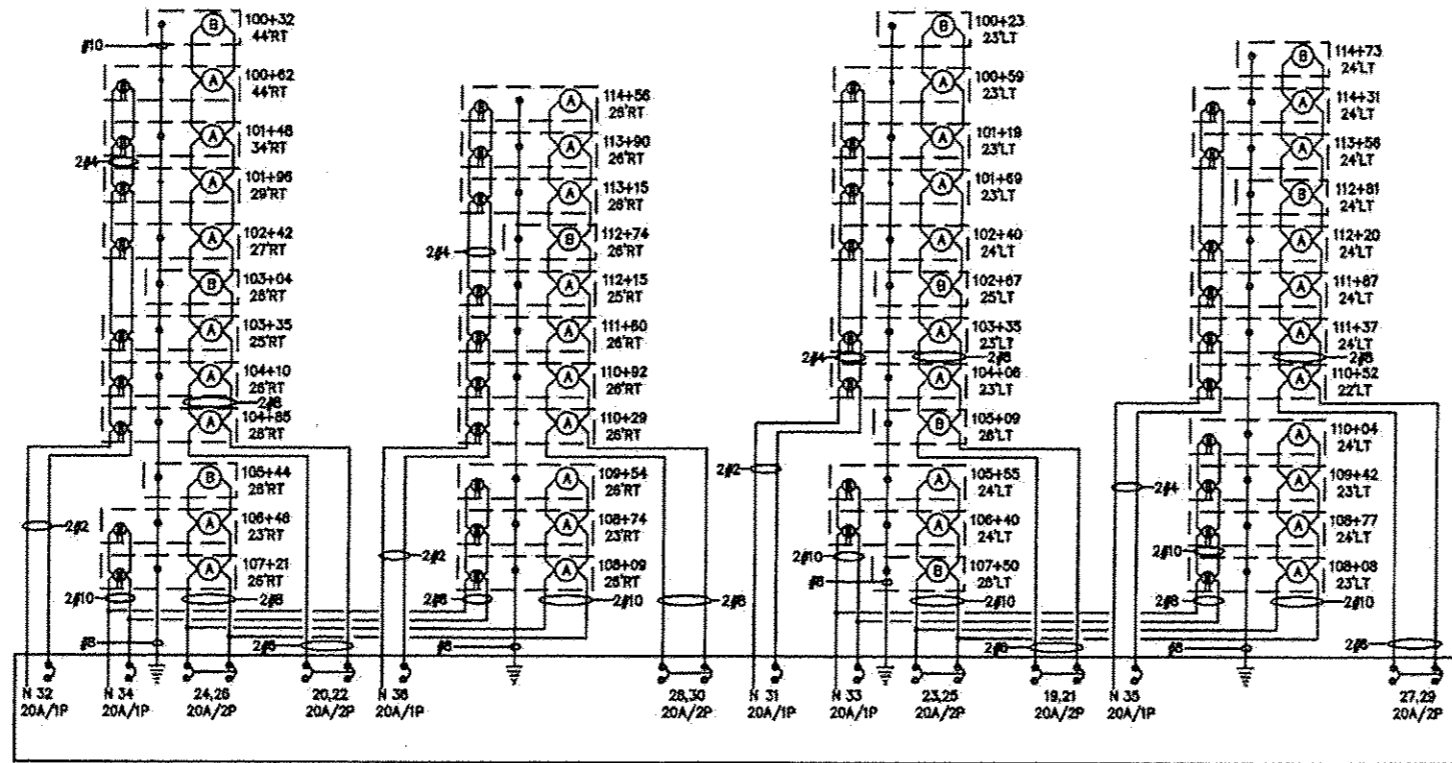


ELECTRIC SERVICE INSTALLATION, SPECIAL
NO SCALE

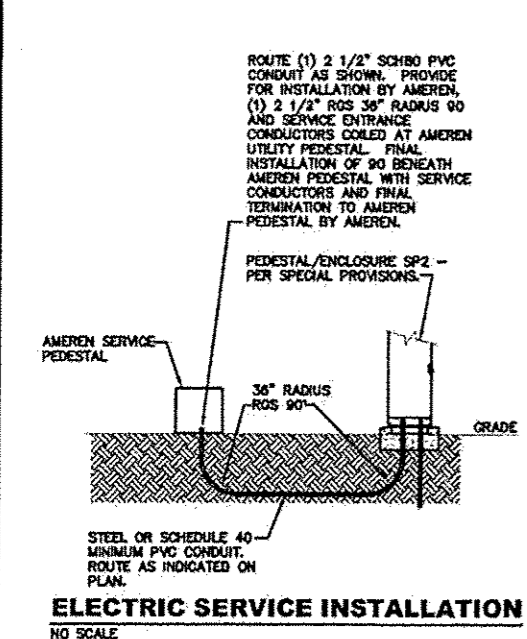


PANEL NO: PP1							10,000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA
-	-		1	A	2	125A/2P	PANEL SP1	9579
-	-		3	B	4			6879
	SPACE		5	A	8	20A/1P	CONTROL CIRCUIT	50
	SPACE		7	B	8	20A/1P	PEDESTAL RECPT/LT	280
	SPACE		9	A	10		SPACE	
	SPACE		11	B	12		SPACE	
	SPACE		13	A	14		SPACE	
	SPACE		15	B	18		SPACE	
	SPACE		17	A	18		SPACE	
PHASE VOLTAMPS		A	B		TOTALS		VOLTS:	120/240V, 1φ, 3W
		9579	7159		16738			
MAINS:		150 AMP MAIN BREAKER		POLES: 18 POSITIONS		MOUNTING: INSIDE PEDESTAL/ENCLOSURE		

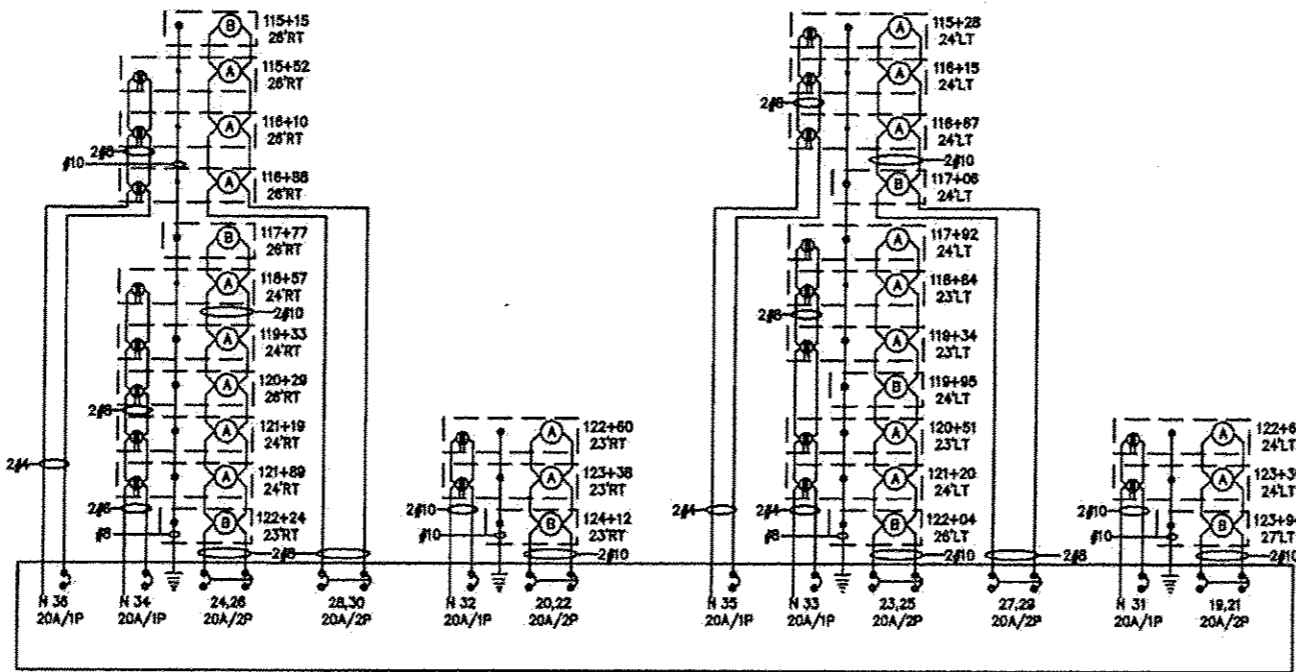
PANEL NO: SP1 (SWITCHED PORTION OF PANEL)							10,000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA
998	STREET LIGHTS - WEST SIDE HIGH TO DUNN	20A/2P	18	A	20	20A/2P	STREET LIGHTS - EAST SIDE HIGH TO DUNN	943
998	STREET LIGHTS - WEST SIDE HIGH TO DUNN	20A/2P	21	B	22	20A/2P	STREET LIGHTS - EAST SIDE HIGH TO DUNN	943
703	STREET LIGHTS - WEST SIDE DUNN TO F	20A/2P	23	A	24	20A/2P	STREET LIGHTS - EAST SIDE DUNN TO F	610
703	STREET LIGHTS - WEST SIDE DUNN TO F	20A/2P	25	B	28	20A/2P	STREET LIGHTS - EAST SIDE DUNN TO F	610
850	STREET LIGHTS - WEST SIDE F TO H	20A/2P	27	A	28	20A/2P	STREET LIGHTS - EAST SIDE F TO H	795
850	STREET LIGHTS - WEST SIDE F TO H	20A/2P	29	B	30	20A/2P	STREET LIGHTS - EAST SIDE F TO H	795
1060	RECEPTACLES - W	20A/1P	31	A	32	20A/1P	RECEPTACLES - E	1260
1060	RECEPTACLES - W	20A/1P	33	B	34	20A/1P	RECEPTACLES - E	900
1060	RECEPTACLES - W	20A/1P	35	A	38	20A/1P	RECEPTACLES - E	1260
0	SPARE	20A/1P	37	B	38	20A/1P	SPARE	0
0	SPARE	20A/2P	39	A	40	20A/2P	SPARE	0
0	SPARE	20A/2P	41	B	42	20A/2P	SPARE	0
	SPACE		43	A	44		SPACE	
	SPACE		45	B	46		SPACE	
	SPACE		47	A	48		SPACE	
PHASE VOLTAMPS		A	B		TOTALS		VOLTS:	120/240V, 1φ, 3W
		9579	6879		16458			
MAINS:		150 AMP MAIN BREAKER		POLES: 30 POSITIONS		MOUNTING: INSIDE PEDESTAL/ENCLOSURE		

PANEL NO: PP2							10,000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA
-	-		1	A	2	100A/2P	PANEL SP2	4896
-	-		3	B	4			4716
	SPACE		5	A	8	20A/1P	CONTROL CIRCUIT	50
	SPACE		7	B	8	20A/1P	PEDESTAL RECPT/LT	280
	SPACE		9	A	10		SPACE	
	SPACE		11	B	12		SPACE	
	SPACE		13	A	14		SPACE	
	SPACE		15	B	16		SPACE	
	SPACE		17	A	18		SPACE	
PHASE VOLTAMPS		A	B		TOTALS		VOLTS:	120/240V, 1φ, 3W
		4896	4716		9612			
MAINS:		150 AMP MAIN BREAKER		POLES: 18 POSITIONS		MOUNTING: INSIDE PEDESTAL/ENCLOSURE		

PANEL NO: SP2 (SWITCHED PORTION OF PANEL)							10,000 AIC	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA
338	STREET LIGHTS - WEST SIDE LINCOLN TO L	20A/2P	19	A	20	20A/2P	STREET LIGHTS - EAST SIDE LINCOLN TO L	338
338	STREET LIGHTS - WEST SIDE LINCOLN TO L	20A/2P	21	B	22	20A/2P	STREET LIGHTS - EAST SIDE LINCOLN TO L	338
757	STREET LIGHTS - WEST SIDE UNION TO LINCOLN	20A/2P	23	A	24	20A/2P	STREET LIGHTS - EAST SIDE UNION TO LINCOLN	613
757	STREET LIGHTS - WEST SIDE UNION TO LINCOLN	20A/2P	25	B	26	20A/2P	STREET LIGHTS - EAST SIDE UNION TO LINCOLN	613
425	STREET LIGHTS - WEST SIDE H TO UNION	20A/2P	27	A	28	20A/2P	STREET LIGHTS - EAST SIDE H TO UNION	425
425	STREET LIGHTS - WEST SIDE H TO UNION	20A/2P	29	B	30	20A/2P	STREET LIGHTS - EAST SIDE H TO UNION	425
360	RECEPTACLES - W	20A/1P	31	A	32	20A/1P	RECEPTACLES - E	360
900	RECEPTACLES - W	20A/1P	33	B	34	20A/1P	RECEPTACLES - E	720
540	RECEPTACLES - W	20A/1P	35	A	38	20A/1P	RECEPTACLES - E	540
0	SPARE	20A/1P	37	B	38	20A/1P	SPARE	0
0	SPARE	20A/2P	39	A	40	20A/2P	SPARE	0
0	SPARE	20A/2P	41	B	42	20A/2P	SPARE	0
	SPACE		43	A	44		SPACE	
	SPACE		45	B	46		SPACE	
	SPACE		47	A	48		SPACE	
PHASE VOLTAMPS		A	B		TOTALS		VOLTS:	120/240V, 1φ, 3W
		4896	4716		9612			
MAINS:		150 AMP MAIN BREAKER		POLES: 30 POSITIONS		MOUNTING: INSIDE PEDESTAL/ENCLOSURE		



ELECTRIC SERVICE INSTALLATION
NO SCALE



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LAST PLOTTED: 1/28/2013 8:01 AM
OPERATOR: JETH

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20-5080586

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ELECTRICAL SCHEDULES AND DETAILS

PROJECT TITLE:
SEC 10-00085-01-LS
NORTH MAIN STREET STREETSCAPE
CITY OF EDWARDSVILLE, ILLINOIS

DESIGNED BY: JEN
DRAWN BY: JEN
CHECKED BY: RJD
DATE OF PRE-FINAL: 6/1/12
DATE OF FINAL: 10/12/12
SHEET NO. 12 OF 12 SHEETS
PROJECT NUMBER: 09-1024.01

E6