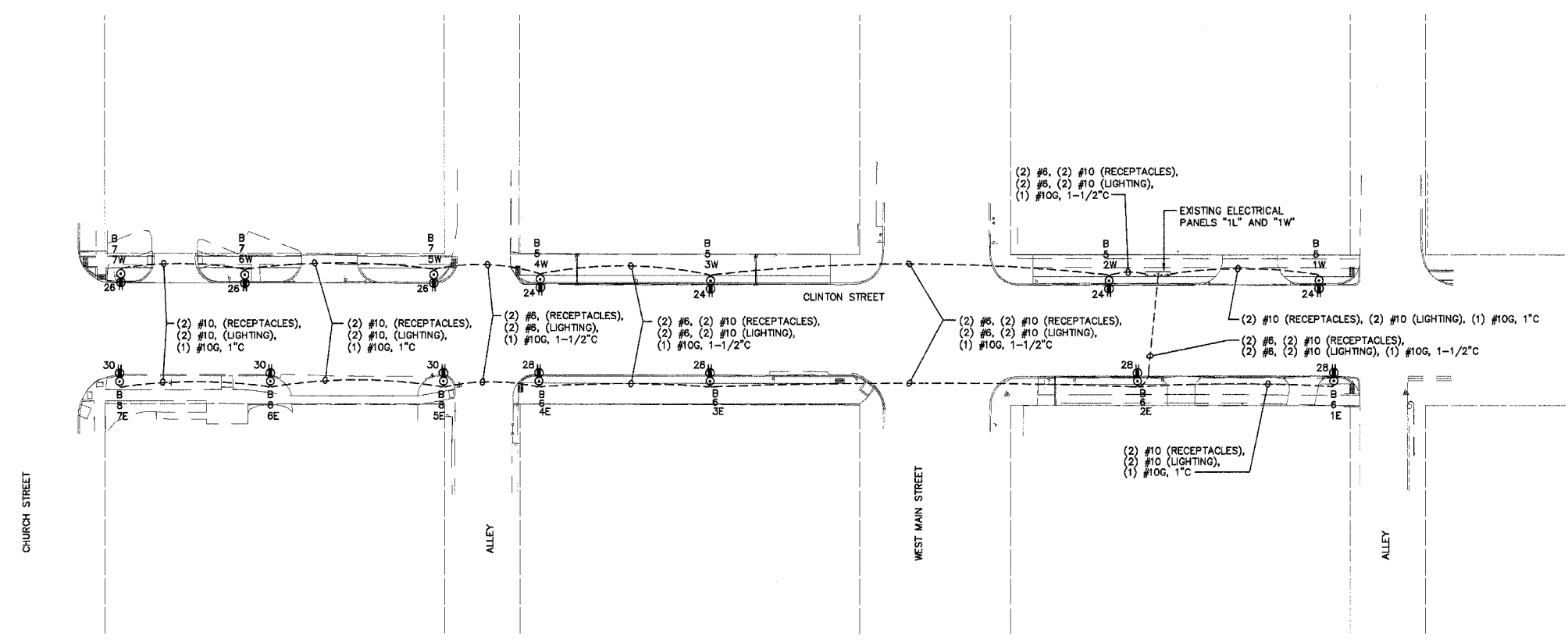


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9127	06-00081-02-LS	MADISON	45	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
ELECTRICAL PLANS AND DETAILS				



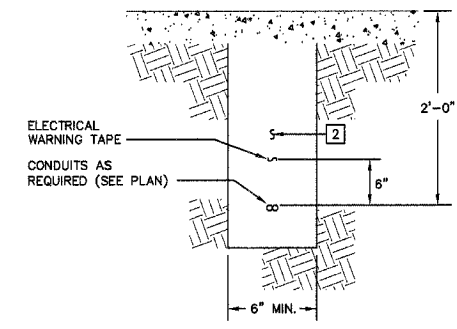
**ELECTRICAL SITE PLAN**  
1" = 30'-0"

**GENERAL NOTES**

- UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
- ROUTE CONDUITS AROUND TREE PLANTING AREAS.
- LIGHT/UPPER GFCI RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1L". SEE PANEL SCHEDULE.
- LOWER RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1W". SEE PANEL SCHEDULE.
- FACE OF LIGHT POLES TO BE INSTALLED 24" FROM FACE OF CURB.

**KEYED NOTES**

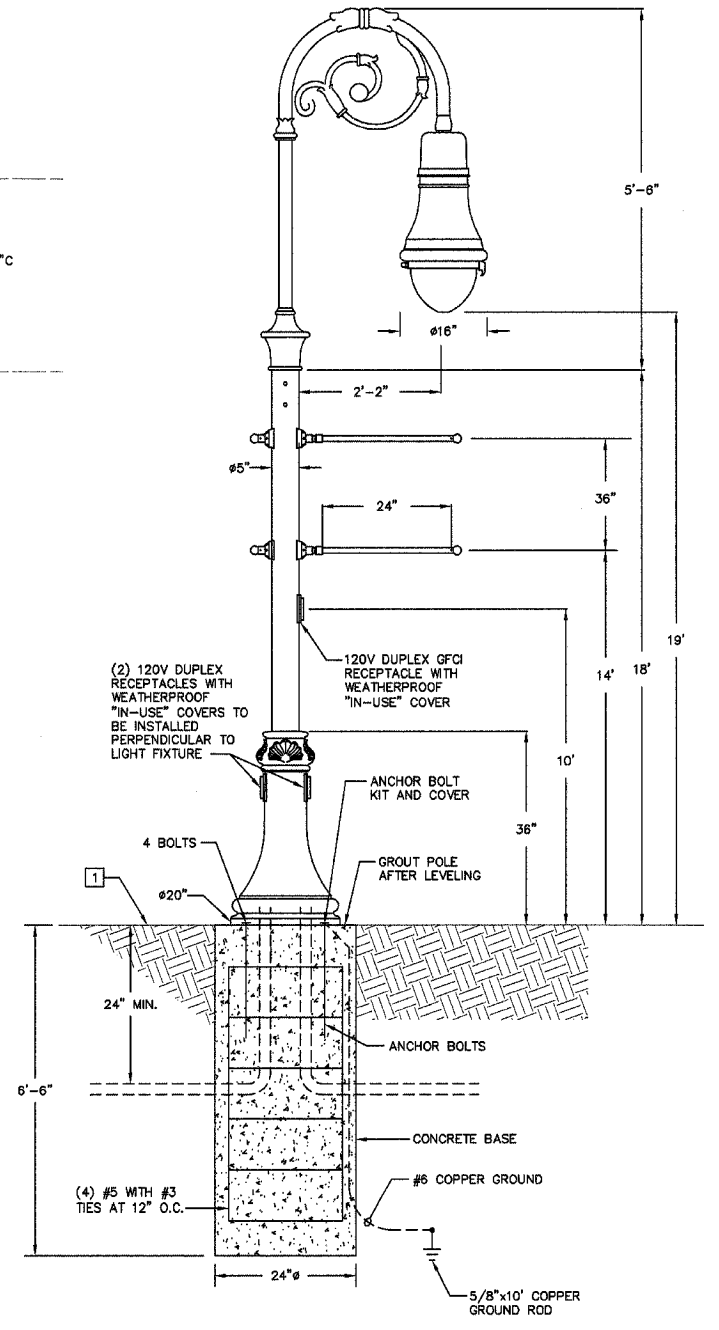
- VERIFY EXISTING CONDITION AND MATCH.
- AFTER INSTALLATION OF NEW CONDUIT(S), BACKFILL TRENCH(ES) WITH CRUSHED STONE BACKFILL.
- IN PANEL "1W", UTILIZE EXISTING SPARE GFCI, 20A CIRCUIT BREAKERS #24, #28, #28, AND #30.
- ADD (4) 20A/1P BREAKERS IN PANEL "1L".



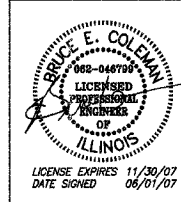
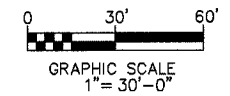
**1 TRENCH DETAIL**  
NO SCALE

PANEL NO: 1L (EXISTING)										60A	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
-	EXISTING LOAD	20A/1P	1	A	2	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	3	B	4	20A/1P	EXISTING LOAD	-			
1570	LTG/UPPER RECEPT.	20A/1P	5	A	6	20A/1P	LTG/UPPER RECEPT.	1570			
1180	LTG/UPPER RECEPT.	20A/1P	7	B	8	20A/1P	LTG/UPPER RECEPT.	1180			
-	SPACE	-	9	A	10	-	SPACE	-			
-	SPACE	-	11	B	12	-	SPACE	-			
-	SPACE	-	13	A	14	-	SPACE	-			
-	SPACE	-	15	B	16	-	SPACE	-			
-	SPACE	-	17	B	18	-	SPACE	-			
VOLTAMPS		A		B		TOTALS		VOLTS:		120/240V, 1φ, 3W	
PHASE		-		-		-		MOUNTING:		ON UNISTRUT	
MAINS:		60A MCB		POLES:		18 POSITIONS					

PANEL NO: 1W (EXISTING)										400A	
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
-	EXISTING LOAD	20A/1P	1	A	2	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	3	B	4	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	5	A	6	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	7	B	8	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	9	A	10	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	11	B	12	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	13	A	14	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	15	B	16	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	17	A	18	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	19	B	20	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	21	A	22	20A/1P	EXISTING LOAD	-			
-	EXISTING LOAD	20A/1P	23	B	24	20A/1P	RECEPTACLES	1440			
-	EXISTING LOAD	20A/1P	25	A	26	20A/1P	RECEPTACLES	1080			
-	EXISTING LOAD	20A/1P	27	B	28	20A/1P	RECEPTACLES	1440			
-	EXISTING LOAD	20A/1P	29	A	30	20A/1P	RECEPTACLES	1080			
VOLTAMPS		A		B		TOTALS		VOLTS:		120/240V, 1φ, 3W	
PHASE		-		-		-		MOUNTING:		ON UNISTRUT	
MAINS:		300A MCB		POLES:		30 POSITIONS					



**2 FIXTURE TYPE B POLE INSTALLATION DETAIL**  
NO SCALE



**BRiC**  
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TEL 618.277.5200  
FAX 618.277.5227



**COLLINSVILLE**  
STREETSCAPE  
PLAN VIEW

DRAWN BY: GYK  
CHKD BY: LLH  
DATE: 06/01/07

JOB NO.: C-98-304-07  
E-2  
SHEET 2 OF 3 SHEETS

BRIC #624-23