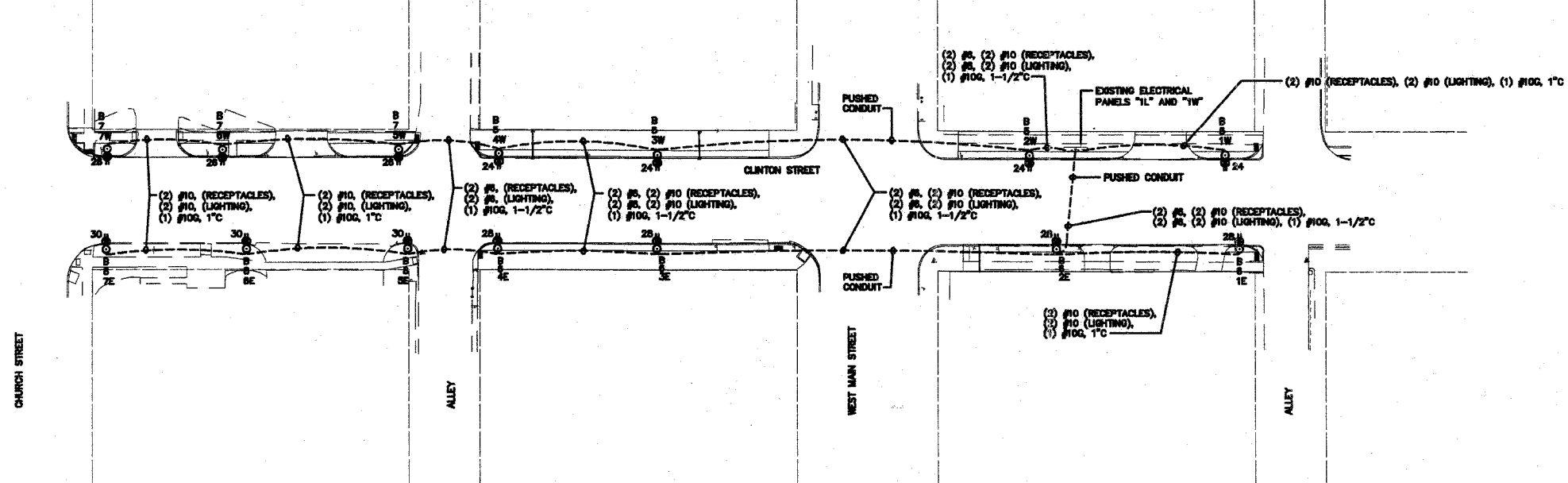


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9127	06-00091-02-1S	MADISON	45	27
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
ELECTRICAL PLANS AND DETAILS				



ELECTRICAL SITE PLAN

1" = 30'-0"

GENERAL NOTES

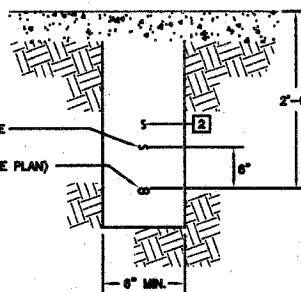
- UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
- ROUTE CONDUITS AROUND TREE PLANTING AREAS.
- LIGHT/UPPER GFCI RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1L". SEE PANEL SCHEDULE.
- LOWER RECEPTACLE CIRCUIT FROM EACH POLE TERMINATES IN PANEL "1W". SEE PANEL SCHEDULE.
- FACE OF LIGHT POLES 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, #25, #26, AND #30.
- ADD (4) 20A/1P BREAKERS IN PANEL "1L".

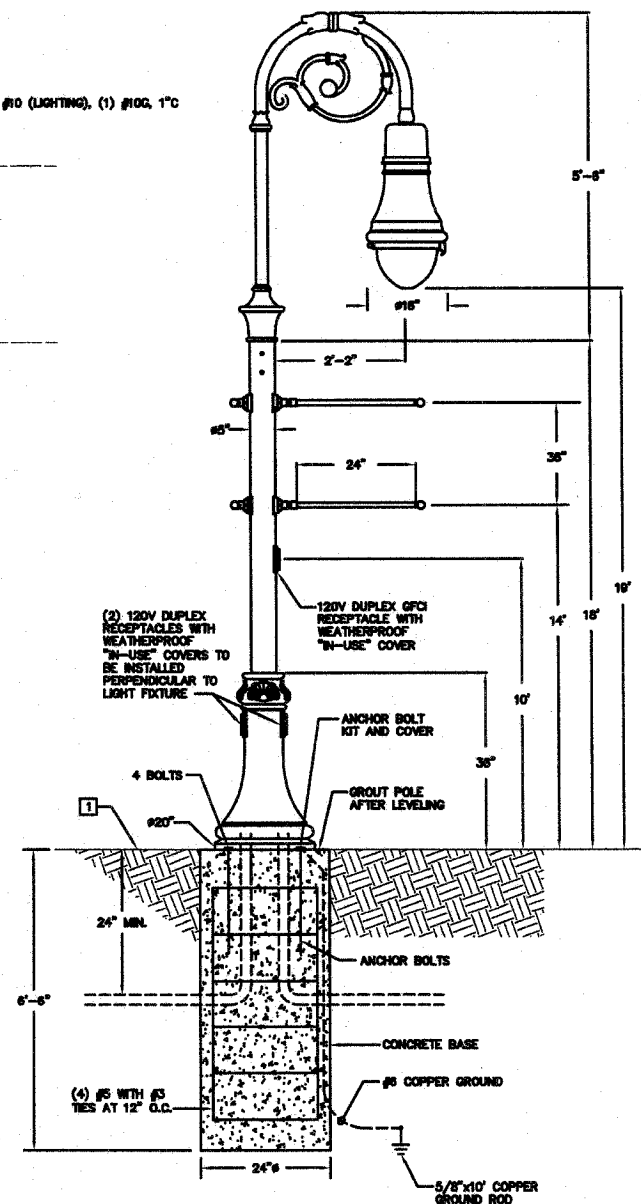
PANEL NO: 1L (EXISTING)										60A
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA		
-	EXISTING LOAD	20A/1P	1	A	2	20A/1P	EXISTING LOAD	-		
-	EXISTING LOAD	20A/1P	3	B	4	20A/1P	EXISTING LOAD	-		
1670	LTO/UPPER RECEPT.	20A/1P	5	A	6	20A/1P	LTO/UPPER RECEPT.	1670		
1180	LTO/UPPER RECEPT.	20A/1P	7	B	8	20A/1P	LTO/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	-		
VOLTS: 120/240V, 1Ø, 3W		A		B		TOTALS		VOLTS: 120/240V, 1Ø, 3W		
PHASE		A		B		TOTALS		PHASE		
MAINS: 60A MCB		POLES: 16 POSITIONS		MOUNTING: ON UNISTRUT						

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		
VOLTS: 120/240V, 1Ø, 3W		A		B		TOTALS		VOLTS: 120/240V, 1Ø, 3W		
PHASE		A		B		TOTALS		PHASE		
MAINS: 300A MCB		POLES: 30 POSITIONS		MOUNTING: ON UNISTRUT						

ELECTRICAL
WARNING TAPE
CONDUITS AS
REQUIRED (SEE PLAN)

1 TRENCH DETAIL

E-2 NO SCALE

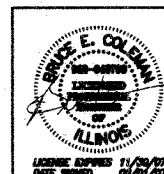


2 FIXTURE TYPE B POLE INSTALLATION DETAIL

E-2 NO SCALE

0 30' 60'

GRAPHIC SCALE
1" = 30'-0"



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BRIC #624-23



COLLINSVILLE
STREETSCAPE
PLAN VIEW

DRAWN BY: GYK
CHKD BY: LLH
DATE: 07/10/07

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

Revised