

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	06-00196-01-SW	ST. CLAIR	48	1
CONTRACT NO. 97322 FEDERAL AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
CITY OF BELLEVILLE  
DOWNTOWN BELLEVILLE STREETScape PH 2**  
SECTION 06-00196-01-SW  
PROJECT NO. TE-00D8(130)  
JOB NO. C98-308-08  
ST. CLAIR COUNTY

**INDEX OF SHEETS**

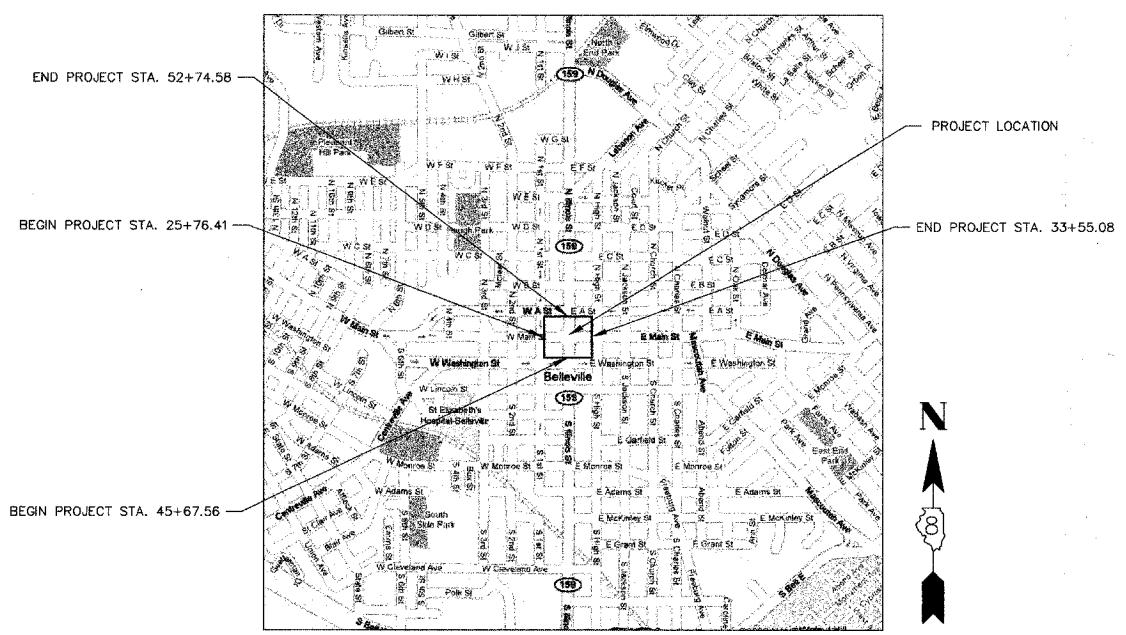
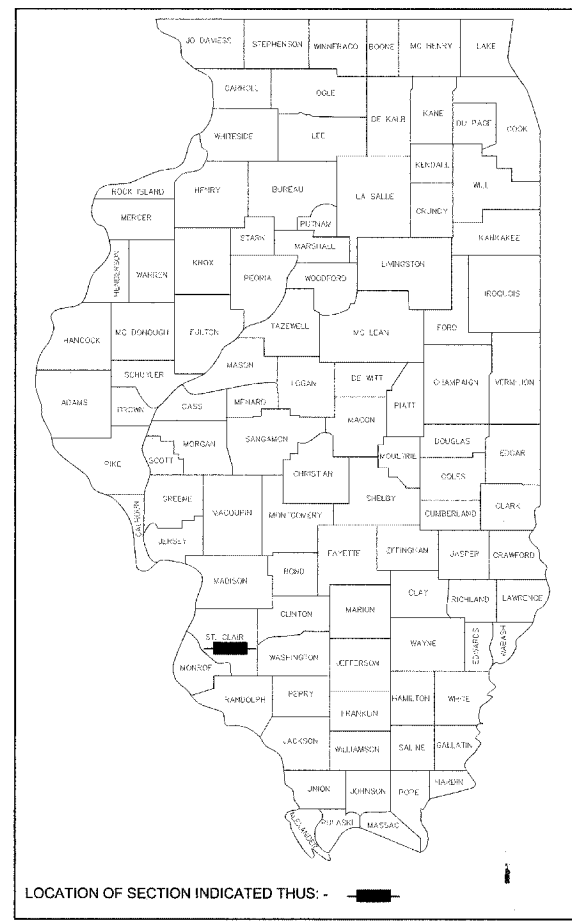
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**STANDARDS**

000001-04
280001-03
424001-04
442101-06
606001-03
606301-03
701001-01
701006-02
701306-01
701501-03
701502-01
701602-02
701701-04
701801-03
702001-06
720001
720006-01
780001-01
781001-02
814006-01
BLR17-3
BLR21-6
BLR22-4

**SCALES:**

PLAN	1 INCH = 20 FEET
QUAD DETAILS	1 INCH = 10 FEET
KEY SHEETS	1 INCH = 40 FEET
CROSS SECTIONS	1 INCH = 5 FEET HORIZONTAL 1 INCH = 2 FEET VERTICAL



STATE OF ILLINOIS DEPARTMENT  
OF TRANSPORTATION DIVISION OF  
HIGHWAYS

SUBMITTED 9-12 20 07  
*Mark W. Eckert*  
MARK W. ECKERT, MAYOR

PASSED 9-18 20 07  
*[Signature]*  
RICHARD C. MAUCH, P.E., ACTING DISTRICT 8  
ENGINEER OF LOCAL ROADS AND STREETS

9-18 20 07  
*Mary C. Lame*  
MARY C. LAMIE, P.E., DEPUTY DIRECTOR OF HIGHWAYS,  
REGION FIVE ENGINEER

RELEASING FOR BID BASED UPON LIMITED REVIEW

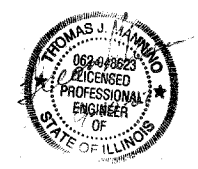
GRAPHIC SCALES TO BE USED ARE SHOWN  
ACCORDINGLY ON EACH PLAN SHEET

**(J.U.L.I.E.)  
JOINT UTILITY LOCATION INFORMATION FOR  
EXCAVATION 1-800-892-0123**

LENGTH OF PROJECT  
GROSS/ NET LENGTH - ILLINOIS STREET = 707.02' (0.13 MILES)  
MAIN STREET = 778.67' (0.15 MILES)

IL 159 (N. & S. ILLINOIS) AND MAIN STREET  
ROADWAY CLASSIFICATION IL 159 - URBAN COLLECTOR  
DESIGN SPEED - 45 MPH  
ROADWAY CLASSIFICATION MAIN ST. - URBAN MINOR COLLECTOR  
DESIGN SPEED - 25 MPH

CURRENT YEAR (2007) ADT IL 159 - 16100  
CURRENT YEAR (2007) ADT MAIN ST. - 8300



*Thomas Mannino* 9-10-07  
THOMAS MANNINO DATE  
LICENSE NO. 082-048623 EXPIRES: 11/30/2007

PREPARED BY:  
**Kaskaskia Engineering Group L.L.C.**

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GENERAL NOTES

- THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) HIGHWAY STANDARDS WITH THE REVISION NUMBER LISTED ON THE COVER SHEET OF THE PLANS SHALL APPLY TO THIS PROJECT. FOR CODED PAY ITEM DESCRIPTIONS, INCIDENTAL ITEMS, AND ALL MATERIAL SPECIFICATIONS, PLEASE REFER TO THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ANY FACILITIES WHICH ARE THE PROPERTY OF ANY PUBLIC UTILITY LOCATED WITHIN THE LIMITS OF CONSTRUCTION, SHALL BE RELOCATED OR ADJUSTED BY THEIR RESPECTIVE OWNERS, THE CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE OWNERS OF ANY SUCH FACILITY IN THEIR REMOVAL AND RELOCATION OPERATIONS, IN ORDER THAT THE UTILITY'S OPERATIONS AND THE CONSTRUCTION OF THIS PROJECT MAY PROGRESS IN A REASONABLE MANNER.
- THE TYPE, SIZE, AND LOCATION OF UTILITIES, AS DELINEATED IN THESE TOPOGRAPHIC LAND SURVEY DOCUMENTS AND/OR CIVIL ENGINEERING DESIGN DOCUMENTS, HAVE BEEN DETERMINED BY REVIEW OF AVAILABLE EXISTING "AS-BUILT" OR RECORD DRAWINGS, FIELD SURVEY OF J.U.L.I.E. MARKED UTILITIES, OR FIELD SURVEY OF ABOVE GROUND SURFACE UTILITY FEATURES. THE OWNER AND ENGINEER HAVE NOT UNDERTAKEN SUBSURFACE EXPLORATORY INVESTIGATIONS TO CONFIRM OR VERIFY THE UTILITIES SHOWN ON THESE DOCUMENTS; THEREFORE THEIR EXACT LOCATION, SIZE, AND FUNCTION MUST BE CONSIDERED APPROXIMATE AND MUST BE FIELD CONFIRMED BY THE CONTRACTOR. ILLINOIS LAW REQUIRES A MINIMUM 48-HOUR NOTICE TO ALL UTILITY COMPANIES BEFORE DIGGING. FIELD LOCATIONS OF UNDERGROUND FACILITIES MAY BE OBTAINED BY CALLING THE J.U.L.I.E. SYSTEM AT 800-892-0123.
- THE ENGINEER AND OWNER FURTHER DO NOT WARRANT THAT ALL UTILITIES HAVE BEEN ILLUSTRATED ON THESE DOCUMENTS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONTACTING J.U.L.I.E. FOR FIELD VERIFICATION OF ALL UTILITIES ON THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF THE CONTRACTOR DETERMINES THAT A SUBSTANTIAL DISCREPANCY EXISTS BETWEEN FIELD VERIFIED UTILITIES AND THESE PLANS (WHICH WOULD SIGNIFICANTLY AFFECT THE FUNCTION, COST, OR PERFORMANCE OF THE PROJECT) THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION AND PROJECT DIRECTION.
- THE FOLLOWING UTILITY COMPANIES MAY HAVE FACILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION WHICH MAY REQUIRE ADJUSTMENT, RELOCATION OR REMOVAL. ALL ARE MEMBERS OF J.U.L.I.E., UNLESS NOTED OTHERWISE.

CITY OF BELLEVILLE - SEWER 450 ENVIRONMENTAL DRIVE BELLEVILLE, ILLINOIS (618) 233-7146	SBC AMERICA 203 GOETHE AVE. COLLINSVILLE, ILLINOIS (618) 346-6420	CHARTER COMMUNICATIONS 314 WEST MAIN STREET BELLEVILLE, ILLINOIS (618) 277-0760
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AMEREN IP 1050 WEST BLVD BELLEVILLE, ILLINOIS (800) 755-5000	ILLINOIS AMERICAN WATER 100 N. WATERWORKS DRIVE BELLEVILLE, ILLINOIS (618) 277-7450	MCLEOD USA 102 E. SHAFER STREET FORSYTH, ILLINOIS (217) 876-7194
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360 NETWORKS  
600 E. JOHN CARPENTER FREEWAY  
IRVING, TEXAS  
(469) 995-2500, EXT 103

- THE CONTRACTOR SHALL CONFINE HIS OPERATIONS TO THE AREA LOCATED WITHIN THE CONSTRUCTION LIMIT LINES, AS SHOWN ON THE PLANS. ANY AREA DISTURBED BEYOND THESE LIMITS SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL POSTMASTER TO TEMPORARILY RELOCATE POSTAL SERVICE DROP BOXES. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE WITH ST. CLAIR COUNTY TO TEMPORARILY RELOCATE FEE DROP BOX WHICH INTERFERE WITH CONSTRUCTION OPERATIONS ACCORDING TO ARTICLES 107.20 AND 107.25 OF THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION".
- SIX TREES SHALL BE SAVED IN THE SQUARE AND ARE NOTED ON THE PLANS. THE ENGINEER IN THE FIELD WILL VERIFY AND MARK ALL TREES REQUIRED TO BE REMOVED. SHOULD THE ENGINEER'S DECISION INCREASE OR DECREASE THE QUANTITIES OF WORK TO BE PERFORMED FROM THE PLANS, THE CONTRACTOR SHALL ACCEPT PAYMENTS AS STATED IN ARTICLE 104.03 OF THE STANDARD SPECIFICATIONS. TREES OUTSIDE THE LIMITS OF CONSTRUCTION SHALL NOT BE DISTURBED UNLESS DESIGNATED BY THE ENGINEER.
- WHEN THE MILLING OPERATION COMMENCES, "ROUGH GROOVED SURFACE" SIGNS SHALL BE PLACED BY THE CONTRACTOR AT THE END OF EACH LEG OF THE PROJECT. THE COST OF THIS WORK WILL NOT BE PAID SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICES BID FOR THE VARIOUS ITEMS OF WORK INVOLVED.
- THE CONTRACTOR SHALL NOTE THE LOCATION OF ALL MANHOLES AND VALVE VAULT FRAMES AND LIDS LOCATED WITHIN THE RESURFACING LIMITS. APPROPRIATE CARE SHALL BE TAKEN TO PROTECT THESE ITEMS DURING MILLING OPERATIONS.

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL EROSION AND DISPLACED SEDIMENT DOES NOT MIGRATE OFF SITE. IF UNEXPECTED EROSION OR SEDIMENTATION OCCURS (OR IF THE EROSION PLAN STRUCTURES BECOME DAMAGED), THE CONTRACTOR SHALL PROVIDE SUFFICIENT MEASURES TO REPAIR, REPLACE, OR INSTALL EROSION CONTROL STRUCTURES TO INSURE OFF-SITE DAMAGE DOES NOT OCCUR. ANY SEDIMENT OR EROSION DAMAGE WHICH OCCURS OFF-SITE SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER EXPENSE.
- THE CONTRACTOR SHALL STAGE ALL WORK IN SUCH A WAY AS TO MAINTAIN INGRESS AND EGRESS TO ALL ABUTTING PROPERTIES AT ALL TIMES DURING CONSTRUCTION AT NO ADDITIONAL PAYMENT.
- ALL TRAFFIC CONTROL (INCLUDING, BUT NOT LIMITED TO WORK ZONE, TEMPORARY, OR PERMANENT) SHALL BE FURNISHED, INSTALLED, MAINTAINED, RELOCATED, AND/OR REMOVED ACCORDING TO SECTION 701 OF THE LATEST EDITION OF THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES WITH APPROPRIATE LIGHTING.
- CARE SHALL BE TAKEN TO AVOID PROPOSED ELECTRICAL CONDUIT CONFLICTS WITH OTHER PROPOSED WORK.
- CONCRETE CURB USED FOR LANDSCAPING WILL BE POURED MONOLITHIC WITH THE PROPOSED SIDEWALK.
- KASKASKIA ENGINEERING GROUP WILL SUPPLY THE CONTRACTOR WITH COORDINATE GEOMETRY FOR SIDEWALK LAYOUT IN SQUARE QUADRANTS.
- REMOVAL OF ITEMS AND GRADING AROUND TREES TO REMAIN MUST BE PERFORMED PRIOR TO TREES BUDDING LEAVES.
- OPEN STOCKPILING OF BITUMINOUS MIXTURES AT TRANSFER POINTS WILL NOT BE PERMITTED.
- NO COMMITMENTS HAVE BEEN PLEDGED ON THIS PROJECT.

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
SIGNS			CULVERT FLARED END SECTION		
TRAFFIC SIGNAL			CULVERT FLARED END SECTION		
TREES, GENERAL			DITCH CHECK		
BUSHES			DITCH CHECK (TEMPORARY)		
TREES, EVERGREEN			DIRECTION OF FLOW		
WELL			STORM MANHOLE		
CABLE BOX			INLET		
GUY WIRE			CLEAN OUT		
HAND HOLE			SANITARY SEWER MANHOLE		
LIGHT POLE			FIRE HYDRANT		
ELECTRIC MANHOLE			GATE VALVE		
ELECTRIC METER			WATER METER		
ELECTRIC JUNCTION BOX			VALVE VAULT		
LIGHT UNIT COMB.			WATER FOUNTAIN		
POWER POLE			YARD HYDRANT		
NATURAL GAS VALVE			BOLLARD		
NATURAL GAS METER			HMA PAVEMENT IMPRINTING		
MANHOLE, TELEPHONE			P.C.C. SIDEWALK SPEC.		
TELEPHONE RISER			COMBINATION RIGHT		
TELEPHONE POLE			LEFT TURN		
			RIGHT TURN		
			THRU		

LEGEND

EXISTING CENTER	
EXISTING ELECTRIC	
EXISTING FENCE	
EXISTING GAS LINE	
EXISTING RIGHT-OF-WAY	
EXISTING SANITARY SEWER LINE	
EXISTING STORM LINE	
EXISTING TELEPHONE LINE	
EXISTING TREE LINE	
EXISTING WATER LINE	
PROPOSED CENTER	
PROPOSED ELECTRIC	
PROPOSED FENCE	
PROPOSED GAS LINE	
PROPOSED SANITARY SEWER LINE	
PROPOSED STORM LINE	
PROPOSED OVERHEAD TELEPHONE LINE	
PROPOSED UNDERGROUND TELEPHONE LINE	
PROPOSED TREE LINE	
PROPOSED WATER LINE	

Kaskaskia Engineering

Group L.L.C.

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Belleville, Illinois 62220  
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A Disadvantaged Business Enterprise

PREPARED BY:



PROFESSIONAL REGISTRATIONS LICENSE NO. 18400473  
ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP. 20-500698

REV.	DATE	DESCRIP
1	08/29/2007	FIRST REVIEW
2	XX/XX/XX	XXXXXXXX
3	XX/XX/XX	XXXXXXXX

GENERAL NOTES & LEGEND

PROJECT TITLE:  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE:

DESIGNED BY: TJM	SHEET <b>2</b>
DRAWN BY: CHA/DWK	
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	

SUMMARY OF QUANTITIES

CODE #	ITEM	UNIT	QTY	FUNDING SOURCE	
				FED 80/20	NON-PART
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	120	120	
20101700	SUPPLEMENTAL WATERING	UNIT	24.1	24.1	
20200100	EARTH EXCAVATION	CU YD	158	158	
20700110	POROUS GRANULAR EMBANKMENT	TON	868	868	
21101685	TOPSOIL FURNISH AND PLACE, 24"	SQ YD	483	483	**
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	8	8	**
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	8	8	**
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	8	8	**
25200100	SODDING	SQ YD	633	633	**
35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	76	76	
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	20	20	
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	675	675	
40600300	AGGREGATE (PRIME COAT)	TON	13.5	13.5	
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	136	136	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTTJOINT	SQ YD	561	561	
40600990	TEMPORARY RAMP	SQ YD	187	187	
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	582	582	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	18.8	18.8	
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	36943	36943	
42400300	PORTLAND CEMENT CONCRETE SIDEWALK 6 INCH	SQ FT	866	866	
42400420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH, SPECIAL	SQ FT	2885	2885	
42400800	DETECTABLE WARNINGS	SQ FT	160	160	
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	2479	2479	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2454	2454	
44000600	SIDEWALK REMOVAL	SQ FT	40600	40600	
44212899	PAVEMENT PATCHING (FULL DEPTH)	SQ YD	17	17	
44300100	AREA REFLECTIVE CRACK CONTROL TREATMENT	SQ YD	6708	6708	
50300254	RUBBED FINISH	SQ FT	143	143	
56200300	WATER SERVICE LINE 1"	FOOT	51	51	**
56200700	WATER SERVICE LINE 2"	FOOT	594	594	**
56201120	WATER SERVICE LINE 4"	FOOT	750	750	**
56500700	DOMESTIC WATER SERVICE BOXES TO BE REMOVED	EACH	6	6	**
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	166	166	
60255800	MANHOLE TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60600105	CONCRETE CURB	FOOT	471	471	
60604400	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18	FOOT	2095	2095	
60611700	COMBINATION CONCRETE CURB AND GUTTER, TYPE B (SPECIAL)	FOOT	297	297	
60622310	CONCRETE MEDIAN, TYPE SM-4.18	SQ FT	295	295	
67100100	MOBILIZATION	L SUM	1	1	
70102550	TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR	EACH	1	1	
70103700	TRAFFIC CONTROL COMPLETE	L SUM	1	1	
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	532	532	
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	59	59	
72000100	SIGN PANEL - TYPE 1	SQ FT	36.4	36.4	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	69.3	69.3	
72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	76.8	76.8	
78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	142	142	**
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2667	2667	**
78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	534	534	**
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	640	640	**
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	51	51	**
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	27	27	**
80300100	LOCATING UNDERGROUND CABLE	FOOT	500	500	**
80400105	ELECTRIC SERVICE INSTALLATION, SPECIAL	EACH	5	5	**
81012300	CONDUIT IN TRENCH, 1" DIA., PVC	FOOT	1585	1585	**
81012500	CONDUIT IN TRENCH, 1 1/2" DIA., PVC	FOOT	2225	2225	**
81012600	CONDUIT IN TRENCH, 2" DIA., PVC	FOOT	10	10	**
81012700	CONDUIT IN TRENCH, 2 1/2" DIA., PVC	FOOT	1130	1090	40 **
81012800	CONDUIT IN TRENCH, 3" DIA., PVC	FOOT	1810	1810	**
81012900	CONDUIT IN TRENCH, 3 1/2" DIA., PVC	FOOT	750	750	**
81021300	CONDUIT PUSHED, 1" DIA., PVC	FOOT	50	50	**
81021340	CONDUIT PUSHED, 2 1/2" DIA., PVC	FOOT	500	500	**
81021350	CONDUIT PUSHED, 3" DIA., PVC	FOOT	50	50	**
81021360	CONDUIT PUSHED, 3 1/2" DIA., PVC	FOOT	50	50	**
81100300	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. GALVANIZED STEEL	FOOT	20	20	**
81100500	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., GALVANIZED STEEL	FOOT	30	30	**
81100600	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., GALVANIZED STEEL	FOOT	10	10	**
81100700	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL	FOOT	30	30	**
81100800	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., GALVANIZED STEEL	FOOT	90	90	**

CODE #	ITEM	UNIT	QTY	FUNDING SOURCE	
				FED 80/20	NON-PART
81100900	CONDUIT ATTACHED TO STRUCTURE, 3 1/2" DIA., GALVANIZED STEEL	FOOT	10	10	**
81400200	HEAVY DUTY HANDHOLE	EACH	1	1	**
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2720	2720	**
81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	2410	2410	**
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2090	2090	**
81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	1595	1595	**
81702160	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1/0	FOOT	900	900	**
81702170	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2/0	FOOT	300	300	**
81702190	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4/0	FOOT	2670	2630	40 **
81702200	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 250MCM	FOOT	2115	2115	**
81702220	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	6615	6615	**
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	6672	6672	**
83600110	LIGHT POLE FOUNDATION (SPECIAL)	EACH	11	11	**
83600120	LIGHT POLE FOUNDATION (SPECIAL)	FOOT	378	378	**
84200500	REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	55	55	**
84200700	LIGHTING FOUNDATION REMOVAL	EACH	51	51	**
89502380	REMOVE EXISTING HANDHOLE	EACH	1	1	**
X0323113	BITUMINOUS PAVEMENT IMPRINTING	SQ YD	162	162	**
X0323964	ROOF DRAIN COLLECTION NETWORK	FOOT	323	323	**
X2010300	TREE REMOVAL (UNDER 6 INCH DIAMETER)	UNIT	20	20	**
X8780100	CONCRETE FOUNDATIONS (SPECIAL)	CU YD	8.9	8.9	**
XX003120	YARD HYDRANT (FROST PROOF)	EACH	16	16	**
XX003121	TRENCH DRAIN, SPECIAL	FOOT	9.6	9.6	**
XX003308	TRENCH DRAIN	FOOT	37.6	37.6	**
XX003338	TEST HOLE	EACH	40	40	**
XX003988	TEMPORARY CONCRETE BARRIER REMOVAL	FOOT	24	24	**
XX005043	ORNAMENTAL SIGN POST	EACH	9	9	**
XX006125	REMOVE AND REPLACE CONCRETE INLET LID	EACH	5	5	**
A2004524	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 3"	EACH	20	20	**
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	**
Z0034100	MASONRY WALL CONSTRUCTION	SQ FT	994	994	**
XX007109	LIGHT FIXTURE (TYPE B)	EACH	32	32	**
XX007110	LIGHT FIXTURE (TYPE AA)	EACH	6	6	**
XX007111	LIGHT FIXTURE (TYPE AB)	EACH	2	2	**
XX007112	LIGHT FIXTURE (TYPE C)	EACH	38	34	4 **
XX007113	LIGHT FIXTURE (TYPE D)	EACH	23	23	**
XX007114	LIGHT FIXTURE (TYPE E)	EACH	3	3	**
XX007115	100 AMP RECESSED PLUG	EACH	20	19	1 **
XX007116	WEATHERPROOF LOCKABLE COVER PLATE AND GFI RECEPTACLE	EACH	1	1	**
XX007117	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 1	FOOT	645	645	**
XX007118	REDUCE PRESSURE ZONE ASSEMBLY 2"	EACH	1	1	**
XX007119	REMOVE TELEPHONE KIOSK	EACH	1	1	**
XX007136	REMOVE AND RELOCATE HISTORICAL MARKER	EACH	1	1	**
X0350800	BOLLARDS	EACH	4	4	**
XX007120	STEEL PLATE FOR VAULTS	SQ FT	259	259	**
XX007121	REMOVE AND REPLACE BEAM	EACH	1	1	**
XX007122	REMOVE AND REPLACE SIDEWALK GRATES 4'X6'	EACH	1	1	**
XX007123	REMOVE AND REPLACE SIDEWALK GRATES 2'X2'	EACH	2	2	**
XX007124	THIN LIFT CONCRETE OVERLAY	SQ YD	40	40	**
XX007127	CLEANOUT SPECIAL 4"	EACH	4	4	**
XX007125	HANDHOLE SPECIAL 12" X 12"	EACH	6	6	**
XX007126	HANDHOLE SPECIAL 24" X 24"	EACH	3	3	**
XX007127	HANDHOLE SPECIAL 36" X 36"	EACH	1	1	**
XX007128	SIGN PANEL TYPE 1 FRAME	SQ FT	59.5	59.5	**
XX007126	PLANTER REMOVAL	EACH	7	7	**
XX007129	CONCRETE WATERPROOFING	SQ FT	200	200	**
XX007130	TREE FRAME AND GRATES - 48"	EACH	11	11	**
XX007131	TREE FRAME AND GRATES - 72"	EACH	9	9	**
XX007132	ANCHOR BOLT ADJUSTMENT TEMPLATE	EACH	4	4	**
XX007133	COMMERCIAL PEDESTAL, 100 AMP	EACH	2	2	**
XX007134	COMMERCIAL PEDESTAL, 400 AMP	EACH	3	3	**
XX007135	DRINKING FOUNTAIN REMOVAL	EACH	2	2	**

\*\* REFERS TO SPECIALTY ITEM

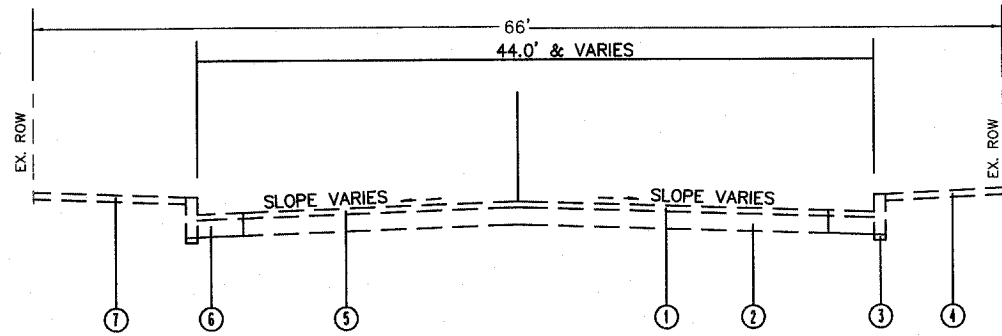
Kaskasia Engineering  
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23 Public Square Suite 404  
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PROFESSIONAL REGISTRATIONS LICENSE NO. 1840473  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-006586  
PROFESSIONAL ENGINEERING CORP.

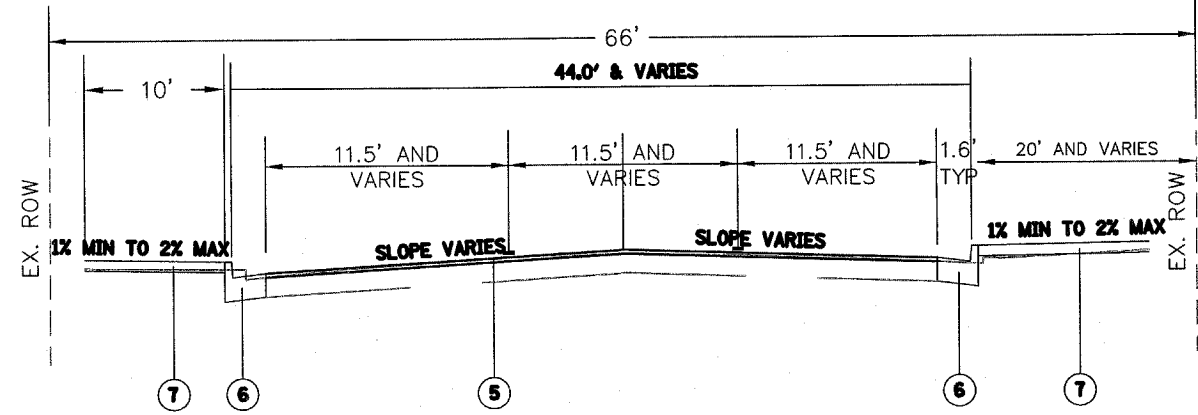
REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	09/20/2007	1ST REVISION
△	XX/XX/XX	XXXXXXX

SUMMARY OF QUANTITIES  
PROJECT TITLE:  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

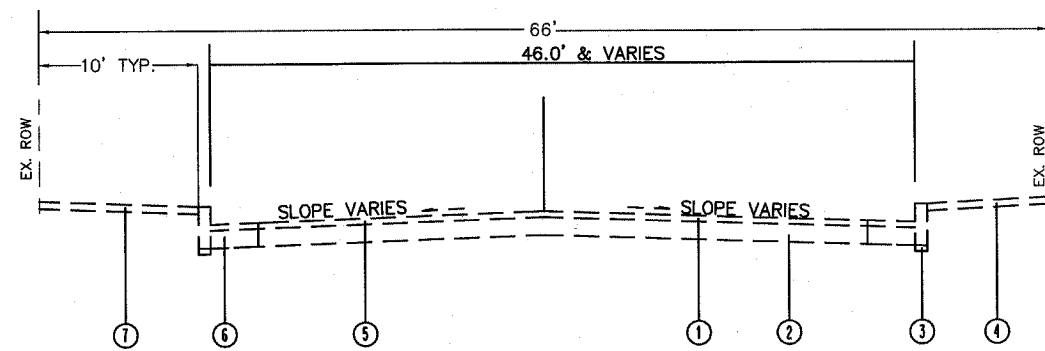
DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	3
DATE OF FINAL: 09/13/2007	
SHEET NO. 3 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



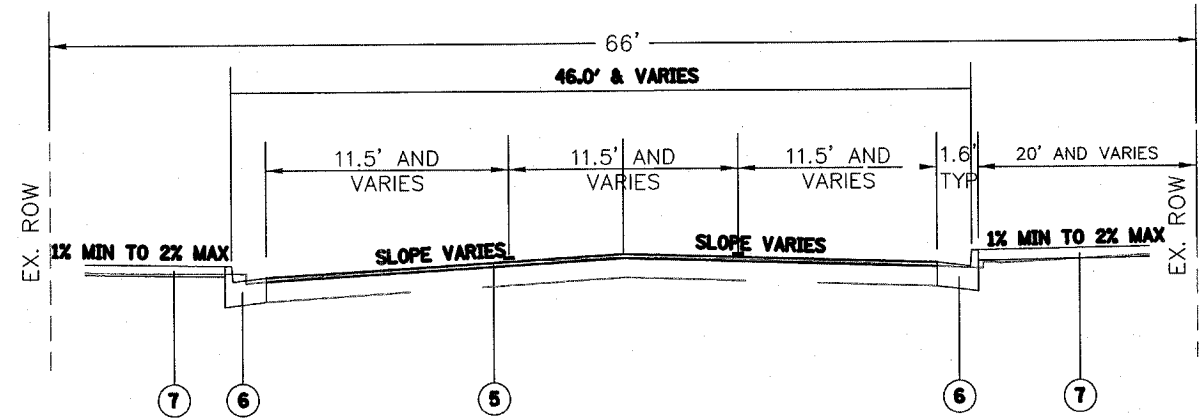
IL 159 (N. & S. ILLINOIS ST.) EXISTING TYPICAL SECTION  
STA. 45+67.56 TO STA. 47+85.06  
STA. 50+58.34 TO STA. 52+74.58



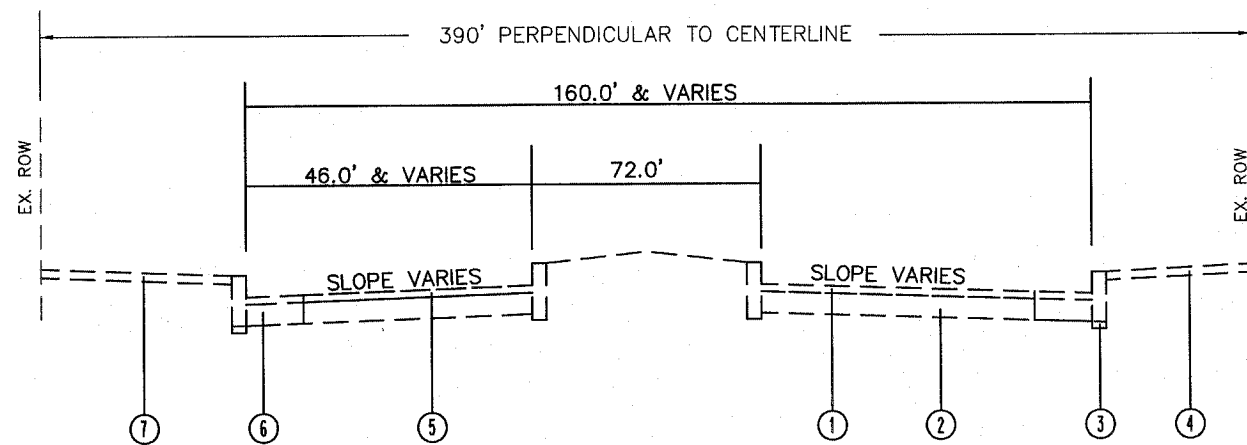
IL 159 (N. & S. ILLINOIS ST.) PROPOSED TYPICAL SECTION  
STA. 45+67.56 TO STA. 47+85.06  
STA. 50+58.34 TO STA. 52+74.58



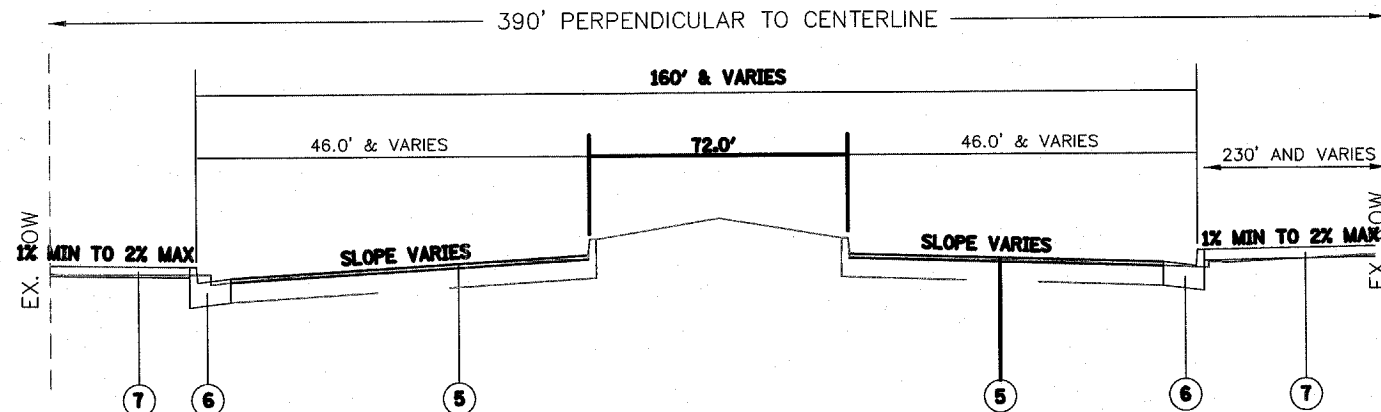
MAIN STREET (EAST & WEST) EXISTING TYPICAL SECTION  
STA. 25+76.41 TO STA. 28+26.85  
STA. 31+14.46 TO STA. 33+55.08



MAIN STREET (EAST & WEST) PROPOSED TYPICAL SECTION  
STA. 25+76.41 TO STA. 28+26.85  
STA. 31+14.46 TO STA. 33+55.08




SKEWED PUBLIC SQUARE EXISTING TYPICAL SECTION  
STA. 47+85.06 TO STA. 50+58.34 IL ROUTE 159  
STA. 28+26.85 TO STA. 31+14.46 MAIN STREET



SKEWED PUBLIC SQUARE PROPOSED TYPICAL SECTION  
STA. 47+85.06 TO STA. 50+58.34 IL ROUTE 159  
STA. 28+26.85 TO STA. 31+14.46 MAIN STREET

1. EXISTING H.M.A. SURFACE - 3"
2. EXISTING PCC PAVEMENT - 9"
3. EXISTING PCC CURB
4. EXISTING PCC SIDEWALK
5. PROPOSED MILLING AND H.M.A. SURFACE
6. PROPOSED PCC CURB & GUTTER B-6.18
7. PROPOSED PCC SIDEWALK

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PREPARED BY:   
PROFESSIONAL REGISTRATIONS LICENSE NO. 18400473  
ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP. 20-500596

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

TYPICAL SECTIONS  
PROJECT TITLE: DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	4
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 4 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



SIDEWALK / DRIVEWAY SCHEDULE			PCC DRIVEWAY PAVT 8	PC CONC SIDEWALK 4"	PC CONC SIDEWALK 4 SPECIAL	PC CONC SIDEWALK 6"	DETECTABLE WARNINGS
STATION	STATION	OFFSET	(SQ YD)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)
SOUTH ILLINOIS STREET (IL 159)							
46+00.1	46+17.2	RT			27		
46+00	46+20	RT		140.3			
46+00	48+04	LT		1822.7			
46+23.7	48+03.4	LT			240		
46+33.1	47+88.1	RT		1118.6	215		
46+37		RT	15.5				
NORTH ILLINOIS STREET (IL 159)							
50+50	51+46	LT			127		
50+50	51+55	LT		762		43.8	16
50+50	51+57.8	RT		841.5	140		
51+72.4	52+41.4	RT		566.8	91	43.8	16
52+04	52+41.4	LT		271.8			
52+11	52+41.4	LT			39		
PUBLIC SQUARE							
SE QUADRANT				7963.9	378	140.4	32
SW QUADRANT				2275.5		156.9	32
NE QUADRANT				7143.9	277	140.4	32
NW QUADRANT				7472.4	277	140.4	32
WEST MAIN STREET							
26+14	28+28.5	LT		1461			
26+14	28+37.7	RT		1675			
26+20.5	27+57.2	LT			182		
26+71	28+35.6	RT			219		
26+85		LT			12		
27+70.6	28+10.8	LT			54		
27+34		LT			12		
27+84		LT			12		
EAST MAIN STREET							
31+13	32+73.9	LT		1784	215		
31+07.4	32+73.9	RT		1644			
31+08.4	33+29.4	RT			296		
31+50		RT			12		
31+50		LT			12		
32+00		RT			12		
32+00		LT			12		
32+50		RT			12		
32+50		LT			12		
TOTAL			15.5	36,943	2,885	666	180

CURB AND GUTTER SCHEDULE					
STATION	STATION	OFFSET	COMB CC&G TY B6.18 (FOOT)	COMB CC&G TY B SPL (FOOT)	CONC CURB (FOOT)
SOUTH ILLINOIS STREET (IL 159)					
46+00	48+04	LT	205.5		
46+00	47+89	RT	189.5		
NORTH ILLINOIS STREET (IL 159)					
50+50	51+55	LT	110		
50+50	52+42.7	RT	190.8		
51+49	51+69	LT	20		
51+91	52+11	LT	20		
52+03.5	52+42.7	LT	43		
PUBLIC SQUARE					
SE QUADRANT			195		113
SW QUADRANT			391.8		
NE QUADRANT			204		245.3
NW QUADRANT			177		113
WEST MAIN STREET					
26+14	28+28.5	LT	214.5	85	
27+04	28+37.7	RT	133.7		
EAST MAIN STREET					
31+25.4	32+73.9	RT		148.5	
31+25.4	32+73.9	LT		148.5	
TOTAL			2,095	382	471

PAVEMENT SCHEDULE															
STATION	STATION	OFFSET	AGGREGATE-TEMP ACCESS (TON)	BIT MATLS PR CT (GALLON)	AGG PR CT ACCESS	HMA SURF REM BUTT JT (SQ YD)	TEMP RAMP (SQ YD)	LEV BIND MM N70 (TON)	HMA SC "D" N70 (TON)	HMA SURF REM VAR DP (SQ YD)	PVT PATCHING (FD) (SQ YD)	PCC BASE CSE W 8 (SQ YD)	AREA REFLTV CRACK CONTROL TREAT (SQ YD)	CONC MED TSM4.18 (SQ FT)	BIT PAVT IMPRINTING (SQ YD)
SOUTH ILLINOIS STREET (IL 159)															
46+00	47+81.48	RT/LT	10	90	1.8	147	49	32	77	456			888		
47+94	48+03	RT/LT													42
NORTH ILLINOIS STREET (IL 159)															
50+58.39	52+41.70	RT/LT	10	90	1.8	147	49	28	78	488			898		38
50+38	50+45	RT/LT												295	
51+65.5	51+94	LT													
PUBLIC SQUARE															
SE QUADRANT			10	97	1.9			12	84	123			972		
SW QUADRANT			10	97	1.8				76	405			881		
NE QUADRANT			10	88	1.9			15	84	154			970		
NW QUADRANT			10	93	1.9			9	81	131			930		
WEST MAIN STREET															
27+04	28+19.37	RT/LT	20	60	1.2	147	49	19	51	347			584		
28+33	28+42	RT/LT													42
28+50		28' RT									17				
EAST MAIN STREET															
31+28.83	32+75	RT/LT	20	60	1.2	120	40	21	51	375			585		
30+95	31+04	RT/LT													40
31+56	32+25	RT										76			
TOTAL			100	675	13.5	581	187	136	582	2479	17	76	6708	295	162

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PROFESSIONAL REGISTRATIONS LICENSE NO. 184-00473  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-500086  
PROFESSIONAL ENGINEERING CORP.

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SCHEDULES

PROJECT TITLE: DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

SHEET TITLE: 5

DESIGNED BY: TJM  
DRAWN BY: CHA/DWK  
CHECKED BY: TJM  
DATE OF PRELIMINARY: 08/20/2007  
DATE OF FINAL: 09/13/2007

SHEET NO. 5 OF 48 SHEETS  
PROJECT NUMBER 07-0041

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PAVEMENT MARKING			THPL PVT MK LTR & SYM	THPL PVT MK LINE 4 (FOOT)			THPL PVT MK LINE 8 (FOOT)			THPL PVT MK LINE 12 (FOOT)		RAISED REFL PAVT MKR (EACH)
STATION	STATION	OFFSET	(SQ FT)	SOLID WHITE	SOLID YELLOW	SKIP-DASH YELLOW	SOLID YELLOW	SOLID WHITE	SKIP-DASH WHITE	SOLID YELLOW	SOLID WHITE	
SOUTH ILLINOIS STREET (IL 159)												
46+00	47+91	RT		191.0								
46+07		STOP BAR									23.0	
46+07	47+03	RT/LT			192.0							
46+08	47+03	LT		95.0								
46+08	48+43	RT/LT										14.0
46+34		LT	9.0									
46+74		LT	9.0									
46+94		LT	11.7									
47+03	47+78	RT/LT			176.0							
47+03	48+42	RT/LT								103.0		
47+53	47+88	RT									29.0	
47+91		XWALK						44.0				
48+00		XWALK						46.0				
48+01	48+44	RT/LT			86.0							
48+31	48+39	RT	15.3									
48+42		RT/LT					35.0					
48+44	48+65	LT				6.0						
48+44	48+66	RT							12.0			
NORTH ILLINOIS STREET (IL 159)												
49+75	49+97	RT				6.0						
49+76	49+96	LT							10.0			
49+96	50+37	RT/LT			82.0							
49+96	52+35	RT/LT										18.0
49+98		RT/LT					35.0					
49+98	50+07	LT	15.3									
49+98	51+84	RT/LT								125.0		
50+37		XWALK						47.0				
50+46		XWALK						44.0				
50+46	52+36	RT/LT			380.0							
50+46	51+41	LT									40.0	
50+46	51+42	LT		96.0								
50+65	52+36	RT		171.0								
50+75		RT	11.7									
50+93		RT	9.0									
51+50		RT	9.0									
52+08		RT	9.0									
52+36		STOP BAR									22.0	
WEST MAIN STREET												
26+44		RT/LT	11.7									
27+18	27+47	RT/LT			60.0							
27+18	28+82	RT/LT		166.0								
27+29	28+89	RT/LT										9.0
27+47	28+88	RT/LT			282.0					114.0		
28+33		XWALK						44.0				
28+42		XWALK						45.0				
28+78	28+86	RT	15.3									
28+87		RT/LT					35.0					
28+88	29+05	RT							10.0			
28+89	29+09	LT				6.0						
EAST MAIN STREET												
30+19	30+40	RT				6.0						
30+20	30+41	LT							12.0			
30+41	32+40	RT/LT										10.0
30+40	31+82	RT/LT			284.0					116.0		
30+42		RT/LT					35.0					
30+44	30+53	LT	15.3									
30+94		XWALK						43.0				
31+04		XWALK						42.0				
31+24	31+97	RT		74.0							38.0	
31+26	31+97	LT		72.0							31.0	
31+82	32+74	RT/LT			184.0							
31+97	32+77	RT/LT		52.0								
TOTAL			141	917	1,726	24	140	355	44	458	183	51

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PROFESSIONAL REGISTRATIONS LICENSE NO. 194-00473  
ILLINOIS PROFESSIONAL DESIGN FIRM 26-500086  
PROFESSIONAL ENGINEERING CORP.

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SCHEDULES

PROJECT TITLE:  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	6
DATE OF FINAL: 09/13/2007	
SHEET NO. 6 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

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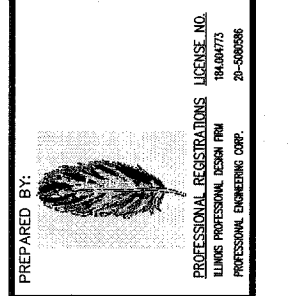
P:\07-0041 Belleville Square.dwg 8/20/2007 2:45:48 PM CDT

CONTRACT NO. 97322  
SECTION NO. 06-00196-01-SW

REMOVAL SCHEDULE			TEMP CONC BARRIER REM	TREE REMOV 6-15	TREE REMOV UNDER 6	COMB CURB GUTTER REM	SIDEWALK REM	DOM WAT SER BOX REM	RAISED REF PYT MK REM	REMOV EX HANDHOLE	REMOV TELEPHONE KIOSK	PLANTER REMOVAL	REMOV & RELOC HIST MARKER		
STATION	STATION	OFFSET	(FOOT)	(UNIT)	(INCH DIA)	(FOOT)	(SQ FT)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)		
SOUTH ILLINOIS STREET (IL 159)															
46+00	47+89	RT				189.5	1682		13						
46+00	48+04	LT				205.5	2049								
NORTH ILLINOIS STREET (IL 159)															
50+50	51+55.5	LT				110	653								
50+50	51+57.8	RT					970								
50+58.39	52+42								14						
50+50	52+42	RT				190.8									
51+49	52+11	LT				102									
51+64.6	51+93.2	LT					182.5								
51+72.4	52+41.4	RT					675								
52+03.5	52+42.7	LT				43	410								
PUBLIC SQUARE															
SE QUADRANT						195	8245					2	1		
46+11		43' / 53' RT													
46+12		100' RT													
46+24		120' RT													
48+43		120' RT													
SW QUADRANT						391.8	2390								
NE QUADRANT						204	7962					2			
49+75		63' RT	24												
49+95		120' RT													
50+05		58' RT													
50+13		120' RT													
50+29		120' RT													
50+29		102' RT													
50+29		83' RT													
50+30		43' RT													
50+30		52' RT													
50+46		29.7' RT													
NW QUADRANT						177	8137					2			
49+70		100' LT													
50+13		120' LT													
50+30		100' LT													
50+30		80' LT													
WEST MAIN STREET															
26+14	28+26.5	LT				214.5	1844								
26+14	28+37.7	RT				133.7	1929								
27+15		25' RT													
27+39		25' RT													
27+61		25' RT													
27+78		25' LT													
28+03		25' LT													
28+08		25' RT													
28+45		50' / 40' LT													
EAST MAIN STREET															
31+07.4	32+73.9	RT				146.5	1721								
31+13	32+73.9	LT				146.5	1750								
31+26.83	32+75	RT													
31+26.83	32+75	LT													
31+50		25' LT													
32+00		25' LT													
TOTAL			24			120	20	2453.8	40,600	6	27	1	1	7	1

DRAINAGE AND WATER SCHEDULE			TRENCH DRAIN	TRENCH DRAIN SPL	WATER SERV LINE 1	WATER SERV LINE 2	WATER SERV LINE 4	2" RPZ ASSEMBLY	ROOF DRAIN COLL NET	CLEANOUT SP 4	MAN ADJ NEW TIF CL	RM RPL CONC INLET LID	YARD HYDRANT (FP)						
FROM STATION	OFFSET (FOOT)	TO STATION	OFFSET (FOOT)																
STATION		STATION	STATION	(FOOT)	(LIN FT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(FOOT)	(EACH)	(EACH)	(EACH)						
SOUTH ILLINOIS STREET (IL 159)																			
45+88		46+75								86.7									
46+67	18.0' RT										1								
46+75	LT								4.7										
46+75		47+23							48.1										
47+00	31.2' RT												1						
47+00	32.9' LT												1						
47+00	31.2' RT	48+07	31.8' RT						107										
47+00	32.9' LT	48+07	32.5' LT						107										
47+12	RT																		
47+22	LT																		
47+23		47+71							4.7	1									
47+71	LT								47.8										
48+06	35' RT	48+06	125' RT						4.7	1									
48+07	31.8' RT	48+07	35.4' LT	10					88	1									
NORTH ILLINOIS STREET (IL 159)																			
50+28	34.1' RT	50+28	34.1' LT						69										
50+62	34.0' RT									1									
51+23	RT											1							
51+64	18.0' RT										1								
PUBLIC SQUARE (OFFSET CL OF MAIN STREET ALIGNMENT)																			
SE QUADRANT																			
29+06	113.4' RT	30+82	31.7' RT																
30+03	101.9' RT	30+07	105.2' RT				4		122										
30+07	105.2' RT												1						
30+07	105.2' RT	30+07	117.1' RT																
30+37	64.5' RT	30+39	66.4' RT				2												
30+38	65.4' RT												1						
30+82	39.2' RT												1						
30+82	31.7' RT	30+82	39.1' RT				8												
SW QUADRANT																			
28+48	30.8' RT	29+29	113.2' RT							18.9									
28+92	76.3' RT	28+95	74.1' RT				3		118										
29+95	74.1' RT												1						
NE QUADRANT																			
29+08	106.5' LT	30+82	31.0' LT																
29+09	106.5' LT	30+06	106.5' LT				7		133										
30+06	106.5' LT												1						
30+36	64.7' LT	30+38	64.7' LT				2												
30+37	64.7' LT												1						
30+82	38.3' LT												1						
30+82	31' LT	30+82	38.3' LT				8												
NW QUADRANT																			
28+35	39.0' LT	28+42	39.0' LT																
28+45	50.0' LT																		
28+50	31.8' LT	28+50	39.4' LT				8												
28+50	31.8' LT	29+30	108.2' LT						116										
28+51	39.4' LT												1						
28+91	65.8' LT	28+93	63.9' LT				2												
28+92	64.9' LT												1						
29+23	108.2' LT												1						
29+23	108.2' LT	29+30	108.2' LT				7												
WEST MAIN STREET																			
27+21	RT								9.2										
27+60	LT								9.6										
27+69	RT								9.2										
27+75	31.3' RT	28+48	31.4' RT																
27+75	31.8' LT	28+48	31.5' LT						73										
27+76	31.3' RT								73										
27+78	31.8' LT												1						
28+25	RT									18.9									
28+28	LT & RT											2							
28+48	30.8' RT	28+48	31.5' LT						62										
EAST MAIN STREET																			
30+82	30.3' RT	30+82	31.0' LT						62										
30+82	30.7' RT	31+89	32.8' RT							117									
30+82	29.7' LT	31+89	32.3' LT							117									
31+11	LT & RT											2							
31+09	32.8' RT												1						
31+09	32.4' LT												1						
TOTAL									37.6	9.6	61	594	740	1	322.5	4	2	5	16

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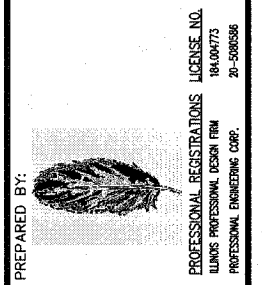


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Δ	08/29/2007	FIRST REVIEW
Δ	XX/XX/XX	XXXXXXXX
Δ	XX/XX/XX	XXXXXXXX

SCHEDULES  
 PROJECT TITLE:  
 DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
 CITY OF BELLEVILLE  
 ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	7
DRAWN BY: CIA/DWK	
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. <u>7</u> OF <u>48</u> SHEETS PROJECT NUMBER 07-0041	

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REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SCHEDULES

PROJECT TITLE: DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

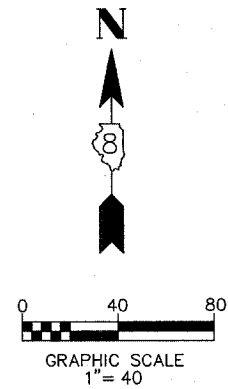
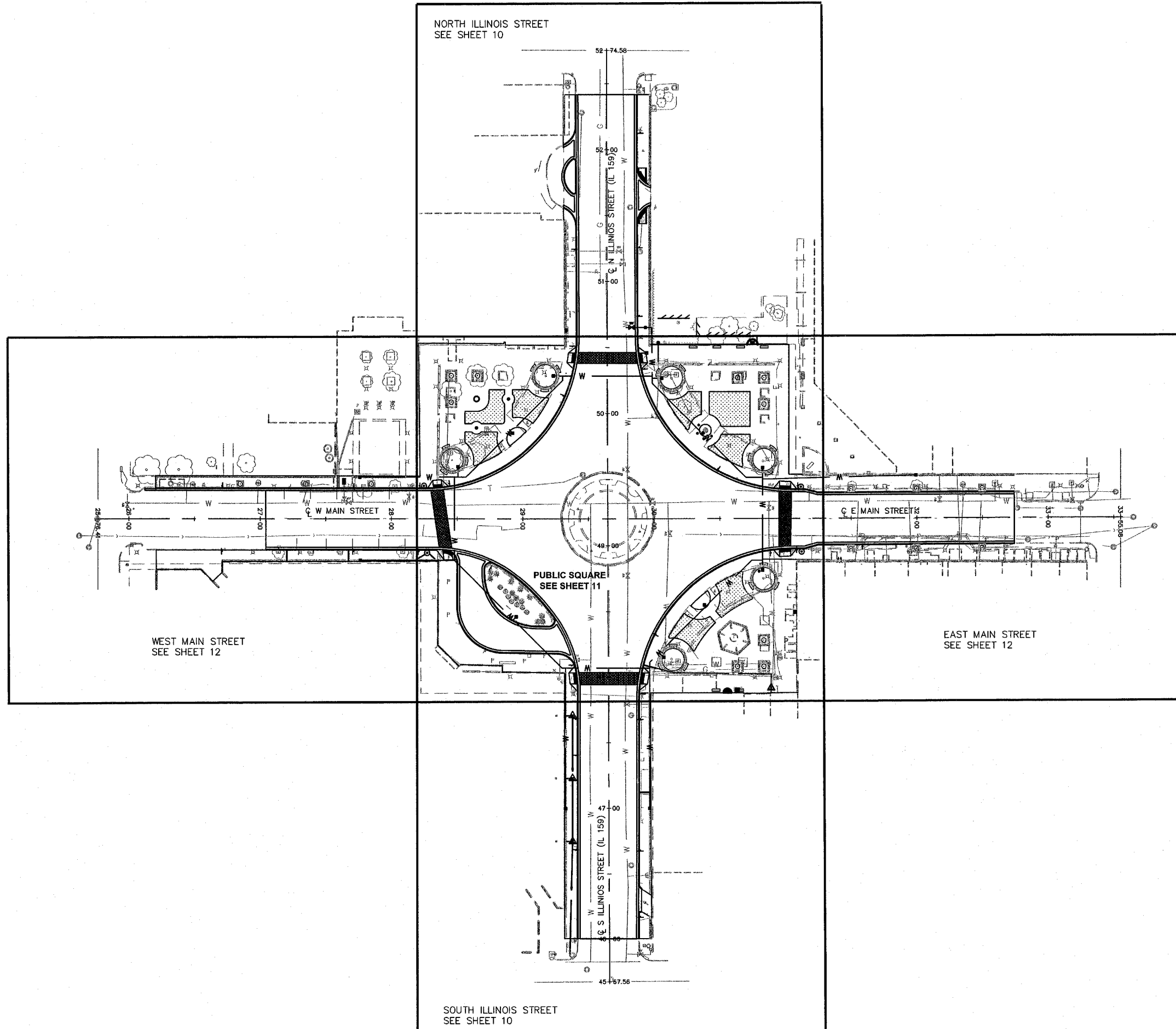
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DRAWN BY: CHA/DWK	8
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 8 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

STATION	STATION	OFFSET	BOLLARD	ORNAMENTAL SIGN POST	RELOC SIGN PANEL T1	REMOV SIGN PANEL T1	SIGN PANEL T1	SIGN PANEL TYPE 1 FRAME	SIGN FRAME	NOTES/DESCRIPTIONS
		(EACH)	(EACH)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(SQ FT)	(H x W)	
<b>SOUTH ILLINOIS STREET (IL 159)</b>										
46+17		RT			3			3	18 X 12	REL SNOW ROUTE AND NO PARKING FROM 46+50 ON LIGHT POLE, FRAME FOR NO PARKING
46+50		RT				3				REM SNOW ROUTE AND NO PARKING
46+58		RT			6					REL LOADING ZONE, TOW AWAY, LOW CLEARANCE ON LIGHT POLE, NO FRAMES
46+58		LT			2.25	2.25		2.25	18 X 18	REM & REL NO PARKING ON LIGHT POLE WITH FRAME
47+00		RT				6				REM LOADING ZONE, TOW AWAY, LOW CLEARANCE
47+40		RT				2				REM LOADING ZONE, TOW AWAY
47+40		LT		1	4.17			4.17	30 X 20	REL SPEED LIMIT TO DECORATIVE POST WITH FRAME
47+68		RT			2					REL LOADING ZONE, TOW AWAY TO LIGHT POLE, NO FRAMES
47+68		LT			7.00			7.00	18 X 12	REL SOUTH, ILLINOIS 159, NO PARKING TO LIGHT POLE, FRAME FOR NO PARKING
47+70		LT				11.83				REM SPEED LIMIT, SOUTH, ILLINOIS 159, NO PARKING
47+88		26 RT		1				3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
<b>NORTH ILLINOIS STREET (IL 159)</b>										
50+52		26 LT		1				3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
50+70		RT				10				REM NORTH, ILLINOIS 159, PARKING AHEAD
50+74		RT			10					REL NORTH, ILLINOIS 159, PARKING AHEAD ON LIGHT POLE, NO FRAMES
51+24		RT			3.68					REL SNOW ROUTE, BUS, NO FRAMES
51+24		LT			2.08					REL BUS TO LIGHT POLE, NO FRAME
51+30		LT				2.08				REM BUS
52+13		RT				14.58				REM SNOW ROUTE, JAIL, HEALTH DEPT, BUS
52+13		RT			11					REL JAIL, HEALTH DEPT, NO FRAMES ON LIGHT POLE
<b>PUBLIC SQUARE</b>										
<b>SE QUADRANT</b>										
30+01		83 RT		1			3.125	3.125	30 X 30 X 30	NEW R 1-2 ON DECORATIVE POST WITH FRAME
30+89		26 RT		1			3	3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
<b>SW QUADRANT</b>										
29+37		111 RT		1			3	3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
<b>NE QUADRANT</b>										
29+93		113 LT	4	1			3	3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
30+48		37 LT					3.125	3.125	30 X 30 X 30	NEW R 1-2 ON LIGHT POLE WITH FRAME
<b>NW QUADRANT</b>										
29+44		26 LT		1			3	3	36 X 12	NEW R 1-6 ON DECORATIVE POST WITH FRAME
29+30		83 LT		1			3.125	3.125	30 X 30 X 30	NEW R 1-2 ON DECORATIVE POST WITH FRAME
<b>WEST MAIN STREET</b>										
26+50		LT				1.5				REM NO PARKING
26+50		RT				1.5				REM NO PARKING
26+71		LT			1.5			1.5	18 X 12	REL NO PARKING ON LIGHT POLE WITH FRAME
26+71		RT			1.5			1.5	18 X 12	REL NO PARKING ON LIGHT POLE WITH FRAME
27+21		RT				1.5				REM NO PARKING
27+21		LT				1.5				REM NO PARKING
27+71		LT			1.5			1.5	18 X 12	REL NO PARKING ON LIGHT POLE WITH FRAME
27+71		RT			1.5			1.5	18 X 12	REL NO PARKING ON LIGHT POLE WITH FRAME
27+80		LT				1.5				REM 30 MIN PARKING
28+21		LT			8.33					REL ADPT HIGHWAY, BUS
28+21		37 RT					3	3	36 X 12	NEW R 1-6 ON LIGHT POLE WITH FRAME
28+30		LT				8.33				REM ADPT HIGHWAY, BUS
<b>EAST MAIN STREET</b>										
31+00		24 LT					3	3	36 X 12	NEW R 1-6 ON LIGHT POLE WITH FRAME
31+00		RT				0.25				REM ADPT HIGHWAY, SPEED LIMIT
31+00		RT					3	3	24 X 18	NEW SPEED LIMIT WITH FRAME ON LIGHT POLE
31+50		LT				1.6				REM 30 MIN PARKING
31+50		RT				1.6				REM 30 MIN PARKING
31+50		RT			3.25					REL ADPT HIGHWAY ON LIGHT POLE, NO FRAME
TOTAL			4.0	0.0	69.3	78.8	38.4	69.5		


STATION	STATION	OFFSET	T-INKGO BIL PS 3	TREE GRATES 48"	TREE GRATES 72"	SUPPLE WATERING	TOPSOIL F & P 24	CONC FDN SPL	SODDING	NITROGEN FERT NUTR	PHOSPHORUS FERT NUTR	POTASSIUM FERT NUTR
		(EACH)	(EACH)	(EACH)	(UNIT)	(SQ YD)	(CU YD)	(SQ YD)	(POUND)	(POUND)	(POUND)	
<b>SOUTH ILLINOIS STREET (IL 159)</b>												
40+13		RT										
<b>NORTH ILLINOIS STREET (IL 159)</b>												
50+25		RT/LT										
50+82		RT	1	1								
52+00		RT	1	1								
<b>PUBLIC SQUARE</b>												
SE QUADRANT			3	3	6.2	125	2.4	172	2	2	2	
NE QUADRANT			3	3	9.4	187	2.4	245	3	3	3	
NW QUADRANT			3	3	8.5	171	4.1	216	3	3	3	
<b>WEST MAIN STREET</b>												
26+85		LT	1	1								
27+35		LT	1	1								
27+85		LT	1	1								
28+48		LT										
<b>EAST MAIN STREET</b>												
30+83		RT/LT										
31+50		RT/LT	2	2								
32+00		RT/LT	2	2								
32+50		RT/LT	2	2								
TOTAL			20	11	9	24.1	483	8.9	633	8	8	8

P:\07-0041 Belleville Square\dwg\07-0041PRRD.dwg 8/16/2007 8:02:45 PM CDT

CONTRACT NO. 97322  
SECTION NO. 06-00196-01-SW



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PREPARED BY:   
 PROFESSIONAL REGISTRATIONS LICENSE NO. 18000773  
 LINDS PROFESSIONAL DESIGN FIRM  
 PROFESSIONAL ENGINEERING CORP. 20-000036

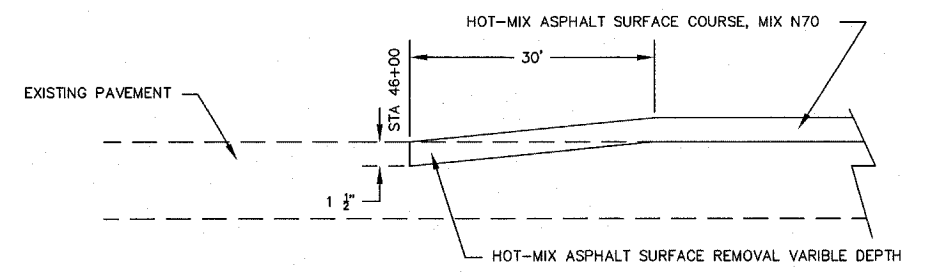
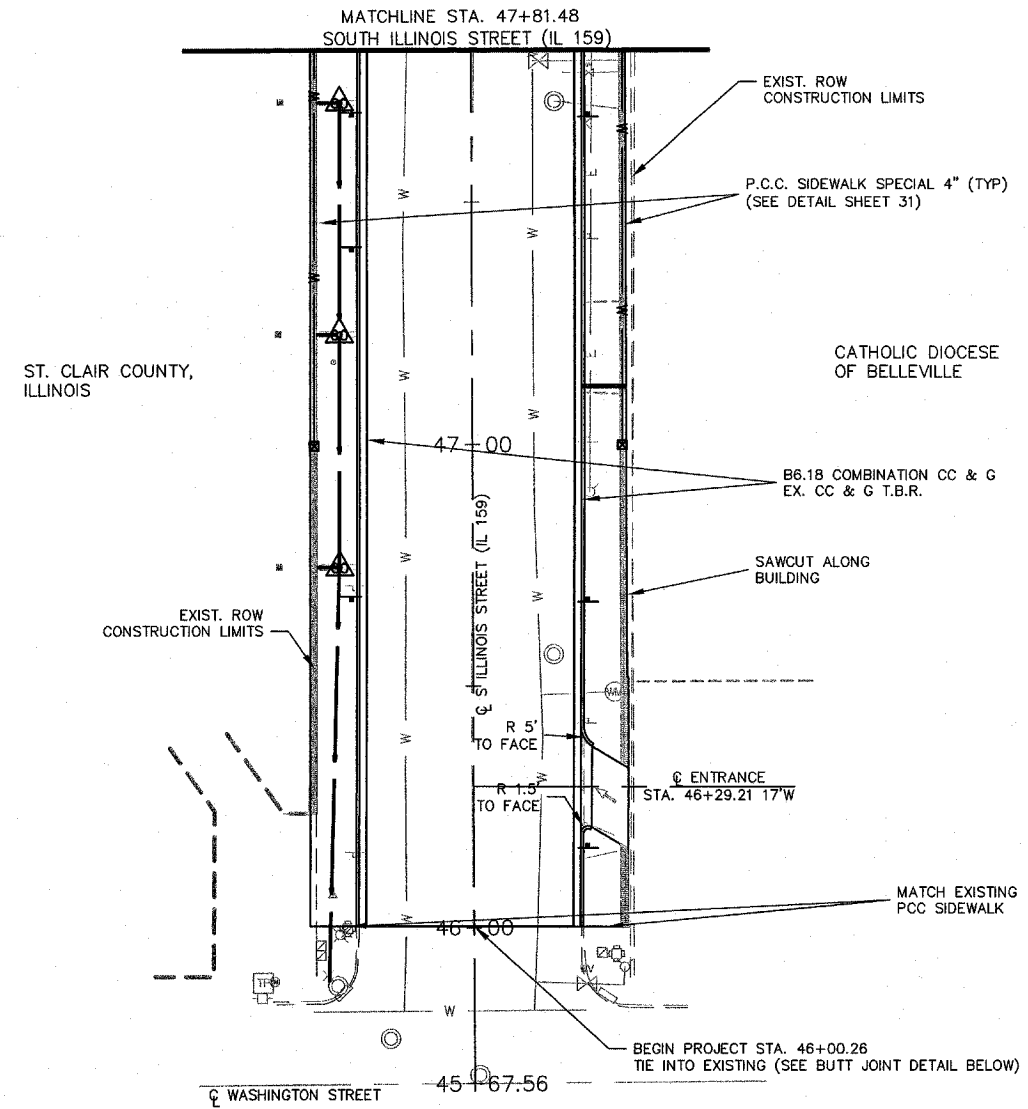
REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

ROADWAY PLAN  
INDEX OF SHEETS

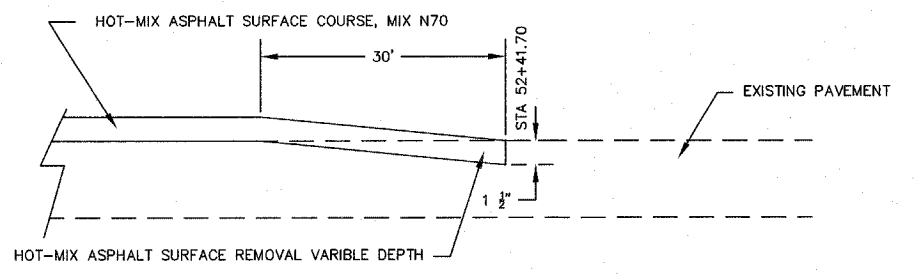
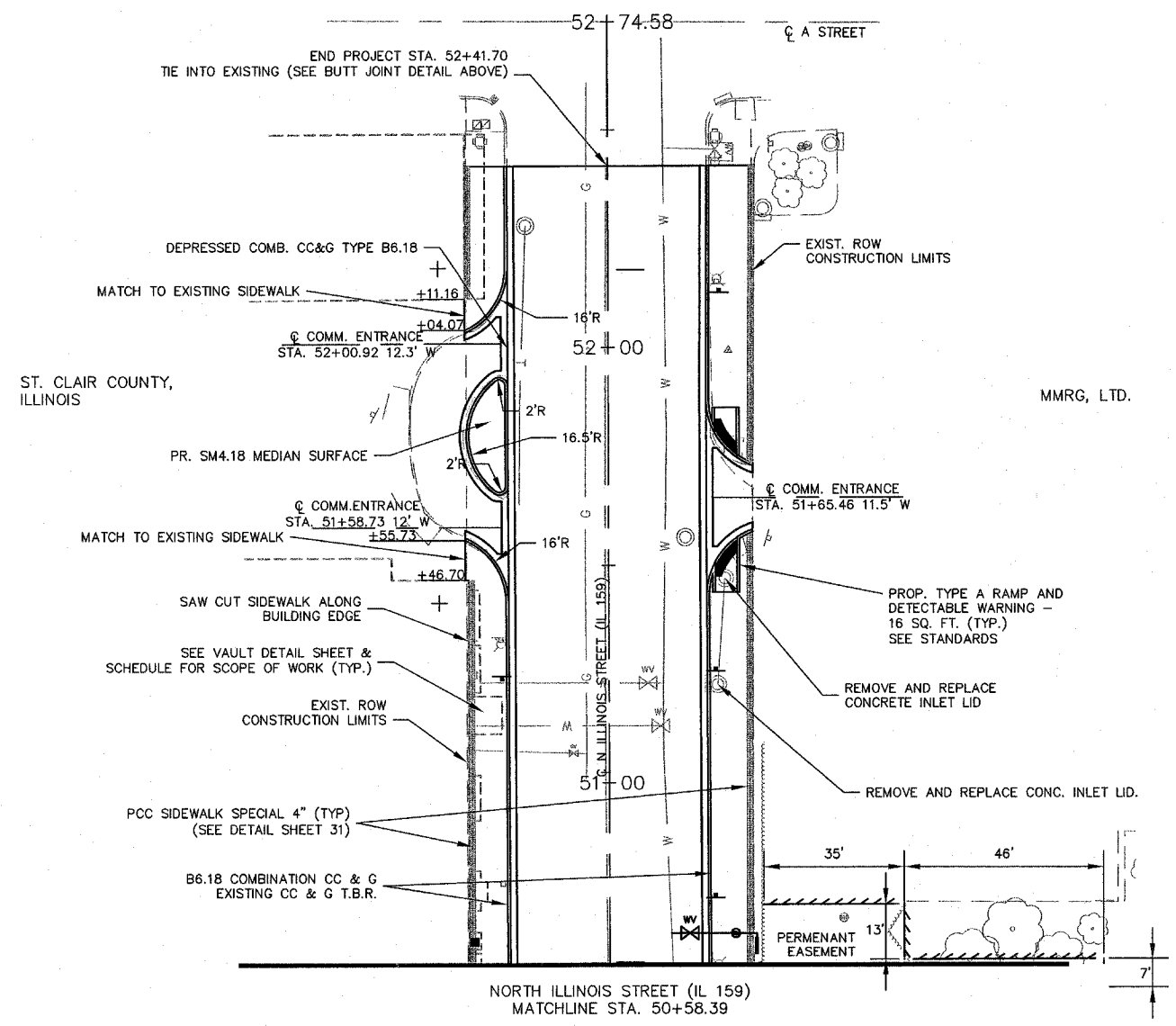
PROJECT TITLE:  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TIM	SHEET
DRAWN BY: CHA/DWK	<b>9</b>
CHECKED BY: TIM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 9 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

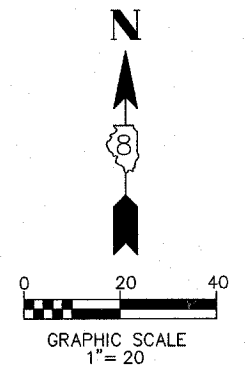
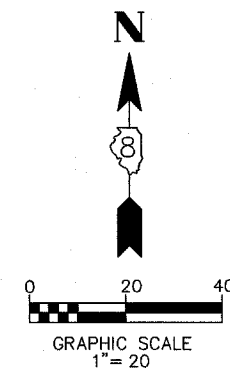




BUTTJOINT DETAIL



BUTTJOINT DETAIL



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△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

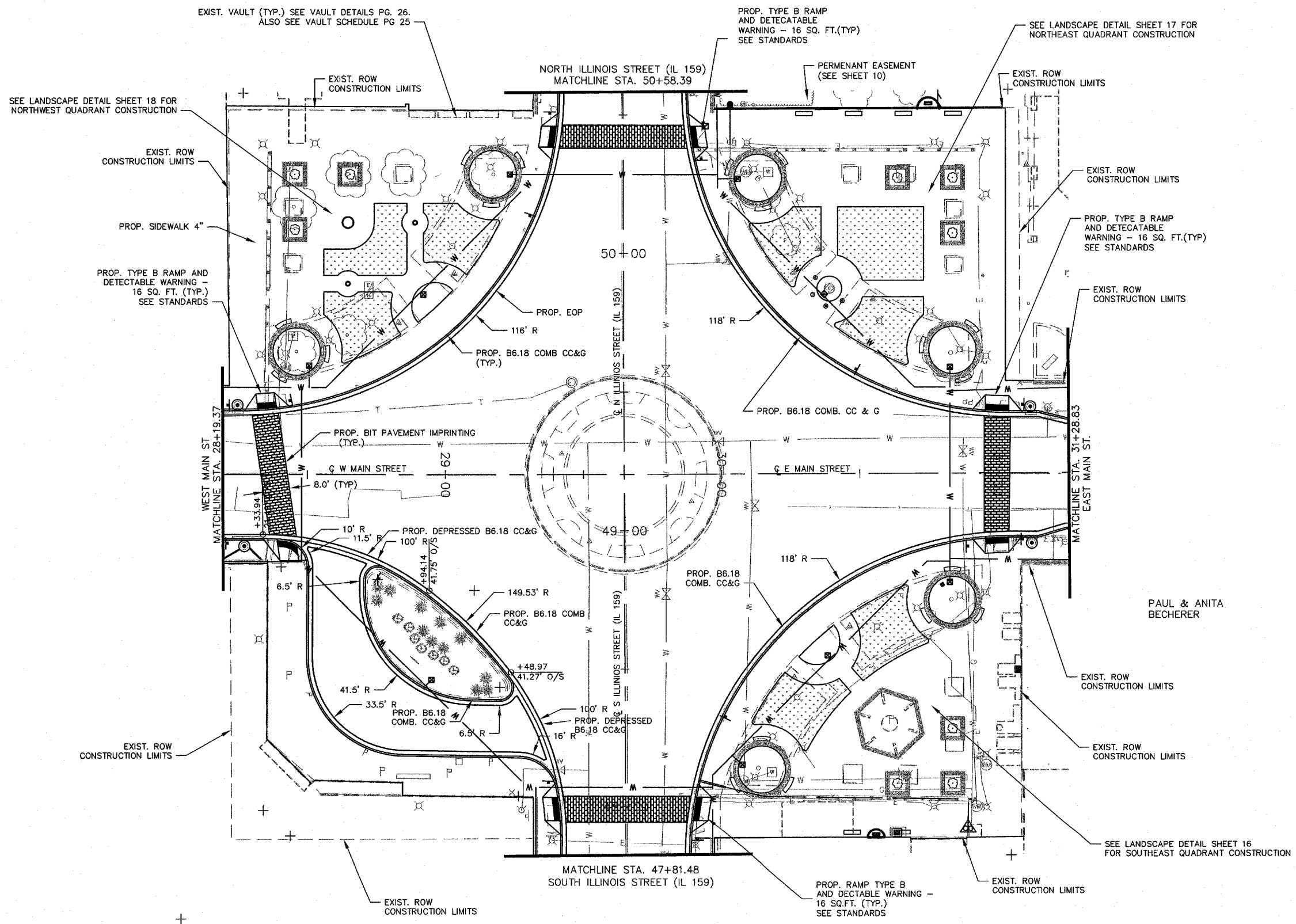
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IL RT. 159 (ILLINOIS STREET)

PROJECT TITLE: DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	10
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 10 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

ST. CLAIR COUNTY,  
ILLINOIS

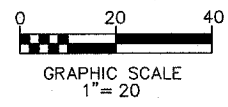
MMRG



ST. CLAIR COUNTY,  
ILLINOIS

CATHOLIC DIOCESE  
OF BELLEVILLE

PAUL & ANITA  
BECHERER



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PREPARED BY:   
PROFESSIONAL REGISTRATIONS LICENSE NO. 18400473  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-506586  
PROFESSIONAL ENGINEERING CORP.

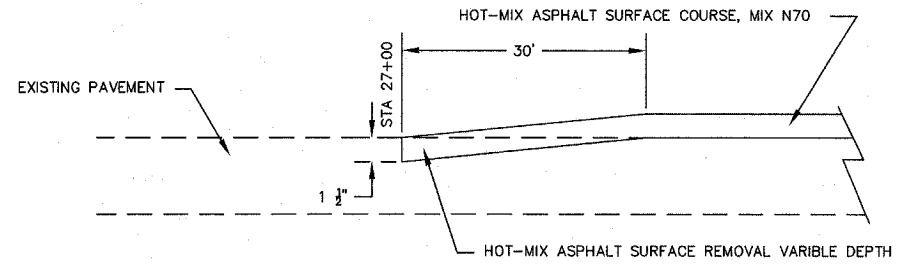
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△	08/29/2007	FIRST REVIEW
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PUBLIC SQUARE**

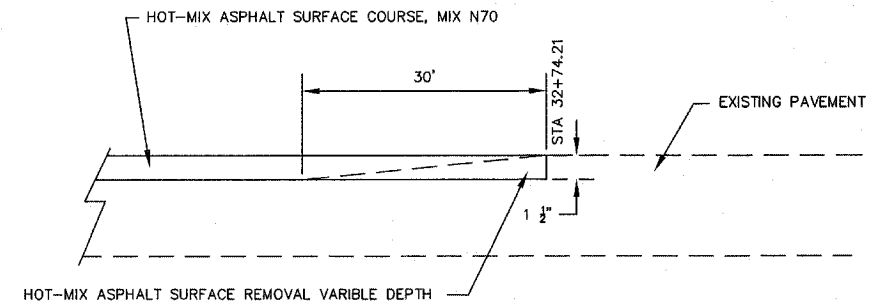
PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>11</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 11 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

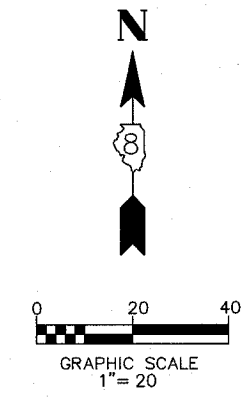
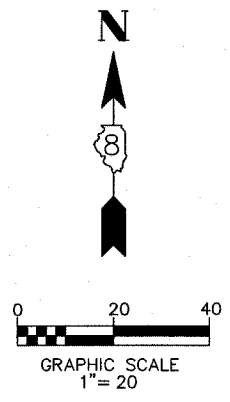
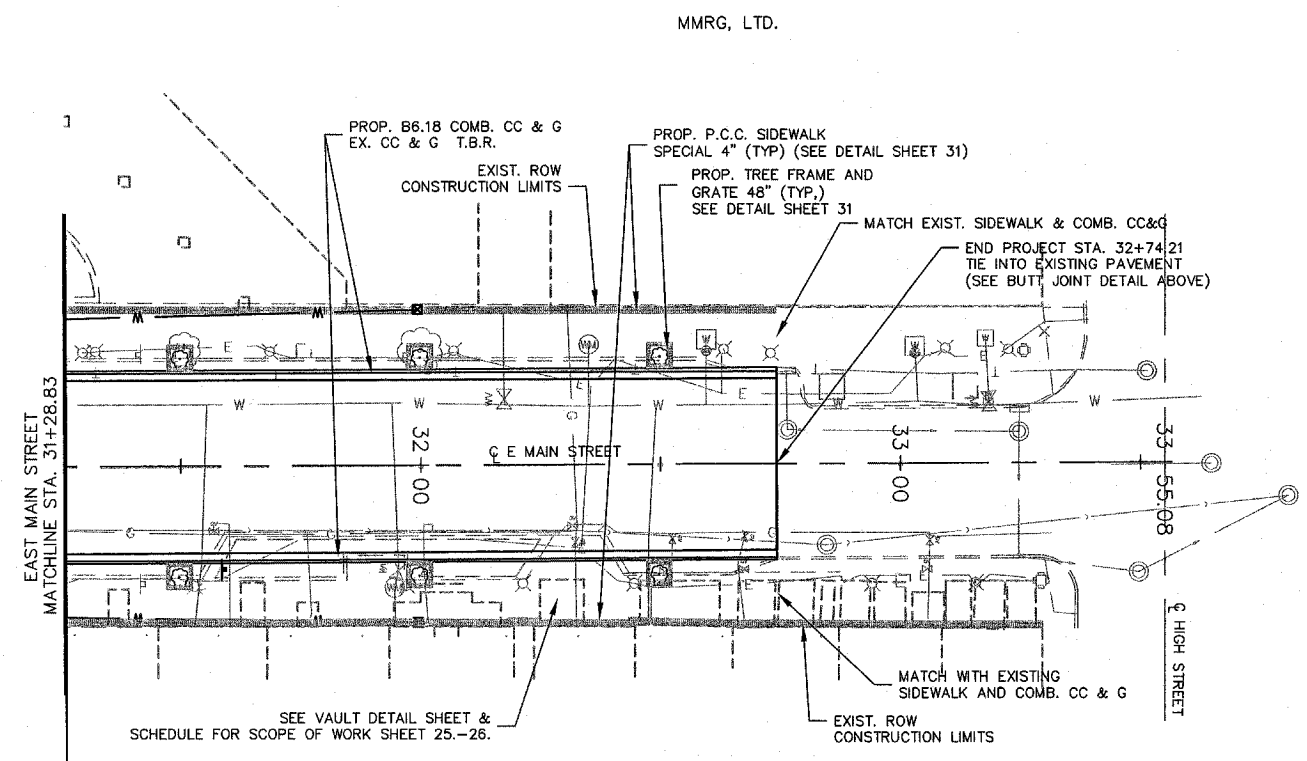
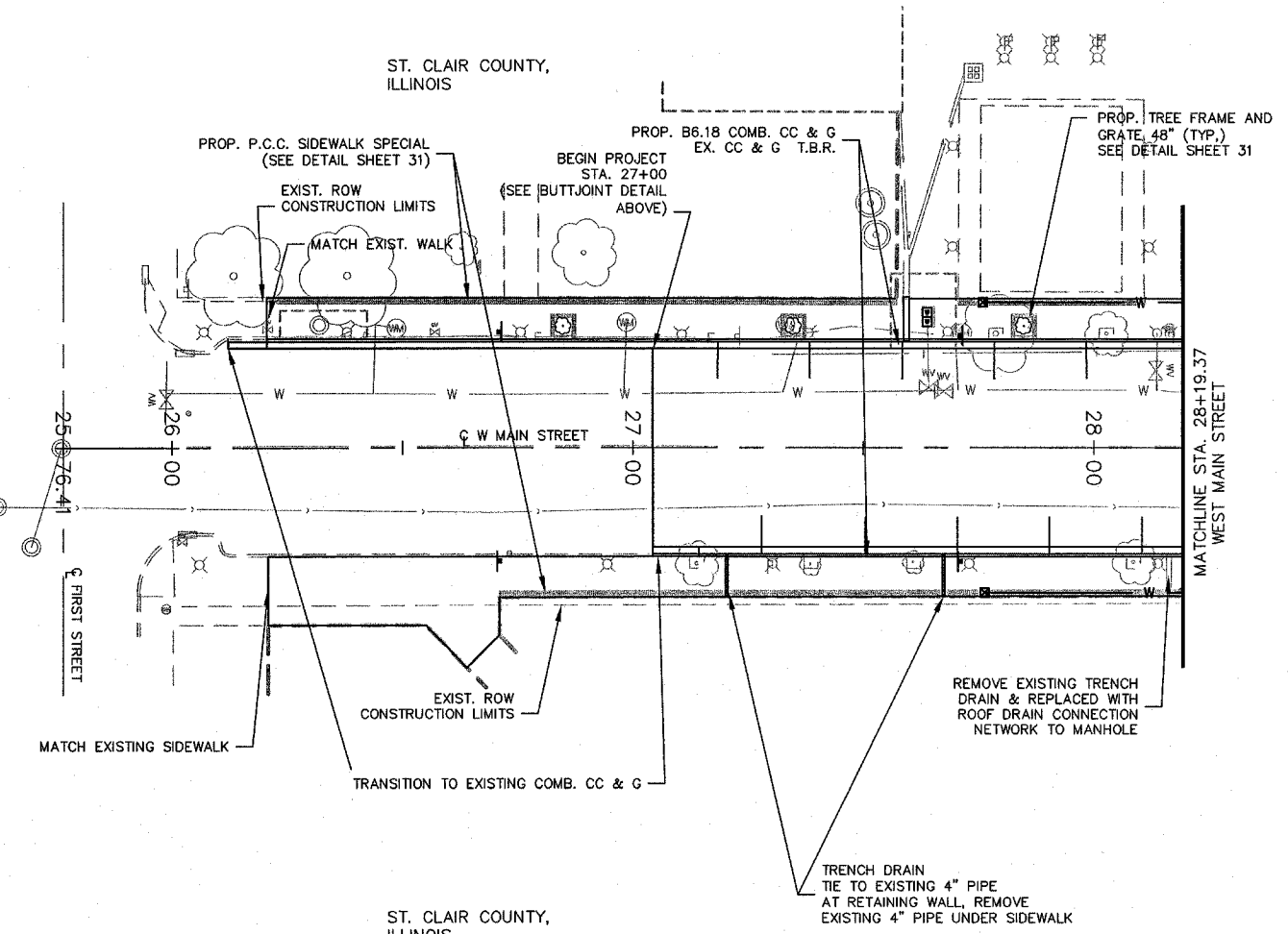
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BUTTJOINT DETAIL



BUTTJOINT DETAIL



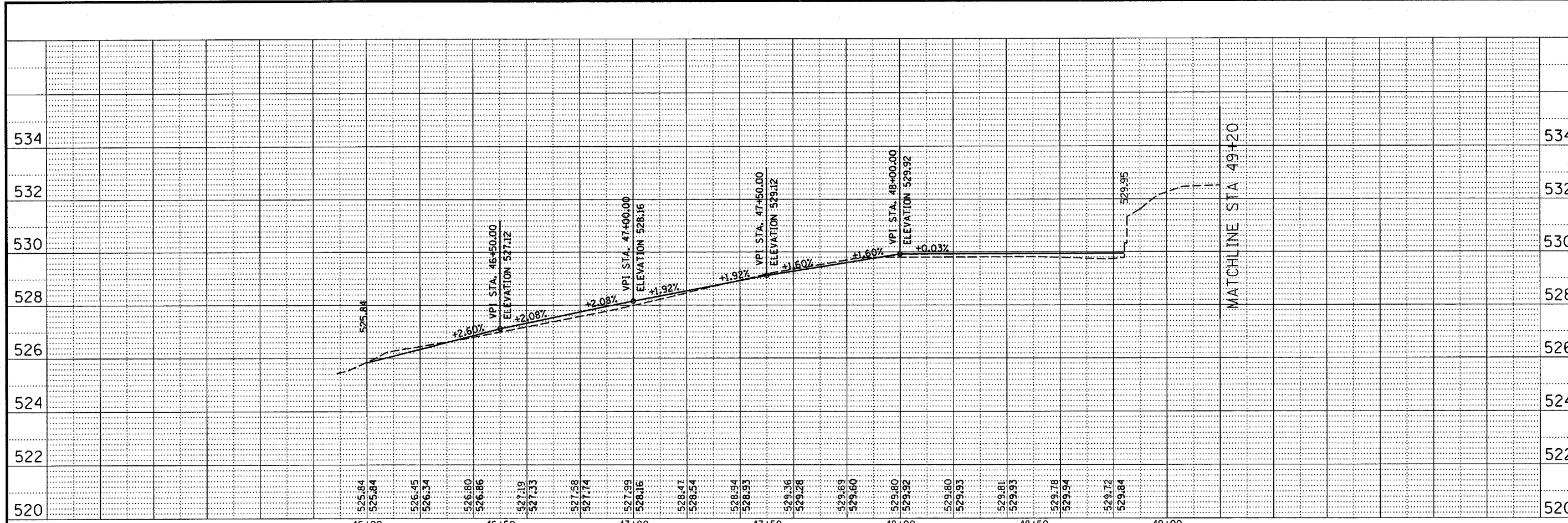
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PROFESSIONAL REGISTRATIONS LICENSE NO. 18409/776  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-506068  
PROFESSIONAL ENGINEERING CORP.

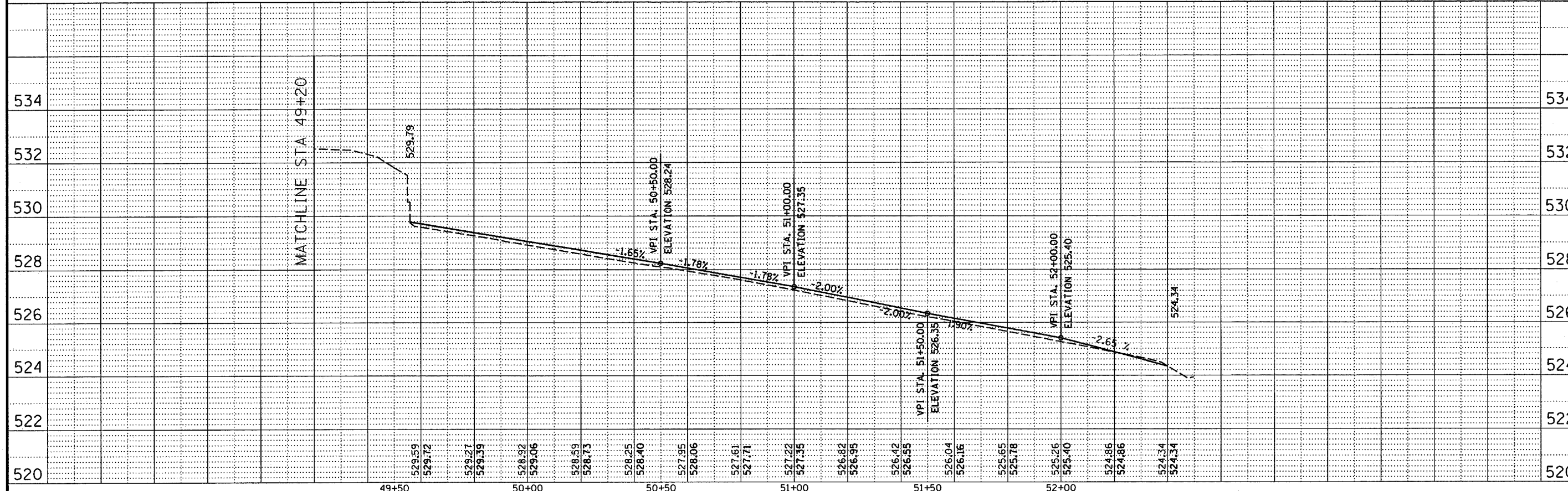
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△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: **ROADWAY PLAN MAIN STREET**  
PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2 CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>12</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 12 OF 48 SHEETS	
PROJECT NUMBER 07-0041	




SOUTH ILLINOIS STREET



NORTH ILLINOIS STREET

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LICENSE NO. 18400773  
ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP. 21-308658

REV	DATE	DESCRIP
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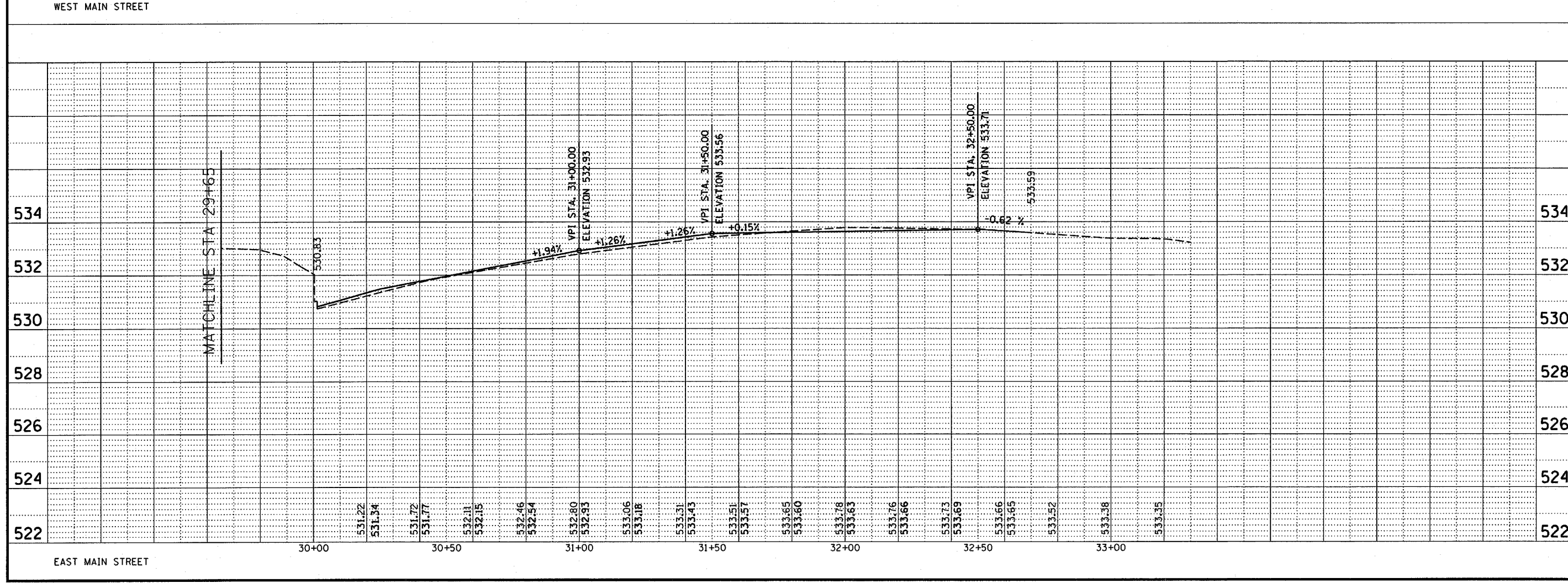
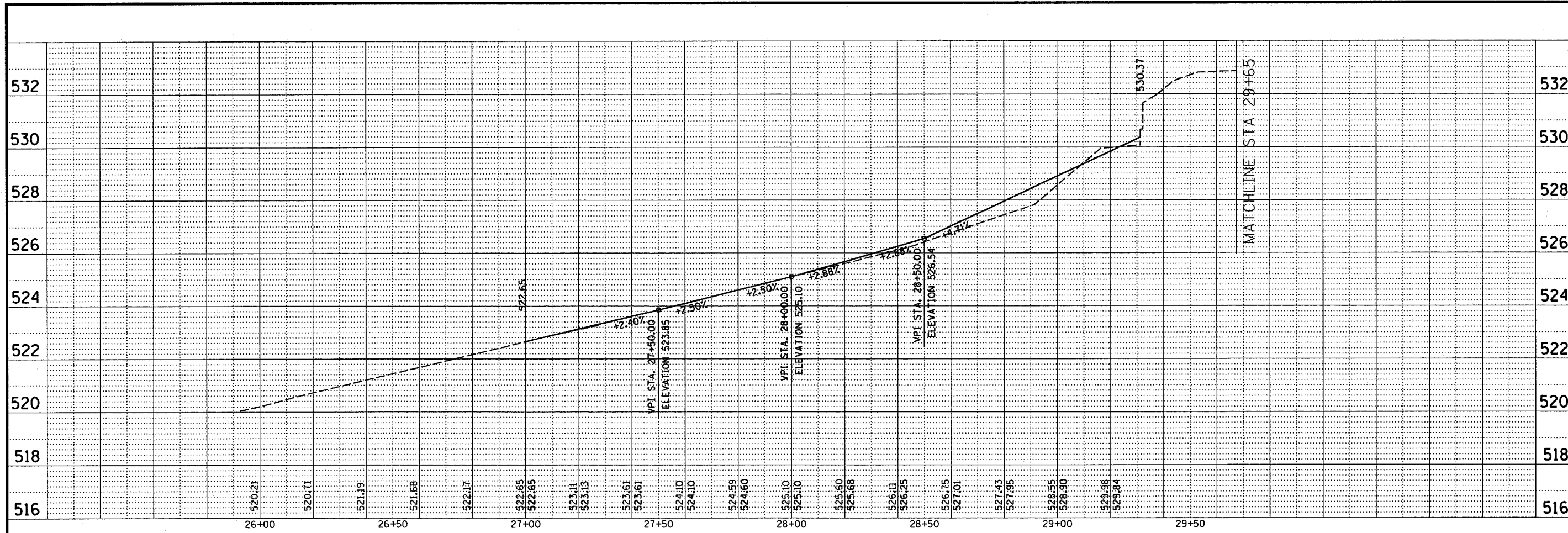
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ROADWAY PROFILES  
IL ROUTE 159 (N & S ILLINOIS STREET)  
CITY OF BELLEVILLE  
DOWNTOWN BELLEVILLE STREETScape PH2  
ST. CLAIR COUNTY, ILLINOIS


SHEET TITLE: ROADWAY PROFILES

DESIGNED BY: WJS	SHEET <b>13</b>
DRAWN BY: WJS	
CHECKED BY:	
DATE OF PRELIMINARY: 08-20-2007	
DATE OF FINAL: 9-13-2007	
SHEET NO. 13 OF 49 SHEETS	
PROJECT NUMBER 07-0041	





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PREPARED BY:   
 PROFESSIONAL REGISTRATIONS  
 LICENSE NO. 1946773  
 LICENSE NO. 20-00856

REV	DATE	DESCRIP
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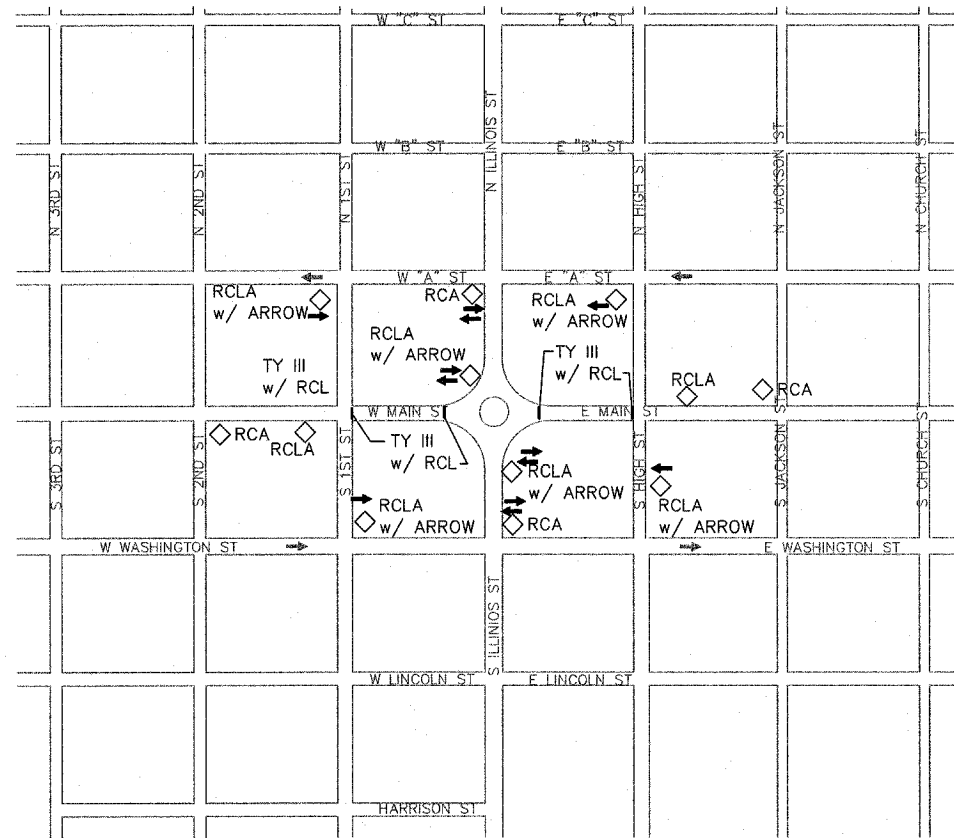
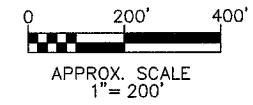
ROADWAY PROFILES  
 WEST & EAST MAIN STREET

CITY OF BELLEVILLE  
 DOWNTOWN BELLEVILLE STREETSCAPE PH2  
 ST. CLAIR COUNTY, ILLINOIS

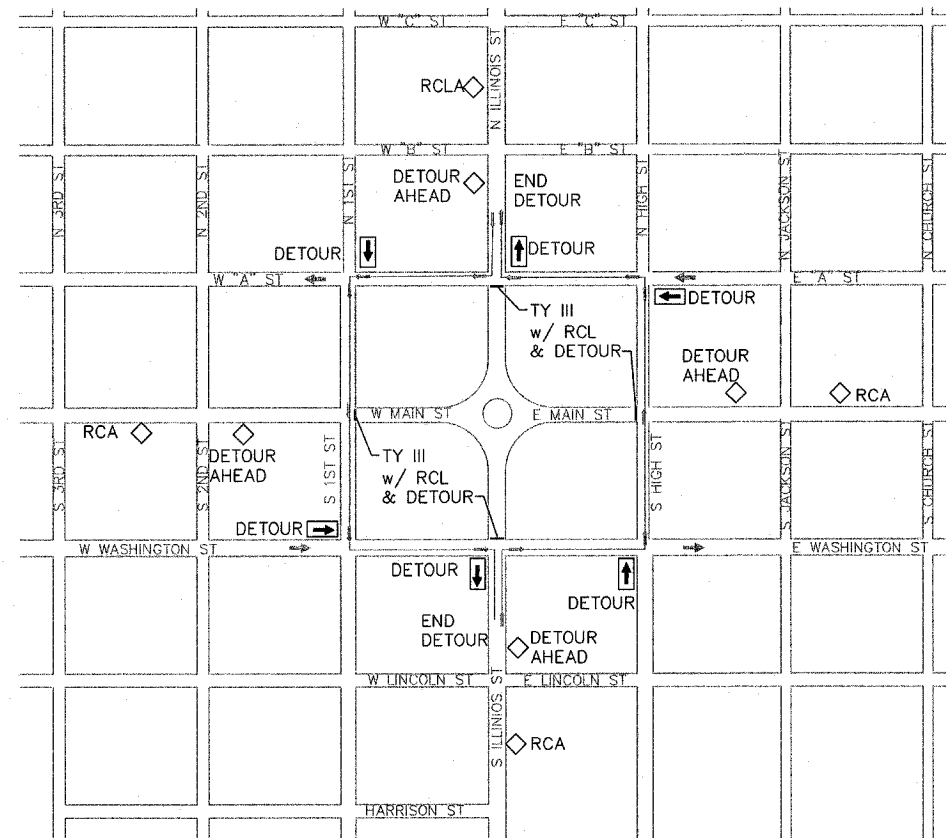
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DESIGNED BY: WJS	SHEET <b>14</b>
DRAWN BY: WJS	
CHECKED BY:	DATE OF PRELIMINARY: 08-20-2007
	DATE OF FINAL: 9-13-2007
SHEET NO. 14 OF 48 SHEETS	
PROJECT NUMBER 07-0041	





MAIN STREET CLOSURE



TEMPORARY DETOUR FOR FULL CLOSURE

TRAFFIC CONTROL & STAGING REQUIREMENTS

FULL CLOSURE: THE ENTIRE PROJECT AREA WILL BE PERMITTED TO BE CLOSED FOR A MAXIMUM OF 30 DAYS. THE CLOSURE WILL BE PERMITTED FOR THE FOLLOWING ITEMS OF WORK: CONCRETE CURB REMOVAL/REPLACEMENT, MILLING, PAVING. OTHER ITEMS MUST BE APPROVED 48 HOURS IN ADVANCE BY THE CITY. A 48 HOUR NOTICE BY THE CONTRACTOR TO PUBLIC IS REQUIRED PRIOR TO CLOSURE. PEDESTRIAN ACCESS TO ALL BUILDINGS MUST BE PROVIDED AT ALL TIMES.

MAIN STREET CLOSURE: MAIN STREET MAY BE CLOSED TO TRAFFIC IN ACCORDANCE WITH STANDARD BLR-17 AND OTHER RELATED STANDARDS. PEDESTRIAN ACCESS TO ALL BUILDINGS MUST BE PROVIDED AT ALL TIMES.

ADDITIONAL TRAFFIC CONTROL FOR ROADS AND SIDEWALKS IS REQUIRED PER THE MUTCD AND THE APPLICABLE HIGHWAY STANDARDS.

WORK BEHIND THE EDGE OF PAVEMENT MAY BE CONSTRUCTED UNDER DAY LABOR ONLY WITH LANE SHIFTS/MULTI-LANE CLOSURES, WHICH SHALL BE IN ACCORDANCE WITH STANDARDS 701006 701501, 701502, 701602, 701701 & 701801 IN SO FAR AS THEY APPLY. PEDESTRIAN ACCESS TO ALL BUILDINGS MUST BE PROVIDED AT ALL TIMES.

- SIGNS:  
 RCA - ROAD CONSTRUCTION AHEAD: W20-1 w/ LT/RT AS NEEDED  
 RCLA - ROAD CLOSED AHEAD: W20-3 w/ LT/RT AS NEEDED  
 RCL - ROAD CLOSED: R11-2  
 DETOUR AHEAD: W20-2  
 DETOUR - w/ ARROW: M4-9  
 DETOUR: ON TY III BARRICADES, M4-10, w/ LT/RT ARROW  
 END DETOUR: M4-8a  
 TY III: TYPE III BARRICADES FOR FULL CLOSURE

ALL TRAFFIC CONTROL DEVICES AND LAYOUT SHALL CONFORM TO THE MUTCD AND APPLICABLE HIGHWAY STANDARDS.

PREPARED BY:



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PROFESSIONAL REGISTRATIONS LICENSE NO. 1840473  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 PROFESSIONAL ENGINEERING CORP. 20-300086

REV.	DATE	DESCRIP
1	08/29/2007	FIRST REVIEW
2	09/20/2007	1ST REVISION
3	XX/XX/XX	XXXXXXX

TRAFFIC CONTROL PLAN

SHEET TITLE:

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2**  
**CITY OF BELLEVILLE**  
**ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	15
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	

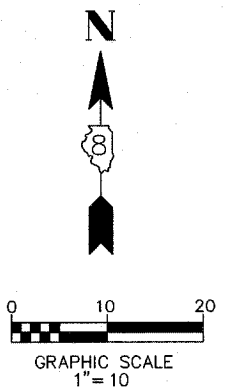
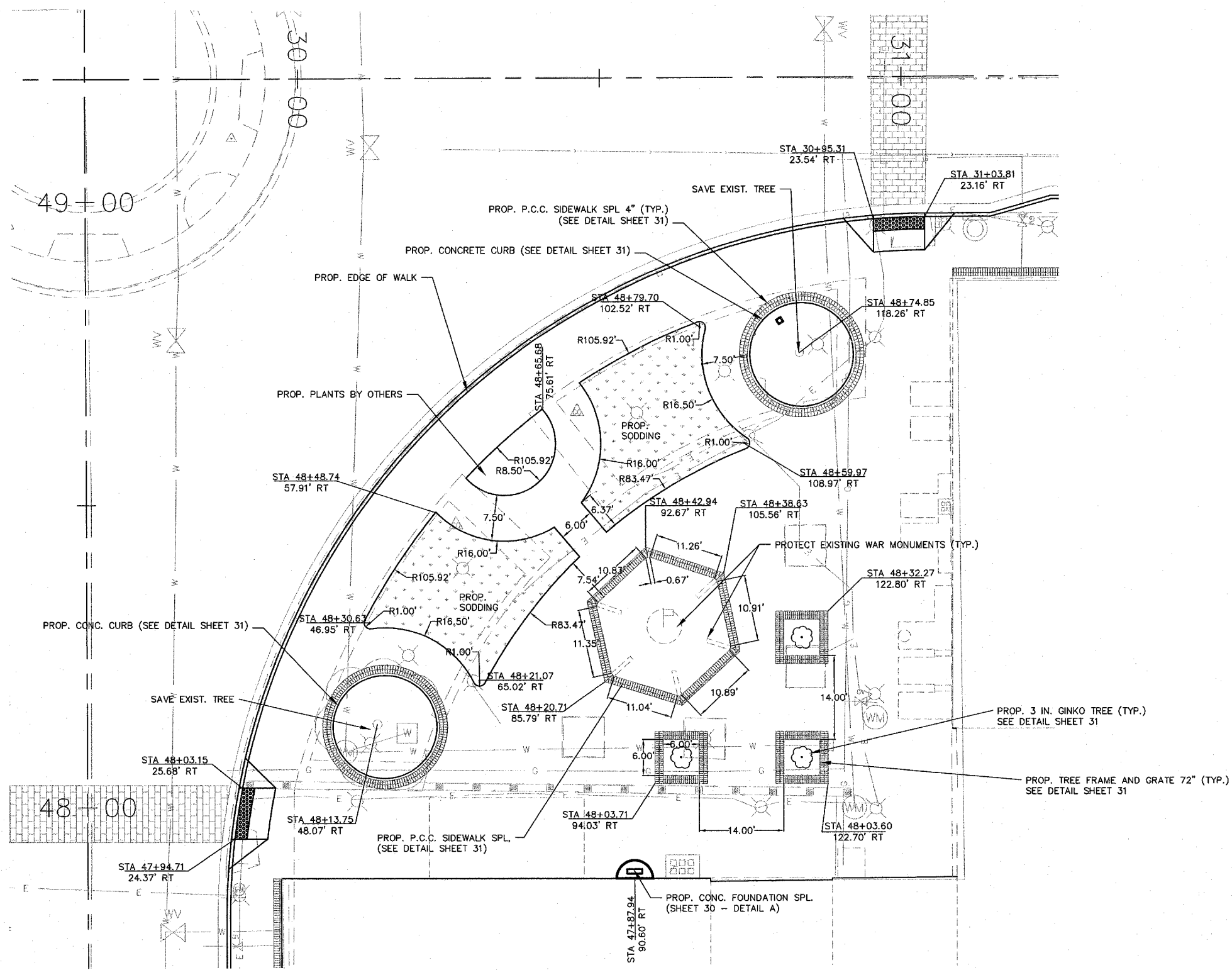
SHEET NO. 15 OF 48 SHEETS  
 PROJECT NUMBER 07-0041

REV.	DATE	DESCRIP
1	08/29/2007	FIRST REVIEW
2	XX/XX/XX	XXXXXXXX
3	XX/XX/XX	XXXXXXXX

SOUTHEAST QUADRANT  
LANDSCAPE DETAIL

PROJECT TITLE:  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	16
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 16 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

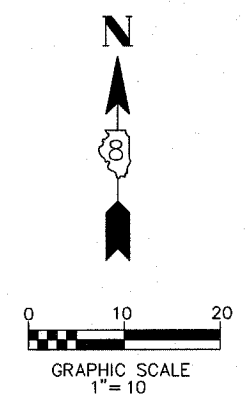
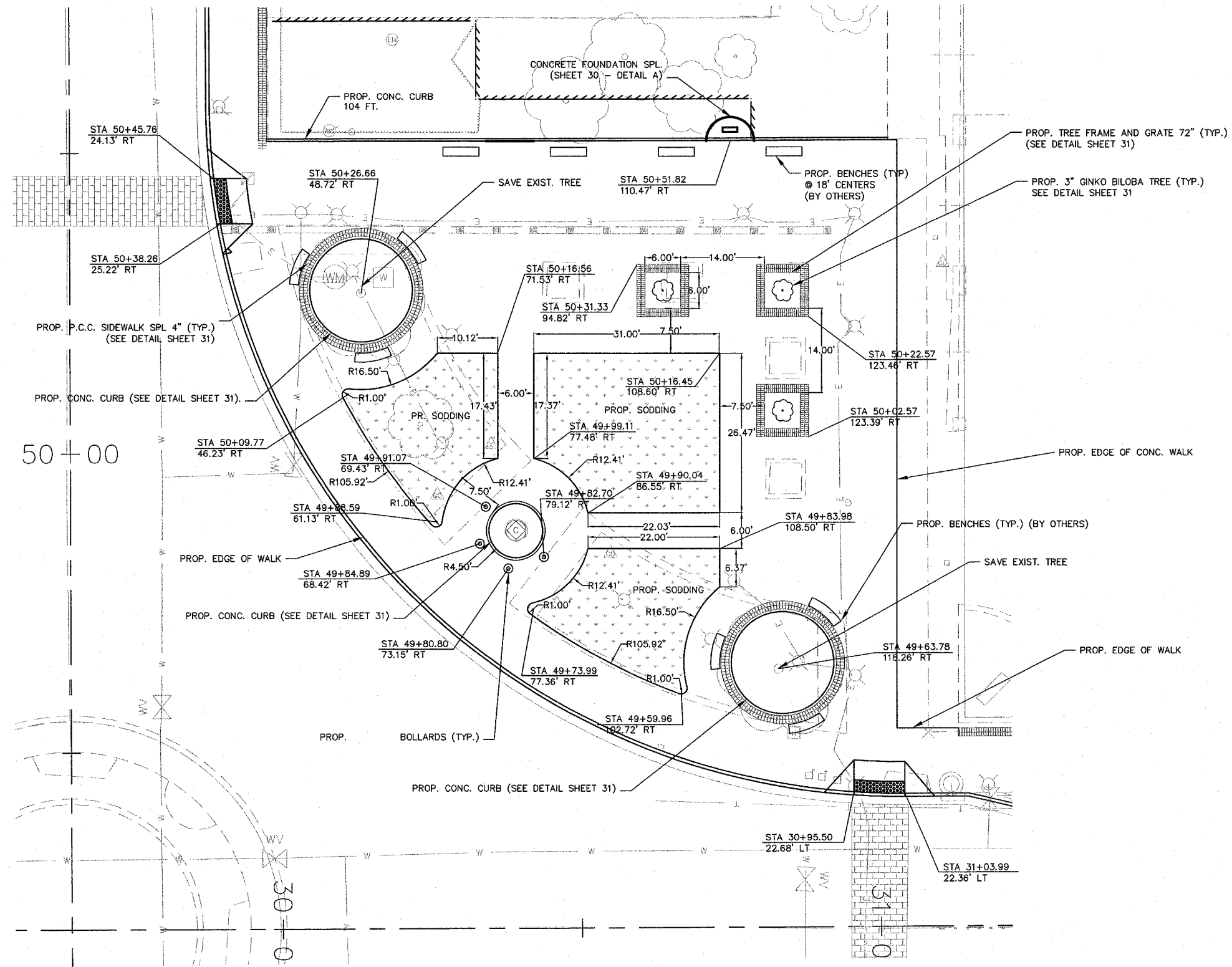


REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XXXX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE:  
**NORTHEAST QUADRANT  
LANDSCAPE DETAIL**

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>17</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 17 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

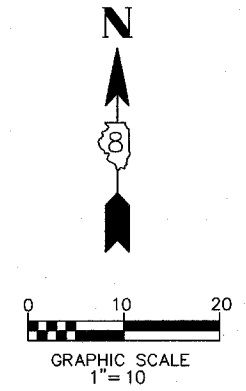
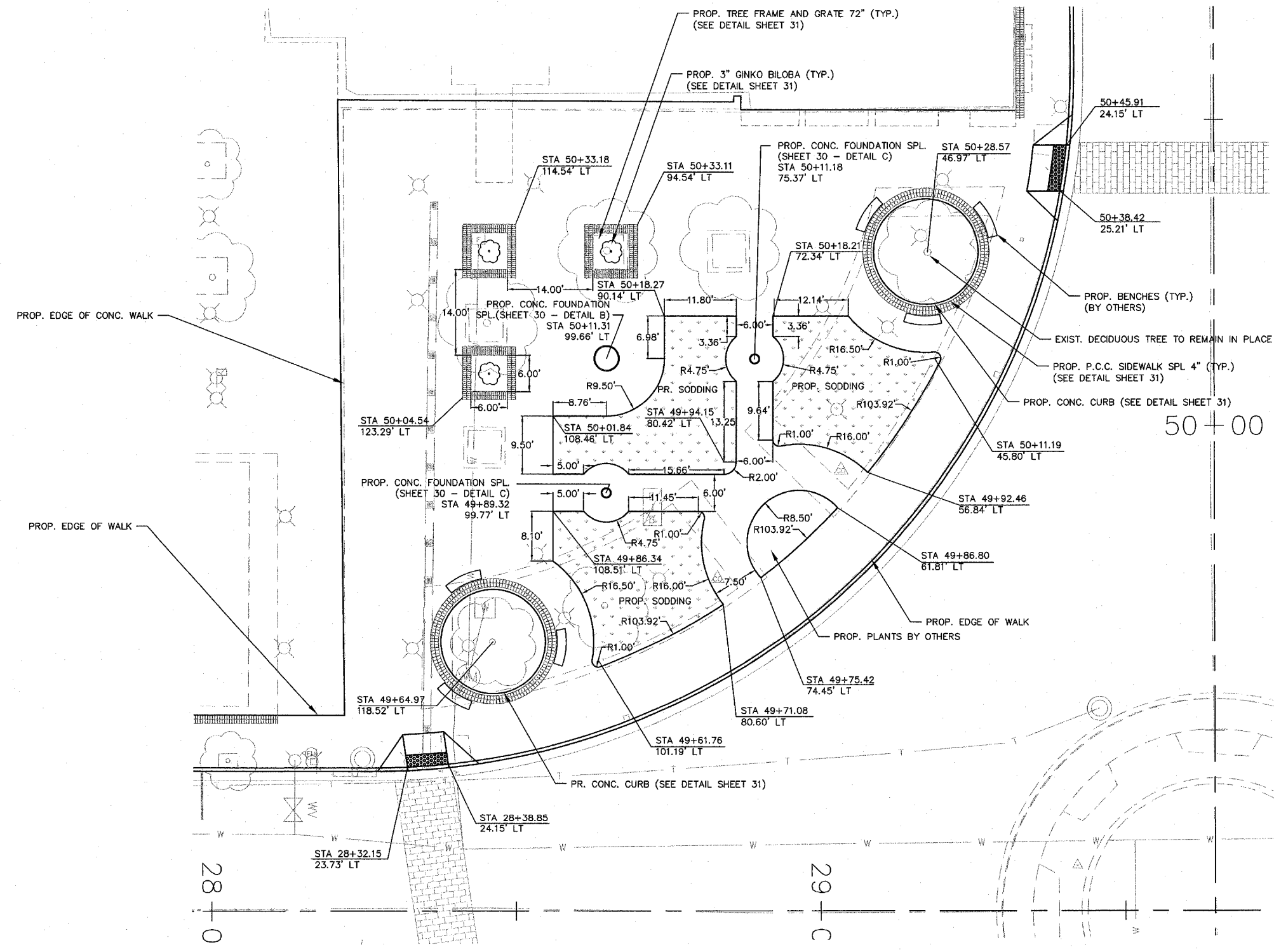


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△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

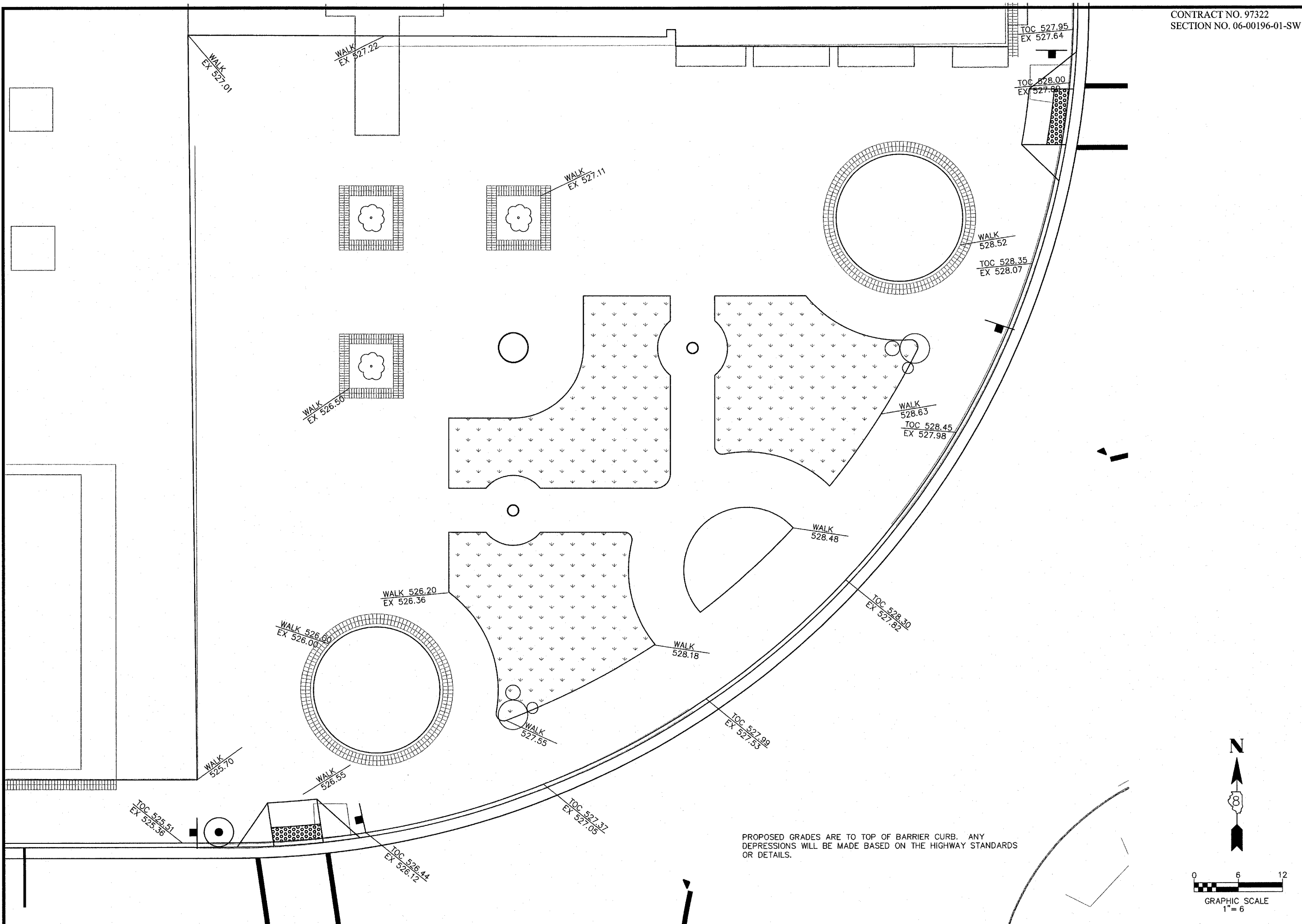
SHEET TITLE:  
**NORTHWEST QUADRANT  
LANDSCAPE DETAIL**

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>18</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 18 OF 48 SHEETS	
PROJECT NUMBER 07-0041	




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PROPOSED GRADES ARE TO TOP OF BARRIER CURB. ANY DEPRESSIONS WILL BE MADE BASED ON THE HIGHWAY STANDARDS OR DETAILS.

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AD 040107301 Business Enterprise

PREPARED BY: 

PROFESSIONAL REGISTRATIONS LICENSE NO.  
ILLINOIS PROFESSIONAL DESIGN FIRM 18-00473  
PROFESSIONAL ENGINEERING CORP. 20-200656

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

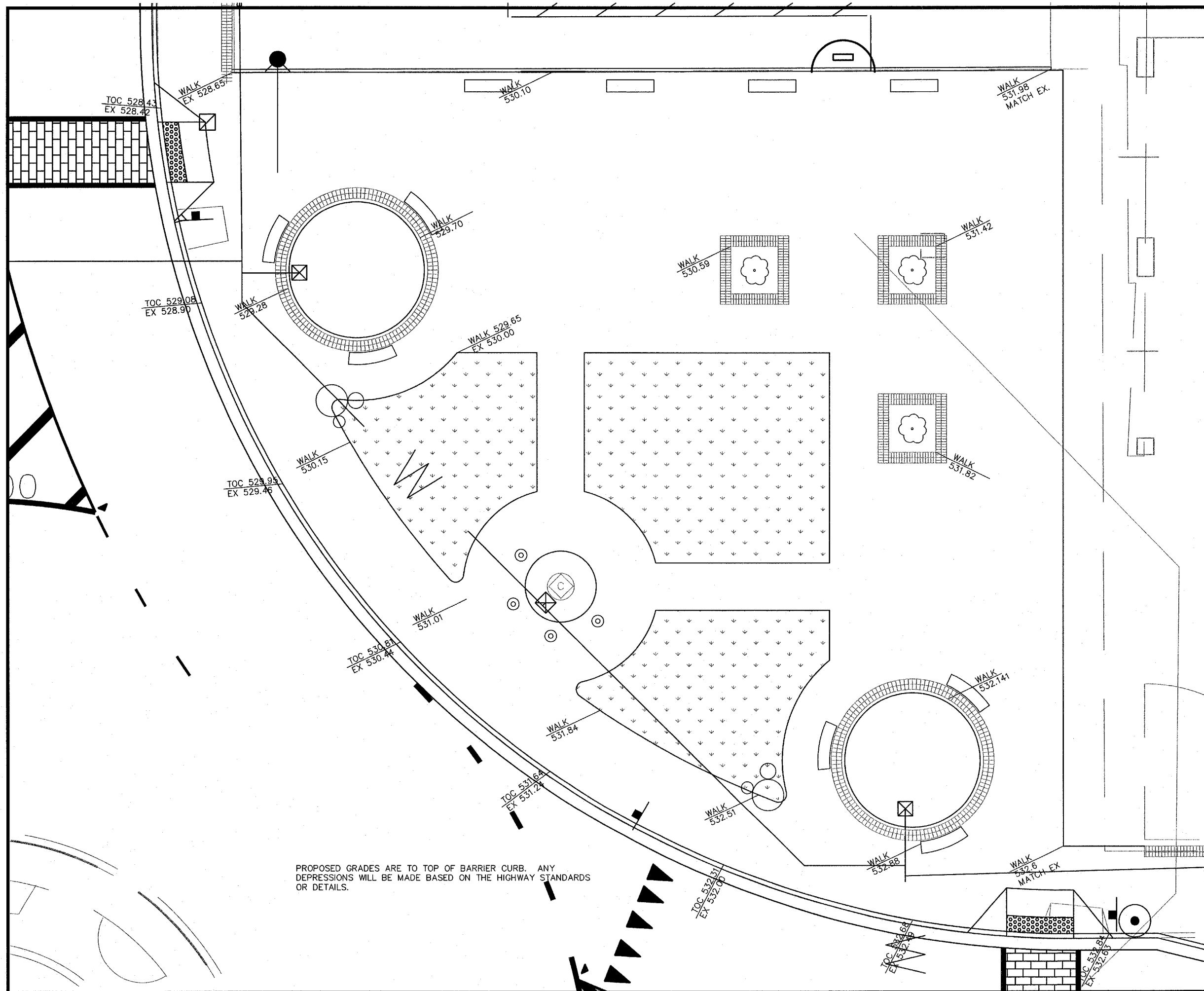
SHEET TITLE: **WARPING DETAILS QUADRANT 1**

PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2 CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM SHEET  
DRAWN BY: CHA/DWK **19**  
CHECKED BY: TJM  
DATE OF PRELIMINARY: 08/20/2007  
DATE OF FINAL: 09/13/2007


SHEET NO. 19 OF 48 SHEETS  
PROJECT NUMBER 07-0041





PROPOSED GRADES ARE TO TOP OF BARRIER CURB. ANY DEPRESSIONS WILL BE MADE BASED ON THE HIGHWAY STANDARDS OR DETAILS.

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PREPARED BY:   
PROFESSIONAL REGISTRATIONS LICENSE NO. 18100773  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-000688  
PROFESSIONAL ENGINEERING CORP.

REV.	DATE	DESCRIP
1	08/29/2007	FIRST REVIEW
2	XX/XX/XX	XXXXXXXX
3	XX/XX/XX	XXXXXXXX

SHEET TITLE: **WARPING DETAIL QUADRANT 2**  
PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2 CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

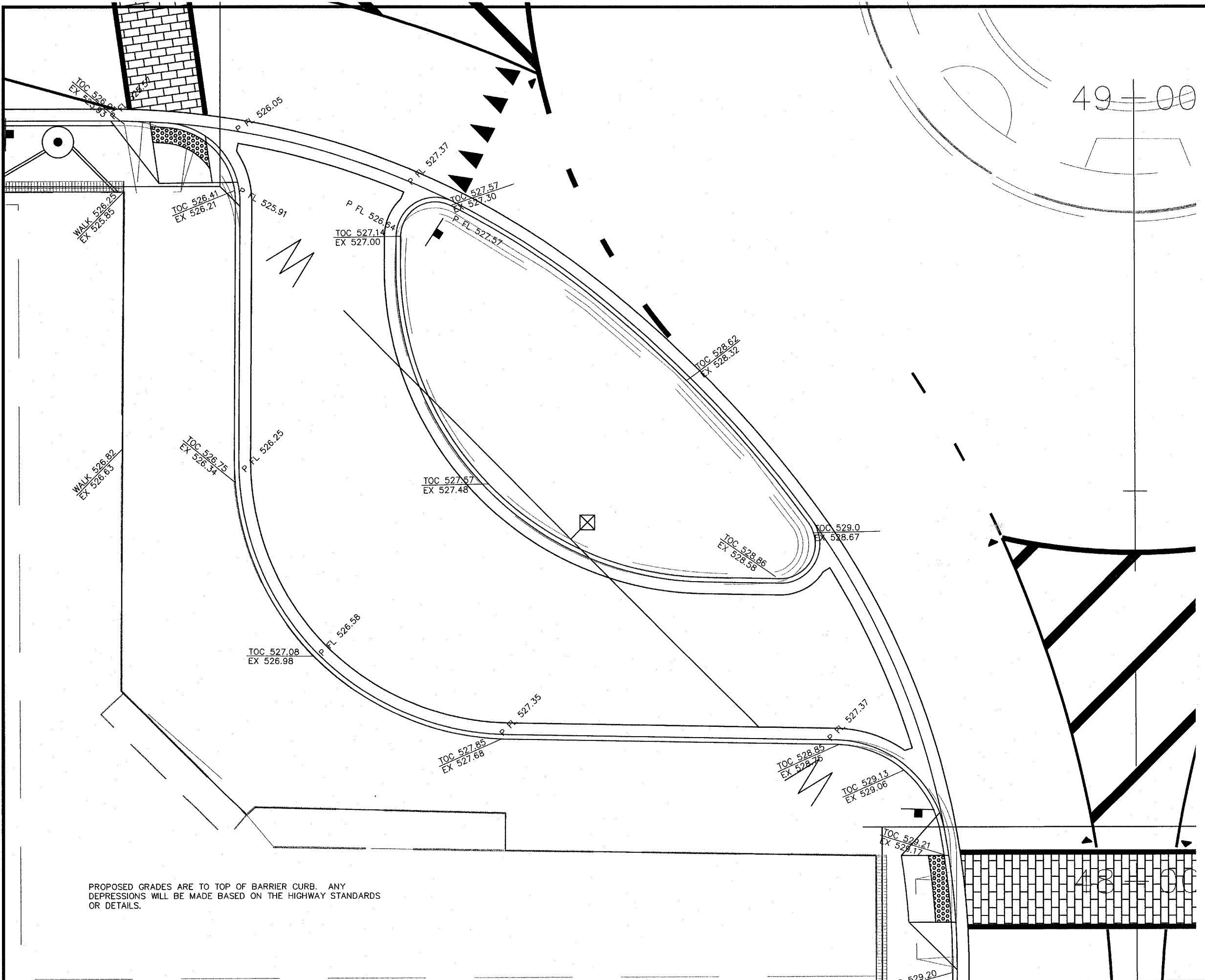
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DRAWN BY: CHA/DWK	<b>20</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 20 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

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△	XX/XX/XX	XXXXXXXX
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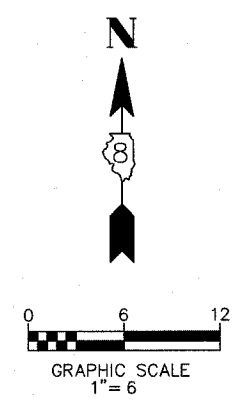
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**WARPING DETAILS  
QUADRANT 3**

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

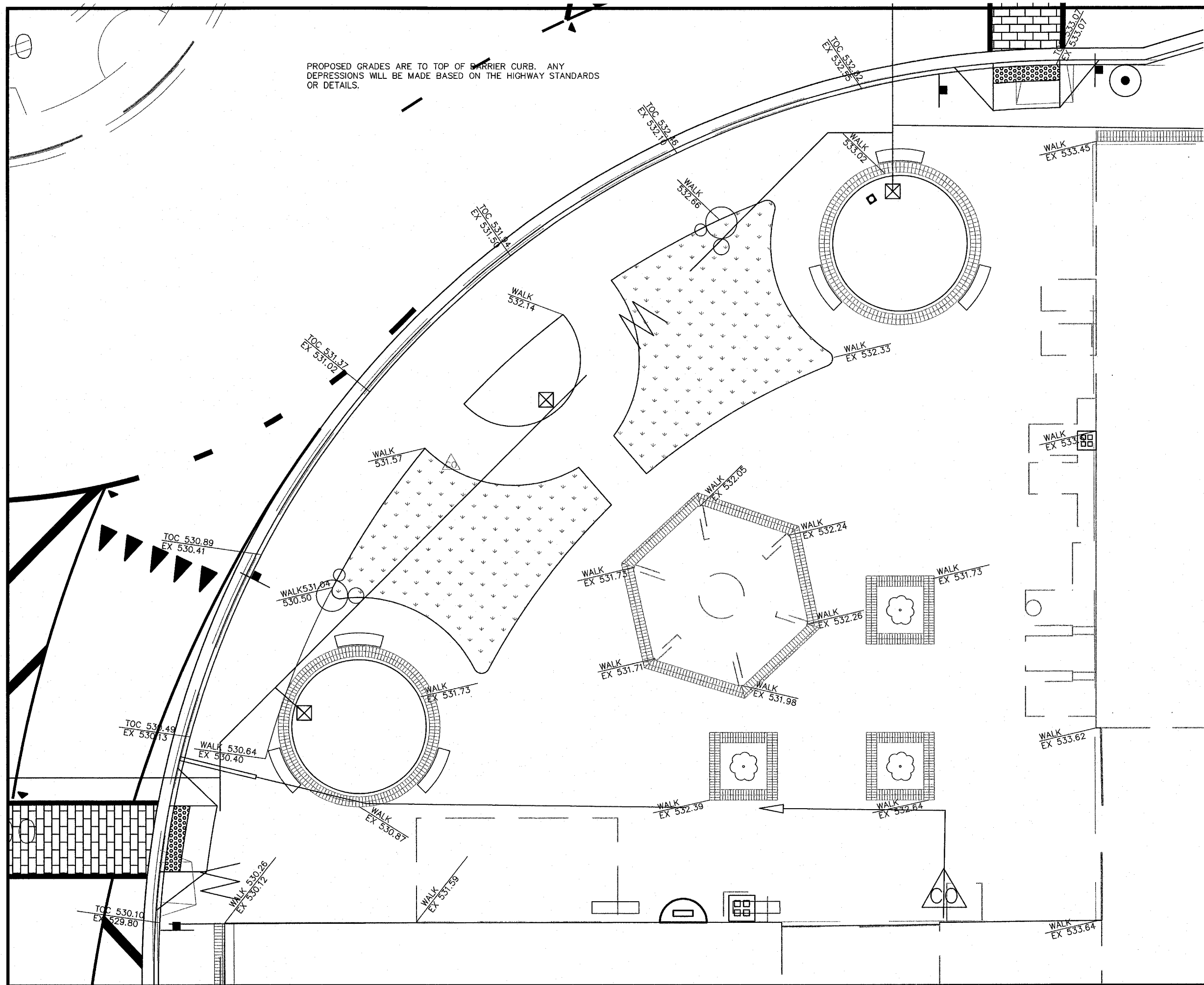
DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>21</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 21 OF 48 SHEETS	
PROJECT NUMBER 07-0041	




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PROPOSED GRADES ARE TO TOP OF BARRIER CURB. ANY DEPRESSIONS WILL BE MADE BASED ON THE HIGHWAY STANDARDS OR DETAILS.



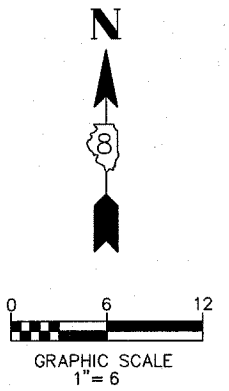
**Kaskaskia Engineering Group L.L.C.**  
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Belleville, Illinois 62220  
Office: (618)-233-5877 Fax: (618)-233-5977  
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PREPARED BY:   
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ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP. 20-080686

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: **WARPING DETAILS QUADRANT 4**  
PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2 CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

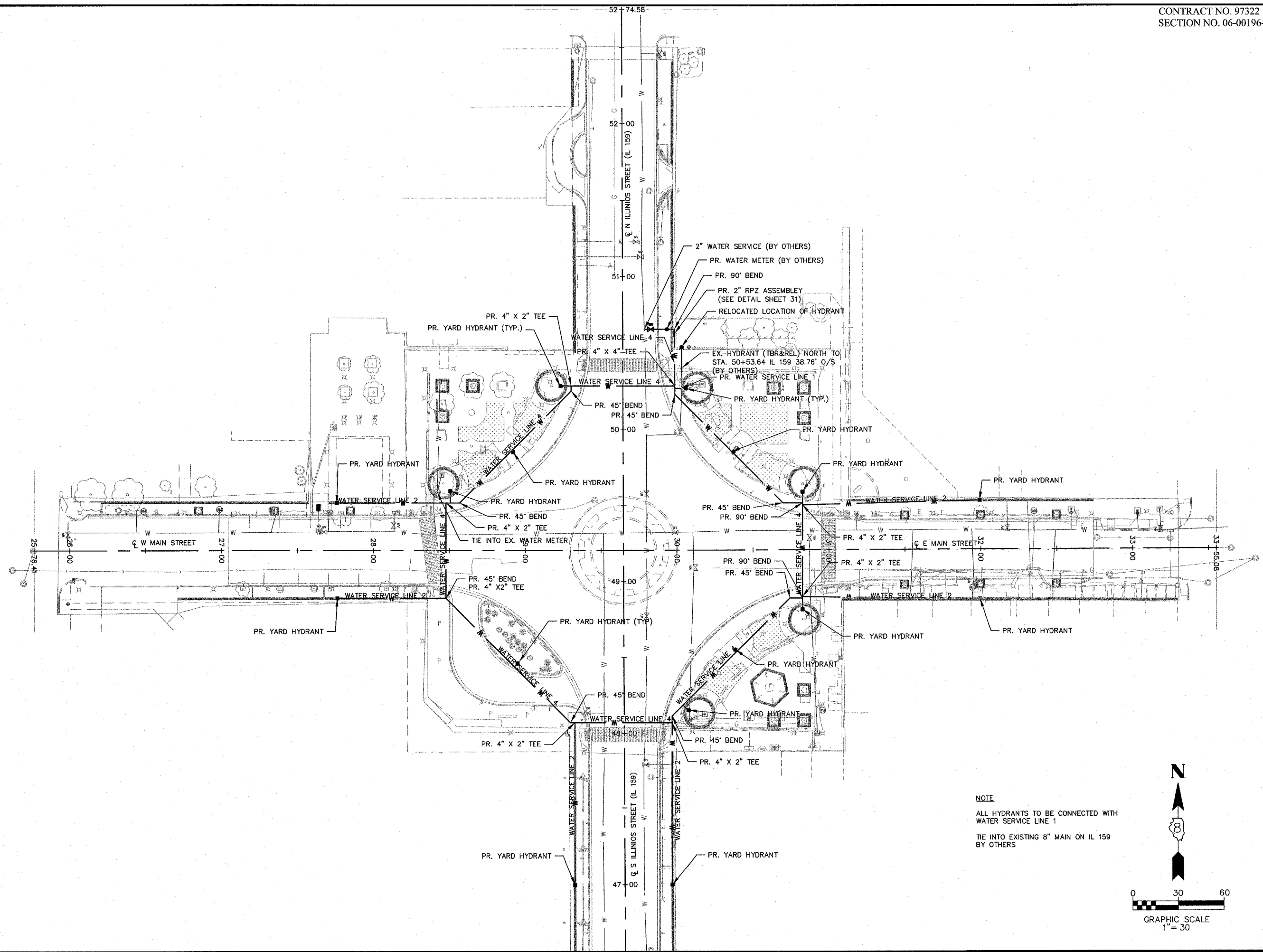
DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	22
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 22 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



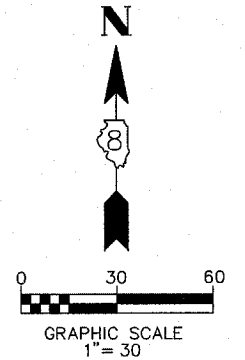
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△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXX
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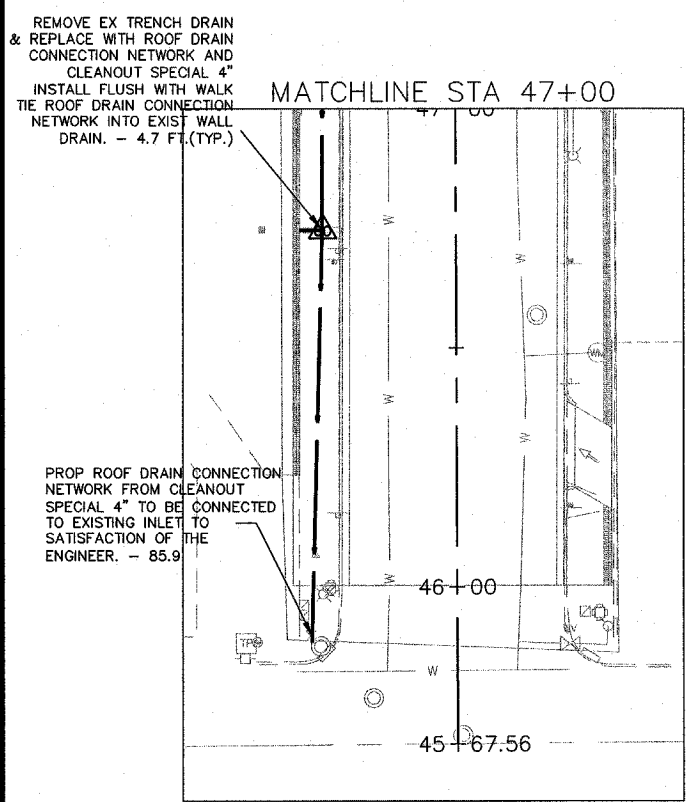
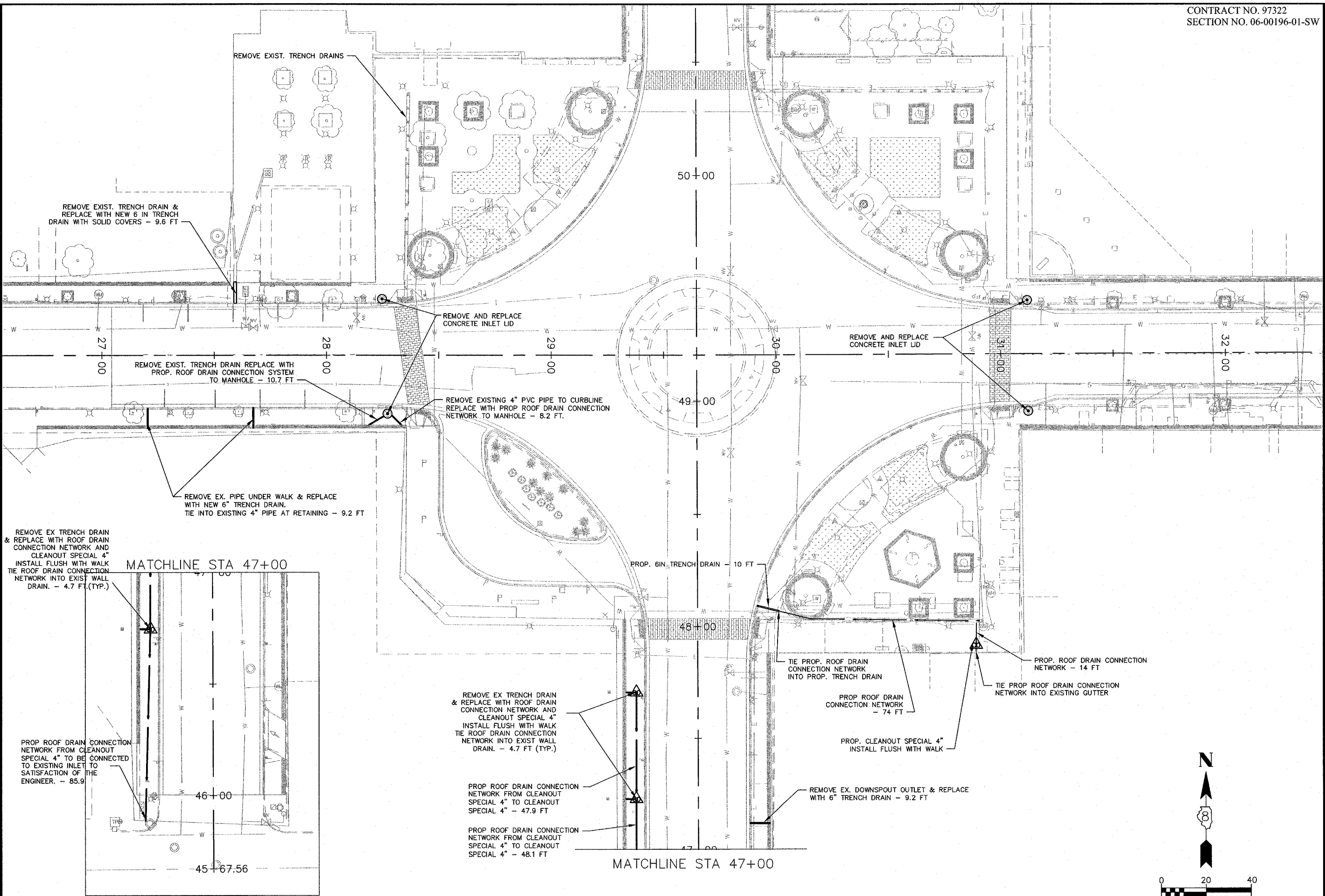
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PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>23</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 23 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



**NOTE**  
ALL HYDRANTS TO BE CONNECTED WITH WATER SERVICE LINE 1  
TIE INTO EXISTING 8" MAIN ON IL 159 BY OTHERS



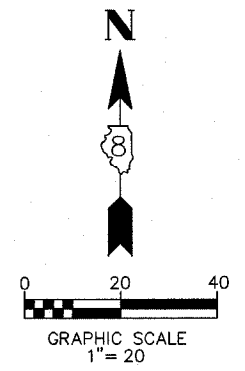


REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

**DRAINAGE PLAN**

**PROJECT TITLE:**  
DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>24</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 24 OF 48 SHEETS	
PROJECT NUMBER 07-0041	






**VAULT SCHEDULE**

STA.	CL.OFFSET	HEIGHT FT	WIDTH FT	LENGTH FT	EXISTING WALL TYPE	EXISTING CEILING TYPE	REPAIR TYPE	CONTROLLED LOW-STRENGTH MATERIAL (CY)	MASONRY WALL CONSTRUCTION (SF)	STEEL PLATE FOR VAULTS (SF)	REM/REPLACE BEAM (EACH)	REM/REPLACE SIDEWALK GRATES 4' x 6' (EACH)	REM/REPLACE SIDEWALK GRATES 2' x 2' (EACH)	THIN LIFT CONCRETE OVERLAY (SY)	NOTES
SOUTH ILLINOIS STREET (IL 159)															
47+92	99' RT	7+-	5.6	9.8	BRICK	GRATE	3			7		1			4x6' GRATE
47+93	127' RT	7+-	4.5	5.5	BRICK	BRICK ARCH	1	6	35						
48+01	69' RT	16+-	26	13.3	BRICK	CONCRETE SLAB w/ METAL DECK	4							40	VARIABLE DEPTH MILLING AND THIN LIFT CONCRETE OVERLAY
NORTH ILLINOIS STREET ( IL 159)															
50+40	118' LT	7+-	6	16	BRICK	BRICK ARCH									LEAVE IN TACT
50+49 *	36' LT	8+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	2	7	70						VAULT INACCESSIBLE - SIZE & CONDITION ASSUMED
50+49	50' LT	8+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	2	7	70						INCLUDES REMOVAL OF EXISTING BEAM
50+49	62' LT	8+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	2	7	70						INCLUDES REMOVAL OF EXISTING BEAM
50+49	73' LT	8+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	2	7	70						
50+57	30' LT	8+-	6	2.8	BRICK	CONCRETE w/ METAL DECK	3			28					
50+64	30' LT	8+-	4	2.7	BRICK	CONCRETE w/ METAL DECK & GRATE w/ METAL DECK	3			18			1		LEAVE VAULT IN TACT AND INSTALL 2' X2' STEEL GRATE ON STEEL PLATE
50+75	28' LT	7+-	9*	5*	BRICK	CONCRETE w/ METAL DECK	1	8	63						*DIM. ARE OVERALL - SIZE IRREGULAR
50+97	30' LT	7+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	3			39					
51+16	25' LT	7+-	8.5	7.7	BRICK	CONCRETE w/ METAL DECK	3A		30	82	1				REPAIR 1'-WALL & NEW BEAM & PLATE - BEAM 12x26
51+26	30' LT	7+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	3			50					
51+32	30' LT	7+-	11.7	2.7	BRICK	CONCRETE w/ METAL DECK	1	8	82						
52+20	30' LT	7+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	1	7	70						VAULT INACCESSIBLE - SIZE & CONDITION ASSUMED
52+40	30' LT	7+-	10	2.7	BRICK	CONCRETE w/ METAL DECK	1	7	70						VAULT INACCESSIBLE - SIZE & CONDITION ASSUMED
EAST MAIN STREET															
30+97	97' RT	7+-	21	9	BRICK	BRICK ARCH & CONCRETE w/ METAL DECK				5					LEAVE TRIPLE VAULT IN TACT AND INSTALL PLATE OVER MANHOLE OPENING
30+99	74' RT	7+-	16*	9*	BRICK	BRICK ARCH				30			1		LEAVE DOUBLE VAULT IN TACT AND INSTALL 2'x2' STEEL GRATE ON STEEL PLATE AT EXISTING GRATE LOCATION
31+01	58' RT	7+-	4	7	BRICK	BRICK ARCH	1	7	35						CONCRETE STAIRS
31+01	52' RT	7+-	4	4.5	BRICK	CONCRETE w/ METAL DECK	1	7	35						
31+37	26' RT	6+-	4.3	7.3	BRICK	BRICK ARCH	1	8	30						STEEL DECK OVER ARCH OPENING
31+65	22' RT	7+-	4.3	9	BRICK	BRICK ARCH	1	14	50						STEEL DECK OVER ARCH OPENING
31+76	25' RT	7+-	3.5	5	BRICK	CONCRETE	1	9	35						
32+05	24' RT	10+-	22.5	7	CONCRETE	CONCRETE	5								LEAVE VAULT IN TACT BY REMOVING TOP SIDEWALK SLAB, WATERPROOF UNDERLYING STRUCTURAL SLAB. CONSTRUCT PC SIDEWALK ON TOP.
32+29	24' RT	7+-	9	8.5	CONCRETE	CONCRETE w/ METAL DECK	1	20	63						
32+54	24' RT	7+-	16.5	8.5	CONCRETE	CONCRETE w/ METAL DECK	1	36	116						REMOVE EXISTING BEAM, INCIDENTAL TO REMOVAL
TOTAL								166	994	259	1	1	2	40	

NOTES:  
 VAULT STATION & OFFSET IS THE CENTER OF THE FRONT EDGE  
 VAULT SIZES VARY/INCONSISTENT - DIMENSIONS ARE APPROXIMATE  
 INACCESSIBLE VAULTS WERE ASSUMED SIMILAR TYPE AS ADJACENT FOR QUANTITY ESTIMATION  
 ALL WORK NOTED ABOVE IS INCIDENTAL TO THE RELATED PAY ITEMS  
 ALL EQUIPMENT TO REMAIN IN VAULTS TO BE PROTECTED DURING CONSTRUCTION  
 NO EQUIPMENT PERMITTED OVER VAULTS  
 NO HYDRAULIC BREAKERS PERMITTED FOR REMOVAL

**Kaskaskia Engineering Group L.L.C.**  
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 www.kaskaskiaeng.com  
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PREPARED BY: 

PROFESSIONAL REGISTRATIONS LICENSE NO. 19A00773  
 ILLINOIS PROFESSIONAL DESIGN FIRM  
 PROFESSIONAL ENGINEERING CORP. 20-90858

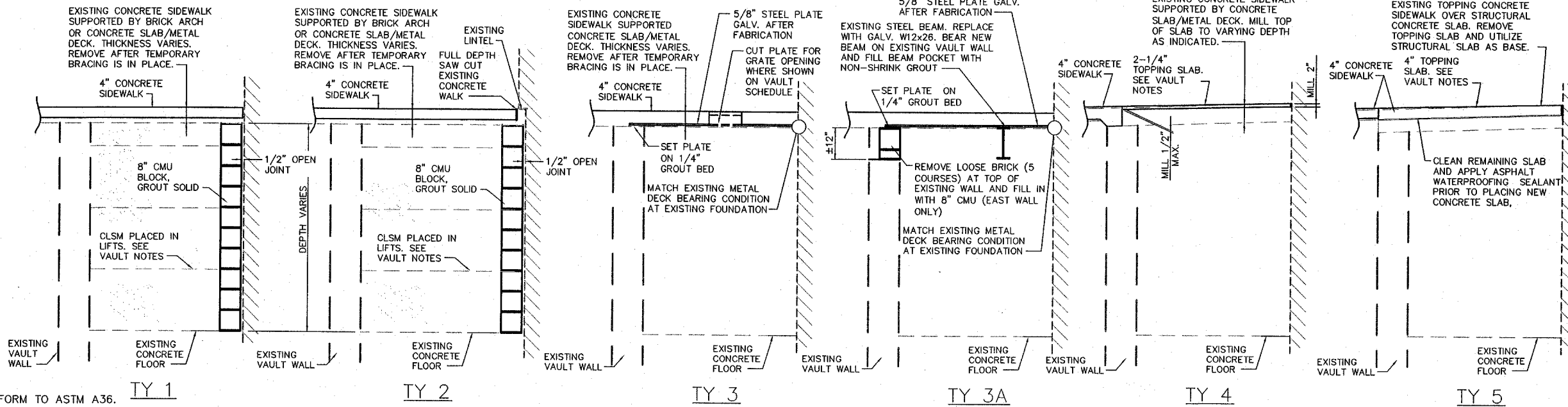
REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: **VAULT SCHEDULE**

PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: JAH  
 DRAWN BY: CHA/DWK  
 CHECKED BY: JAH  
 DATE OF PRELIMINARY: 08/20/2007  
 DATE OF FINAL: 9/11/2007

SHEET NO. **25** OF 48 SHEETS  
 PROJECT NUMBER 07-0041



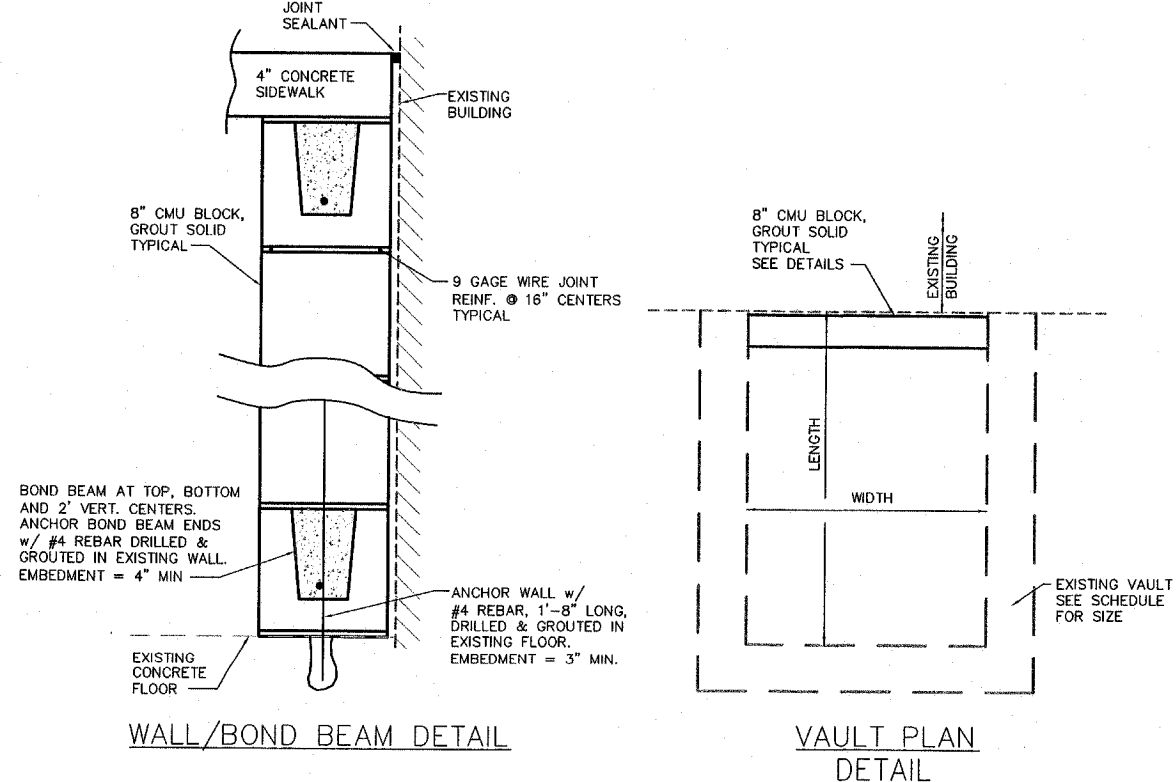
TYPICAL VAULT SECTIONS

**VAULT NOTES**

- STEEL PLATES SHALL CONFORM TO ASTM A36.
- STEEL SHAPES SHALL CONFORM TO ASTM A992.
- CONTRACTOR SHALL CONTACT THE PROPERTY OWNER PRIOR TO BEGINNING WORK ON THE RESPECTIVE VAULTS AND COORDINATE THE WORK.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OF EXISTING VAULT WALLS & CEILINGS, IF NEEDED, PRIOR TO REMOVING THE CONCRETE SIDEWALKS/TOPS.
- CONTRACTOR SHALL ALSO PROVIDE PROTECTION FOR THE ADJACENT STRUCTURE FROM WATER/SEEPAGE. ALL OPEN VAULTS/EXCAVATIONS SHALL BE BARRICADED/FENCED.
- VAULTS SHOWN ON THE PLANS HAVE BEEN LOCATED BASED ON INFORMATION PROVIDED BY THE RESPECTIVE PROPERTY OWNERS AND THE CITY OF BELLEVILLE. IT IS POSSIBLE OTHER VAULTS EXIST THEREFORE THE CONTRACTOR SHOULD EXERCISE CAUTION DURING REMOVAL OPERATIONS.
- CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS IN VAULTS PRIOR TO BEGINNING FILL OPERATIONS.
- ALL GAPS/OPEN JOINTS SHALL BE SEALED WITH A POLYURETHANE SEALANT THAT IS A ONE-COMPONENT HIGH-PERFORMANCE GUN-GRADE MOISTURE-CURING POLYURETHANE SEALANT DESIGNED FOR A WIDE RANGE OF SEALING AND CAULKING APPLICATIONS IN ACTIVE EXTERIOR JOINTS, INCLUDING STEEL, CONCRETE AND MASONRY.
- CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE ACCORDING TO THE IDOT STANDARD SPECIFICATIONS, SECTION 1019. THE CLSM SHALL BE CONSTRUCTED IN MAXIMUM OF 48\"/>

**CONCRETE MASONRY NOTES**

- CONCRETE MASONRY UNITS (CMU) SHALL BE HOLLOW CORE LOAD BEARING, TYPE 1, NORMAL WEIGHT CONFORMING TO ASTM C90. INDIVIDUAL BLOCKS SHALL HAVE A MINIMUM NET COMPRESSIVE STRENGTH OF 2000 PSI.
- CMU UNITS SHALL HAVE NOMINAL FACE DIMENSIONS OF 8\"/>



WALL/BOND BEAM DETAIL

VAULT PLAN DETAIL

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PROFESSIONAL REGISTRATIONS LICENSE NO. 16100773  
LAWYER PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP. 21-508098

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

VAULT DETAILS & NOTES

SHEET TITLE:  
PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2**  
**CITY OF BELLEVILLE**  
**ST. CLAIR COUNTY, ILLINOIS**



DESIGNED BY: JAH  
DRAWN BY: CHA/DWK  
CHECKED BY: JAH  
DATE OF PRELIMINARY: 08/20/2007  
DATE OF FINAL: 9/11/2007

9/11/07  
EXPIRES 11/30/08

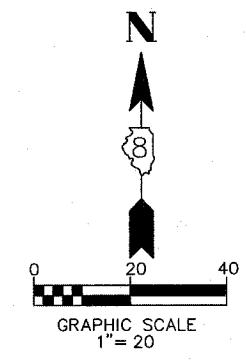
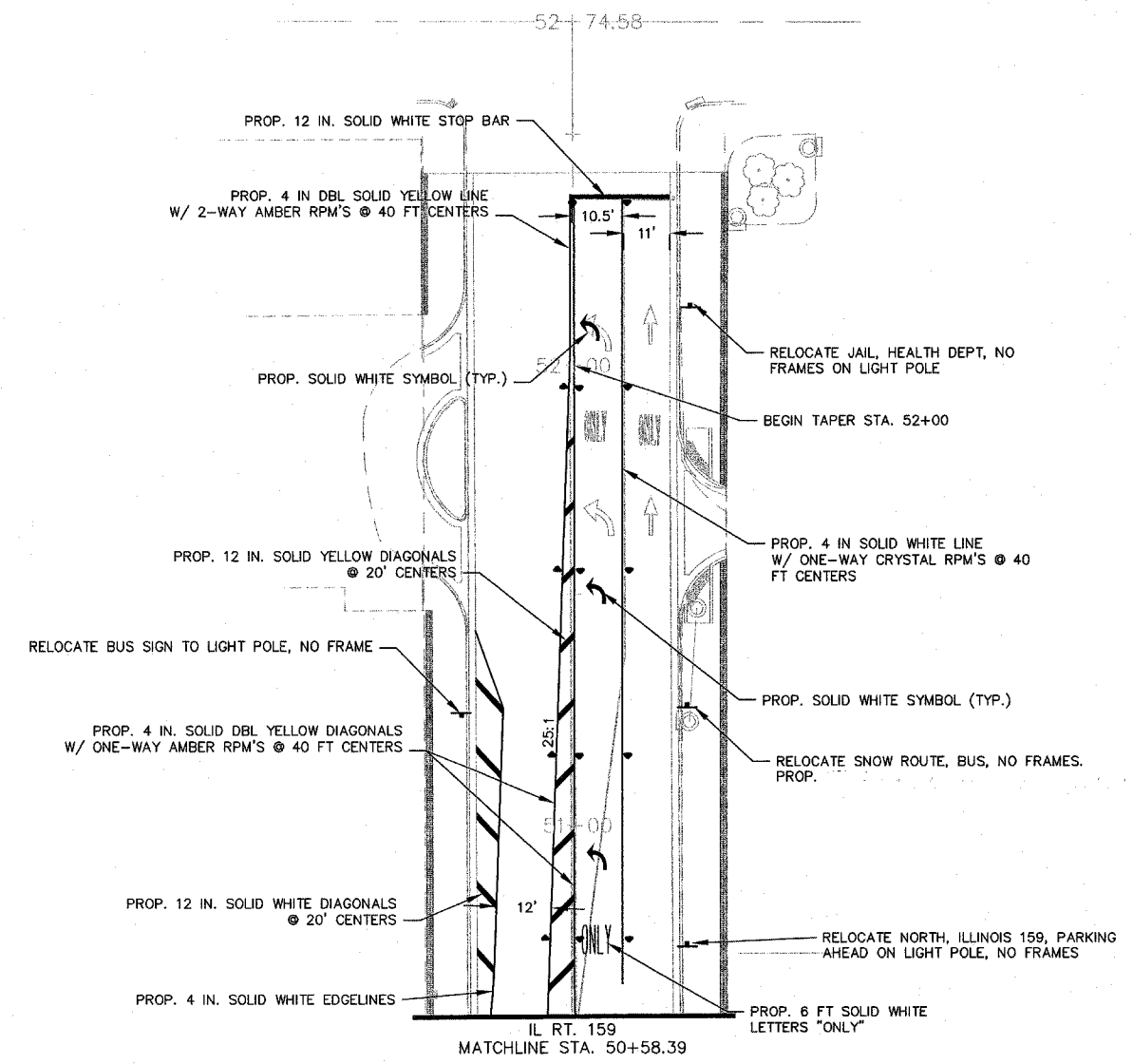
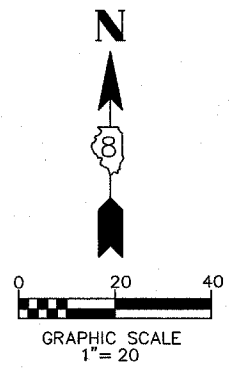
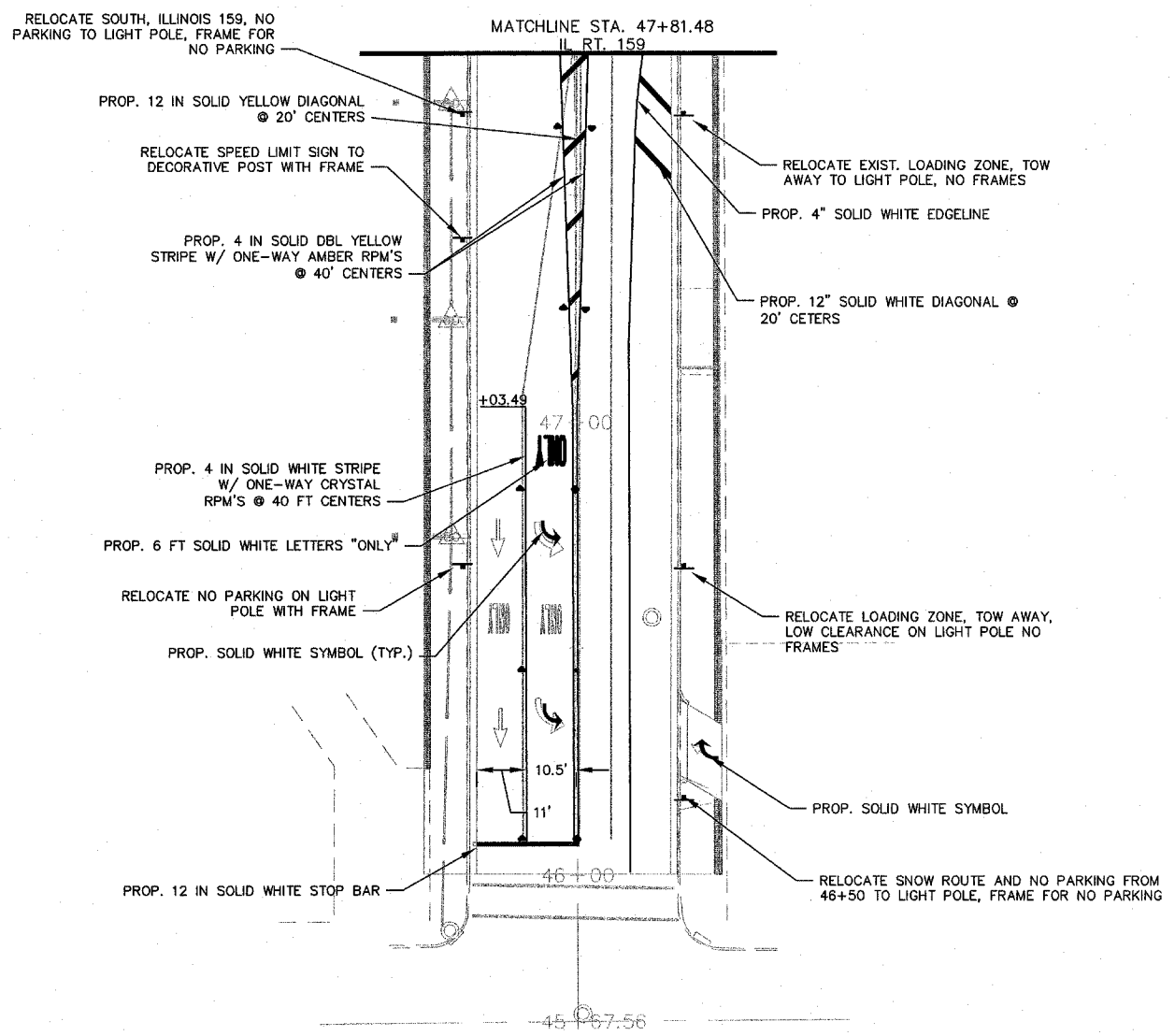
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DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 9/11/2007	
SHEET NO. 26 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: **PAVEMENT MARKING & SIGNAGE PLAN - IL RTE. 159**


PROJECT TITLE: **DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	27
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 27 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



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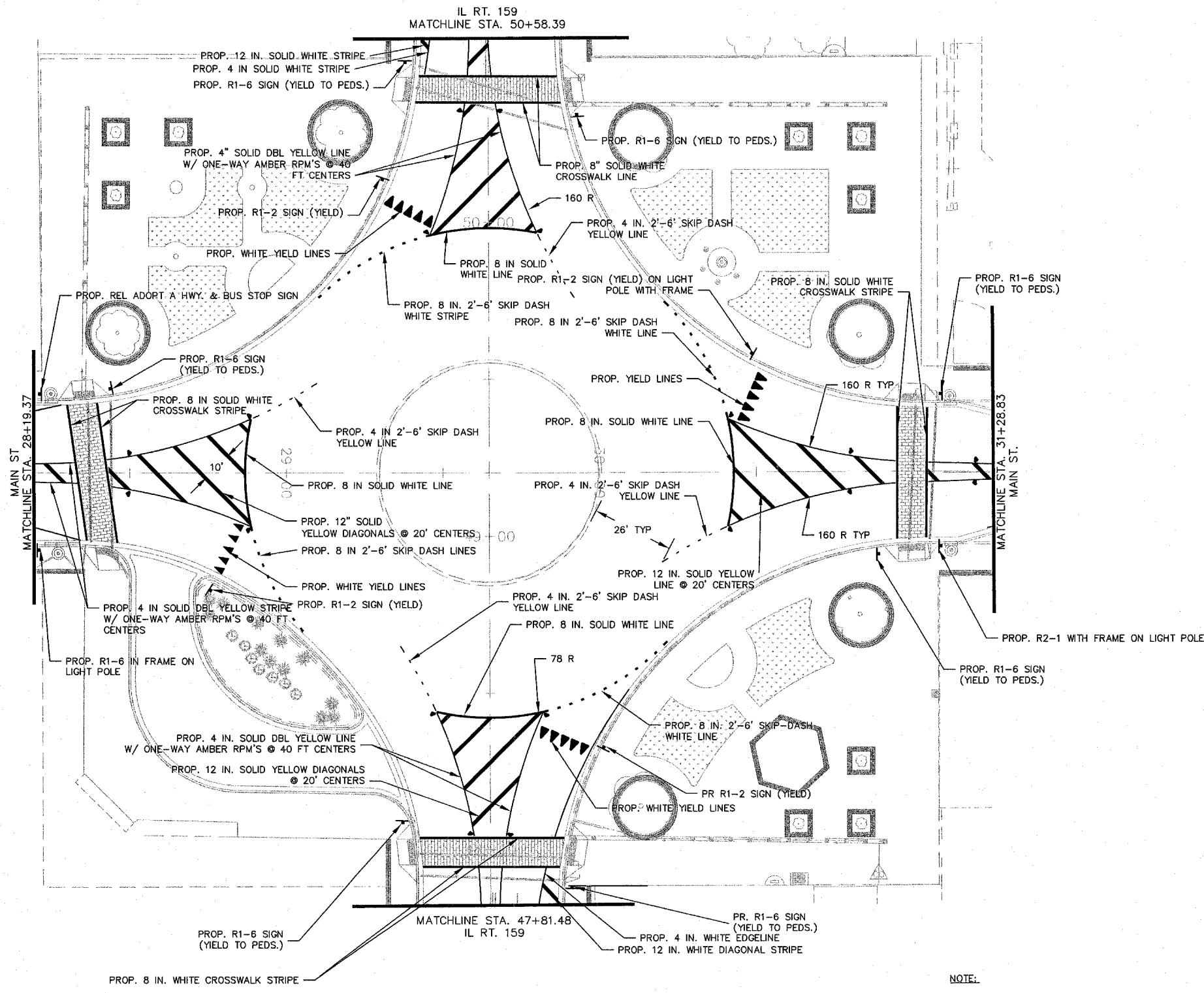
PREPARED BY:   
PROFESSIONAL REGISTRATIONS LICENSE NO. 19-00173  
ILLINOIS PROFESSIONAL DESIGN FIRM 20-306886  
PROFESSIONAL ENGINEERING CORP.

REV.	DATE	DESCRIP
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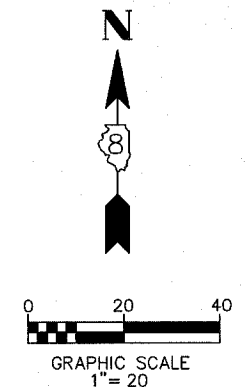
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**PAVEMENT MARKING & SIGNAGE PLAN-PUBLIC SQUARE**

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	<b>28</b>
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 28 OF 48 SHEETS	
PROJECT NUMBER 07-0041	



**NOTE:**  
IF LOCATION OF SIGN MOUNT IS UNSPECIFIED, THE SIGN SHOULD BE MOUNTED ON A DECORATIVE POST WITH A FRAME.

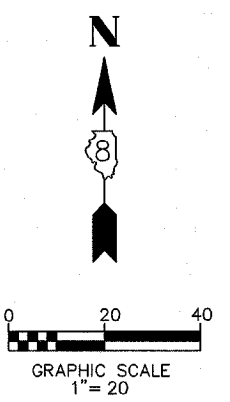
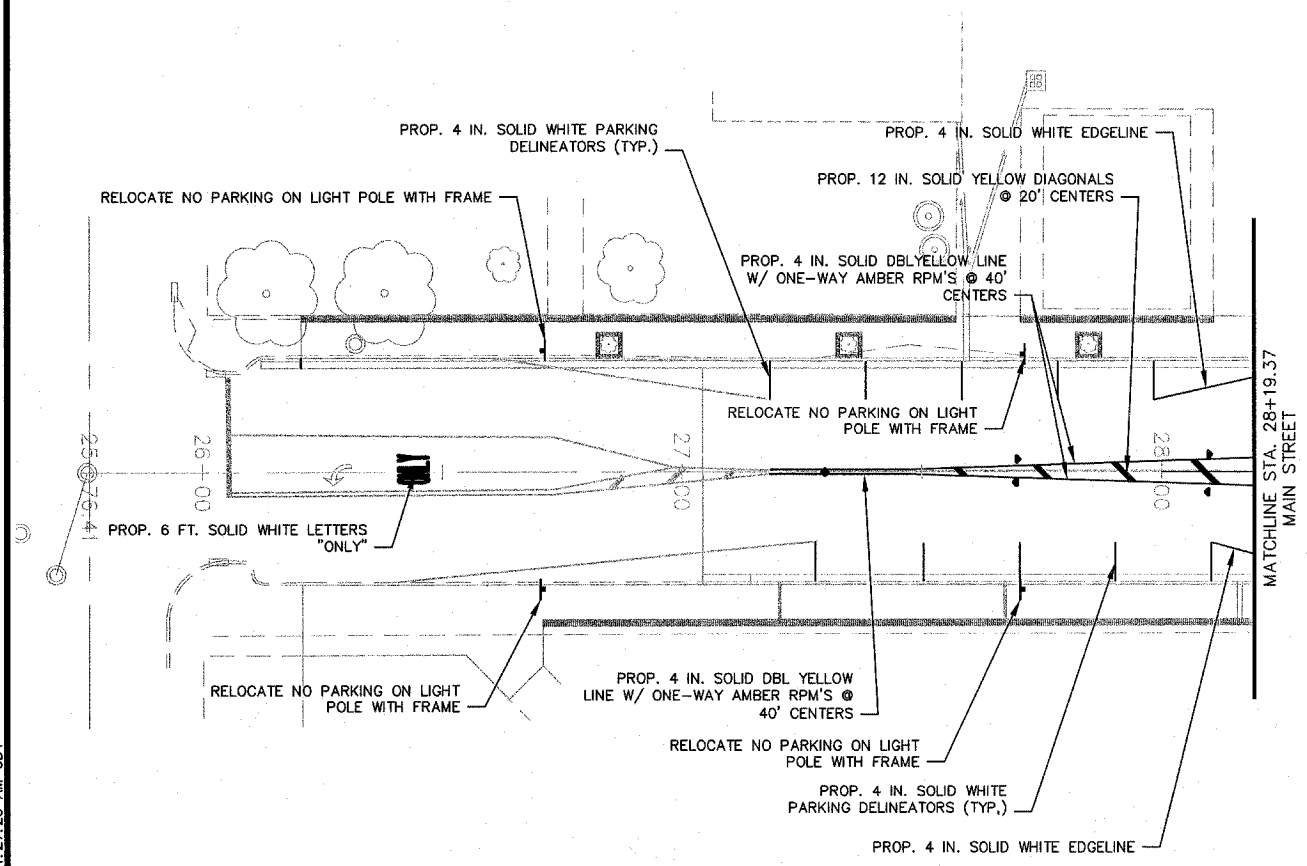


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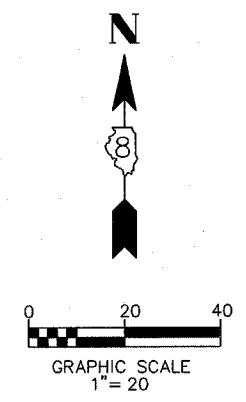
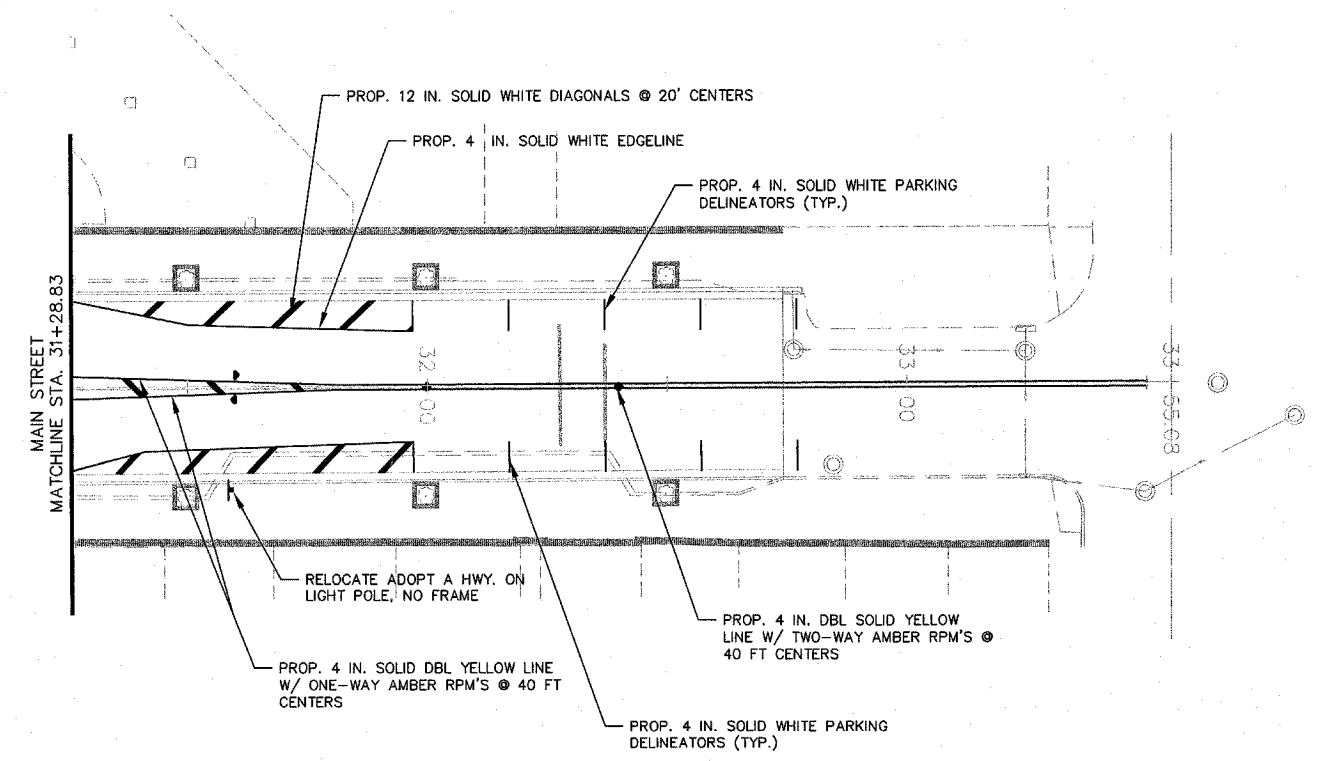
REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: PAVEMENT MARKINGS & SIGNAGE PLAN - MAIN STREET  
PROJECT TITLE: DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS


DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	29
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	
SHEET NO. 29 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

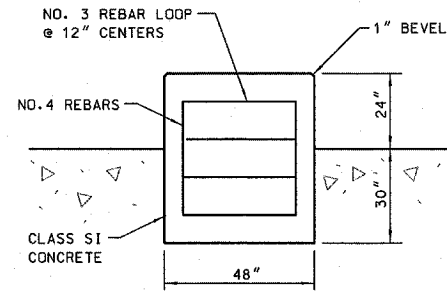
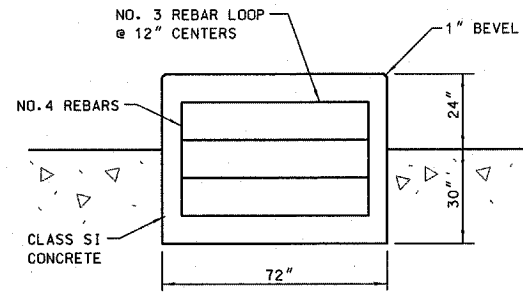
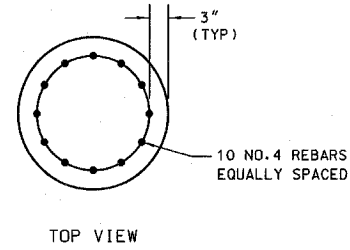
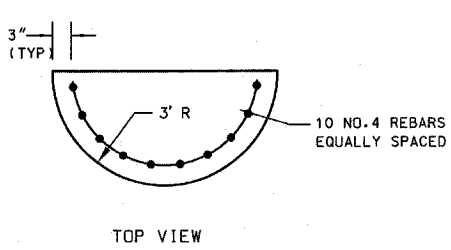


P:\07-0041 Belleville Square\dwg\07-0041P\MT MKG.dwg 8/17/2007 1:27:26 AM CDT

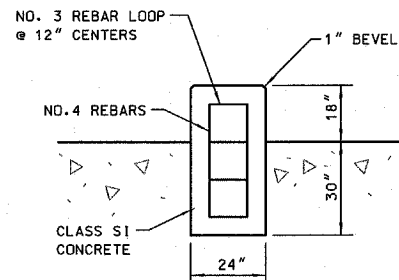
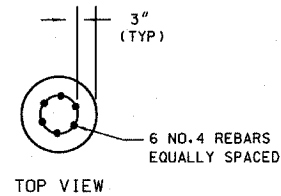


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PREPARED BY:   
PROFESSIONAL REGISTRATIONS LICENSE NO. 1840473  
LUNGE PROFESSIONAL DESIGN FIRM 20-506268  
PROFESSIONAL ENGINEERING CORP.



**CONCRETE FOUNDATION SPECIAL - DETAIL A** SE & NE QUAD  
**CONCRETE FOUNDATION SPECIAL - DETAIL B** NW QUAD

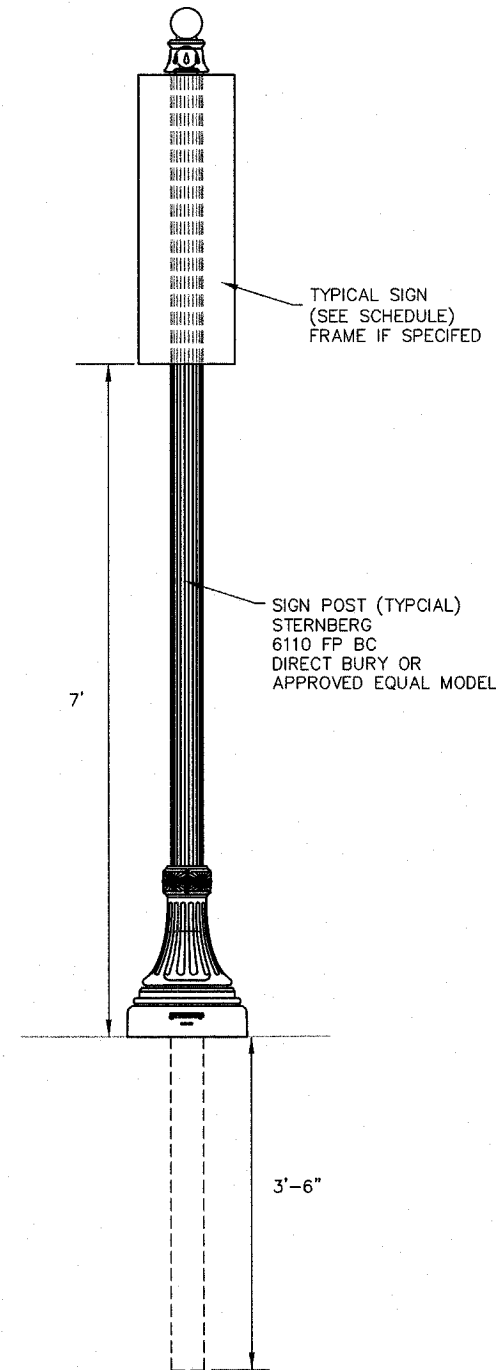


**CONCRETE FOUNDATION SPECIAL - DETAIL C** NW QUAD

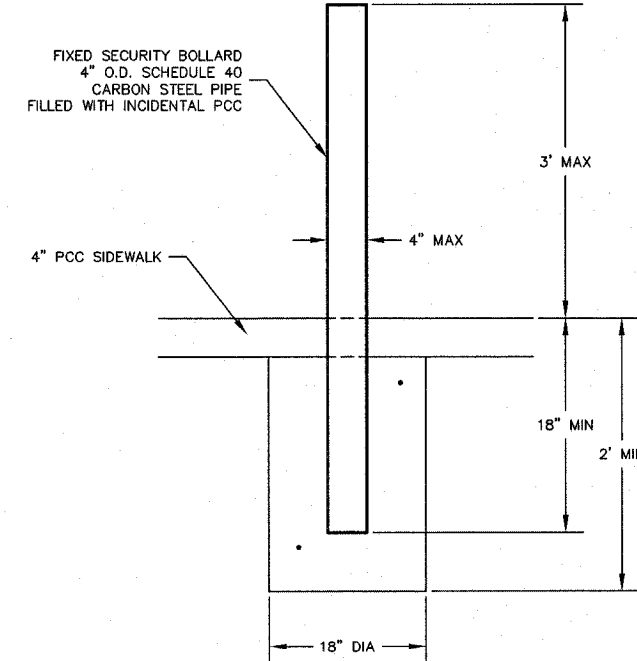
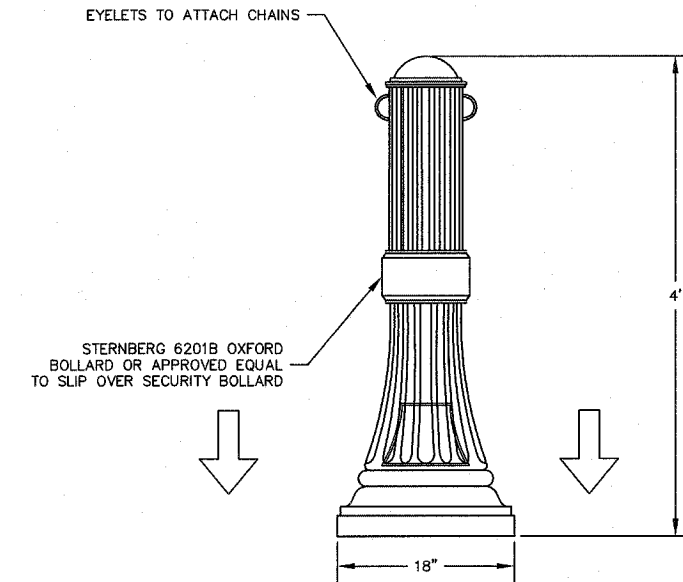
NOTE: ALL EXPOSED SURFACES SHALL RECEIVE A "RUBBED FINISH" FOR CONCRETE FOUNDATIONS SPECIAL AS PER IDOT STD SPECIFICATIONS, SECTION 503.

CONCRETE FOUNDATIONS SPECIAL SHALL BE USED FOR DISPLAYING ART WORK FOR THE CITY OF BELLEVILLE. ART WORK SHALL BE INSTALLED BY OTHERS.

SEE ELECTRICAL PLAN FOR LIGHTING DETAILS AND INSTALLATION OF CONDUIT WITHIN CONCRETE FOUNDATIONS.



**ORNAMENTAL SIGN POST**  
NOT TO SCALE



NOTE: INSTALL BOLLARDS PER MANUFACTURER INSTRUCTIONS AND SPECIFICATIONS.

**BOLLARD DETAIL**  
NOT TO SCALE

REV.	DATE	DESCRIP
△	08/29/2007	FIRST REVIEW
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

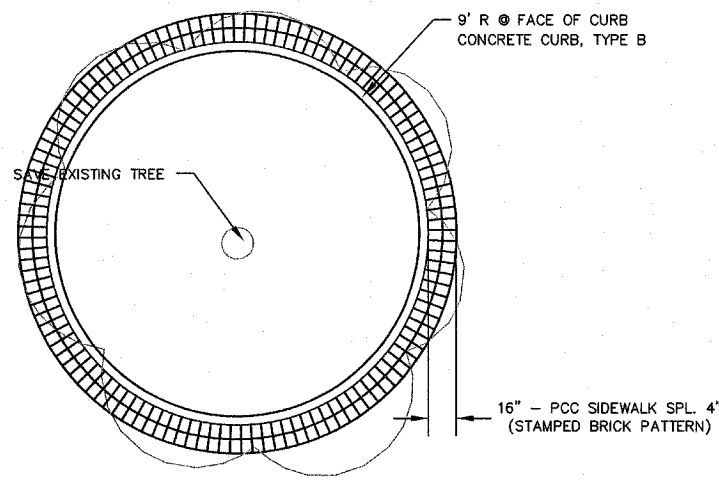
MISCELLANEOUS DETAILS

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2**  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS

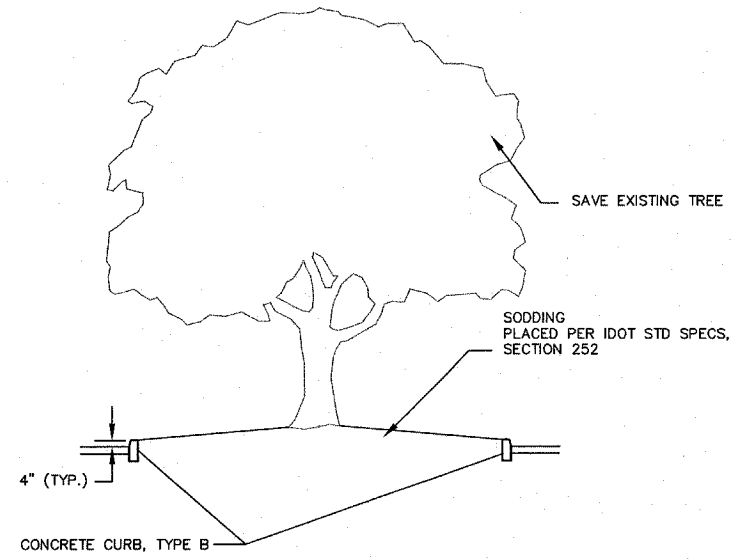
DESIGNED BY: TIM	SHEET
DRAWN BY: CHA/DWK	<b>30</b>
CHECKED BY: TIM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	

SHEET NO. 30 OF 48 SHEETS  
PROJECT NUMBER 07-0041



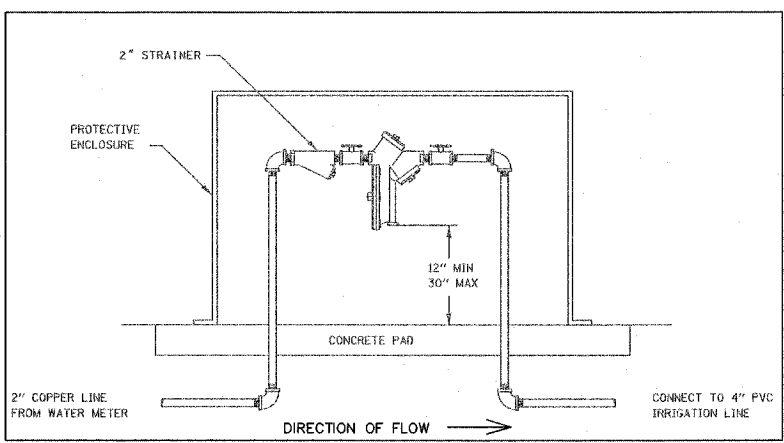


TOP VIEW

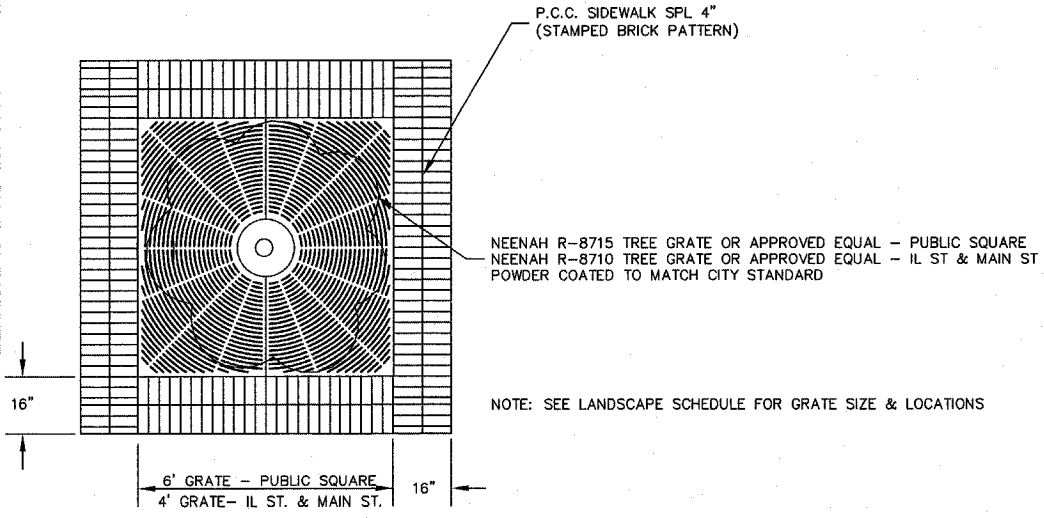


SECTION VIEW

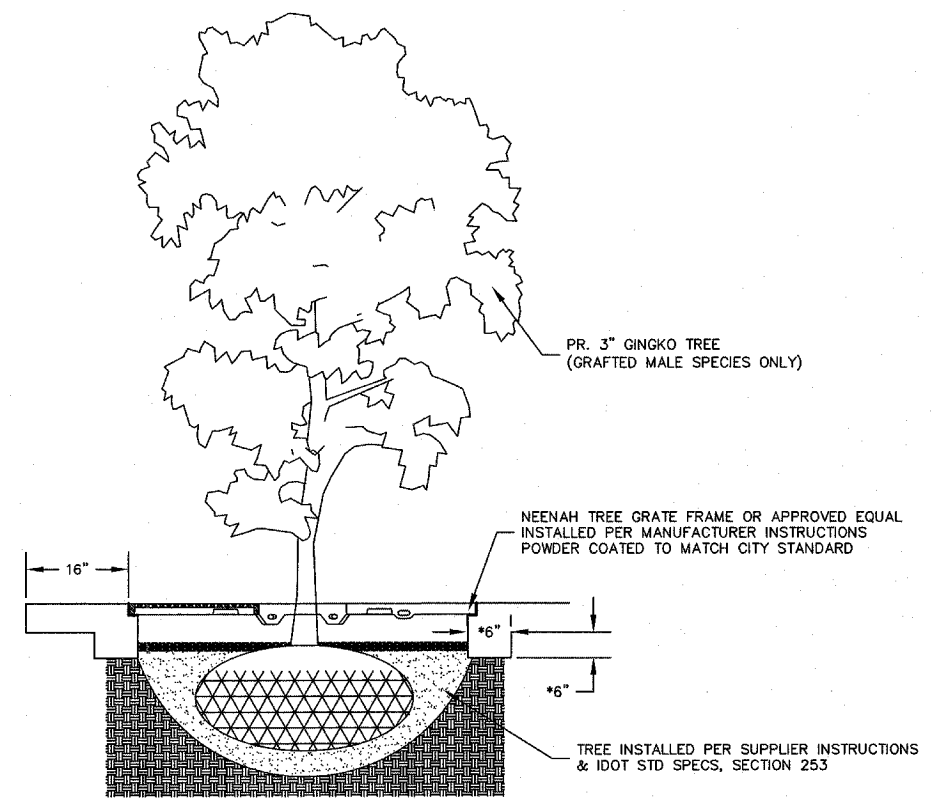
TREE PLANTER & P.C.C. SIDEWALK SPL. DETAIL  
NOTE TO SCALE



NOTE: REDUCED PRESSURE ZONE ASSEMBLY  
MUST BE UL LISTED.  
REDUCED PRESSURE ZONE ASSEMBLY, 2" DETAIL



TOP VIEW



ELEVATION VIEW

\* SIDEWALK FOOTING AT TREE  
GRATE LOCATIONS ONLY

CONC CURB DETAIL @ BELLEVILLE CLOCK  
NOTE TO SCALE

TREE GRATE & P.C.C. SIDEWALK SPL. DETAIL  
NOTE TO SCALE

MISCELLANEOUS DETAILS

SHEET TITLE:

PROJECT TITLE:  
**DOWNTOWN BELLEVILLE STREETSCAPE PH. 2  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: TJM	SHEET
DRAWN BY: CHA/DWK	31
CHECKED BY: TJM	
DATE OF PRELIMINARY: 08/20/2007	
DATE OF FINAL: 09/13/2007	

**GENERAL NOTES**

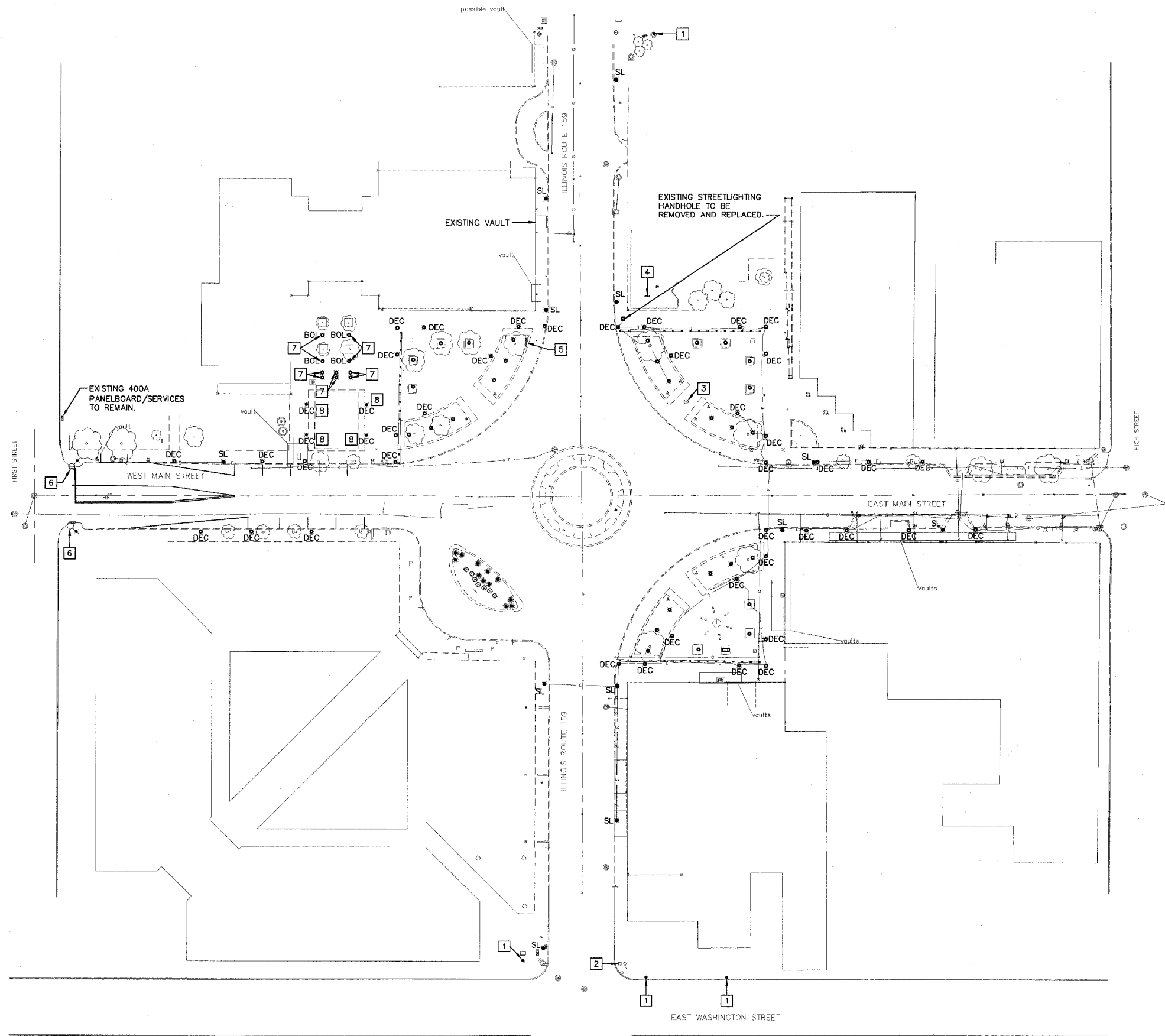
1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.
5. CONTRACTOR SHALL REMOVE ALL EXISTING WIRING FROM LIGHT FIXTURES BEING REMOVED. WIRING SHALL BE REMOVED TO THE SOURCE. REMOVE ENTIRE CONCRETE FOUNDATION, ANCHOR BOLTS AND EXPOSED CONDUIT.

**KEYED NOTES**

- 1 EXISTING UTILITY POLE TO REMAIN.
- 2 EXISTING TRAFFIC CONTROLLER TO REMAIN.
- 3 EXISTING CLOCK TO REMAIN.
- 4 EXISTING SERVICE TO BE REMOVED AND REPLACED.
- 5 EXISTING SERVICE TO BE REMOVED.
- 6 EXISTING SL/TRAFFIC STANDARD TO REMAIN.
- 7 EXISTING LIGHT FIXTURE TO REMAIN. ENSURE CONTINUITY OF WIRE THROUGHOUT CONSTRUCTION.
- 8 EXISTING LIGHT FIXTURE TO BE REMOVED. PROTECT EXISTING WIRE AND CONDUIT TO ENSURE CONTINUITY THROUGHOUT CONSTRUCTION AND ALLOW FOR RECONNECTION.

**LEGEND**

- SL EXISTING STREET LIGHT TO BE REMOVED.
- DEC DECORATIVE LIGHT FIXTURE TO BE REMOVED. DELIVER FIXTURE AND POLE INTACT TO CITY OF BELLEVILLE.
- DEC DECORATIVE LIGHT FIXTURE TO BE REPLACED IN PLACE.
- EXISTING GROUND MOUNTED LIGHT TO BE REMOVED.
- EXISTING FLOOD LIGHT TO BE REMOVED.
- BOL EXISTING BOLLARD TO REMAIN.




**ELECTRICAL SITE PLAN - DEMOLITION**

1" = 40'-0"



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 LICENSE NO. 184,007/0  
 PROFESSIONAL REGISTRATIONS ILLINOIS PROFESSIONAL DESIGN FIRM PROFESSIONAL ENGINEERING CORP.

**BRIC**  
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 TEL: 618.277.5200 FAX: 618.277.5227

SEAL

Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

REV	DATE	DESCRIP

SHEET TITLE: **ELECTRICAL SITE PLAN - DEMOLITION**

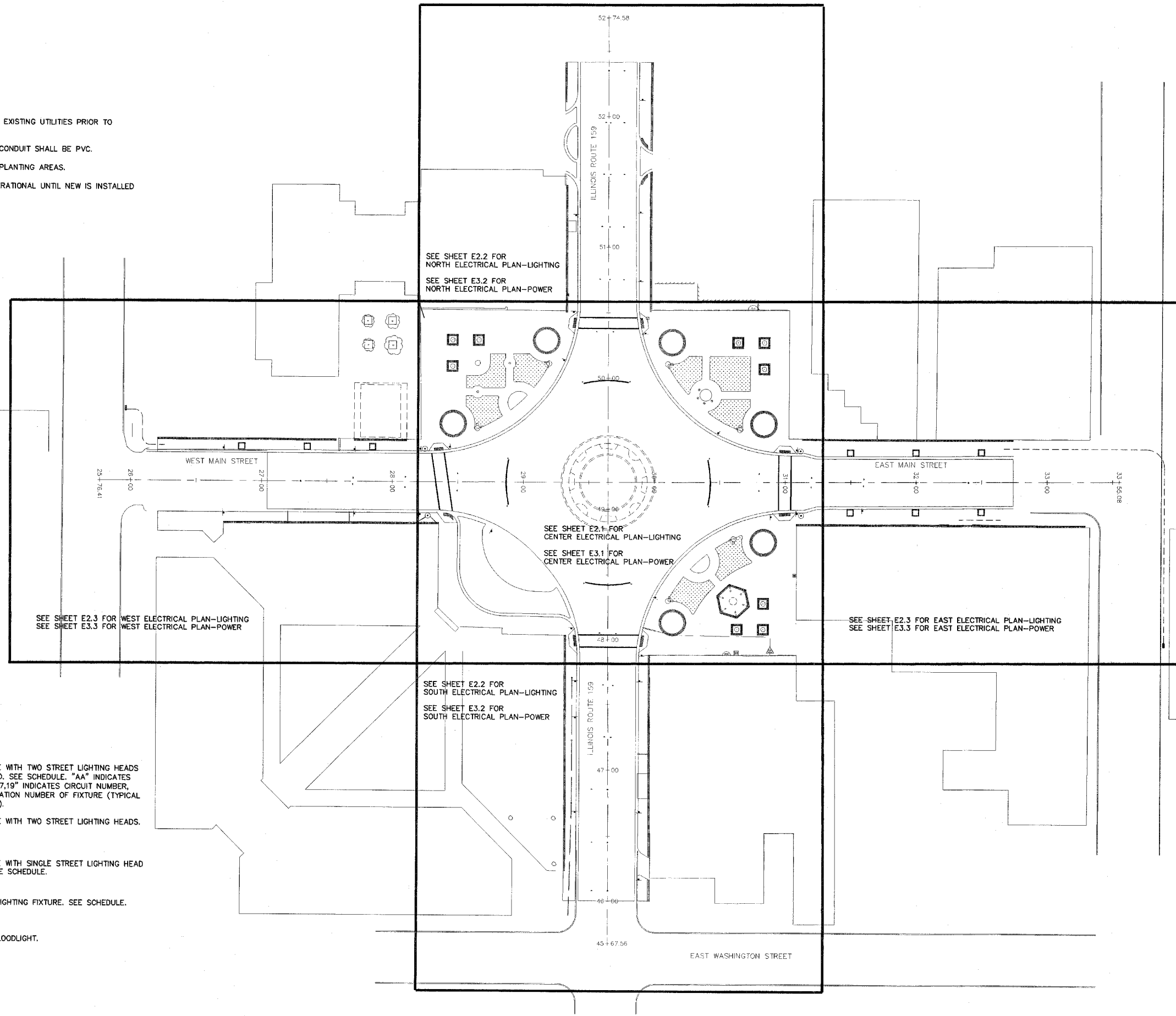
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESF	SHEET
DRAWN BY: GYK/ESF	32
CHECKED BY: BEC	DE1.0
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	

SHEET NO. 1 OF 13 SHEETS  
 PROJECT NUMBER 07-0041

**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.



**SYMBOL LEGEND**

- AA  
17,19  
28+76LT
  - AB  
18,20  
28+76RT
  - B  
17,19  
28+21LT
  - C  
22,24  
28+46RTI
  - D  
22,24  
30+52RT2
  - E  
22,24  
30+64RT
  - DUPLEX RECEPTACLE
  - GFI DUPLEX RECEPTACLE
  - SVC
- STREET LIGHTING FIXTURE WITH TWO STREET LIGHTING HEADS AND ONE SIDEWALK HEAD. SEE SCHEDULE. "AA" INDICATES FIXTURE DESIGNATION, "17,19" INDICATES CIRCUIT NUMBER, "28+76LT" INDICATES STATION NUMBER OF FIXTURE (TYPICAL FOR ALL LIGHT FIXTURES).
- STREET LIGHTING FIXTURE WITH TWO STREET LIGHTING HEADS. SEE SCHEDULE.
- STREET LIGHTING FIXTURE WITH SINGLE STREET LIGHTING HEAD AND SIDEWALK HEAD. SEE SCHEDULE.
- DECORATIVE POST-TOP LIGHTING FIXTURE. SEE SCHEDULE.
- INGROUND WALL WASH FLOODLIGHT.
- INGROUND SPOT LIGHT.
- ELECTRICAL SERVICE PEDESTAL/LIGHTING CONTROLLER. SEE ONE-LINE DIAGRAMS ON SHEET E4.3 AND DETAIL #1/E4.4.

**ELECTRICAL SITE PLAN - NEW WORK**

1" = 40'-0"



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LICENSE NO. 18-000713  
 ILLINOIS PROFESSIONAL DESIGNER  
 PROFESSIONAL ENGINEERING CORP. 20-308608

SEAL

Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

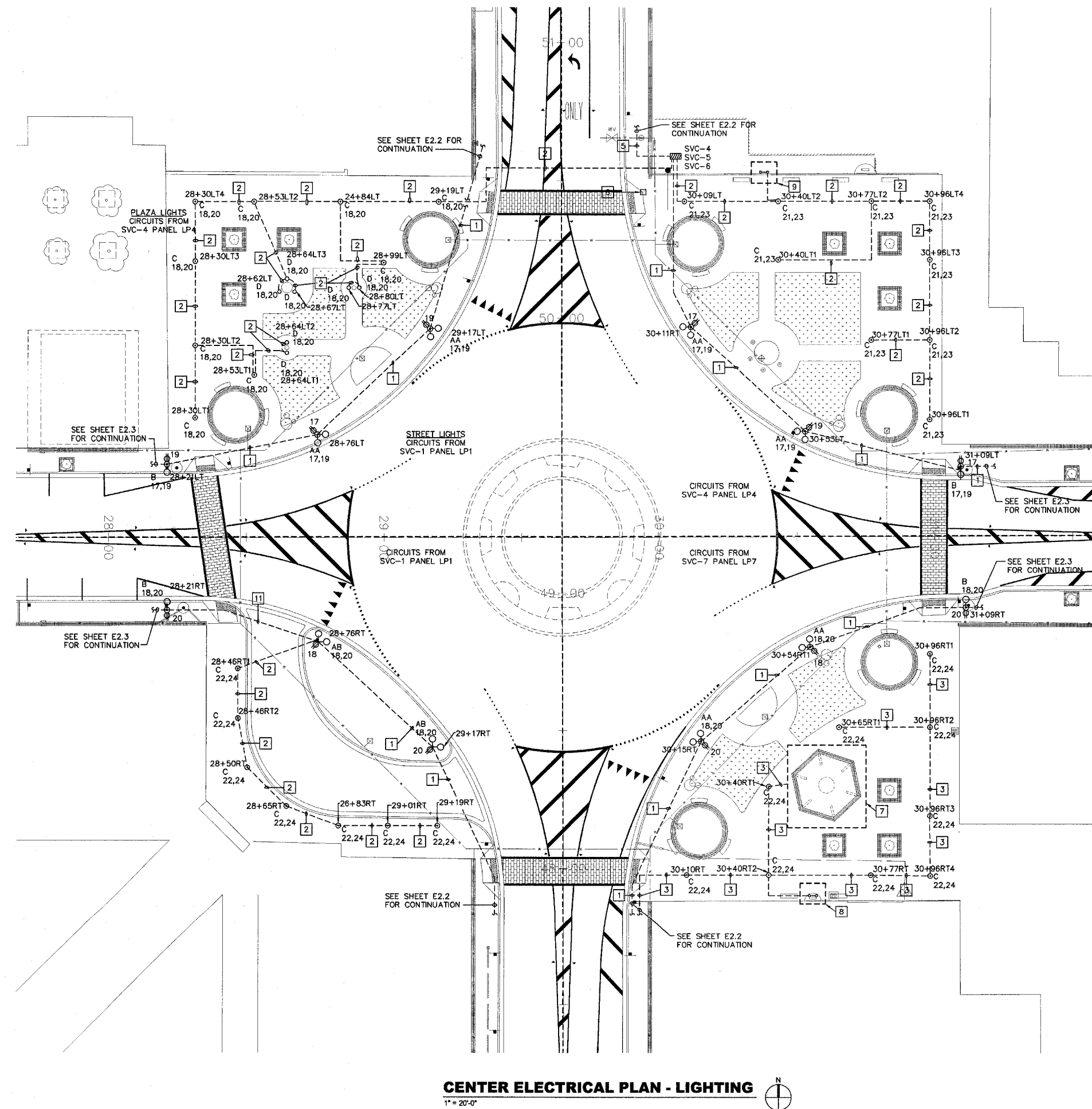
REV	DATE	DESCRIP

SHEET TITLE: **ELECTRICAL SITE PLAN - NEW WORK**

PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESF	SHEET
DRAWING BY: GYK/ESF	33
CHECKED BY: BEC	E1.0
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	

SHEET NO. 2 OF 13 SHEETS  
 PROJECT NUMBER 07-0041



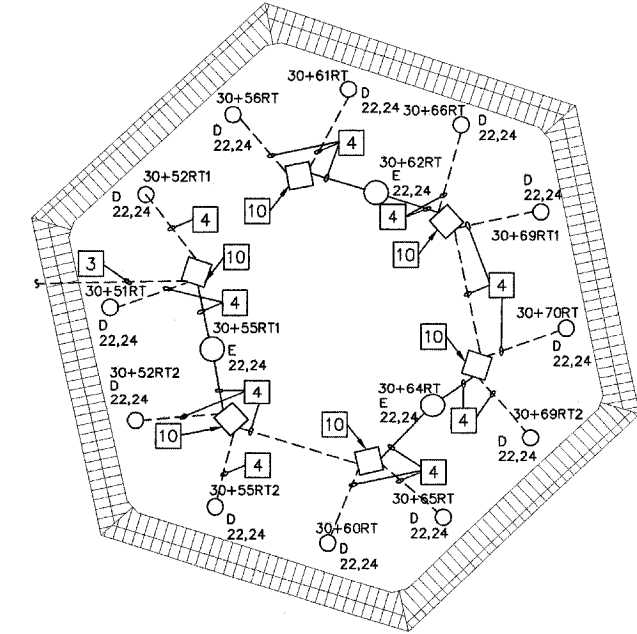
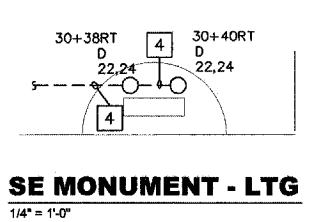
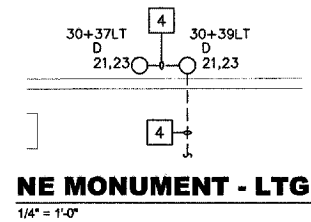
**CENTER ELECTRICAL PLAN - LIGHTING**  
1" = 20'-0"

**GENERAL NOTES**

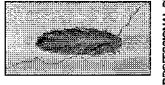
1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.
5. ALL WORK ON EAST SIDE MUST BE COMPLETED PRIOR TO FESTIVAL (ART ON SQUARE).

**KEYED NOTES**

- 1 PROVIDE A 1 1/2" PVC CONDUIT WITH (2) #6, (1) #6N (1) #10G.
- 2 PROVIDE A 1" PVC CONDUIT WITH (2) #8, AND (1) #10G.
- 3 PROVIDE A 1 1/2" PVC CONDUIT WITH (2) #6, AND (1) #10G.
- 4 PROVIDE A 1" PVC CONDUIT WITH (2) #10, AND (1) #10G.
- 5 PROVIDE A 1" PVC CONDUIT WITH (2) #10, (1) #10N AND (1) #10G.
- 6 PROVIDE NEW HEAVY DUTY HANDHOLE. SEE DETAIL #6/E4.1.
- 7 SEE "SE PLAZA FLAG POLE-LIGHTING" DETAIL THIS SHEET FOR WIRING INFORMATION.
- 8 SEE "SE MONUMENT-LIGHTING" DETAIL THIS SHEET FOR WIRING INFORMATION.
- 9 SEE "NE MONUMENT-LIGHTING" DETAIL THIS SHEET FOR WIRING INFORMATION.
- 10 PROVIDE A 12"x12" HANDHOLE ROUTE CONDUIT AROUND EXISTING MONUMENTS.
- 11 PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #8, AND (1) #10 GROUND FOR S.W. PLAZA LIGHTS; AND (2) #6, (1) #6 NEUTRAL, AND (1) #10 GROUND FOR S.W. STREET LIGHTS.



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LANCE L. ILLI  
18-00473  
20-00068  
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ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP.

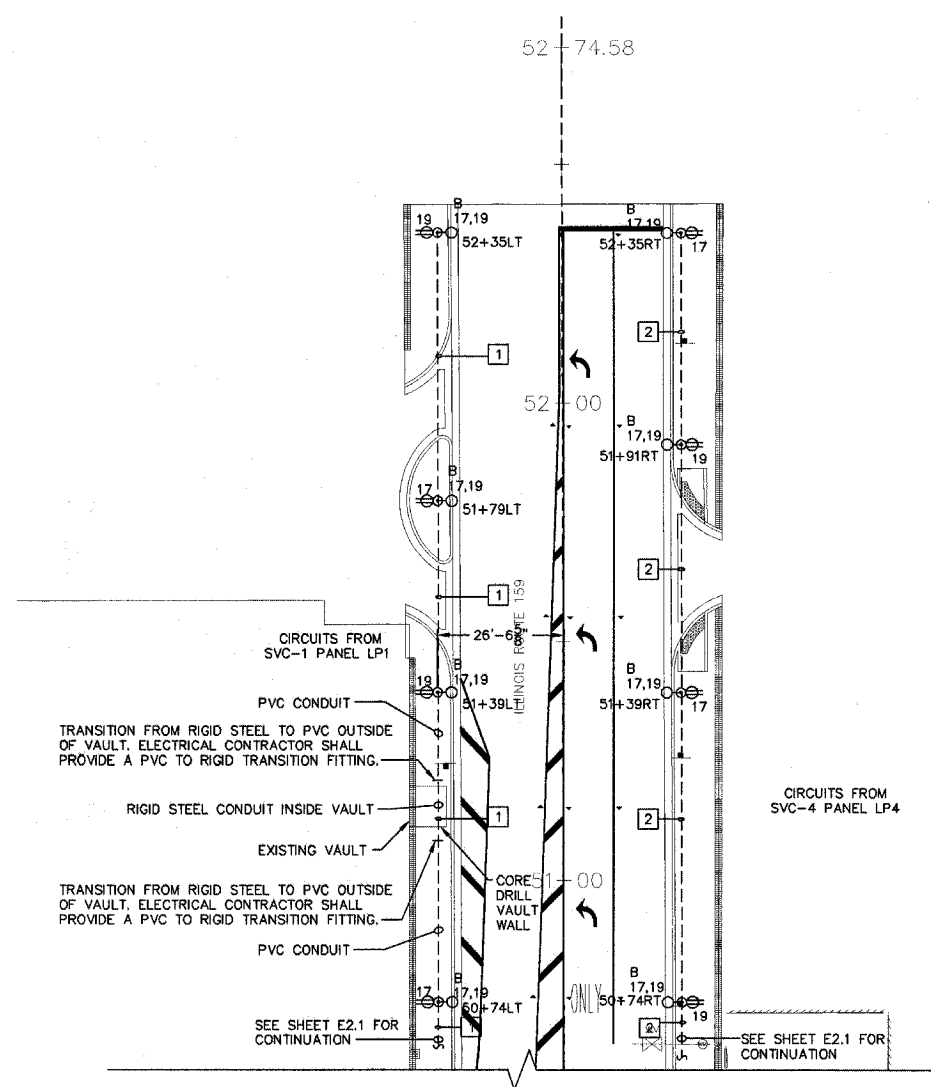
**BRIC**  
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ST. LOUIS, MISSOURI 63102  
TEL: 618.277.5200 FAX: 618.277.9227

Signature: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

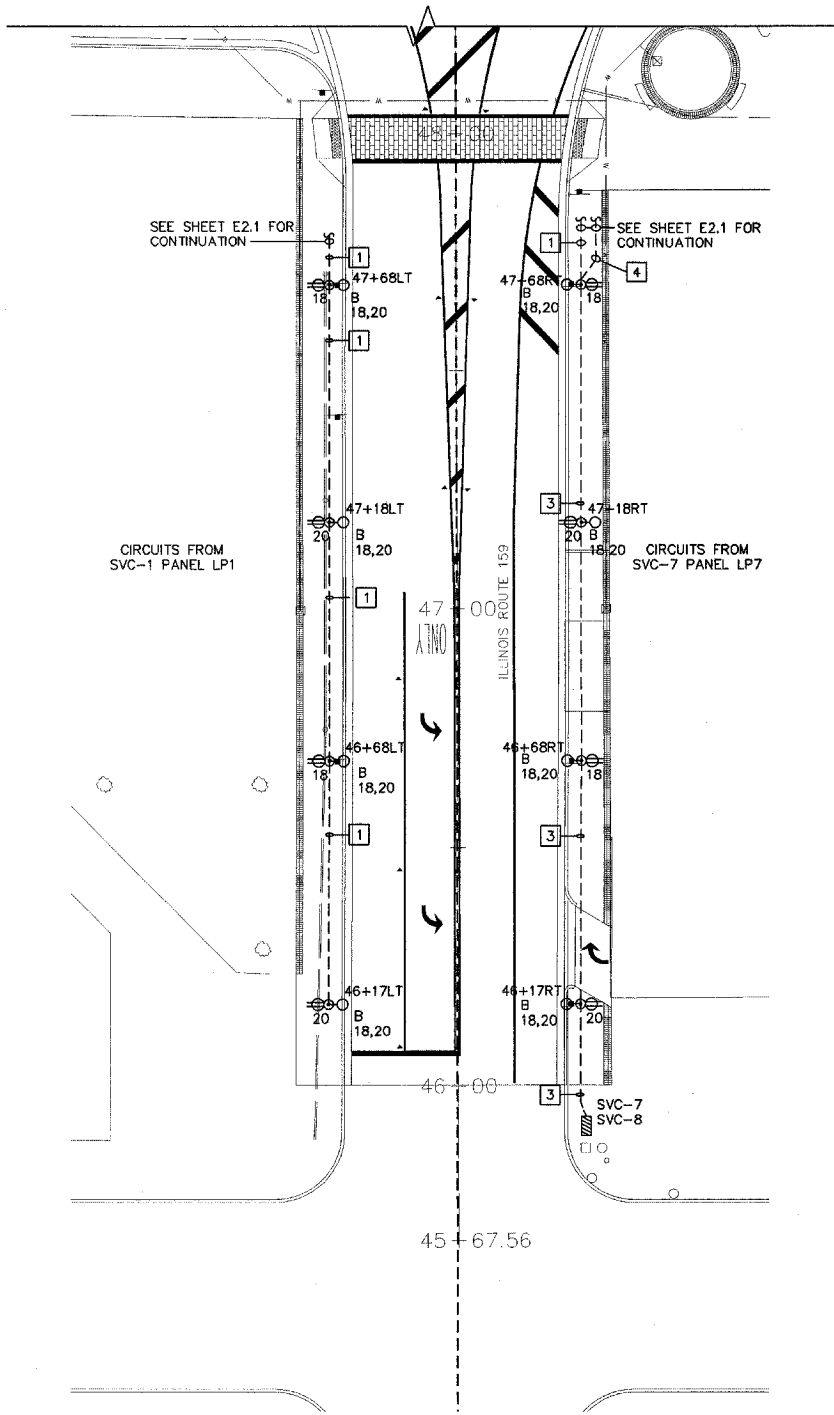
REV.	DATE	DESCRIP

SHEET TITLE: **CENTER ELECTRICAL SITE PLAN - LIGHTING**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: <b>ESP</b>	SHEET
DRAWN BY: <b>GYK/BSF</b>	<b>34</b>
CHECKED BY: <b>BEC</b>	<b>E2.1</b>
DATE OF PRELIMINARY: <b>08/17/2007</b>	
DATE OF FINAL: <b> </b>	
SHEET NO. <b>3</b> OF <b>13</b> SHEETS	
PROJECT NUMBER <b>07-0041</b>	



**NORTH ELECTRICAL PLAN - LIGHTING**  
1" = 20'-0"



**SOUTH ELECTRICAL PLAN - LIGHTING**  
1" = 20'-0"

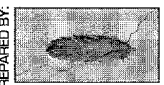
**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.

**KEYED NOTES**

- 1 PROVIDE A 1 1/2" PVC CONDUIT WITH (2) #6, (1) #6N AND (1) #10G.
- 2 PROVIDE A 1" PVC CONDUIT WITH (2) #10, (1) #10N AND (1) #10G.
- 3 PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #6, AND (1) #10 GROUND FOR S.E. PLAZA LIGHTS; AND (2) #6, (1) #6 NEUTRAL, AND (1) #10 GROUND FOR S.E. STREET LIGHTS.
- 4 PROVIDE A 1 1/2" PVC CONDUIT WITH (2) #6, AND (1) #10G.

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Belleville, Illinois 62220  
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LUNIS PROFESSIONAL DESIGN FIRM  
LUNIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP.  
LICENSE NO. 18404773  
20-508096

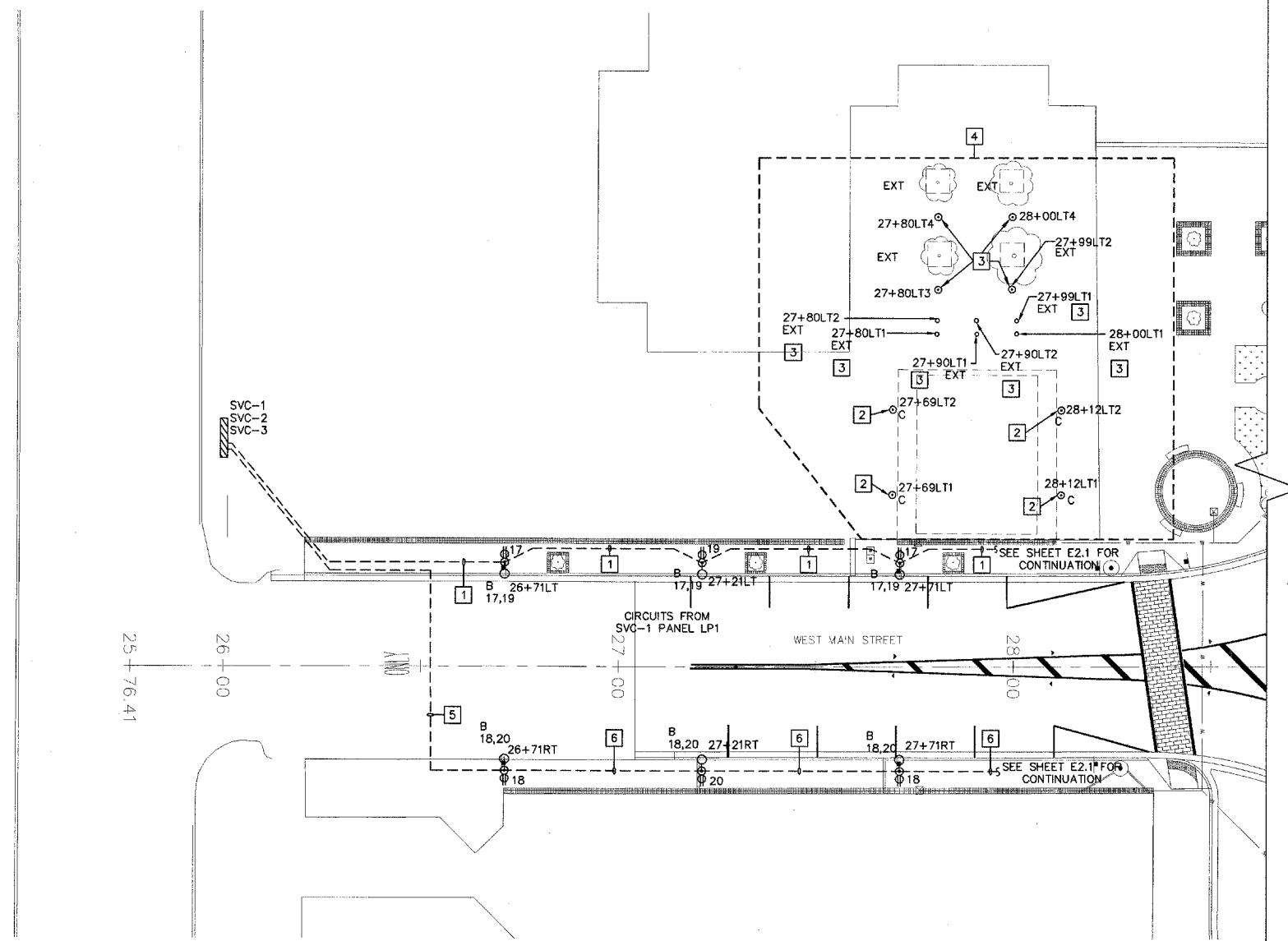
**BRiC**  
PARTNERSHIP, LLC  
CONSULTING ENGINEERS  
100 EAST WASHINGTON, SUITE 220  
BELLEVILLE, ILLINOIS 62220  
TEL 618.277.5200 FAX 618.277.5227

Signature: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

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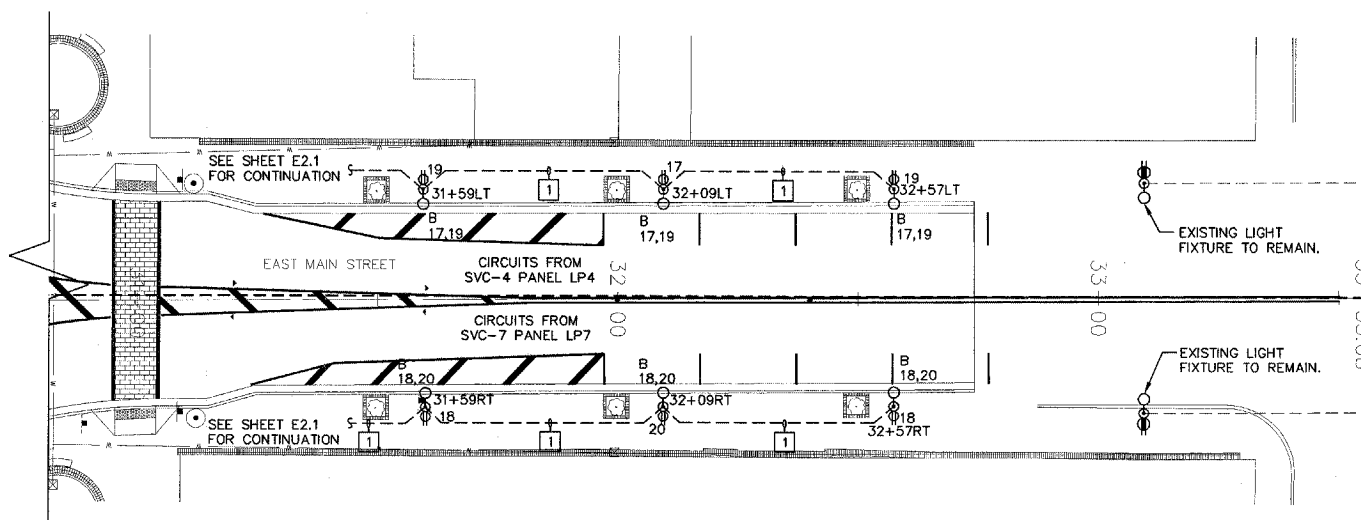
SHEET TITLE: **NORTH AND SOUTH ELECTRICAL PLANS - LIGHTING**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESF	SHEET
DRAWN BY: GYK/ESF	35
CHECKED BY: BEC	E2.2
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	
SHEET NO. 4	OF 13 SHEETS
PROJECT NUMBER 07-0041	



**WEST ELECTRICAL PLAN - LIGHTING**

1" = 20'-0"



**EAST ELECTRICAL PLAN - LIGHTING**

1" = 20'-0"



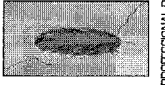
**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.
5. ALL WORK ON EAST SIDE MUST BE COMPLETED PRIOR TO FESTIVAL (ART ON SQUARE).

**KEYED NOTES**

1. PROVIDE A 1 1/2" PVC CONDUIT WITH (2) #6, (1) #6N (1) #10G
2. REPLACE EXISTING FIXTURE. USE EXISTING WIRING IN PLACE. PROVIDE NECESSARY ANCHOR BOLT ADJUSTMENT TEMPLATE TO ACCOMMODATE NEW FIXTURE ANCHOR BOLTS.
3. EXISTING FIXTURE TO REMAIN. PROTECT EXISTING FIXTURE, WIRE, AND CONDUIT THROUGHOUT CONSTRUCTION.
4. CIRCUITING TO LIGHTING FIXTURES IN THIS AREA IS EXISTING TO REMAIN.
5. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #8, AND (1) #10 GROUND FOR S.W. PLAZA LIGHTS; AND (2) #6, (1) #6 NEUTRAL, AND (1) #10 GROUND FOR S.W. STREET LIGHTS. BORE UNDER WEST MAIN STREET.
6. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #8, AND (1) #10 GROUND FOR S.W. PLAZA LIGHTS; AND (2) #6, (1) #6 NEUTRAL, AND (1) #10 GROUND FOR S.W. STREET LIGHTS.

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PREPARED BY:   
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 ILLINOIS PROFESSIONAL DESIGN FIRM  
 PROFESSIONAL ENGINEERING CORP.  
 20-386688

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 BELLEVILLE, ILLINOIS 62202  
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SEAL

Signature: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

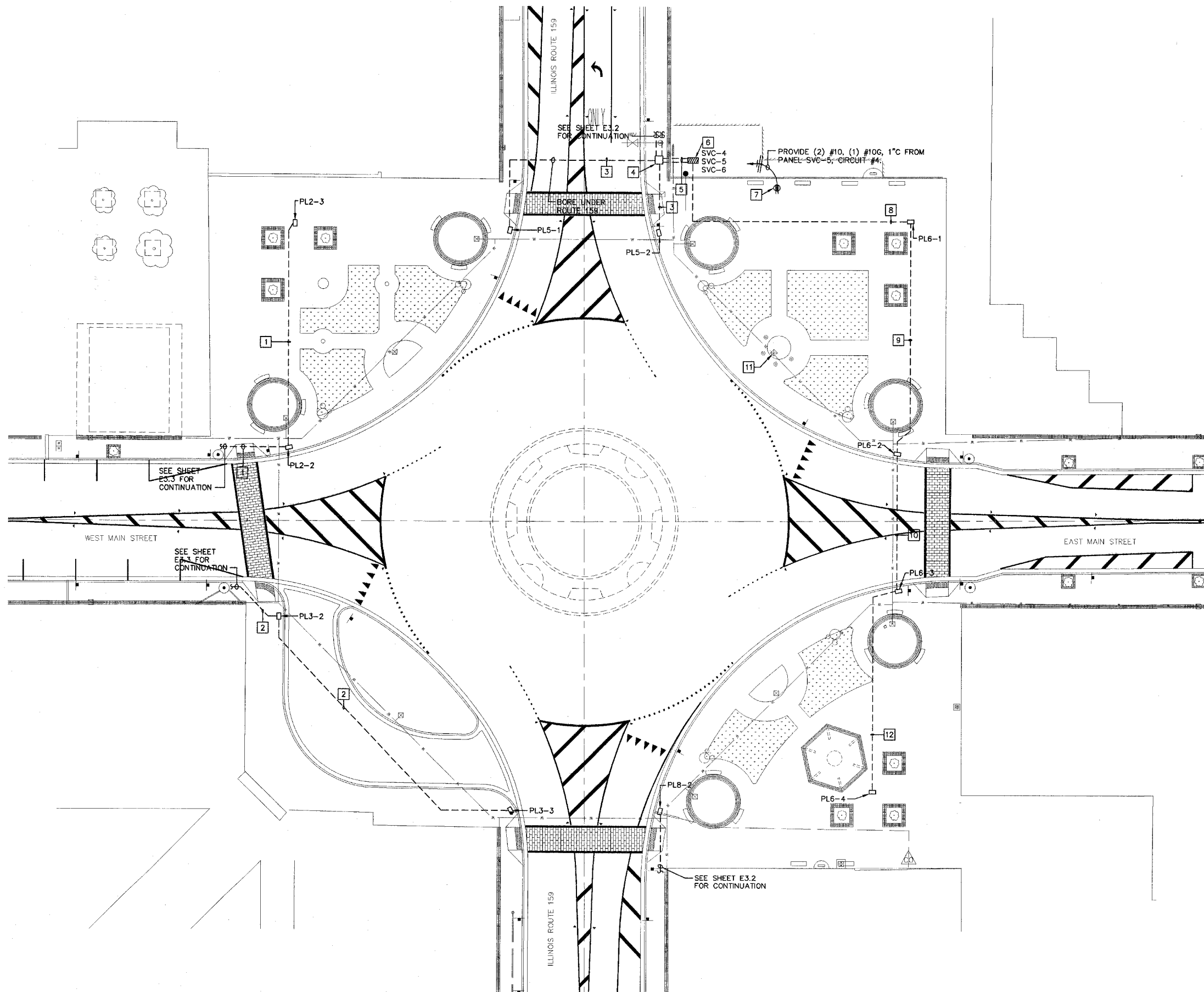
REV	DATE	DESCRIP

SHEET TITLE: **EAST AND WEST ELECTRICAL PLANS - LIGHTING**

PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESP	SHEET
DRAWN BY: GYK/ESP	36
CHECKED BY: BEC	E2.3
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	
SHEET NO. 5 OF 13 SHEETS	
PROJECT NUMBER 07-0041	





**ELECTRICAL SITE PLAN - NEW WORK**  
1" = 20'-0"



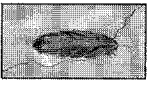
**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.
5. EAST SIDE ELECTRICAL WORK MUST BE COMPLETED PRIOR TO FESTIVAL (ART ON SQUARE).

**KEYED NOTES**

1. PROVIDE A 3" PVC CONDUIT WITH (2) 250MCM, (1) 250MCM NEUTRAL AND (1) #4 GROUND.
2. PROVIDE A 3 1/2" PVC CONDUIT WITH (2) #350MCM, (1) 350MCM NEUTRAL, AND (1) #4 GROUND.
3. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND. BORE/PUSH UNDER ILLINOIS ROUTE 159.
4. PROVIDE A 36"X36" JUNCTION BOX.
5. PROVIDE (4) 3" PVC CONDUITS WITH (2) 350MCM, (1) 350MCM NEUTRAL IN EACH. ALSO PROVIDE (1) 2" PVC CONDUIT WITH (2) #2/0, (1) #2/0 NEUTRAL, AS WELL AS (2) 2-1/2" CONDUITS WITH (2) #4/0, (1) #4/0 NEUTRAL.
6. PROVIDE (2) 400A, AND (1) 100A, 120/240VAC SERVICES, AND INSTALL IN A PEDESTAL. EXISTING SERVICE SHALL REMAIN ENERGIZED OR BE REPLACED PRIOR TO FESTIVAL (ART ON SQUARE). SEE ONE-LINE DIAGRAM ON SHEET E4.3.
7. PROVIDE A RECEPTACLE WITH WEATHERPROOF LOCKABLE IN-USE COVER IN THE BASE OF MONUMENT. PROVIDE A CIRCUIT FROM SVC-5.
8. PROVIDE A 3 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND FOR PL6-1 AND PL6-2, AND (2) 250MCM, (1) 250MCM NEUTRAL, AND (1) #4 GROUND FOR PL6-3 AND PL6-4.
9. PROVIDE A 3 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND FOR PL6-2, AND (2) 250MCM, (1) 250MCM NEUTRAL, AND (1) #4 GROUND FOR PL6-3 AND PL6-4.
10. PROVIDE A 3" PVC CONDUIT WITH (2) #250MCM, (1) 250MCM NEUTRAL, AND (1) #4 GROUND. BORE/PUSH UNDER EAST MAIN STREET.
11. EXISTING CLOCK. INTERCEPT EXISTING CONDUIT FEEDING CLOCK. PROVIDE (2) #10, (1) #10G, 1" C FROM PANEL SVC-7 LP7, CIRCUIT #2 TO CLOCK AND RECONNECT.
12. PROVIDE A 3" PVC CONDUIT WITH (2) #250MCM, (1) 250MCM NEUTRAL, AND (1) #4 GROUND.

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PROFESSIONAL REGISTRATIONS ILLINOIS PROFESSIONAL DESIGN FIR PROFESSIONAL ENGINEERING CORP. 20-006066

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100 EAST WASHINGTON, SUITE 220  
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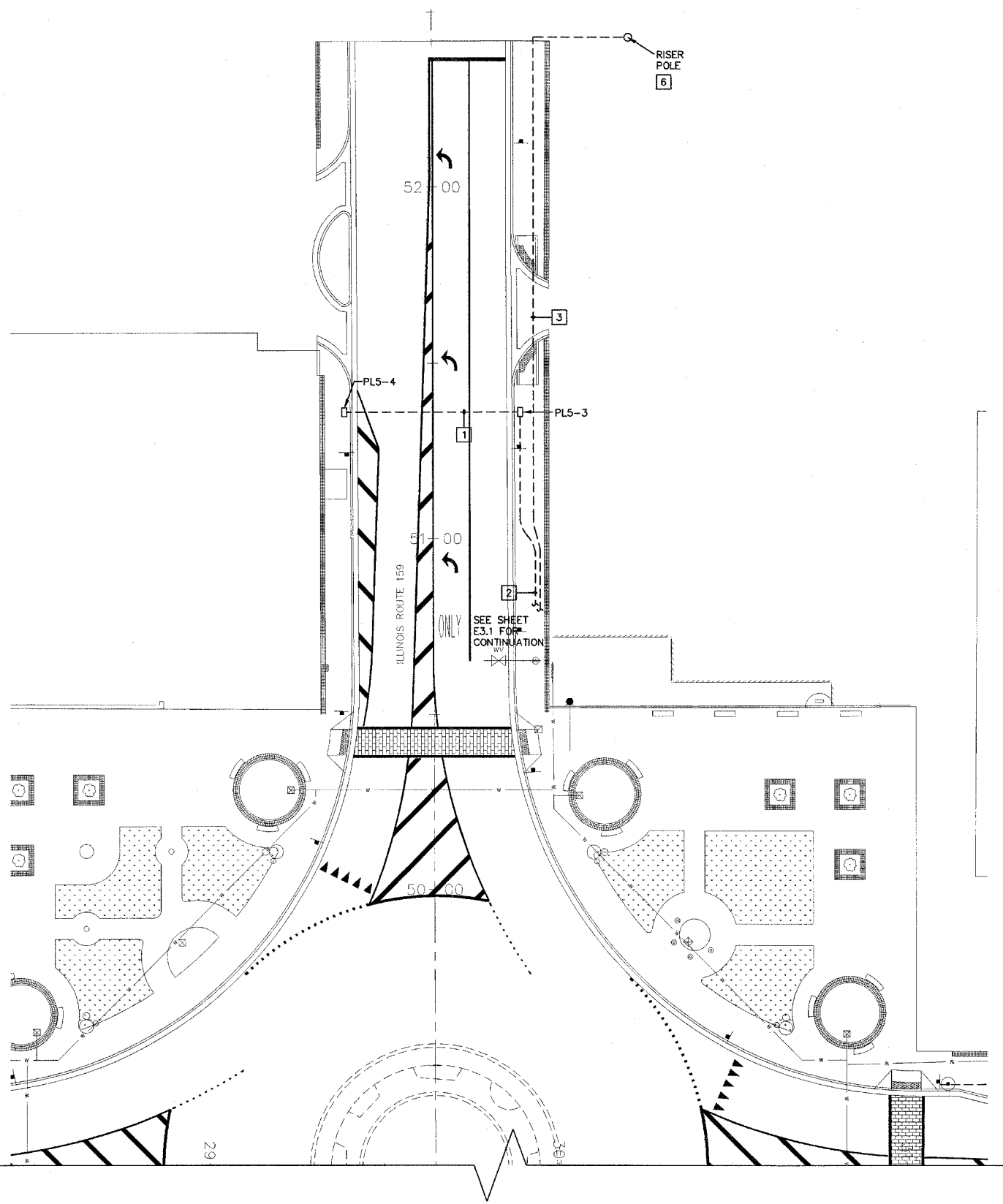
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Expiration Date: \_\_\_\_\_

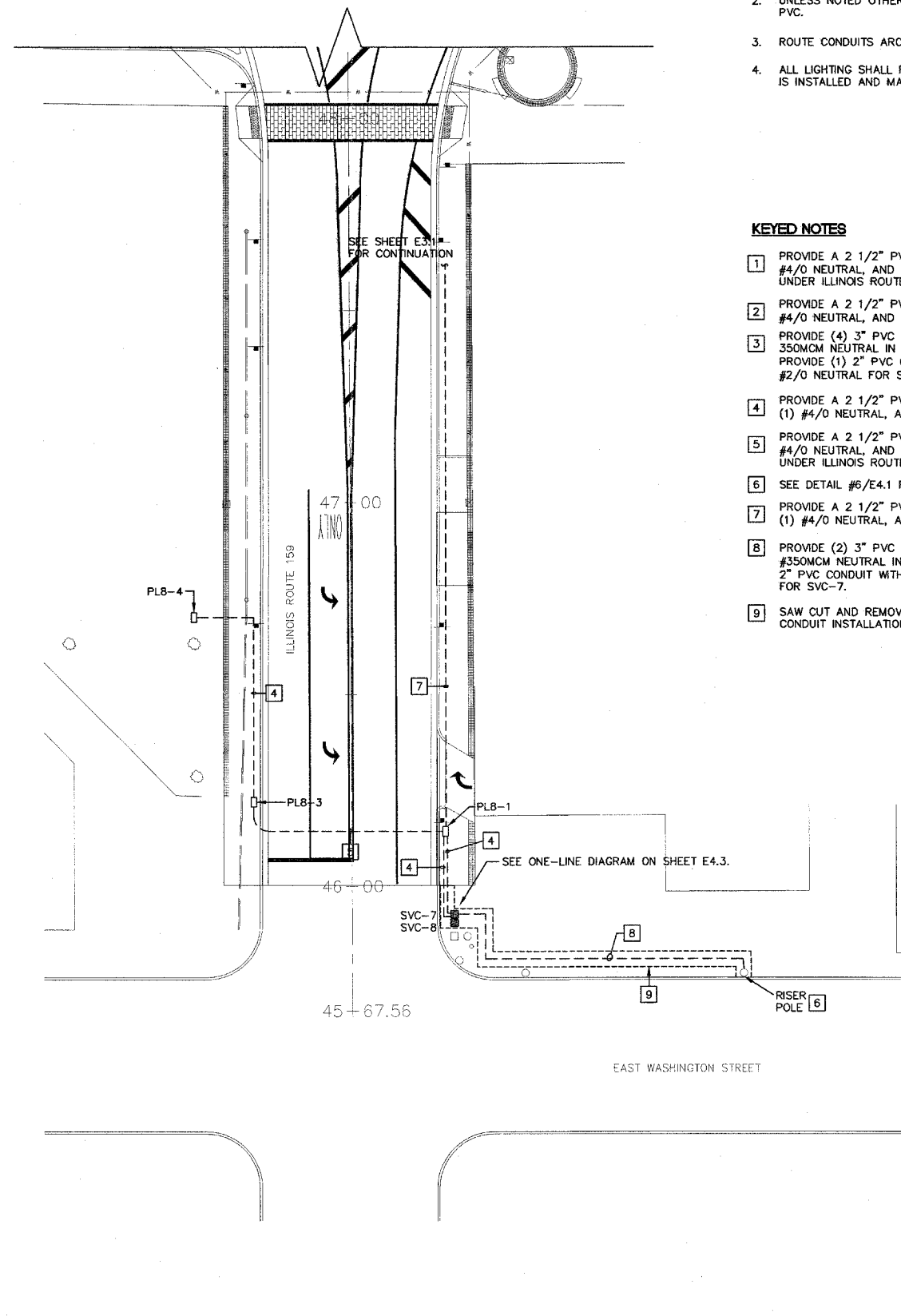
REV	DATE	DESCRIP

SHEET TITLE: **CENTER ELECTRICAL SITE PLAN - POWER**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESP	SHEET
DRAWN BY: GYK/ESP	37
CHECKED BY: BEC	E3.1
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	
SHEET NO. 6	OF 13 SHEETS
PROJECT NUMBER 07-0041	



**NORTH ELECTRICAL PLAN - POWER**  
1" = 20'-0"



**SOUTH ELECTRICAL PLAN - POWER**  
1" = 20'-0"




**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.

**KEYED NOTES**

1. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND. BORE/PUSH UNDER ILLINOIS ROUTE 159.
2. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND.
3. PROVIDE (4) 3" PVC CONDUITS WITH (2) 350MCM, (1) 350MCM NEUTRAL IN EACH FOR SVC-5 AND SVC-6. PROVIDE (1) 2" PVC CONDUIT WITH (2) #2/0, (1) #2/0 NEUTRAL FOR SVC-4.
4. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, AND (1) #4/0 NEUTRAL, AND (1) #4 GROUND.
5. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, (1) #4/0 NEUTRAL, AND (1) #4 GROUND. BORE/PUSH UNDER ILLINOIS ROUTE 159.
6. SEE DETAIL #6/E4.1 FOR RISER POLE INFORMATION.
7. PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #4/0, AND (1) #4/0 NEUTRAL, AND (1) #4 GROUND.
8. PROVIDE (2) 3" PVC CONDUITS WITH (2) #350MCM, (1) #350MCM NEUTRAL IN EACH FOR SVC-8. PROVIDE (1) 2" PVC CONDUIT WITH (2) #2/0, (1) #2/0 NEUTRAL FOR SVC-7.
9. SAW CUT AND REMOVE CONCRETE TO ACCOMMODATE CONDUIT INSTALLATION.

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20-306686  
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PROFESSIONAL ENGINEERING CORP.

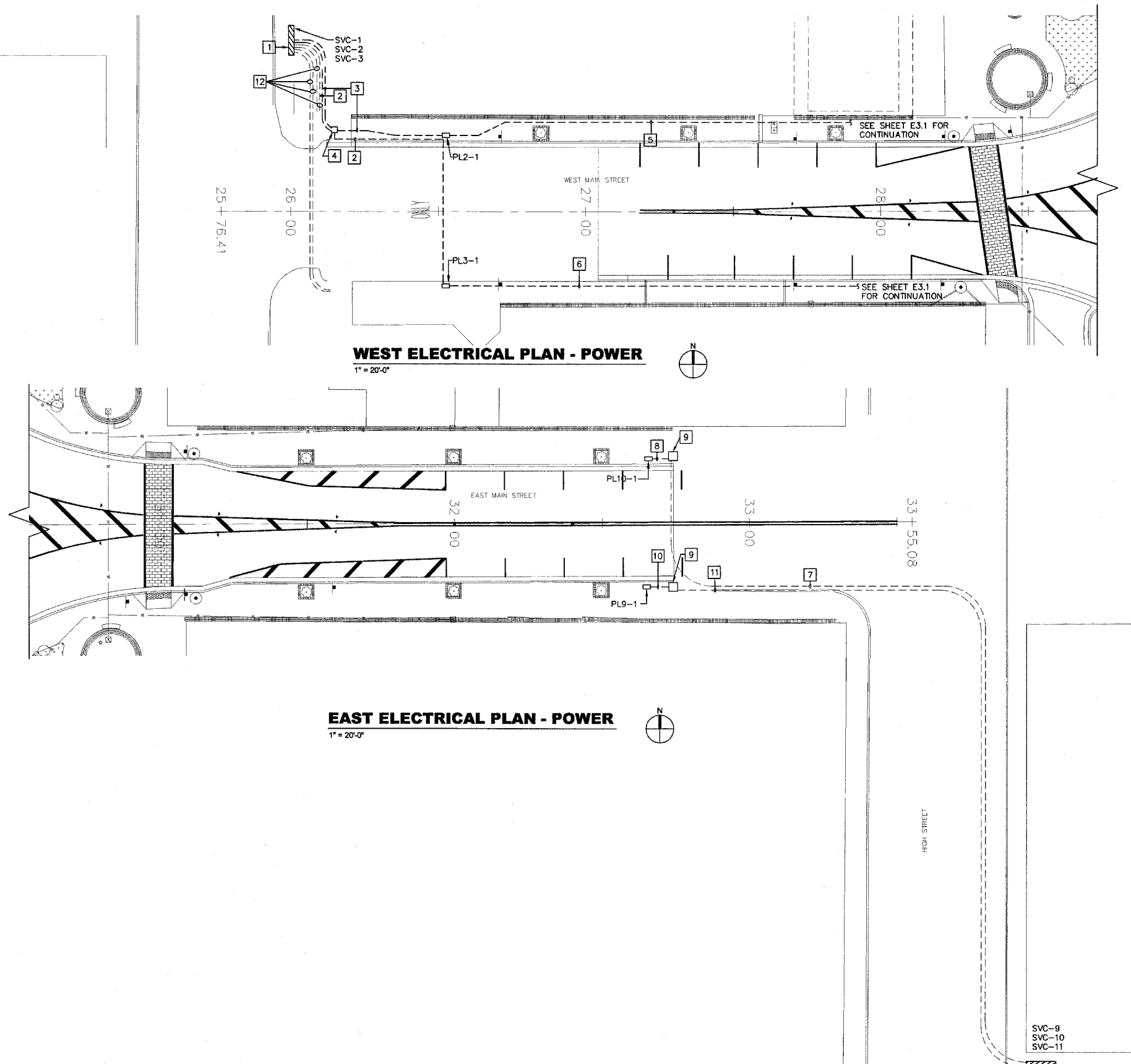
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BELLEVILLE, ILLINOIS 62202  
TEL. 618.277.5200 FAX. 618.277.5227

Signature: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

REV	DATE	DESCRIP

SHEET TITLE: **NORTH AND SOUTH ELECTRICAL PLANS - POWER**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESF	SHEET
DRAWN BY: GYK/ESF	38
CHECKED BY: BEC	E3.2
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	
SHEET NO. 7 OF 13 SHEETS	
PROJECT NUMBER 07-0041	



**WEST ELECTRICAL PLAN - POWER**  
1" = 20'-0"

**EAST ELECTRICAL PLAN - POWER**  
1" = 20'-0"


**GENERAL NOTES**

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL FESTIVAL IS INSTALLED AND MADE OPERATIONAL.
5. EAST SIDE ELECTRICAL WORK MUST BE COMPLETED PRIOR TO FESTIVAL (ART ON SQUARE).

**KEYED NOTES**

- 1 EXISTING SERVICES CONNECT TO 400A CIRCUIT BREAKER OF THE 400A METERS. SEE DETAIL #4/E4.3.
- 2 PROVIDE A 3 1/2" PVC CONDUIT WITH (2) #1, (1) #1 NEUTRAL AND (1) #6 GROUND FOR PL3-1, AND (2) 350MCM, (1) 350MCM NEUTRAL AND (1) #4 GROUND FOR PL3-2 AND PL3-3.
- 3 PROVIDE A 3 1/2" PVC CONDUIT WITH (2) #1, (1) #1 NEUTRAL AND (1) #6 GROUND FOR PL2-1, AND (2) 250MCM, (1) 250MCM NEUTRAL AND (1) #4 GROUND FOR PL2-2 AND PL2-3.
- 4 PROVIDE A 24"x24" PULL BOX OVER TOP OF (2) EXISTING 2" CONDUIT STUBS. FIELD VERIFY EXACT LOCATION OF CONDUIT STUBS.
- 5 PROVIDE A 3" PVC CONDUIT WITH (2) 250MCM, AND (1) 250MCM NEUTRAL, AND (1) #4 GROUND.
- 6 PROVIDE A 3 1/2" PVC CONDUIT WITH (2) 350MCM, AND (1) 350MCM NEUTRAL, AND (1) #4 GROUND.
- 7 PROVIDE (2) #2/0, (1) #2/0 NEUTRAL AND (1) #6 GROUND IN EXISTING 4" CONDUIT.
- 8 PROVIDE A 2 1/2" PVC CONDUIT WITH (2) #2/0, AND (1) #2/0 NEUTRAL, AND (1) #6 GROUND.
- 9 EXISTING 4" CONDUITS STUB. LOCATE CONDUIT AND PROVIDE A 24"x24" PULL BOX OVER TOP OF CONDUIT STUBS.
- 10 PROVIDE A 2" PVC CONDUIT WITH (2) #1/0, AND (1) #1/0 NEUTRAL, AND (1) #6.
- 11 PROVIDE (2) #1/0, (1) #1/0 NEUTRAL AND (1) #6 GROUND IN EXISTING 4" CONDUIT.
- 12 EXISTING (2) 2" CONDUITS TO REMAIN AND BE PROTECTED.

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20-3880686  
PROFESSIONAL ENGINEERING CORP.

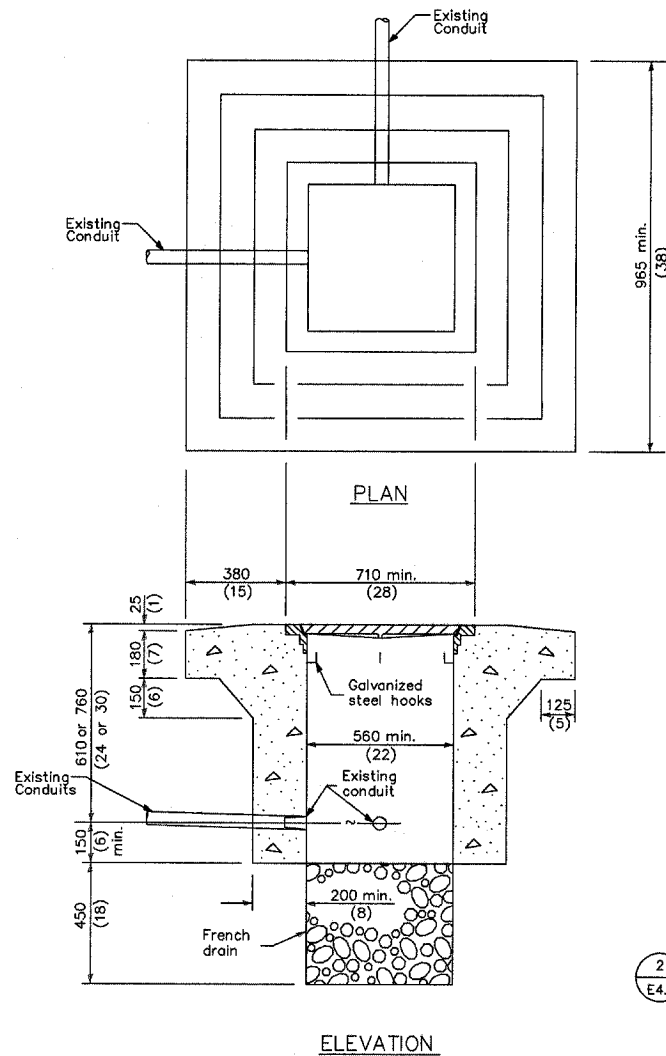
**BRIC**  
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BELLEVILLE, IL 62220  
TEL 618.277.5200 FAX 618.277.5227

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Expiration Date: \_\_\_\_\_

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SHEET TITLE: **EAST AND WEST ELECTRICAL PLANS - POWER**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

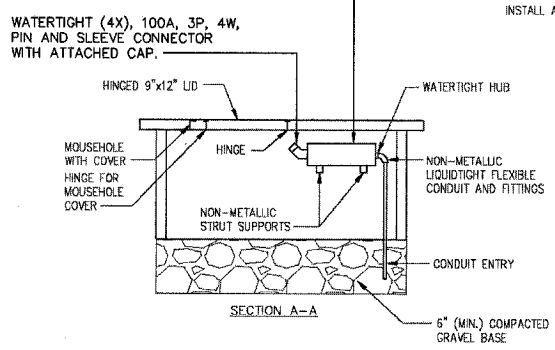
DESIGNED BY: F/SF	SHEET
DRAWN BY: GYK/F/SF	30
CHECKED BY: BEC	33
DATE OF PRELIMINARY: 08/17/2007	33
DATE OF FINAL:	
SHEET NO. 8 OF 13 SHEETS	
PROJECT NUMBER 07-0041	



PORTLAND CEMENT CONCRETE  
HEAVY DUTY

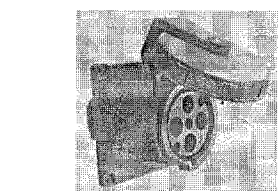
**6 HEAVY DUTY HANDHOLE**  
E4.1 NO SCALE

PROVIDE CAST ALUMINUM BACK BOX (SEE DETAIL #2, THIS SHEET) AND NONMETALLIC (VALOX) NEMA 4X WATERTIGHT PIN AND SLEEVE CONNECTOR WITH INTEGRAL MECHANICAL INTERLOCK (SWITCH) - FUSED (SEE DETAIL #1, THIS SHEET).



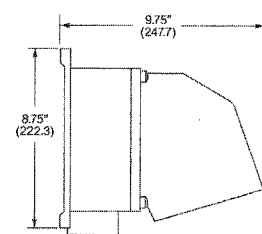
NOTE: ALL FASTENERS SHALL BE 316 STAINLESS STEEL.

**5 100 AMP RECESSED PLUG**  
E4.1 NO SCALE

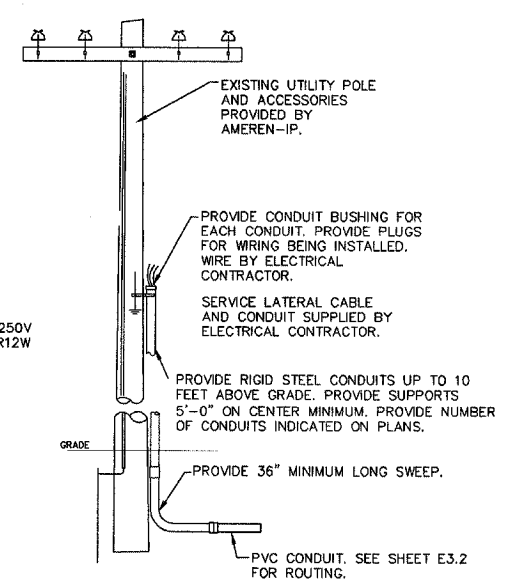


**1 PIN AND SLEEVE**  
E4.1 NO SCALE

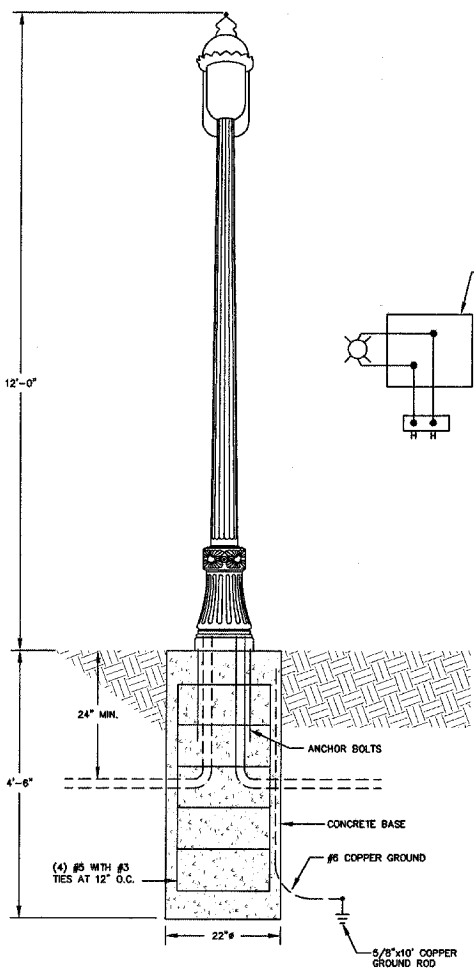
(3P, 4W - 125/250V  
COOPER CW4100R12W  
OR EQUAL)



**2 CAST ALUMINUM BACK BOX**  
E4.1 NO SCALE

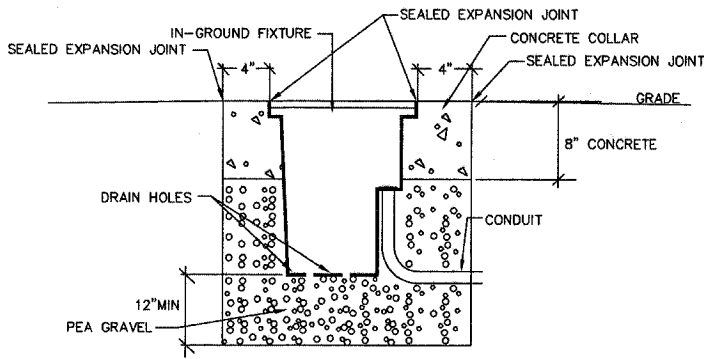
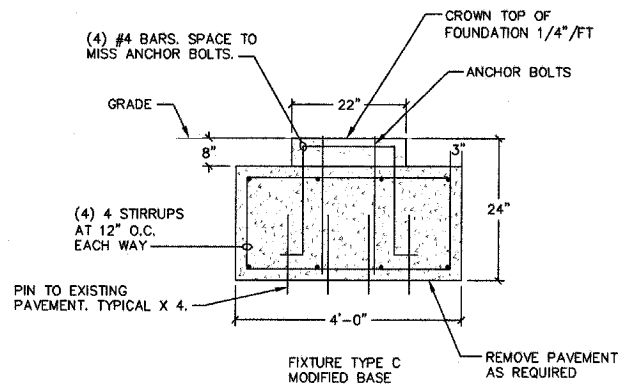


**6 RISER POLE DETAIL**  
E4.1 NO SCALE



**3 LIGHT FIXTURE TYPE C**  
E4.1 NO SCALE

- GENERAL NOTES**
1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
  2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
  3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
  4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.



**4 LIGHT FIXTURE TYPE "D & E" DETAIL**  
E4.1 NO SCALE

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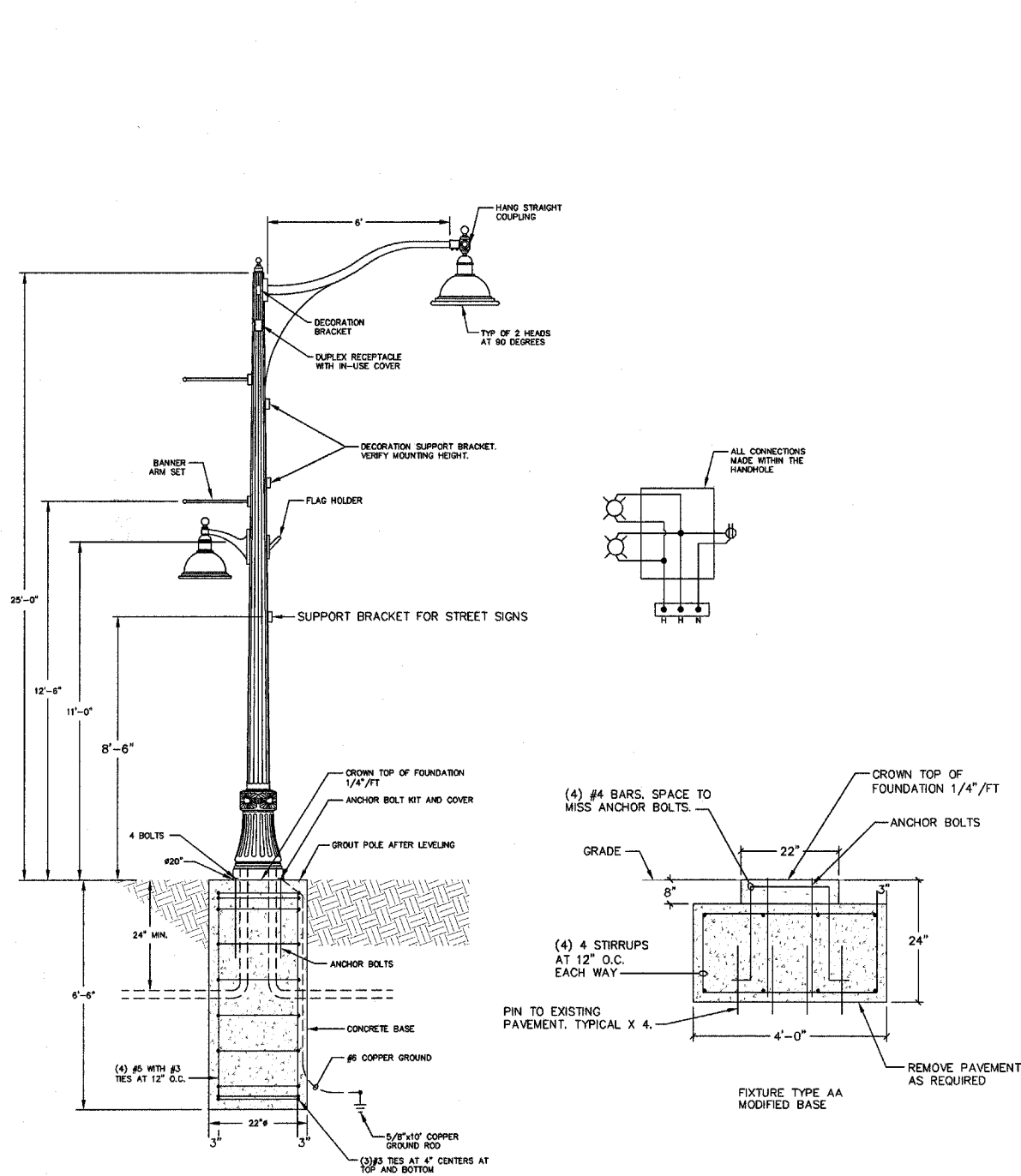
REV	DATE	DESCRIP

SHEET TITLE: **ELECTRICAL DETAILS**  
PROJECT TITLE: **BELLEVILLE SQUARE  
CITY OF BELLEVILLE  
ST. CLAIR COUNTY, ILLINOIS**

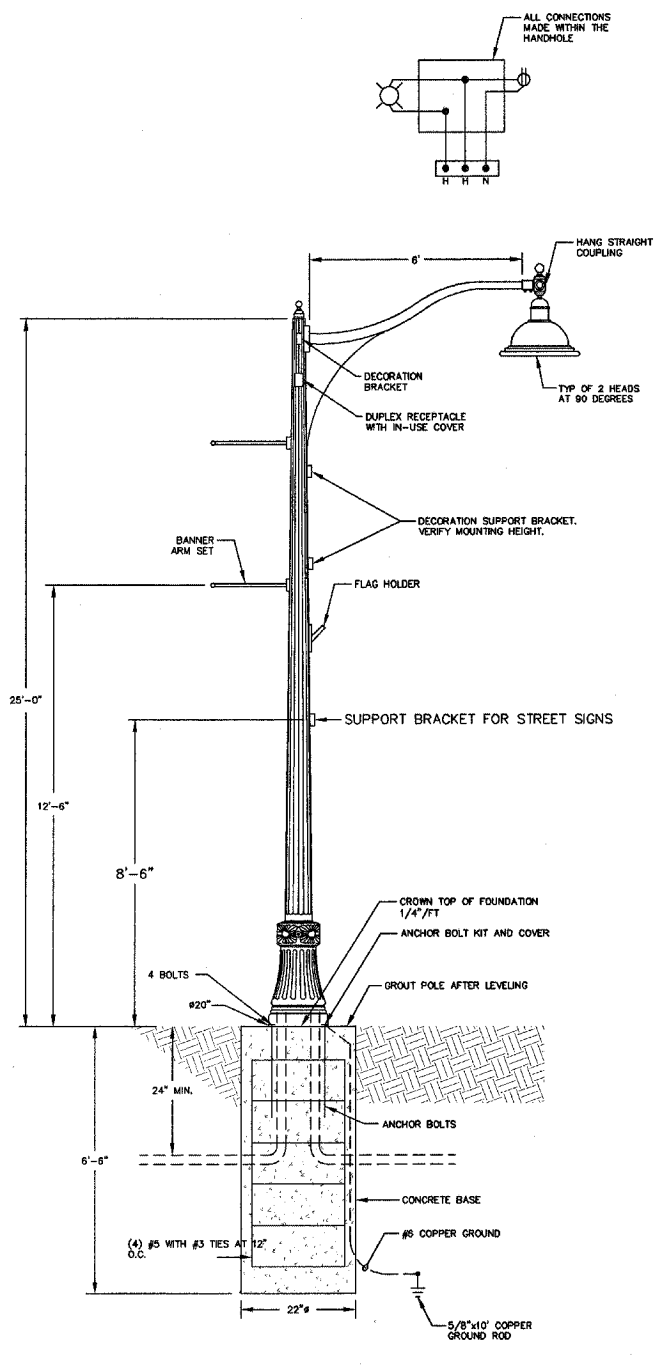
DESIGNED BY: <b>ESF</b>	SHEET
DRAWN BY: <b>GYK/ESP</b>	40
CHECKED BY: <b>BEC</b>	E4.1
DATE OF PRELIMINARY: <b>08/17/2007</b>	
DATE OF FINAL: <b> </b>	
SHEET NO. <b>2</b>	OF 13 SHEETS
PROJECT NUMBER <b>07-0041</b>	

**GENERAL NOTES**

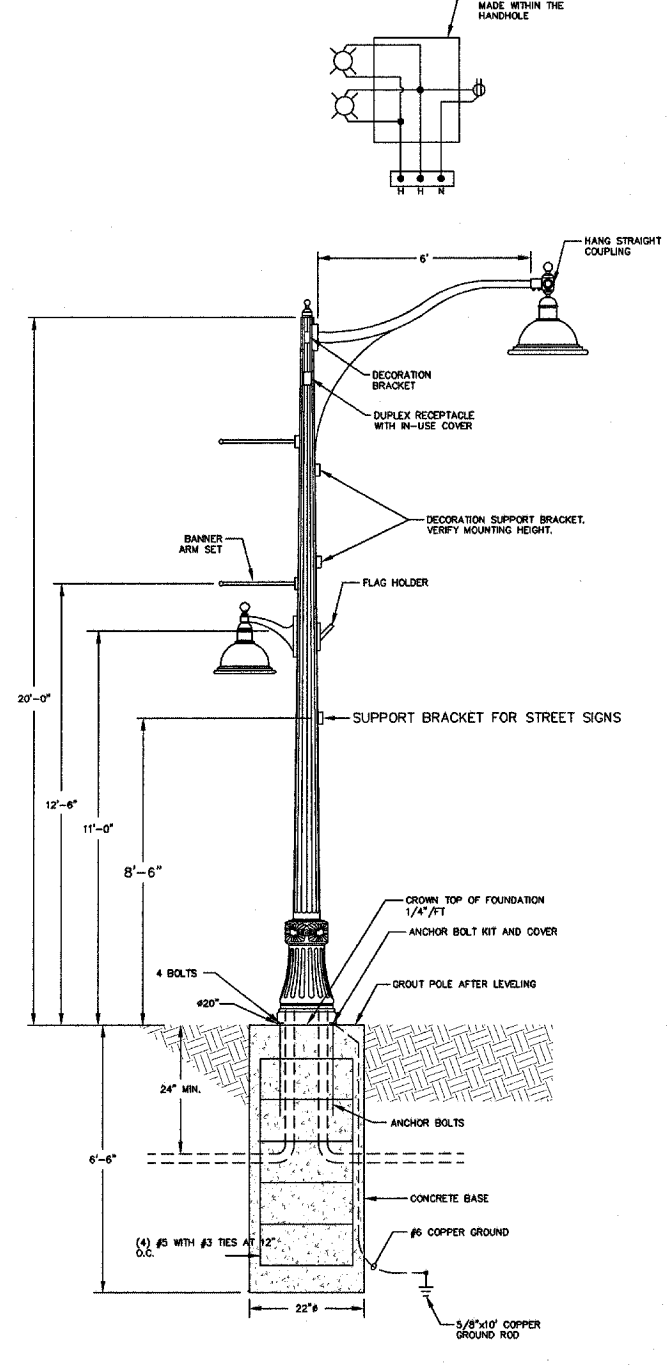
1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
2. UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
3. ROUTE CONDUITS AROUND TREE PLANTING AREAS.
4. ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.



**1 LIGHT FIXTURE TYPE AA**  
E4.2 NO SCALE



**2 LIGHT FIXTURE TYPE AB**  
E4.2 NO SCALE



**3 LIGHT FIXTURE TYPE B**  
E4.2 NO SCALE

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20-080868

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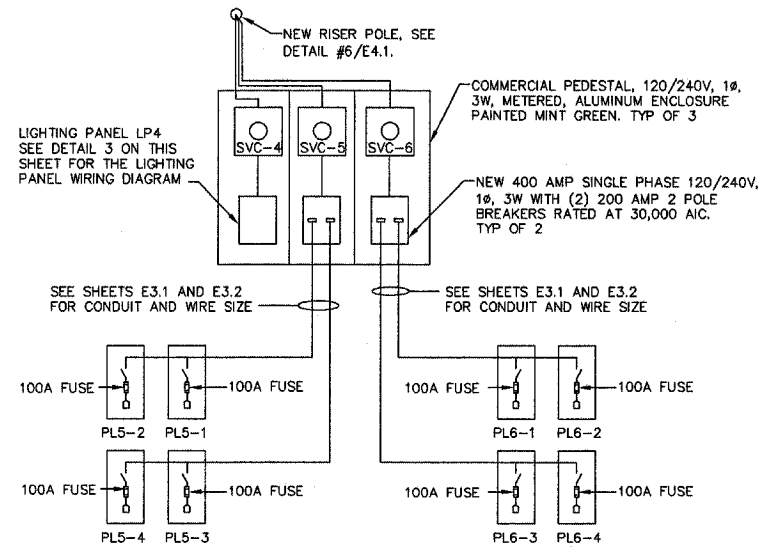
REV	DATE	DESCRIP

SHEET TITLE: **ELECTRICAL DETAILS**

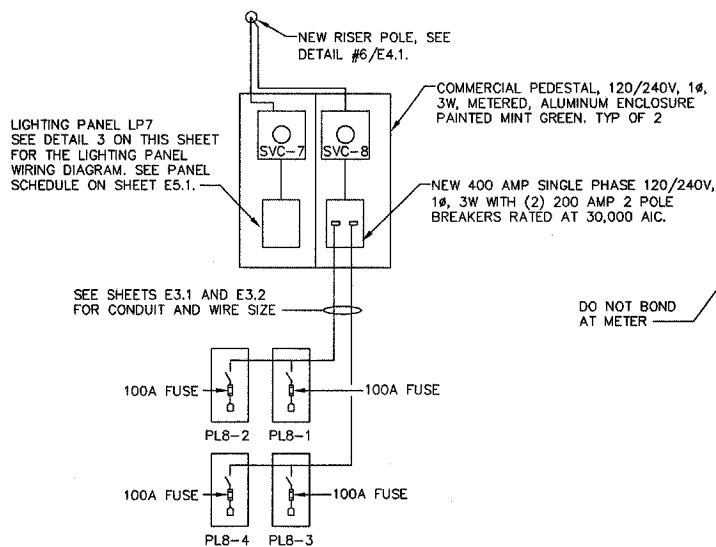
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

DESIGNED BY: ESP	SHEET
DRAWN BY: GYK/ESP	41
CHECKED BY: BEC	E4.2
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	

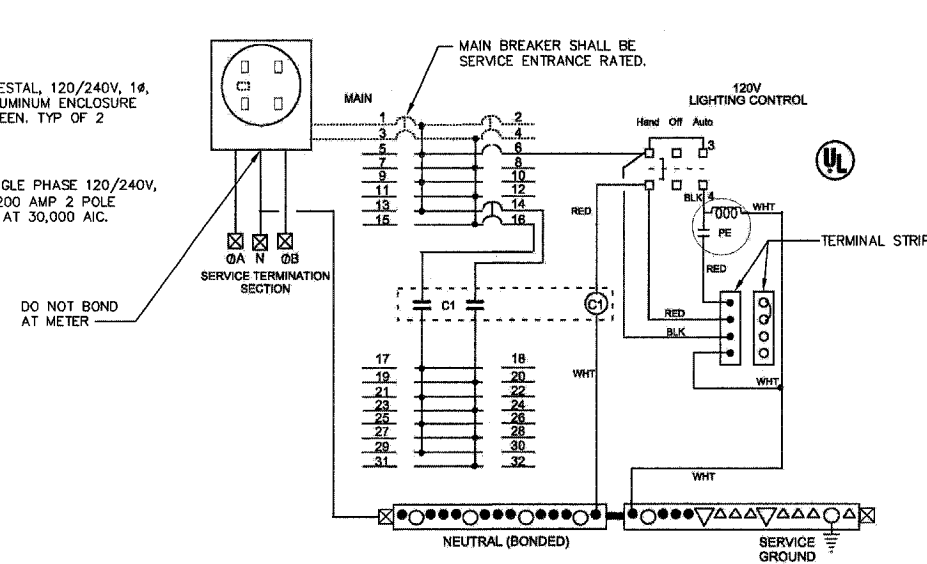
SHEET NO 10 OF 13 SHEETS  
PROJECT NUMBER 07-0041



1  
E4.3  
**NEW SVC-4, SVC-5, SVC-6**  
NONE

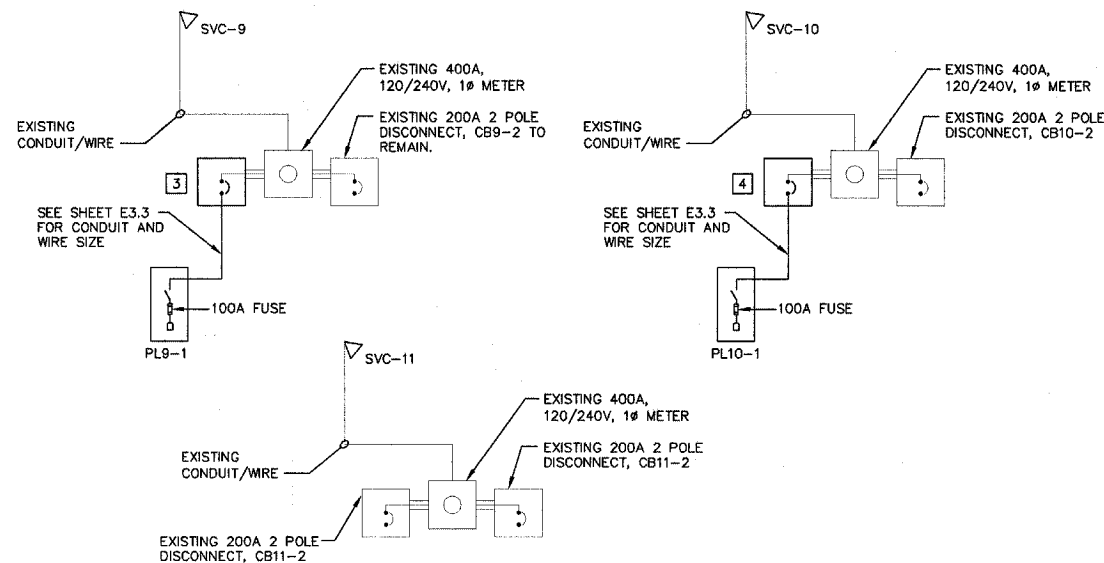


2  
E4.3  
**NEW SVC-7, SVC-8**  
NONE

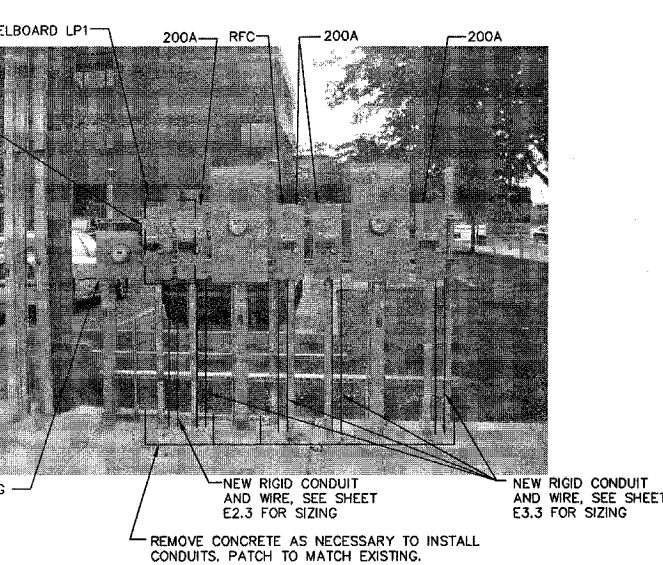
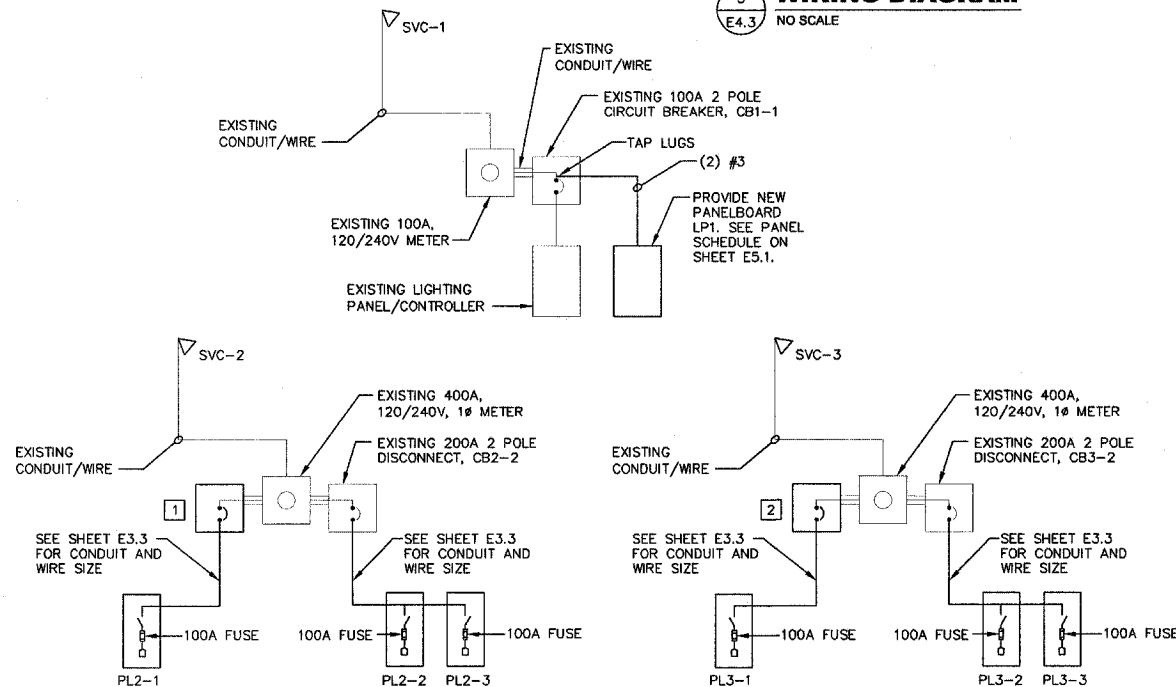
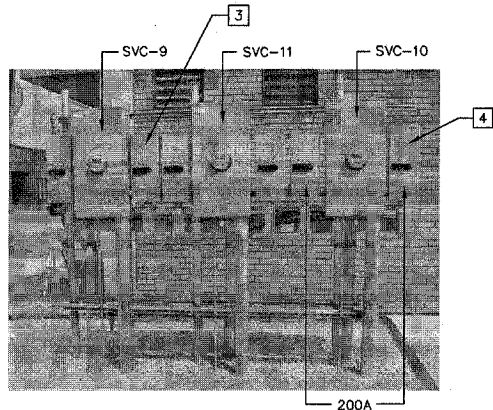


3  
E4.3  
**WIRING DIAGRAM**  
NO SCALE

- NOTES:
- LOAD CENTERS ARE RATED & UL LISTED WITH: MILBANK, SIEMENS, GENERAL ELECTRIC AND CUTLER-HAMMER BOLT-ON STYLE CIRCUIT BREAKERS.
  - C1 = CONTACTOR, 60A, 3-POLE, 120V COIL, ELECTRICALLY HELD, SIEMENS TYPE LEN.



4  
E4.3  
**EXISTING SVC-9, SVC-10, SVC-11**  
NONE



4  
E4.3  
**EXISTING SVC-1, SVC-2, SVC-3**  
NONE

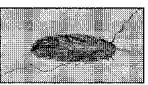
**GENERAL NOTES**

- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
- ROUTE CONDUITS AROUND TREE PLANTING AREAS.
- ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.

**KEYED NOTES**

- REMOVE THE EXISTING 200 AMP 2 POLE DISCONNECT AND CIRCUITRY AND REPLACE WITH A 100 AMP 2 POLE DISCONNECT. LABEL THE NEW DISCONNECT CB2-1.
- REMOVE THE EXISTING 200 AMP 2 POLE DISCONNECT AND CIRCUITRY AND REPLACE WITH A 100 AMP 2 POLE DISCONNECT. LABEL THE NEW DISCONNECT CB3-1.
- REMOVE THE EXISTING 200 AMP 2 POLE DISCONNECT AND CIRCUITRY AND REPLACE WITH A 100 AMP 2 POLE DISCONNECT. LABEL THE NEW DISCONNECT CB9-1.
- REMOVE THE EXISTING 200 AMP 2 POLE DISCONNECT AND CIRCUITRY AND REPLACE WITH A 100 AMP 2 POLE DISCONNECT. LABEL THE NEW DISCONNECT CB10-1.

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Signature: \_\_\_\_\_  
Expiration Date: \_\_\_\_\_

REV	DATE	DESCRIP

SHEET TITLE: **ELECTRICAL DETAILS AND ONE-LINE DIAGRAMS**  
PROJECT TITLE: **BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS**

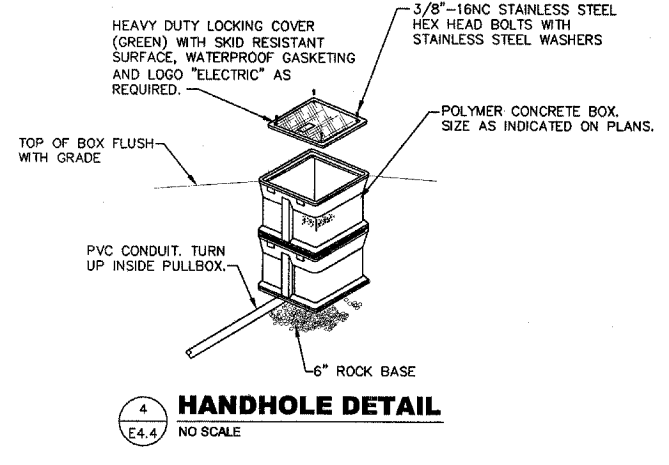
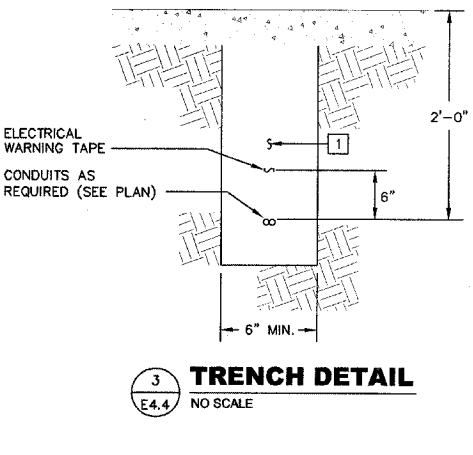
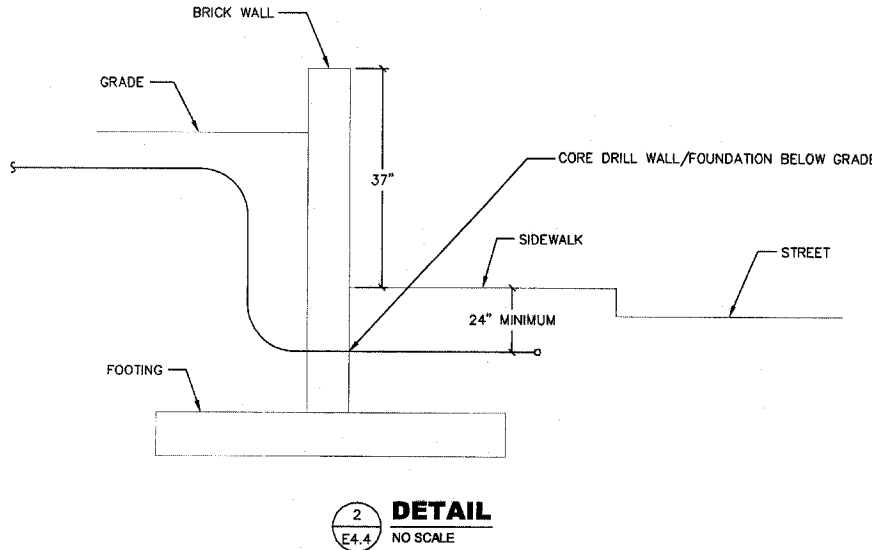
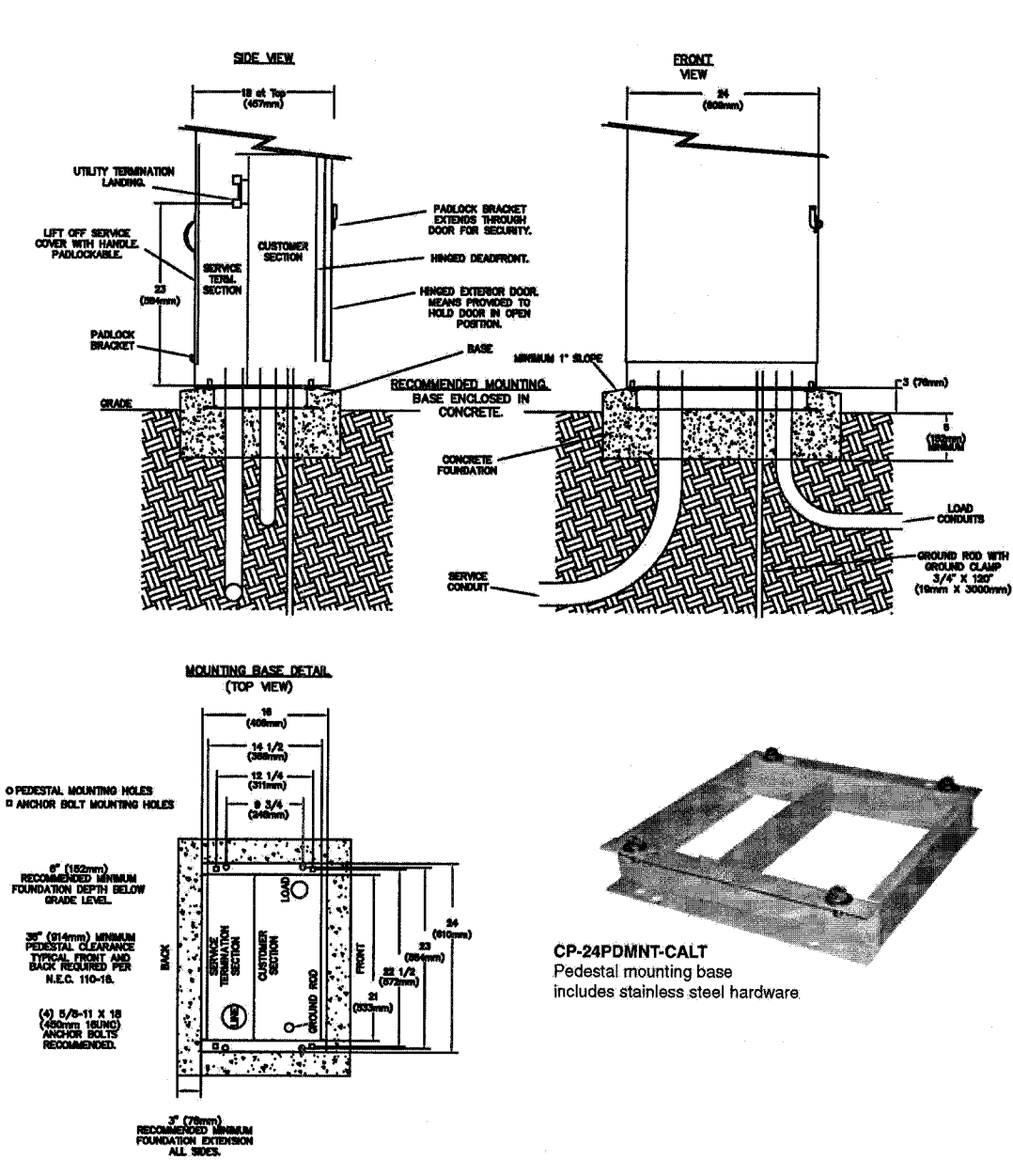
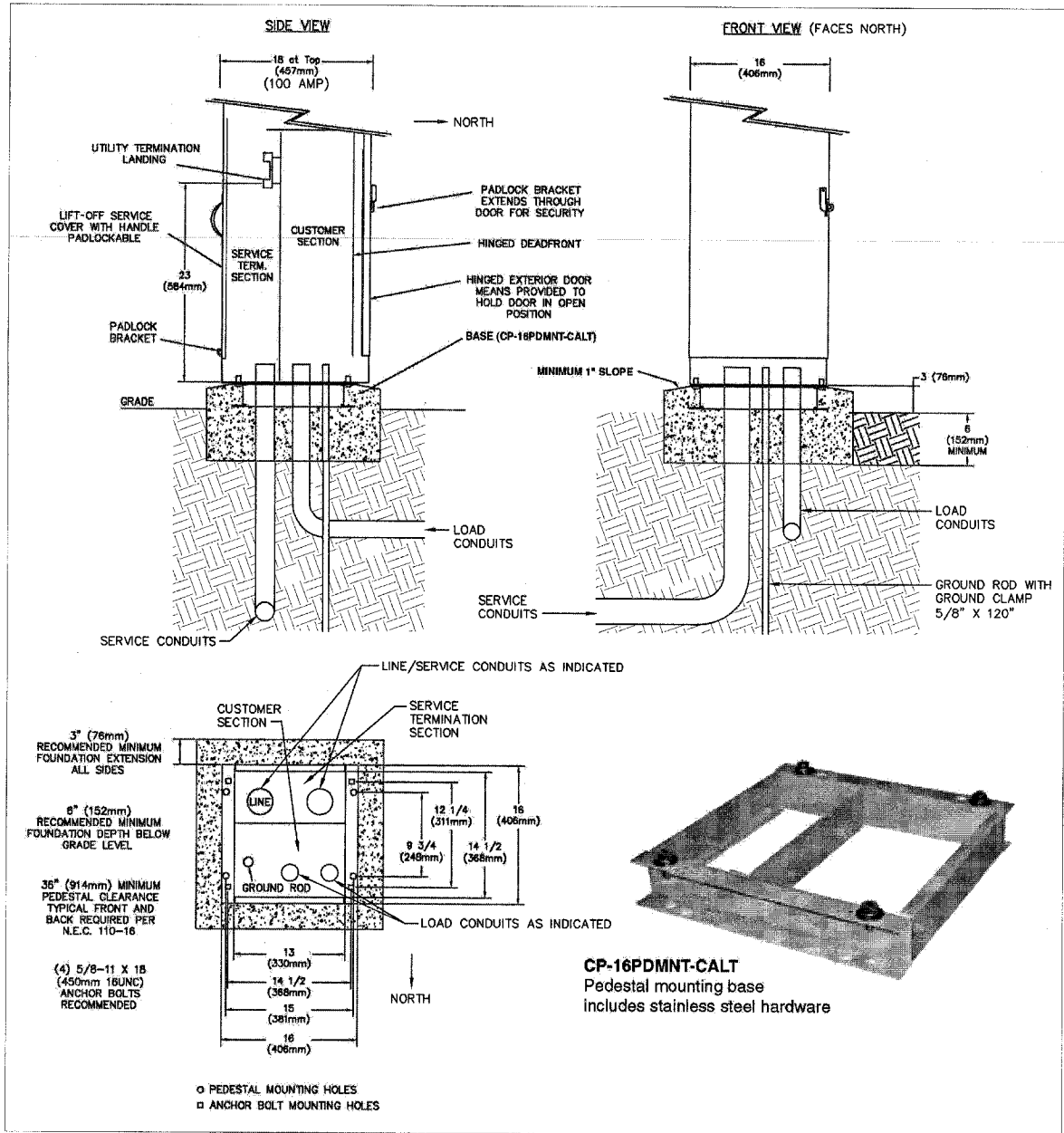
DESIGNED BY: ESP	SHEET
DRAWN BY: GYK/ESP	42
CHECKED BY: BEC	E4.3
DATE OF PRELIMINARY: 08/17/2007	
DATE OF FINAL:	
SHEET NO. 11	OF 13 SHEETS
PROJECT NUMBER 07-0041	



Signature: \_\_\_\_\_  
 Expiration Date: \_\_\_\_\_

REV	DATE	DESCRIP

SHEET TITLE <b>ELECTRICAL DETAILS</b>	PROJECT TITLE <b>BELLEVILLE SQUARE CITY OF BELLEVILLE ST. CLAIR COUNTY, ILLINOIS</b>
	DESIGNED BY: ESF DRAWN BY: GYK/BSF CHECKED BY: BEC DATE OF PRELIMINARY: 08/17/2007 DATE OF FINAL: _____
PROJECT NUMBER 07-0041	SHEET <b>43</b> E4.4
SHEET NO. 12 OF 13 SHEETS	



- GENERAL NOTES**
- CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
  - UNLESS NOTED OTHERWISE, ALL CONDUIT SHALL BE PVC.
  - ROUTE CONDUITS AROUND TREE PLANTING AREAS.
  - ALL LIGHTING SHALL REMAIN OPERATIONAL UNTIL NEW IS INSTALLED AND MADE OPERATIONAL.
- KEYED NOTES**
- AFTER INSTALLATION OF NEW CONDUIT(S), BACKFILL TRENCH(ES) WITH CRUSHED STONE BACKFILL.

**ELECTRICAL SCHEDULE**

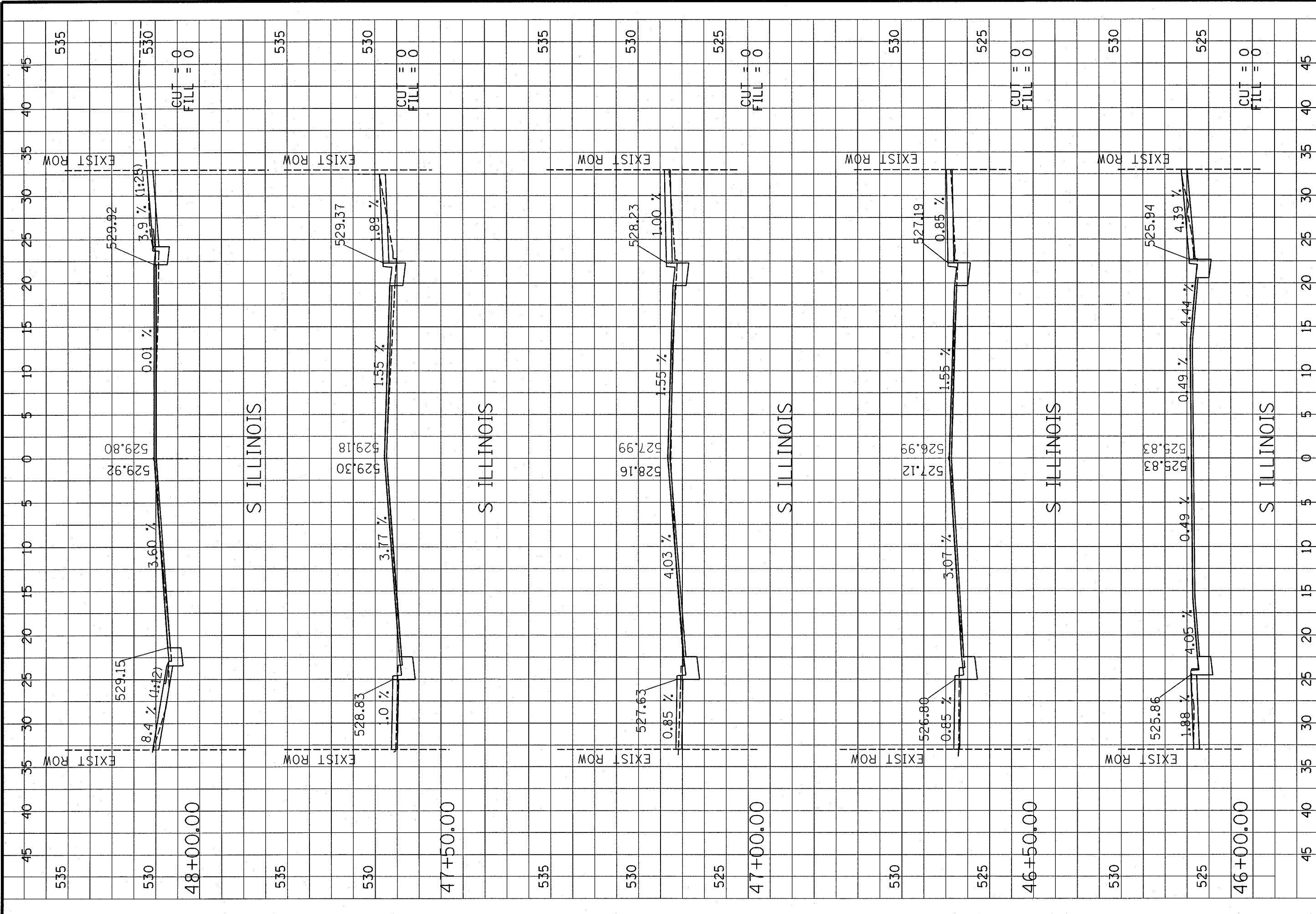
DESCRIPTION	STATION	LT/RT	CENTER LINE SETBACK	FIXTURE TYPE	COMMENT	DESCRIPTION	STATION	LT/RT	CENTER LINE SETBACK	FIXTURE TYPE	COMMENT
<b>WEST MAIN STREET</b>						<b>SOUTH ILLINOIS STREET</b>					
POWER PLUG PL2-1 POINT 1	26+51'-3"	LT	24'-9"			POWER PLUG PL5-2 POINT 2	50+30'-2"	RT	27'-5"		
POWER PLUG PL2-1 POINT 2	26+53'-9"	LT	24'-9"			TRAFFIC SIGNAL PB POINT 1	50+44'-10"	RT	28'-8"		
POWER PLUG PL3-1 POINT 1	26+51'-3"	RT	2'-4"			TRAFFIC SIGNAL PB POINT 2	50+47'-10"	RT	28'-8"		
POWER PLUG PL3-1 POINT 2	26+53'-9"	RT	2'-4"			STREET LIGHT	50+74'-0"	LT	26'-6"	B	
STREET LIGHT	26+71'-0"	LT	26'-5"	B		STREET LIGHT	50+74'-0"	RT	24'-6"	B	
STREET LIGHT	26+71'-0"	RT	26'-5"	B		STREET LIGHT	51+38'-5"	LT	26'-6"	B	
STREET LIGHT	27+21'-0"	LT	26'-4"	B		STREET LIGHT	51+38'-5"	RT	24'-6"	B	
STREET LIGHT	27+21'-0"	RT	26'-5"	B		POWER PLUG PL5-4 POINT 1	51+35'-0"	LT	25'-10"		
PLAZA LIGHT	27+69'-3"	LT1	43'-7"	C	NEW FIXTURE, RE-USE EXISTING BASE AND WIRING.	POWER PLUG PL5-3 POINT 1	51+35'-0"	RT	24'-2"		
PLAZA LIGHT	27+69'-3"	LT2	65'-2"	C	NEW FIXTURE, RE-USE EXISTING BASE AND WIRING.	POWER PLUG PL5-4 POINT 2	51+37'-6"	LT	25'-10"		
PLAZA LIGHT	28+12'-3"	LT1	43'-7"	C	NEW FIXTURE, RE-USE EXISTING BASE AND WIRING.	POWER PLUG PL5-3 POINT 2	51+37'-6"	RT	24'-2"		
PLAZA LIGHT	28+12'-3"	LT2	65'-2"	C	NEW FIXTURE, RE-USE EXISTING BASE AND WIRING.	STREET LIGHT	51+79'-5"	LT	26'-6"	B	
STREET LIGHT	27+71'-0"	LT	26'-4"	B		STREET LIGHT	51+91'-3"	RT	24'-6"	B	
STREET LIGHT	27+71'-0"	RT	26'-5"	B		STREET LIGHT	52+35'-7"	LT	26'-6"	B	
INGROUND FLAGPOLE LIGHT	27+80'-6"	LT1	84'-3"	EXT	FIXTURE TO REMAIN.	STREET LIGHT	51+35'-7"	RT	24'-6"	B	
INGROUND FLAGPOLE LIGHT	27+80'-6"	LT2	87'-8"	EXT	FIXTURE TO REMAIN.	<b>EAST MAIN STREET</b>					
INGROUND FLAGPOLE LIGHT	27+80'-6"	LT3	89'-3"	EXT	FIXTURE TO REMAIN.	PLAZA LIGHT	30+09'-0"	LT	122'-0"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
BOLLARD LIGHT	27+80'-10"	LT4	113'-10"	EXT	FIXTURE TO REMAIN.	PLAZA LIGHT	30+10'-0"	RT	122'-10"	C	
BOLLARD LIGHT	27+80'-10"	LT4	113'-10"	EXT	FIXTURE TO REMAIN.	STREET LIGHT	30+11'-5"	LT	75'-5"	AA	PROVIDE POLE BASE WITH SPREAD FOOTING.
INGROUND FLAGPOLE LIGHT	27+90'-7"	LT1	84'-3"	EXT	FIXTURE TO REMAIN.	STREET LIGHT	30+15'-5"	RT	74'-4"	AA	
INGROUND FLAGPOLE LIGHT	27+90'-7"	LT2	87'-8"	EXT	FIXTURE TO REMAIN.	INGROUND MONUMENT LIGHT	30+37'-0"	LT	84'-3"	D	
BOLLARD LIGHT	27+99'-6"	LT1	95'-7"	EXT	FIXTURE TO REMAIN.	INGROUND MONUMENT LIGHT	30+38'-0"	RT	130'-1"	D	
BOLLARD LIGHT	27+99'-6"	LT2	113'-10"	EXT	FIXTURE TO REMAIN.	INGROUND MONUMENT LIGHT	30+39'-0"	LT	84'-3"	D	
INGROUND FLAGPOLE LIGHT	27+90'-8"	LT1	84'-3"	EXT	FIXTURE TO REMAIN.	INGROUND MONUMENT LIGHT	30+40'-0"	RT	130'-1"	D	
INGROUND FLAGPOLE LIGHT	27+90'-8"	LT2	87'-8"	EXT	FIXTURE TO REMAIN.	PLAZA LIGHT	30+40'-0"	LT1	100'-8"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
STREET LIGHT	28+21'-0"	LT	26'-5"	B		PLAZA LIGHT	30+40'-0"	LT2	122'-0"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
STREET LIGHT	28+21'-0"	RT	26'-5"	B		PLAZA LIGHT	30+40'-0"	RT1	90'-8"	C	
PLAZA LIGHT	28+30'-4"	LT1	43'-4"	C		PLAZA LIGHT	30+40'-0"	RT2	122'-10"	C	
PLAZA LIGHT	28+30'-4"	LT2	68'-8"	C		INGROUND MONUMENT LIGHT	30+51'-22"	RT	89'-9"	D	
PLAZA LIGHT	28+30'-4"	LT3	100'-4"	C		INGROUND MONUMENT LIGHT	30+52'-5"	RT2	94'-7"	D	
PLAZA LIGHT	28+30'-4"	LT4	122'-0"	C		INGROUND MONUMENT LIGHT	30+52'-8"	RT1	85'-0"	D	
PLAZA LIGHT	28+46'-11"	RT1	47'-9"	C		STREET LIGHT	30+53'-0"	LT	38'-6"	AA	PROVIDE POLE BASE WITH SPREAD FOOTING AND YIELD SIGN.
PLAZA LIGHT	28+46'-11"	RT2	65'-9"	C		STREET LIGHT	30+54'-9"	RT	74'-4"	AA	
POWER PLUG PL3-2 POINT 1	28+47'-3"	RT	35'-2"			INGROUND FLAG POLE LIGHT	30+55'-3"	RT1	91'-5"	E	
POWER PLUG PL3-2 POINT 2	28+48'-10"	RT	35'-2"			INGROUND MONUMENT LIGHT	30+55'-7"	RT2	98'-2"	D	
PLAZA LIGHT	28+50'-3"	RT	87'-8"	C		INGROUND MONUMENT LIGHT	30+56'-3"	RT	81'-5"	D	
POWER PLUG PL2-2 POINT 1	28+50'-8"	LT	27'-12"	C		INGROUND MONUMENT LIGHT	30+60'-3"	RT	99'-8"	D	
PLAZA LIGHT	28+52'-10"	LT1	58'-11"	C		INGROUND MONUMENT LIGHT	30+61'-1"	RT	80'-1"	D	
PLAZA LIGHT	28+52'-10"	LT2	122'-0"	C		INGROUND FLAG POLE LIGHT	30+62'-3"	RT	85'-0"	D	
POWER PLUG PL2-3 POINT 1	28+53'-0"	LT	112'-10"			INGROUND FLAG POLE LIGHT	30+64'-7"	RT	93'-10"	D	
POWER PLUG PL2-2 POINT 2	28+53'-14"	LT	27'-11"			PLAZA LIGHT	30+65'-0"	RT1	69'-0"	C	
POWER PLUG PL2-3 POINT 2	28+54'-7"	LT	112'-10"			INGROUND MONUMENT LIGHT	30+65'-1"	RT2	98'-7"	D	
INGROUND ART LIGHT	28+62'-0"	LT	89'-3"	D		INGROUND MONUMENT LIGHT	30+69'-1"	RT1	85'-9"	D	
INGROUND ART LIGHT	28+64'-8"	LT1	66'-11"	D		INGROUND MONUMENT LIGHT	30+68'-8"	RT2	95'-3"	D	
INGROUND ART LIGHT	28+64'-8"	LT2	70'-9"	D		INGROUND MONUMENT LIGHT	30+70'-2"	RT	90'-7"	D	
INGROUND ART LIGHT	28+64'-9"	LT3	94'-0"	D		POWER PLUG PL6-4 POINT 1	30+74'-0"	RT	102'-8"	C	
PLAZA LIGHT	28+65'-4"	RT	97'-10"	C		POWER PLUG PL6-4 POINT 2	30+76'-6"	RT	102'-8"	C	
INGROUND ART LIGHT	28+67'-6"	LT	89'-3"	D		PLAZA LIGHT	30+77'-0"	LT1	71'-6"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
STREET LIGHT	28+76'-0"	LT	37'-3"	AA	PROVIDE WITH YIELD SIGN.	PLAZA LIGHT	30+77'-0"	LT2	122'-0"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
STREET LIGHT	28+76'-0"	RT	38'-0"	AB		PLAZA LIGHT	30+77'-0"	RT	122'-10"	C	
INGROUND ART LIGHT	28+77'-14"	LT	90'-9"	D		POWER PLUG PL6-2 POINT 1	30+82'-11"	LT	25'-5"		
INGROUND ART LIGHT	28+80'-11"	LT	90'-9"	D		POWER PLUG PL6-3 POINT 1	30+83'-6"	RT	25'-11"		
PLAZA LIGHT	28+83'-4"	RT	104'-10"	C		POWER PLUG PL6-2 POINT 2	30+85'-5"	LT	25'-0"		
PLAZA LIGHT	28+83'-4"	LT	122'-0"	C		POWER PLUG PL6-1 POINT 1	30+85'-8"	RT	114'-4"		
PLAZA LIGHT	29+01'-4"	RT	104'-11"	C		POWER PLUG PL6-3 POINT 2	30+86'-0"	RT	25'-6"		
STREET LIGHT	29+17'-0"	LT	75'-10"	AA		POWER PLUG PL6-1 POINT 2	30+85'-0"	LT	114'-4"		
STREET LIGHT	29+17'-6"	RT	76'-3"	AB	PROVIDE WITH YIELD SIGN.	PLAZA LIGHT	30+98'-0"	LT1	42'-3"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
PLAZA LIGHT	29+18'-4"	RT	104'-11"	C		PLAZA LIGHT	30+98'-0"	LT2	74'-6"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
PLAZA LIGHT	29+19'-10"	LT	122'-0"	C		PLAZA LIGHT	30+98'-0"	LT3	100'-8"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
POWER PLUG PL8-1 POINT 1	46+13'-0"	RT	23'-8"			PLAZA LIGHT	30+98'-0"	LT4	122'-0"	C	PROVIDE POLE BASE WITH SPREAD FOOTING.
POWER PLUG PL8-1 POINT 2	46+15'-6"	RT	23'-8"			PLAZA LIGHT	30+98'-0"	RT1	42'-10"	C	
STREET LIGHT	46+17'-0"	LT	27'-4"	B		PLAZA LIGHT	30+98'-0"	RT2	69'-0"	C	
STREET LIGHT	46+17'-0"	RT	27'-4"	B		PLAZA LIGHT	30+98'-0"	RT3	101'-8"	C	
POWER PLUG PL8-3 POINT 1	46+21'-0"	LT	25'-6"			PLAZA LIGHT	30+98'-0"	RT4	122'-10"	C	
POWER PLUG PL8-3 POINT 2	46+23'-6"	LT	25'-6"			STREET LIGHT	31+09'-0"	LT	25'-3"	B	PROVIDE POLE BASE WITH SPREAD FOOTING.
STREET LIGHT	46+68'-0"	LT	26'-6"	B		STREET LIGHT	31+09'-0"	RT	25'-11"	B	
STREET LIGHT	46+68'-0"	RT	25'-6"	B		STREET LIGHT	31+58'-0"	LT	22'-7"	B	
POWER PLUG PL8-4 POINT 1	46+69'-0"	LT	41'-0"			STREET LIGHT	31+58'-0"	RT	22'-11"	B	
POWER PLUG PL8-4 POINT 2	46+71'-6"	LT	41'-0"			STREET LIGHT	32+57'-6"	LT	22'-7"	B	
STREET LIGHT	47+18'-0"	LT	26'-10"	B		STREET LIGHT	32+57'-6"	RT	22'-11"	B	
STREET LIGHT	47+18'-0"	RT	26'-10"	B		STREET LIGHT	32+57'-6"	LT	22'-7"	B	
STREET LIGHT	47+68'-0"	LT	26'-6"	B		STREET LIGHT	32+57'-6"	RT	22'-11"	B	
STREET LIGHT	47+68'-0"	RT	26'-2"	B		POWER PLUG PL10-1 POINT 1	32+63'-0"	LT	21'-1"		
POWER PLUG PL8-2 POINT 1	48+8'-6"	RT	27'-11"			POWER PLUG PL9-1 POINT 1	32+63'-0"	RT	20'-11"		
POWER PLUG PL8-3 POINT 1	48+8'-11"	LT	27'-0"			POWER PLUG PL10-1 POINT 2	32+65'-8"	LT	21'-1"		
POWER PLUG PL8-2 POINT 2	48+11'-0"	RT	28'-6"			POWER PLUG PL9-1 POINT 2	32+65'-8"	RT	20'-11"		
POWER PLUG PL8-3 POINT 2	48+11'-12"	LT	28'-3"								
POWER PLUG PL5-2 POINT 1	50+29'-9"	RT	28'-0"								
POWER PLUG PL5-1 POINT 1	50+30'-5"	LT	28'-0"								
POWER PLUG PL5-1 POINT 2	50+31'-11"	LT	27'-6"								

**LIGHT FIXTURE SCHEDULE**

TYPE	MANUFACTURER & CATALOG No.	VOLTAGE	LAMPS	MOUNTING	DESCRIPTION & REMARKS
AA	STERNBERG 2-1527R/FG/CAS6-HS-LS/250MHMULTI/RO4 6925TFP8/SVO/FHD/BCC/1521/FG/480PM/HID/RORORS /BK70MHMULTI/RO3/BK	240	(2) 250W MH (1) 70W MH	POLE	CITY OF BELLEVILLE STANDARD FIXTURE. SEE DETAIL #1 SHEET E-4 FOR INSTALLATION. PROVIDE "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING IN BASE.
AB	STERNBERG 2-1527R/FG/CAS6-HS-LS/250MHMULTI/RO4 6925TFP8/SVO/FHD/BCC	240	(2) 250W MH	POLE	CITY OF BELLEVILLE STANDARD FIXTURE. SEE DETAIL #3 SHEET E-4 FOR INSTALLATION. PROVIDE "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING IN BASE.
B	STERNBERG 1-1527R/FG/CAS6-HS-LS/100MHMULTI/RO3 6920TFP8/SVO/FHD/BCC/70MHMULTI/RO3/BK	240	(1) 100W MH (1) 70W MH	POLE	CITY OF BELLEVILLE STANDARD FIXTURE. SEE DETAIL #2 SHEET E-4 FOR INSTALLATION. PROVIDE "IN-USE" WP RECEPTACLE COVER. PROVIDE FUSING IN BASE.
C	STERNBERG 6590/3310P5/175MHMULTI/RO5/FHC/FHD/BK	240	(1) 175W MH	POLE	CITY OF BELLEVILLE STANDARD FIXTURE. SEE DETAIL #3 SHEET E-3 FOR INSTALLATION. PROVIDE FUSING IN BASE.
D	LUMIERE 6000A-MH100-240-WW-NBR-CP-TRL-EL-DSB	240	(1) 100W MH	INGROUND	INGROUND ADJUSTABLE BEAM WALL WASH FLOODLIGHT, NATURAL BRASS FINISH WITH CONCRETE POUR COLLAR, DRIVE-OVER BRACKET KET, ELECTRONIC HID BALLAST, AND TEMPERATURE REDUCTION LENS.
E	LUMIERE 6000A-MH150-240-SP-NBR-CP-TRL-EL-DSB	240	(1) 150W MH	INGROUND	INGROUND ADJUSTABLE BEAM SPOT LIGHT, NATURAL BRASS FINISH WITH CONCRETE POUR COLLAR, DRIVE-OVER BRACKET KET, ELECTRONIC HID BALLAST, AND TEMPERATURE REDUCTION LENS.

PANEL NO: SVC-1 LP1		10,000 AIC									
VA	FUNCTION	SIZE	CKT	PH	CKT	SIZE	FUNCTION	VA			
---	MAIN	100A/2P	1	A	2	20A/1P	SPARE	---			
---	SPARE	20A/1P	3	B	4	20A/1P	SPARE	---			
---	SPARE	20A/1P	5	A	6	20A/1P	CONTACTOR CONTROL	500			
---	SPACE	20A/1P	7	B	8	20A/1P	SPARE	---			
---	SPACE	---	9	A	10	---	SPACE	---			
---	SPACE	---	11	B	12	---	SPACE	---			
---	SPACE	---	13	A	14	50A/2P	CONTACTOR	4370			
---	SPACE	---	15	B	16	50A/2P	CONTACTOR	4370			
2388	N.W. STREET LIGHTS	30A/2P	17	A	18	30A/2P	S.W. STREET LIGHTS	2028			
2388	N.W. STREET LIGHTS	30A/2P	19	B	20	30A/2P	S.W. STREET LIGHTS	2028			
---	SPACE	---	21	A	22	20A/2P	S.W. PLAZA LIGHTS	662			
---	SPACE	---	23	B	24	20A/2P	S.W. PLAZA LIGHTS	662			
---	SPACE	---	25	A	26	---	SPACE	---			
---	SPACE	---	27	B	28	---	SPACE	---			
---	SPACE	---	29	A	30	---	SPACE	---			
---	SPACE	---	31	B	32	---	SPACE	---			
VOLTAGES		A	B	TOTALS		VOLTS:		120/240 VAC, 1Ø, 3W			
PHASE		9948	9448	19396							
MOUNTING:		100A MCB LOAD CENTER		POLES: 32 POSITIONS							

PANEL NO: SVC-4 LP4		10,000 AIC									
VA											



DESIGNED BY:	WJS	SHEET
DRAWN BY:	WJS	45
CHECKED BY:		
DATE OF PRELIMINARY:	08-20-2007	
DATE OF FINAL:	09-13-2007	
SHEET NO. 45 OF 48 SHEETS		
PROJECT NUMBER 07-0041		

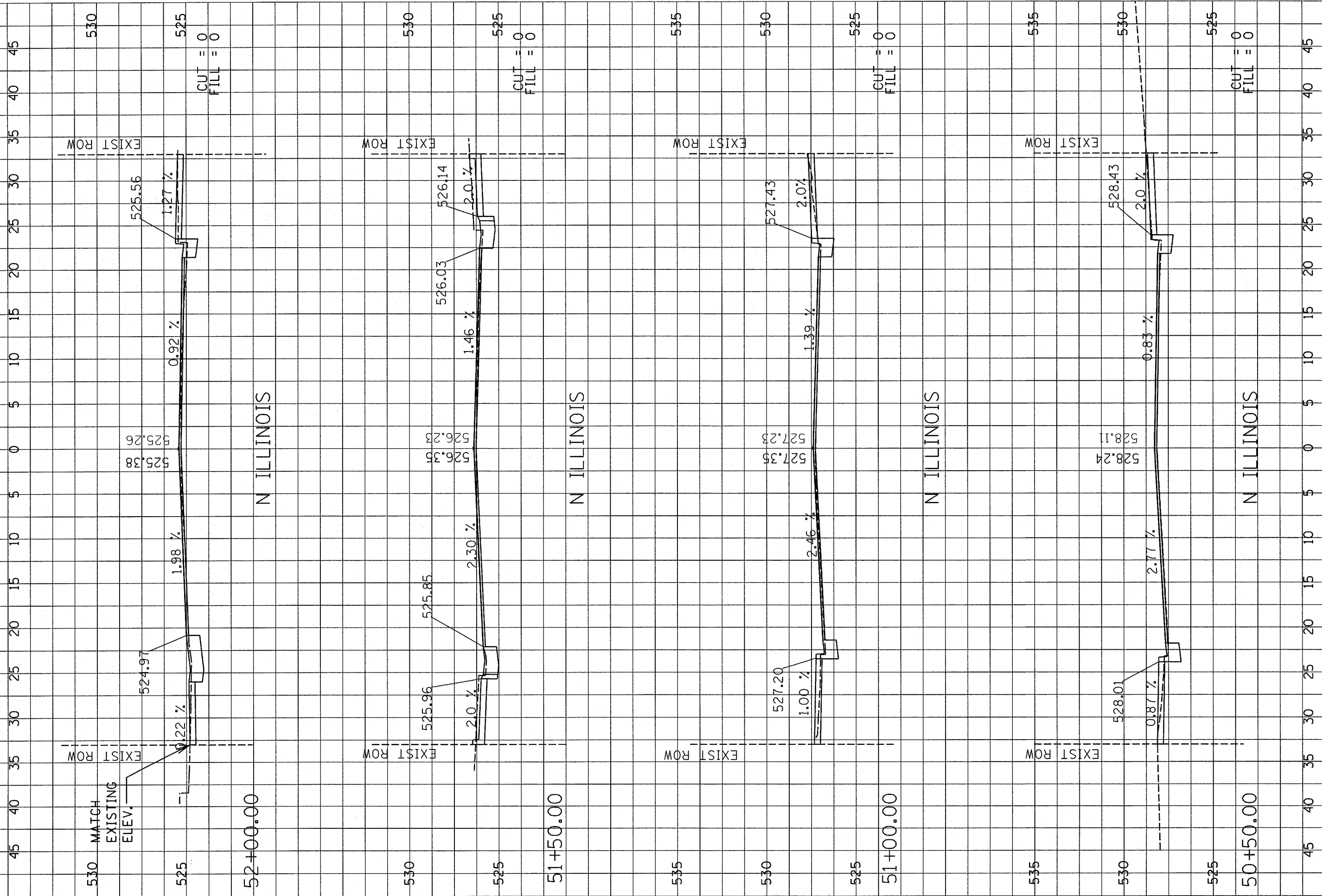
SHEET TITLE: SOUTH ILLINOIS STREET

PROJECT TITLE: CITY OF BELLEVILLE  
DOWNTOWN BELLEVILLE STREETSCAPE PH2  
ST. CLAIR COUNTY, IL

REV	DATE	DESCRIPTION
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX



PREPARED BY: Kaskasia Engineering Group L.L.C.  
23 Public Square Suite 404  
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Office: (618)-233-5877 Fax: (618)-233-5977  
www.kaskasiaeng.com  
A Disadvantaged Business Enterprise



REV	DATE	DESCRIPTION
△	XX/XX/XX	XXXXXX
△	XX/XX/XX	XXXXXX

SHEET TITLE: NORTH ILLINOIS STREET  
 PROJECT TITLE: CITY OF BELLEVILLE  
 DOWNTOWN BELLEVILLE STREETSCAPE PH2  
 ST. CLAIR COUNTY, IL

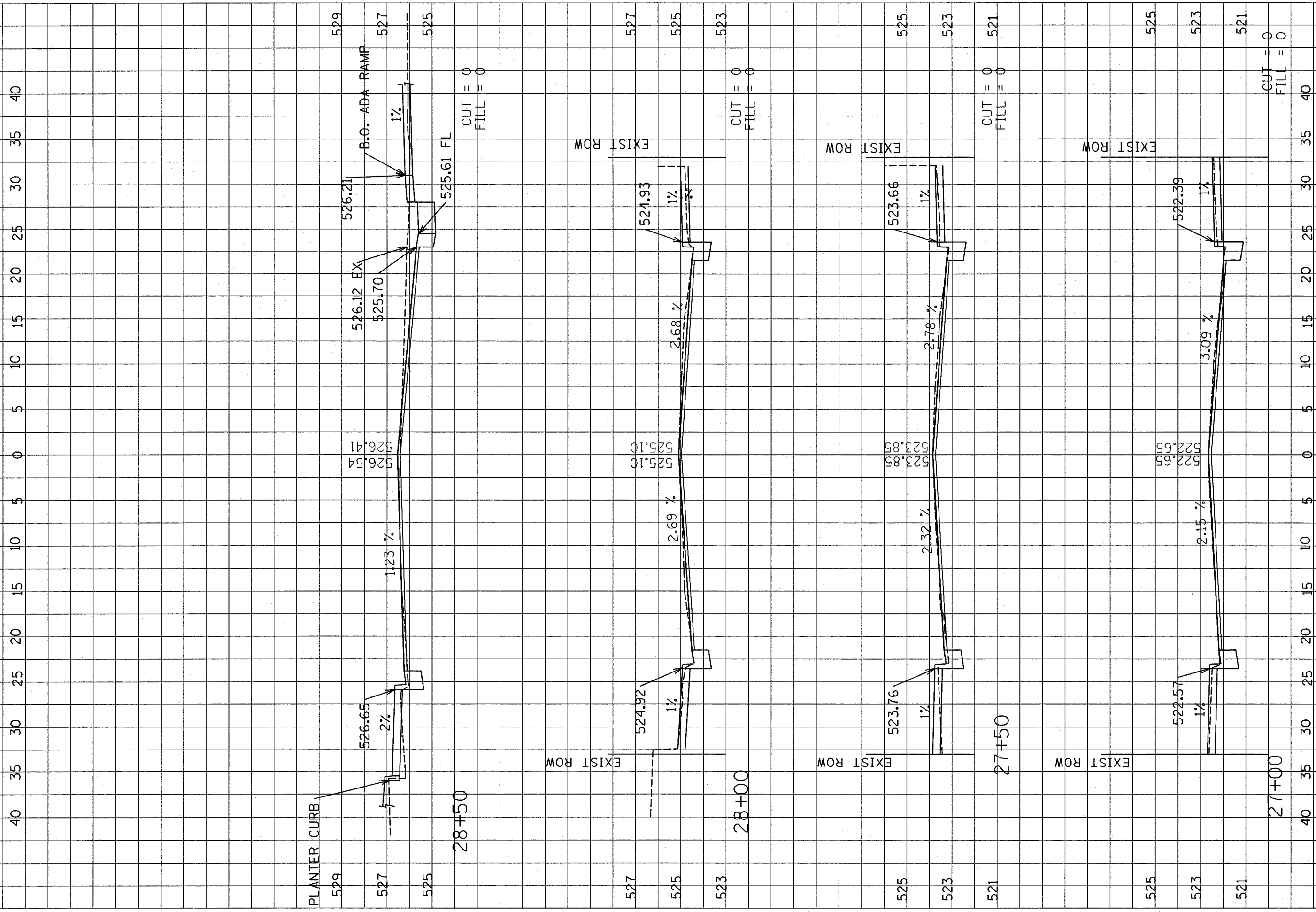
DESIGNED BY: WJS	SHEET <b>46</b>
DRAWN BY: WJS	
CHECKED BY: ---	
DATE OF PRELIMINARY: 08-20-2007	
DATE OF FINAL: 09-13-2007	
SHEET NO. 46 OF 48 SHEETS	
PROJECT NUMBER 07-0041	

PREPARED BY:



PROFESSIONAL REGISTRATIONS  
 18/01/72  
 PROFESSIONAL ENGINEERING BOARD  
 20-588566

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REV	DATE	DESCRIPTION
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXXXX

SHEET TITLE: WEST MAIN STREET

PROJECT TITLE: CITY OF BELLEVILLE  
DOWNTOWN BELLEVILLE STREETScape PH2  
ST CLAIR COUNTY, ILLINOIS

DESIGNED BY:	WJS	SHEET
DRAWN BY:	WJS	47
CHECKED BY:	-	
DATE OF PRELIMINARY:	08-20-2007	
DATE OF FINAL:	09-13-2007	
SHEET NO. 47 OF 48 SHEETS		
PROJECT NUMBER 07-0041		

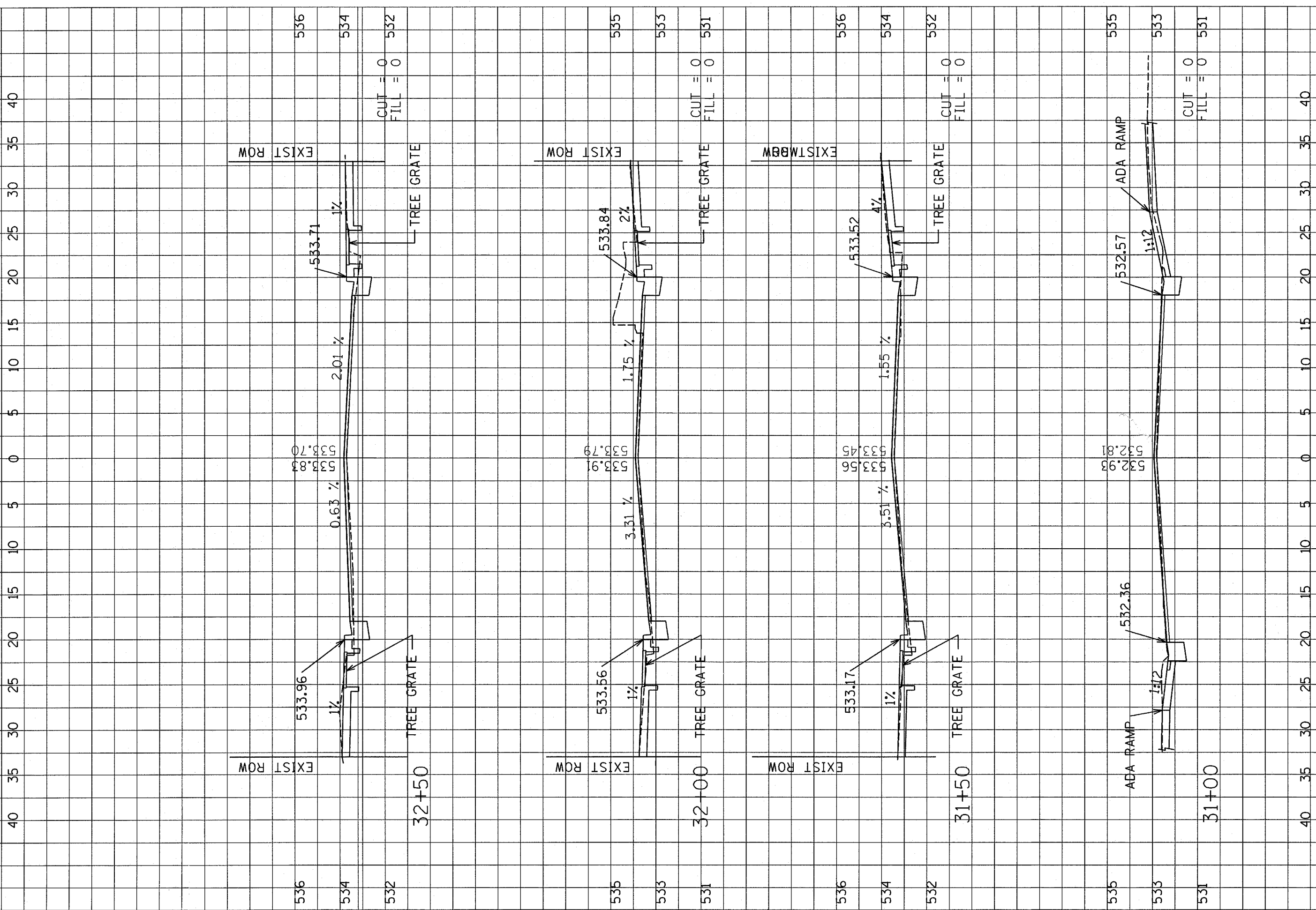
PREPARED BY:

PROFESSIONAL REGISTRATIONS  
ILLINOIS PROFESSIONAL DESIGN FIRM  
PROFESSIONAL ENGINEERING CORP.

LICENSE NO.  
184.00773  
20-500868

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REV	DATE	DESCRIPTION
△	XX/XX/XX	XXXXXXXX
△	XX/XX/XX	XXXXXX

SHEET TITLE: EAST MAIN STREET  
 PROJECT TITLE: CITY OF BELLEVILLE  
 DOWNTOWN BELLEVILLE STREETSCAPE PH2  
 ST CLAIR COUNTY, ILLINOIS

DESIGNED BY: WJS	SHEET
DRAWN BY: WJS	
CHECKED BY: ---	48
DATE OF PRELIMINARY: 08-20-2007	
DATE OF FINAL: 09-13-2007	
SHEET NO. 48 OF 48 SHEETS	PROJECT NUMBER 07-0041

PREPARED BY: 

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PROFESSIONAL REGISTRATIONS LICENSE NO. 18-000773  
 PROFESSIONAL ENGINEERING BOARD OF ILLINOIS 20-500656