

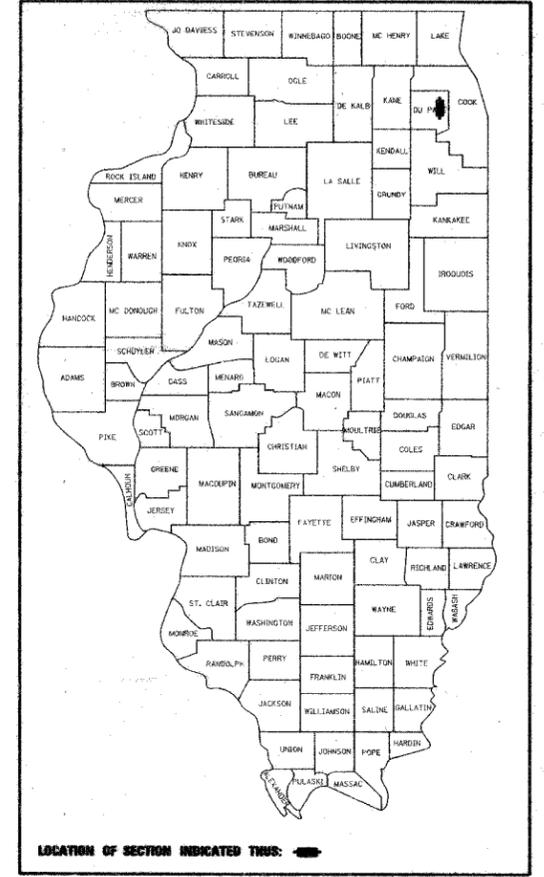
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	30	1
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63027				

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FOR INDEX OF SHEETS, SEE SHEET NO. 2

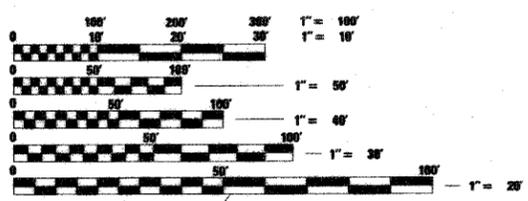
SCALES  
 PLAN 1"=20'  
 PROFILE HORIZ. 1"=20'  
 PROFILE VERT. 1"=5'  
 CROSS SECTIONS HORIZ. 1"=10'  
 CROSS SECTIONS VERT. 1"=5'

**F.A.U. ROUTE 2678 (YORK ROAD)**  
**2nd ST. (PALMER DR.) TO south of ILLINOIS ROUTE 64**  
**ELMHURST SECTION NO. 08-00169-00-LT**  
**ROADWAY ENHANCEMENT AND LIGHTING**  
**PROJECT NO. TE-00D1(791)**  
**CITY OF ELMHURST**  
**DuPAGE COUNTY**  
**JOB NO. C-91-220-08**



FIELD ENGINEER: MARILIN D. SOLOMON (847) 705-4407  
CONSULTANT: JAMES J. BENES & ASSOCIATES, INC. (630) 719-7570

PROJECT LOCATED IN  
CITY OF ELMHURST

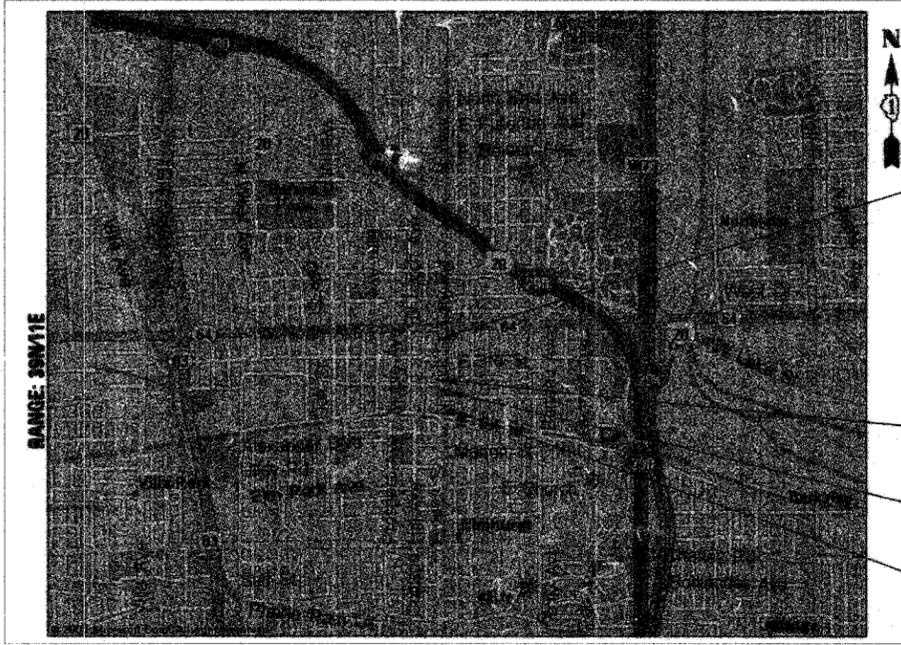


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES, REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-882-0123

**CONTRACT NO. 63027**  
**DESIGN DESIGNATION:**

TOWNSHIP: YORK SECTION 6



TRAFFIC DATA  
ADT (12) = 21,000  
SPEED LIMIT = 30 MPH

PROJECT ENDS  
STA. 13+85

PROJECT BEGINS  
STA. 1+50

CITY CENTRE PLAZA

ELMHURST POLICE PLAZA

GROSS AND NET LENGTH OF PROJECT: 1235 FT. (0.23 MILES)  
SCALE: NTS  
LOCATION MAP



THE LAKOTA GROUP  
212 WEST KINZIE, 3rd FLOOR  
CHICAGO, IL 60610  
(312) 467-5445  
(SHEETS 17-39)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

APPROVED: APRIL 9 2008  
*Cari Keating*  
Elmhurst, City Engineer

PASSED: APRIL 11 2008  
*Christopher Holt*  
District 1 Engineer of Local Roads & Streets

Releasing for Bid  
Based on Limited Review APRIL 14, 2008  
*Diana M. O'Keefe*  
Deputy Director of Highways, Region 1 Engineer

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**JAMES J. BENES & ASSOCIATES**  
CONSULTING ENGINEERS  
(630) 719-7570  
950 WARRENVILLE ROAD, SUITE 101  
LISLE, IL 60532  
SIGNATURE: *James J. Benes*  
DATE: 4/10/08  
IL LICENSE NO. 062-054964  
EXP. DATE: NOVEMBER 30, 2009  
FIELD: JAMES J. BENES AND ASSOCIATES, INC.  
CIVIL ENGINEERING  
(SHEETS 1-16)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				

GENERAL NOTES:

- ACCESS TO LOCAL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE THE MUNICIPALITY AND JAMES J. BENES AND ASSOCIATES, INC. THREE (3) WORKING DAYS NOTICE PRIOR TO THE COMMENCEMENT OF WORK.  
(JAMES J. BENES AND ASSOCIATES, INC.: (630) 719-7570)  
(CITY OF ELMHURST : (630) 530-3000)
- ALL ELEVATIONS ARE ON U.S.G.S. DATUM.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- NEITHER THE ENGINEER, NOR THE OWNER, SHALL ASSUME ANY OF THE RESPONSIBILITIES OF THE CONTRACTOR'S SUPERINTENDENT OR OF SUBCONTRACTORS. ADDITIONALLY, NEITHER THE ENGINEER, NOR THE OWNER, SHALL ADVISE ON, OR ISSUE DIRECTIONS CONCERNING, ASPECTS OF CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES, OR SAFETY PRECAUTIONS AND/OR PROGRAMS IN CONNECTION WITH THE WORK.
- THE LOCATIONS OF PUBLIC OR PRIVATE UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND THEIR ACCURACY IS NOT GUARANTEED. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES. THE CONTRACTOR SHALL REPORT ANY ENCOUNTERED DISCREPANCIES TO THE ENGINEER AT ONCE. THE CONTRACTOR SHALL TAKE DUE CARE IN ALL PHASES OF CONSTRUCTION TO PROTECT ANY UTILITIES WHICH MAY BE AFFECTED BY THE WORK. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTACT JULIE 48 HOURS PRIOR TO DIGGING (JULIE: 1-800-892-0123)
- THE CONTRACTOR SHALL KEEP THE CONSTRUCTION AREA FREE OF DEBRIS AND/OR OBJECTIONABLE MATERIALS DURING CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE SITE DAILY FOR DEBRIS ON THE ROADWAY SURFACE. THE RIGHT-OF-WAY SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITION.
- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING DRAINAGE FACILITIES DURING CONSTRUCTION AND SHALL REPAIR ANY DRAINAGE FACILITIES DAMAGED DURING CONSTRUCTION. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND WILL NOT BE PAID FOR SEPARATELY.
- THE RELOCATION OF SIGNS ARE INCIDENTAL TO THE CONTRACT.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF ELMHURST.
- ALL UNIT PAVERS AND UNIT PAVERS, TACTILE SHALL BE INSTALLED ON P.C.C. CONCRETE UNDERLAYMENTS, UNLESS OTHERWISE SPECIFIED. SIDEWALK RAMPS MUST FOLLOW DETECTABLE WARNING GUIDELINES.
- ALL SIDEWALK RAMPS SHALL FOLLOW DETECTABLE WARNING GUIDELINES AND SHALL BE INSTALLED AS PER THE DETAIL FOR UNIT PAVERS, TACTILE.
- IN SIDEWALK AREAS, P.C.C. UNDERLAYMENT SHALL BE 4 INCHES THICK.
- DRIVEWAY DIMENSIONS ARE NOT INDICATED AND GENERALLY CONFORM TO EXISTING WIDTHS OF DRIVEWAY OPENINGS. CONTRACTOR SHALL CONFIRM FINAL WIDTHS WITH OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- NEW SIDEWALKS SHALL BE CONSTRUCTED TO PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURES.
- EXISTING TRAFFIC SIGNAL HARDWARE SHALL REMAIN.
- CONTRACTOR SHALL REMOVE PAVEMENT TO LIMITS INDICATED ON DRAWINGS.
- CONTRACTOR SHALL PROTECT ALL EXISTING ELEMENTS TO REMAIN, INCLUDING TREES, FENCES, AND WALLS.
- SOD PARKWAY SHALL BE 3'-0" WIDE UNLESS OTHERWISE NOTED.

IDOT STANDARDS:

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-05	CURB RAMPS FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-02	FRAME AND LIDS TYPE 1
604006-03	FRAME AND GRATE TYPE 3
604011-03	FRAME AND GRATE TYPE 3V
604086-01	FRAME AND GRATE TYPE 23
606001-03	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701501-04	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701801-03	LANE CLOSURE, MULTILANE, 1W OR 2W, CROSSWALK OR SIDEWALK CLOSURE
701901	TRAFFIC CONTROL DEVICES
805001	ELECTRIC SERVICE INSTALLATION DETAILS
814001-01	CONCRETE HANDHOLES

INDEX OF SHEETS:

SHEET	
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS AND BENCHMARKS
5-7	STREETSCAPE PLAN SHEETS
8-10	LIGHTING PLAN SHEETS
11	CONSTRUCTION DETAILS
12-15	LIGHTING DETAILS
16	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
17	CITY CENTRE - COVER
18	CITY CENTRE - DEMOLITION PLAN
19	CITY CENTRE - HARDSCAPE PLAN
20	CITY CENTRE - DIMENSION PLAN
21	CITY CENTRE - LANDSCAPE PLAN
22	CITY CENTRE - PAVING DETAILS
23	CITY CENTRE - WALL AND SIGN DETAILS
24	CITY CENTRE - FOUNTAIN PLAN AND SECTIONS
25	CITY CENTRE - MISCELLANEOUS DETAILS
26	CITY CENTRE - SITE FURNITURE/GENERAL NOTES
27	CITY CENTRE - LANDSCAPE DETAILS AND NOTES
28	CITY CENTRE - FOUNTAIN DETAILS
29	POLICE PLAZA - COVER
30	POLICE PLAZA - DEMOLITION PLAN
31	POLICE PLAZA - HARDSCAPE PLAN
32	POLICE PLAZA - DIMENSION PLAN
33	POLICE PLAZA - LANDSCAPE PLAN
34	POLICE PLAZA - PLANTER/SEATWALL DETAILS
35-36	POLICE PLAZA - HARDSCAPE DETAILS
37	POLICE PLAZA - SITE FURNITURE/GENERAL DETAILS
38	POLICE PLAZA - PLANTING DETAILS
39	POLICE PLAZA - PLANTING NOTES

REVISIONS	
NAME	DATE
IDOT COMMENTS	3/27/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

INDEX OF SHEETS,  
STATE STANDARDS  
AND GENERAL NOTES

SCALE: NTS  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 63027				

SUMMARY OF QUANTITIES					
ITEM CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	Y003	Y030-1E
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	66	66	
20101000	TEMPORARY FENCE	FOOT	630	630	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	659.8	659.8	
*25200200	SUPPLEMENTAL WATERING	UNIT	2	2	
*25200700	SODDING, SPECIAL	SQ YD	187	187	
*25301500	TREES	EACH	6	6	
*25301700	SHRUBS	EACH	66	66	
*25400100	PERENNIAL PLANTS	UNIT	40	40	
42001300	PROTECTIVE COAT	SQ YD	1,033	1,033	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	180	180	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	SQ FT	375	375	
44000100	PAVEMENT REMOVAL	SQ YD	883	883	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	180	180	
44000300	CURB REMOVAL	FOOT	136	136	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	2,512	2,512	
44000600	SIDEWALK REMOVAL	SQ FT	23,763	23,763	
*56200300	WATER SERVICE LINE, 1"	FOOT	150	150	
*56500600	DOMESTIC WATER SERVICE BOXES TO BE ADJUSTED	EACH	29	29	
60234200	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	EACH	1	1	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	12	12	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	11	11	
60404300	FRAMES AND GRATES, TYPE 3	EACH	4	4	
60404305	FRAMES AND GRATES, TYPE 3V	EACH	6	6	
60404940	FRAMES AND GRATES, TYPE 23	EACH	2	2	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	4	4	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	7	7	
60600605	CONCRETE CURB, TYPE B	FOOT	132	132	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	2,349	2,349	
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	163	163	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
*80400100	ELECTRIC SERVICE INSTALLATION	EACH	2		2
*80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1		1
*81000600	CONDUIT IN TRENCH, 2" DIA, GALVANIZED STEEL	FOOT	291		291
*81012500	CONDUIT IN TRENCH, 1 1/2" DIA, PVC	FOOT	5,250		5,250
*81018500	CONDUIT, PUSHED, 2" DIA, GALVANIZED STEEL	FOOT	250		250
*81018900	CONDUIT, PUSHED, 4" DIA, GALVANIZED STEEL	FOOT	112		112
*81400100	HANDHOLE	EACH	11		11
*81400115	HANDHOLE TO BE ADJUSTED	EACH	16		16
*81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	21,000		21,000
*81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	8,250		8,250
*81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	500		500
*81702460	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 3/0	FOOT	225		225
*81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	3,100		3,100
*82500505	LIGHTING CONTROLLER, SPECIAL	EACH	2		2
*83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	270		270
*83600215	LIGHT POLE FOUNDATION, 24" DIAMETER, OFFSET	FOOT	70		70
*84200600	REMOVAL OF EXISTING LIGHTING UNIT, NO SALVAGE	EACH	8		8
*84200700	LIGHTING FOUNDATION REMOVAL	EACH	8		8
*84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	3		3
*87800215	CONCRETE FOUNDATION, TYPE D	FOOT	4		4
*89502380	REMOVAL OF EXISTING HANDHOLE	EACH	21		21
*X0539800	TREE GRATES	EACH	16		16
X4021000	TEMPORARY ACCESS (PRIVATE ENTRANCE)	EACH	9		9
XX002948	TEMPORARY ACCESS WALK	EACH	44		44
XX003219	UNIT PAVERS	SQ FT	25,569		25,569
XX004869	UNIT PAVERS, TACTILE	SQ FT	150		150
*XX006937	GROUND ROD, 5/8" DIA, X 10 FT	EACH	39		39
Z0013798	CONSTRUCTION LAYOUT	L SUM	1		1

SUMMARY OF QUANTITIES					
ITEM CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	Y003	Y030-1E
Z0076600	TRAINEES	HOUR	500	500	
XX005064	CLASS D PATCHES	SQ YD	883	883	
XX007448	CONCRETE EDGING, 6" WIDE	FOOT	286	286	
XX007449	CONCRETE EDGING, 12" WIDE	FOOT	1,837	1,837	
XX006805	PORTLAND CEMENT CONCRETE BASE COURSE, 4 INCH SPECIAL	SQ FT	24,969	24,969	
XX007450	*ORNAMENTAL LIGHT POLE, INSTALL ONLY	EACH	33		33
XX001136	*LIGHT POLE, SPECIAL	EACH	3		3
X0321766	*LIGHT POLE, SPECIAL (DECORATIVE ORNAMENTAL)	EACH	1		1
XX007451	*STREET TREE LIGHTING SYSTEM	EACH	13		13
XX001621	BRICK PAVER REMOVAL	SQ FT	4500	4,500	
XX007454	RAISED PLANTERS REMOVAL	FOOT	250	250	
XX007456	*UTILITY TRENCH - WATER SUPPLY	FOOT	150	150	
X0322983	STONE CURB	FOOT	40	40	
XX007209	*SKATEBOARD DETERRENT	FOOT	20	20	
XX007457	FLAGSTONE PAVERS	SQ FT	250	250	
XX007458	STONE WALL - SINGLE SIDED	FOOT	236	236	
XX007459	STONE WALL - DOUBLE SIDED	FOOT	40	40	
XX007460	STONE PIER	EACH	7	7	
XX007461	*OUTCROPPING	FOOT	70	70	
XX007462	*STEEL PLANTER BOXES	FOOT	110	110	
X0301571	*GATES, SPECIAL	EACH	4	4	
XX007465	*STEEL FENCE PANELS	FOOT	185	185	
XX007466	*BENCH 6'	EACH	22	22	
XX007467	*BENCH 4'	EACH	5	5	
XX000959	*TRASH RECEPTACLES	EACH	4	4	
XX007468	*PEDESTRIAN STREET LIGHT	EACH	3		3
XX007469	*UPLIGHTS	EACH	24		24
XX003308	*TRENCH DRAINS	FOOT	60	60	
XX007470	*PVC STORM PIPE / UNDERDRAINAGE	FOOT	500	500	
XX007471	*WATER TAP	EACH	1	1	
XX007472	*ORNAMENTAL GRASSES	UNIT	6	6	
XX007473	*GROUND COVER	UNIT	70	70	
XX005856	*MULCH-SHARDEDDED HARDWOOD BARK, 3" Depth	CU YD	32	32	
XX004533	*SOIL PLANTING MIXTURE	CU YD	115	115	
XX005967	*TOPSOIL (PLANTING MIXTURE)	CU YD	50	50	
XX007474	*SITE ELECTRIC - DESIGN AND BUILD	EACH	2		2
XX003885	*IRRIGATION SYSTEM	L SUM	1	1	
XX007475	FOUNTAIN REMOVAL	L SUM	1	1	

\* SPECIALTY ITEMS

Δ Y030

REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS			
ITEM DESCRIPTION	DEPTH (IN)	EXCAVATION (CU YD)	
UNIT PAVERS	25,569	SQ FT	552.4
UNIT PAVERS, TACTILE	150	SQ FT	3.3
SODDING, SPECIAL	187	SQ YD	20.8
MISC SITE WORK			83.3
TOTAL REMOVAL AND DISPOSAL OF UNSUITABLES =			659.8

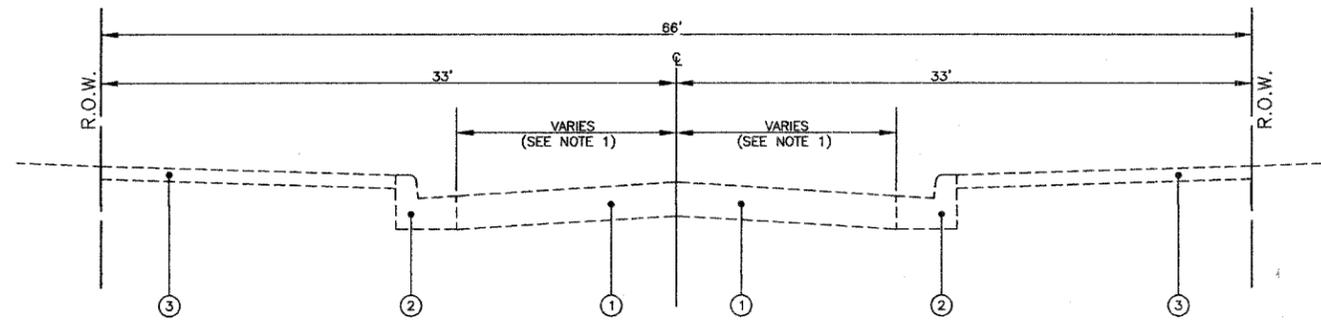
REVISIONS	
NAME	DATE
IDOT COMMENTS	3/27/07

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U. 2678  
YORK ROAD

SUMMARY OF QUANTITIES

SCALE: NTS  
DATE: 12/22/07

DRAWN BY: RAJ  
CHECKED BY: JDM



EXISTING TYPICAL SECTION  
YORK ROAD  
STA. 1+50 TO STA. 13+84

**LEGEND**

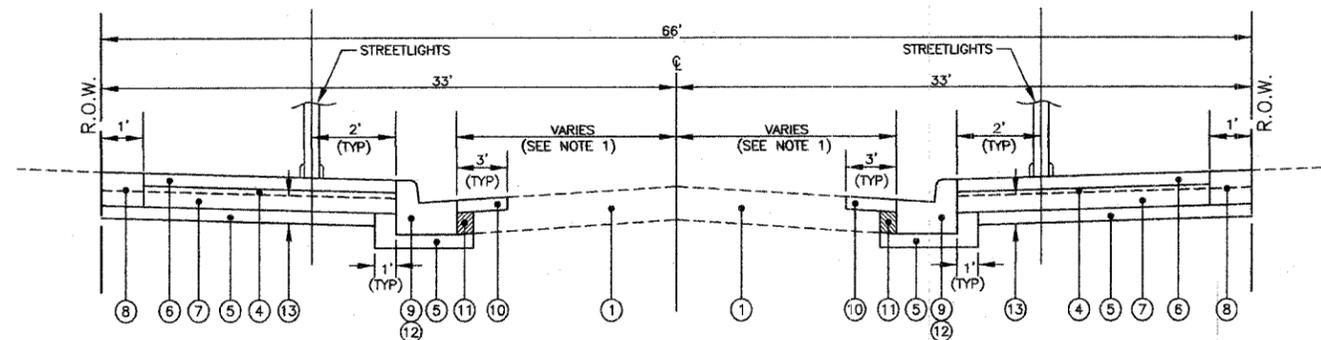
- ① EXISTING HOT-MIX ASPHALT PAVEMENT (THICKNESS VARIES)
- ② EXISTING CURB AND GUTTER
- ③ EXISTING PCC SIDEWALK
- ④ SIDEWALK REMOVAL
- ⑤ SUB-BASE GRANULAR MATERIAL, TYPE B, 4"
- ⑥ UNIT PAVERS
- ⑦ PORTLAND CEMENT CONCRETE BASE COURSE, 4"
- ⑧ PORTLAND CEMENT CONCRETE EDGING, 12" WIDE
- ⑨ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12\*
- ⑩ CLASS D PATCHES, 2"
- ⑪ PCC PATCH (FILLING OF GAP SHALL BE INCLUDED IN THE COST OF CONCRETE CURB AND GUTTER)
- ⑫ COMBINATION CURB AND GUTTER REMOVAL\*
- ⑬ REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS

\* AT LOCATIONS DESIGNATED BY THE ENGINEER.

NOTE 1 : STA. 1+50 TO STA. 7+98 (38' E-E)  
STA. 7+98 TO STA. 13+84 (54' E-E)

**BENCH MARKS**

- #1 STA. 15+56, 41' LT  
NW FLANGE BOLT ON TOP FLANGE OF FIRE HYDRANT ON THE SOUTH WEST CORNER OF YORK ROAD AND NORTH AVENUE.  
ELEV. = 690.86
- #2 STA. 2+58, 23' LT  
NW FLANGE BOLT ON TOP FLANGE OF FIRE HYDRANT ON THE WEST SIDE OF YORK ROAD.  
ELEV. = 690.90



PROPOSED TYPICAL SECTION  
YORK ROAD  
STA. 1+50 TO STA. 13+84

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AC TYPE	VOIDS
CLASS D PATCHING		
HOT-MIX ASPHALT SURFACE COURSE, MIX C, N50	PG 64-22*	4% @ 50 Gyr.

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN

\* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

REVISIONS	
NAME	DATE

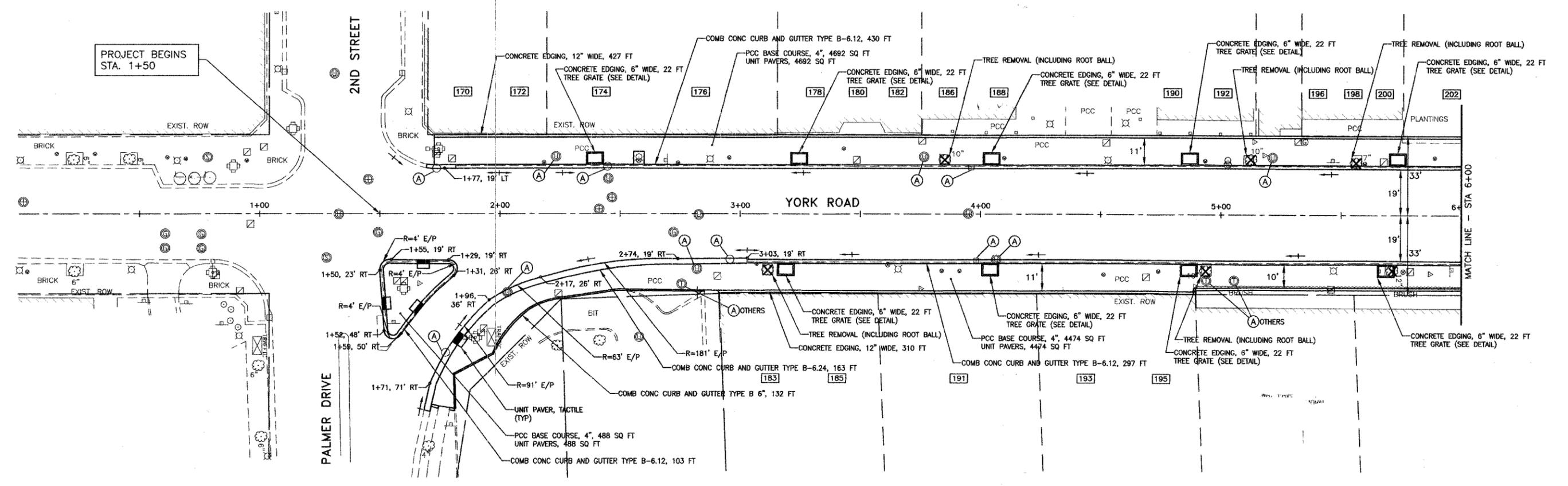
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

TYPICAL SECTIONS  
AND BENCH MARKS

SCALE: NTS  
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DRAWN BY: BCD  
CHECKED BY: JDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00189-00-LT	DUPAGE	39	5
STA. 0+00 TO STA. 6+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				



EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - LEFT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
1+75	19 LT	686.97
1+77	19 LT	686.98
2+00	19 LT	687.12
2+25	19 LT	686.87
2+50	19 LT	686.70
2+75	19 LT	686.84
3+00	19 LT	687.00
3+25	19 LT	687.30
3+50	19 LT	687.52
3+75	19 LT	687.56
4+00	19 LT	687.61
4+25	19 LT	687.65
4+50	19 LT	688.10
4+75	19 LT	688.29
5+00	19 LT	688.48
5+25	19 LT	688.70
5+50	19 LT	688.93
5+75	19 LT	689.15
6+00	19 LT	689.37

EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - RIGHT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
1+71	71 RT	687.19
1+96	36 RT	686.89
2+74	19 RT	687.30
3+03	19 RT	687.15
3+00	19 RT	687.13
3+25	19 RT	687.27
3+50	19 RT	687.41
3+75	19 RT	687.52
4+00	19 RT	687.60
4+25	19 RT	687.78
4+50	19 RT	687.94
4+75	19 RT	688.09
5+00	19 RT	688.33
5+25	19 RT	688.54
5+50	19 RT	688.72
5+75	19 RT	688.97
6+00	19 RT	689.23

STRUCTURES TO BE ADJUSTED

STATION	OFFSET	PROPOSED FRAME TYPE	PROPOSED E/P ELEV.
1+74	19 LT	TYPE 3 FRAME & GRATE	688.94
1+78	58 RT	TYPE 1 FRAME & OPEN LID	687.09
2+03	33 RT	TYPE 1 FRAME & OPEN LID	686.85
2+24	24 LT	TYPE 1 FRAME & CLOSED LID	-
2+45	19 RT	TYPE 3 FRAME & GRATE	686.67
2+82	23 RT	TYPE 1 FRAME & CLOSED LID	-
2+96	19 RT	TYPE 1 FRAME & OPEN LID	687.10
3+76	24 LT	TYPE 1 FRAME & CLOSED LID	-
3+96	19 LT	TYPE 3V FRAME & GRATE	687.60
3+98	19 RT	TYPE 3V FRAME & GRATE	687.59
4+07	19 RT	TYPE 1 FRAME & CLOSED LID	687.65
5+21	24 LT	TYPE 1 FRAME & CLOSED LID	-

LEGEND

- [F] FILLING EXISTING STRUCTURE
- [A] STRUCTURE TO BE ADJUSTED WITH NEW FRAME & LID
- [R] STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME & LID
- [REM] STRUCTURE TO BE REMOVED

REVISIONS

NAME	DATE

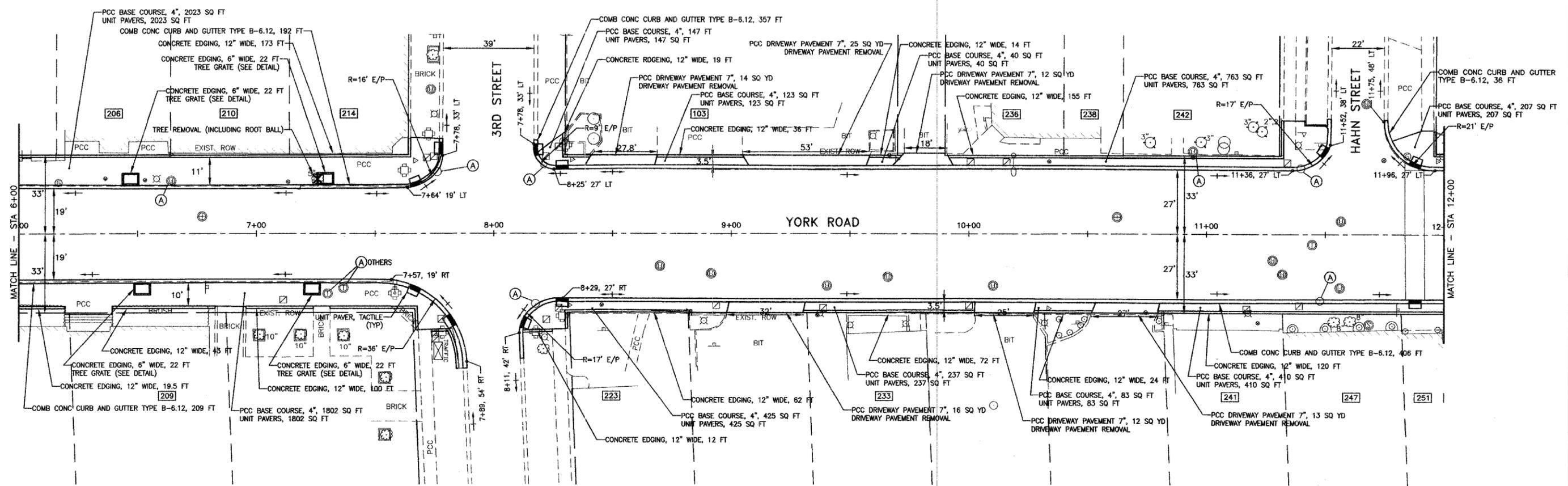
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

STREETSCAPE PLAN SHEET

SCALE: 1"=20'  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	6
STA.	6+00	TO STA.	12+00	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				



EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - LEFT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
6+00	19 LT	689.37
6+25	19 LT	689.57
6+50	19 LT	689.77
6+75	19 LT	689.92
7+00	19 LT	690.11
7+25	19 LT	690.21
7+50	19 LT	690.30
7+64	19 LT	690.20
8+25	27 LT	690.06
8+50	27 LT	690.17
8+75	27 LT	690.16
9+00	27 LT	690.11
9+25	27 LT	690.02
9+50	27 LT	689.94
9+75	27 LT	689.86
10+00	27 LT	689.78
10+25	27 LT	689.66
10+50	27 LT	689.57
10+75	27 LT	689.53
11+00	27 LT	689.45
11+25	27 LT	689.21
11+36	27 LT	689.10
11+96	27 LT	689.02
12+00	27 LT	689.03

EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - RIGHT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
6+00	19 RT	689.23
6+25	19 RT	689.45
6+50	19 RT	689.63
6+75	19 RT	689.76
7+00	19 RT	689.94
7+25	19 RT	690.14
7+50	19 RT	690.28
7+57	19 RT	690.29
8+29	27 RT	690.27
8+50	27 RT	690.45
8+75	27 RT	690.23
9+00	27 RT	690.01
9+25	27 RT	689.81
9+50	27 RT	689.70
9+75	27 RT	689.62
10+00	27 RT	689.53
10+25	27 RT	689.44
10+50	27 RT	689.35
10+75	27 RT	689.26
11+00	27 RT	689.16
11+25	27 RT	689.05
11+50	27 RT	688.92
11+75	27 RT	688.77
12+00	27 RT	688.64

STRUCTURES TO BE ADJUSTED

STATION	OFFSET	PROPOSED FRAME TYPE	PROPOSED E/P ELEV.
6+64	22 LT	TYPE 1 FRAME & CLOSED LID	-
7+76	25 LT	TYPE 3V FRAME & GRATE	690.12
8+18	30 RT	TYPE 3V FRAME & GRATE	690.19
8+21	27 LT	TYPE 1 FRAME & OPEN LID	690.01
10+94	35 LT	TYPE 3V FRAME & CLOSED LID	-
11+40	27 LT	TYPE 3V FRAME & GRATE	689.07
11+48	27 RT	TYPE 3V FRAME & GRATE	688.94

- LEGEND
- [F] FILLING EXISTING STRUCTURE
  - [A] STRUCTURE TO BE ADJUSTED WITH NEW FRAME & LID
  - [R] STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME & LID
  - [REM] STRUCTURE TO BE REMOVED

REVISIONS

NAME	DATE

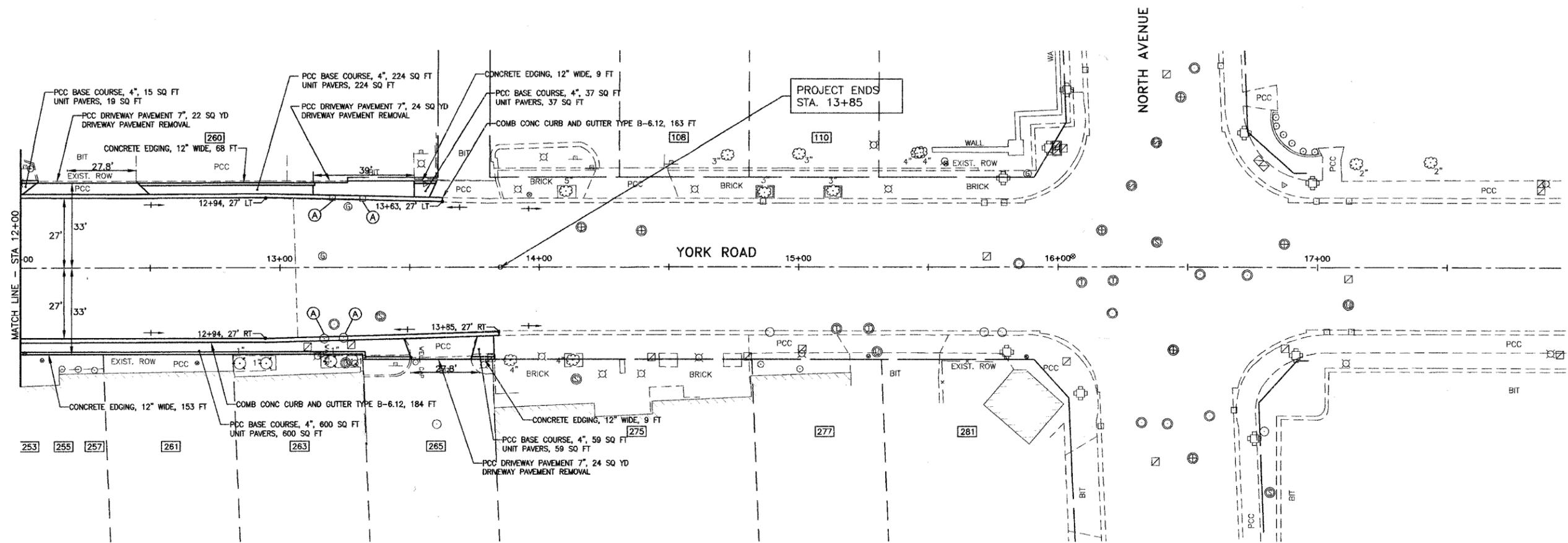
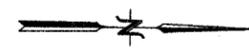
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

STREETSCAPE PLAN SHEET

SCALE: 1"=20'  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	7
STA. 12+00 TO STA. 13+85		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				



EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - LEFT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
12+00	27 LT	689.03
12+25	27 LT	688.99
12+50	27 LT	688.93
12+75	27 LT	688.83
12+94	27 LT	688.78
13+00	26.87 LT	688.76
13+25	26.33 LT	688.45
13+50	25.78 LT	688.58
13+63	MATCH EXISTING	

EDGE OF PAVEMENT ELEVATIONS  
YORK STREET - RIGHT

STATION	OFFSET (FOOT)	PROPOSED EDGE OF PAVEMENT ELEVATION
12+00	27 RT	688.64
12+25	27 RT	688.54
12+50	27 RT	688.45
12+75	27 RT	688.36
12+94	27 RT	688.33
13+00	26.85 RT	688.32
13+25	26.33 RT	688.34
13+50	25.61 RT	688.61
13+75	25 RT	688.72
13+85	MATCH EXISTING	

STRUCTURES TO BE ADJUSTED

STATION	OFFSET	PROPOSED FRAME TYPE	PROPOSED E/P ELEV.
13+17	27 RT	TYPE 3 FRAME & GRATE	688.30
13+21	26 LT	TYPE 23 FRAME & GRATE	688.51
13+24	27 RT	TYPE 3 FRAME & GRATE	688.34
13+32	25 LT	TYPE 23 FRAME & GRATE	688.37

- LEGEND
- [E] FILLING EXISTING STRUCTURE
  - (A) STRUCTURE TO BE ADJUSTED WITH NEW FRAME & LID
  - (R) STRUCTURE TO BE RECONSTRUCTED WITH NEW FRAME & LID
  - [REM] STRUCTURE TO BE REMOVED

REVISIONS

NAME	DATE

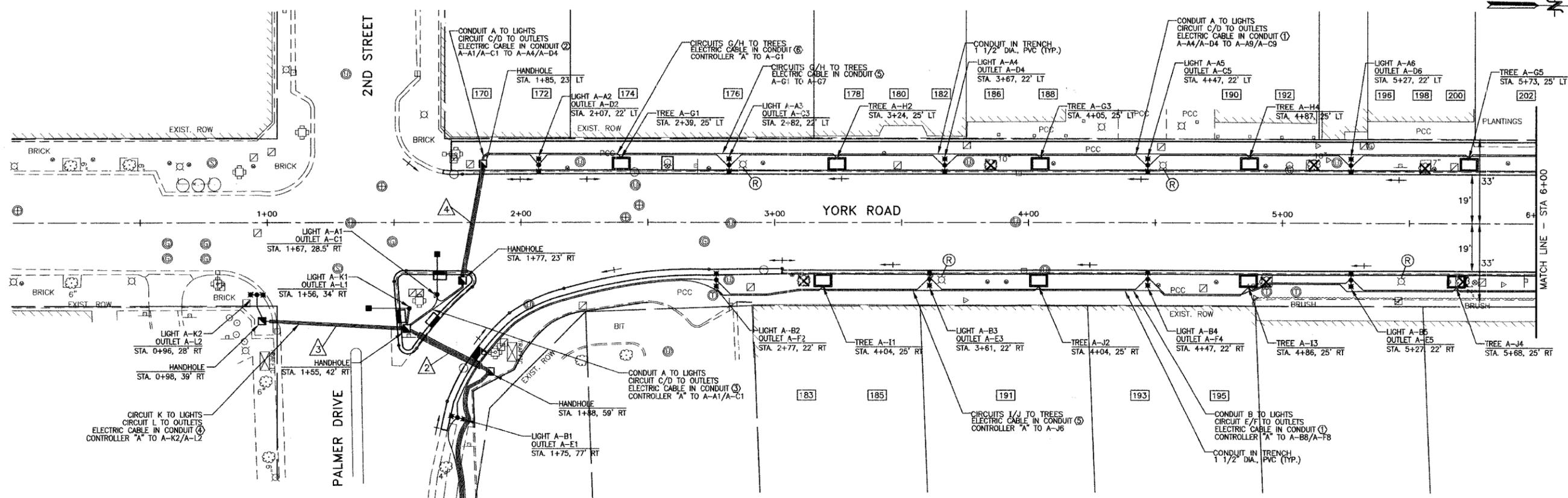
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

STREETScape PLAN SHEET

SCALE: 1"=20'  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	8
STA. 0+00	TO STA. 6+00			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				



CONDUIT TABLE

CONDUIT	LENGTH	TYPE	SIZE
①	30'	GALVANIZED STEEL IN TRENCH	2"
②	30'	GALVANIZED STEEL PUSHED	4"
③	54'	GALVANIZED STEEL PUSHED	2"
④	44'	GALVANIZED STEEL PUSHED	4"

CONTROLLER "A"  
STA. 1+77, 145' RT

ELECTRIC CABLE IN CONDUIT  
3-1/C NO. 3 Ø 600 V. (XLP TYPE USE)

EXISTING UTILITY POLE  
STA. 1+81, 165' RT  
SERVICE CONNECTION (1) EACH  
120/240 V. SINGLE PHASE

ELECTRIC CABLE LEGEND

- ① LIGHT: 2 #8 XLP (HOT)  
OUTLET: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)
- ② LIGHT: 2 #6 XLP (HOT)  
OUTLET: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #6 XLP (GROUND)
- ③ LIGHT: 2 #6 XLP (HOT)  
OUTLET: 2 #6 XLP (HOT), 1 #6 XLP (NEUTRAL), 1 #6 XLP (GROUND)
- ④ LIGHT: 2 #8 XLP (HOT)  
OUTLET: 1 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)
- ⑤ TREE: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)
- ⑥ TREE: 2 #6 XLP (HOT), 1 #6 XLP (NEUTRAL), 1 #6 XLP (GROUND)

LEGEND

- ✖✖ ORNAMENTAL LIGHT POLE, INSTALL ONLY
- LIGHT POLE, ALUMINUM, 30 FT. M.H. 15 FT. M.A., WITH 1-400 WATT H.P.S. LUMINAIRE AND 1-GFI OUTLET
- PROPOSED LIGHTING CIRCUIT
- ⊙ EXISTING LIGHT TO BE REMOVED
- PROPOSED PAD MOUNTED LIGHTING CONTROLLER
- PROPOSED CONCRETE HANDHOLE
- ⊠ EXISTING CONTROLLER
- ⊠ EXISTING LIGHT (COMBINATION) SIGNAL POST AND LIGHT POLE, 30 FT M.H., 1 1/2 FT M.A.
- ⊠ EXISTING HANDHOLE
- ⊠ EXISTING FIRE HYDRANT
- ⊠ EXISTING MANHOLE
- ⊠ EXISTING POWER POLE

REVISIONS

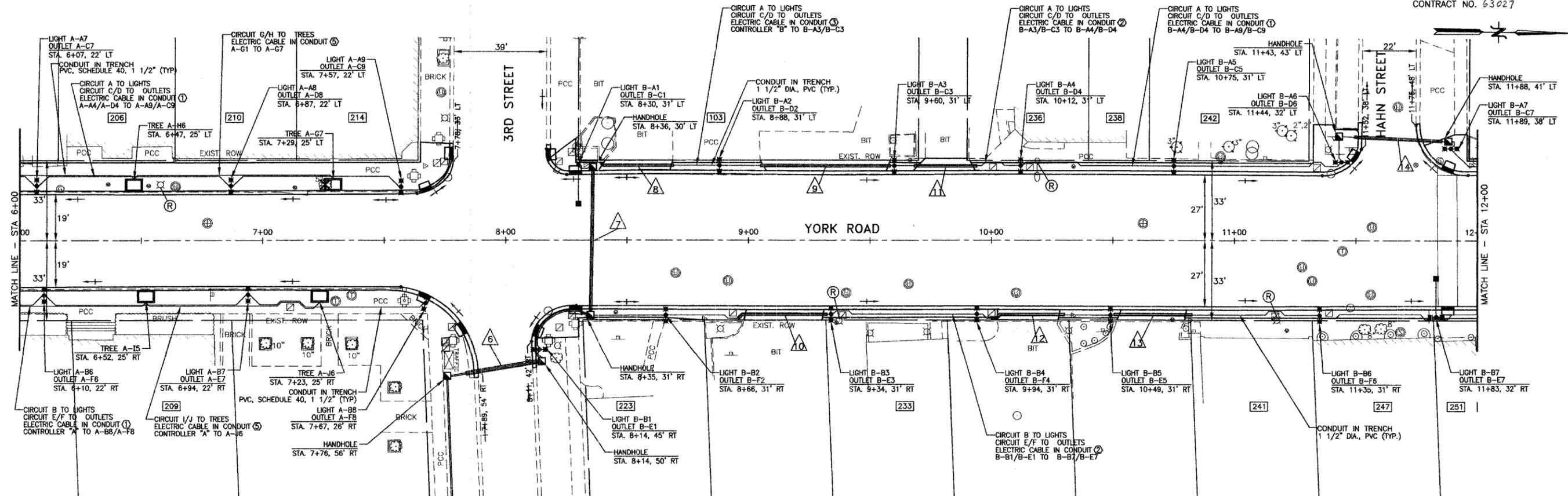
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

LIGHTING PLAN SHEET

SCALE: 1"=20'  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDM



**CONDUIT TABLE**

CONDUIT	LENGTH	TYPE	SIZE
5	90'	GALVANIZED STEEL PUSHED	2"
6	38'	GALVANIZED STEEL PUSHED	4"
7	61'	GALVANIZED STEEL PUSHED	2"
8	32'	GALVANIZED STEEL IN TRENCH	2"
9	55'	GALVANIZED STEEL IN TRENCH	2"
10	36'	GALVANIZED STEEL IN TRENCH	2"
11	27'	GALVANIZED STEEL IN TRENCH	2"
12	30'	GALVANIZED STEEL IN TRENCH	2"
13	32'	GALVANIZED STEEL IN TRENCH	2"
14	45'	GALVANIZED STEEL PUSHED	2"

**ELECTRIC CABLE LEGEND**

- ① LIGHT: 2 #8 XLP (HOT)  
OUTLET: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)
- ② LIGHT: 2 #6 XLP (HOT)  
OUTLET: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #6 XLP (GROUND)
- ③ LIGHT: 2 #6 XLP (HOT)  
OUTLET: 2 #6 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #6 XLP (GROUND)
- ④ LIGHT: 2 #4 XLP (HOT)  
OUTLET: 2 #6 XLP (HOT), 1 #6 XLP (NEUTRAL), 1 #4 XLP (GROUND)
- ⑤ TREE: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)

**LEGEND**

- ✖✖ ORNAMENTAL LIGHT POLE, INSTALL ONLY
- ⊥ LIGHT POLE, ALUMINUM, 30 FT. M.H. 15 FT. M.A., WITH 1-400 WATT H.P.S. LUMINAIRE AND 1-GFI OUTLET
- ⊥ LIGHT POLE, ALUMINUM, 30 FT. M.H. 15 FT. M.A., WITH 1-400 WATT H.P.S. LUMINAIRE, 2-100 WATT H.P.S. ORNAMENTAL FIXTURES AND 1-GFI OUTLET
- PROPOSED LIGHTING CIRCUIT
- ⊙ EXISTING LIGHT TO BE REMOVED
- ⊠ PROPOSED PAD MOUNTED LIGHTING CONTROLLER
- ⊠ PROPOSED CONCRETE HANDHOLE
- ⊠ EXISTING CONTROLLER
- ⊠ EXISTING LIGHT (COMBINATION) SIGNAL POST AND LIGHT POLE, 30 FT. M.H., 1 1/2 FT. M.A.
- ⊠ EXISTING HANDHOLE
- ⊠ EXISTING FIRE HYDRANT
- ⊠ EXISTING MANHOLE
- ⊠ EXISTING POWER POLE

**REVISIONS**

NAME	DATE

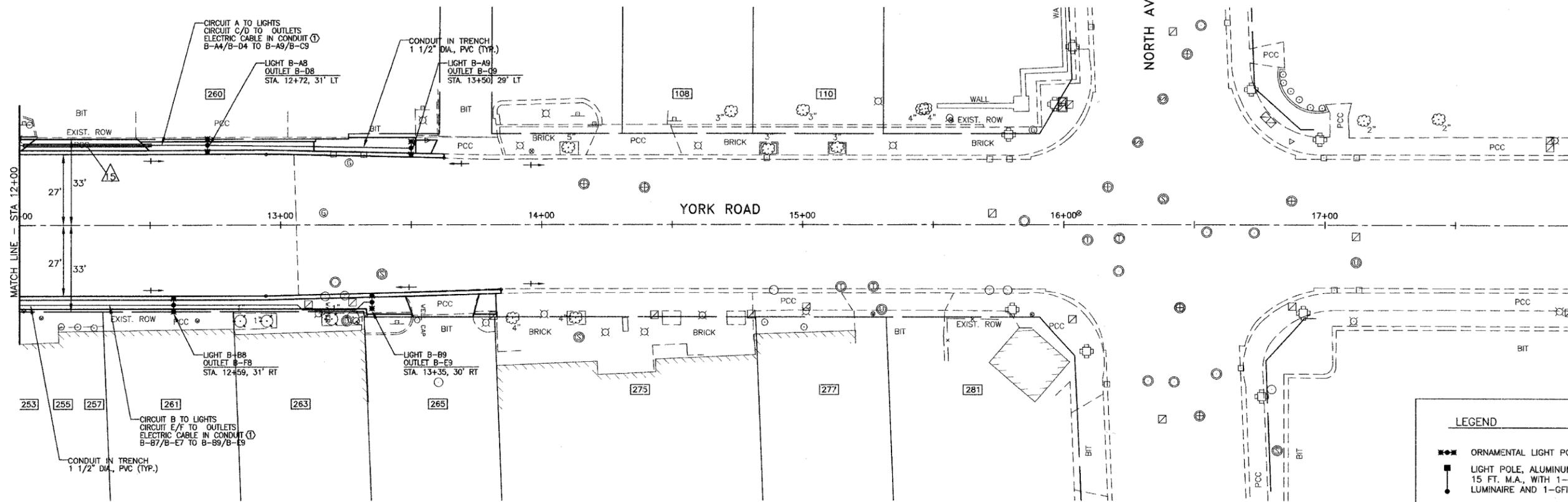
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

**LIGHTING PLAN SHEET**

SCALE: 1"=20'  
12/22/07

DRAWN BY: BCD  
CHECKED BY: JDM

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	10
STA. 12+00	TO STA. 13+85			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				



CONDUIT TABLE

CONDUIT	LENGTH	TYPE	SIZE
△15	49'	GALVANIZED STEEL IN TRENCH	2"

ELECTRIC CABLE LEGEND

① LIGHT: 2 #8 XLP (HOT)  
 OUTLET: 2 #8 XLP (HOT), 1 #8 XLP (NEUTRAL), 1 #8 XLP (GROUND)

LEGEND

- ◆◆◆ ORNAMENTAL LIGHT POLE, INSTALL ONLY
- LIGHT POLE, ALUMINUM, 30 FT. M.H. 15 FT. M.A., WITH 1-400 WATT H.P.S. LUMINAIRE AND 1-GFI OUTLET
- PROPOSED LIGHTING CIRCUIT
- ⊙ (R) EXISTING LIGHT TO BE REMOVED
- PROPOSED PAD MOUNTED LIGHTING CONTROLLER
- PROPOSED CONCRETE HANDHOLE
- ⊠ EXISTING CONTROLLER
- ⊠ EXISTING LIGHT (COMBINATION) SIGNAL POST AND LIGHT POLE, 30 FT M.H., 1 1/2 FT M.A.
- ⊠ EXISTING HANDHOLE
- ⊠ EXISTING FIRE HYDRANT
- ⊙ EXISTING MANHOLE
- ⊠ EXISTING POWER POLE

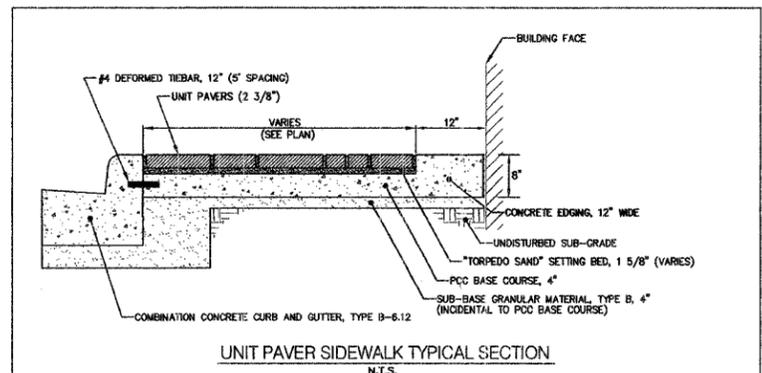
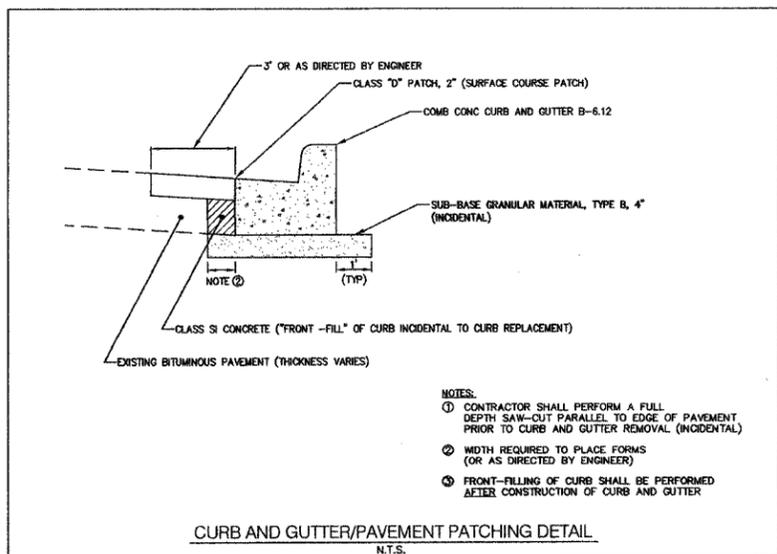
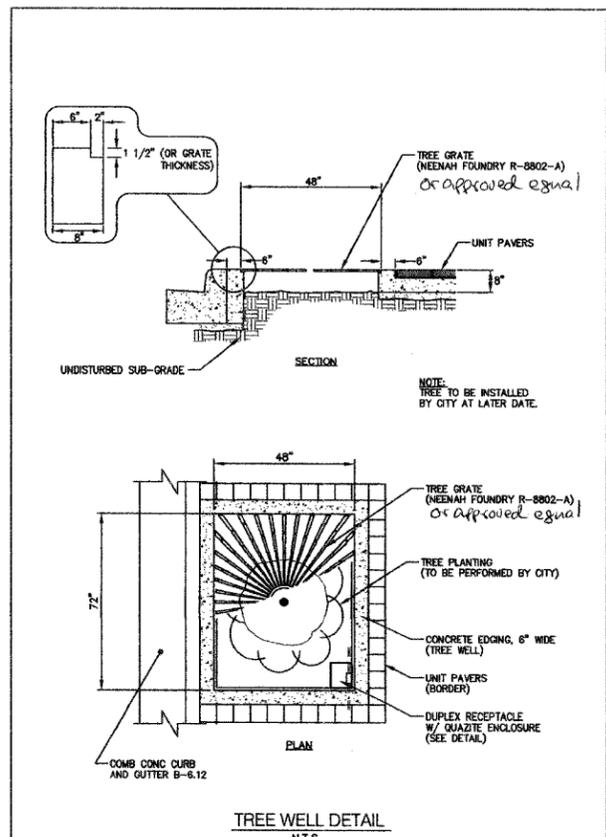
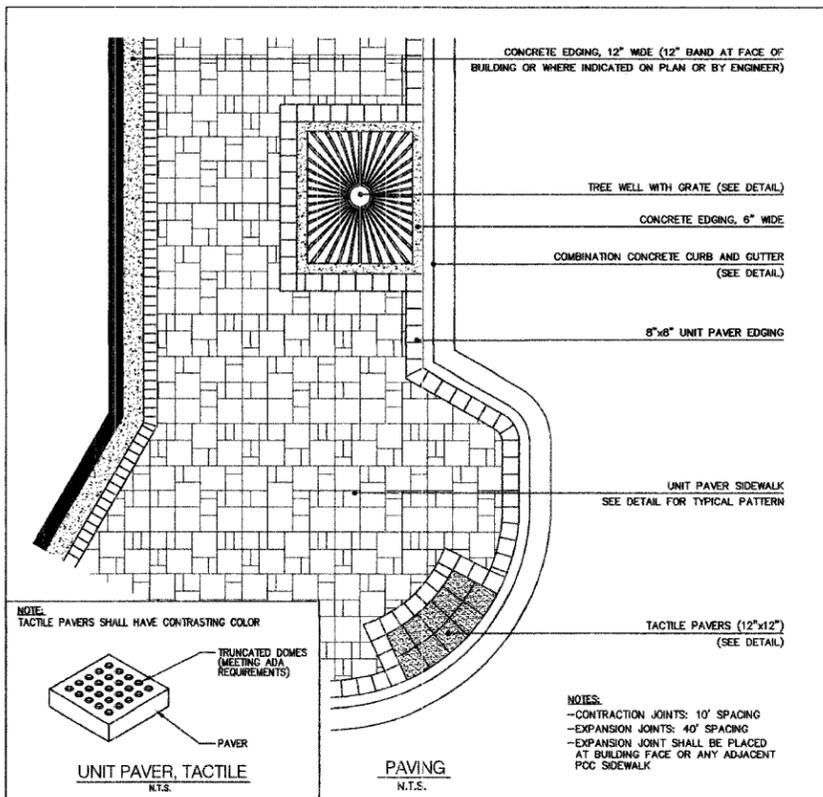
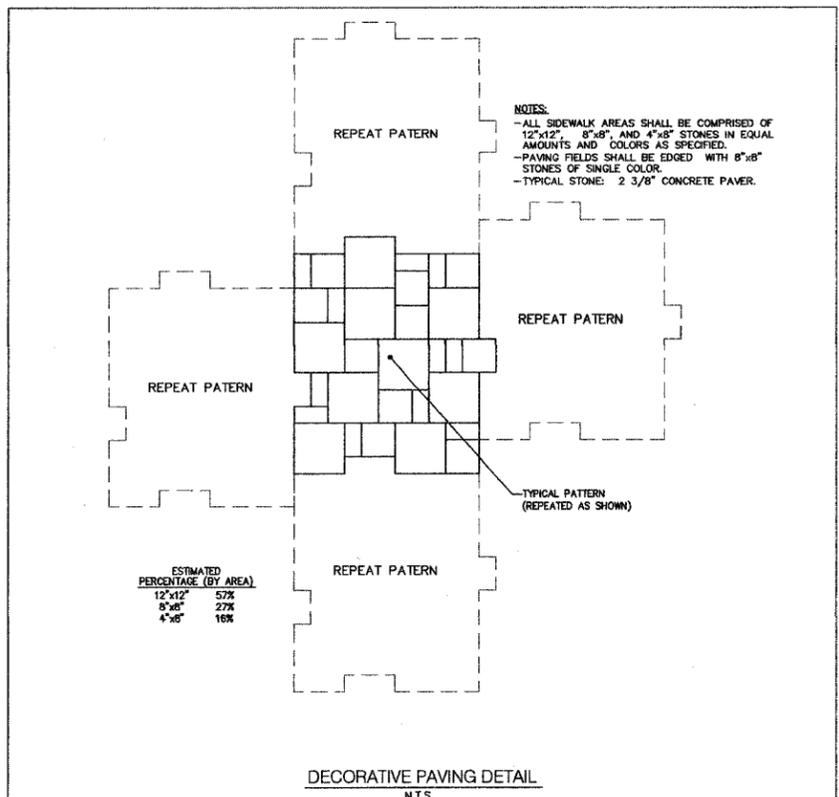
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.U.  
 YORK ROAD

LIGHTING PLAN SHEET

SCALE: 1"=20'  
 12/22/07

DRAWN BY: BCD  
 CHECKED BY: JDM



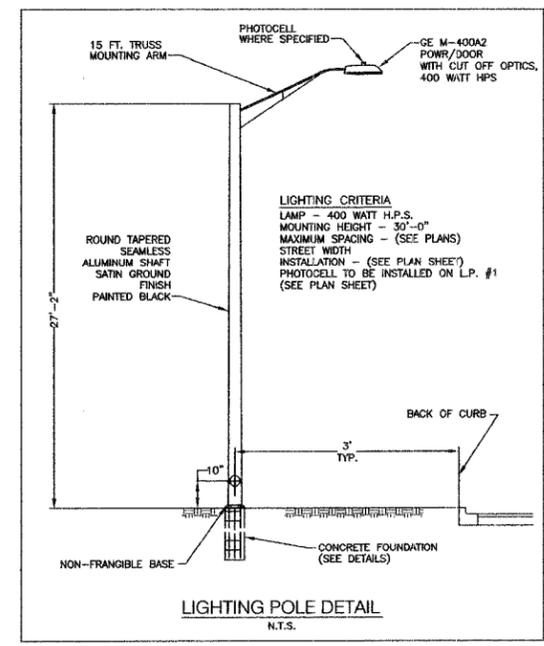
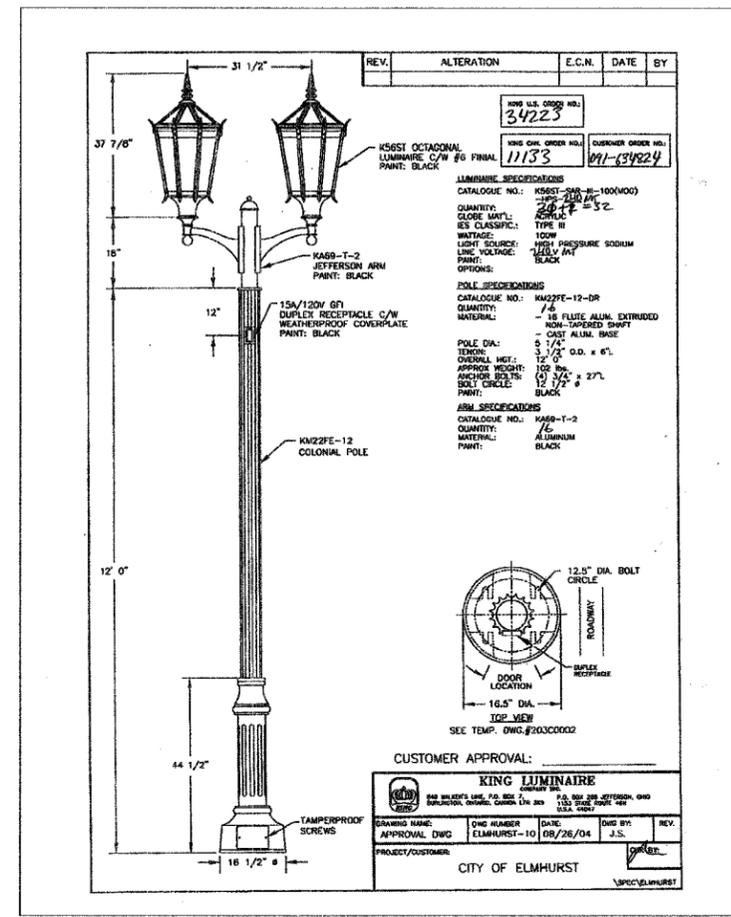
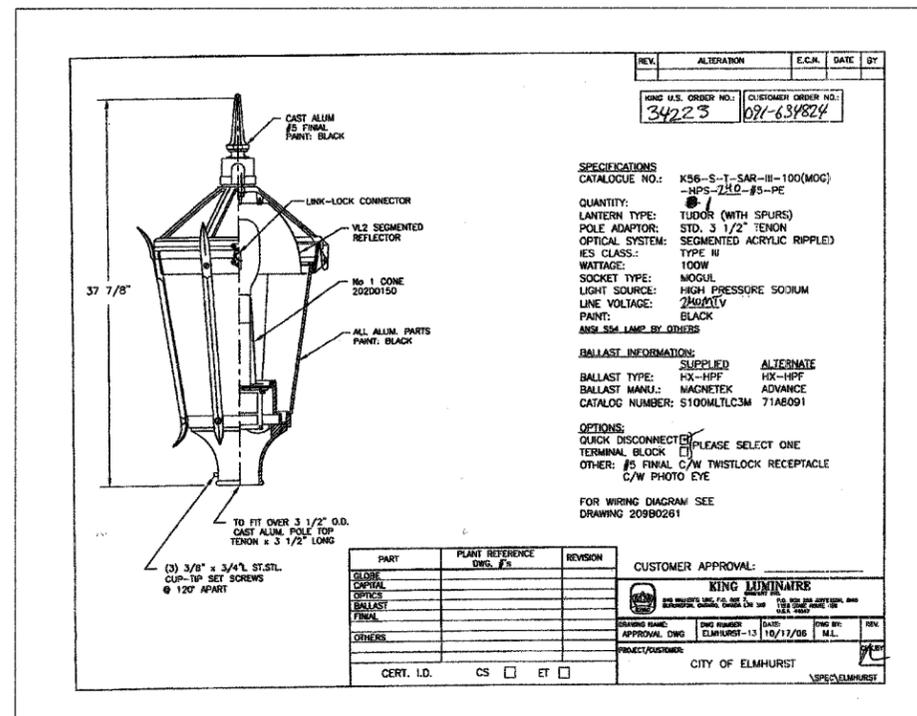
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.U.  
 YORK ROAD

CONSTRUCTION DETAILS

SCALE: NTS  
 12/22/07

DRAWN BY: BCD  
 CHECKED BY: JDS



Adjustable door stay keeps door open during maintenance

Reinforced double hinged door with stainless steel hardware

LB-42-26-29-1B Base for concrete

LB-29-17-12-A Mounting Adapter

LB-5-15-36 Pedestal, 3 bolt, 36" high

**LB-42-26-14** This cabinet is designed as an outdoor enclosure for panel mounted street lighting control equipment, traffic signal controllers and cable terminations. The inside dimensions are: 42" high x 26" wide x 14" deep. Typical wall thickness is .250". A reinforced hinged door comes equipped with a safe enclosure lock, when closed maintains a positive pressure against a neoprene gasket, making the cabinet weather resistant. An adjustable door stay holds the door open during maintenance. Added protection from the rain and dust is provided by a water-shed extending 1/4" from the face of the cabinet completely surrounding the door opening. A legend, as specified, can be integrally cast on the door in 1" letters raised 1/8" high. See the accessories page for optional mounting and venting methods.

**LB-42-26-29-1B** Base for concrete mounting of LB-42-26-14 cabinet. Dimensions are 29" long x 17" wide x 12" high. Four bolts secure the base to the foundation.

**Important:** This box is cast in one piece. No welded joints or seams that can leak. The wall thickness is .250" as compared to a fabricated box that has a thin wall of .125" typical.

**STREET LIGHTING**

**CITY OF ELMHURST**

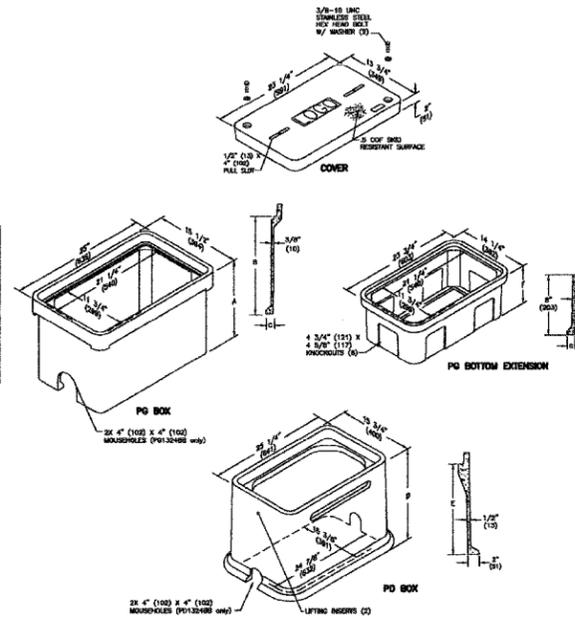
**LB-SSL** Standard "Street Lighting" nameplate. Measures 5" tall x 9" long x .250" thick

**LB-8CO** "City of \_\_\_\_\_" nameplate. Made to order with specified name. Measures 5 1/2" tall x 9" long x .250" thick

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.U. YORK ROAD
NAME	DATE	
		LIGHTING DETAILS
SCALE: NTS 12/22/07		DRAWN BY: BCD CHECKED BY: JDM

**SPECIFICATIONS/DATA**

**13" x 24" PG Style (Stackable) Assembly and 13" x 24" PD Style Assembly**



SEPTEMBER 2007  
24  
QUAZITE BRAND OR AN APPROVED EQUAL

**SPECIFICATIONS/DATA**

**13" x 24" PG Style (Stackable) Assembly and 13" x 24" PD Style Assembly**

**Covers (Blank unless logo is specified)**

DESCRIPTION	PART NO.	WEIGHT #	DESIGN/TEST LOAD #	ANSI TIER
W/2 Bolt	P01324C00	33 (15 kg)	2,000 / 12,000	2
Galvanized W/2 Bolt	P01324C00	33 (15 kg)	2,000 / 12,000	2
Die Bolt	P01324W00	33 (15 kg)	2,000 / 12,000	2
Heavy Duty W/2 Bolt	P01324H00	51 (23 kg)	15,000 / 22,500	15
Galvanized Heavy Duty W/2 Bolt	P01324H00	51 (23 kg)	15,000 / 22,500	15
Extra Heavy Duty W/2 Bolt	P01324E00	54 (24 kg)	22,500 / 33,750	22

Covers with meter lids available upon request.  
Galvanized covers and bolt gaskets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

**PG Boxes (Stackable with self-aligning, replaceable EZ fit)**

DESCRIPTION	PART NO.	WEIGHT #	DIMENSION A	DIMENSION B	DIMENSION C	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01324A12	53 (24 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01324A13	72 (33 kg)	18" (457 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01324B12	48 (22.2 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
W/2 Mouseholes	P01324B13	68 (31 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Solid Bottom	P01324A12	53 (24 kg)	12 1/2" (318 mm)	10" (254 mm)	N/A	22,500 / 33,750	22
W/2 Mouseholes	P01324B13	68 (31 kg)	12 1/2" (318 mm)	10" (254 mm)	N/A	22,500 / 33,750	22

**PD Boxes**

DESCRIPTION	PART NO.	WEIGHT #	DIMENSION D	DIMENSION E	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01324E18	104 (47 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
Open Bottom	P01324E20	133 (60 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22
Open Bottom	P01324E18	102 (46 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
W/2 Mouseholes	P01324E18	131 (59 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22
Open Bottom	P01324E20	134 (61 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
W/2 Mouseholes	P01324E20	133 (60 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22

**Extensions (For use under box only, one per box)**

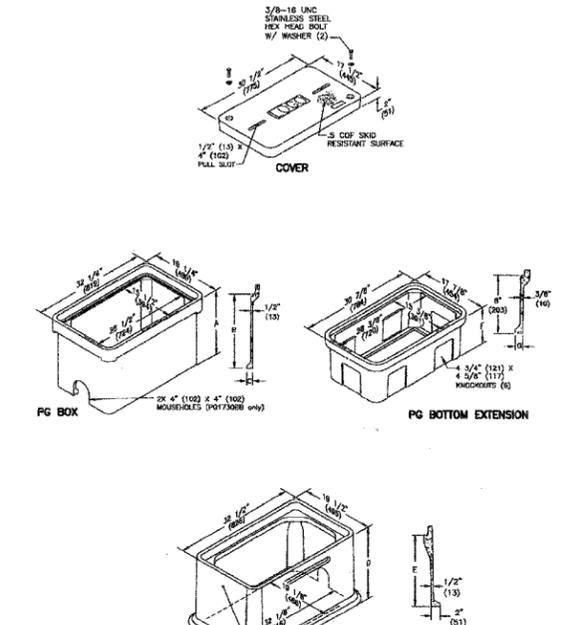
DESCRIPTION	PART NO.	WEIGHT #	DIMENSION F	DIMENSION G	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01324E05	25 (11.3 kg)	8 3/4" (222 mm)	1" (25 mm)	22,500 / 33,750	22
Solid Bottom	P01324E06	35 (15.8 kg)	9 1/4" (235 mm)	N/A	22,500 / 33,750	22

Dimensions & weights in parentheses are metric equivalent.

SEPTEMBER 2007  
25  
QUAZITE BRAND OR AN APPROVED EQUAL

**SPECIFICATIONS/DATA**

**17" x 30" PG Style (Stackable) Assembly and 17" x 30" PD Style Assembly**



SEPTEMBER 2007  
26  
QUAZITE BRAND OR AN APPROVED EQUAL

**SPECIFICATIONS/DATA**

**17" x 30" PG Style (Stackable) Assembly and 17" x 30" PD Style Assembly**

**Covers (Blank unless logo is specified)**

DESCRIPTION	PART NO.	WEIGHT #	DESIGN/TEST LOAD #	ANSI TIER
W/2 Bolt	P01730C00	52 (23.8 kg)	2,000 / 12,000	2
Galvanized W/2 Bolt	P01730C00	52 (23.8 kg)	2,000 / 12,000	2
Die Bolt	P01730W00	52 (23.8 kg)	2,000 / 12,000	2
Heavy Duty W/2 Bolt	P01730H00	83 (37.6 kg)	15,000 / 22,500	15
Galvanized Heavy Duty W/2 Bolt	P01730H00	83 (37.6 kg)	15,000 / 22,500	15
Extra Heavy Duty W/2 Bolt	P01730E00	85 (37.6 kg)	22,500 / 33,750	22

Covers with meter lids available upon request.  
Galvanized covers and bolt gaskets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

**PG Boxes (Stackable with self-aligning, replaceable EZ fit) \*\*22" - 30" Deep boxes must be used on bottom of any stack.**

DESCRIPTION	PART NO.	WEIGHT #	DIMENSION A	DIMENSION B	DIMENSION C	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01730A12	67 (30.4 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730A13	94 (42.9 kg)	18" (457 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B02	106 (48.1 kg)	22" (559 mm)	20" (508 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B04	122 (55.3 kg)	24" (610 mm)	22" (559 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B06	128 (57.7 kg)	28" (711 mm)	28" (686 mm)	1/2" (13 mm)	22,500 / 33,750	22
Open Bottom	P01730B08	144 (65.3 kg)	30" (762 mm)	28" (711 mm)	1/2" (13 mm)	22,500 / 33,750	22
Open Bottom	P01730B12	61 (28.1 kg)	12" (305 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B13	82 (41.7 kg)	18" (457 mm)	10" (254 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B22	104 (47.2 kg)	22" (559 mm)	20" (508 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B24	120 (54.4 kg)	24" (610 mm)	22" (559 mm)	1 1/4" (32 mm)	22,500 / 33,750	22
Open Bottom	P01730B28	134 (60.8 kg)	28" (711 mm)	28" (686 mm)	1/2" (13 mm)	22,500 / 33,750	22
Open Bottom	P01730B30	142 (64.4 kg)	30" (762 mm)	28" (711 mm)	1/2" (13 mm)	22,500 / 33,750	22
Open Bottom	P01730A12	67 (30.4 kg)	12 1/2" (318 mm)	10" (254 mm)	N/A	22,500 / 33,750	22
Open Bottom	P01730A13	94 (42.9 kg)	18 1/2" (470 mm)	10" (254 mm)	N/A	22,500 / 33,750	22
Open Bottom	P01730A22	104 (47.2 kg)	22 1/2" (572 mm)	20" (508 mm)	N/A	22,500 / 33,750	22
Open Bottom	P01730A24	120 (54.4 kg)	24 1/2" (622 mm)	22" (559 mm)	N/A	22,500 / 33,750	22
Open Bottom	P01730A28	143 (65.9 kg)	28 1/2" (724 mm)	28" (686 mm)	N/A	22,500 / 33,750	22
Open Bottom	P01730A30	150 (68.0 kg)	30 1/2" (775 mm)	28" (711 mm)	N/A	22,500 / 33,750	22

**PD Boxes**

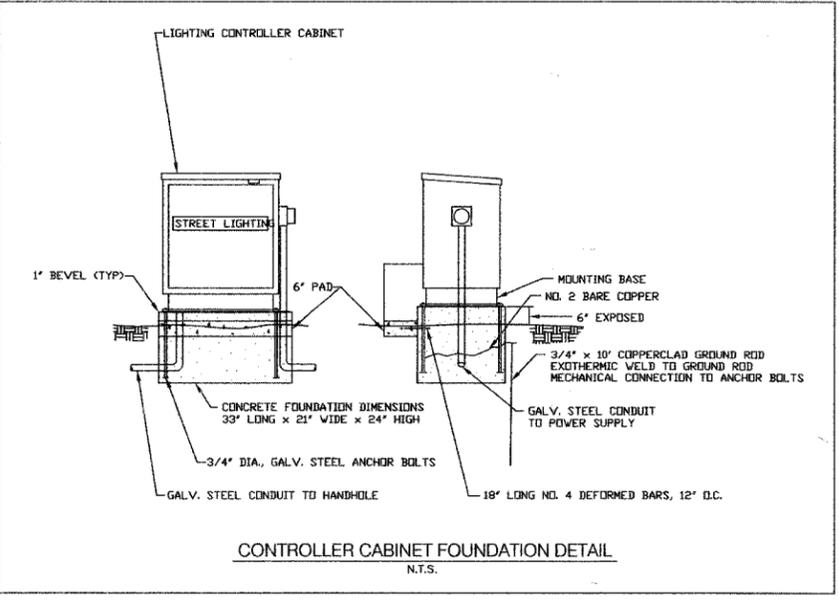
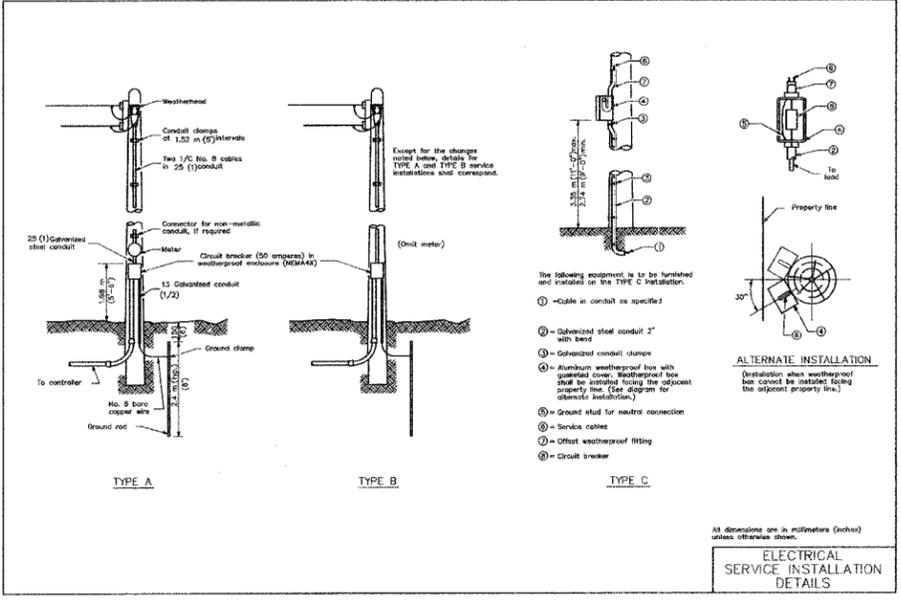
DESCRIPTION	PART NO.	WEIGHT #	DIMENSION D	DIMENSION E	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01730E18	126 (57 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
Open Bottom	P01730E20	186 (85 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22
Open Bottom	P01730E18	127 (58 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
W/2 Mouseholes	P01730E20	184 (84 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22
Open Bottom	P01730E22	130 (59 kg)	18" (457 mm)	10" (254 mm)	22,500 / 33,750	22
W/2 Mouseholes	P01730E22	186 (85 kg)	20" (508 mm)	2" (51 mm)	22,500 / 33,750	22

**Extensions (For use under box only, one per box)**

DESCRIPTION	PART NO.	WEIGHT #	DIMENSION F	DIMENSION G	DESIGN/TEST LOAD #	ANSI TIER
Open Bottom	P01730E05	36 (16.3 kg)	8 3/4" (222 mm)	1" (25 mm)	22,500 / 33,750	22
Solid Bottom	P01730E06	55 (24.9 kg)	9 1/4" (235 mm)	N/A	22,500 / 33,750	22

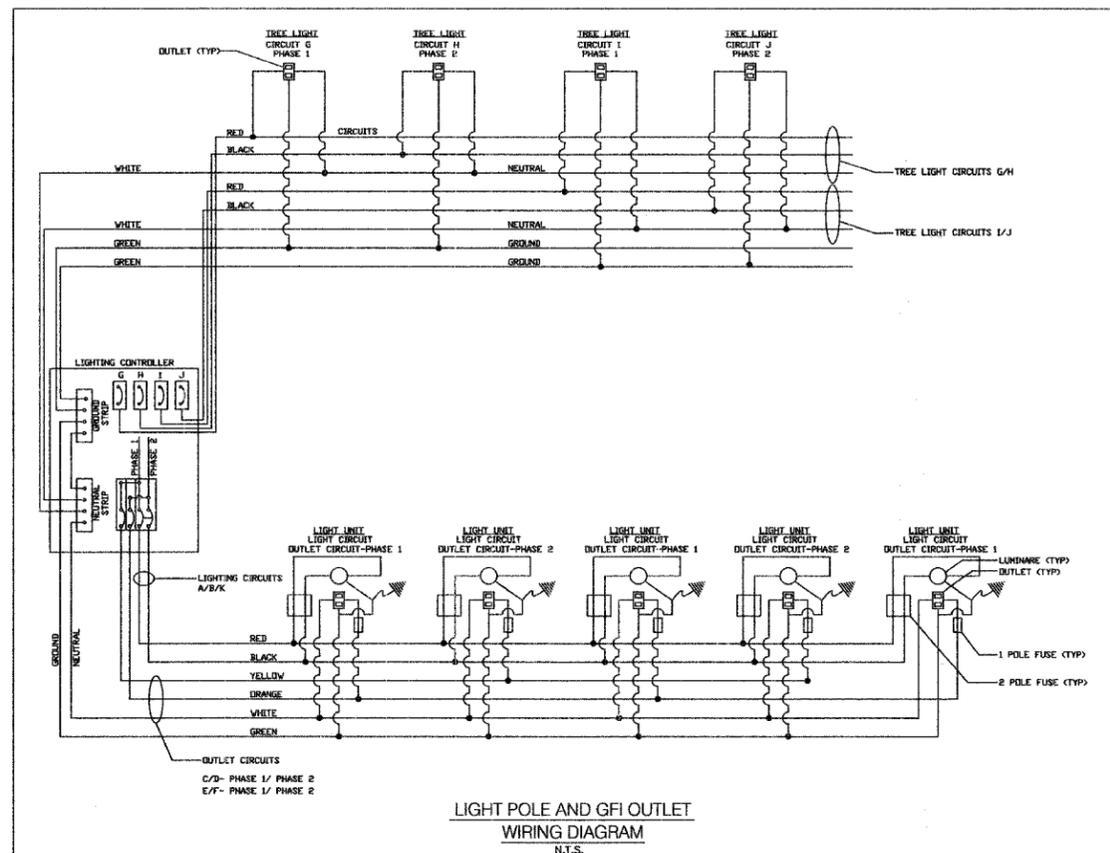
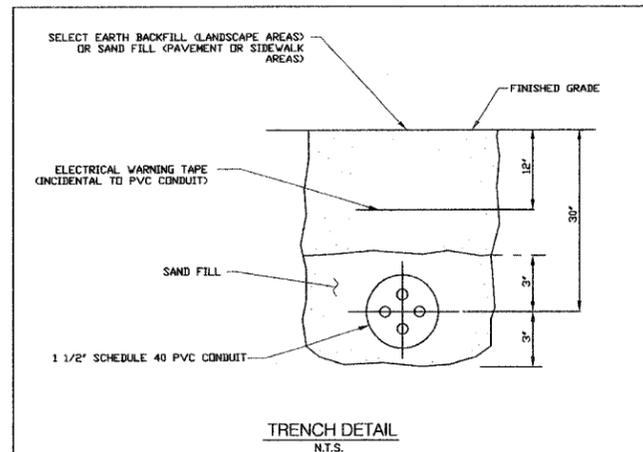
Dimensions & weights in parentheses are metric equivalent.

SEPTEMBER 2007  
29  
QUAZITE BRAND OR AN APPROVED EQUAL



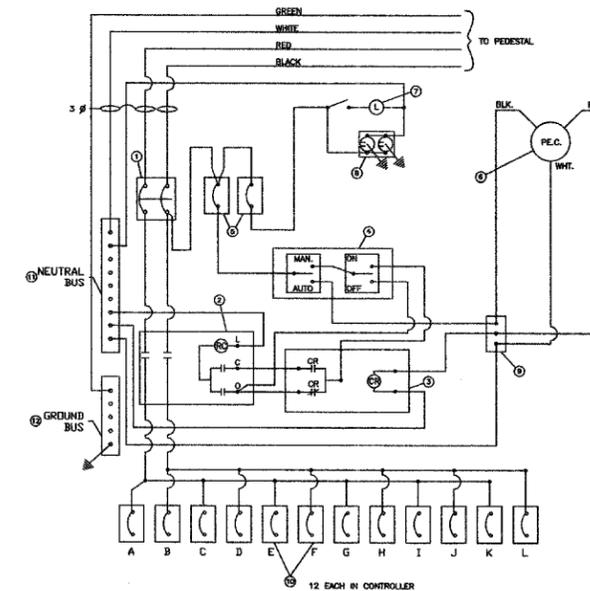
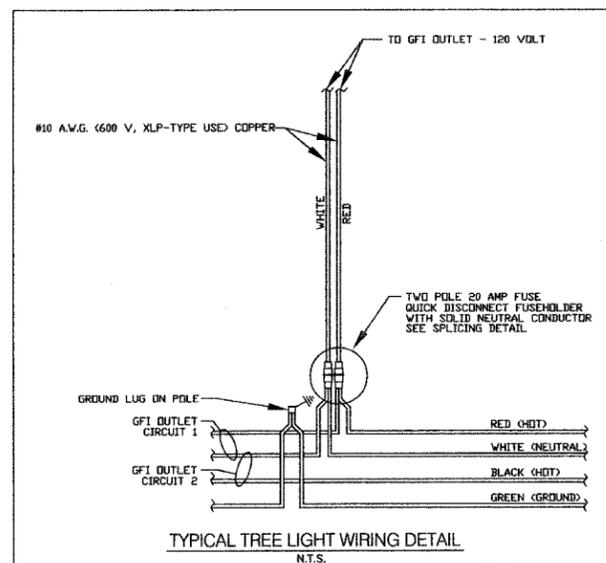
REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION F.A.U. YORK ROAD
NAME	DATE	
DOT COMMENTS	3/27/07	LIGHTING DETAILS
		SCALE: NTS DATE: 12/22/07
		DRAWN BY: BCD CHECKED BY: JDM



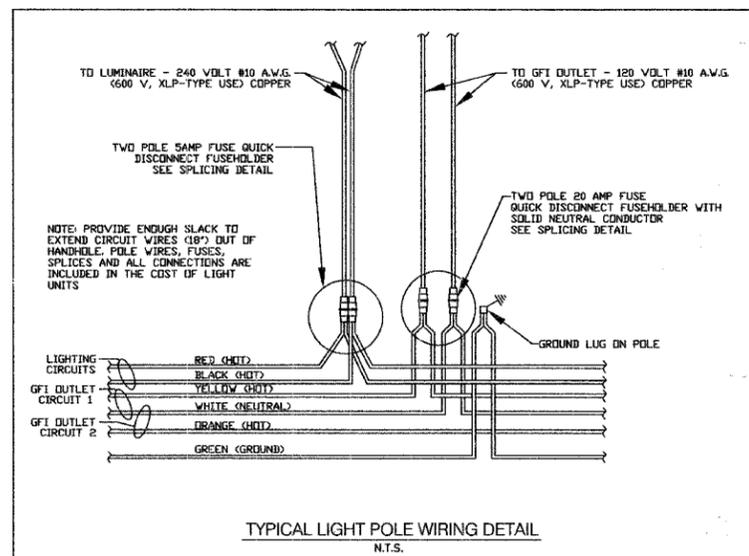
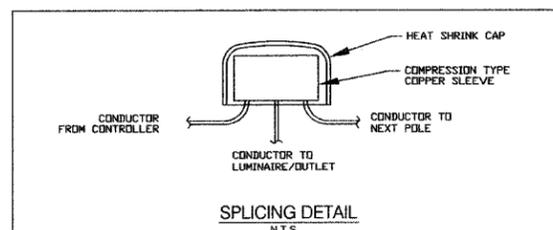


NO.	ITEM
1	CIRCUIT BREAKER - 200 AMP., 2-POLE, 120 V SURFACE MOUNTED ITE OR EQUAL - 600V RATED *
2	CONTACTOR - REMOTE CONTROL, 200 AMP., 2 POLE, 120V COIL, WITH MOUNTING PANEL SQUARE-D OR EQUAL - 600V RATED
3	CONTROL RELAY - 2-WIRE ASCO NO. 47 OR EQUAL IN 4" BOX
4	SWITCH - H.O.A. (HAND-OFF-AUTO) SQUARE-D OR EQUAL
5	CIRCUIT BREAKER - 20 AMP., 1-POLE, 120V THERMO-MAGNETIC, SURFACE MTD., WESTINGHOUSE OR EQUAL - 600V RATED *
6	PHOTOCELL CONTROL WITH TWIST-LOCK RECEPTACLE FISHER-PIERCE OR EQUAL DOUBLE POLE - DOUBLE THROW W/2 - MIN. DELAY
7	LAMP - INCANDESCENT, 100W., IN PORCELAIN HOLDER, MTD. ON 4" BOX
8	RECEPTACLE - GROUND FAULT, 20 AMP., MTD. IN 4" BOX
9	PHOTOCELL TERMINAL BLOCK
10	CIRCUIT BREAKERS, 30 AMP., 1-POLE, 120V, THERMO-MAGNETIC SURFACE MTD., ITE OR EQUAL - 600V RATED 2 POLE FUSES WERE SPECIFIED *
11	NEUTRAL BUS - COPPER, 11/4" X 12" X 1/4" THICK, PAINTED WHITE
12	GROUND BUS - COPPER, 11/4" X 12" X 1/4" THICK, PAINTED GREEN

SCHEDULE OF DEVICES  
N.T.S.



LIGHTING CONTROLLER WIRING DIAGRAM  
CONTROLLER A  
N.T.S.



REVISIONS	
NAME	DATE

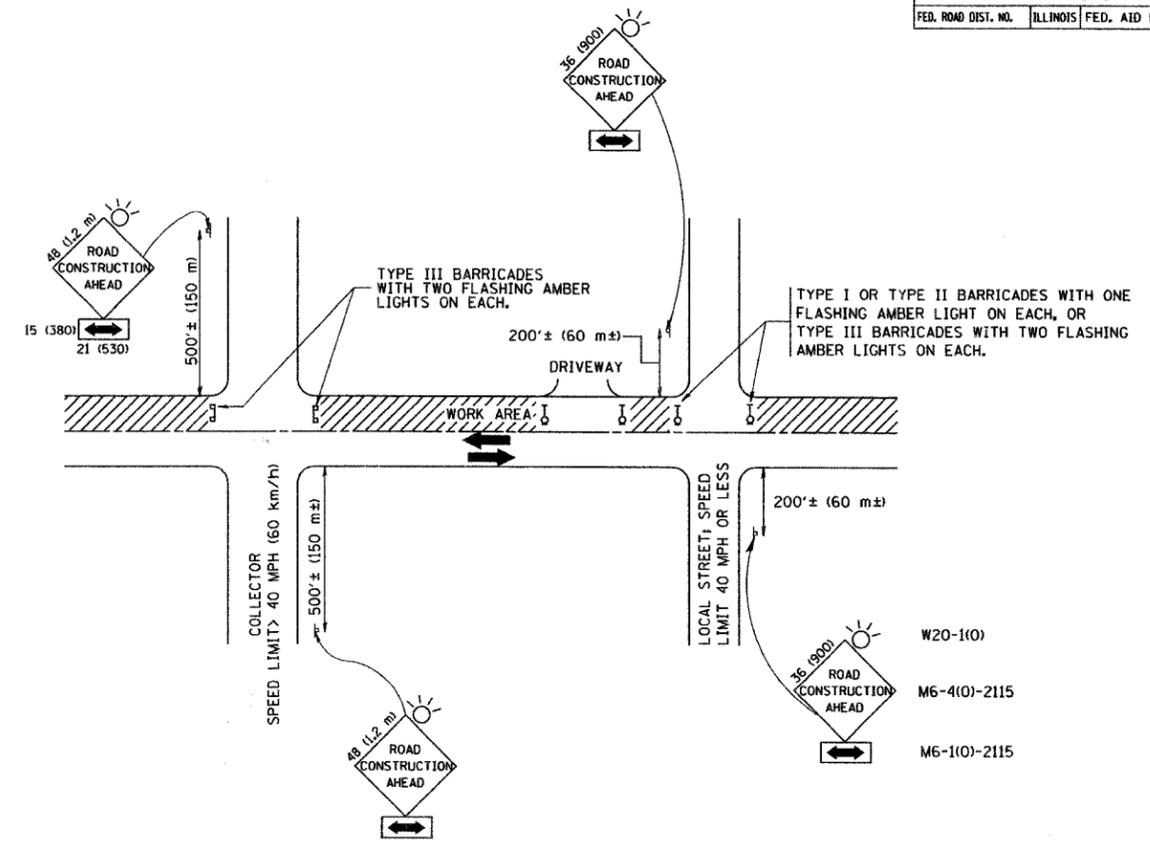
ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.U.  
YORK ROAD

LIGHTING DETAILS

SCALE: NTS  
DATE: 12/22/07

DRAWN BY: BCD  
CHECKED BY: JDM

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DUPAGE	39	16
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS**
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
    - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
    - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
  - WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:**
- USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
- C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.**
- D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.**

All dimensions are in millimeters (inches) unless otherwise shown.

REVISIONS	
NAME	DATE
LHA	6/89
T. RAMMACHER	09/08/94
J. OBERLE	10/18/95
A. HOUSEH	03/06/96
A. HOUSEH	10/15/96
T. RAMMACHER	01/06/00

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 TRAFFIC CONTROL AND PROTECTION  
 FOR  
 SIDE ROADS, INTERSECTIONS, AND  
 DRIVEWAYS

SCALE: NONE  
 DRAWN BY  
 CHECKED BY  
 TC-10

PLOT DATE = 3/6/2007  
 FILE NAME = K:\gis\atc\atc16.dgn  
 PLOT SCALE = 50,000 / 1 IN.  
 USER NAME = bward1

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	08-00169-00-LT	DuPAGE	39	17
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63027

# CITY CENTRE PLAZA

PROJECT NUMBER: 07056

ELMHURST, ILLINOIS

## CITY OF ELMHURST

### Construction Package

Issued for Bid

FEBRUARY 22, 2008

Prepared by:

**LAKOTA**  
THE LAKOTA GROUP INC

212 West Kinzie Street, 3rd Floor  
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#### Sheet Legend

- D-01 Demolition Plan
- L-01 Hardscape Plan
- L-02 Dimension Plan
- L-03 Landscape Plan
- L-04 Paving Details
- L-05 Wall/Sign Details
- L-06 Fountain Plan and Sections
- L-07 Misc. Details
- L-08 Site Furniture/General Details
- L-09 Landscape Details/Notes
- L-10 Fountain Details

07056 -- Elmhurst City Centre Plaza - Preliminary Construction Package

**Tree Preservation Legend**

-  EXISTING DECIDUOUS TREE TO BE SAVED - PROTECTED
-  EXISTING DECIDUOUS TREE TO BE REMOVED

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	18
STA. TO STA.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				

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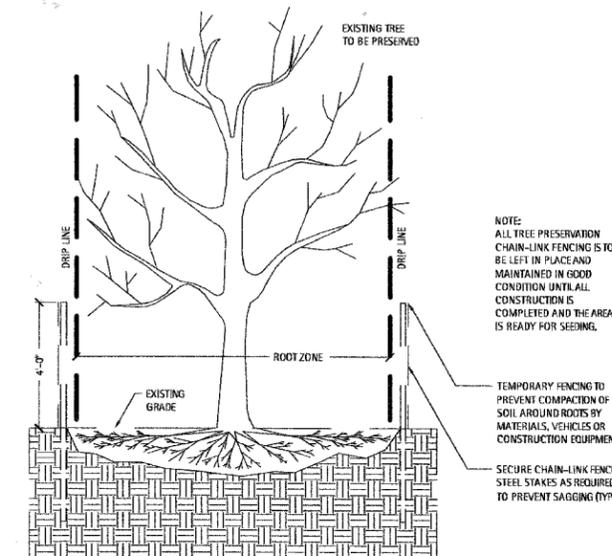
Planning  
Urban Design  
Landscape Architecture  
Community Relations

**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst

ISSUED FOR BID

TREE PRESERVATION SUMMARY	QTY
TOTAL EXISTING TREES ON SITE	11
TOTAL EXISTING TREES TO BE PRESERVED	4
TOTAL EXISTING TREES TO BE REMOVED	7



**Tree Removal Notes**

- All stumps to be ground to min. 12" below finished grade.
- No grinding or mulch to be reused anywhere on the project boundaries.
- Contractor will be responsible for properly protecting all pedestrian, vehicular and building areas from tree removal debris.
- Field verify all trees to be removed with Landscape Architect.

**Demolition Notes**

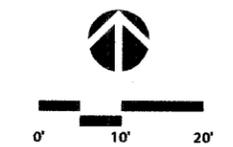
- Remove all debris and legally dispose of off site.
- Remove raised planters including any footings, foundations and/or topsoil.
- Remove concrete banding and banding base/sub-base courses.
- All signs to be removed shall be salvaged and stored in the owner's facility for future use as applicable.
- Contractor shall keep all city streets free and clear of construction relate dirt/dust/debris.
- All sawcutting shall be full depth to provide a clean edge to match new construction. match existing elevations at points of connection for new and existing pavement, curb, sidewalks, etc.
- All sawcut locations shown are approximate and may be field adjusted to accommodate conditions, joints, material type, etc. remove minimum amount necessary for installation of proposed improvements.
- Contractor shall provide traffic flagger as necessary during demolition and construction operations on or near the public roadway.
- All light poles to be removed shall be removed in their entirety, including base and all appurtenances. coordinate abandonment of electrical lines with electrical engineer and owner prior to demolition.
- Within project limits remove or abandon existing utility services as necessary to facilitate new work. coordinate with local authorities and utility companies having jurisdiction.
- All utilities to remain outside of project limits.
- Coordinate with surrounding owners to remove any existing moveable planters/seating dividers.



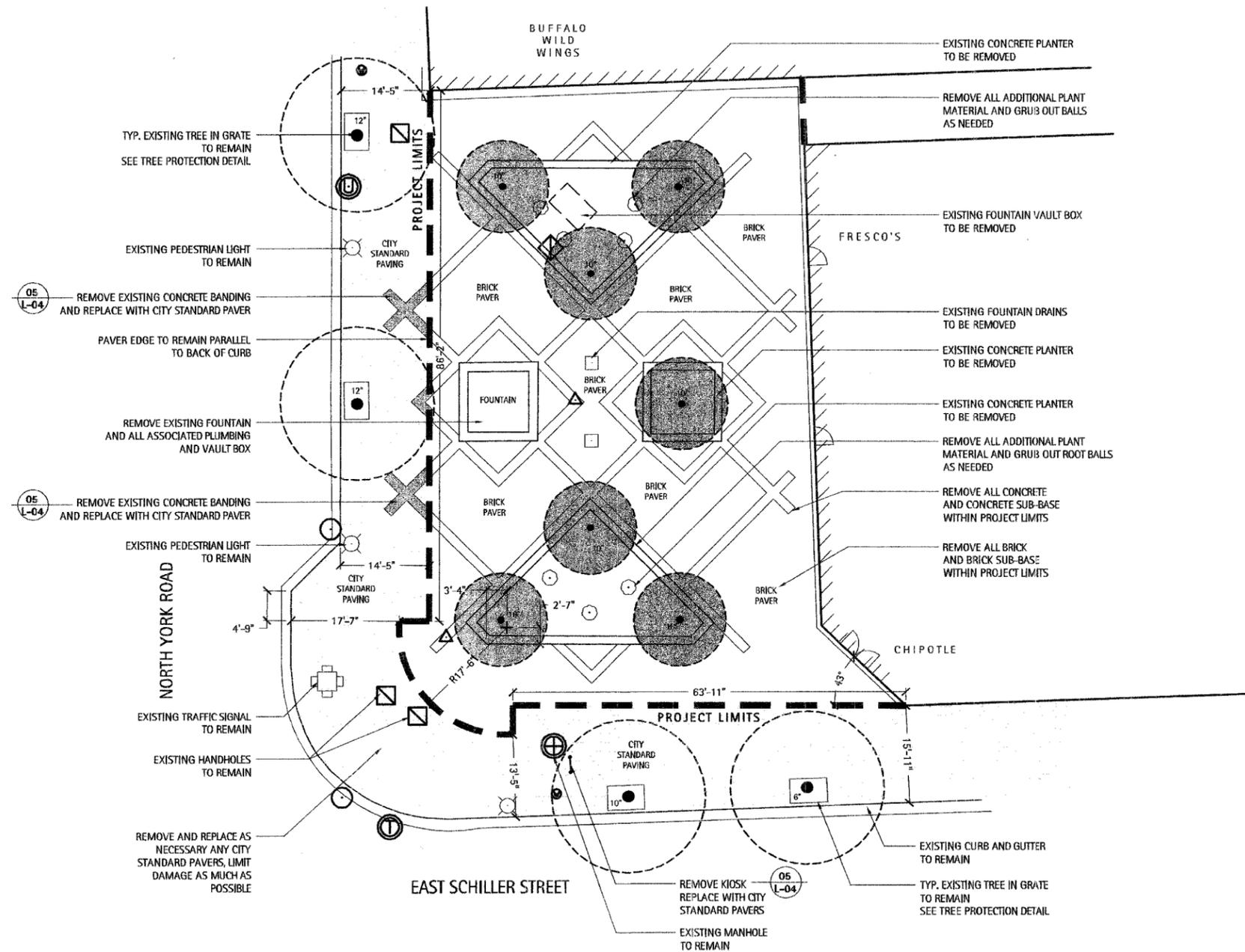
**DEMOLITION PLAN**

Revisions  
Issued for Bid 02/22/08

Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME



**D-01**



**1 Demolition Plan**  
Scale: 1"=10'

NOTES :  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY OWNER/LANDSCAPE ARCHITECT/ENGINEER WITH ANY DISCREPANCIES PRIOR TO COMMENCEMENT.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	08-00168-00-LT	DuPAGE	39	19
STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				

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Planning  
Urban Design  
Landscape Architecture  
Community Relations

**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst

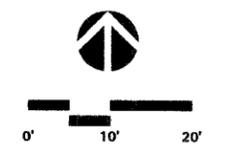
ISSUED FOR BID



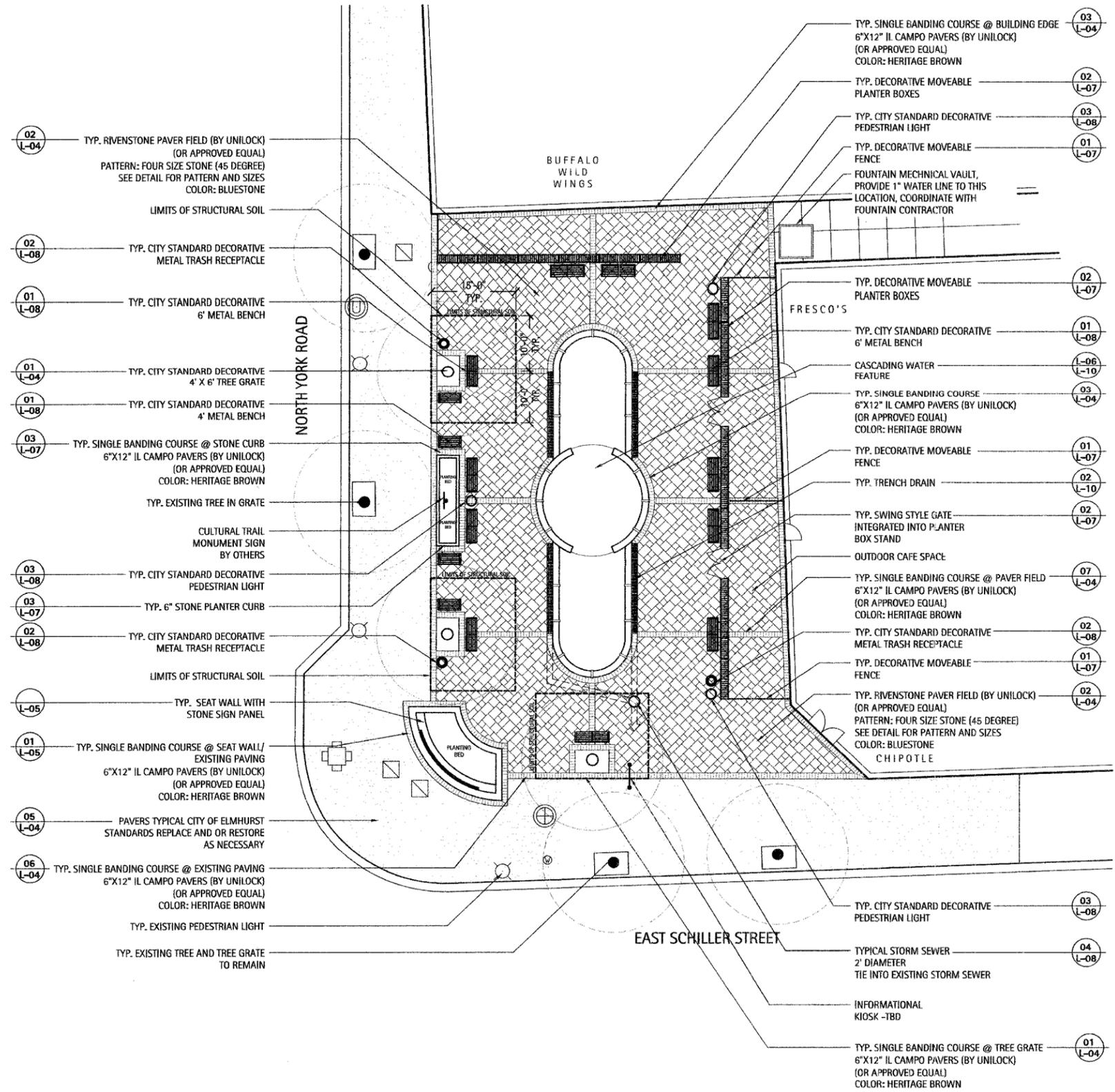
**HARDSCAPE PLAN**

Revisions	Issued for Bid	Date
		02/22/08

Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME



**L-01**



**1 Site Plan**  
Scale: 1"=10'

NOTES :  
ALL SPECIFIED MATERIALS ARE SUBJECT TO SUBSTITUTION BY AN APPROVED EQUAL AT THE DISCRETION OF THE LANDSCAPE ARCHITECT OR CITY.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	20
STA. TO STA.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				

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**CITY CENTRE  
PLAZA**  
Elmhurst, Illinois

City of Elmhurst

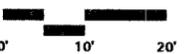
ISSUED FOR BID



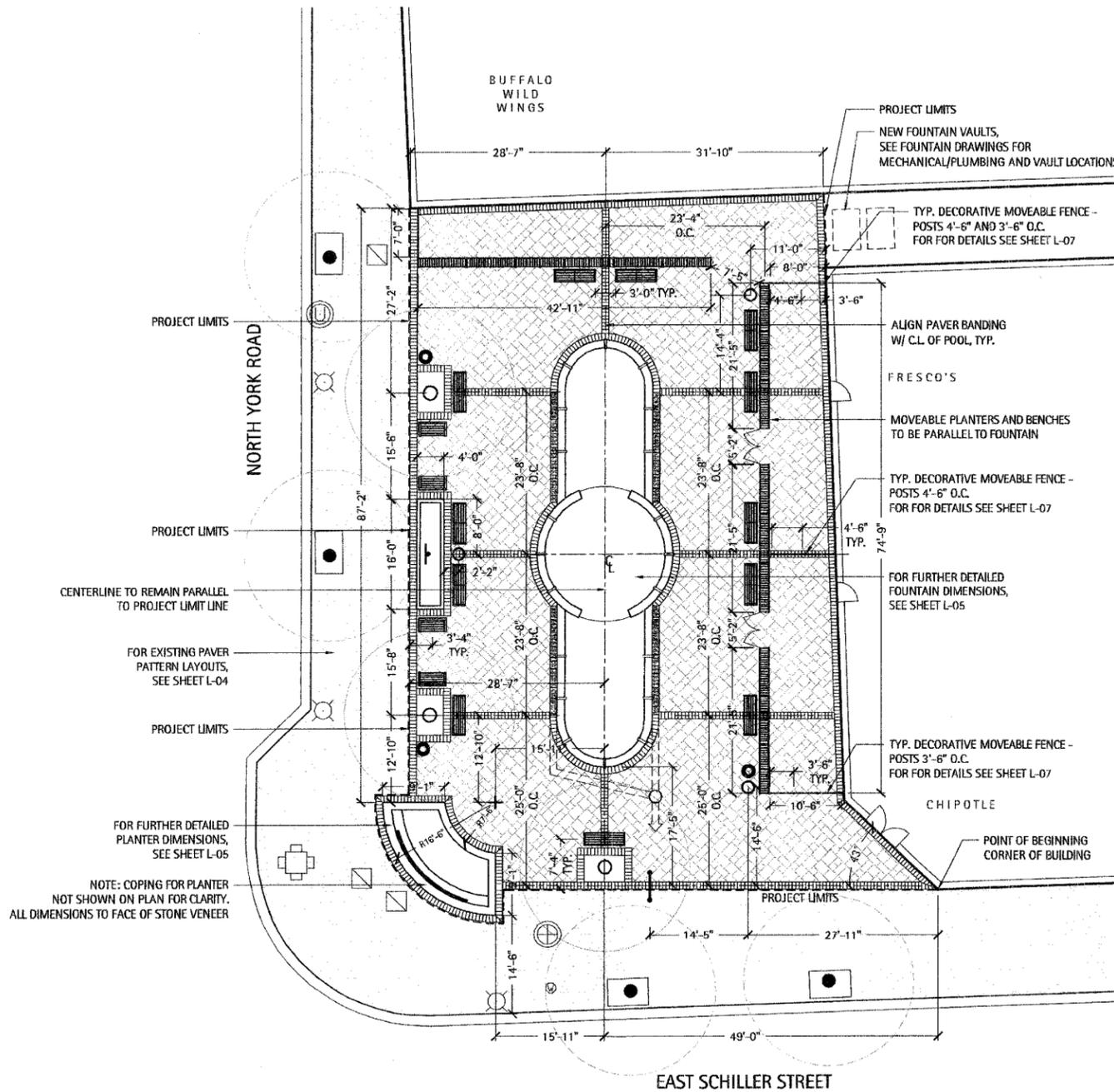
**DIMENSION  
PLAN**

Revisions  
Issued for Bid 02/22/08

Date: 02/22/08  
Drawn By: MR. DS  
Checked By: ME



**L-02**



**1 Dimension Plan**  
Scale: 1"=10'

**NOTES :**

- 1.) CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, REFERENCE POINTS, AND FIELD CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY OWNER/LANDSCAPE ARCHITECT/ENGINEER WITH ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORK.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	21
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				

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Planning  
Urban Design  
Landscape Architecture  
Community Relations

**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst

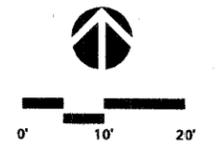
ISSUED FOR BID



**LANDSCAPE PLAN**

Revisions	Date
Issued for Bid	02/22/08

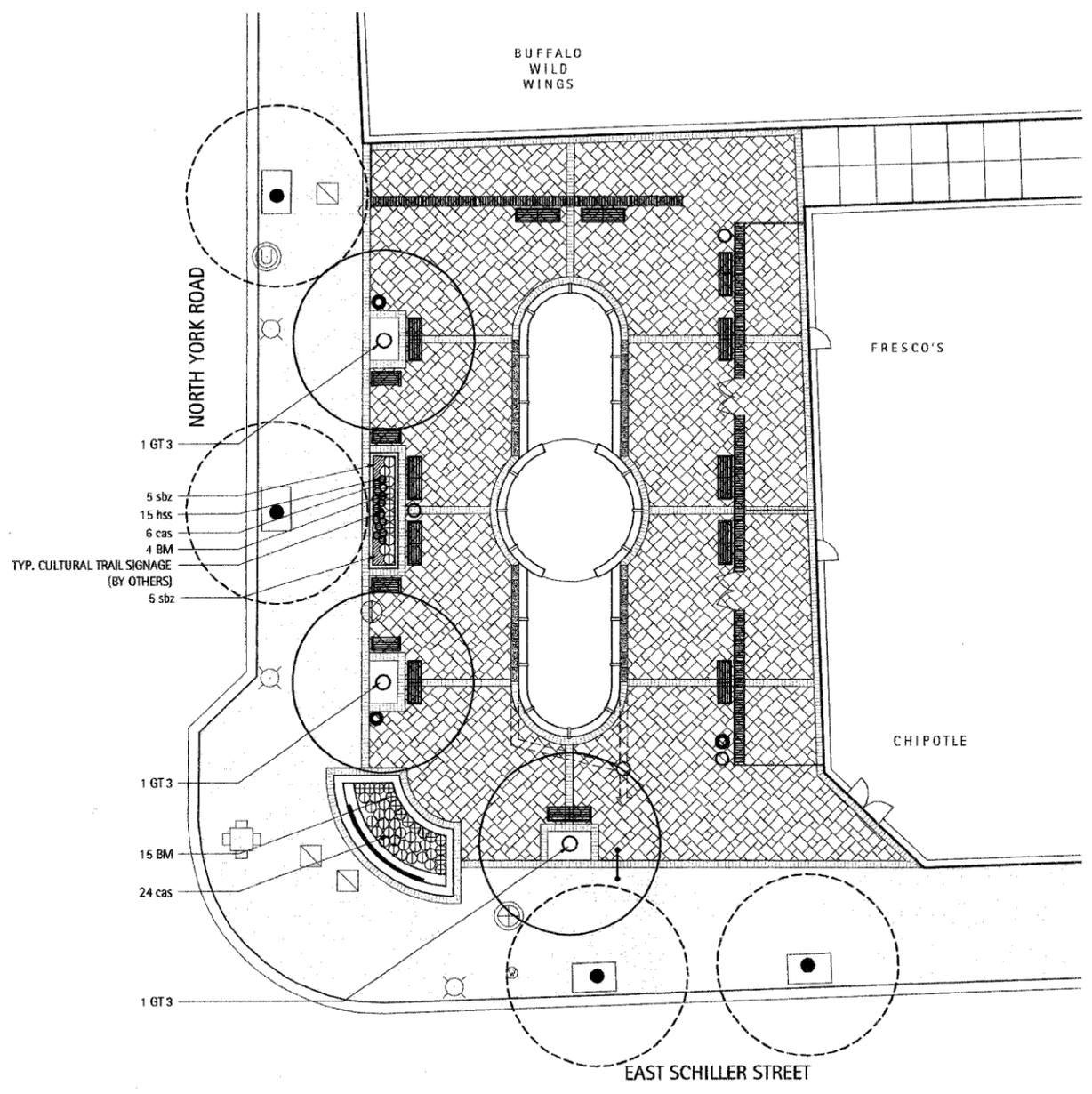
Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME



**L-03**

**OVERALL PLANT LIST**

Symbol	Qty	Botanic Name	Common Name	Size	Additional Notes
<b>DECIDUOUS SHADE TREES</b>					
GT 3	3	Gleditsia triacanthos inermis 'Skyline'	Skyline Thornless Honeylocust	3" caliper	
<b>EVERGREEN SHRUBS</b>					
BM	19	Buxus microphyla 'Wintergreen'	Wintergreen Boxwood	15-18" ht.	
<b>PERENNIALS, ORNAMENTAL GRASSES</b>					
cas	30	Calamagrostis acutifolia 'Stricta'	Feather Reed Grass	1 gal.	Spaced 24" O.C.
hss	15	Heuchera sanguinea 'Splendens'	Red Coral Bells	1 gal.	Spaced 18" O.C.
sbz	10	Stachys byzantina	Lamb's Ear	1 gal.	Spaced 18" O.C.



**1 Landscape Plan**  
Scale: 1"=10'

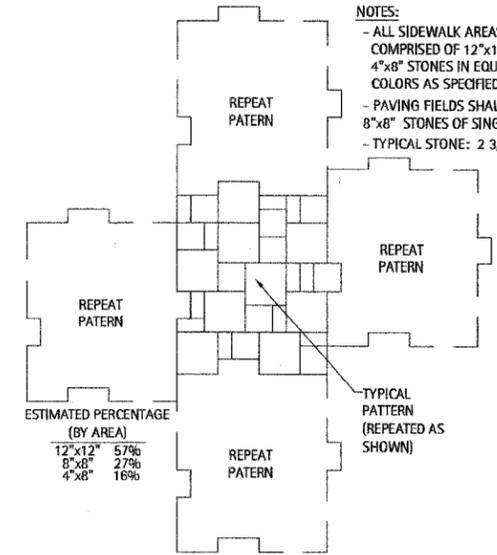
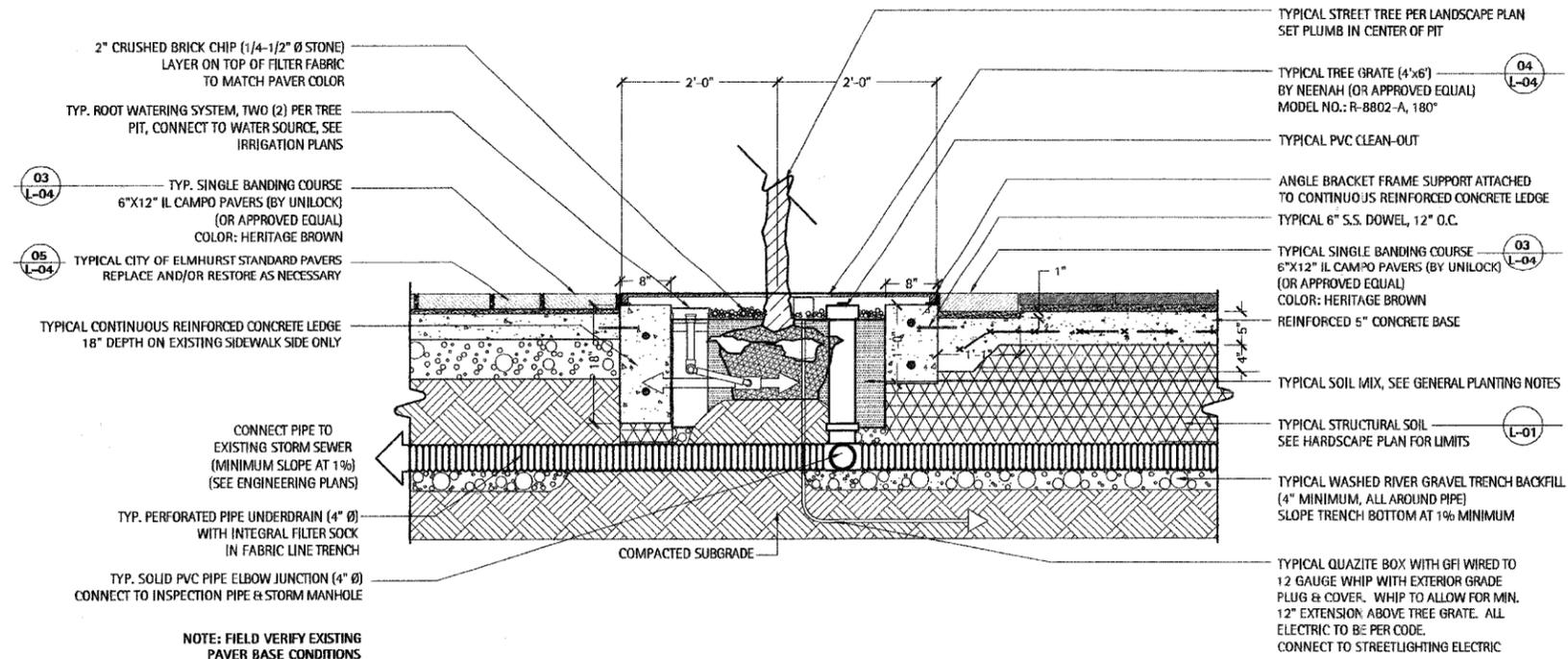
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	22
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
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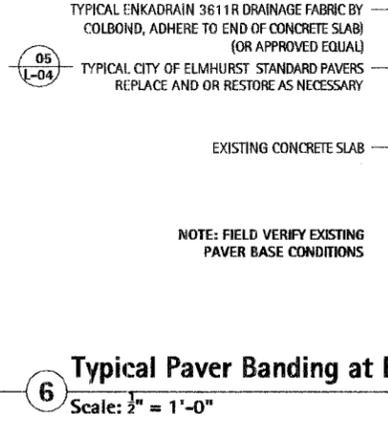
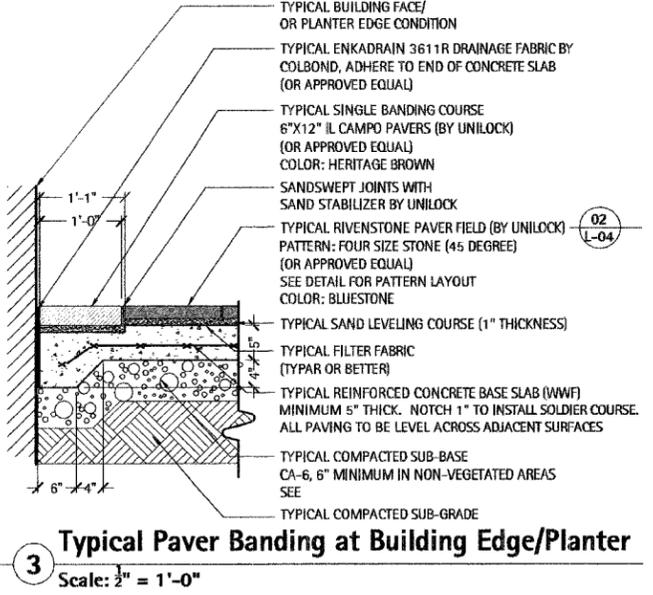
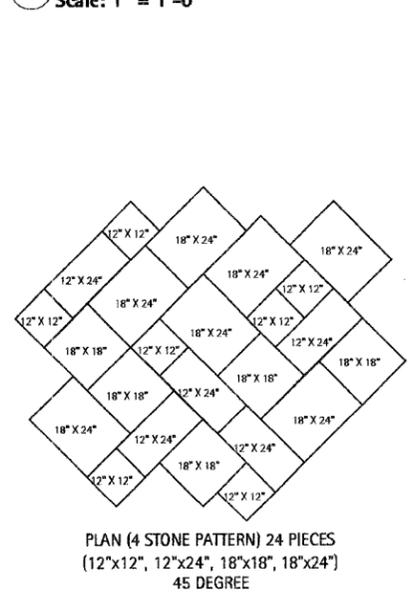
**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst



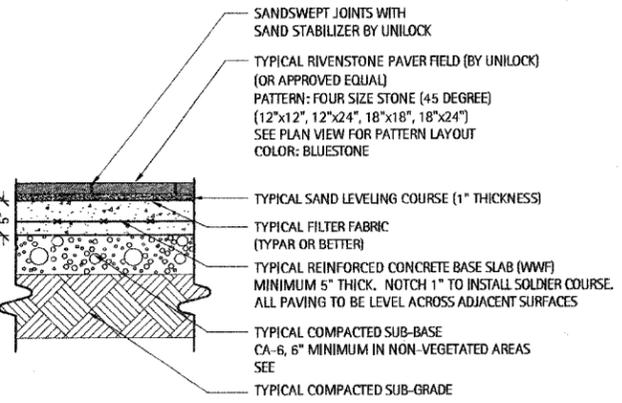
**1 Typical Tree Grate Section Detail**  
Scale: 1" = 1'-0"

**5 Existing Paving Pattern Detail**  
Scale: 1/2" = 1'-0"

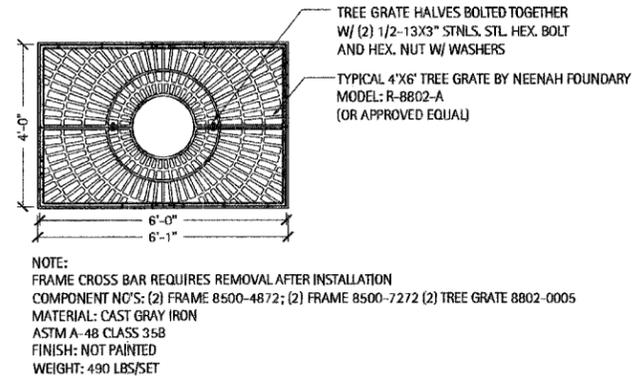


**3 Typical Paver Banding at Building Edge/Planter**  
Scale: 1/2" = 1'-0"

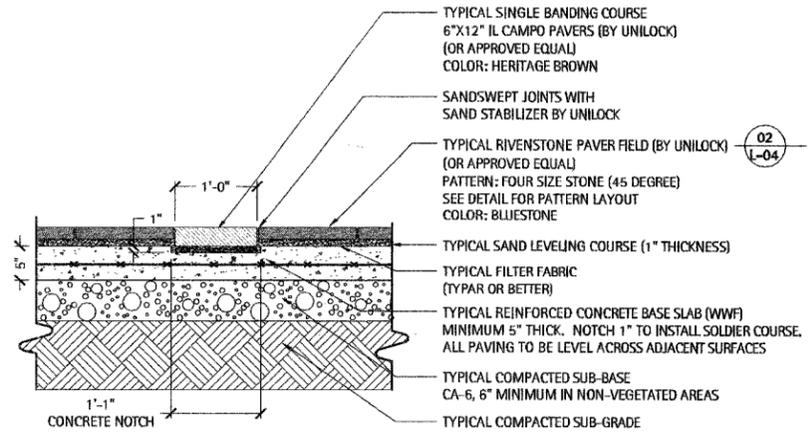
**6 Typical Paver Banding at Existing Paver Edge Section Detail**  
Scale: 1/2" = 1'-0"



**2 Typical Rivenstone Paver Field**  
Scale: 1/2" = 1'-0"



**4 Typical Tree Grate Detail**  
Scale: 1/2" = 1'-0"



**7 Typical Paver Banding at Paver Field**  
Scale: 1/2" = 1'-0"

ISSUED FOR BID



**PAVING DETAILS**

Revisions	Issued for Bid	02/22/08
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Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME

**L-04**



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	24
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT NO. 63027				

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**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst

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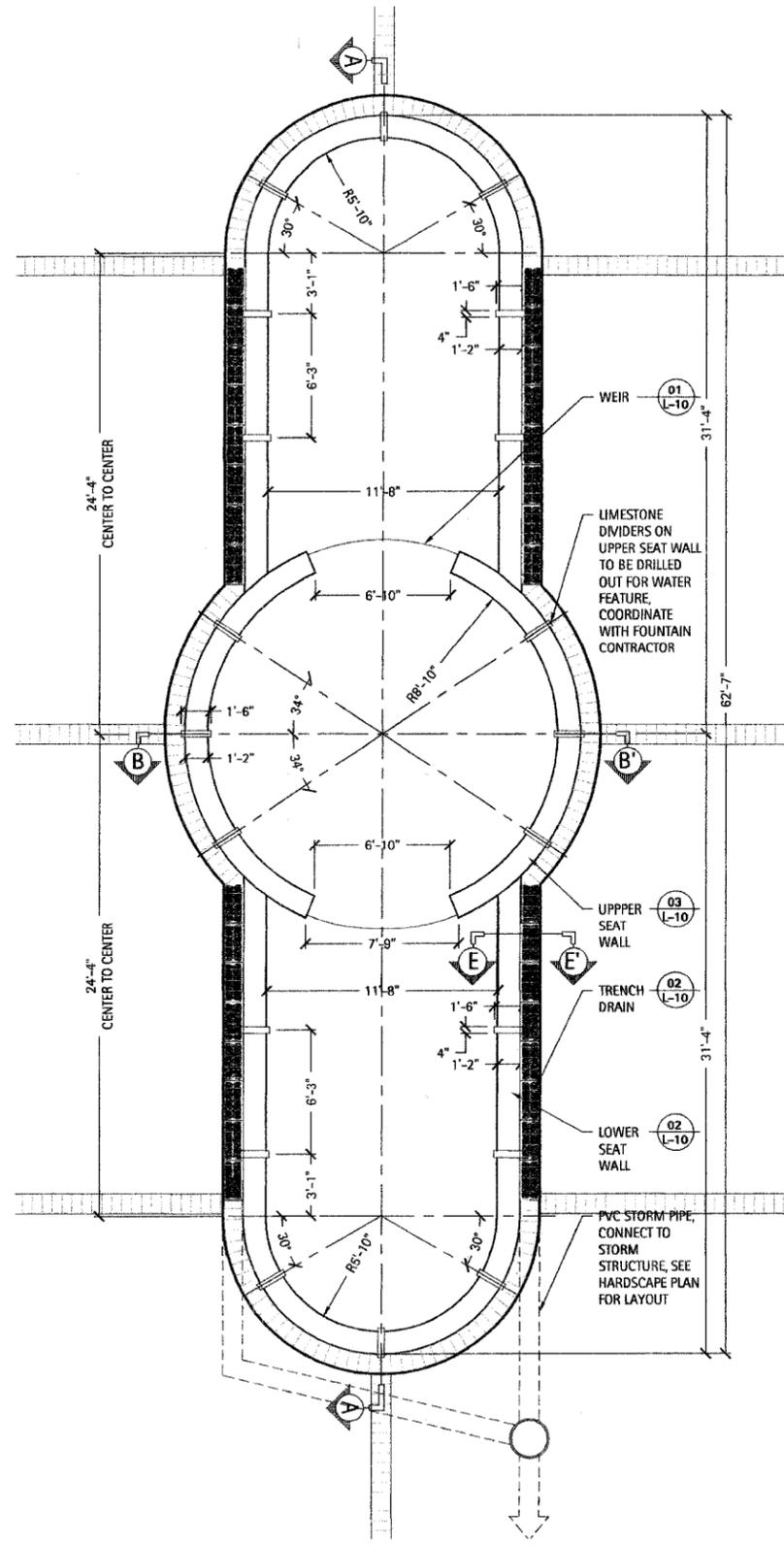


**FOUNTAIN PLAN & SECTIONS**

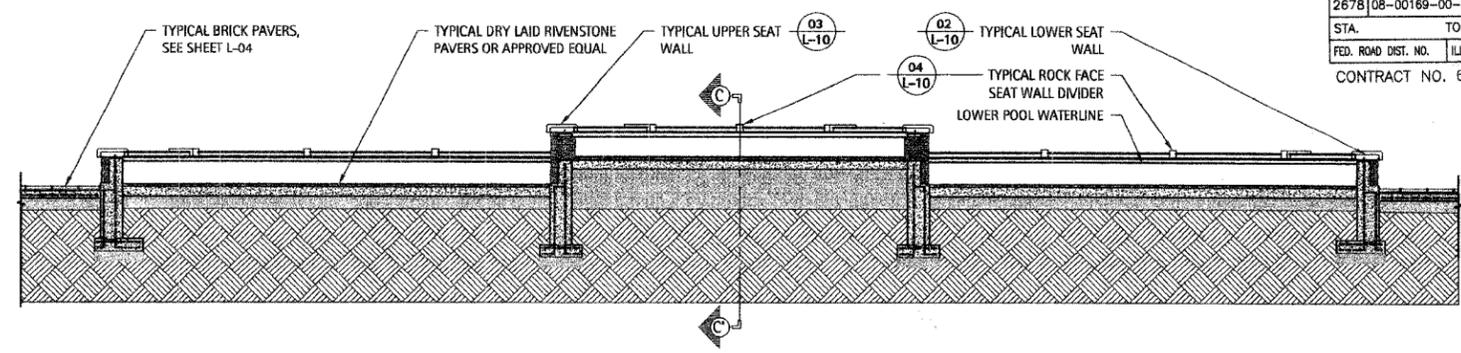
Revisions	
Issued for Bid	02/22/08
Date:	02/22/08
Drawn By:	MR, JS
Checked By:	ME



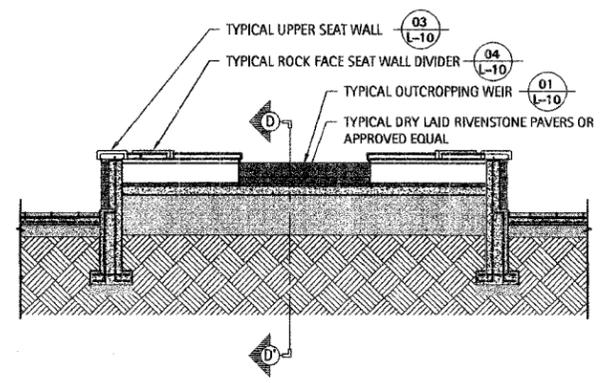
**L-06**



**1 Fountain Plan**  
Scale: 1/4" = 1'-0"



**2 Fountain Section A-A'**  
Scale: 1/4" = 1'-0"



**3 Fountain Section B-B'**  
Scale: 1/4" = 1'-0"

- NOTES:
- 1.) COORDINATE ALL WORK WITH FOUNTAIN CONTRACTOR
  - 2.) TOP OF WALLS TO ALWAYS REMAIN LEVEL
  - 3.) BOTTOM OF FOUNTAIN TO PITCH TOWARDS FOUNTAIN DRAIN. INSTALL ONE DRAIN IN EACH LOWER WALL SECTION
  - 4.) WEIR TO INCLUDE WATER MAKE-UP SPOUT INSTALLED BY FOUNTAIN CONTRACTOR
  - 5.) SEE CIVIL PLANS FOR TOP/BOTTOM OF WALL, FINISHED GRADES AROUND FOUNTAIN, INVERT ELEVATIONS FOR TRENCH DRAINS AND STORM SEWER ELEVATIONS

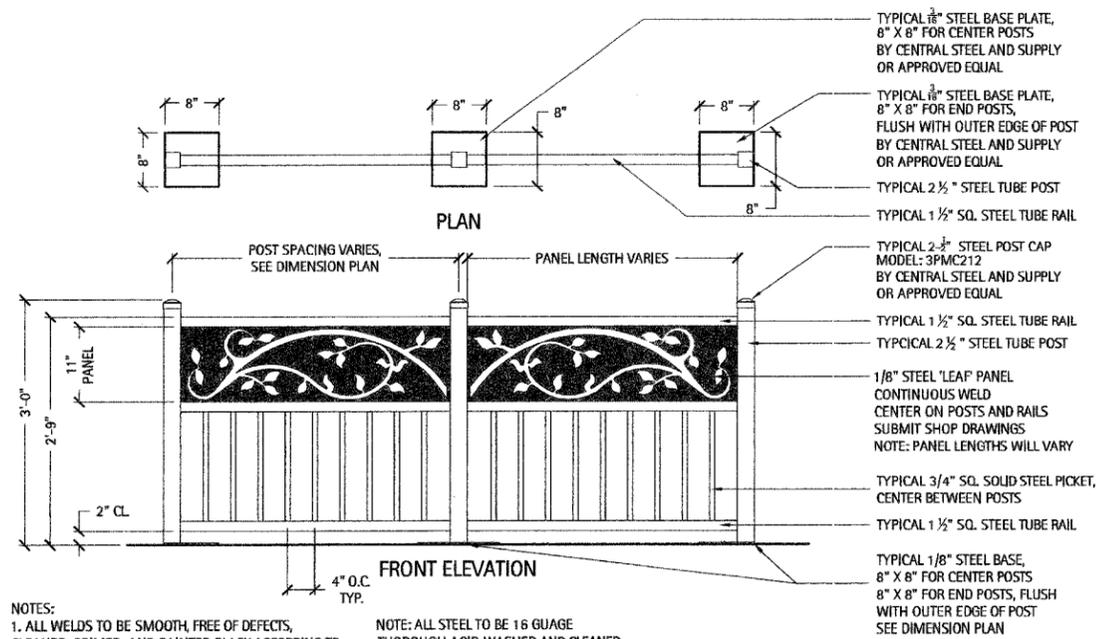
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	25
STA. TO STA.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 63027				

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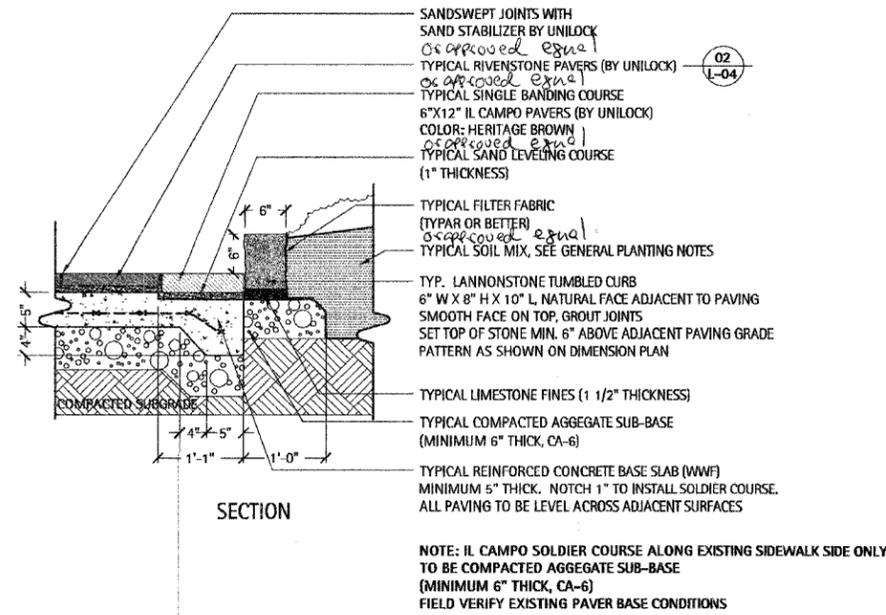
**CITY CENTRE  
PLAZA**  
Elmhurst, Illinois

City of Elmhurst



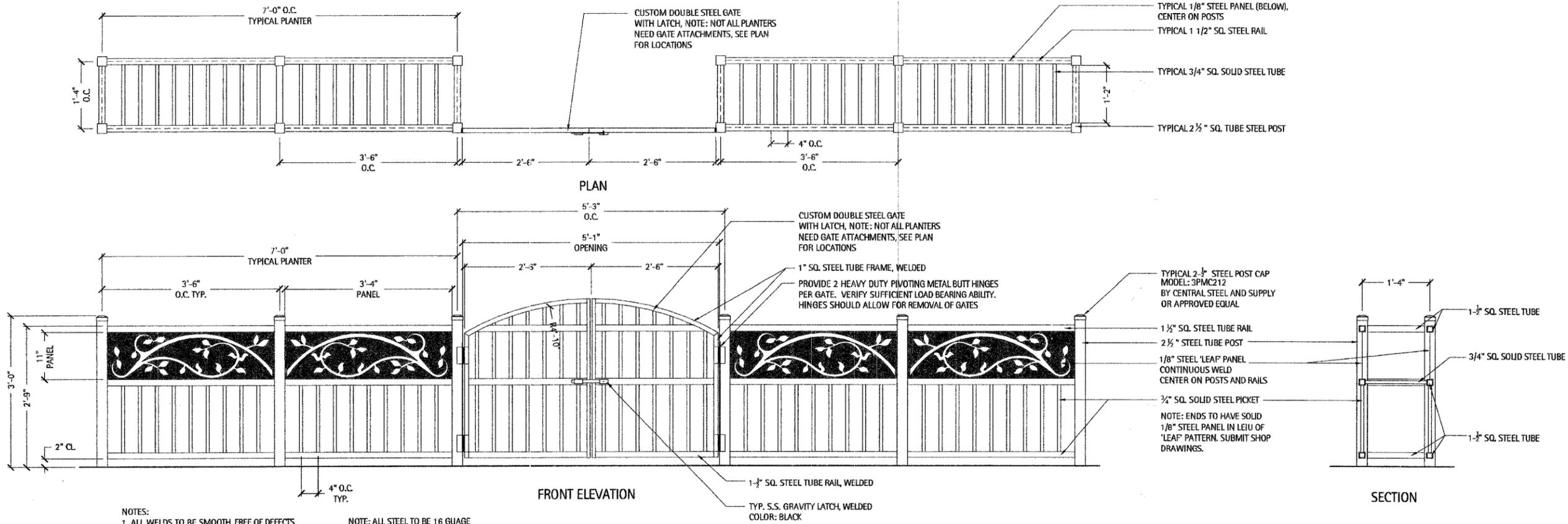
- NOTES:**
1. ALL WELDS TO BE SMOOTH, FREE OF DEFECTS, CLEANED, PRIMED, AND PAINTED BLACK ACCORDING TO SPECIFICATIONS.
  2. ALL WELDS SHALL BE MADE BY A CERTIFIED WELDER.
  3. SUBMIT SHOP DRAWINGS FOR FENCES AND PLANTERS.

NOTE: ALL STEEL TO BE 16 GAUGE THOROUGH ACID WASHED AND CLEANED AND PRIMED WITH MIN. TWO COATS EXTERIOR GRADE RUSTIC INHIBITOR PRIMER. FIELD PRIME/PAINT BLACK PER APPROVED COLOR SAMPLE.



**3 Typical Stone Curbed Planter @ Paver Field Detail**  
Scale: 1" = 1'-0"

**1 Typical Decorative Metal Fence Detail**  
Scale: 1" = 1'-0"



- NOTES:**
1. ALL WELDS TO BE SMOOTH, FREE OF DEFECTS, CLEANED, PRIMED, AND PAINTED BLACK ACCORDING TO SPECIFICATIONS.
  2. ALL WELDS SHALL BE MADE BY A CERTIFIED WELDER.
  3. SUBMIT SHOP DRAWINGS FOR ALL PLANTERS AND FENCES.

NOTE: ALL STEEL TO BE 16 GAUGE THOROUGH ACID WASHED AND CLEANED AND PRIMED WITH MIN. TWO COATS EXTERIOR GRADE RUSTIC INHIBITOR PRIMER. FIELD PRIME/PAINT BLACK PER APPROVED COLOR SAMPLE.

**2 Movable Planter Box Stand With Removable Gate Detail**  
Scale: 1" = 1'-0"

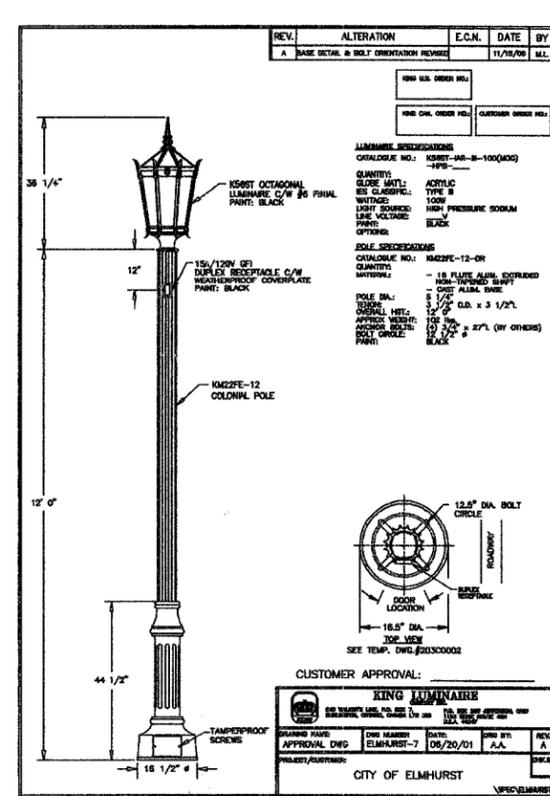
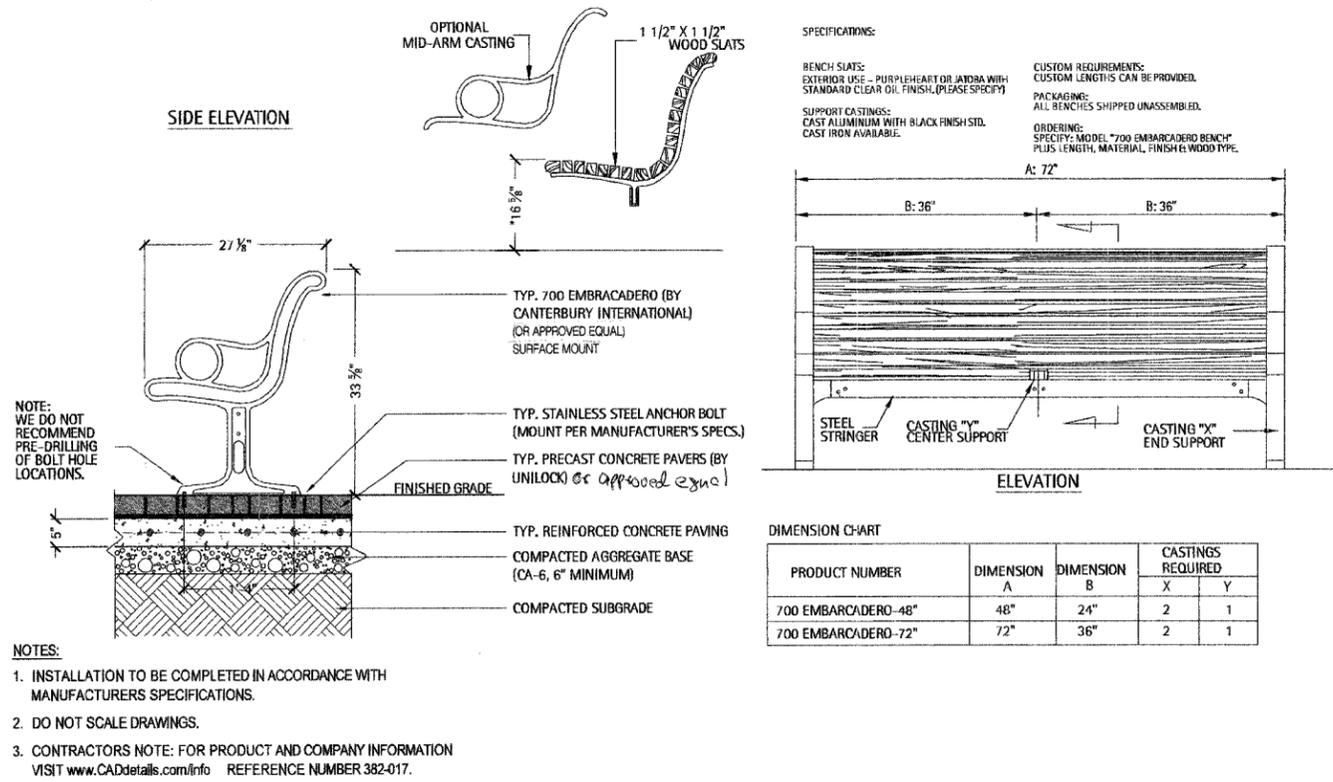
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**MISCELLANEOUS  
DETAILS**

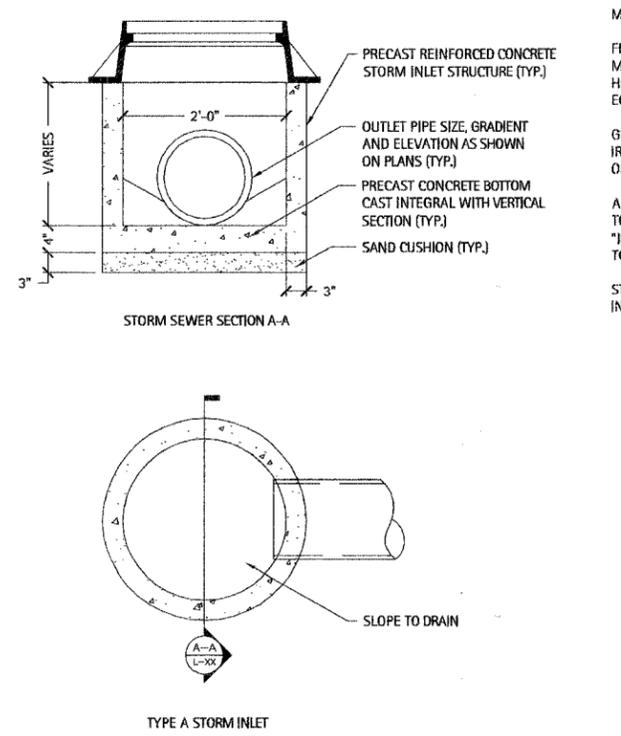
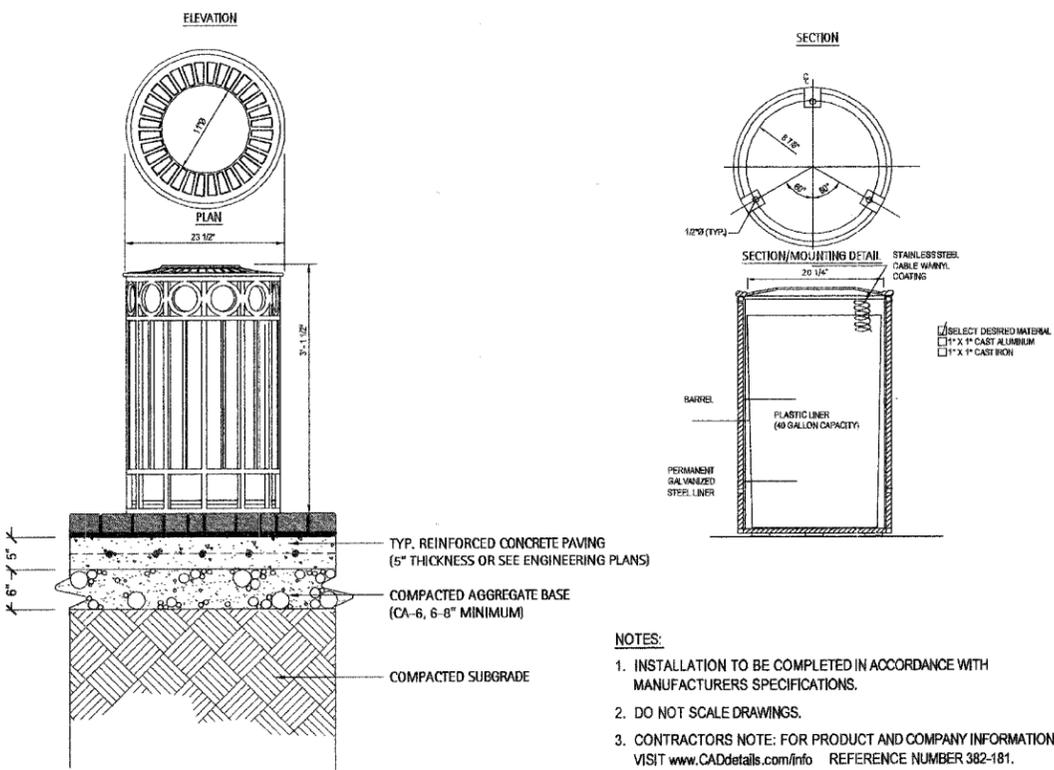
Revisions	Issued for Bid	Date
		02/22/08

Date: 02/22/08  
Drawn By: MR. DS  
Checked By: ME



**1 City Standard Bench**  
Scale: NTS

**3 City Standard Light**  
Scale: NTS



**2 City Standard Trash Receptacle**  
Scale: NTS

**4 Typical Storm Sewer**  
Scale: NTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	26

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**SITE FURNITURE/ GENERAL DETAILS**

**Revisions**  
Issued for Bid 02/22/08

Date:	02/22/08
Drawn By:	MR. DS
Checked By:	ME

**L-08**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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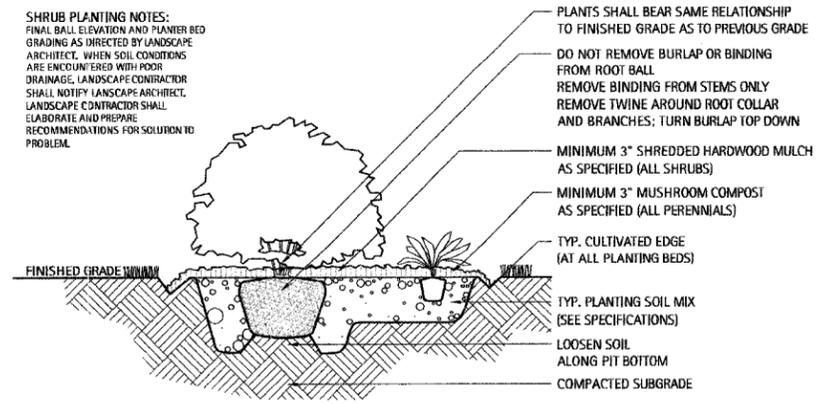
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**CITY CENTRE PLAZA**  
Elmhurst, Illinois

City of Elmhurst



**1 Typical Shrub Planting Detail**  
Scale: NTS

**GENERAL NOTES**

- Landscape Contractor shall verify all utility locations (existing and proposed) along with existing conditions and grades (existing and proposed), and note any discrepancies to owner, Engineer, and Landscape Architect immediately, before proceeding with any work.
- Base information for these plans was taken from Engineer's site survey, geometric, and grading plans. Contractor shall verify all dimensions and locations of existing and proposed features, and familiarize themselves with any obstacles encumbering the installation of this project.
- Any existing tree surveys or locations for these plans were prepared by the Engineer or a certified arborist. See plans for information.
- All soil/underground conditions shall be referred to soil testing reports prepared by the owner's consultant.
- Any archeological information relevant to these plans shall be referred to archeological survey and reports (if appropriate to job site) by the owner's consultant.

- All surface drainage shall be diverted away from structures and noted site features in all areas as shown on the Civil Engineer's grading plans. Surface drainage shall be diverted to existing or proposed basin structures or inlets as directed by the grading plans. Any site underdrainage as shown in the landscape drawings shall be provided at Landscape Architect's direction. Where poor subsurface drainage conditions occur in the field, Contractor shall notify Landscape Architect immediately and make recommendations for solutions to drainage issues before proceeding with work.
- Where possible, and at Engineer's approval and per code, all underdrainage shall be tied into existing or proposed storm structures.
- Landscape accent lighting as shown on these plans is for general location and intent only. The specified fixture and wattage shall be provided and installed on the desired feature at Landscape Architect's direction. Contractor shall field stake all accent lighting locations and obtain Landscape Architect's approval before final installation. Please refer to electrical plans for conduit or low-voltage cable routing and power-source (timer, transformers, switch boxes, etc.).

**GENERAL PLANTING NOTES**

**GENERAL CONDITIONS**

- Contractor shall familiarize themselves with all landscape specifications prior to commencement of work. Any questions or concerns shall be directed to Project Engineer or Landscape Architect in writing prior to landscape work commencement.
- All project limits shall be fenced with temporary plastic fencing at 48" height, staked at 4' on center, and clearly signed for construction activities. All existing, protected vegetation shall be fenced at a minimum of the plants drip line or as approved by Landscape Architect.
- The Landscape Contractor shall keep all areas clean and orderly at all times.
- The Landscape Contractor shall keep all roadways and walkways clear of mud and debris that result from landscape operations.

**SITE GRADING & BERMING**

- Berming shall occur along all noted landscape areas to the designed berming heights shown on the plans. All grading, drainage, and utilities shall be evaluated in the field for conflict points with designed berming. Landscape Architect and Project Engineer shall review and approve prior to finished grading. Finished shape and contouring shall be at Landscape Architect's direction.
- All grading and drainage shall be properly pitched to existing or proposed drainage swales and structures. Landscape Architect and Project Engineer shall field verify and approve.
- All stone work to be approved by Landscape Architect in field. All stone color samples shall be approved by Landscape Architect prior to ordering.

**SOIL & PLANTING MIX**

- All soil planting mix for backfill or beds, whether from on-site stockpile or new imported soil, shall be tested for approved specified pH levels and nutrient content. Submit testing agency with laboratory report to project Landscape Architect for approval, along with recommendations to amending soil as appropriate for use in planting.
- Topsoil shall be clean, pulverized soil from an acceptable source. Topsoil shall be free of debris, stones, and other material not more than one inch (1") diameter in size. Contractor shall provide the Landscape Architect with receipt of soil source and soil test results from a qualified lab upon request.
- It is anticipated that all planting areas, including lawn, shall be thoroughly tilled to a minimum of 12-18" depth. All on-site topsoil shall be amended and reused as approved, or removed off-site and disposed of properly. New planting soil mix shall be PM-35 soil mix by Midwest Trading, St. Charles, Illinois.
- Clean topsoil mix should have a tested and approved pH of 6.0 - 7.0
- All planting beds shall be thoroughly tilled and amended with topsoil/compost mix to a minimum of 12" depth.
- The Landscape Contractor shall prepare planting beds by adding PM-35 soil mix manufactured by Midwest Trading, St. Charles, Illinois.
- All excess materials and spoils resulting from the landscape work shall be legally disposed of off-site by the Landscape Contractor.

**PLANTING STANDARDS**

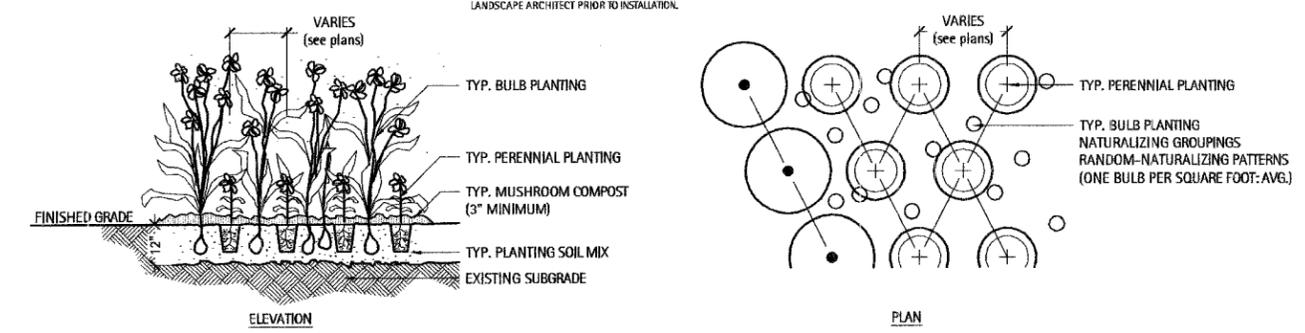
- All plant material shall be top-quality grade, free of defects, and meet accepted horticultural standards established by the American Nurserymen's Association (AAN) and as deemed appropriate by Landscape Architect. Landscape Architect shall have the right to reject any, and all, plant material delivered to the site that does not meet acceptable standards.
- Sizes shown on plant schedule are minimum acceptable sizes.
- All plants to be balled-in-burlap or container-grown as specified in plant schedule. All plastic root wrapping material and metal wire baskets shall be removed.
- All new and transplanted plants to be sprayed with an antidesiccant within twenty-four (24) hours after planting. Antitranspirant shall be "Wiltpruf" or an approved equal.
- Landscape Architect shall field verify and approve all final staked tree, shrub, and perennial bed locations prior to installation.
- The Landscape Contractor shall repair to its original condition any plant material which becomes damaged as a result of landscape operations.
- All perennials shall be planted at least two (2) feet from the tree trunks planted within planting areas.
- Landscape Architect shall approve all plant materials for quality, condition and specified sizes. Plant material shall be approved at nursery location, during tagging or before removal and transport to job site. Shrubs, perennials and groundcovers shall be approved at job site prior to installation.

**FERTILIZER & MULCHING**

- Prior to mulching tree and shrub planting areas, apply time-release fertilizer by broadcasting over entire planting areas. Rate is to manufacturer's recommendations. Fertilizer is to have no less than 10% available phosphoric acid, and 3-8% total nitrogen soluble potash.
- All plantings shall receive a slow-release fertilizer with a ratio of 10/10/10.
- All trees and shrub beds shall receive a minimum of 3" thick shredded hardwood mulch top-dressing.
- All perennials and groundcover beds shall be top-dressed with two inches (2") minimum of mushroom compost.
- All plants shall be thoroughly watered in at time of planting and watered and maintained throughout construction until final acceptance by owner. Contractor shall water all plants immediately after planting. Flood plants twice during the first twenty-four (24) hours after planting.
- Landscape Contractor shall warranty all trees, shrubs, perennials, and ornamental grasses under this contract will be healthy and in flourishing condition of active growth one year from date of final acceptance.
- All newly sodded or seeded areas shall be maintained, watered, and mowed throughout their growing seasons during construction and until final acceptance by owner.

**PERENNIAL/GROUNDCOVER PLANTING NOTES:**  
FINAL BALL ELEVATION AND PLANTER BED GRADING AS DIRECTED BY LANDSCAPE ARCHITECT. WHEN SOIL CONDITIONS ARE ENCOUNTERED WITH POOR DRAINAGE, LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT. LANDSCAPE CONTRACTOR SHALL ELABORATE AND PREPARE RECOMMENDATIONS FOR SOLUTION TO PROBLEM.

PERENNIAL PLANTING LAYOUTS TO BE APPROVED IN THE FIELD BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.



**2 Typical Groundcover & Perennial Planting Detail**  
Scale: NTS

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**PLANTING DETAILS/NOTES**

Revisions	
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Date:	02/22/08
Drawn By:	MIR_DS
Checked By:	ME



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	29
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63027

# ELMHURST POLICE PLAZA

PROJECT NUMBER: 07057

ELMHURST, ILLINOIS

## CITY OF ELMHURST

### Construction Package

Issued for Bid

FEBRUARY 22, 2008

Prepared by:

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#### Sheet Legend

- D-01 Demolition Plan
- L-01 Hardscape Plan
- L-02 Dimension Plan
- L-03 Landscape Plan
- L-04 Planter/Seatwall Details
- L-05 Hardscape Details
- L-06 Hardscape Details
- L-07 Site Furniture/General Details
- L-08 Planting Details
- L-09 Planting Notes

07056 -- Elmhurst Police Plaza - Preliminary Construction Package

**Tree Preservation Legend**

-  EXISTING DECIDUOUS TREE TO BE SAVED - PROTECTED
-  EXISTING DECIDUOUS TREE TO BE REMOVED

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
267B	08-00169-00-LT	DuPAGE	39	30
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CONTRACT NO. 63027				

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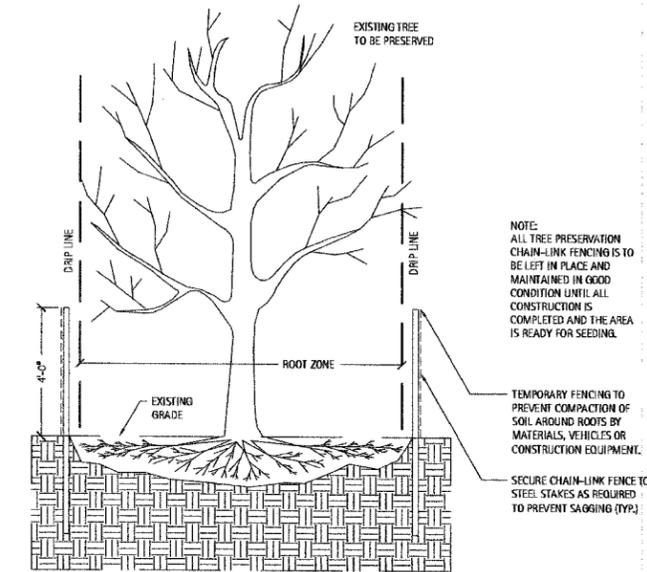
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Elmhurst, Illinois

**City of Elmhurst**

TREE PRESERVATION SUMMARY	QTY
TOTAL EXISTING TREES ON SITE (INSIDE PROJECT LIMITS)	12
TOTAL EXISTING TREES TO BE PRESERVED	5
TOTAL EXISTING TREES TO BE REMOVED	7



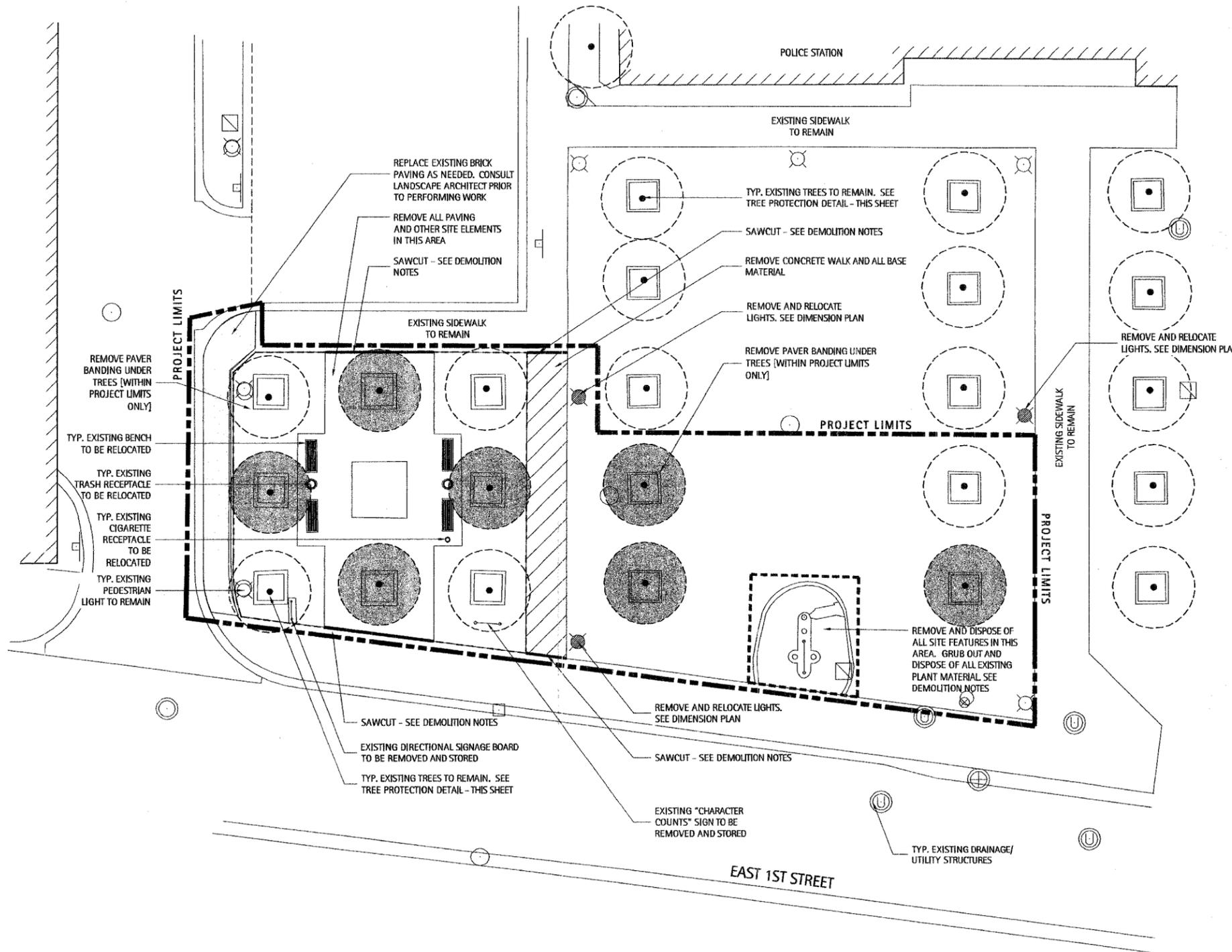
**Tree Protection Detail**  
N.T.S.

**Tree Removal Notes**

- All stumps to be ground to min. 12" below finished grade.
- No grinding or mulch to be reused anywhere within the project boundaries.
- Contractor will be responsible for properly protecting all pedestrian, vehicular and building areas from tree removal debris.
- Field verify all trees to be removed with Landscape architect.

**Demolition Notes**

- Remove all debris and legally dispose of off site.
- Remove raised planters including any footings, foundations and/or topsoil.
- All signs to be removed shall be salvaged and stored in the owner's facility for future use as applicable.
- Contractor shall keep all city streets free and clear of construction related dirt/dust/debris.
- All sawcutting shall be full depth to provide a clean edge to match new construction. match existing elevations at points of connection for new and existing pavement, curb, sidewalks, etc.
- All sawcut locations shown are approximate and may be field adjusted to accommodate conditions, joints, material type, etc. remove minimum amount necessary for installation of proposed improvements.
- Contractor shall provide traffic flagger as necessary during demolition and construction operations on or near the public roadway.
- All light poles to be removed shall be removed in their entirety, including base and all appurtenances. coordinate abandonment of electrical lines with electrical engineer and owner prior to demolition.



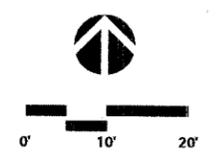
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**DEMOLITION PLAN**

Revisions  
Issued for Bid 02/22/08

Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME



**D-01**





**POLICE PLAZA**

Elmhurst, Illinois

**City of Elmhurst**

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**LANDSCAPE PLAN**

Revisions	Date
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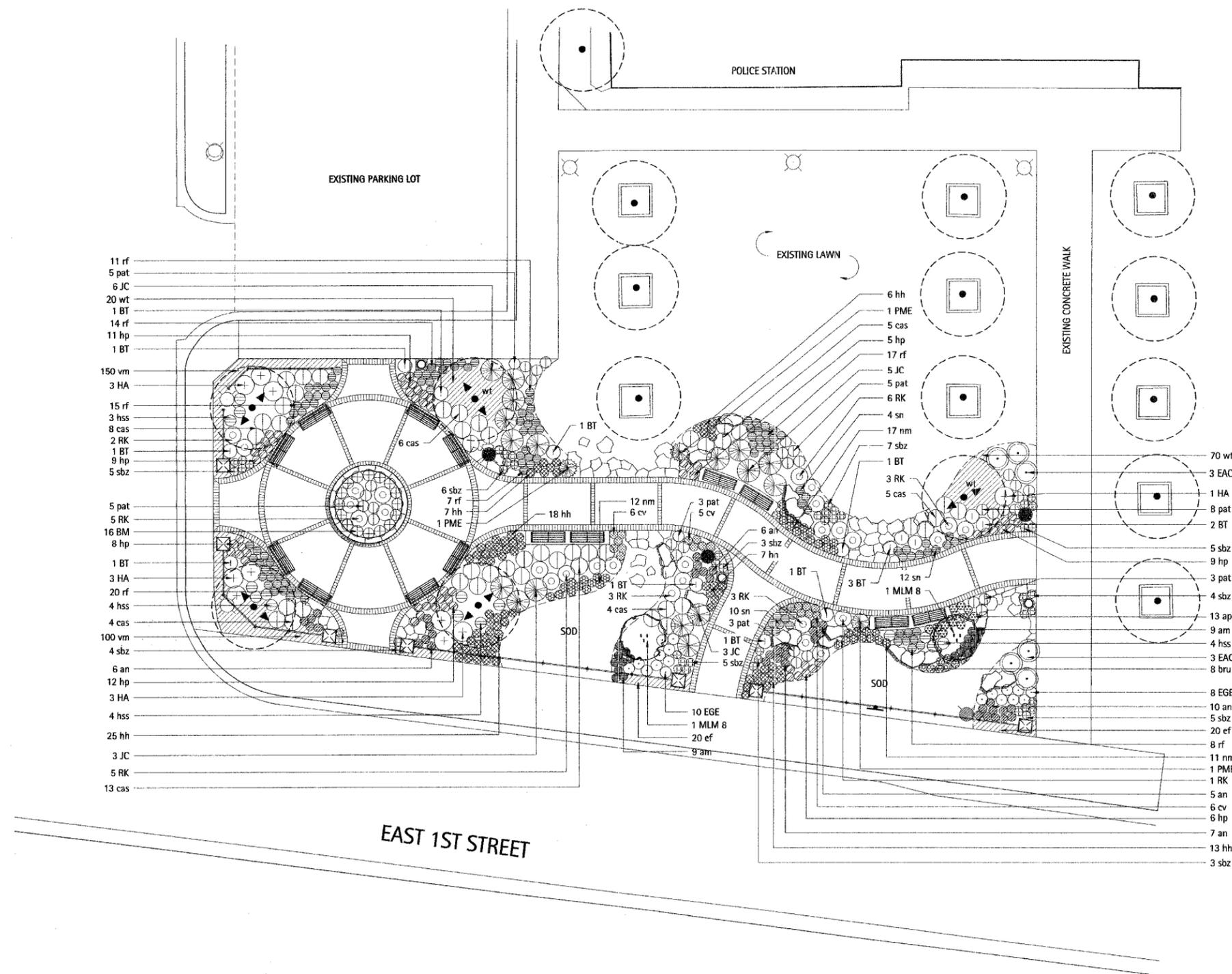
Date:	02/22/08
Drawn By:	MR, DS
Checked By:	ME



**L-03**

**POLICE PLAZA Elmhurst, Illinois**  
**PLANT LIST**

Symbol	Qty	Botanic Name	Common Name	Size
<b>ORNAMENTAL TREES</b>				
MLM 8	7	Magnolia x taorensis 'Merill'	Dr. Merrill Magnolia	8' ht.
<b>DECIDUOUS SHRUBS</b>				
BT	14	Berberis thunbergii	Crimson Pyram Barberry	18-24" ht.
EAC 3	6	Euonymus alata 'Compactus'	Dwarf Winged Euonymus	30-35" ht.
EGE	18	Euonymus fortunei 'Emerald 'N' Gold'	Emerald 'N' Gold Euonymus	18-18" spr.
HA	10	Hydrangea arborescens 'Annabelle'	Annabelle Smooth Hydrangea	16-24" ht.
RK	28	Rosa 'Knockout'	Knockout Rose	2-3 gal.
<b>EVERGREEN SHRUBS</b>				
BM	18	Buxus microphylla 'Wintergreen'	Wintergreen Boxwood	18"-24" ht.
JC	17	Juniperus chinensis 'Sea Green'	Sea Green Juniper	24"-30" spr.
PME	3	Pinus mugo 'Eric'	Eric Mugo Pine	18-24" spr.
<b>PERENNIALS &amp; ORNAMENTAL GRASSES</b>				
am	19	Alchemilla mollis	Lady's Mantle	1 gal.
an	34	Aster novae-angliae	Purple Dome New England Aster	1 gal.
apb	13	Astilbe 'Peach Blossom'	Peach Blossom Astilbe	1 gal.
bru	8	Brunnera macrophylla 'Jack Frost'	Jack Frost Brunnera	1 gal.
cas	45	Calamagrostis acutiflora 'Stricta'	Feather Reed Grass	1 gal.
cv	17	Carex verticillata 'Moonbeam'	Moonbeam Coropogon	1 gal.
hh	75	Hemerocallis 'Happy Returns'	Happy Returns Daylily	1 gal.
hp	60	Houstonia missouriensis 'Purple Palace'	Purple Palace Coral Bells	1 gal.
hst	15	Hosta 'Sun and Substance'	Sun and Substance Hosta	1 gal.
nm	40	Nepeta x mutabilis 'Blue Wonder'	Blue Wonder Catmint	1 gal.
pat	33	Perovskia atriplicifolia 'Longfin'	Russian Sage	1 gal.
rf	52	Rudbeckia fulgida 'Goldstrum'	Black-eyed Susan	1 gal.
shr	47	Stachys byzantina	Lamb's Ears	1 gal.
sn	26	Salvia nemorosa 'East Friesland'	East Friesland Sage	1 gal.
<b>GROUNDCOVERS</b>				
ef	40	Euonymus fortunei 'Colorata'	Purpleleaf Wintercreeper	3" pot
vm	250	Vinca minor 'Bowles'	Bowles Periwinkle	3" pot
wt	90	Waldsteinia ternata	Barren Strawberry	quart



**1 Landscape Plan**  
Scale: 1"=10'

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2678	08-00169-00-LT	DuPAGE	39	34
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**POLICE PLAZA**

Elmhurst, Illinois

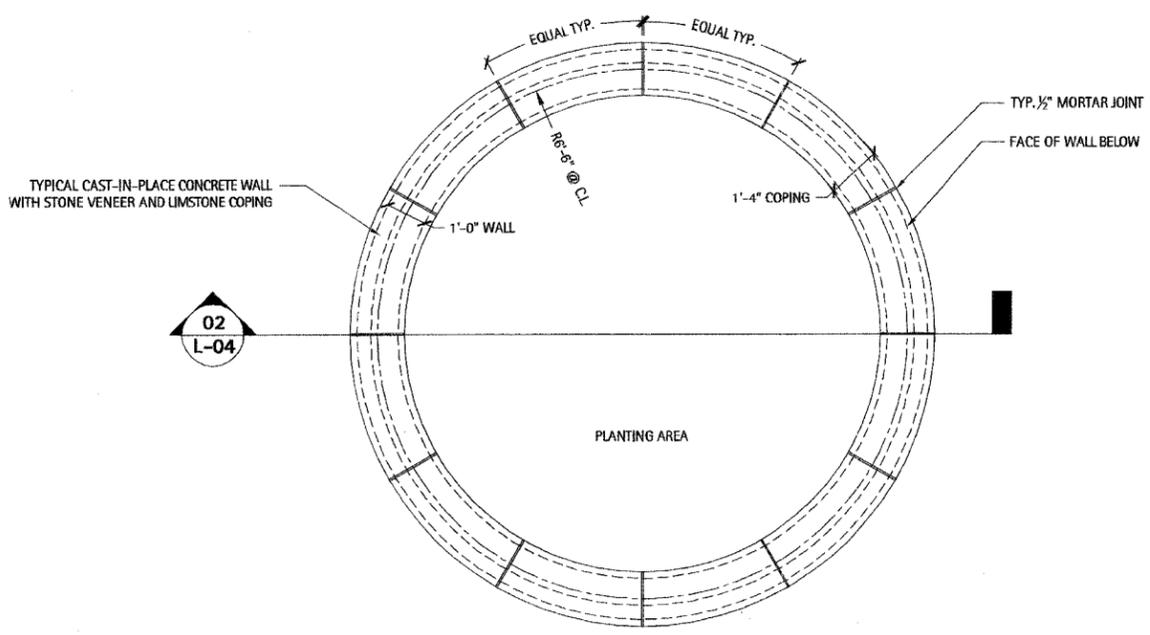
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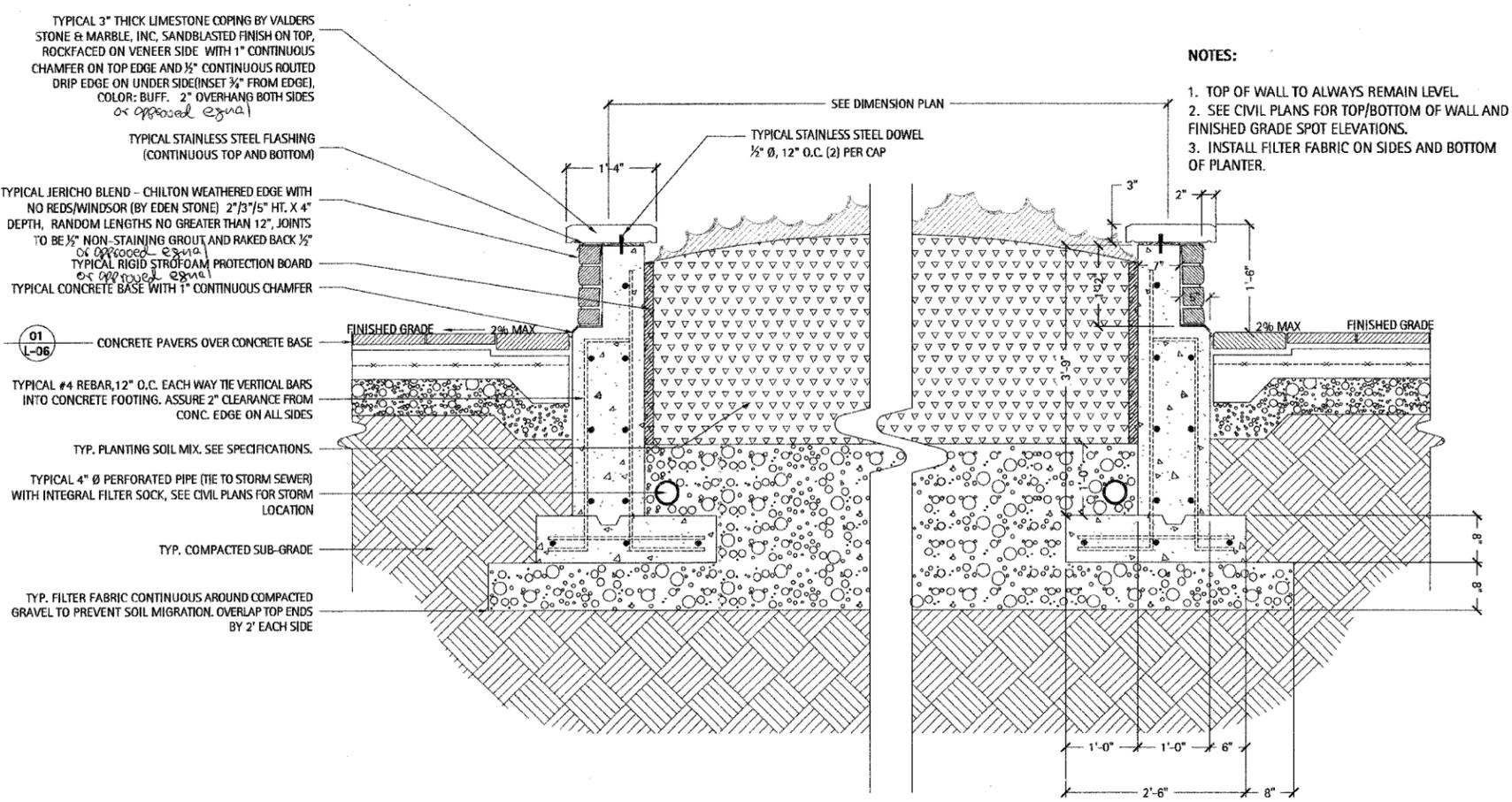


**PLANTER/SEAT WALL DETAILS**

Revisions	
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Checked By:	NLE

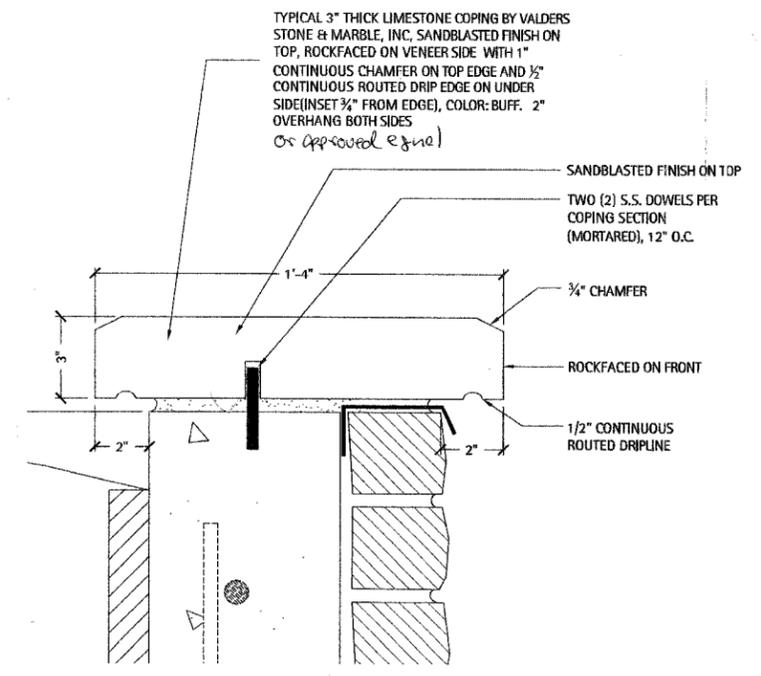


**1 Raised Stone Planter/Seatwall Plan**  
Scale: 1/2"=1'-0"



**2 Raised Stone Planter/Seatwall Section Detail**  
Scale: 1"=1'-0"

- NOTES:**
1. TOP OF WALL TO ALWAYS REMAIN LEVEL.
  2. SEE CIVIL PLANS FOR TOP/BOTTOM OF WALL AND FINISHED GRADE SPOT ELEVATIONS.
  3. INSTALL FILTER FABRIC ON SIDES AND BOTTOM OF PLANTER.



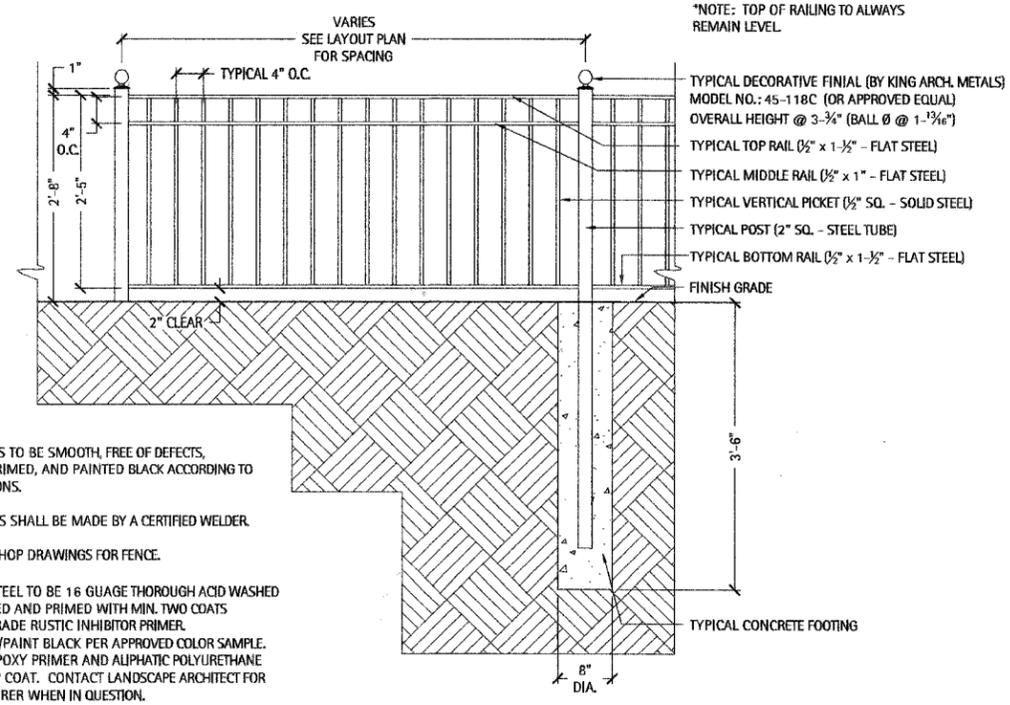
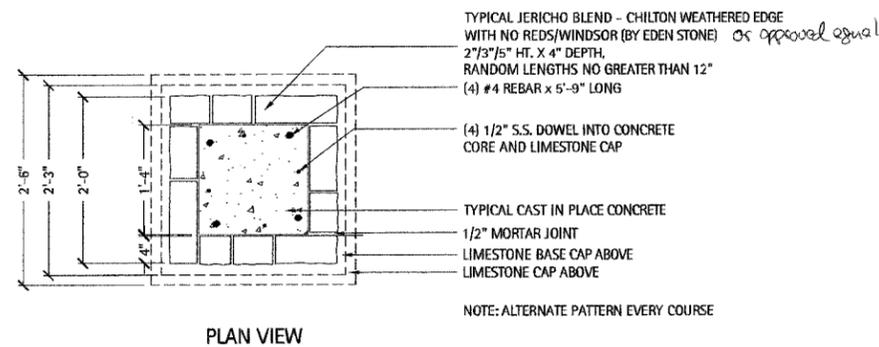
**3 Coping Enlargement**  
Scale: 4"=1'-0"

**POLICE PLAZA**

Elmhurst, Illinois

**City of Elmhurst**

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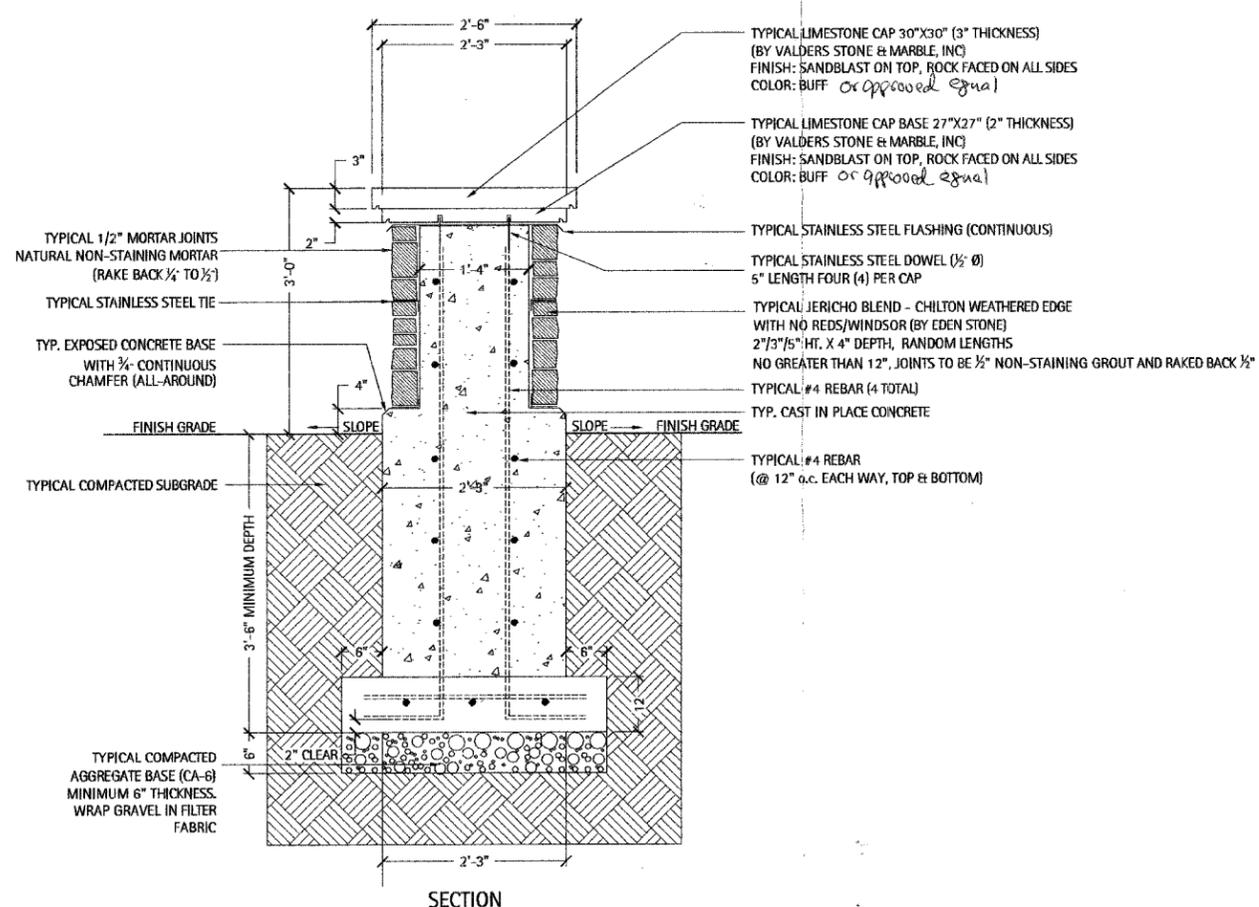


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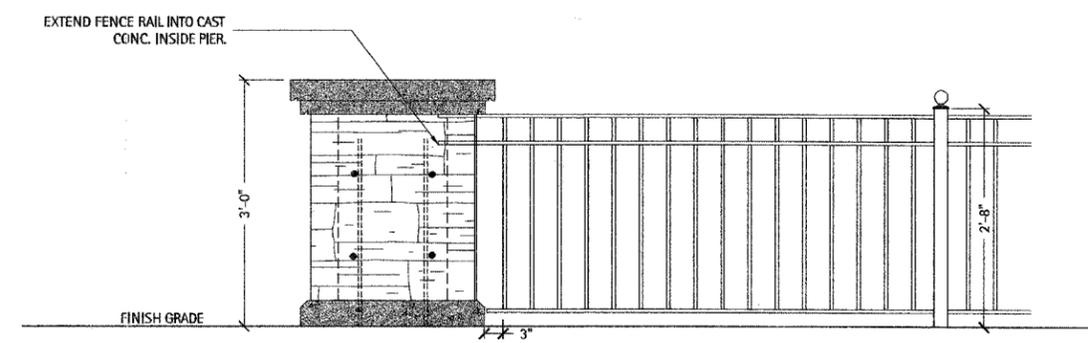
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- ALL WELDS SHALL BE MADE BY A CERTIFIED WELDER.
- SUBMIT SHOP DRAWINGS FOR FENCE.

NOTE: ALL STEEL TO BE 16 GAUGE THOROUGH ACID WASHED AND CLEANED AND PRIMED WITH MIN. TWO COATS EXTERIOR GRADE RUSTIC INHIBITOR PRIMER. FIELD PRIME/PAINT BLACK PER APPROVED COLOR SAMPLE. USE ONLY EPOXY PRIMER AND ALIPHATIC POLYURETHANE ENAMEL TOP COAT. CONTACT LANDSCAPE ARCHITECT FOR MANUFACTURER WHEN IN QUESTION.

**2** Decorative Metal Fence Detail  
Scale: 1"=1'-0"



**1** Typical Limestone Pier  
Scale: 1"=1'-0"



**3** Decorative Metal Fence and Pier Elevation  
Scale: 1"=1'-0"

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**HARDSCAPE DETAILS**

Revisions

Issued for Bid	02/22/08
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Date: 02/22/08  
Drawn By: MR, DS  
Checked By: ME





F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	38
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**LAKOTA**  
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Landscape Architecture  
Community Relations

**POLICE PLAZA**  
Elmhurst, Illinois

City of Elmhurst

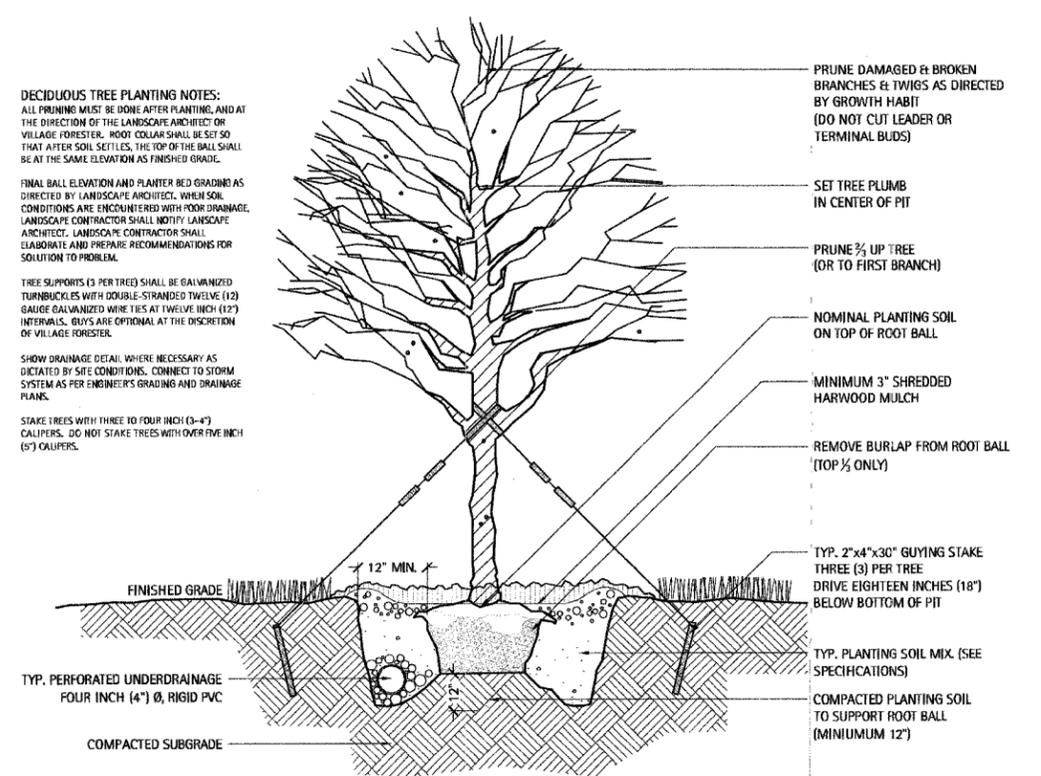
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**PLANTING DETAILS**

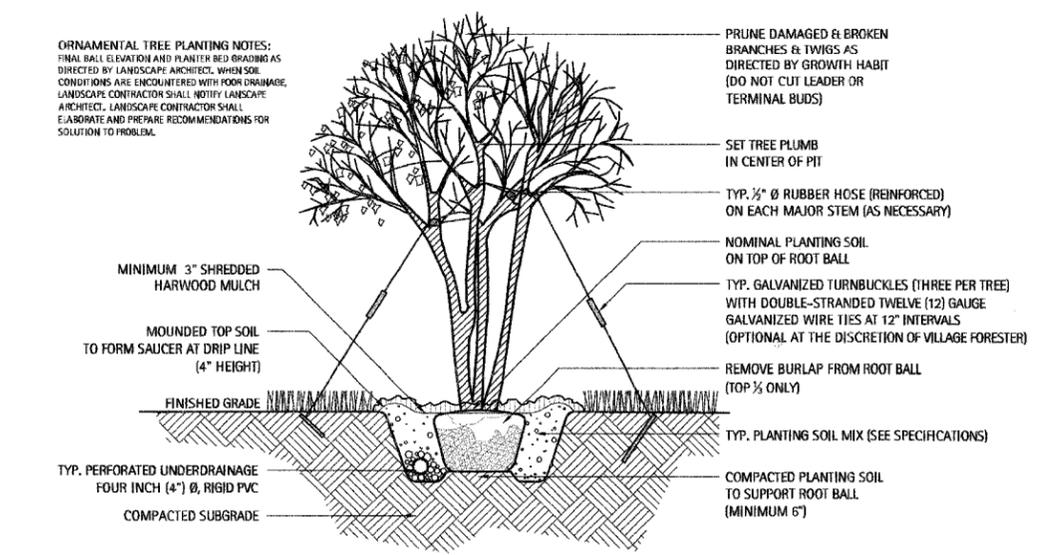
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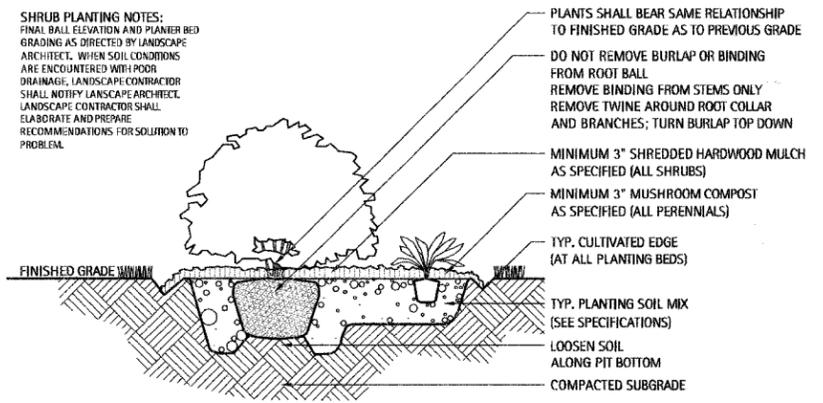
**L-08**



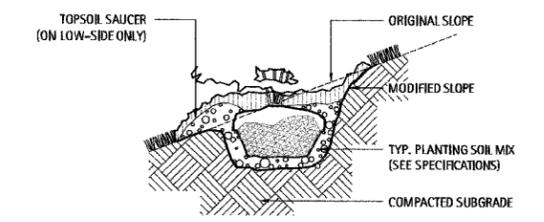
**1 Typical Deciduous Tree Planting Detail**  
Scale: NTS



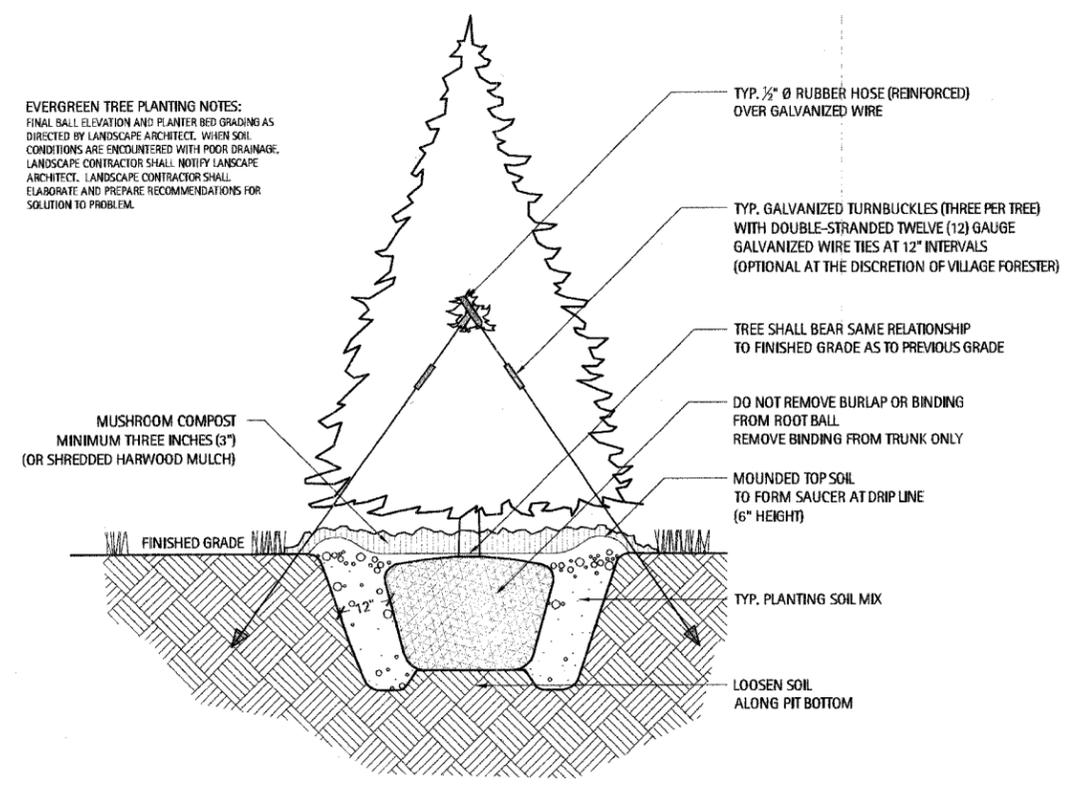
**3 Typical Ornamental Tree Planting Detail**  
Scale: NTS



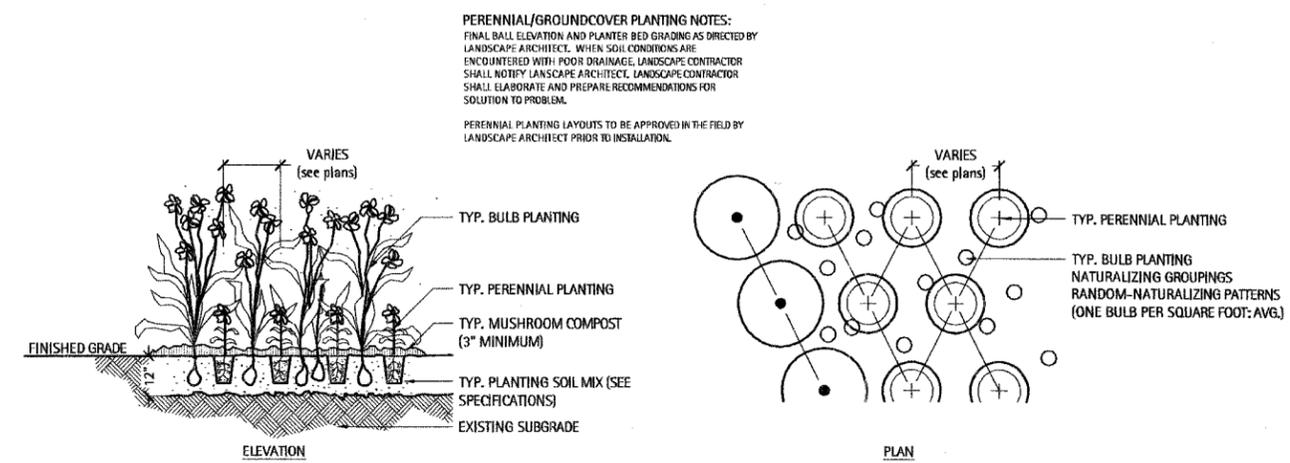
**4 Typical Shrub Planting Detail**  
Scale: NTS



**5 Typical Shrub Planting Detail (Slope)**  
Scale: NTS



**2 Typical Evergreen Tree Planting Detail**  
Scale: NTS



**6 Typical Groundcover & Perennial Planting Detail**  
Scale: NTS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2678	08-00169-00-LT	DuPAGE	39	39
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 63027

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City of Elmhurst

**GENERAL NOTES**

- Landscape Contractor shall verify all utility locations (existing and proposed) along with existing conditions and grades (existing and proposed), and note any discrepancies to owner, Engineer, and Landscape Architect immediately, before proceeding with any work.
- Base information for these plans was taken from Engineer's site survey, geometric, and grading plans. Contractor shall verify all dimensions and locations of existing and proposed features, and familiarize themselves with any obstacles encumbering the installation of this project.
- Any existing tree surveys or locations for these plans were prepared by the Engineer or a certified arborist. See plans for information.
- All soil/underground conditions shall be referred to soil testing reports prepared by the owner's consultant.
- Any archeological information relevant to these plans shall be referred to archeological survey and reports (if appropriate to job site) by the owner's consultant.

- All surface drainage shall be diverted away from structures and noted site features in all areas as shown on the Civil Engineer's grading plans. Surface drainage shall be diverted to existing or proposed basin structures or inlets as directed by the grading plans. Any site underdrainage as shown in the landscape drawings shall be provided at Landscape Architect's direction. Where poor subsurface drainage conditions occur in the field, Contractor shall notify Landscape Architect immediately and make recommendations for solutions to drainage issues before proceeding with work.
- Where possible, and at Engineer's approval and per code, all underdrainage shall be tied into existing or proposed storm structures.
- Landscape accent lighting as shown on these plans is for general location and intent only. The specified fixture and wattage shall be provided and installed on the desired feature at Landscape Architect's direction. Contractor shall field stake all accent lighting locations and obtain Landscape Architect's approval before final installation. Please refer to electrical plans for conduit or low-voltage cable routing and power-source (timer, transformers, switch boxes, etc.).

**GENERAL PLANTING NOTES**

**GENERAL CONDITIONS**

- Contractor shall familiarize themselves with all landscape specifications prior to commencement of work. Any questions or concerns shall be directed to Project Engineer or Landscape Architect in writing prior to landscape work commencement.
- All project limits shall be fenced with temporary plastic fencing at 48" height, staked at 4' on center, and clearly signed for construction activities. All existing, protected vegetation shall be fenced at a minimum of the plants drip line or as approved by Landscape Architect.
- The Landscape Contractor shall keep all areas clean and orderly at all times.
- The Landscape Contractor shall keep all roadways and walkways clear of mud and debris that result from landscape operations.

**SITE GRADING & BERMING**

- Berms shall occur along all noted landscape areas to the designed berming heights shown on the plans. All grading, drainage, and utilities shall be evaluated in the field for conflict points with designed berming. Landscape Architect and Project Engineer shall review and approve prior to finished grading. Finished shape and contouring shall be at Landscape Architect's direction.
- All grading and drainage shall be properly pitched to existing or proposed drainage swales and structures. Landscape Architect and Project Engineer shall field verify and approve.
- All stone work to be approved by Landscape Architect in field. All stone color samples shall be approved by Landscape Architect prior to ordering.

**SOIL & PLANTING MIX**

- All soil planting mix for backfill or beds, whether from on-site stockpile or new imported soil, shall be tested for approved specified pH levels and nutrient content. Submit testing agency with laboratory report to project Landscape Architect for approval, along with recommendations to amending soil as appropriate for use in planting.
- Topsail shall be clean, pulverized soil from an acceptable source. Topsail shall be free of debris, stones, and other material not more than one inch (1") diameter in size. Contractor shall provide the Landscape Architect with receipt of soil source and soil test results from a qualified lab upon request.
- It is anticipated that all planting areas, including lawn, shall be thoroughly tilled to a minimum of 12-18" depth. All on-site topsoil shall be amended and reused as approved, or removed off-site and disposed of properly. New planting soil mix shall be PM-35 soil mix by Midwest Trading, St. Charles, Illinois.
- Clean topsoil mix should have a tested and approved pH of 6.0 -- 7.0
- All planting beds shall be thoroughly tilled and amended with topsoil/compost mix to a minimum of 12" depth.
- The Landscape Contractor shall prepare planting beds by adding PM-35 soil mix manufactured by Midwest Trading, St. Charles, Illinois.
- All excess materials and spoils resulting from the landscape work shall be legally disposed of off-site by the Landscape Contractor.

**PLANTING STANDARDS**

- All plant material shall be top-quality grade, free of defects, and meet accepted horticultural standards established by the American Nurserymen's Association (AAN) and as deemed appropriate by Landscape Architect. Landscape Architect shall have the right to reject any, and all, plant material delivered to the site that does not meet acceptable standards.
- Sizes shown on plant schedule are minimum acceptable sizes.
- All plants to be balled-in-burlap or container-grown as specified in plant schedule. All plastic root wrapping material and metal wire baskets shall be removed.
- All new and transplanted plants to be sprayed with an antidesiccant within twenty-four (24) hours after planting. Antitranspirant shall be "Wilpruf" or an approved equal.
- Landscape Architect shall field verify and approve all final staked tree, shrub, and perennial bed locations prior to installation.
- The Landscape Contractor shall repair to its original condition any plant material which becomes damaged as a result of landscape operations.
- All perennials shall be planted at least two (2) feet from the tree trunks planted within planting areas.
- Landscape Architect shall approve all plant materials for quality, condition and specified sizes. Plant material shall be approved at nursery location, during tagging or before removal and transport to job site. Shrubs, perennials and groundcovers shall be approved at job site prior to installation.

**FERTILIZER & MULCHING**

- Prior to mulching tree and shrub planting areas, apply time-release fertilizer by broadcasting over entire planting areas. Rate is to manufacturer's recommendations. Fertilizer is to have no less than 10% available phosphoric acid, and 3-8% total nitrogen soluble potash.
- All plantings shall receive a slow-release fertilizer with a ratio of 10/10/10.
- All trees and shrub beds shall receive a minimum of 3" thick shredded hardwood mulch top-dressing.
- All perennials and groundcover beds shall be top-dressed with two inches (2") minimum of mushroom compost.

**MAINTENANCE & WARRANTIES**

- All plants shall be thoroughly watered in at time of planting and watered and maintained throughout construction until final acceptance by owner. Contractor shall water all plants immediately after planting. Flood plants twice during the first twenty-four (24) hours after planting.
- Landscape Contractor shall warranty all trees, shrubs, perennials, and ornamental grasses under this contract will be healthy and in flourishing condition of active growth one year from date of final acceptance.
- All newly sodded or seeded areas shall be maintained, watered, and mowed throughout their growing seasons during construction and until final acceptance by owner.

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**PLANTING NOTES**

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**L-09**