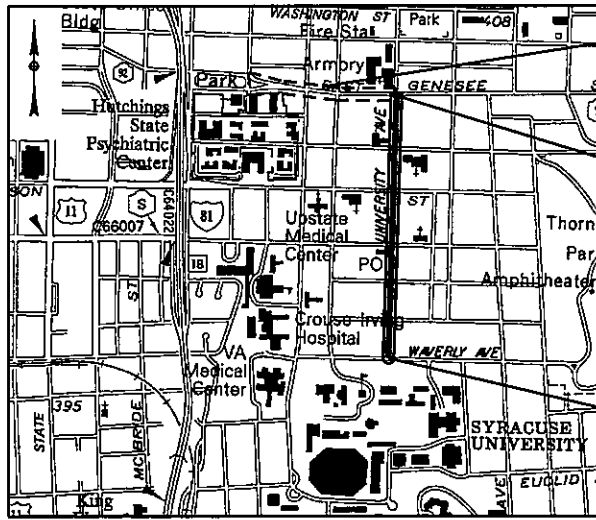
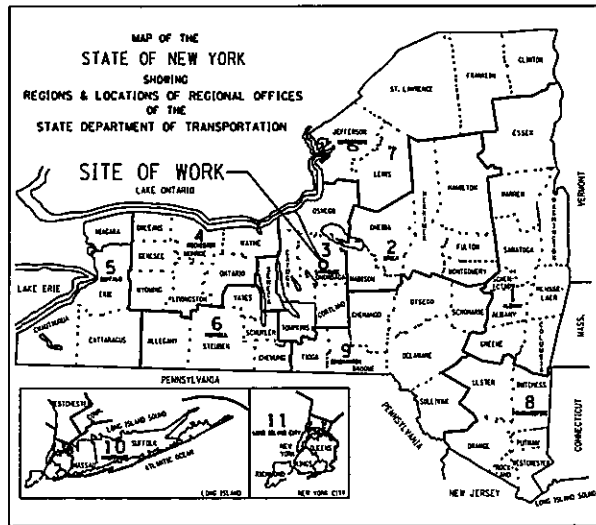


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 DATE = 5/10/2011  
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IN CHARGE OF \_\_\_\_\_ DESIGN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ ESTIMATED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_

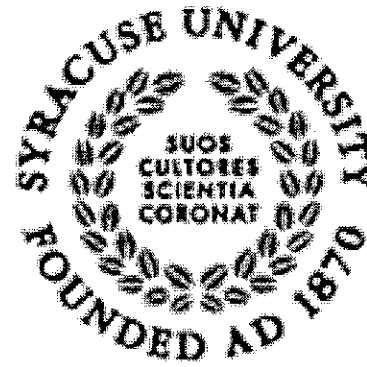


PROJECT LOCATION  
NOT TO SCALE

PHASE 1  
(CONTRACT 2)  
NIC

PHASE 1 (CONTRACT 1)  
PROJECT ENDS

PHASE 1 (CONTRACT 1)  
PROJECT BEGINS



CITY OF SYRACUSE DEPARTMENT OF ENGINEERING  
SYRACUSE UNIVERSITY

EAST GENESEE STREET CONNECTIVE CORRIDOR  
PHASE 1

(PIN 3754.46)  
CITY OF SYRACUSE  
STEPHANIE A. MINER  
MAYOR

APRIL 2011



CONTRACT 1 - RECONSTRUCTION OF  
UNIVERSITY AVENUE

STANDARD SHEETS

203-01, 203-05, 209-02, 209-01, 402-01, 604-02, 608-01,  
608-03, 608-04, 608-05, 608-06, 609-01, 609-02, 609-03,  
619-02, 619-04, 619-10, 619-11, 619-12, 619-20, 619-21,  
619-50, 619-51, 619-60, 619-61, 645-01, 645-03, 645-14,  
655-01, 655-03, 655-04, 663-01, 663-03, 663-05, 670-01,  
680-01, 680-03, 680-04, 680-05, 680-06, 680-07, 680-10,  
680-11, 680-13, 680-14, 685-01

ALL WORK CONTEMPLATED UNDER THIS CONTRACT IS TO BE COVERED BY AND IN CONFORMITY WITH THE STANDARD SPECIFICATIONS (U.S. CUSTOMARY UNITS) OF MAY 1, 2008, EXCEPT AS MODIFIED ON THESE PLANS AND IN THE ITEMIZED PROPOSAL.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT, OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

APPROVED BY

STEPHANIE A. MINER  
MAYOR

DATE

MARYLIN HIGGINS  
SYRACUSE UNIVERSITY

DATE



Engineers • Environmental Scientists • Planners • Landscape Architects

PREPARED AND RECOMMENDED BY

JOHN P. DONOHUE, P.E., LEED AP  
N.Y.S. P.E. LICENSE NO. 067059

DATE

EAST GENESEE STREET CONNECTIVE CORRIDOR			
PHASE 1, CONTRACT 1			
CITY OF SYRACUSE, ONONDAGA COUNTY			
PIN 3754.46			
FED. ROAD REG. NO.	STATE	SHEET NO.	TOTAL SHEETS
	N.Y.	1	127
FEDERAL AID PROJECT NO.			
CAPITAL PROJECT IDENTIFICATION NO. 3754.46			
INDEX ON SHEET NO. 2			

CONTRACTOR'S NAME \_\_\_\_\_

AWARD DATE \_\_\_\_\_

COMPLETION DATE \_\_\_\_\_

FINAL ACCEPTANCE DATE \_\_\_\_\_

ENGINEER IN CHARGE \_\_\_\_\_

FINAL COST TOTAL \_\_\_\_\_

FISCAL SHARE \_\_\_\_\_ COST(S) \_\_\_\_\_

IN CHARGE OF JPD CHECKED BY MCB DESIGN BY JPD/CAW ESTIMATED BY GLE CHECKED BY GLE DRAFTED BY PJJ CHECKED BY PJJ GRW

INDEX		
SHEET NUMBER	DESCRIPTION	DRAWING NUMBER
1	TITLE SHEET	COVER
2	GENERAL NOTES AND INDEX OF SHEETS	GN-1
3	LEGEND LINE SYMBOLOLOGY	L-1
4	LEGEND POINT SYMBOLOLOGY	L-2
5	ABBREVIATIONS	L-3
6-7	ESTIMATE OF QUANTITIES	QUAN-1 TO QUAN-2
8	BASELINE TIES AND BENCH MARKS	BLT-1
9-10	TYPICAL SECTIONS	TS-1 TO TS-2
11	WORK ZONE TRAFFIC CONTROL NOTES	WZTC-1
12	WORK ZONE TRAFFIC CONTROL NOTES & DETAILS	WZTC-2
13	WORK ZONE TRAFFIC CONTROL DETAILS	WZTC-3
14-19	WORK ZONE TRAFFIC CONTROL PLANS - PHASE 1	WZTC1-1 TO WZTC1-6
20-25	WORK ZONE TRAFFIC CONTROL PLANS - PHASE 2	WZTC2-1 TO WZTC2-6
26-31	GENERAL PLANS (1"=40')	PL-1 TO PL-6
32-35	GENERAL PROFILES (1"=50' H, 1"=10' V)	PR-1 TO PR-4
36-40	INTERSECTION CURB LAYOUT	G-1 TO G-5
41-43	MISCELLANEOUS TABLES	MT-1 TO MT-3
44-46	MISCELLANEOUS DETAILS	MD-1 TO MD-3
47-52	UTILITY PLANS (1"=40')	UT-1 TO UT-6
53-57	UTILITY DETAILS	UD-1 TO UD-5
58-61	DRAINAGE TABLES	DT-1 TO DT-4
62-70	DRAINAGE PROFILES	DP-1 TO DP-9
71-76	GREEN INFRASTRUCTURE PLANS (1"=40')	GI-1 TO GI-6
77-78	GREEN INFRASTRUCTURE DETAILS	GID-1 & GID-2
79-84	STREETSCAPE LAYOUT (1"=40')	SL-1 TO SL-6
85-88	STREETSCAPE DETAILS	SLD-1 TO SLD-4
89-94	PLANTING PLAN (1"=40')	PP-1 TO PP-6
95-100	LANDSCAPE DETAILS	LD-1 TO LD-6
101-106	SIGNING AND PAVEMENT MARKING PLANS	SPM-1 TO SPM-6
107-117	SIGN TEXT DATA SHEETS	ST-1 TO ST-11
118	TRAFFIC SIGNAL NOTES	TSN-1
119	TRAFFIC SIGNAL DETAILS AND ESTIMATE OF QUANTITIES	TSD-1
120-127	TRAFFIC SIGNAL PLANS/DETAILS/WIRING TABLES	TSP-1 TO TSP-8

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

**DEFINITION**

THE WORDS "SHALL", "SHOULD", AND "MAY", AS USED IN THE CONTRACT DOCUMENTS, HAVE THE FOLLOWING MEANINGS:

**SHALL** - A MANDATORY CONDITION. IN THE DESIGN, APPLICATION, OR LOCATION OF DEVICES REQUIREMENTS HAVING "SHALL" STIPULATIONS ARE MANDATORY. NO DISCRETION IN FOLLOWING THEM IS ALLOWED.

**SHOULD** - AN ADVISORY CONDITION. WHERE "SHOULD" IS USED IN RELATION TO A PROVISION, THAT PROVISION IS RECOMMENDED, AND NORMALLY IS TO BE FOLLOWED, BUT IS NOT MANDATORY. DEVIATION FROM SUCH PROVISIONS IS PERMISSIBLE IF, AND TO THE EXTENT, THERE IS JUSTIFIABLE CAUSE TO DO SO.

**MAY** - A PERMISSIVE CONDITION. NO REQUIREMENT FOR DESIGN OR APPLICATION IS INTENDED.

**EXISTING DRAINAGE FACILITIES**

THE CONTRACTOR SHALL BECOME ACQUAINTED WITH THE DRAINAGE CHARACTERISTICS OF THE AREA IN ORDER TO PROGRESS WORK EFFICIENTLY WITH FULL KNOWLEDGE OF THE POTENTIAL DRAINAGE PROBLEMS.

**UTILITIES**

THE APPROXIMATE LOCATION OF THE UTILITIES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE TRUE LOCATION BEFORE COMMENCING WORK. BEFORE ANY PIPE IS PLACED, THE CONTRACTOR SHALL UNCOVER ALL UTILITIES AT PIPE CROSSINGS TO ENABLE THE ENGINEER TO VERIFY THE PROPOSED PIPE WITH GRADES SHOWN ON THE PLANS IS NOT OBSTRUCTED BY EXISTING UTILITIES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES ENCOUNTERED IN THIS WORK. WHERE NECESSARY, THE CONTRACTOR SHALL PROVIDE TIMBER, OR OTHER APPROVED MATERIALS AND SECURELY BRACE AND PROTECT THESE UTILITIES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR VARIOUS ITEMS IN THE CONTRACT.

DURING UTILITY RELOCATION WORK REQUIRED FOR THIS CONTRACT, THE CONTRACTOR SHALL COOPERATE IN EVERY WAY WITH THE UTILITY OWNER, AND WILL SCHEDULE WORK IN SUCH A WAY AS TO COMPLY WITH SHUTDOWN TIMES AND ANY OTHER REQUIREMENTS OF THE UTILITY OWNER. NO ADDITIONAL PAYMENTS WILL BE MADE FOR ANY COST INCURRED DUE TO COMPLYING WITH OTHERS REQUIREMENTS. SUCH COSTS WILL BE INCLUDED IN PRICES BID FOR VARIOUS ITEMS IN THE CONTRACT.

THE FOLLOWING UTILITIES MAY BE ENCOUNTERED IN THE FIELD:

- ELECTRIC - NATIONAL GRID
- GAS - NATIONAL GRID
- WATER - CITY OF SYRACUSE
- SANITARY/STORM SEWER - CITY OF SYRACUSE
- TELEPHONE - VERIZON
- CABLE TELEVISION - TIME WARNER
- FIBER OPTICS - SYRACUSE UNIVERSITY, FIBER TECH
- TRAFFIC SIGNAL INTERCONNECT SYSTEM - CITY OF SYRACUSE

THE DEGREE OF ACCURACY FOR ALL UNDERGROUND UTILITIES WITHIN THE PROJECT LIMITS IS QUALITY LEVEL B. MAPPING CONSISTS OF UTILITY INFORMATION OBTAINED THROUGH THE APPLICATION OF SURFACE GEOPHYSICAL METHODS TO DETERMINE THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION. DEPTHS WERE NOT FIELD VERIFIED. PHYSICAL SURFACE FEATURES SUCH AS MANHOLES, VALVE BOXES, HYDRANTS HAVE BEEN FIELD LOCATED.

**SURVEY**

ALL HORIZONTAL AND VERTICAL CONTROL IS IN U.S. SURVEY FEET AND IS BASED ON AN ASSUMED CITY OF SYRACUSE DATUM. SURVEY PERFORMED BY SHUMAKER CONSULTING ENGINEERING & LAND SURVEYING, P.C.

**SIGNS**

WHEN A NEW SIGN IS INSTALLED TO REPLACE AN EXISTING SIGN, THE EXISTING SIGN SHALL BE IMMEDIATELY REMOVED UPON COMPLETION OF THE NEW SIGN INSTALLATION.

**MAINTENANCE JURISDICTION**

UPON COMPLETION AND ACCEPTANCE OF THIS CONTRACT, THE STREET CORRIDOR WITHIN PUBLIC R.O.W. WILL CONTINUE TO BE MAINTAINED BY THOSE AGENCIES WHICH HAD JURISDICTION PRIOR TO THIS CONTRACT.

**DISPOSAL OF CONSTRUCTION AND DEMOLITION DEBRIS**

THERE ARE NO AREAS WITHIN THE CONTRACT LIMITS AVAILABLE FOR DISPOSAL OF DEBRIS.

**PROJECT COORDINATION**

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH THE FOLLOWING PROJECTS IN THE AREA:

- SYRACUSE TRAFFIC SIGNAL INTERCONNECT EXPANSION PROJECT  
 CONTACT - JOHN KIVLEHAN, CITY OF SYRACUSE ENGINEERING (315) 448-8205  
 KELLY THOMPSON, BERGMANN ASSOCIATES (716) 852-3211 X-864
- CITY OF SYRACUSE - PIN 3754.56 CONTRACT NO. 2 - EAST GENESEE STREET  
 CONTACT - JOHN KIVLEHAN, CITY OF SYRACUSE ENGINEERING (315) 448-8205
- SYRACUSE UNIVERSITY COMMUNICATION FIBER OPTIC EXTENSION, MARSHALL STREET INTERSECTION  
 CONTACT - MARK HANCE, SYRACUSE UNIVERSITY DESIGN/CONSTRUCTION (315) 443-7427
- CITY OF SYRACUSE WATER PRESSURE BANK EXTENSION, ADAMS STREET INTERSECTION  
 CONTACT - KIM KELCHNER, CITY OF SYRACUSE WATER (315) 473-2609 X-238
- CITY OF SYRACUSE - CONVERSION OF UNIVERSITY AVE TO TWO-WAY TRAFFIC BETWEEN E. GENESEE ST. AND ERIE BLVD.  
 CONTACT - JOHN KIVLEHAN, CITY OF SYRACUSE ENGINEERING (315) 448-8205

**STREETSCAPE**

THE CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITIES PRIOR TO INSTALLATION OF STREET FURNISHINGS.

CONTRACTOR SHALL COORDINATE LOCATIONS OF CONCRETE WITH GLASS AGGREGATE BANDS WITH UTILITY AND LIGHTING CONTRACTOR. ALL CONCRETE BANDS SHALL BE 2" WIDE AND CENTERED ON LIGHT COLUMNS AND BOLLARDS. REFER TO DWG. SERIES UT AND UD FOR UTILITY PLANS AND DETAILS.

REFER TO DWG. NO'S SLD-1 THRU SLD-3 FOR PAVER PATTERN LAYOUT AND DETAILS. PAVER AREA MOCK UPS ARE REQUIRED PRIOR TO INSTALLING ADJACENT CONCRETE WALK PAVEMENT TO CONFIRM ACTUAL WIDTH OF PAVER AREAS. SEE DETAILS FOR ADDITIONAL NOTES AND INSTRUCTIONS.

REFER TO DWG. SERIES PP FOR PLANTING PLANS AND LD FOR LANDSCAPE DETAILS.

REFER TO DWG. SERIES SLD FOR ALL STREETSCAPE DETAILS AND ADDITIONAL NOTES.

**EROSION AND SEDIMENT CONTROL**

THE CONTRACTOR SHALL EMPLOY EFFECTIVE EROSION AND SEDIMENT CONTROL PRACTICES DURING CONSTRUCTION, AS SET FORTH IN THE CITY'S, NYSDDOT'S AND NYSDEC'S STATEWIDE STORMWATER AND EROSION CONTROL SPECIFICATIONS, STANDARD CONSTRUCTION DETAILS AND CONSTRUCTION GUIDANCE PROCEDURES. A STORM WATER POLLUTION PREVENTION PLAN HAS BEEN DEVELOPED BASED ON CITY REGULATIONS AND ORDINANCES.

THE PROJECT IS LOCATED WITHIN A COUNTY/CITY OWNED COMBINED SANITARY/STORM SEWER AREA. A STATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (SPDES) PERMIT WILL NOT BE REQUIRED.

ALL AREAS OF SOIL DISTURBANCES RESULTING FROM THIS PROJECT SHALL BE SEED WITH AN APPROPRIATE PERENNIAL GRASS SEED AND MULCHED WITH HAY OR STRAW WITHIN 7 DAYS OF FINAL GRADING. SEED AND MULCH SHALL BE MAINTAINED UNTIL A SUITABLE COVER IS ESTABLISHED. ANY DISTURBED AREA LEFT EXPOSED FOR GREATER THAN 7 DAYS SHALL RECEIVE TEMPORARY SEED AND MULCH, ITEM 209.1003.

INLET PROTECTION IS TO BE PLACED AROUND ALL NEWLY INSTALLED STORMDRAIN INLETS UNTIL FINAL GRADE IS ACHIEVED UNLESS PROPOSED GRATE ELEVATIONS ARE ABOVE ROUGH GRADE. INLET PROTECTION SHALL BE INSTALLED AROUND EXISTING STORM DRAIN INLETS WITH CONTRIBUTING DISTURBED AREAS UNLESS EXISTING GRATE ELEVATIONS ARE ABOVE ROUGH GRADE. IN AREAS WHERE PERMANENT PAVEMENT IS TO REMAIN, DROP INLET PROTECTION IS TO BE INSTALLED AS PER ITEM 209.1702.

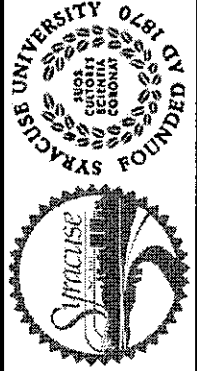
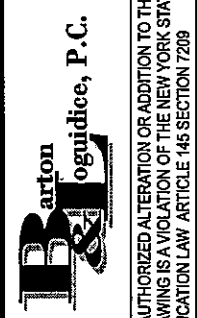
INSPECTION, PERIODIC CLEANING AND MAINTENANCE OF EROSION AND SEDIEMNT CONTROL PRACTICES SHALL BE CONDUCTED BY THE CONTRACTOR ON A WEEKLY AND POST-RAINFALL BASIS. MAINTENANCE REPAIRS SHALL BE CONDUCTED WITHIN 24-HOURS.

ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED AND OPERATIONAL PRIOR TO UPGRADE EARTHWORK OPERATIONS. PRACTICES SHALL REMAIN OPERATIONAL UNTIL STABILIZATION OF CONTRIBUTING AREA.

CONTRACTOR RESPONSIBLE FOR DUST SUPPRESSION TO PREVENT OFF-SITE DUST MIGRATION.

CONTRACTOR SHALL NOT ALLOW VEHICLE SEDIMENT TRACKING ONTO PUBLIC ROADWAYS.

CONTRACTOR SHALL COMPLY WITH ALL PROVISIONS OF THE CLEAN WATER ACT. ANY PENALTIES OR FINES ASSOCIATED WITH EROSION AND SEDIMENT CONTROL OR STORMWATER MANAGEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL INSTALL ADDITIONAL PRACTICES AS NECESSARY TO PREVENT OFF-SITE SEDIMENT MIGRATION OR WATER QUALITY VIOLATIONS. PAYMENT UNDER VARIOUS ITEMS IN THE CONTRACT.

NO. DATE		BY		REVISION	
					
					
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209					
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE		ONONDAGA COUNTY	
CONTRACT 1		P.I.N. 3754.46			
GENERAL NOTES & INDEX OF SHEETS					
SCALE: NTS					
DATE ISSUED: 4/2011					
DRAWING					
GN-1					

ALIGNMENT			LANDSCAPE			ROADWAY			UTILITIES		
STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION	STYLE	NAME	DESCRIPTION
	AC	CONTROL (CENTERLINE)		LABL	AREA, BRUSH LINE		RG	GUIDE RAIL, MISCELLANEOUS		UC	CONDUIT, UNDERGROUND
	AD_P	DETOUR		LAHR	AREA, HEDGE ROW		RGB	GUIDE RAIL, BOX BEAM		UCH	CONDUIT, HANGING
	AT_P	TRANSITION CONTROL		LAPB	AREA, PLANTING BED		RGBM	GUIDE RAIL, BOX BEAM, MEDIAN		UCO	CONDUIT, OVERHEAD
<b>BRIDGE</b>				LAWA	AREA, WOODED AREA OUTLINE		RGC	GUIDE RAIL, CABLE		UE	ELECTRIC LINE, UNDERGROUND
	BR	RAIL		LAWE	AREA, WATERS EDGE		RGCB	GUIDE RAIL, CONCRETE BARRIER		UEH	ELECTRIC LINE, HANGING
	BSHT	SHEET PILING		LCUT_P	CUT LIMIT		RGP_P	GUIDE POST		UEO	ELECTRIC LINE, OVERHEAD
<b>CONTROL</b>				LFILL_P	FILL LIMIT		RGW	GUIDE RAIL, W BEAM		UETO	ELECTRIC TRANSMISSION, OVERHEAD
	CB	BASELINE		LFNC	FENCE		RGWM	GUIDE RAIL, W BEAM, MEDIAN		UESS	ELECTRIC, SUBSTATIONS
	CBPR	BASELINE, PROJECTION		LTRC	TREE ROW, CONIFEROUS		RPB	PARKING BUMPER		UFO	FIBER OPTIC, UNDERGROUND
<b>DRAINAGE</b>				LTRD	TREE ROW, DECIDUOUS		RRC	RAIL ROAD, CATENARY		UFOH	FIBER OPTIC, HANGING
	DCP	CULVERT PIPE		LWH	WALL, H PILE		RRER	RAIL ROAD, 3RD RAIL		UG	GAS, UNDERGROUND
	DCP_P	CULVERT PIPE (DIR)		LWR	WALL, RETAINING		RRPLS_P	RAIL, PHOTO, LARGE SCALE		UGH	GAS, HANGING
	DDG_P	DITCH, GRASS LINED		LWS	WALL, STONE		RRPSS	RAIL, PHOTO, SMALL SCALE		UGO	GAS, OVERHEAD
	DDP_P	DITCH, PAVED INVERT	<b>ROW MAPPING</b>				RRS	RUMBLE STRIP		UIC	INFORM CABLE, UNDERGROUND
	DDS_P	DITCH, STONE LINED		MDL	DEED LINE		RRSLS_P	RAIL, SURVEY, LARGE SCALE		UICH	INFORM CABLE, HANGING
	DFL_P	FLOW LINE		MEE	EASEMENT, EXISTING		RRSSS	RAIL, SURVEY, SMALL SCALE		UO	OIL LINE, UNDERGROUND
	DSSD	SLOTTED DRAIN		MEP_P	EASEMENT, PERMANENT					UOH	OIL LINE, HANGING
<b>ENVIRONMENTAL</b>				MEPA_P	EASEMENT, PERMANENT, APPROX.	<b>STRIPING</b>				UPBP	POLE, BRACE, PUSH BRACE
	EBLHS	BALE, HAY/STRAW		MET_P	EASEMENT, TEMPORARY		STB*	BROKEN LINE		UPBW	POLE, GUY WIRE
	ECT	CURTAIN, TURBIDITY		META_P	EASEMENT, TEMPORARY, APPROX.		STOB*	DOUBLE BROKEN LINE		USA	SANITARY SEWER, UNDERGROUND
	EDMC	DAM, COFFER TYPE		MF_P	FEE ACQUISITION, W/ ACCESS		STDL*	DOTTED LINE LONG		USAH	SANITARY SEWER, HANGING
	EDMEC_P	DAM, EARTHEN, CHECK		MFA_P	FEE ACQUISITION, APPROXIMATE		STDS*	DOTTED LINE SHORT		USAF	SANITARY SEWER, FORCE MAIN, UGND
	EDMPC_P	DAM, PREFAB, CHECK		MFS_P	FEE ACQUISITION, SHAPE		STFB*	FULL BARRIER LINE		USAFH	SANITARY SEWER, FORCE MAIN, HANG
	EDMSC_P	DAM, STONE, CHECK		MFWOA_P	FEE ACQUISITION, W/O ACCESS		STH*	HATCH LINE		UT	TELEPHONE, UNDERGROUND
	EFNS	FENCE, SILT		MHB	HIGHWAY BOUNDARY		STPB*	PARTIAL BARRIER LINE		UTH	TELEPHONE, HANGING
	EFNSV	FENCE, SILT & VEGETATION		MHBA	HIGHWAY BOUNDARY, APPROX.		STRCT	ROUNDABOUT, CAT TRACKS		UTO	TELEPHONE, OVERHEAD
	EFNV	FENCE, VEGETATION		MHBA	HIGHWAY BOUNDARY, APPROX.		STRYL	ROUNDABOUT, YIELD LINE		UTV	CABLE TV, UNDERGROUND
	EWAA_P	WETLAND, ADJACENT AREA		MHBW	HIGHWAY BOUNDARY, FACE OF WALL		STSB	STOP BAR		UTVH	CABLE TV, HANGING
	EWF	WETLAND, FEDERAL		MHBWOA	HIGHWAY BOUNDARY, W/O ACCESS		STSE	SOLID, EDGE		UTVO	CABLE TV, OVERHEAD
	EWFS	WETLAND, FEDERAL AND STATE		MJC	JURISDICTION, CITY		STXL*	X WALK, LADDER LINE		UUU	UNKNOWN, UNDERGROUND
	EWM	WETLAND, MITIGATION AREA		MJCY	JURISDICTION, COUNTY					UUH	UNKNOWN, HANGING
	EWS	WETLAND, STATE		MJHD	JURISDICTION, HISTORIC DISTRICT					UUD	UNKNOWN, OVERHEAD
<b>SIGNS</b>				MJLL	JURIS., (GREAT, MILITARY) LOT LINE	<b>TRAFFIC CONTROL</b>				UW	WATER LINE, UNDERGROUND
	SBLB	BILLBOARDS		MJLN	JURISDICTION, NATION		TCSW	SIGNAL, SPAN WIRE		UWH	WATER LINE, HANGING
	SM	MULTIPLE POST		MJPB	JURISDICTION, PUBLIC LANDS					UWO	WATER LINE, OVERHEAD
	SSO	STRUCTURE, OVERHEAD		MJS	JURISDICTION, STATE				<b>TRAFFIC MAINTENANCE</b>		
	SSOC	STRUCTURE, OVHD, CANTILEVER		MJT	JURISDICTION, TOWN					TMBCD_P	BARRICADES
				MJV	JURISDICTION, VILLAGE					TMBCDL_P	BARRICADES, LIGHTED
				MPL	PROPERTY LOT LINE					TMBT_P	BARRIER, TEMPORARY
				MPLA	PROPERTY LOT LINE, APPROXIMATE					TMBTL_P	BARRIER, TEMPORARY, LIGHTED
				MSL	SUB LOT LINE					TMDB_P	DEVICE, BARRELS
										TMDBL_P	DEVICE, BARRELS, LIGHTED
										TMDC_P	DEVICE, CONES

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

1. THE LEGEND ILLUSTRATES MAPPING FEATURES (EXISTING AND PROPOSED).
2. FEATURES ARE SHOWN AS EITHER LINEAR (ROADWAY GUIDERAIL, ROADWAY SIDEWALK, UTILITY LINES, ETC.) OR POINT (SIGN, UTILITY POLE, ETC.).
3. FEATURES SHOWN ON THE LEGEND AS EXISTING FEATURES ALSO HAVE CORRESPONDING PROPOSED FEATURES.
4. PROPOSED FEATURE SYMBOLOGY IS IDENTICAL TO EXISTING FEATURE SYMBOLOGY EXCLUDING LINE WEIGHT. LINE WEIGHT FOR PROPOSED FEATURES IS THICKER (0.02" ON B SIZE DRAWINGS).
5. MAPPING FEATURES NOT INCLUDED ON THE LEGEND SHEET DO NOT HAVE A UNIQUE SYMBOLOGY (SUCH AS THE PAVEMENT EDGE, PAVEMENT EDGE OF TRAVEL WAY) AND SHOULD BE LABELED ON THE PLANS.
6. FEATURES SHOWN AT THE HEAVIER WEIGHT ARE PROPOSED ONLY AND DO NOT HAVE CORRESPONDING EXISTING FEATURES.

3  
127

NO. DATE BY REVISION

SYRACUSE UNIVERSITY  
 FOUNDED 1820

Barton & Loguidice, P.C.

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 P.I.N. 3754.46  
 CONTRACT 1

LEGEND LINE SYMBOLOGY

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING L-1

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

FILE NAME = I:\Shored\180\140016-S\Final Design\Phase1\_P&E\Contract\_1\Universisty\140016\_LEG2.dgn  
 DATE = 5/10/2011  
 TIME = 1:10:13 PM

It:\MicroStation\WorkSpace\Plot\NYSDDT\SITE\_NYSDDT\_SIZE.B.dbl  
 It:\MicroStation\WorkSpace\Plot\NYSDDT\NYSDDT\_HPLJ5200.B.plt

IN CHARGE OF JPD DESIGN BY MCB CHECKED BY GLE ESTIMATED BY JPD/CAW CHECKED BY MCB DRAFTED BY MCB CHECKED BY PJZ CHECKED BY GRW

ALIGNMENT			BRIDGE			ROADWAY			ITS			UTILITIES			ROW MAPPING		
CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION	CELL	NAME	DESCRIPTION
⊗	ACC	CENTER OF CURVATURE	□	BSC	BRIDGE, SCUPPER	⊙	RES P	ELEVATION, SPOT	⊕	IANT P	ANTENNAS	⊞	UEB	ELECTRIC, BOX	⊕	MDL1P	DEED LINE, TYPE 1
+	ACOGO	COGO	DRAINAGE			⊗	RGA	GUIDE RAIL, ANCHOR	⊞	IASCTS	ACCOU. SPEED/COUNT SNSR.S	⊞	UEM	ELECTRIC, METER	⊕	MDL2P	DEED LINE, TYPE 2
⊙	ACS	CURVE TO SPIRAL				⊕	DINV	INVERT	○	RGP	GUIDE POST, SINGLE	⊞	ICABPAD	CABINET & PAD	⊞	UEMH	ELECTRIC, MANHOLE
△	ADPI.P	DETOUR, POINT OF INTERSECT.	⊞	DS	STRUCTURE, RECTANGULAR	SIGNS			⊞	ICCTV	CCTV SITE	⊞	UEPT	ELECTRIC, POLE, TRANS.	⊕	MDL4P	DEED LINE, TYPE 4
○	ADPL.P	DETOUR, POINT ON LINE	⊞	DSI	STRUCTURE, INVERT				⊕	S	SINGLE POST	⊞	ICDPD	CDPD TRANSCEIVER	⊞	UGM	GAS, METER
○	AEQN	EQUATION	⊞	DSM	STRUCTURE, MANHOLE	⊕	S P	SINGLE POST, PROPOSED	⊞	ICELLT	CELL PHONE TOWER	⊞	UGMH	GAS, MANHOLE	⊕	MEEP	EASEMENT, EXISTING
△	AEQNAHD	EQUATION AHEAD	⊞	DSMTXX.P	STRUCTURE, MANHOLE, TYPE "XX" "XX" = 48, 60, 72, 96	⊞	SB P	BACK TO BACK, PROPOSED	⊞	ICJB	CONDUIT JACK OR BORING	⊞	UGLM	GAS, LINE MARKER	⊕	MEPAP.P	EASEMENT, PERM., APPROX.
⊙	AEQNBK	EQUATION BACK	⊞	DSR	STRUCTURE, ROUND	⊞	SDEL	DELINEATORS	⊞	ICNTLCAB	CONTROLLER CABINET	⊞	UGP	GAS/FUEL PUMP	⊕	MEPP.P	EASEMENT, PERM., BACK LINE
○	AEVT	EVENT STATION	⊞	DST"X" P	STRUCTURE, RECT., WITH CURB TYPE "X" "X" = F, G, N, O, P, R	⊞	SPM	PARKING METER	⊞	ICPB	COMMUNICATION PULL BOX	⊞	UGV	GAS, VALVE	⊕	MEPSP.P	EASEMENT, PERM., SHAPE
⊙	APC	POINT OF CURVATURE	⊞	DST"X" P	STRUCTURE, RECT., TYPE "X" "X" = 1, K, L, M, O, P, U	⊞	SRM	REFERENCE MARKERS	⊞	ICTD	CONDUIT TURNING DOWN	⊞	UGVT	GAS, VENT	⊕	MFAP.P	FEE ACQUISITION, APPROX.
○	APCC	POINT OF COMPOUND CURVATURE	ENVIRONMENTAL			⊞	SRSC3	SHLD, CTY, 123 DIG.	⊞	ICTU	CONDUIT TURNING UP	⊞	ULP	LIGHTING, POLE	⊕	MFP.P	FEE ACQUISITION, BACK LINE
△	API	POINT OF INTERSECTION				⊞	SRSC4	SHLD, CTY, 4 DIG.	⊞	SRCT2	SHLD, CTY TOUR, 1-2 DIG.	⊞	ICVTRT	COMM. VEH. ROAD TRANSCVR.	⊞	ULPM	LIGHTING, POLE, MEDIAN
△	APOB	POINT OF BEGINNING	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 4 DIG.	⊞	IDEFAULT	DEFAULT	⊞	ULPP	LIGHTING, POLE, PED.	⊕	MHBAP	HIGHWAY BNDRY., APPROX.
○	APOC	POINT OF CURVATURE	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IEZR	EZ-PASS READER	⊞	UMFC	MISC. FILLER CAP	⊕	MHBCP	HISTORICAL, BLDG. CORNERS
△	APOE	POINT OF END	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IEZTR	TRANSMITTAL READER	⊞	UOLM	OIL, LINE MARKER	⊕	MHBP	HIGHWAY BNDRY., PT.
○	APOL	POINT ON LINE	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IFXCAB	FIBER OPTIC X-CONNECT CAB.	⊞	UP	POLE, WITH UTILITY	⊕	MJCP	PT., JURIS. CITY
○	APOS	POINT ON SPIRAL	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IFUSSPL	FUSION SPLICE	⊞	UPD	POLE, DEAD (NO UTILITY)	⊕	MPBC	PT., BUILDING CORNER
○	APOT	POINT ON TANGENT	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IHARADV	HAR ADVISORY SIGN	⊞	UPL	POLE, WITH LIGHT	⊕	MPCC	PT., CROSS CUT
△	APOVC	POINT ON VERTICAL CURVE	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IHARST	HAR SITE	⊞	USMH	SANITARY SEWER MANHOLE	⊕	MPDH	PT., DRILL HOLE
△	APOVT	POINT ON VERTICAL TANGENT	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	ILC	LOAD CENTER	⊞	UTB	TELEPHONE, BOOTH	⊕	MPF	PT., FENCE LOCATION
Y	APORC	POINT ON REVERSE CURVE	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	SRSC4	SHLD, CTY TOUR, 3-4 DIG.	⊞	IMECSPL	MECHANICAL SPLICE	⊞	UTLM	TELEPHONE, LINE MARKER	⊕	MPIP	PT., IRON PIPE
⊙	APT	POINT OF TANGENCY	LANDSCAPE			TRAFFIC			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	UTMH	TELEPHONE, MANHOLE	⊕	MPIR	PT., IRON ROD
⊙	APVC	POINT OF VERTICAL CURVATURE							⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	UTVLM	CABLE TV, LINE MARKER	⊞	IMT	MICROWAVE TRANSCEIVER
△	APVCC	POINT OF VERT. CMPND CURVE	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IOVHVS	PERM. OVERHEAD VMS	⊞	UUB	UNKNOWN, BOX	⊕	MPMM	PT., MONUMENT, MISC.
⊙	APVI	POINT OF VERT. INTERSECTION	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IPASCS	PORT. ACC. SPD & CNT SNSR.	⊞	UUB	UNKNOWN, BOX	⊕	MPN	PT., NAIL
△	APVRC	POINT OF VERT. REVERSE CURVE	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IPEDS	PEDESTRIAN SIGNAL HEAD	⊞	UUB	UNKNOWN, BOX	⊕	MPRS	PT., RAILROAD SPIKE
⊙	APVT	POINT OF VERTICAL TANGENCY	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IPSS	PAVEMENT SURFACE SNSR.	⊞	UUB	UNKNOWN, BOX	⊕	MPSP	PT., SPIKE
⊙	ASC	SPIRAL TO CURVE	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IPVMS	PERM. VMS	⊞	UUB	UNKNOWN, BOX	⊕	MPST	PT., STAKE
△	ASPI	SPIRAL POINT OF INTERSECTION	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IRM	RAMP METER	⊞	UUB	UNKNOWN, BOX	⊕	MPTW	PT., TREE W/ WIRE
○	ASTS	SPIRAL TO SPIRAL	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IRWIS	RDWY WEATHER INFO. SNSR.	⊞	UUB	UNKNOWN, BOX	⊕	MPWL	PT., WALL LOCATION
⊗	AST	SPIRAL TO TANGENT	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	ISP	SOLAR PANEL	⊞	UUB	UNKNOWN, BOX	⊕		
⊗	ATS	TANGENT TO SPIRAL	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	ISST	SPREAD SPECT. TRANSCEIVER	⊞	UUB	UNKNOWN, BOX	⊕		
△	AVEVT	VERTICAL EVENT POINT	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	ITDB	TELEPHONE DEMARCATION BLK	⊞	UUB	UNKNOWN, BOX	⊕		
○	AVHIGH	VERTICAL HIGH POINT	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	ITP	SUBSURFACE TEMP. PROBE	⊞	UUB	UNKNOWN, BOX	⊕		
○	AVLOW	VERTICAL LOW POINT	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IVTRT	VEHICLE TO RDWY TRANCEIVER	⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IWIMD	WEIGHT IN MOTION DETECTOR	⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IWVRC	WIRELESS VIDEO RECEIVER	⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IWVTT	WIRELESS VIDEO TRANSMITTER	⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
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			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
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			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
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			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞	IMSCS	PORT. SPEED & COUNT SENS	⊞			⊞	UUB	UNKNOWN, BOX	⊕		
			⊞	IMSCS	PORT. SPEED												



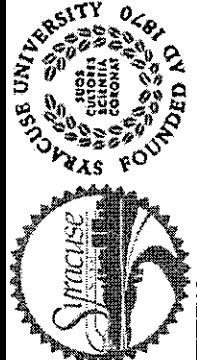
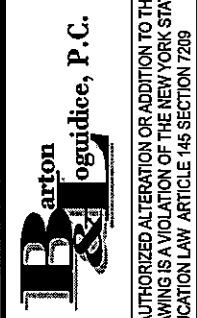




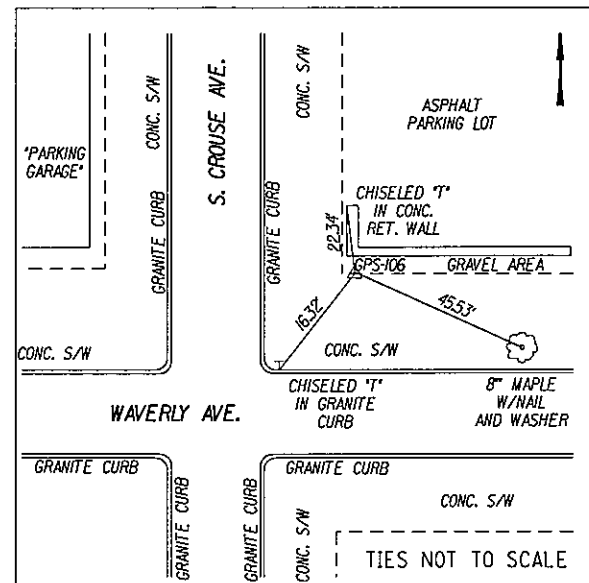
IN CHARGE OF JPD DESIGN BY MCB CHECKED BY JPD/CAW ESTIMATED BY GLE CHECKED BY MCB DRAFTED BY PJZ CHECKED BY CRW

ITEM NO.	DESCRIPTION	UNIT	ESTIMATED QUANTITY	ACTUAL QUANTITY
680.5604-03	EMERGENCY PREEMPTION SYSTEM - DETECTOR CABLE	LF	555	
680.5605008	RE-INSTALL EMERGENCY PREEMPTION SYSTEM	EA	3	
680.600533	TRAFFIC SIGNAL POLE, SPAN WIRE, DESIGN LOAD 5000 LBS., POLE LENGTH 33 FT.	EA	1	
680.6812	TRAFFIC SIGNAL POLE - BRACKET MOUNT, 12 FT. POLE LENGTH	EA	24	
680.7002	DUAL SPAN WIRE WITH UPPER TETHER	EA	1	
680.700604	RISER ASSEMBLY, 1 1/2 INCH DIAMETER	EA	4	
680.71	SHIELDED LEAD-IN CABLE	LF	1050	
680.72	INDUCTANCE LOOP WIRE	LF	5005	
680.730214	SIGNAL CABLE, 2 CONDUCTOR, 14 AWG	LF	3325	
680.730414	SIGNAL CABLE, 4 CONDUCTOR, 14 AWG	LF	295	
680.730514	SIGNAL CABLE, 5 CONDUCTOR, 14 AWG	LF	2710	
680.731514	SIGNAL CABLE, 15 CONDUCTOR, 14 AWG	LF	135	
680.77-03	MODIFY TRAFFIC SIGNAL EQUIPMENT	LS	1	
680.78-01	MODIFY AND REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	4	
680.79-03	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	1	
680.810101	TRAFFIC SIGNAL MODULE, 12IN RED BALL, LED	EA	16	
680.810103	TRAFFIC SIGNAL MODULE, 12IN YELLOW BALL, LED	EA	16	
680.810105	TRAFFIC SIGNAL MODULE, 12IN GREEN BALL, LED	EA	16	
680.810107	TRAFFIC SIGNAL SECTION - TYPE I, 12IN	EA	50	
680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	6	
680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY - 2 WAY	EA	5	
680.8120	TRAFFIC SIGNAL DISCONNECT HANGER	EA	11	
680.813105	PEDESTRIAN SIGNAL MODULE - 12 IN BI-MODAL, HAND-MAN SYMBOL, LED	EA	26	
680.813106	PEDESTRIAN SIGNAL SECTION, POLYCARBONATE, TYPE I, 12IN	EA	52	
680.8131-03	AUDIBLE PEDESTRIAN SIGNAL	EA	26	
680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	25	
680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	1	
680.8150-10	PEDESTRIAN COUNTDOWN TIMER MODULE	EA	26	
680.8210	OVERHEAD SIGN ASSEMBLY, TYPE J	EA	11	
680.8226	PEDESTRIAN PUSHBUTTON AND SIGN - WITH POST	EA	6	
680.8250-09	PREEMPT SYSTEM OPTICAL DETECTOR - SINGLE CHANNEL, ONE DIRECTION (SPAN WIRE)	EA	3	
680.82514009	PREEMPTION SYSTEM - TYPE 1 PHASE SELECTOR, 4 CHANNELS	EA	3	
680.82540009	PREEMPTION SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR WITH STANDARD GOUND, AWG #20	LF	120	
680.9001-70	COMBINATION METER SOCKET	EA	4	
685.11	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	8010	
685.12	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES - 20 MILS	LF	4780	
685.13	WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS - 0.51 MM	EA	45	
685.14	WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS - 20 MILS	EA	68	
688.0502-70	METHACRYLATE AREA MARKINGS	SY	1730	
697.03	FIELD CHANGE PAYMENT (USE 5%)	DC	1	
698.04	ASPHALT ADJUSTMENT	DC	100	
698.05	FUEL ADJUSTMENT	DC	100	
698.06	STEEL/IRON PRICE ADJUSTMENT	DC	100	
699.040001	MOBILIZATION (USE 4%)	LS	1	

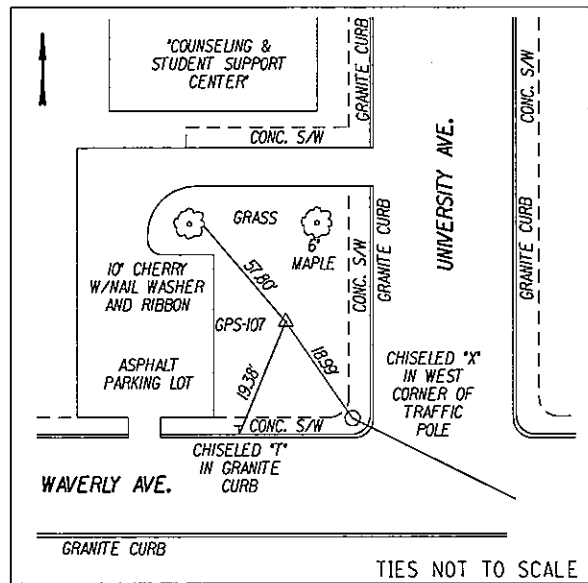
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON : APR. 2011

NO. DATE BY REVISION		7 127	
			
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
CITY OF SYRACUSE		ONONDAGA COUNTY	
CONTRACT 1		P.I.N. 3754.46	
ESTIMATE OF QUANTITIES			
SCALE: NONE			
DATE ISSUED: 4/2011			
DRAWING			
QUAN-2			

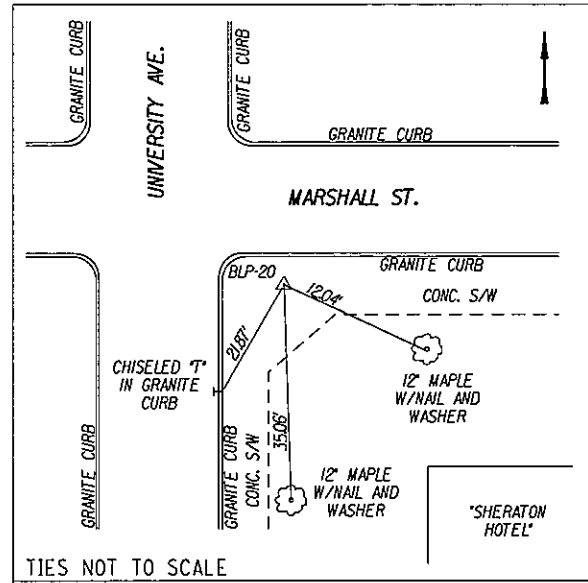
UNAUTHORIZED ALTERATION OR ADDITION TO THIS  
 DRAWING IS A VIOLATION OF THE NEW YORK STATE  
 EDUCATION LAW ARTICLE 46 SECTION 7209



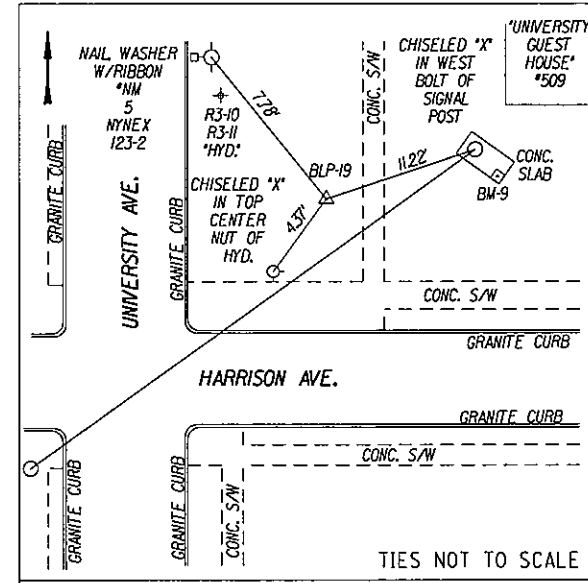
STA. B 1+00.00 (GPS-106)  
 8" DOCK SPIKE SET IN GRAVEL STRIP +/-12' OFF NORTH EDGE OF WAVERLY AVE AND +/-15' EAST OF THE WAVERLY AVE AND S. CROUSE ST. INTERSECTION.  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 17667.21  
 E: 24174.19



STA. B 6+06.86 (GPS-107)  
 8" DOCK SPIKE SET IN GRASS +/-20' OFF THE NORTH EDGE OF WAVERLY AVE. AND +/-25' WEST OF THE UNIVERSITY AVE AND WAVERLY AVE INTERSECTION.  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 17669.24  
 E: 24681.05



STA. B 9+56.71 (BLP-20)  
 8" DOCK SPIKE SET IN CONC. S/W JOINT +/-5' OFF SOUTH EDGE OF MARSHALL ST. AND +/-50' WEST FROM THE NORTHERLY CORNER OF THE SHERATON HOTEL  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 18009.85  
 E: 24760.89

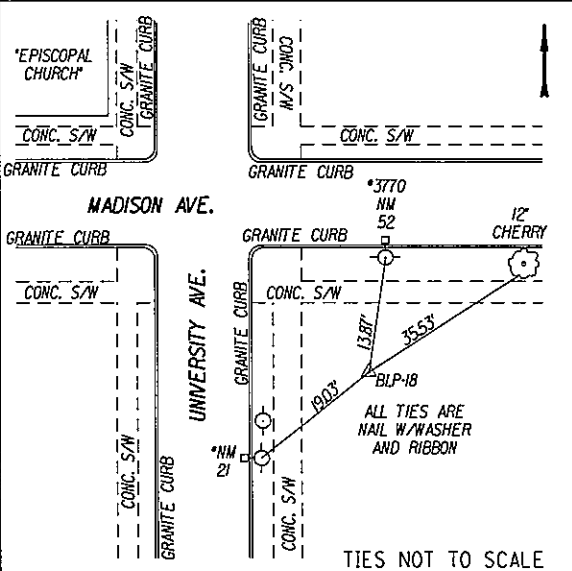


STA. B 19+47.45 (BLP-19)  
 8" DOCK SPIKE SET +/-7' OFF EAST EDGE OF UNIVERSITY AVE. AND +/-30' WESTERLY FROM THE SOUTHWESTERN CORNER OF THE "UNIVERSITY GUEST HOUSE" BLDG. #509  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 19000.59  
 E: 24760.78

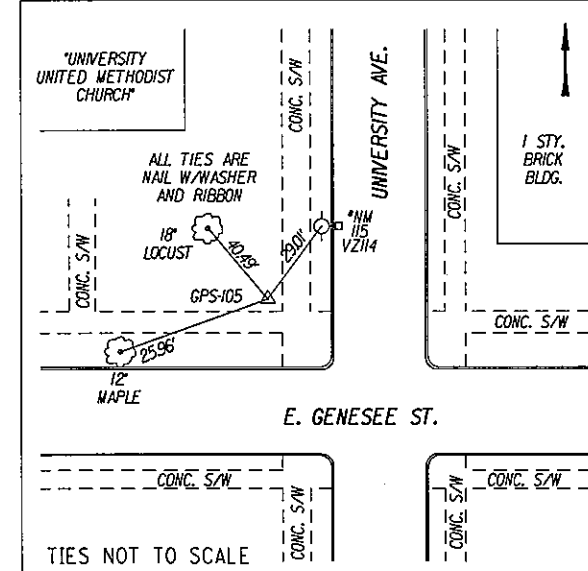
VERTICAL DATUM: CITY OF SYRACUSE (ASSUMED)

BM	STA.	OFF.	DESCRIPTION	ELEV.
9	B 19+40.7	15.2' RT.	CHISELED BOX CUT IN A CONCRETE PAD AROUND A TRAFFIC SIGNAL POLE LOCATED +/-10' NORTH OFF THE EDGE OF HARRISON ST. AND +/-15' OFF THE EAST EDGE OF UNIVERSITY AVE.	109.25'
10	B 0+99.9 FTPB	5.1' LT.	CHISELED BOX CUT IN THE WESTERLY END OF A CONCRETE RETAINING WALL LOCATED +/-15' OFF NORTH EDGE OF WAVERLY AVE AND +/-15' OFF EAST EDGE OF S. CROUSE AVE. AT THE WAVERLY AVE. AND S. CROUSE AVE. INTERSECTION.	148.56'

FTPB-FORWARD TANGENT PRODUCED BACK



STA. B 23+13.76 (BLP-18)  
 8" DOCK SPIKE SET ALONG BACK EDGE OF THE CONC. S/W +/-10' OFF SOUTH EDGE OF MADISON AVE. AND +/-100' S/E OF THE SOUTHEASTERN CORNER OF THE EPISCOPAL CHURCH.  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 19366.63  
 E: 24774.94

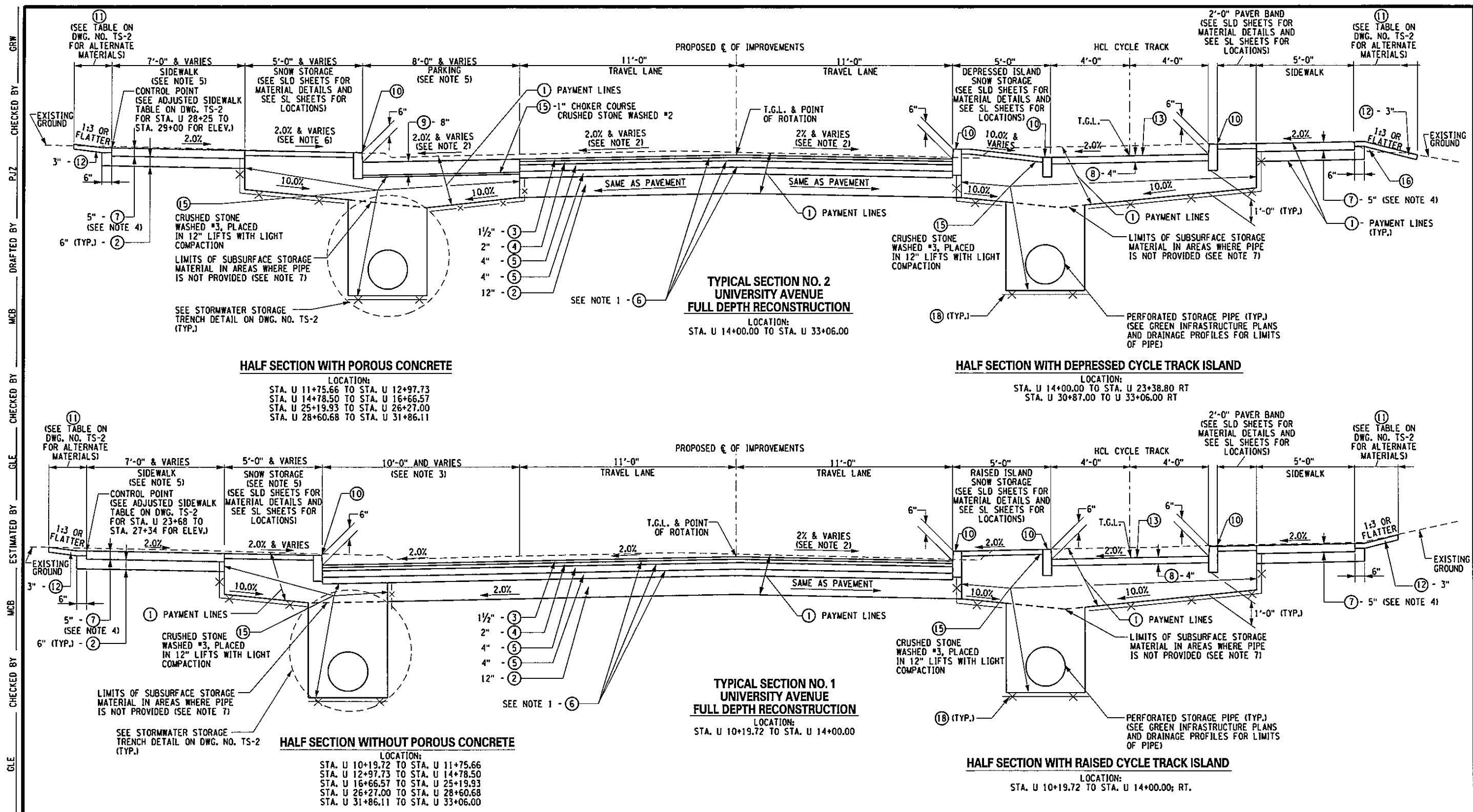


STA. B 29+34.78=STA.34+68.92 (GPS-105)  
 8" DOCK SPIKE SET IN THE GRASS +/-15' OFF THE NORTH EDGE OF E. GENESEE ST. AND +/-20' WEST OF THE INT. OF E. GENESEE ST. AND UNIVERSITY AVE.  
 \*\*CITY OF SYRACUSE DATUM (ASSUMED)\*\*  
 N: 19984.65  
 E: 24713.91

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

NO. DATE BY REVISION	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1	
P.I.N. 3754.46 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
BASELINE TIES AND BENCHMARKS SCALE: NONE DATE ISSUED: 4/2011 DRAWING: BLT-1	

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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

KEY	ITEM NO.	DESCRIPTION	UNITS	KEY	ITEM NO.	DESCRIPTION	UNITS	NOTES
①	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	⑪	610.0203	ESTABLISHING TURF	ACRE	1. TACK COAT SHALL BE APPLIED BETWEEN ALL LIFTS OF ASPHALT PER NYS DOT STANDARD SPECIFICATIONS. 2. PAVEMENT CROSS SLOPES VARY. SEE DWG. NOS. PR-1 AND PR-2 FOR SUPERELEVATION DIAGRAMS. 3. SEE DWG. NO. MD-3 FOR CONCRETE BUS BAY PAD DETAIL. SEE DWG. NOS. PL-1 TO PL-6 FOR BUS BAY PADS, PARKING AND TURNING LANE LOCATIONS. 4. CONCRETE SIDEWALK SHALL HAVE 5" DEPTH OF WHICH FIRST COURSE (ROUGH FINISH) OF 4" IS PLACED ON COMPACTED SUBBASE AND THE TOP COURSE TO BE 1" MORTAR TOPPING WITH BROOM FINISH. 5. REFER TO DWG. NOS. PL-1 TO PL-6 FOR TAPERS AND WIDTHS. 6. SNOW STORAGE CROSS SLOPE AT STATIONS U 15+00 TO U 16+56 IS 1.0%. 7. REFER TO GREEN INFRASTRUCTURE PLANS (DWG. NOS. GI-1 TO GI-6) FOR LIMITS OF SUBSURFACE STORAGE MATERIAL.
②	304.15	SUBBASE COURSE, OPTIONAL TYPE	CY	⑫	613.02	PLACING TOP SOIL - TYPE A	CY	
③	402.127302	12.5 F3 TOP COURSE HMA, 70 SERIES COMPACTION	TON	⑬	688.0502--70	METHACRYLATE AREA MARKINGS	SY	
④	402.197902	19 F9 BINDER COURSE HMA, 70 SERIES COMPACTION	TON	⑮	623.12	CRUSHED STONE (IN-PLACE MEASURE)	CY	
⑤	402.377902	37.5 F9 BASE COURSE HMA, 70 SERIES COMPACTION	TON	⑯	203.03	EMBANKMENT IN PLACE	CY	
⑥	407.0101	TACK COAT	GAL	⑰	207.21	GEOTEXTILE SEPARATION	SY	
⑦	608.0101--70	CONCRETE SIDEWALKS	CY					
⑧	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS, BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON					
⑨	502.0050--70	8" POROUS RIGID CONCRETE	CY					
⑩	609.0203	GRANITE CURB TYPE C (SEE DETAIL ON DWG. NO. TS-2)	FT					

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CHECKED BY: GRW  
 P.J.Z  
 MCB  
 GLE  
 MCB  
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 JPD

DESIGN BY: JPD  
 IN CHARGE OF: JPD

NO. DATE BY REVISION

UNIVERSITY OF THE STATE OF NEW YORK  
 STATE ENGINEERING BOARD  
 SYRACUSE UNIVERSITY  
 FOUNDED 1828

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 P.I.N. 3754.46  
 CONTRACT 1

UNIVERSITY AVENUE  
 TYPICAL SECTION

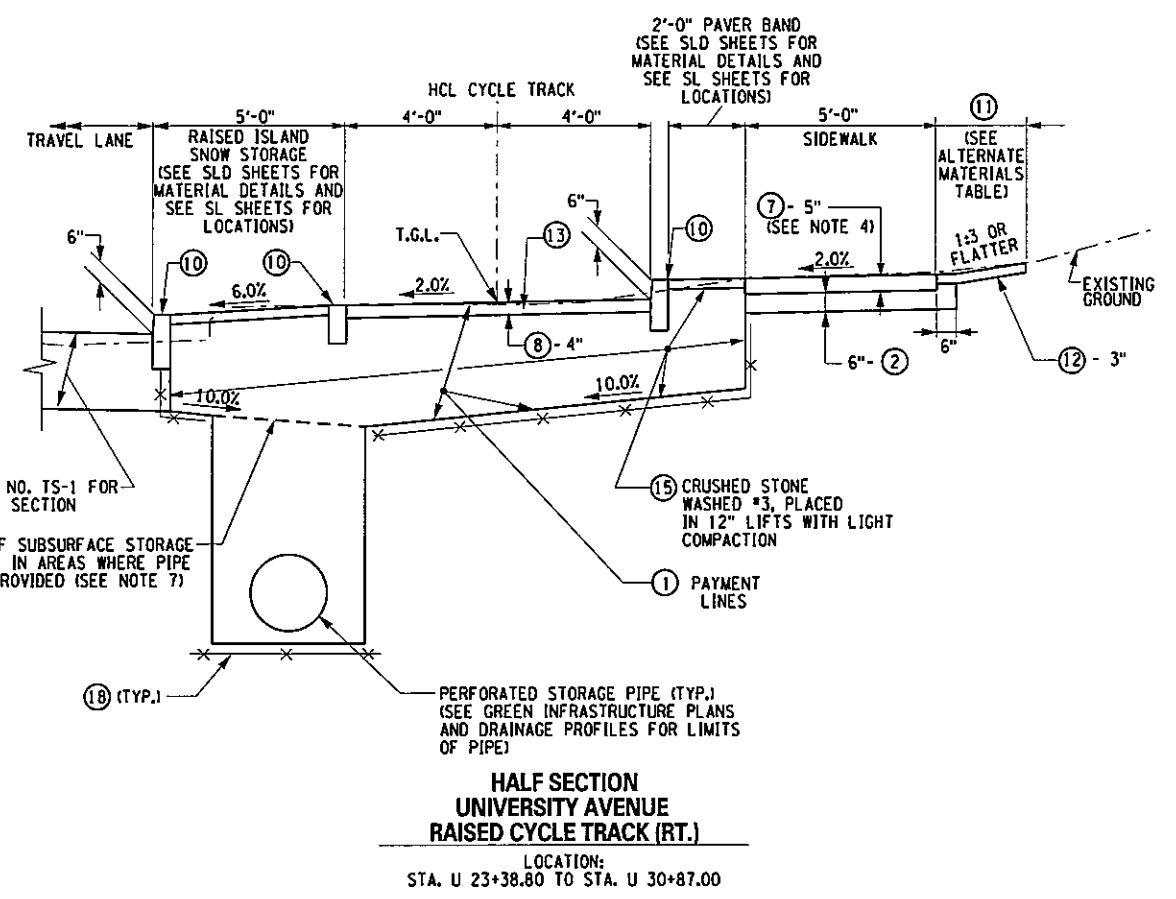
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 TS-1



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**ADJUSTED SIDEWALK TABLE BETWEEN HARRISON ST. AND MADISON ST.**

STATION	OFFSET	ELEVATION	COMMENT
U 23+68	31' LT.	107.00'	
U 23+75	31' LT.	106.95'	
U 24+00	31' LT.	106.02'	
U 24+25	31' LT.	104.72'	
U 24+50	31' LT.	103.37'	
U 24+75	31' LT.	101.95'	
U 25+00	31' LT.	100.52'	
U 25+25	31' LT.	99.09'	
U 25+50	31' LT.	97.94'	
U 25+75	31' LT.	96.95'	
U 26+00	31' LT.	95.72'	
U 26+25	31' LT.	94.51'	
U 26+32.68	31' LT.	93.64'	MATCH EXISTING LATERAL SIDEWALK AND STAIRS
U 26+40.03	31' LT.	93.44'	MATCH EXISTING LATERAL SIDEWALK AND STAIRS
U 26+50	31' LT.	92.64'	
U 26+61.17	31' LT.	91.42'	SOUTH EDGE DWAY 10
U 26+72.17	31' LT.	90.73'	NORTH EDGE DWAY 10 BEGIN SIDEWALK RISE
U 26+75	31' LT.	90.79'	
U 26+77.17	31' LT.	90.84'	END SIDEWALK RISE FOR DRIVEWAY 10
U 27+00	31' LT.	89.47'	
U 27+25	31' LT.	87.26'	
U 27+34	31' LT.	86.34'	

**ADJUSTED SIDEWALK TABLE STA. U 28+25 TO STA. U 29+00; LT.**

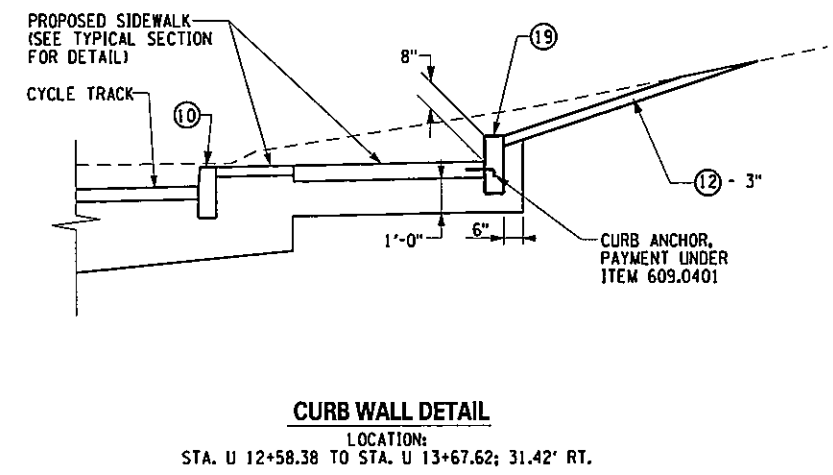
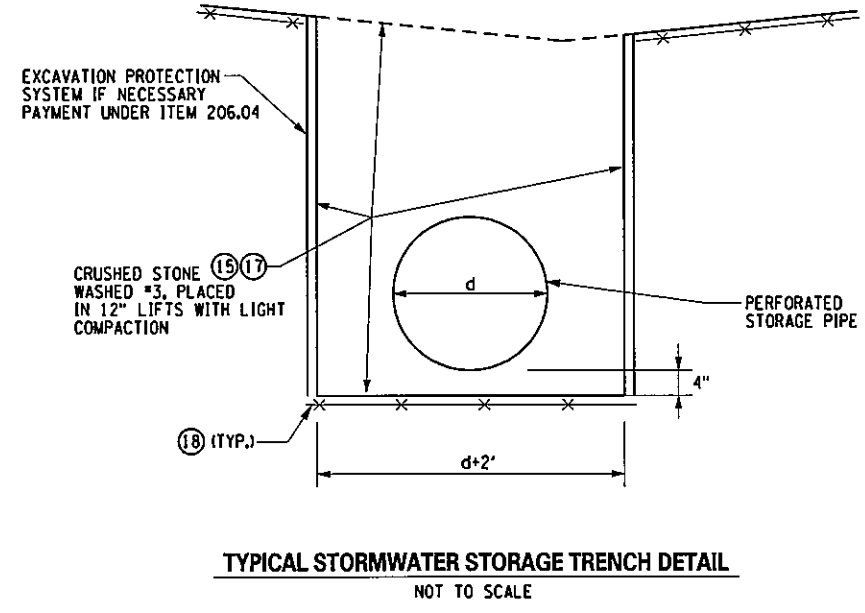
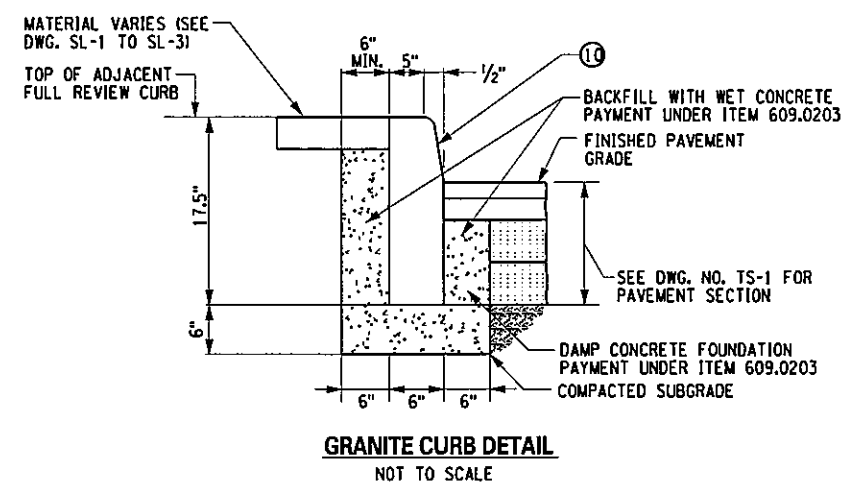
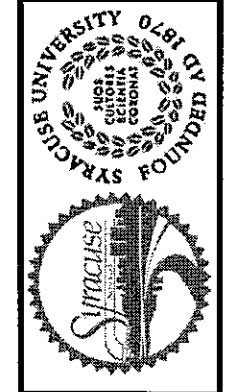
STATION	OFFSET	ELEVATION
U 28+25	29' LT.	84.02'
U 28+50	29' LT.	83.81'
U 28+75	29' LT.	83.64'
U 29+20	29' LT.	83.19'

**ALTERNATE MATERIALS BEHIND SIDEWALK**

LOCATION		SIDE	WIDTH	MATERIAL
FROM	TO			
U 12+42	U 12+69	LT	2'-0"	CONCRETE WALK
U 13+83	U 14+85	LT	2'-0"	BRICK PAVERS
U 14+85	U 15+93	LT	1'-0"	CONCRETE WALK
U 15+93	U 16+56	LT	2'-0"	CONCRETE
U 16+56	ADAMS ST.	LT	2'-0"	CONCRETE
HARRISON ST.	U 25+93	LT	1'-0"	ASPHALT PARKING LOT/CONCRETE BLOCK
U 11+80	U 12+20	RT	2'-0"	ASPHALT
MARSHALL ST.	U 14+67	RT	2'-0"	PAVERS
U 15+78	U 16+09	RT	1'-0"	PAVERS
U 18+13	U 18+57	RT	1'-0"	CONCRETE/STEPS
U 22+64	U 22+74	RT	8'-0"	CONCRETE
U 26+60	U 26+71	RT	1'-0"	CONCRETE/STEPS

NO. DATE BY REVISION

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PREPARED BY: BARTON & LOGUIDICE, P.C.  
ON: APR. 2011

KEY	ITEM NO.	DESCRIPTION	UNITS	KEY	ITEM NO.	DESCRIPTION	UNITS
1	203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY	18	207.21	GEOTEXTILE SEPARATION	SY
2	304.15	SUBBASE COURSE, OPTIONAL TYPE	CY	19	609.0401	CAST IN PLACE CONCRETE CURB, TYPE VF-150	FT
7	608.0101--70	CONCRETE SIDEWALKS	CY				
8	608.020102	HOT MIX ASPHALT (HMA) SIDEWALKS, DRIVEWAYS, BICYCLE PATHS, AND VEGETATION CONTROL STRIPS	TON				
10	609.0203	GRANITE CURB TYPE C	FT				
11	610.0203	ESTABLISHING TURF	ACRE				
12	613.02	PLACING TOP SOIL - TYPE A	CY				
13	688.0502--70	METHACRYLATE AREA MARKINGS	SY				
15	623.12	SUBSURFACE STORAGE MATERIAL CRUSHED STONE WASHED #3	CY				
17	206.04	TRENCH AND CULVERT EXCAVATION - O.G.	CY				

**NOTES**

4. CONCRETE SIDEWALK SHALL HAVE 5" DEPTH OF WHICH FIRST COURSE (ROUGH FINISH) OF 4" IS PLACED ON COMPACTED SUBBASE AND THE TOP COURSE TO BE 1" MORTAR TOPPING WITH BROOM FINISH.

7. REFER TO GREEN INFRASTRUCTURE PLANS (DWG. NOS. GI-1 TO GI-6) FOR LIMITS OF SUBSURFACE STORAGE MATERIAL.

**Barton & Loguidice, P.C.**

EAST GENESSEE STREET CONNECTIVE CORRIDOR  
CITY OF SYRACUSE  
ONONDAGA COUNTY  
P.I.N. 3754.46  
CONTRACT 1

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

UNIVERSITY AVENUE TYPICAL SECTION  
SCALE: 1"=5'  
DATE ISSUED: 4/2011  
DRAWING TS-2

1. GENERAL

- A. THE CONTRACTOR SHALL MAINTAIN TRAFFIC THROUGHOUT THE LENGTH AND DURATION OF THE CONTRACT IN ACCORDANCE WITH THE REQUIREMENTS SECTION 619 OF THE STANDARD SPECIFICATIONS AND THE WORK TRAFFIC DETAILS IN THE PLANS AND PROPOSAL OR AOB.
- B. FOR TYPICAL APPLICATIONS OF TRAFFIC CONTROL DEVICES IN CONSTRUCTION AREAS NOT SPECIFIED IN THE PROPOSAL, THE PROVISIONS OF THE MUTCD AND THE NEW YORK STATE SUPPLEMENT, ALL APPLICABLE REVISIONS SHALL APPLY. THE STANDARDS OF APPLICATION NOTED THEREIN AND ON THE PROPOSAL ARE TO BE CONSIDERED MINIMAL STANDARDS. WHERE OPTIONS EXIST FOR SIGN SHAPE, THE DIAMOND SHAPE SHALL BE USED.
- C. PRIOR TO ANY WORK ZONE SET-UP THE ENGINEER SHALL DETERMINE THE ACCEPTABILITY OF ALL SIGNS, TRAFFIC CONTROL DEVICES AND WORK ZONE TRAFFIC CONTROL DEVICES.
- D. PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN SHALL BE SUBMITTED FOR THE REVIEW AND APPROVAL BY THE REGIONAL TRAFFIC ENGINEER 30 DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH REVISIONS.
- E. ANY AND ALL WORK RELATED TO WORK ZONE TRAFFIC CONTROL IS CONSIDERED SKILLED AND SPECIALIZED WORK. ALL WORKERS ENGAGED IN WORK ZONE TRAFFIC CONTROL WORK SHALL HAVE SUFFICIENT EXPERIENCE IN SUCH WORK TO SATISFACTORILY PERFORM IT. IDENTIFICATION OF EACH WORKER, ALONG WITH DOCUMENTATION OF EXPERIENCE, SHALL BE PROVIDED TO THE ENGINEER PRIOR TO THE WORKER ENGAGING IN WORK ZONE TRAFFIC CONTROL. THE TRAFFIC CONTROL SUPERVISOR SHALL BE IN COMPLIANCE ACCORDING TO SECTION 619.3.20 OF THE STANDARD SPECIFICATION. DETERMINATION OF COMPETENCY AND DISCHARGING OF INDIVIDUALS SHALL BE AS PER SECTION 105-02 OF THE STANDARD SPECIFICATION.
- F. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE FACT THAT THESE HIGHWAYS WILL BE DESIGNATED AS RESTRICTED UNDER THIS CONTRACT.

2. LANE CLOSURES

- A. THE CONTRACTOR SHALL SCHEDULE WORK SO THAT ALL TRAVEL LANES IN EACH DIRECTION ARE OPEN WHEN THE CONTRACTOR'S OPERATIONS ARE CLOSED DOWN OR SUBSTANTIALLY CLOSED DOWN. THE MINIMUM WIDTH OF A TRAVEL LANE SHALL BE 10.0 FT UNLESS OTHERWISE SHOWN IN THE PLANS OR PROPOSAL.
- B. NO WORK REQUIRING THE CLOSING OF LANES SHALL BE PERMITTED ON THE FOLLOWING HOLIDAYS:
  - 05/28/2011-05/30/2011 - MEMORIAL DAY
  - 07/02/2011-07/04/2011 - INDEPENDENCE DAY
  - 09/03/2011-09/05/2011 - LABOR DAY
  - 09/18/2011 - TEMPLE CONCORD 100TH ANNIVERSARY (BLOCK OF HARRISON AND MADISON)
  - 09/28/2011-09/29/2011 - ROSH HASHANAH (BLOCK OF HARRISON AND MADISON)
  - 10/07/2011-10/10/2011 - COLUMBUS DAY/YOM KIPUR (BLOCK OF HARRISON AND MADISON)
  - 11/24/2011-11/27/2011 - THANKSGIVING DAY
  - 12/24/2011-12/26/2011 - CHRISTMAS
  - 12/31/2011-01/02/2011 - NEW YEARS
- C. IF, IN THE OPINION OF THE ENGINEER LANE CLOSURES ARE CREATING SIGNIFICANT DELAYS TO TRAFFIC OR ARE CREATING A SAFETY CONCERN DUE TO SLOWED OR STOPPED TRAFFIC, AFFECTED LANE CLOSURES SHALL BE REMOVED AND THE ROADWAY OPENED TO TRAFFIC AS DIRECTED BY THE ENGINEER.

3. INTERSECTIONS

- A. THE CONTRACTOR SHALL MAINTAIN INTERSECTIONS WITH FLAGGERS AND TEMPORARY STOP SIGNS ON ALL APPROACHES DURING SIGNAL INSTALLATION OR ADJUSTMENT. PAYMENT UNDER ITEM 619.01.
- 4. WORK AREA COORDINATION
  - A. WHEN TWO OR MORE WORK AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK WITH ANY, UTILITY WORK, SUBCONTRACTOR WORK, PUBLIC MAINTENANCE OPERATIONS OR OTHER CONSTRUCTION ACTIVITIES IN THE AREA TO ENSURE THAT THERE ARE NO WORK ZONE TRAFFIC CONTROL CONFLICTS, SIGNING AND LANE CONTINUITY, AND THAT WORK ZONE TRAFFIC CONTROL IS PER STANDARDS.
  - B. ALL VEHICLES, EQUIPMENT, WORKERS AND ACTIVITIES SHALL BE RESTRICTED TO ONE SIDE OF THE ROADWAY AT A TIME, UNLESS OTHERWISE SHOWN IN THE PLANS OR PROPOSAL.
  - C. THE CONTRACTOR SHALL COORDINATE ALL CONTRACT WORK WITH ANY ADJACENT PROJECTS, INCLUDING THOSE LISTED UNDER THE PROJECT COORDINATION NOTE ON DWG. NO. GN-1, TO ENSURE THERE ARE NO WORK ZONE TRAFFIC CONTROL CONFLICTS, SIGNING AND LANE CONTINUITY, AND THAT WORKZONE TRAFFIC CONTROL IS PER STANDARDS.

5. CONES, DRUMS, BARRICADES AND MARKERS

- A. ALL CHANNELIZING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM OF 2.0 FT MIN. CLEARANCE TO THE TRAVELED WAY UNLESS OTHERWISE SHOWN ON THE PLANS. WHERE POSSIBLE ALATERAL BUFFER SPACE OF 2.0 FT MIN. SHOULD BE PROVIDED BETWEEN THE WORK SPACE AND THE LINE OF DELINEATION DEVICES.
- B. LONGITUDINAL SPACING SHALL BE 40 FT FOR POSTED SPEED LIMITS OVER 40 MPH AND 20 FT FOR SPEED LIMITS 40 MPH AND UNDER. THROUGHOUT THE WORK ZONE, REDUCED SPACING MAY BE REQUIRED AS SHOWN IN THE PLANS, SPECIFICATIONS OR AOB.
- C. WHEN CLOSING A ROADWAY, TYPE III BARRICADES SHALL BE PLACED CONTINUOUSLY FROM EDGE OF CURB/SHOULDER TO EDGE OF CURB/SHOULDER, COMPLETELY CLOSING THE ROADWAY. BARRICADES TO THE RIGHT OF THE ROADWAY CENTERLINE SHALL BE STRIPED DOWNWARD TO THE LEFT AND BARRICADES TO THE LEFT OF THE ROADWAY CENTERLINE SHALL BE STRIPED DOWNWARD TO THE RIGHT. FOR OVERNIGHT USE, EACH BARRICADE SHALL BE EQUIPPED WITH "TYPE A" LIGHTING. PVC BARRICADES SHALL HAVE THE BATTERY PACKS LOCATED AT GROUND LEVEL. WHEN CLOSING A ROADWAY TO THRU TRAFFIC, TYPE III BARRICADES SHALL BE STRIPED DOWNWARD TO THE SIDE LOCAL TRAFFIC IS TO PASS.
- D. DRUMS OR VERTICAL PANELS (8" x 36" OR 12" x 24") SHALL BE USED DURING THE HOURS OF DARKNESS. "TYPE B" LIGHTS SHALL BE REQUIRED ON THE FIRST DEVICE AND ON THE FIRST DEVICE AFTER EACH INTERSECTION.
- E. THE COST OF ANY DELINEATION AND GUIDING DEVICES (CONES, DRUMS, ETC.) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

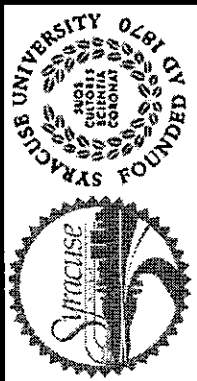
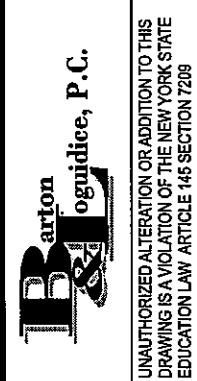
6. SIGNS

- A. BLANK COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED.
- B. WHERE SHOULDER WIDTHS ARE LIMITED AND SIGNS CAN NOT BE ERECTED BEYOND THE SHOULDER, TEMPORARY SIGNS MAY NEED TO BE MOUNTED ON CONCRETE MEDIAN BARRIER OR BRIDGE PARAPETS, ETC.. PRIOR TO ERECTING THOSE SIGNS THE CONTRACTOR SHALL PROVIDE MOUNTING DETAILS TO AND RECEIVE APPROVAL FROM THE ENGINEER. SIGNS SHALL NOT ENCRACH MORE THAN 4" INTO SHOULDERS USED BY PEDESTRIANS OR BICYCLES.
- C. ANY CONSTRUCTION SIGNS DEEMED NECESSARY BY THE ENGINEER AND ARE NOT IN THE PLAN OR PROPOSAL, SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- D. SIGNS SHALL BE MOUNTED AS SHOWN IN CHAPTER 6F OF THE MUTCD AND THE NEW YORK STATE SUPPLEMENT.
- E. ALL SIGNS NECESSARY FOR THE WORK ZONE TRAFFIC CONTROL (INCLUDING RELOCATION AND/OR MODIFICATION AND/OR RESTORATION OF EXISTING) AS NOTED IN THE PLANS, STANDARD SPECIFICATIONS, MUTCD, NEW YORK STATE SUPPLEMENT OR AOB SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.

7. BUMPS

- A. THE CONTRACTOR SHALL TAKE ALL ACTION AS DIRECTED BY THE ENGINEER, TO ELIMINATE BUMPS, WHICH ARE DEFINED AS, A PAVEMENT CONDITION CONSIDERED BY THE ENGINEER TO BE SUFFICIENTLY ABRUPT ENOUGH TO CAUSE CONSIDERABLE DISCOMFORT, CARGO SHIFTING, OR DEFLECTION OF A VEHICLE FROM ITS TRUE COURSE AT PREVAILING DRIVING SPEEDS. ONLY WHEN IT IS NOT POSSIBLE OR FEASIBLE IN THE OPINION OF THE ENGINEER TO ELIMINATE A BUMP, SHALL A BUMP BE ALLOWED TO REMAIN.
- B. BUMPS SHALL BE RAMPED AT A MINIMUM RATE OF, SPEED LIMIT HORIZONTAL TO 1 VERTICAL, (IE; 55 HORIZONTAL TO 1 VERTICAL FOR 55 MPH).
- C. W8-1 "BUMP" SIGNS SHALL BE PLACED ON ALL APPROACHES TO A BUMP OR DIP, CAUSED BY CONSTRUCTION OPERATIONS (IE; ROAD PLATES, MILLED PAVEMENT TERMINATION, ETC.) PER TABLE NY2C-4. NUMEROUS BUMPS OR DIPS SHALL WARRANT THE USE OF W8-8 "ROUGH ROAD" SIGNS, INSTEAD OF THE W8-1 SIGN. W8-8 SIGNS SHALL BE SUPPLEMENTED WITH W16-4 "NEXT XXX FEET" PANELS AND POSTED ON THE MAINLINE IN ADVANCE OF THE CONDITION AND REPEATED AT EACH INTERSECTION. THE COST OF THE ASSOCIATED SIGNS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- D. AN OMI-3 MARKER SHALL BE LOCATED RIGHT AT OR IMMEDIATELY IN ADVANCE OF THE BUMP AND SHALL BE USED IN CONJUNCTION WITH THE W8-1 SIGN, AND EQUIPPED WITH A "TYPE B" WARNING LIGHT.
- 8. PUBLIC INGRESS AND EGRESS
  - A. THE CONTRACTOR SHALL PROVIDE PROPERTY OWNERS WITH PROPER ACCESS AS SHOWN IN THE PLANS AND AOB, TO THEIR DRIVEWAYS AND SHALL MAINTAIN THEM THROUGH ALL PHASE WORK AREAS AND SHALL DELINEATE THEM BY MEANS OF SIGNS AND CHANNELIZING DEVICES AOB. THE COST FOR SIGNS AND OTHER WORK ZONE TRAFFIC CONTROL (CONES, DRUMS, STEEL ROAD PLATES, ETC.) SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
  - B. WHERE DIRECT ACCESS TO DRIVEWAYS IS NOT POSSIBLE DUE TO NECESSARY CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL PLAN ALTERNATE MEANS OF ACCESS AND SUBMIT SUCH PLANS TO THE ENGINEER FOR APPROVAL. PROPERTY OWNERS/OCCUPANTS SHALL HAVE 24 HOUR NOTICE OF ANY CHANGES. COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
  - C. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE HIGHWAY WITHIN THE TEMPORARY TRAFFIC CONTROL ZONE, ADDITIONAL TRAFFIC CONTROL DEVICES SHALL BE ERECTED AND FLAGGERS POSTED AT APPROPRIATE LOCATIONS OR AOB. ALL COSTS INVOLVED SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- 9. CONSTRUCTION INGRESS AND EGRESS
  - A. VEHICLES, MATERIALS AND/OR EQUIPMENT, INCLUDING OUT OF SERVICE SIGNS, SHALL NOT BE PARKED OR STORED WITHIN 30 FT OF A ROADWAY USED BY THE GENERAL PUBLIC, OR ANY OTHER TRAVERSABLE AREAS IN WHICH AN ERRANT VEHICLE MAY STRIKE THE OBJECT.
- 10. EMERGENCY ACCESS
  - A. DURING WORK OPERATIONS ON OR NEAR SIDE ROADS AND DRIVEWAYS, THE CONTRACTOR SHALL MAINTAIN ACCESS TO THOSE SIDE ROADS AND DRIVEWAYS FOR EMERGENCY VEHICLES, AOB. EVEN WHEN THE FACILITY IS CLOSED TO NORMAL TRAFFIC.
- 11. PAVEMENT MARKINGS
  - A. PAVEMENT MARKINGS TO BE DEACTIVATED SHALL BE COVERED WITH A TAPE DESIGNATED FOR THAT PURPOSE. THE COST OF COVERING EXISTING PAVEMENT MARKINGS LINES SHALL BE PAID UNDER ITEM 619.0803. LETTER/SYMBOL MARKING SHALL BE PAID UNDER ITEM 619.0804.
  - B. THE CONTRACTOR SHALL PROVIDE PAVEMENT MARKINGS AT ALL TIMES, ON ALL PAVEMENT, WHETHER EXISTING, TEMPORARY OR NEW, UNTIL PERMANENT MARKINGS ARE INSTALLED OR RESTORED. THIS SHALL INCLUDE AT ALL LOCATIONS, EDGE LINES, CENTERLINE, LANE LINES (SOLID OR BROKEN), CHANNELIZING LINES, DOTTED LINES, PLUS ANY MARKINGS ORDERED BY THE ENGINEER. ALL MARKINGS SHALL BE APPLIED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE MUTCD AND NEW YORK STATE SUPPLEMENT AND SHALL INDICATE ACTUAL CONDITIONS AT ALL TIMES. THESE MARKINGS SHALL BE PAID FOR AS SHOWN IN THE CONTRACT PLANS.
  - C. TEMPORARY OR INTERIM PAVEMENT MARKINGS COMPRISED OF TRAFFIC MARKING PAINT SHALL BE REPAINTED AT NO ADDITIONAL COST, WHEN 10% OF THE UNDERLYING PAVEMENT IS VISIBLE THROUGH THE PAVEMENT MARKING OR WHEN THE ENGINEER DEEMS REFLECTIVITY IS INADEQUATE.
  - D. PAVEMENT MARKINGS TO BE MAINTAINED OVER THE WINTER SHALL BE PERMANENT MARKINGS, PAID UNDER ITEM 640.XX REFLECTORIZED PAINT MARKINGS.

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

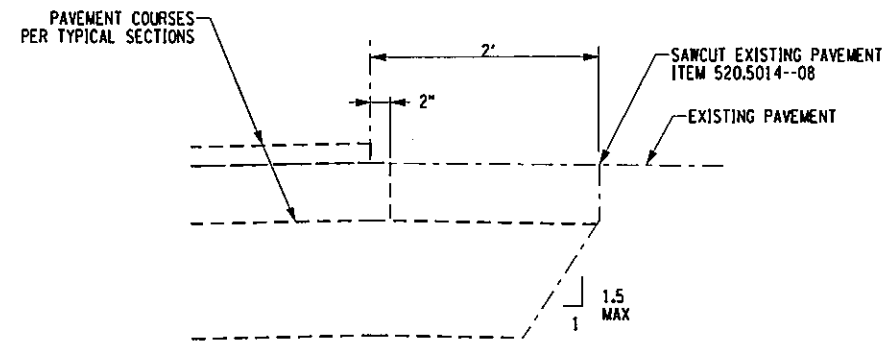
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WORK ZONE TRAFFIC CONTROL NOTES					
SCALE: N/A					
DATE ISSUED: 4/2011					
DRAWING					
WZTC-1					

12. FLAGGERS

- A. STOP/SLOW PADDLES SHALL BE USED FOR FLAGGING AND SHALL BE FABRICATED WITH ASTM TYPE IX SHEETING, SHALL BE A MINIMUM OF 2.0 FT AND SHALL CONFORM TO THE REQUIREMENTS OF STANDARD SPECIFICATION 729-05. THE COST OF THE PADDLES AND ALL FLAGGERS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- B. FLAGGERS SHALL NOT POSITION THEMSELVES DIRECTLY IN THE PATH OF ONCOMING TRAFFIC. THE FLAGGER SHALL STAND EITHER ON THE SHOULDER ADJACENT TO THE TRAFFIC BEING CONTROLLED OR IN THE CLOSED/ CHANNELIZED LANE. AT ALL TIMES THE CONTRACTOR SHALL PROVIDE FLAGGERS WITH A CLEAR ESCAPE PATH FREE OF PARKED VEHICLES, EQUIPMENT OR OTHER OBSTACLES.
- C. THE CONTRACTOR SHALL PROVIDE FLAGGERS WHERE SIGHT DISTANCE IS IMPAIRED BY THE OPERATION OR ANY OTHER SITUATION DUE TO THE PROJECT, ABOVE.
- D. FLAGGERS SHALL BE REQUIRED TO USE TWO-WAY RADIOS, WALKIE-TALKIES OR OTHER FORMS OF ENHANCED COMMUNICATION WHEN ONE FLAGGER IS NOT VISIBLE TO THE OTHER OR IF THE ENGINEER DEEMS IT NECESSARY. ALL COSTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- E. FLAGGERS SHALL USE THE FREE HAND FOR EMPHASIS AS SHOWN IN CHAPTER 6E OF THE MUTCD AND THE NEW YORK STATE SUPPLEMENT. UNDER CERTAIN GEOMETRIC AND TRAFFIC SITUATIONS, MORE THAN ONE FLAGGER MAY BE REQUIRED. EACH FLAGGER SHALL CONTROL NO MORE THAN ONE APPROACH OF TRAFFIC. MULTIPLE LANE APPROACHES SHALL BE REDUCED TO A SINGLE LANE PRIOR TO THE FLAGGER STATION.
- F. FLAGGER STATIONS SHOULD BE VISIBLE FAR ENOUGH AHEAD, TO ALLOW ALL VEHICLES TO STOP AS PER TABLE 6C-2 OF THE MUTCD. FLAGGERS SHALL BE EQUIPPED WITH AN EMERGENCY AIRHORN TO ALERT WORKERS TO AN ERRANT VEHICLE OR ANY OTHER DANGEROUS SITUATION.
- G. PRIOR TO USING A FLAGGER, THE CONTRACTOR SHALL PROVIDE THE DOCUMENTATION OF THE FLAGGER TRAINING, PER SECTION 619-3.02 OF THE STANDARD SPECIFICATION.

13. PEDESTRIANS

- A. WHERE WALKWAYS EXIST AND PEDESTRIANS CAN BE SAFELY MAINTAINED ON THEM, THEN PEDESTRIAN TRAFFIC SHALL BE MAINTAINED ON THEM.
- B. IF THE PEDESTRIAN WALKWAY IS LESS THAN 5.0 FT WIDE AND OVER 200 FT IN LENGTH THE CONTRACTOR SHALL FURNISH A 5.0 FT AREA WHERE WHEELCHAIRS CAN PASS EVERY 200 FT. THESE WALKWAYS SHALL BE A MINIMUM OF 4.0 FT, UNLESS OTHERWISE SHOWN ON THE PLANS.
- C. FOR INSTANCES OF VERY SHORT SHOULDER CLOSURES AND LOW VEHICLE AND OR PEDESTRIAN VOLUMES, IN LIEU OF IMPLEMENTING THE CHANNELIZED PEDESTRIAN WALKWAY AS SHOWN ON THE PLANS, A FLAGGER CAN BE POSTED AT THE BEGINNING OF THE SHOULDER CLOSURE. THE FLAGGER SHALL STOP ALL APPROACHING TRAFFIC AND KEEP SUCH TRAFFIC STOPPED TO ALLOW PEDESTRIANS TO PASS THE WORK AREA, ANOTHER FLAGGER WOULD BE POSTED TO ASSIST THE PEDESTRIANS IN THE TRAVERSING OF THE WORK ZONE. WHERE THE LENGTH OF THE SHOULDER CLOSURE, VOLUME OF PEDESTRIAN TRAFFIC, THE VOLUME OF VEHICULAR TRAFFIC OR OTHER FACTORS RENDER THIS TREATMENT INEFFECTIVE, AS DETERMINED BY THE ENGINEER, THE CHANNELIZED PEDESTRIAN WALKWAY SHALL BE IMPLEMENTED.
- D. WHERE IT IS DETERMINED BY THE ENGINEER THAT THERE IS A LIKELYHOOD OF PEDESTRIANS LEAVING THE DEDICATED WALKWAY TO CROSS THE ACTIVE LANE OF TRAFFIC, THE CHANNELIZING DEVICES SHALL BE SUPPLEMENTED WITH A R9-30 "NO PEDESTRIAN CROSSING SYMBOL" SIGN TO RESTRICT THE PEDESTRIAN MOVEMENT.
- E. SAFETY FENCE SHALL CONFORM TO SECTION 107-05 OF THE STANDARD SPECIFICATIONS AND SHALL BE INCLUDED IN THE THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
- F. THE PEDESTRIAN WALKWAY SHALL BE KEPT WITHIN THE EXISTING SHOULDER WHENEVER POSSIBLE. WHERE THIS CAN NOT BE ACCOMPLISHED, THE CENTERLINE OF THE ROADWAY SHALL BE CHANNELIZED TO MAINTAIN THE MINIMUM LANE WIDTH AND SHIFT TRAFFIC AWAY FROM THE WALKWAY. IF THE AREA OUTSIDE THE WALKWAY PRESENTS A CONSTRUCTION CONDITION OR ANY OTHER HAZARD, AS DETERMINED BY THE ENGINEER, SAFETY FENCE SHALL BE USED TO DEFINE THE OUTER LIMIT OF THE WALKWAY.



CONSTRUCTION JOINT DETAIL  
 NOT TO SCALE

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 ON: APR. 2011

14. WORK ZONE TRAFFIC CONTROL NOTIFICATION REQUIREMENTS

- A. REGION 3 HAS A WORK ZONE TRAFFIC CONTROL (WZTC) NOTIFICATION POLICY WHICH REQUIRES EIC'S TO NOTIFY THE REGIONAL TRANSPORTATION MANAGEMENT CENTER (RTMC) PRIOR TO ALLOWING A CONTRACTOR TO IMPLEMENT WORK ZONE TRAFFIC CONTROL ACTIVITIES WITHIN THE HIGHWAY RIGHT OF WAY. WORK ZONE NOTIFICATION IS REQUIRED FOR THE FOLLOWING:
    - ALL OTHER STATE HIGHWAYS: ALL LANE CLOSURES WHOS DURATION WILL BE GREATER THAN 2 HOURS AND ALL ROAD/BRIDGE CLOSURES.
  - B. THE CONTRACTOR SHALL REPORT PROPOSED WZTC ACTIVITIES NOTED ABOVE TO THE EIC BY 8:00 AM OF THE BUSINESS WEEK DAY (I.E. MONDAY THROUGH FRIDAY EXCLUDING HOLIDAYS) PRECEDING THE PROPOSED WZTC ACTIVITY. FAILURE TO DO SO SHALL RESULT IN DISAPPROVAL TO PERFORM THE UNREPORTED WZTC ACTIVITY UNTIL THE ABOVE NOTIFICATIONS REQUIREMENTS ARE SATISFIED.
  - C. NO PLANNED WZTC ACTIVITY WILL BE IMPLEMENTED WITHOUT FIRST RECEIVING CLEARANCE FROM THE EIC.
  - D. THE COST OF THIS WZTC REPORTING/NOTIFICATION SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01, BASIC WORK ZONE TRAFFIC CONTROL.
16. SINGLE BLOCK CLOSURES WITH LOCAL DETOURS
- A. SINGLE BLOCKS MAY BE ALLOWED TO BE CLOSED FOR CONSTRUCTION ACTIVITIES, LOCAL TRAFFIC ONLY, FOLLOWING THE CONTRACTOR'S SUBMITTAL OF A LOCAL DETOUR PLAN AND APPROVAL OF THE PLAN AND TIME DURATION OF CLOSURE BY THE E.I.C.. ACCESS TO ALL BUSINESSES MUST BE MAINTAINED AT ALL TIMES. SCHEDULE AND LOCAL DETOUR PLAN MUST BE SUBMITTED BY THE CONTRACTOR TO THE E.I.C. 7-DAYS PRIOR TO SCHEDULED PROPOSED CLOSURE FOR APPROVAL.

SUGGESTED SEQUENCE OF CONSTRUCTION - UNIVERSITY AVENUE

THIS IS ONLY A SUGGESTED SEQUENCE OF CONSTRUCTION AND DOES NOT INCLUDE ALL WORK TO BE COMPLETED UNDER THIS CONTRACT.

PHASE 1 TRAFFIC

- 1. MAINTAIN ONE 10.0' MINIMUM TRAVEL LANE OF ONE-WAY SOUTHBOUND TRAFFIC ON EXISTING PAVEMENT. (REFER TO DWG. NO. WZTC-3 FOR ALL PHASING TYPICAL SECTIONS).
- 2. MAINTAIN PEDESTRIAN TRAFFIC ON THE EXISTING EAST (RIGHT) SIDEWALK.

PHASE 1 CONSTRUCTION

- 1. RELOCATION OF UTILITY POLES BY OTHERS. COORDINATE UTILITY RELOCATIONS WITH UTILITY COMPANIES.
- 2. INSTALL NEW DRAINAGE AND GREEN STORMWATER STORAGE IN PHASE 1 WORK AREA.
- 3. CONSTRUCT NEW BUS STOP PADS, CURB, SNOW STORAGE, AND SIDEWALK IN PHASE 1 WORK AREA.
- 4. PERFORM FULL DEPTH RECONSTRUCTION TO BINDER COURSE ELEVATION. A TEMPORARY PAVEMENT SECTION SHALL BE UTILIZED IN AREAS WHERE POROUS CONCRETE AND RAIN GARDENS WILL BE CONSTRUCTED LATER IN SCHEDULE.
- 5. PLACE TEMPORARY PAVEMENT MARKINGS.

PHASE 2 TRAFFIC

- 1. MAINTAIN ONE 10.0' MINIMUM TRAVEL LANE OF ONE-WAY SOUTHBOUND TRAFFIC ON NEWLY CONSTRUCTED PARKING/TURN LANE AND PORTION OF SOUTHBOUND TRAVEL LANE. (REFER TO DWG. NO. WZTC-3 FOR PHASE 2 TYPICAL SECTION).
- 2. MAINTAIN PEDESTRIAN TRAFFIC ON THE NEWLY CONSTRUCTED WEST (LEFT) SIDEWALK.
- 3. ADJUST EXISTING TRAFFIC SIGNALS FOR PHASE 2 TRAFFIC PATTERNS.

PHASE 2 CONSTRUCTION

- 1. INSTALL NEW DRAINAGE AND GREEN STORMWATER STORAGE IN PHASE 2 WORK AREA.
- 2. CONSTRUCT NEW CURB, SNOW STORAGE, CYCLE TRACK, AND SIDEWALK IN PHASE 2 WORK AREA.
- 3. PERFORM FULL DEPTH RECONSTRUCTION TO BINDER COURSE ELEVATION.

PHASE 3 TRAFFIC

- 1. MAINTAIN ONE 10.0' MINIMUM TRAVEL LANE OF ONE-WAY SOUTHBOUND TRAFFIC ON NEWLY CONSTRUCTED TRAVEL LANE. USE STANDARD NYSOT LANE CLOSURE AS NECESSARY (REFER TO NYSOT STANDARD SHEETS).
- 2. MAINTAIN PEDESTRIAN TRAFFIC ON NEWLY CONSTRUCTED SIDEWALKS.

PHASE 3 CONSTRUCTION

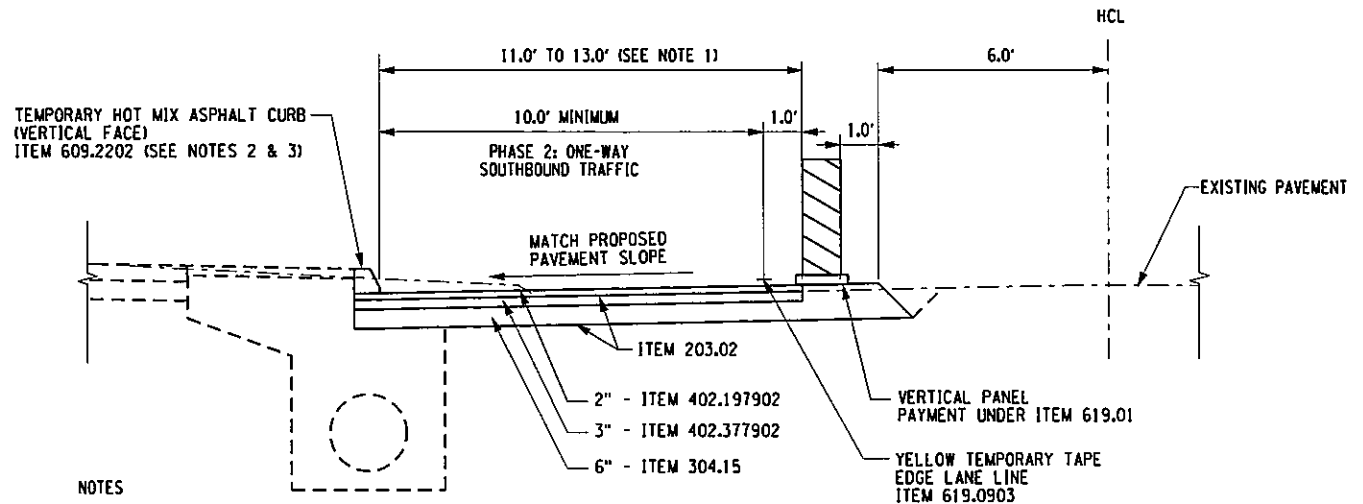
- 1. REMOVE TEMPORARY PAVEMENT.
- 2. INSTALL CURB BUMP-OUTS AND RAIN GARDENS.
- 3. INSTALL POROUS CONCRETE PAVEMENT.

PHASE 4 TRAFFIC

- 1. MAINTAIN ONE 10.0' MINIMUM TRAVEL LANE OF ONE-WAY SOUTHBOUND TRAFFIC. USE DAILY LANE CLOSURES AS NECESSARY (REFER TO NYSOT STANDARD SHEETS).
- 2. MAINTAIN PEDESTRIAN TRAFFIC ON NEWLY CONSTRUCTED SIDEWALKS.

PHASE 4 CONSTRUCTION

- 1. INSTALL TOP COURSE.
- 2. INSTALL REMAINING SIGNAL EQUIPMENT.
- 3. INSTALL FINAL SIGNS AND STRIPING, INCLUDING DURATHERM AND METHACRYLATE



NOTES

- 1. REFER TO WORK ZONE TRAFFIC CONTROL PLANS FOR WIDTHS AND LOCATIONS OF TEMPORARY PAVEMENT.
- 2. REFER TO NYSOT STANDARD SHEET 609-03 FOR HMA CURB DETAILS AND NOTES.
- 3. TEMPORARY HMA CURB SHALL BE PLACED IN AREAS WHERE CURB BUMP-OUTS WILL BE CONSTRUCTED LATER IN SCHEDULE OR ABOVE.

TEMPORARY PAVEMENT SECTION

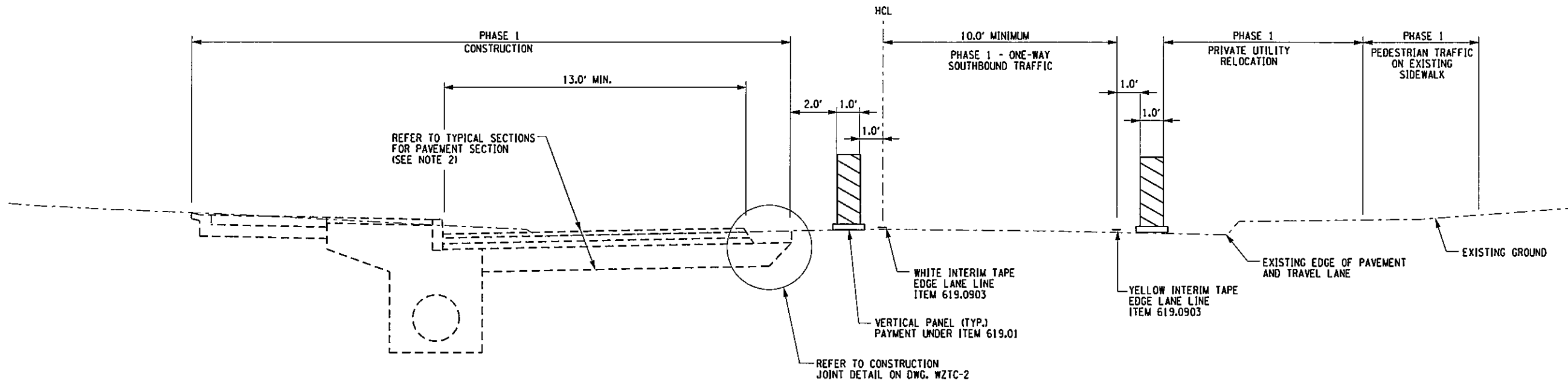
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NO.	DATE	BY	REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
WORK ZONE TRAFFIC CONTROL NOTES & DETAILS			
SCALE: N/A			
DATE ISSUED: 4/2011			
DRAWING			
WZTC-2			

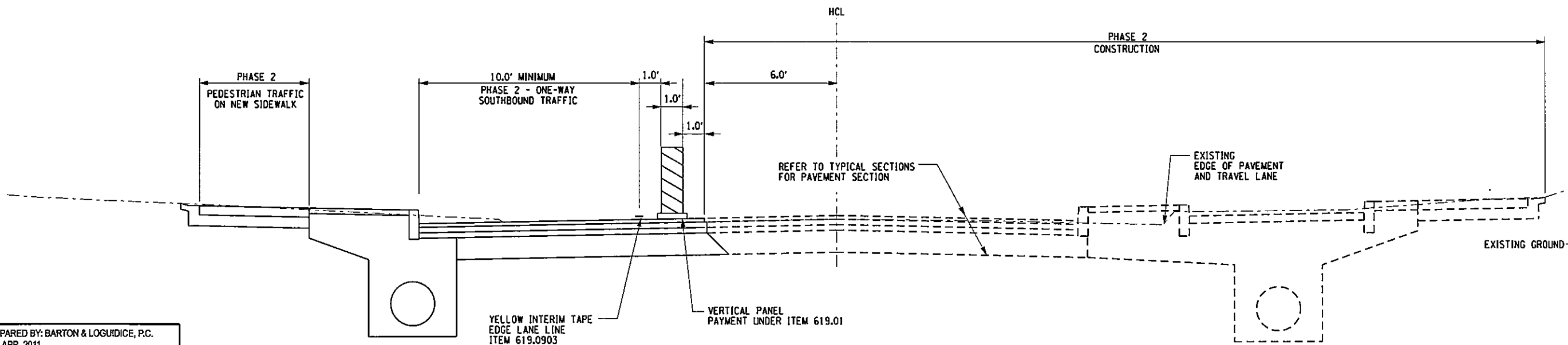
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TYPICAL SECTION PHASE 1 - UNIVERSITY AVENUE



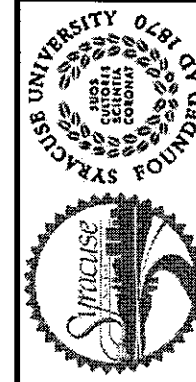
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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

NOTES

- REFER TO NYS DOT STANDARD SHEETS 619-02 AND 619-50 FOR BARRICADE DETAILS AND PLACEMENT.
- TEMPORARY PAVEMENT SHALL BE INSTALLED IN LOCATIONS AS SHOWN ON THE PHASE 1 WORK ZONE TRAFFIC CONTROL PLANS. REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT DETAIL.

NO.	DATE	BY	REVISION



**Barton & Loguidice, P.C.**  
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EAST GENESSEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

WORK ZONE TRAFFIC CONTROL DETAILS  
 SCALE: 1"=5'  
 DATE ISSUED: 4/2011  
 DRAWING WZTC-3









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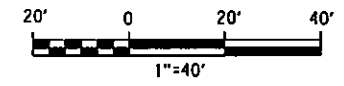
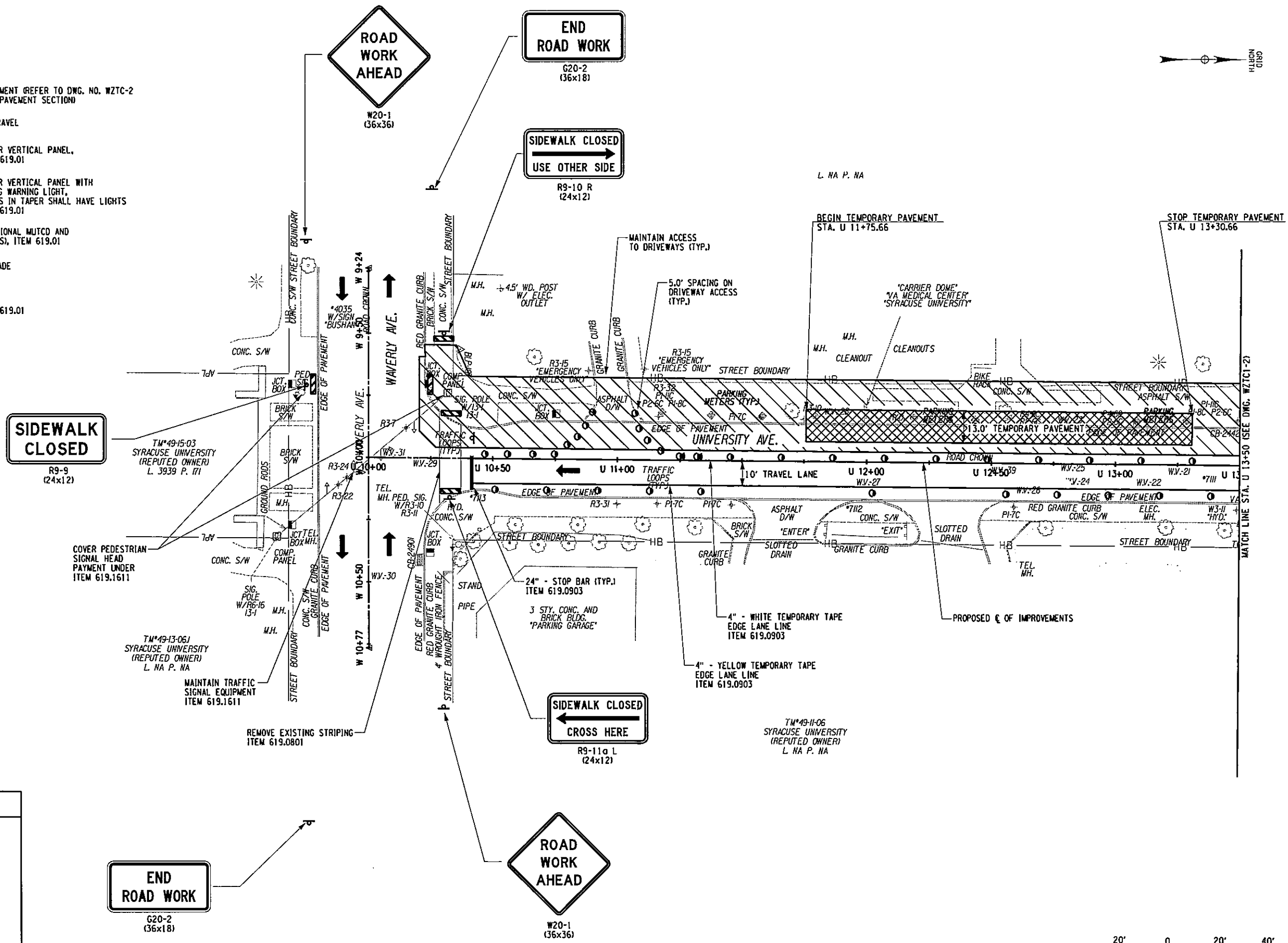
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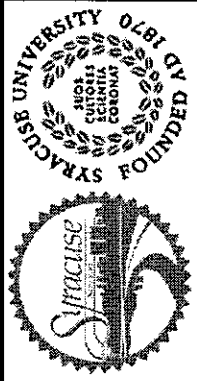
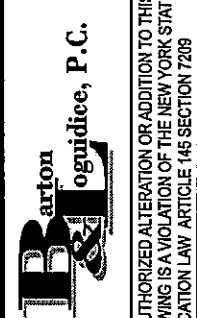
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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

**LEGEND**

-  WORK SPACE
-  TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
-  DIRECTION OF TRAVEL
-  PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
-  PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
-  SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
-  TYPE III BARRICADE ITEM 619.04
-  SAFETY FENCE PAYMENT UNDER 619.01



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EAST GENESSEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY	CONTRACT 1 P.I.N. 3754.46
WORK ZONE TRAFFIC CONTROL PLAN PHASE 1	
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING WZTC1-1	













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-  DIRECTION OF TRAVEL
-  PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
-  PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
-  SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
-  TYPE III BARRICADE ITEM 619.04
-  SAFETY FENCE PAYMENT UNDER 619.01

**SIDWALK CLOSED**  
 ←  
 USE OTHER SIDE  
 R9-10 L  
 (24x12)

**ROAD WORK AHEAD**  
 W20-1  
 (36x36)

**SIDWALK CLOSED**  
 →  
 CROSS HERE  
 R9-11a R  
 (24x12)

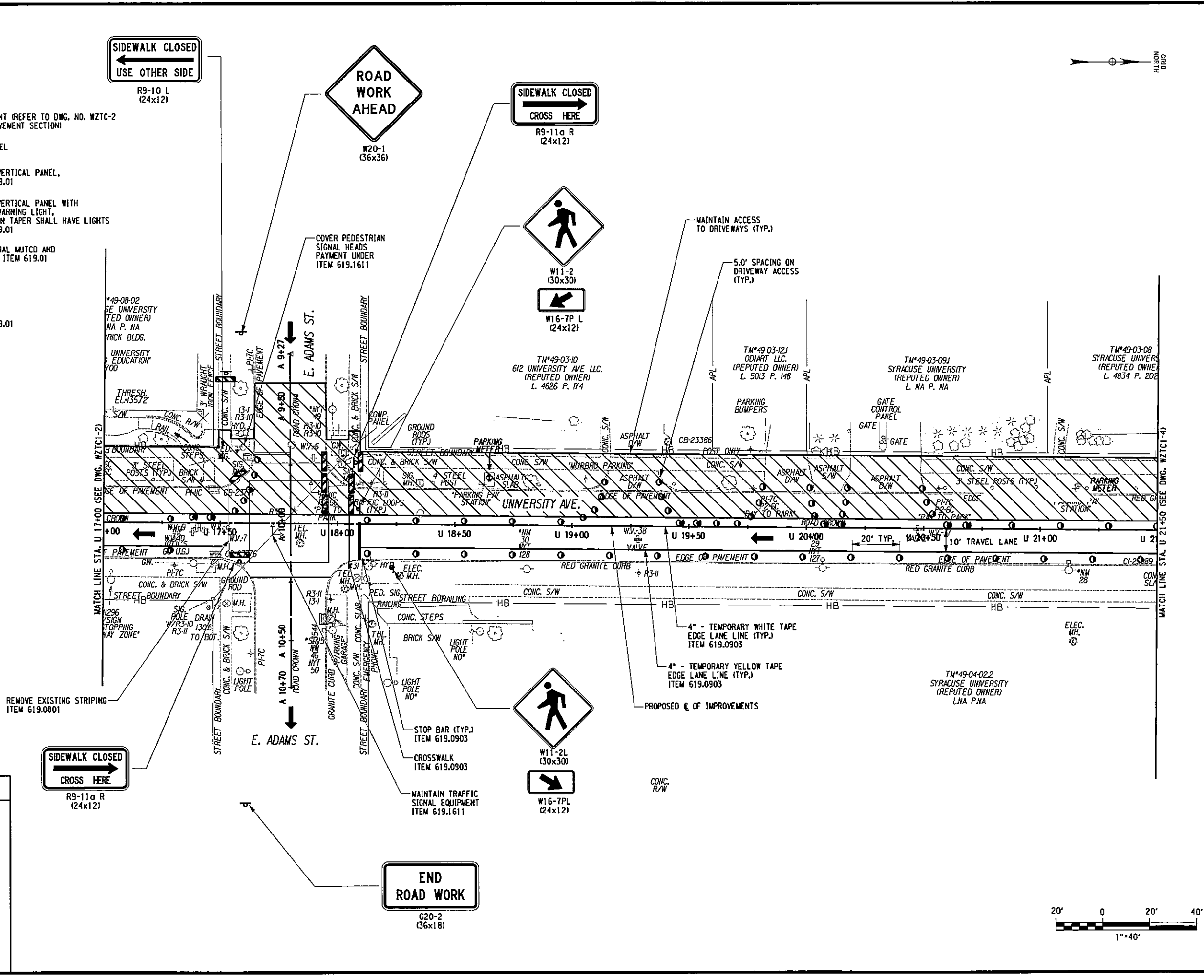
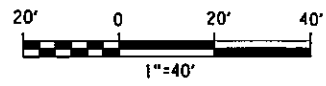
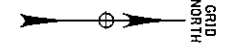
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**W16-7P L**  
 (24x12)

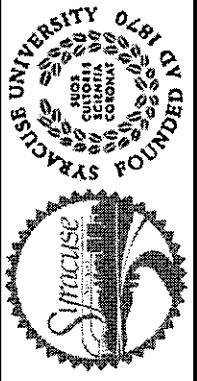
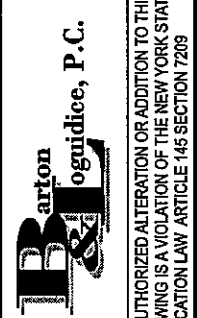
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**W16-7PL**  
 (24x12)

**END ROAD WORK**  
 G20-2  
 (36x18)

**SIDWALK CLOSED**  
 →  
 CROSS HERE  
 R9-11a R  
 (24x12)

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



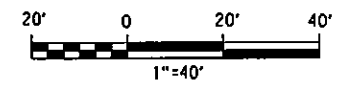
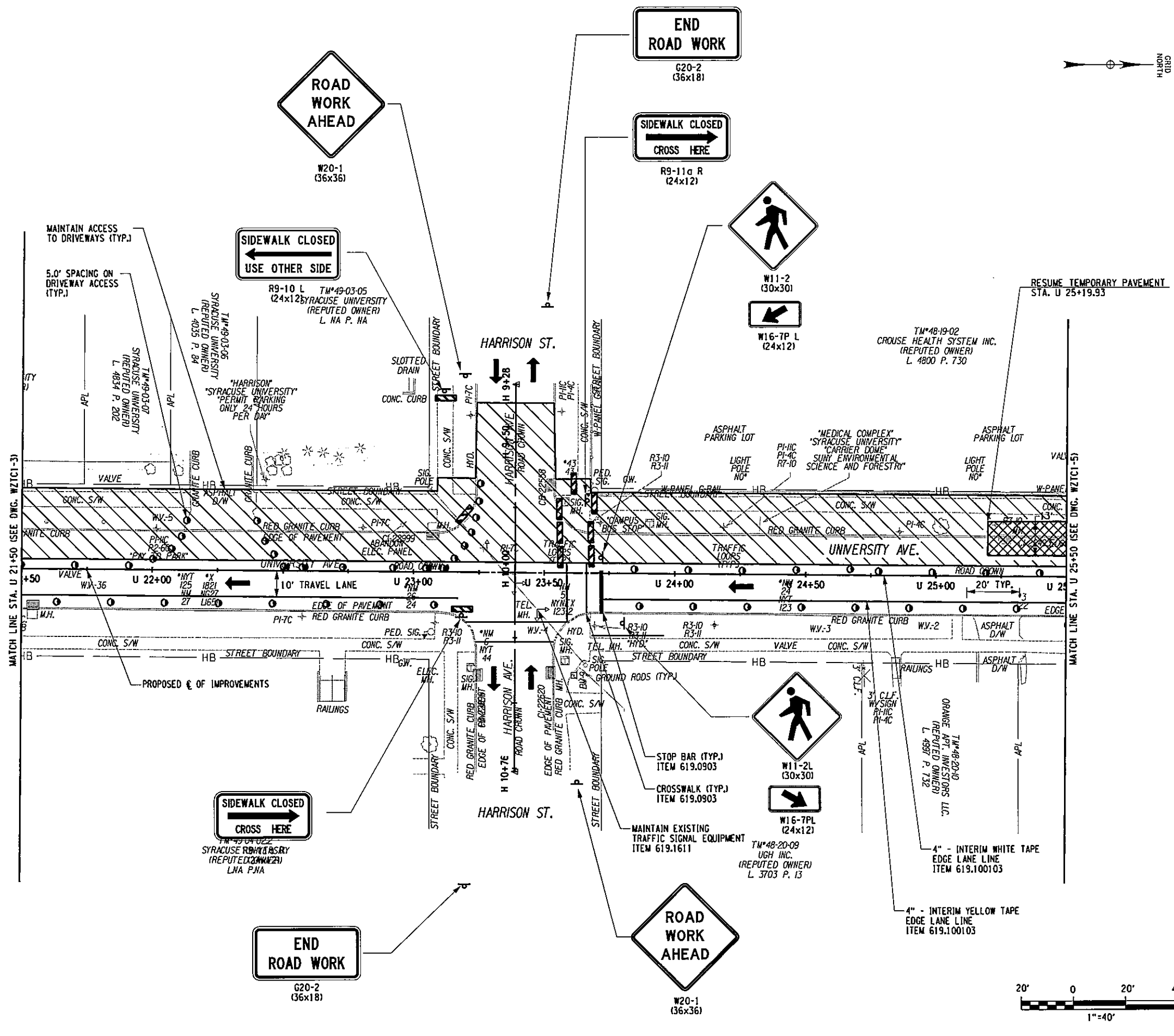
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EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46
WORK ZONE TRAFFIC CONTROL PLAN PHASE 1 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING: WZTC1-3

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 CHECKED BY PJZ

- LEGEND**
- WORK SPACE
  - TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
  - DIRECTION OF TRAVEL
  - PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
  - PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
  - SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
  - TYPE III BARRICADE ITEM 619.04
  - SAFETY FENCE PAYMENT UNDER 619.01

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

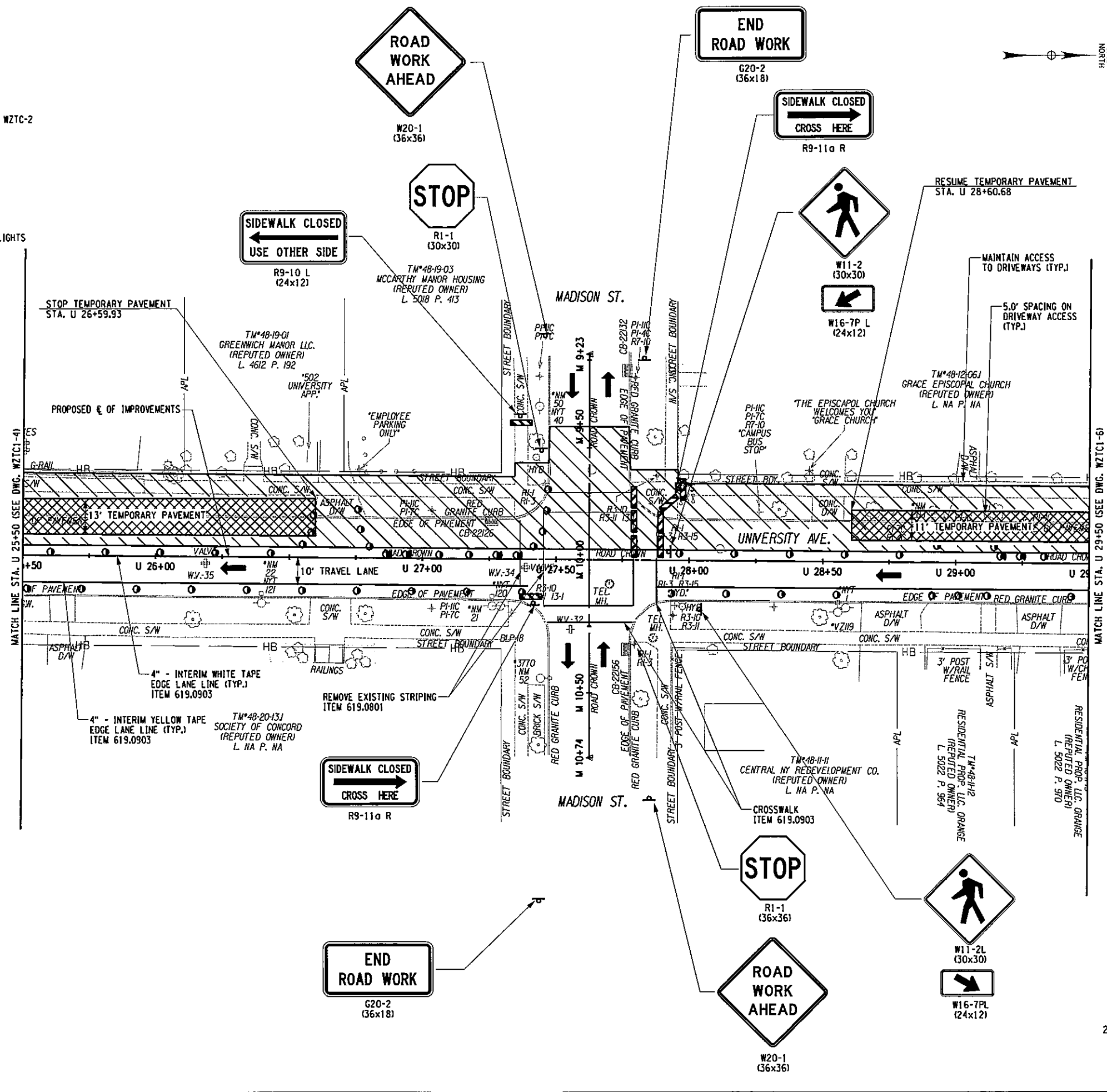


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EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46
WORK ZONE TRAFFIC CONTROL PLAN PHASE 1 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING WZTC1-4
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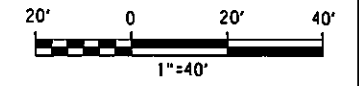
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- LEGEND**
- WORK SPACE
  - TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
  - DIRECTION OF TRAVEL
  - PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
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  - TYPE III BARRICADE ITEM 619.04
  - SAFETY FENCE PAYMENT UNDER 619.01



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011











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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46		
WORK ZONE TRAFFIC CONTROL PLAN PHASE 1					
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING WZTC1-5					


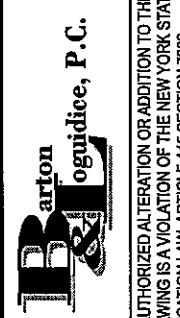
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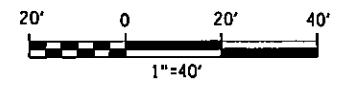
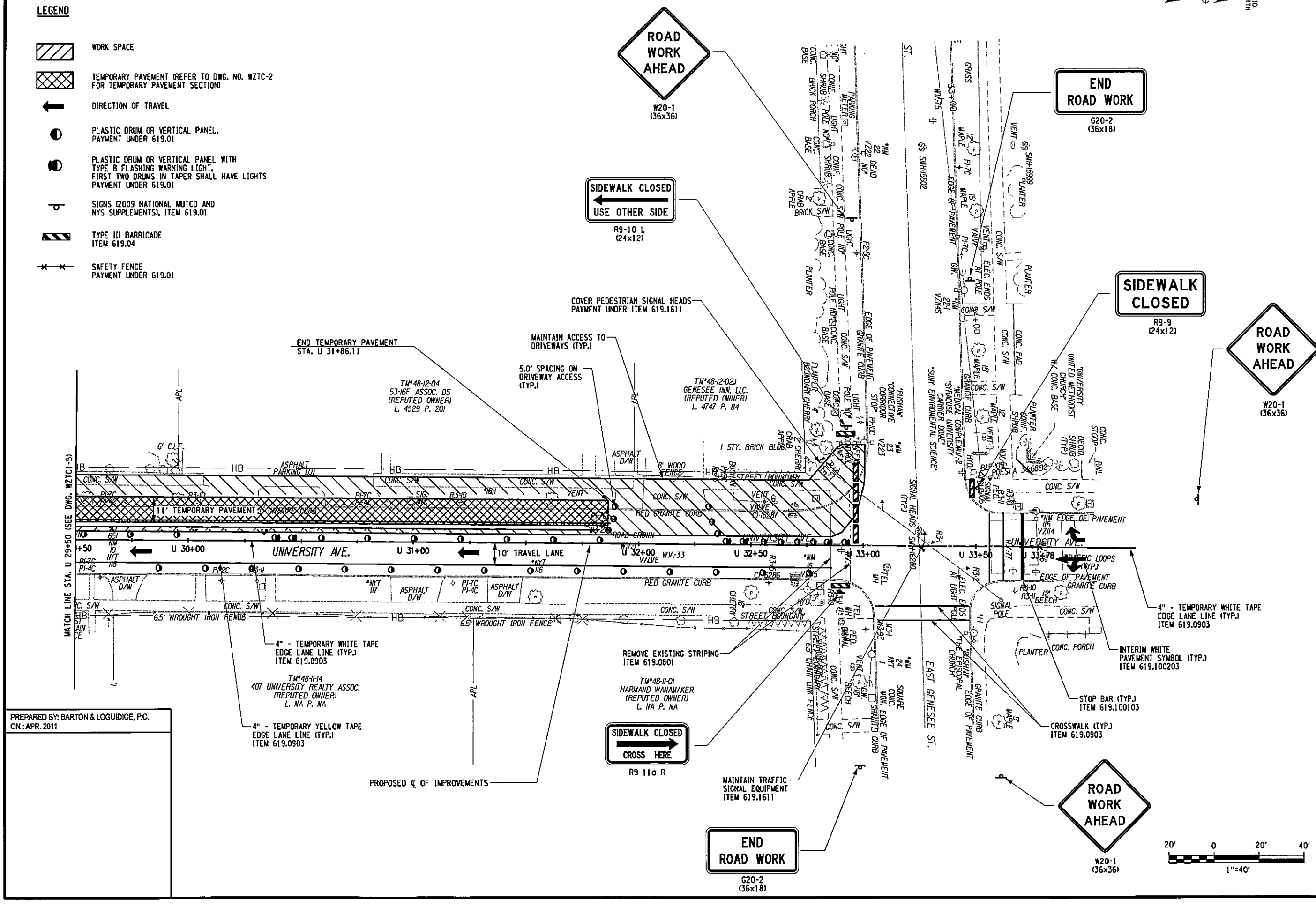
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 CHECKED BY JMW

**LEGEND**

-  WORK SPACE
-  TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
-  DIRECTION OF TRAVEL
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-  SAFETY FENCE PAYMENT UNDER 619.01



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NO.	DATE	BY	REVISION
			
			
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
WORK ZONE TRAFFIC CONTROL PLAN PHASE 1 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING: WZTC1-6			



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011











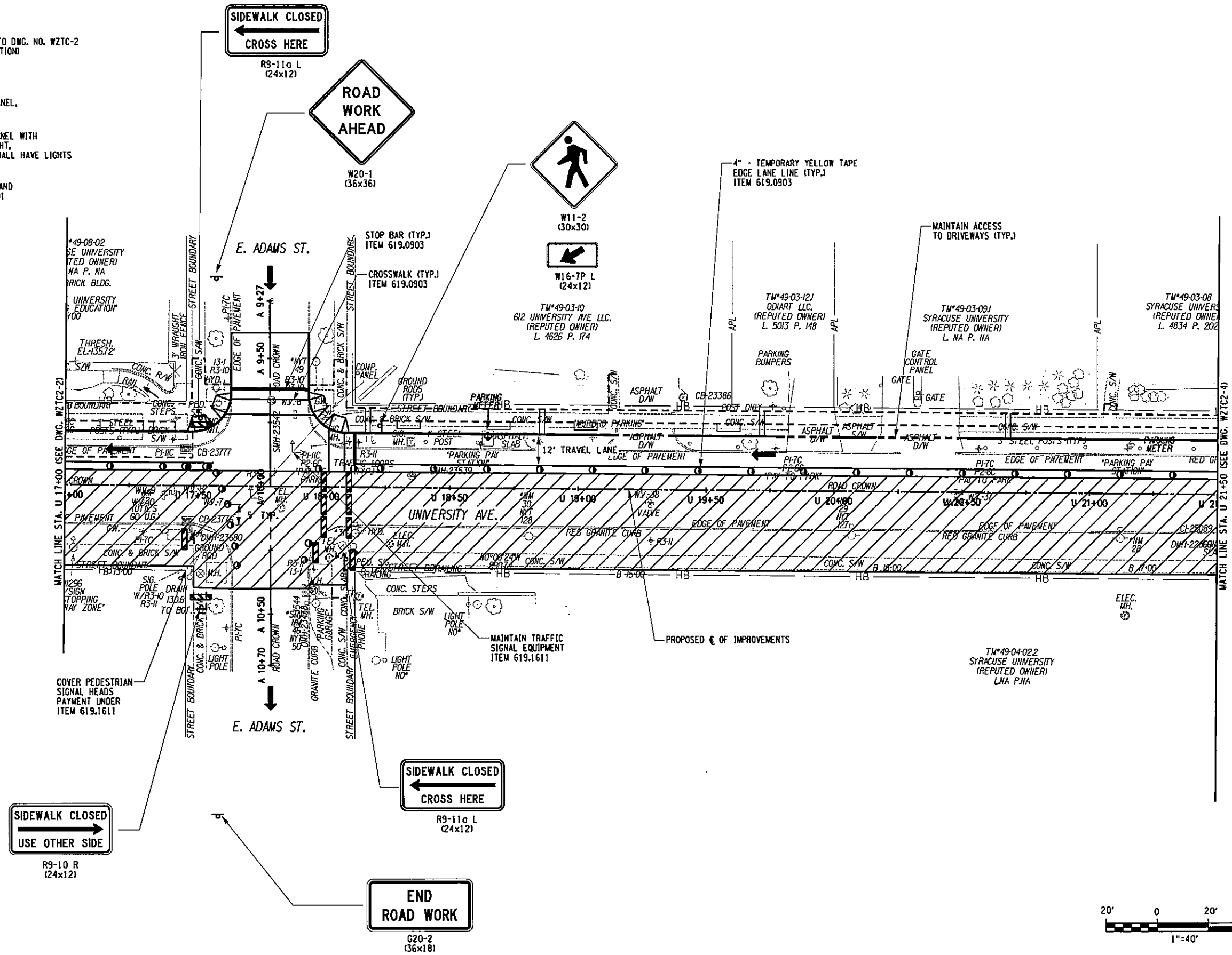




IN CHARGE OF JPD DESIGN BY JMW CHECKED BY JPD/CAW ESTIMATED BY JMW CHECKED BY JMW DRAFTED BY PJZ CHECKED BY JMW

**LEGEND**

-  WORK SPACE
-  TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
-  DIRECTION OF TRAVEL
-  PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
-  PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
-  SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
-  TYPE III BARRICADE ITEM 619.04
-  SAFETY FENCE PAYMENT UNDER 619.01



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 ON: APR. 2011

**SIDEWALK CLOSED**  
 USE OTHER SIDE  
 R9-10 R  
 (24x12)

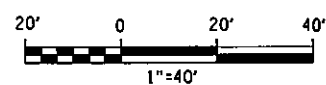
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 R9-11a L  
 (24x12)

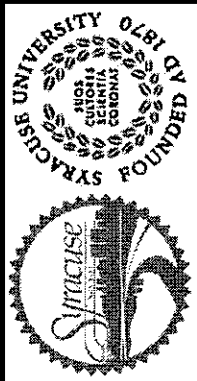
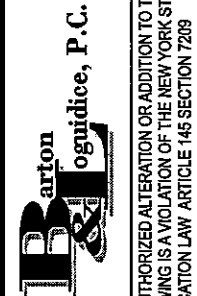
**ROAD WORK AHEAD**  
 W20-1  
 (36x36)

**W11-2**  
 (30x30)  
**W16-7P L**  
 (24x12)

**SIDEWALK CLOSED**  
 CROSS HERE  
 R9-11a L  
 (24x12)









**END ROAD WORK**  
 G20-2  
 (36x18)



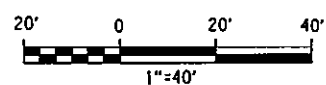
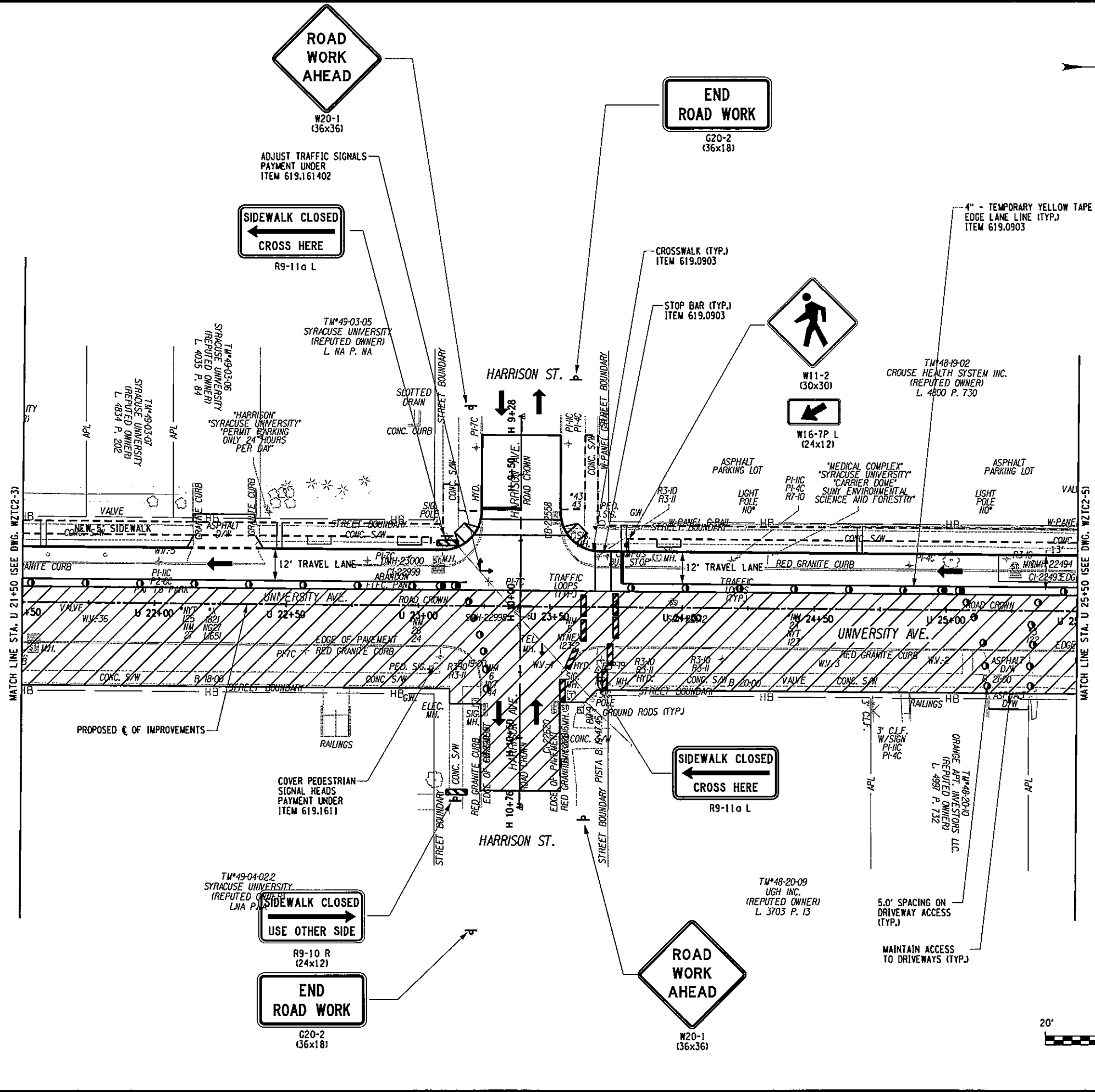
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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	WORK ZONE TRAFFIC CONTROL PLAN PHASE 2
					SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING WZTC2-3


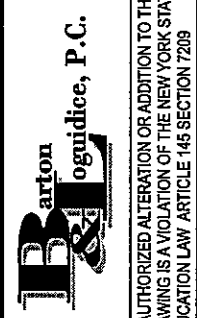
JMW CHECKED BY PJZ DRAFTED BY JMW CHECKED BY JMW ESTIMATED BY JPD/CAW CHECKED BY JMW DESIGN BY JPD

**LEGEND**

-  WORK SPACE
-  TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
-  DIRECTION OF TRAVEL
-  PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
-  PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
-  SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
-  TYPE III BARRICADE ITEM 619.04
-  SAFETY FENCE PAYMENT UNDER 619.01

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011











NO. DATE	BY	REVISION			23 127
					
					
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46					
WORK ZONE TRAFFIC CONTROL PLAN PHASE 2 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING WZTC2-4					

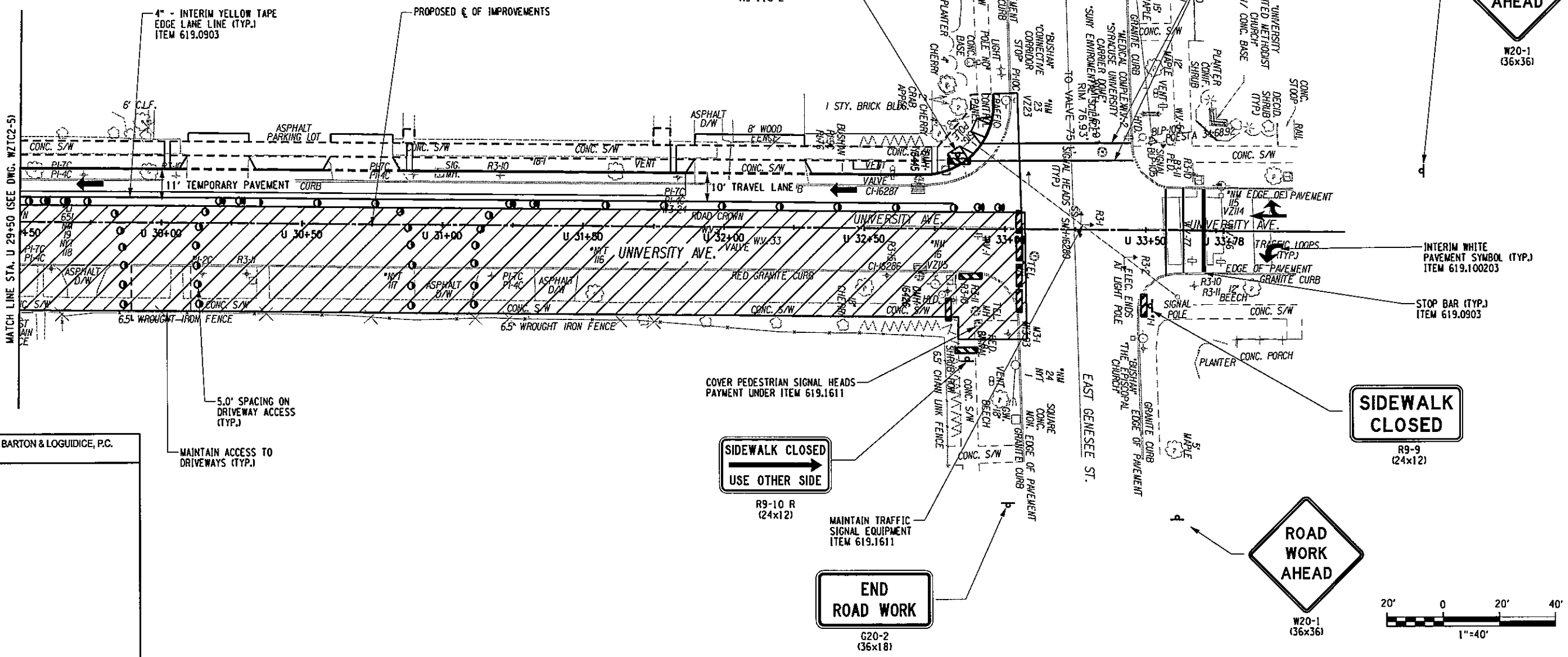




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 CHECKED BY JMW  
 ESTIMATED BY JPD/CAW  
 CHECKED BY JMW  
 DRAFTED BY CDS  
 CHECKED BY JMW  
 CHECKED BY PJZ  
 CHECKED BY JMW

- LEGEND**
-  WORK SPACE
  -  TEMPORARY PAVEMENT (REFER TO DWG. NO. WZTC-2 FOR TEMPORARY PAVEMENT SECTION)
  -  DIRECTION OF TRAVEL
  -  PLASTIC DRUM OR VERTICAL PANEL, PAYMENT UNDER 619.01
  -  PLASTIC DRUM OR VERTICAL PANEL WITH TYPE B FLASHING WARNING LIGHT, FIRST TWO DRUMS IN TAPER SHALL HAVE LIGHTS PAYMENT UNDER 619.01
  -  SIGNS (2009 NATIONAL MUTCD AND NYS SUPPLEMENTS), ITEM 619.01
  -  TYPE III BARRICADE ITEM 619.04
  -  SAFETY FENCE PAYMENT UNDER 619.01

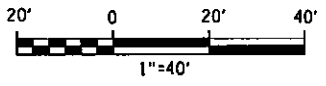


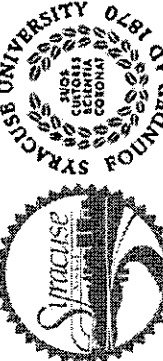

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

MAINTAIN ACCESS TO DRIVEWAYS (TYP.)

COVER PEDESTRIAN SIGNAL HEADS  
 PAYMENT UNDER ITEM 619.1611

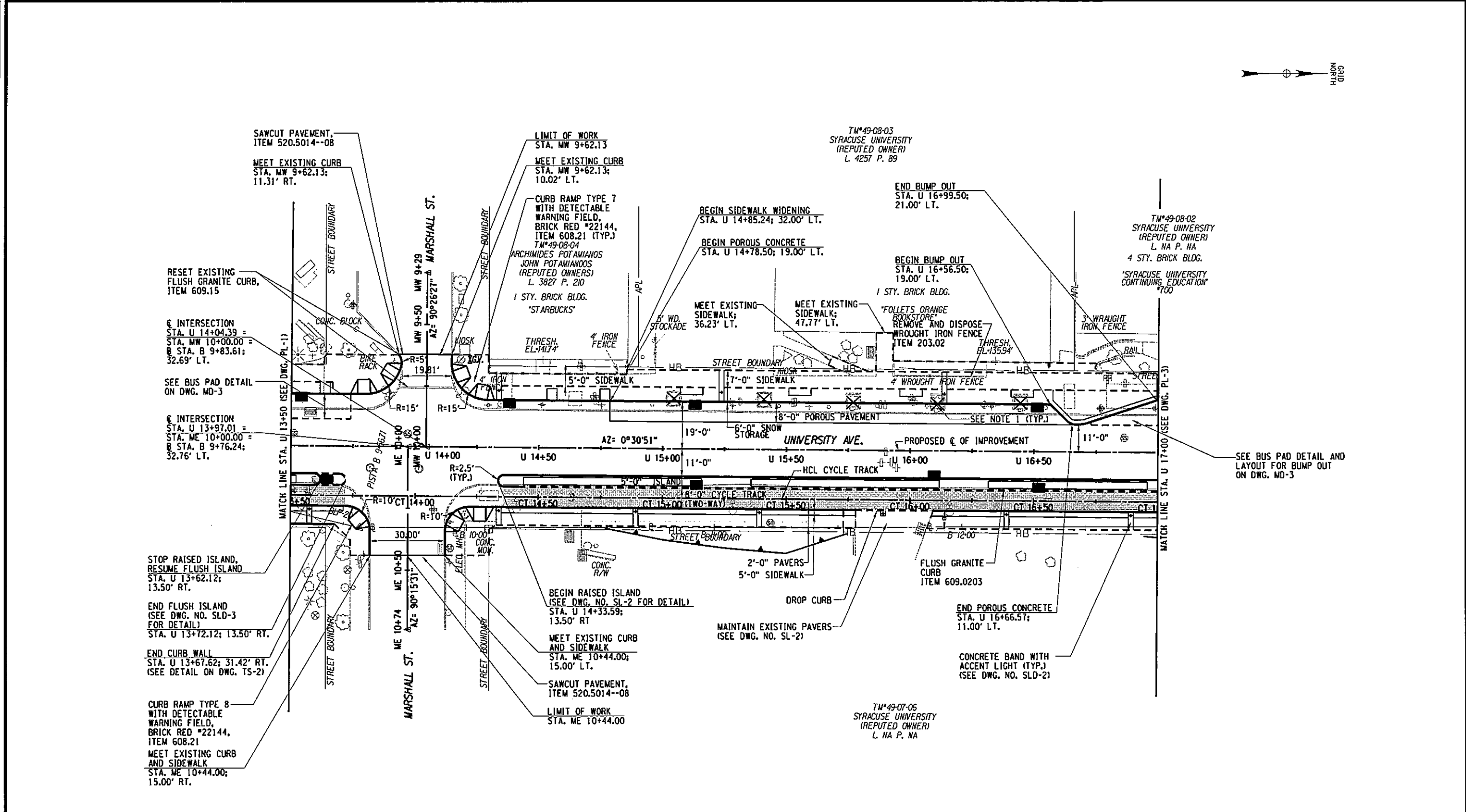
MAINTAIN TRAFFIC SIGNAL EQUIPMENT  
 ITEM 619.1611



25 127			
NO.	DATE	BY	REVISION
			
			
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209			
EAST GENESSEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1		CONTRACT 1	
WORK ZONE TRAFFIC CONTROL PLAN PHASE 2			
SCALE: 1"=40'			
DATE ISSUED: 4/20/11			
DRAWING WZTC2-6			





IN CHARGE OF JPD DESIGN BY MCB CHECKED BY GLE ESTIMATED BY JPD/CAW CHECKED BY MCB DRAFTED BY PUZ CHECKED BY GRW



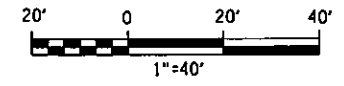
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011


**LEGEND**

-  - METHACRYLATE AREA MARKING, ITEM 688.0502--70
-  - TREE TO BE REMOVED BY SEPARATE CONTRACT PRIOR TO CONSTRUCTION, CONTRACT NO. 1 WILL INCLUDE REMOVAL OF STUMP, ITEM 614.0394.

**NOTES:**

1. REFER TO DWG. NOS. UT-1 TO UT-6 FOR ALL UTILITY INFORMATION.
2. REFER TO DWG. NOS. SL-1 TO SL-6 FOR STREETScape LAYOUT.





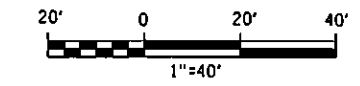
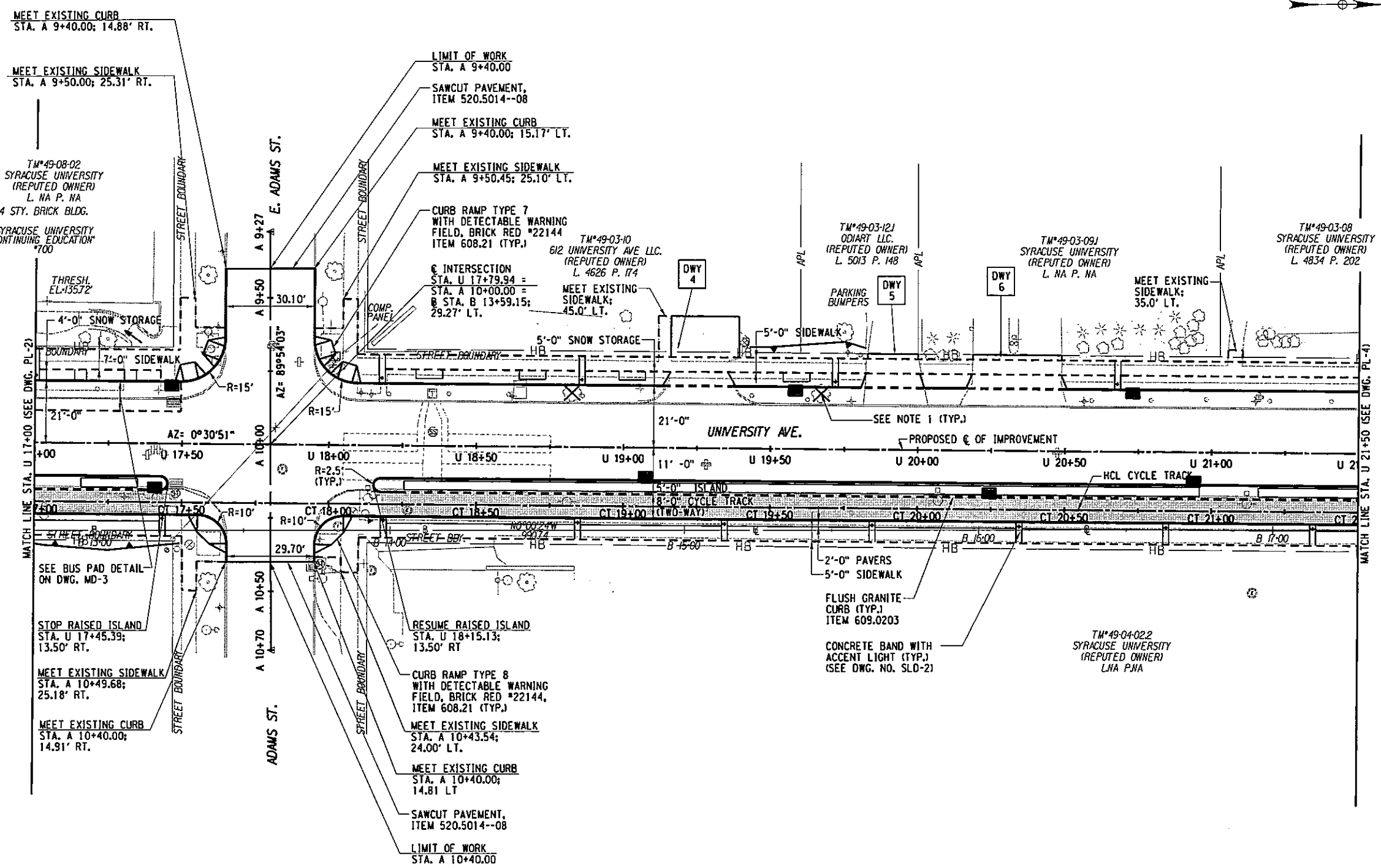
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	Barton & Loguidice, P.C.
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.J.N. 3754.46
CITY OF SYRACUSE	CONTRACT 1
ONONDAGA COUNTY	P.J.N. 3754.46
GENERAL PLAN STA. U 13+50 TO STA. U 17+00	
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PL-2	

IN CHARGE OF JPD DESIGN BY MCB CHECKED BY JPD/CAW ESTIMATED BY GLE CHECKED BY MCB DRAFTED BY PJZ CHECKED BY GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

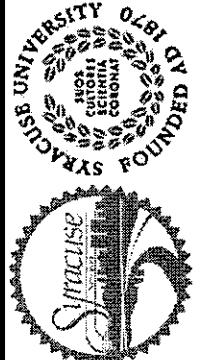
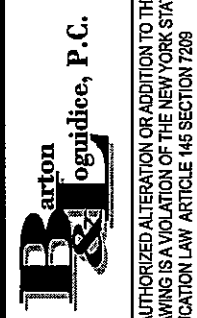
**LEGEND**

-  - METHACRYLATE AREA MARKING, ITEM 688.0502--70
-  - TREE TO BE REMOVED BY SEPARATE CONTRACT PRIOR TO CONSTRUCTION. CONTRACT NO. 1 WILL INCLUDE REMOVAL OF STUMP, ITEM 614.0394.



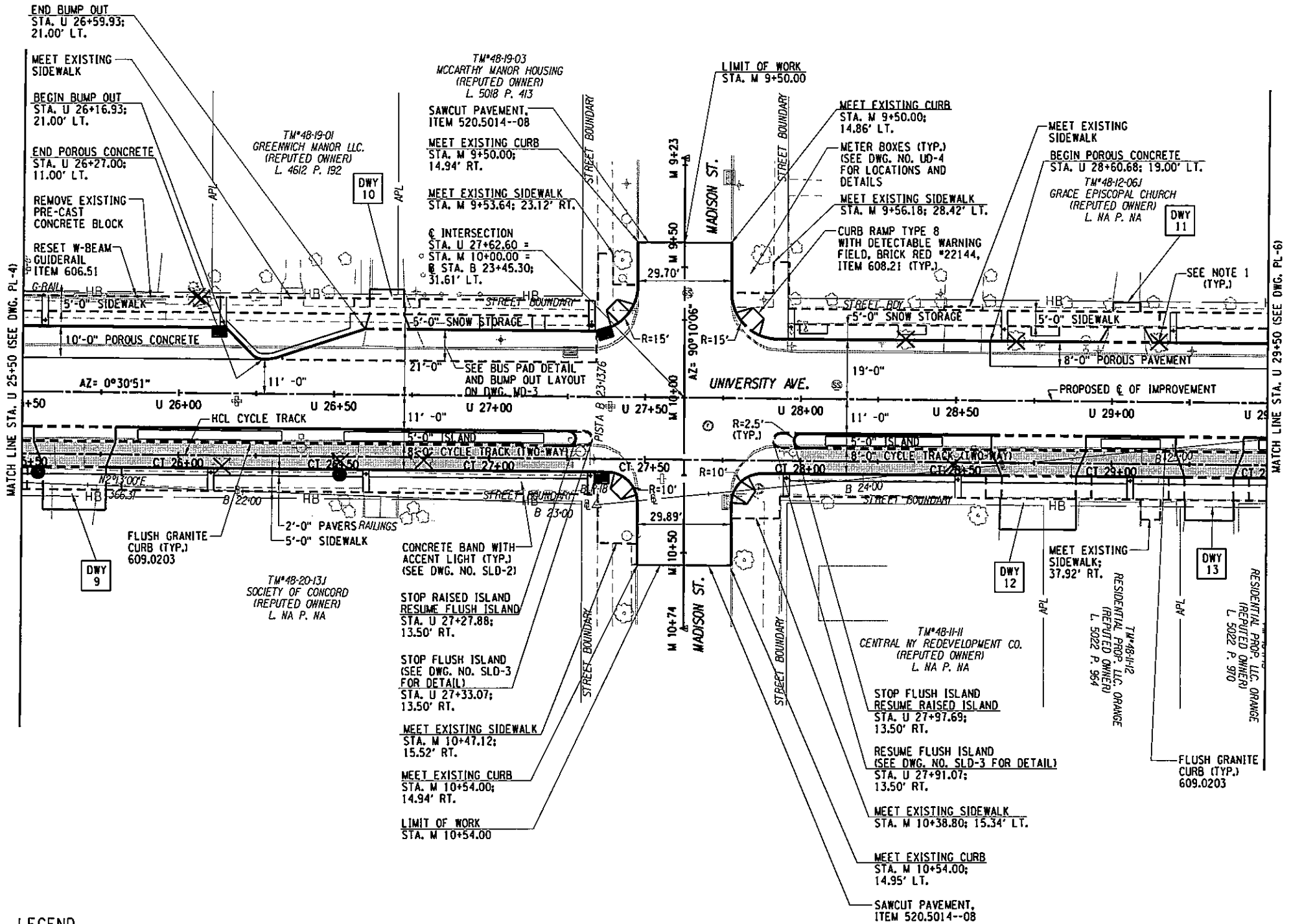
**NOTES:**



1. REFER TO DWG. NOS. UT-1 TO UT-6 FOR ALL UTILITY INFORMATION.
2. REFER TO DWG. NOS. SL-1 TO SL-6 FOR STREETScape LAYOUT.

28 127					
NO. DATE	BY	REVISION			
					
					
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1					
P.I.N. 3754.46					
GENERAL PLAN STA. U 17+00 TO STA. U 21+50					
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PL-3					

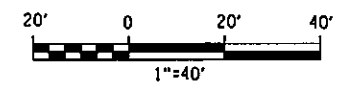
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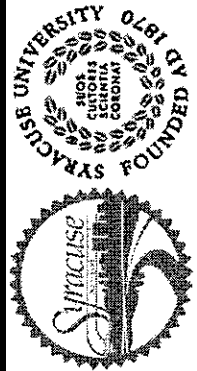
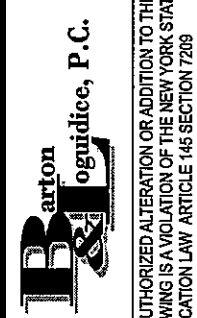


- LEGEND**
-  - METHACRYLATE AREA MARKING, ITEM 688.0502--70
  -  - TREE TO BE REMOVED BY SEPARATE CONTRACT PRIOR TO CONSTRUCTION, CONTRACT NO. 1 WILL INCLUDE REMOVAL OF STUMP, ITEM 614.0394.

- NOTES:**
1. REFER TO DWG. NOS. UT-1 TO UT-6 FOR ALL UTILITY INFORMATION.
  2. REFER TO DWG. NOS. SL-1 TO SL-6 FOR STREETScape LAYOUT.



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

30	127				
					
					
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209					
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	
GENERAL PLAN					
STA. U 25+50 TO STA. U 29+50					
SCALE: 1"=40'					
DATE ISSUED: 4/2011					
DRAWING					
PL-5					

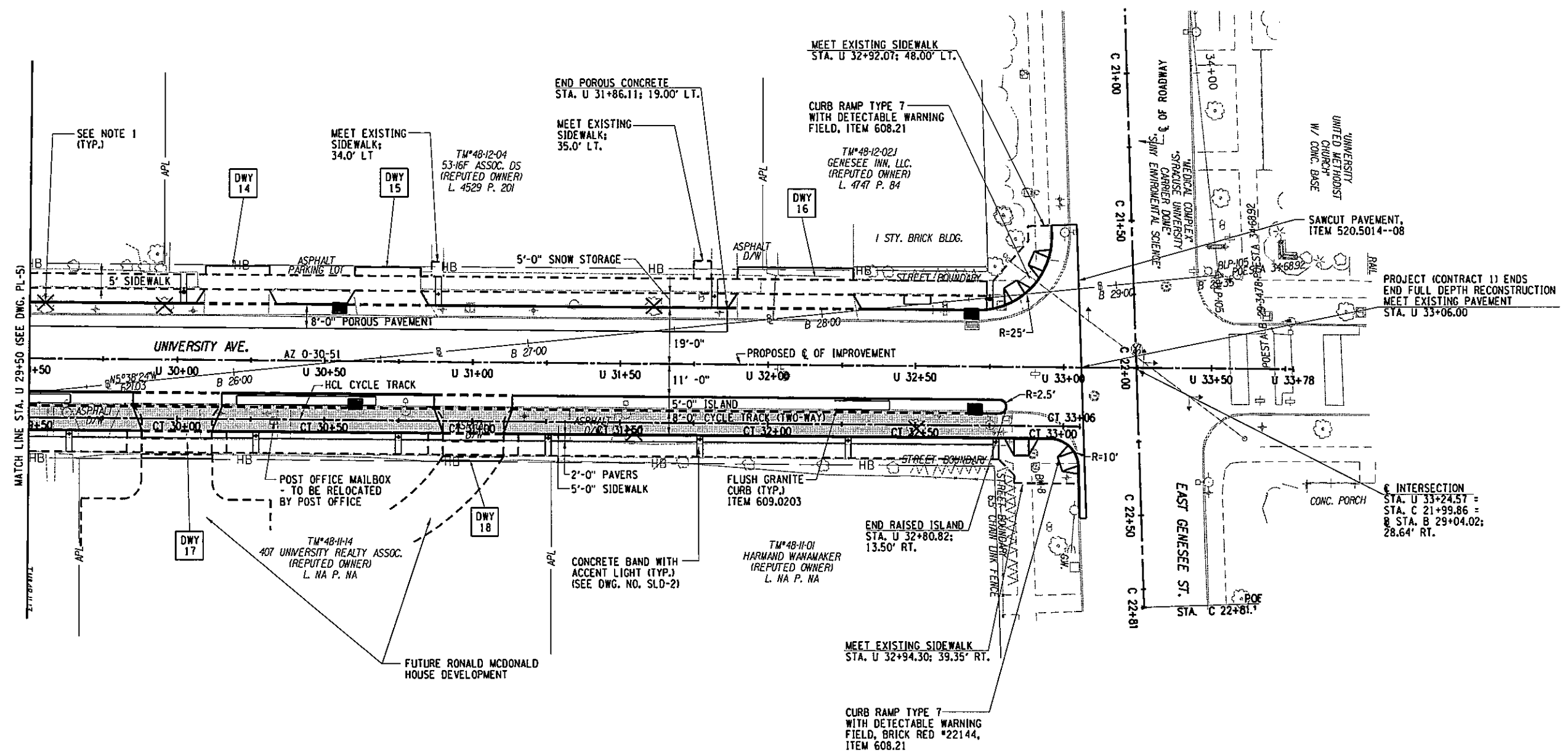


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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

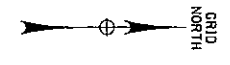
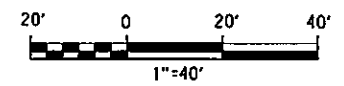


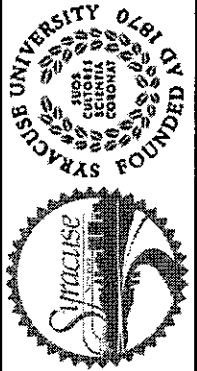
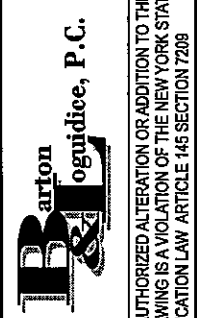
**LEGEND**

-  - METHACRYLATE AREA MARKING, ITEM 688.0502--70
-  - TREE TO BE REMOVED BY SEPARATE CONTRACT PRIOR TO CONSTRUCTION. CONTRACT NO. 1 WILL INCLUDE REMOVAL OF STUMP, ITEM 614.0394.

**NOTES:**

1. REFER TO DWG. NOS. UT-1 TO UT-6 FOR ALL UTILITY INFORMATION.
2. REFER TO DWG. NOS. SL-1 TO SL-6 FOR STREETSCAPE LAYOUT.



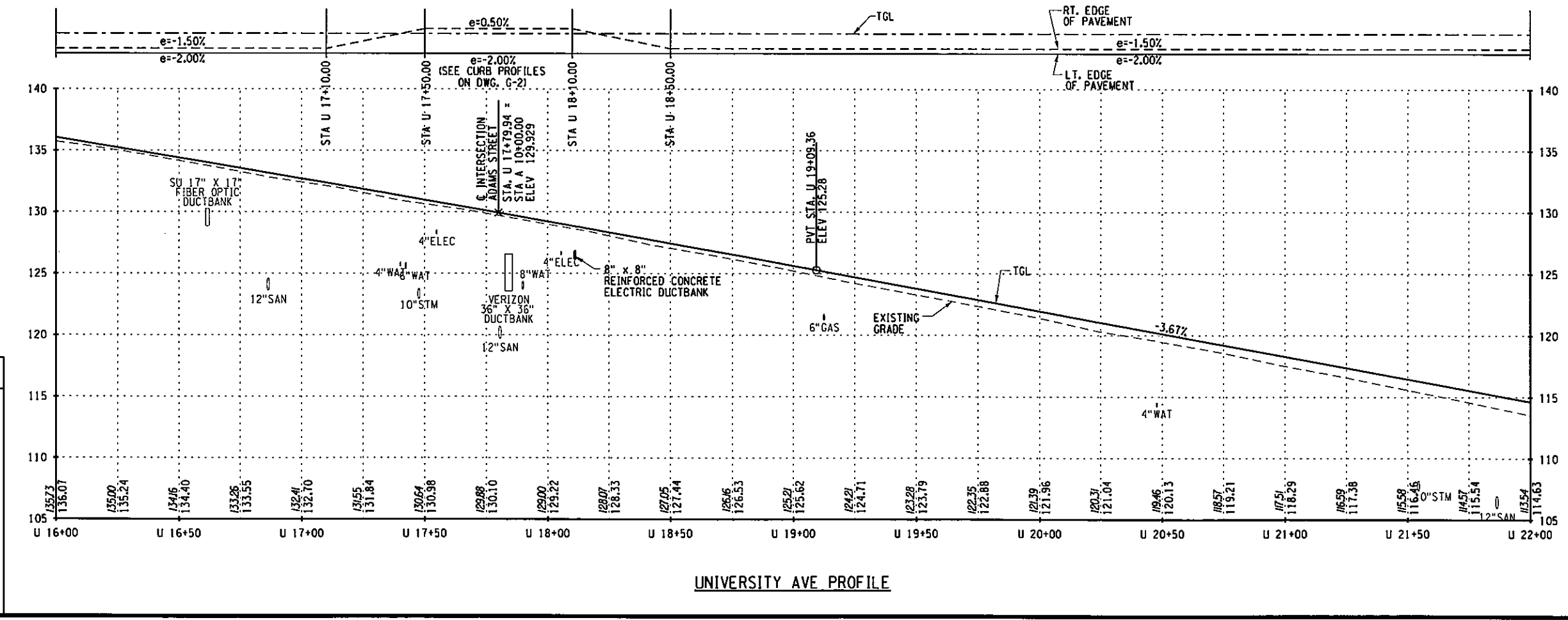
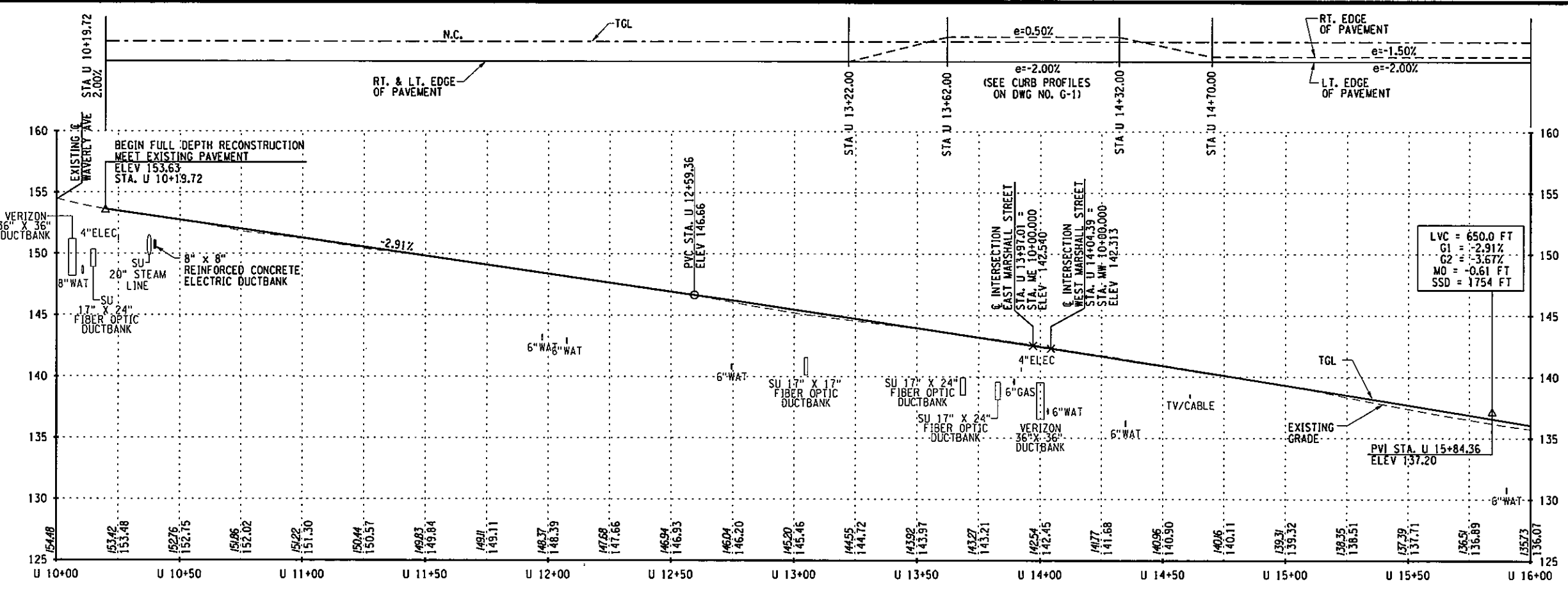
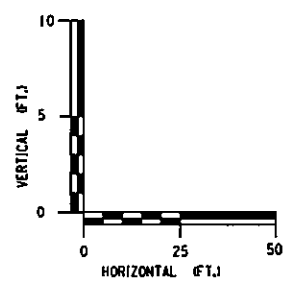
31 127


EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.J.N. 3754.46
GENERAL PLAN STA. U 29+50 TO STA. U 33+00 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PL-6

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 DRAFTED BY: MCB CHECKED BY: PJZ  
 GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



LVC = 650.0 FT  
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 G2 = -3.67%  
 MO = -0.61 FT  
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NO.	DATE	BY	REVISION
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UNIVERSITY OF SYRACUSE  
 SYRACUSE, NY  
 FOUNDED 1828

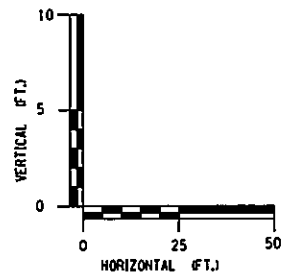
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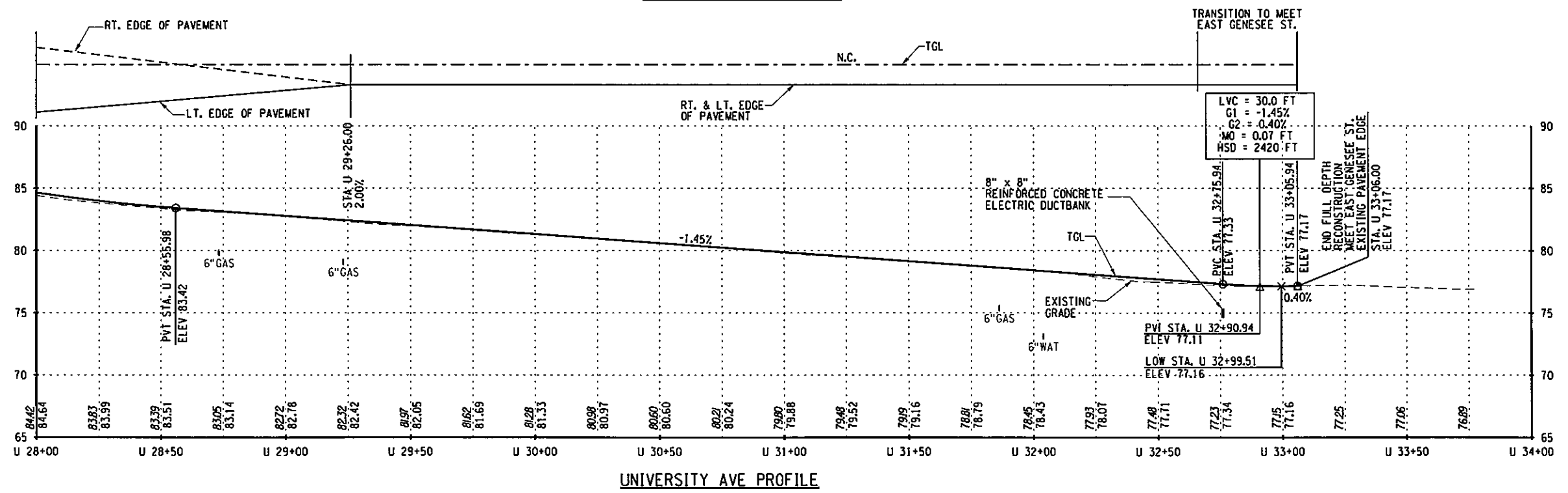
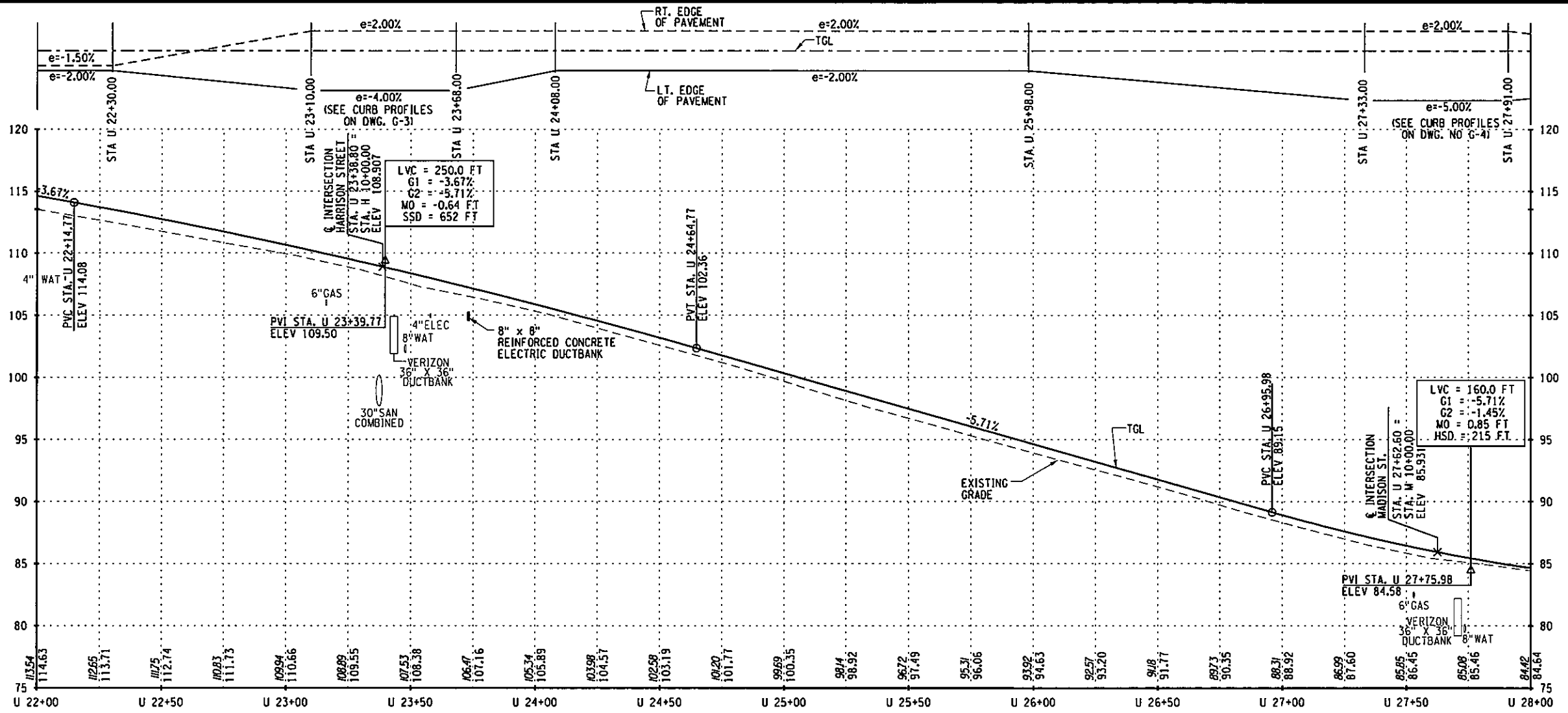
EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

UNIVERSITY AVE PROFILE  
 STA. U 10+00 TO STA. U 22+00

SCALE: AS SHOWN  
 DATE ISSUED: 4/2011  
 DRAWING  
 PR-1



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



NO.	DATE	BY	REVISION

UNIVERSITY OF SYRACUSE  
 SYRACUSE, NY

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7208

CONTRACT 1 P.J.N. 3754.46

UNIVERSITY AVE PROFILE  
 STA U. 22+00 TO STA. U. 33+06

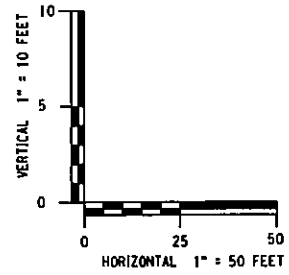
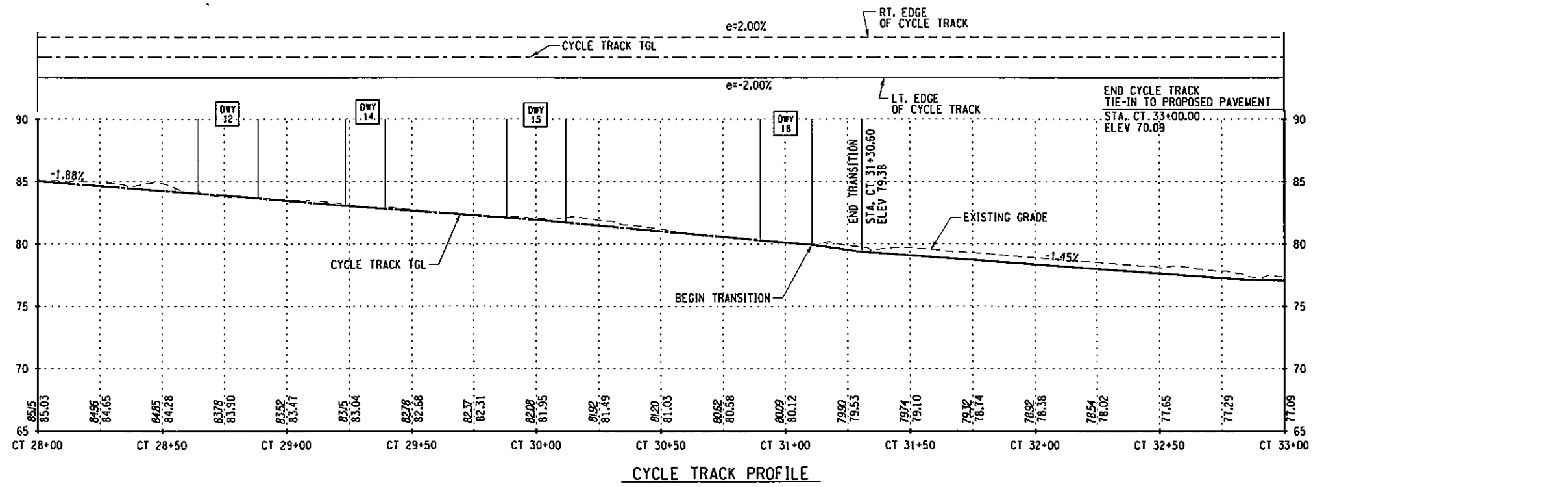
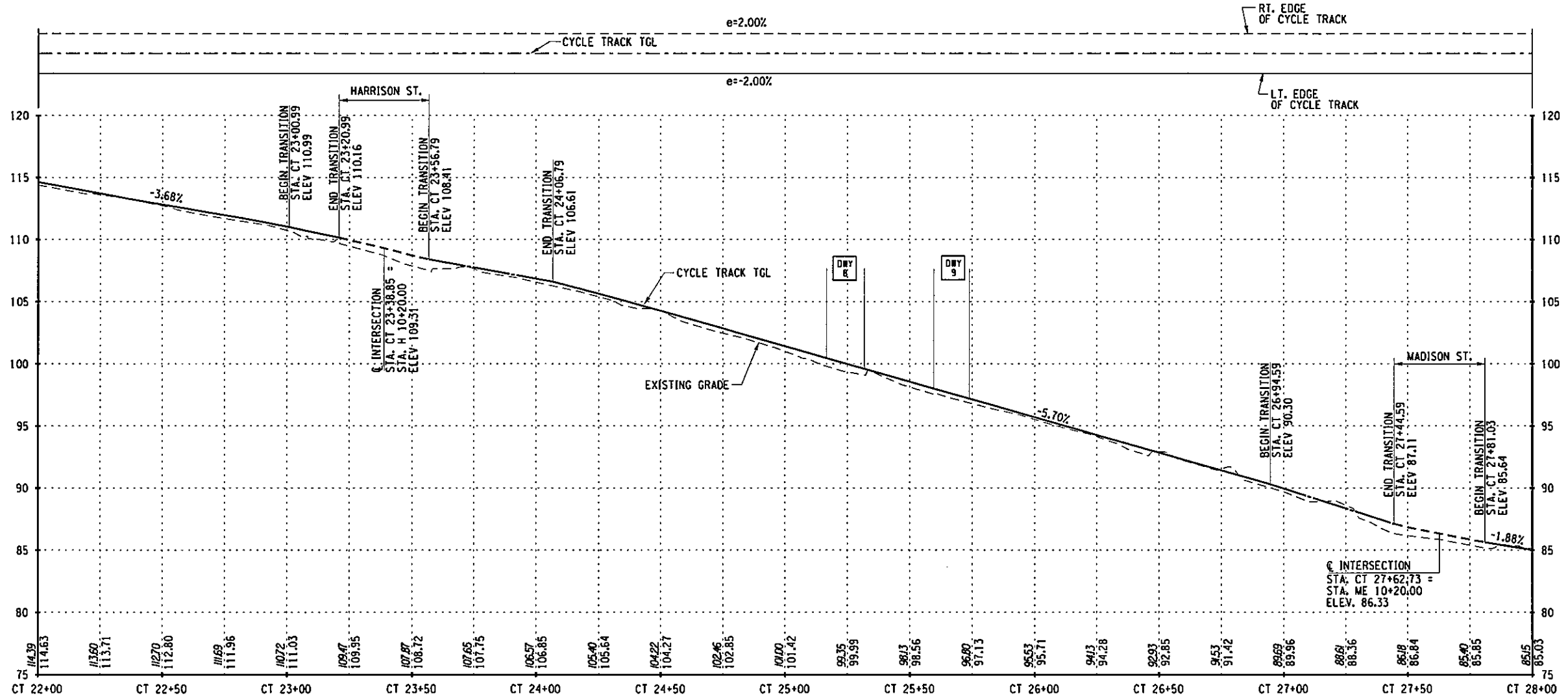
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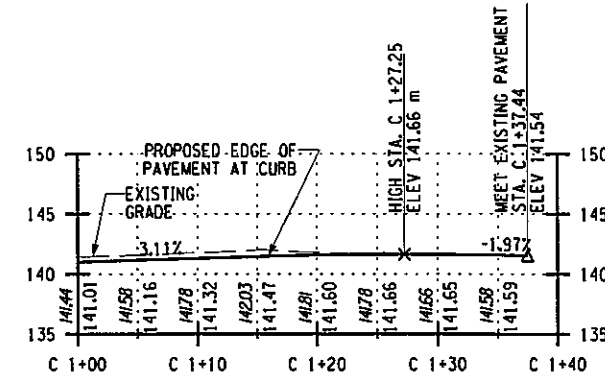
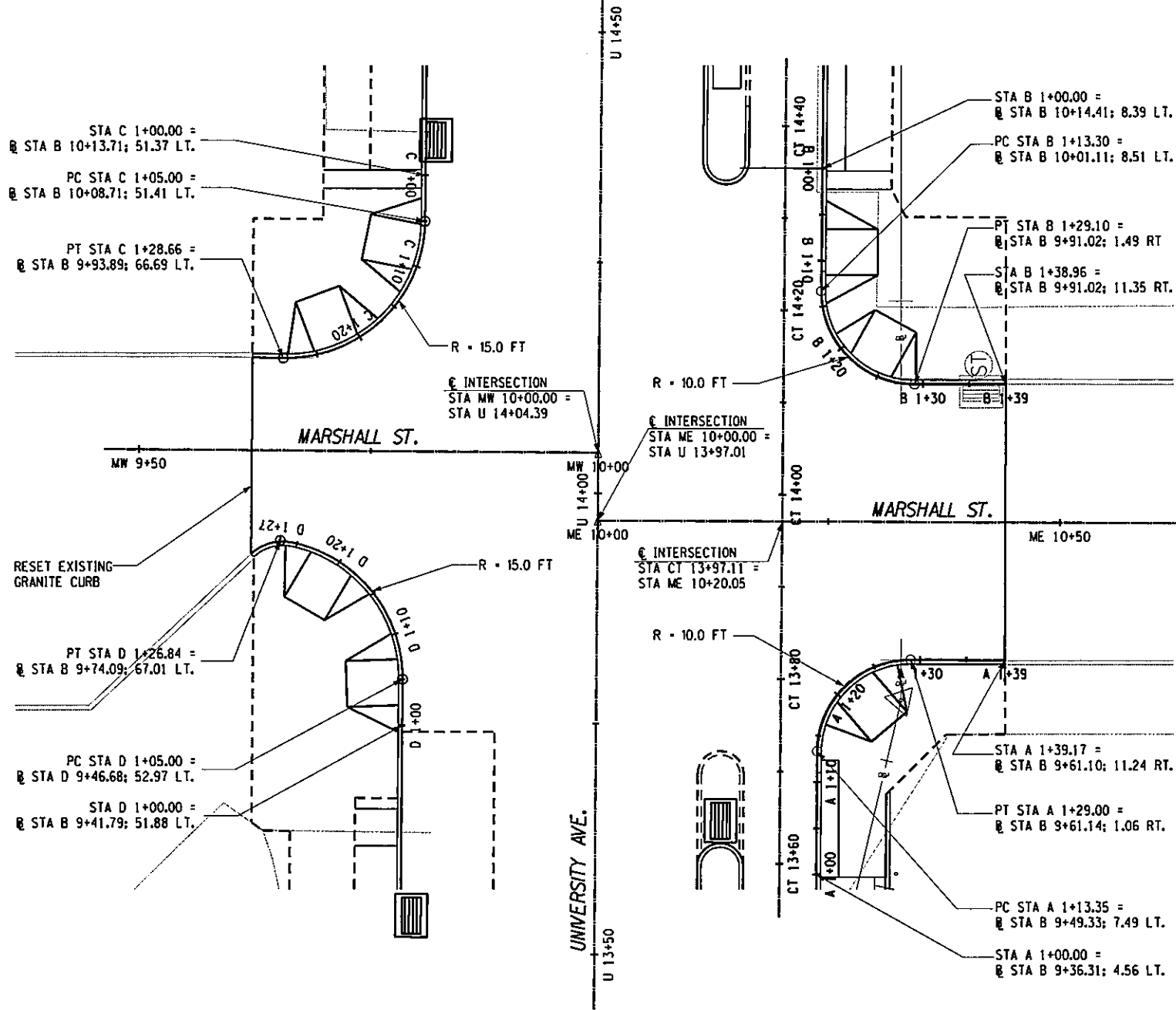


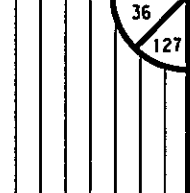
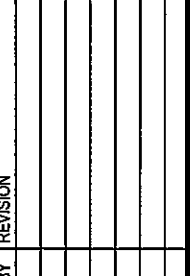
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

NO. DATE BY REVISION	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
<b>CYCLE TRACK PROFILE</b> STA. CT 22+00 TO STA. CT 33+00	
SCALE: AS SHOWN	
DATE ISSUED: 4/2011	
DRAWING PR-4	

IN CHARGE OF JPD DESIGN BY MCB CHECKED BY JPD/CAW ESTIMATED BY GLE CHECKED BY GLE DRAFTED BY MCB CHECKED BY P.J.Z GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

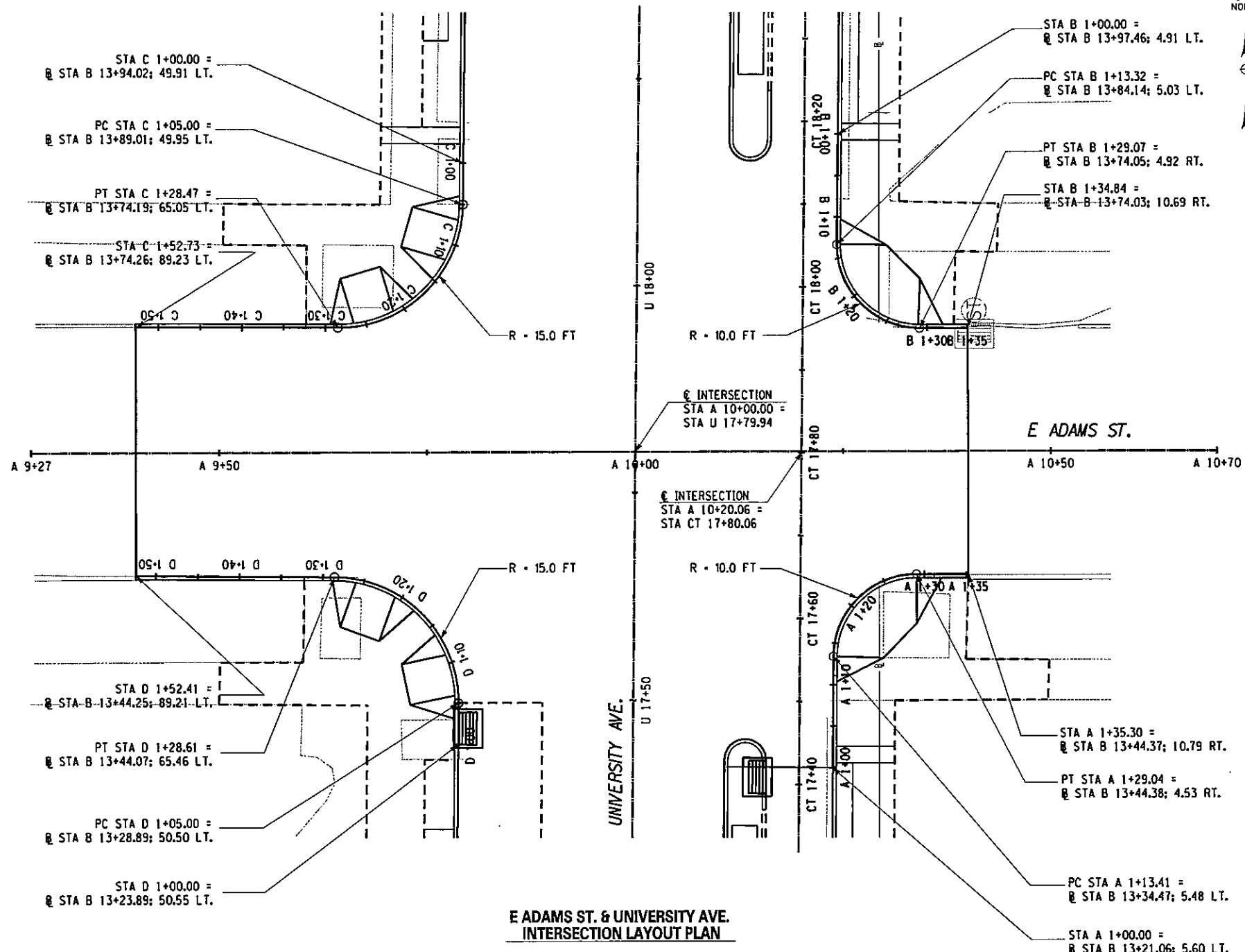


	
	
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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
INTERSECTION CURB LAYOUT	
SCALE: 1/8" = 1'-0" DATE ISSUED: 4/2011 DRAWING	
G-1	

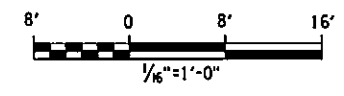
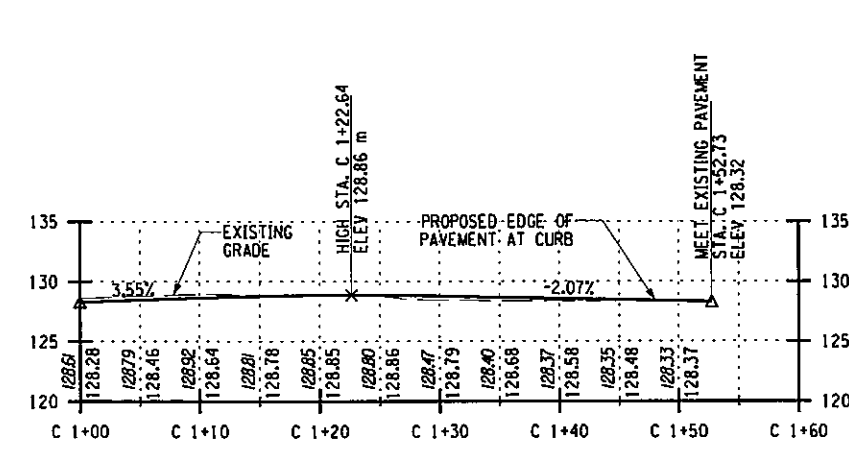
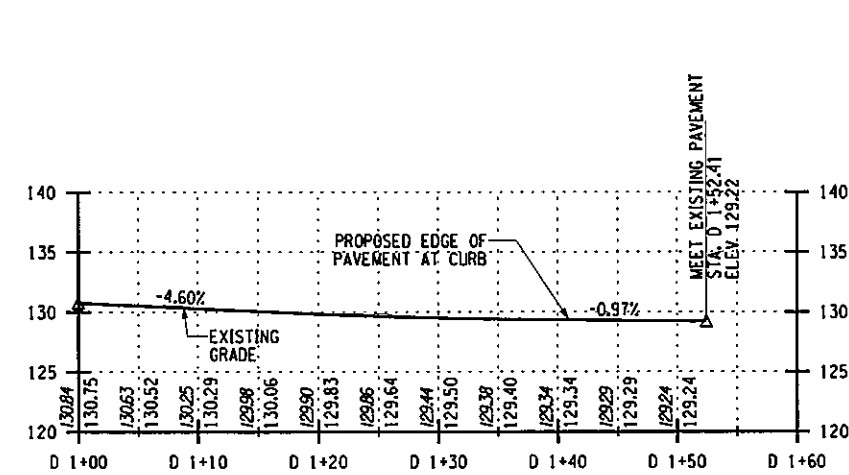
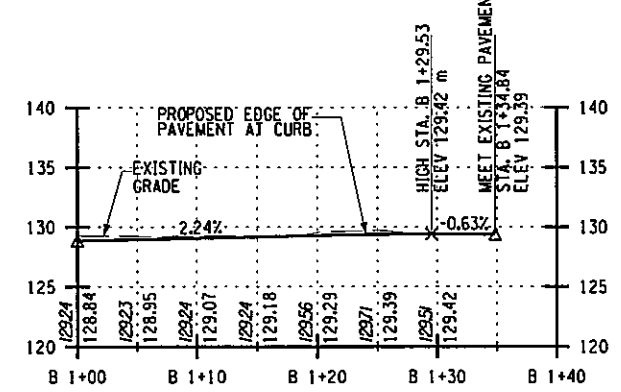
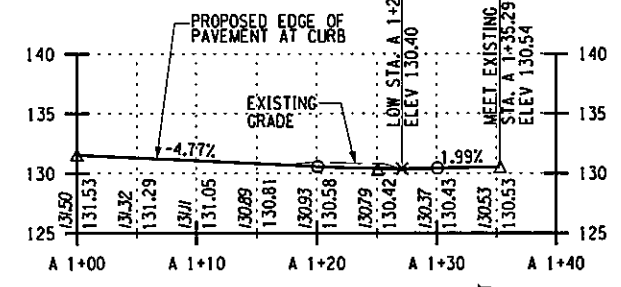
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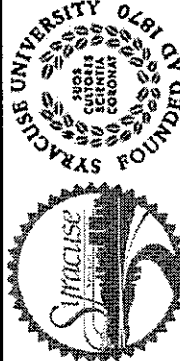
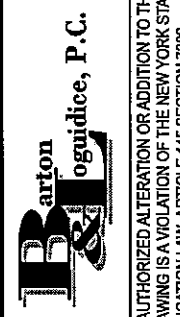
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E ADAMS ST. & UNIVERSITY AVE.  
 INTERSECTION LAYOUT PLAN



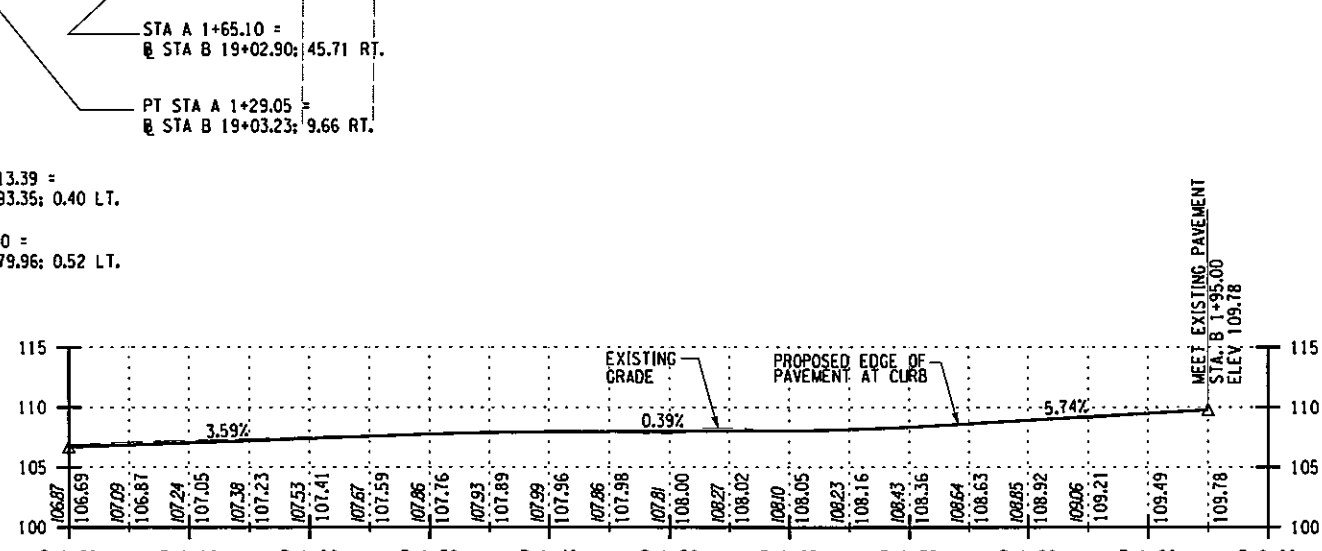
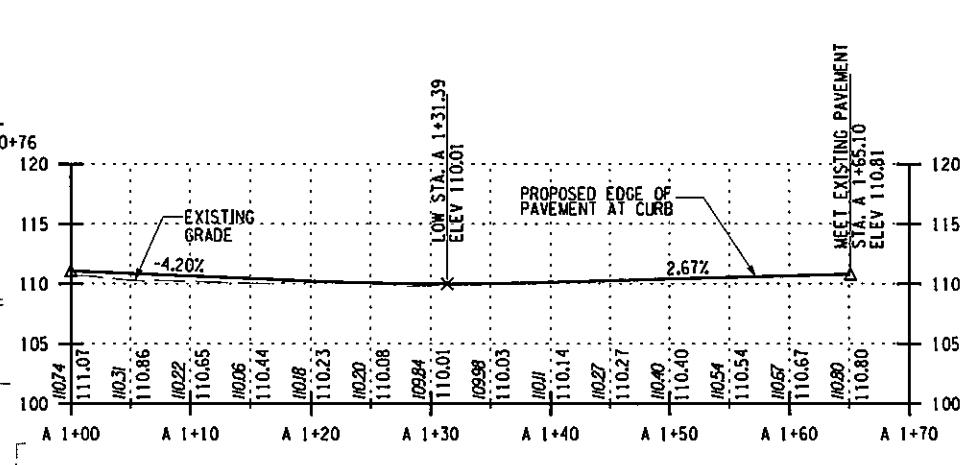
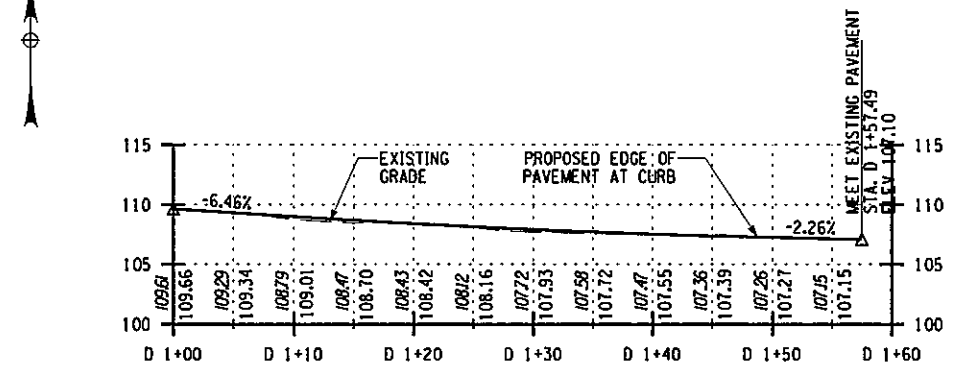
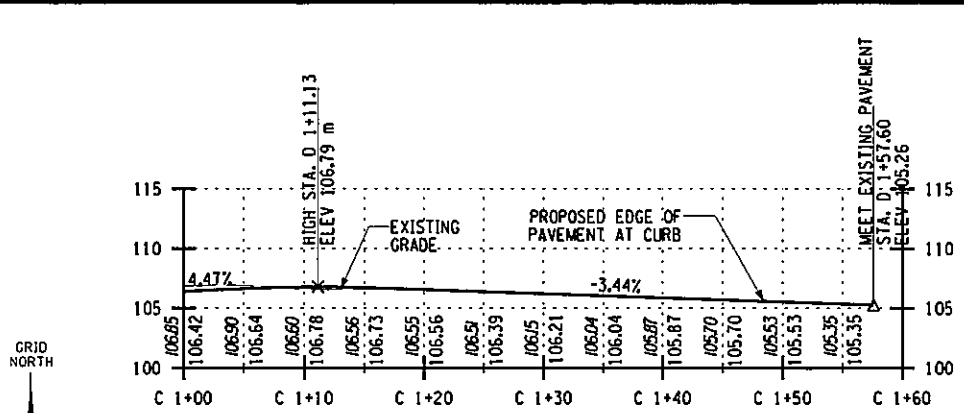
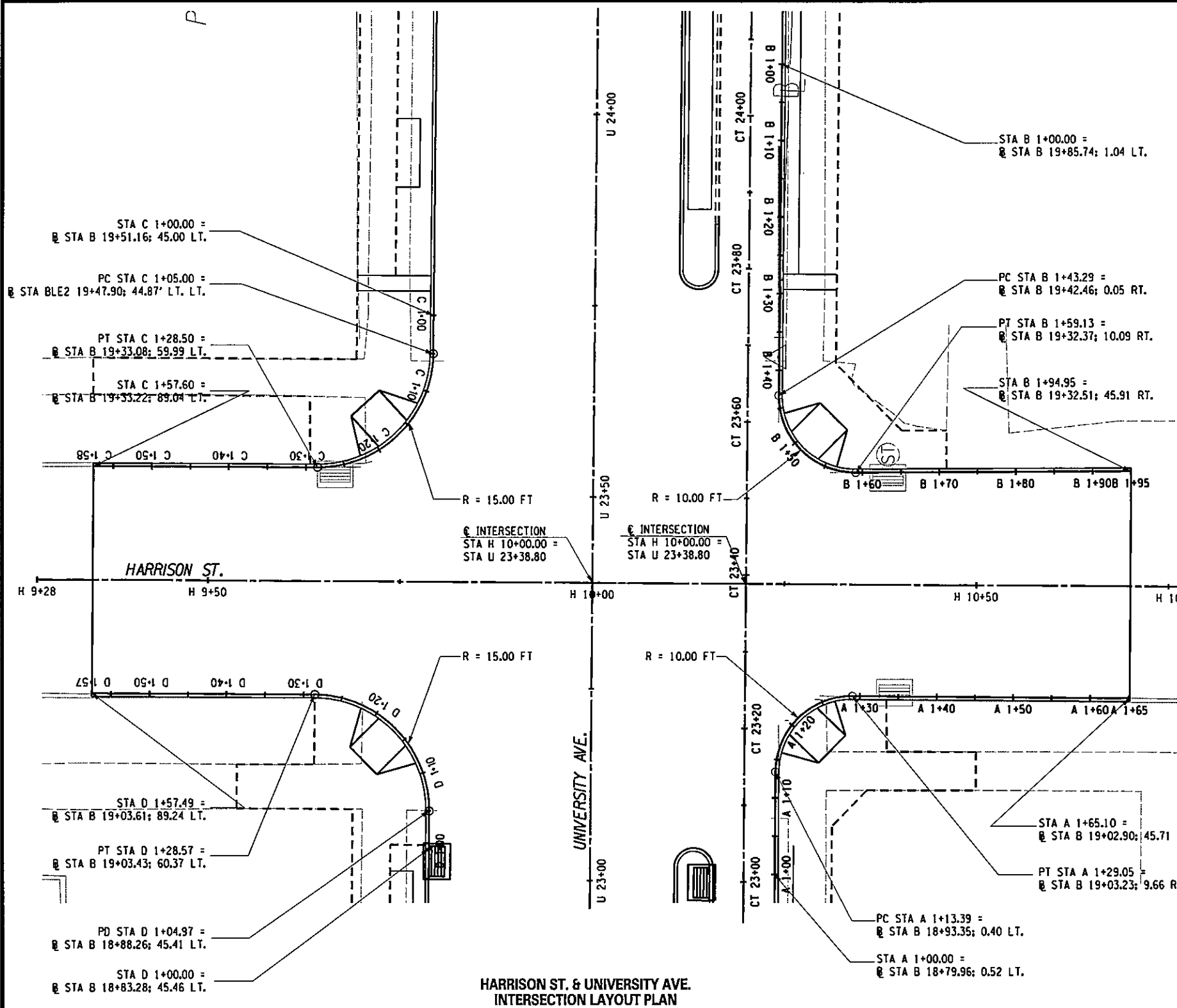
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<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209</small>	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.I.N. 3754.46
CITY OF SYRACUSE	ONONDAGA COUNTY
CONTRACT 1	
INTERSECTION CURB LAYOUT	
SCALE: 1/8" = 1'-0"	
DATE ISSUED: 4/2011	
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G-2	



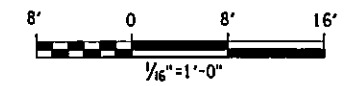
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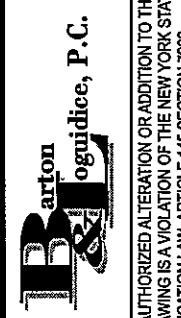
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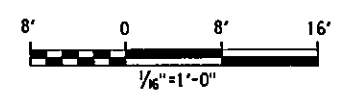
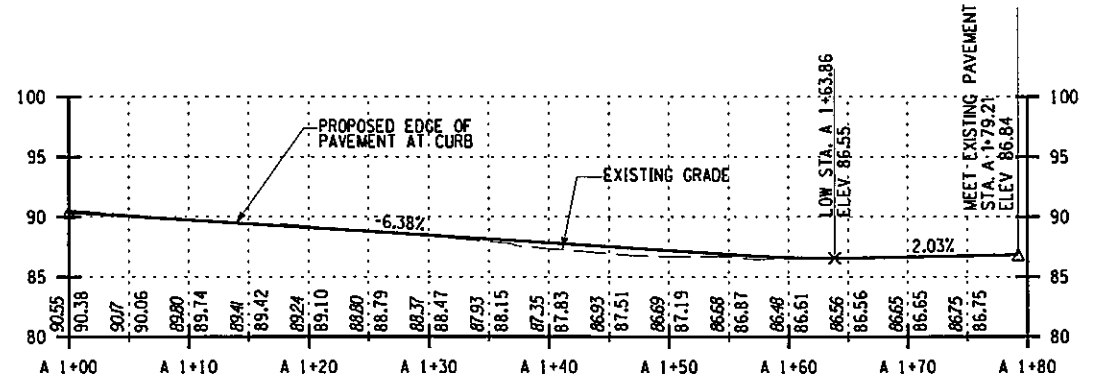
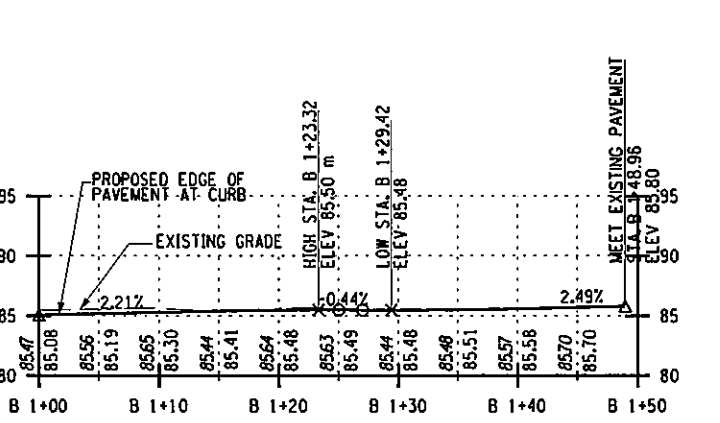
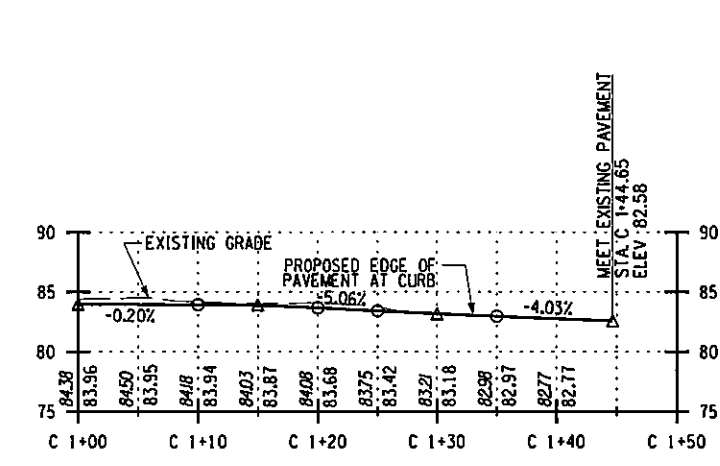
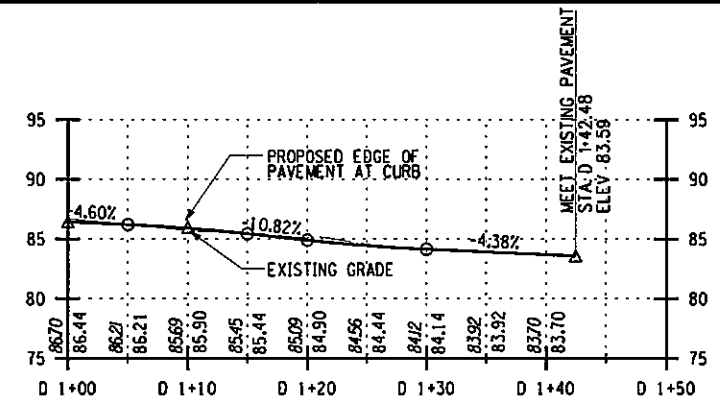
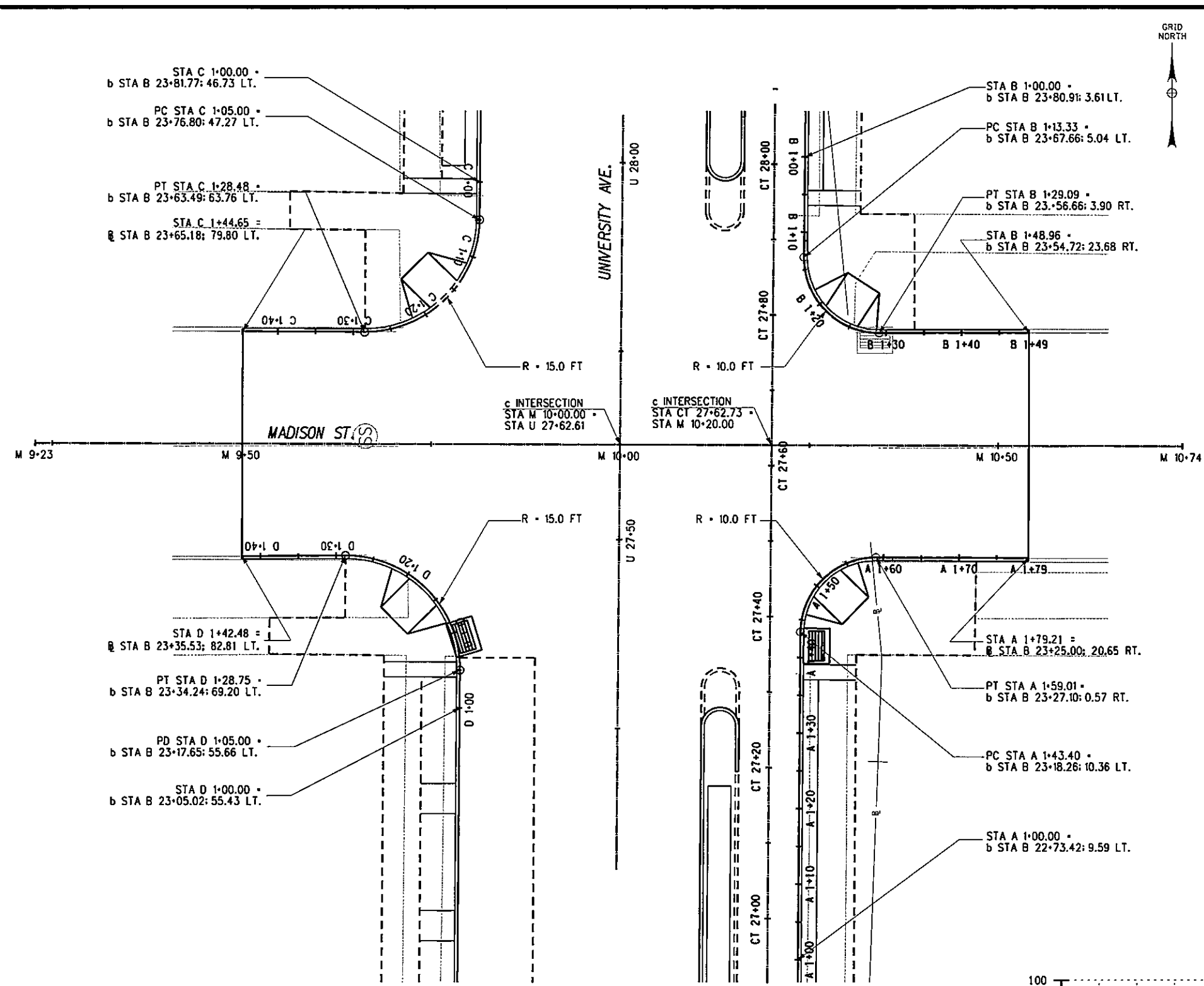
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



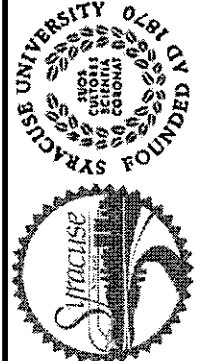
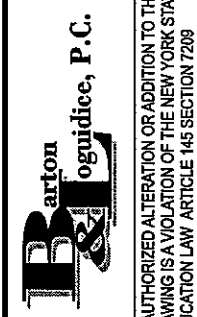
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 BARTON & LOGUIDICE, P.C.	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 46 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.I.N. 3754.46
CITY OF SYRACUSE	CONTRACT 1
ONONDAGA COUNTY	
INTERSECTION CURB LAYOUT	
SCALE: 1/8" = 1'-0"	
DATE ISSUED: 4/2011	
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IN CHARGE OF JPD DESIGN BY MCB CHECKED BY JPD/CAW ESTIMATED BY GLE CHECKED BY PJB DRAFTED BY MCB CHECKED BY GRW

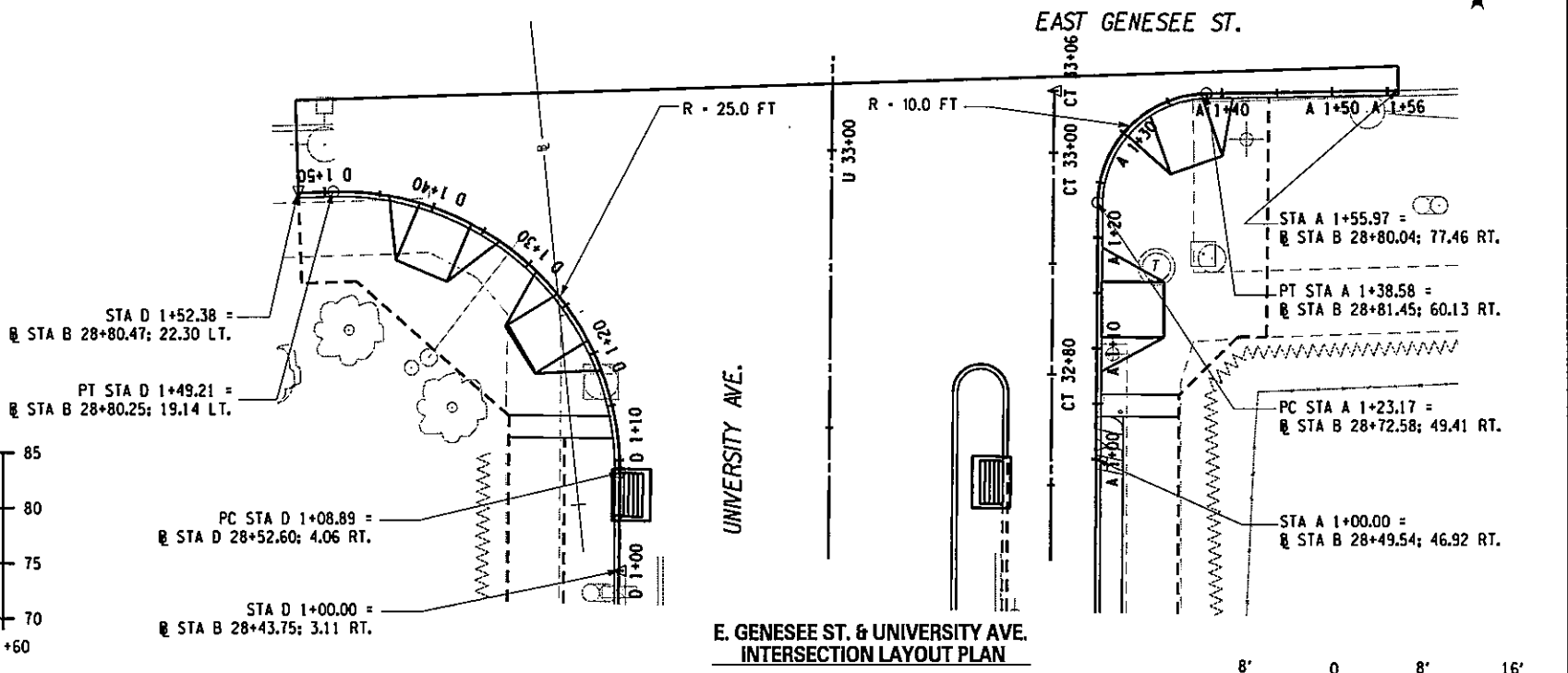
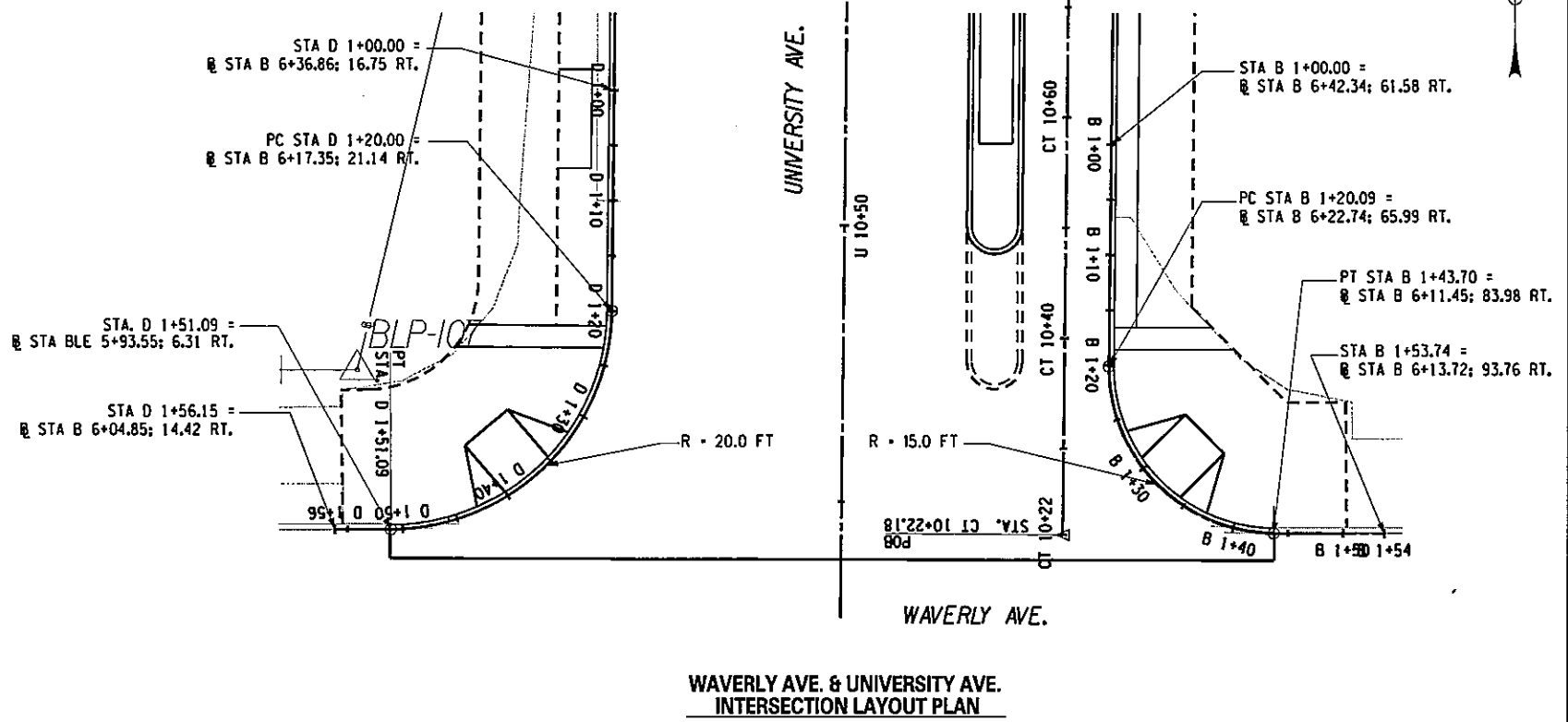
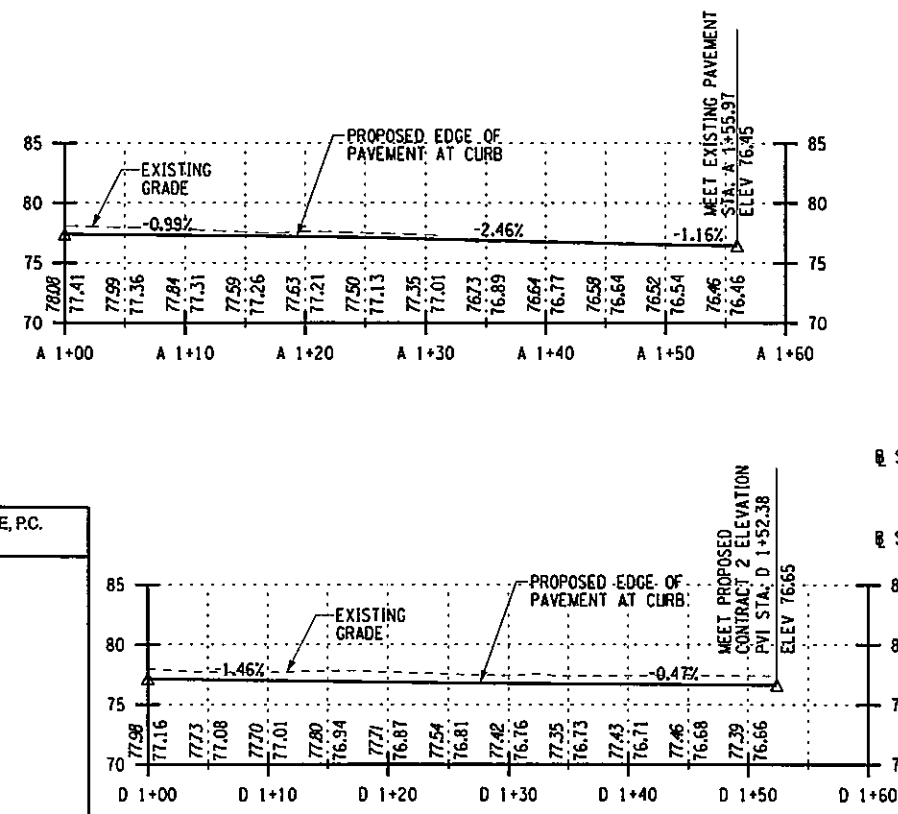
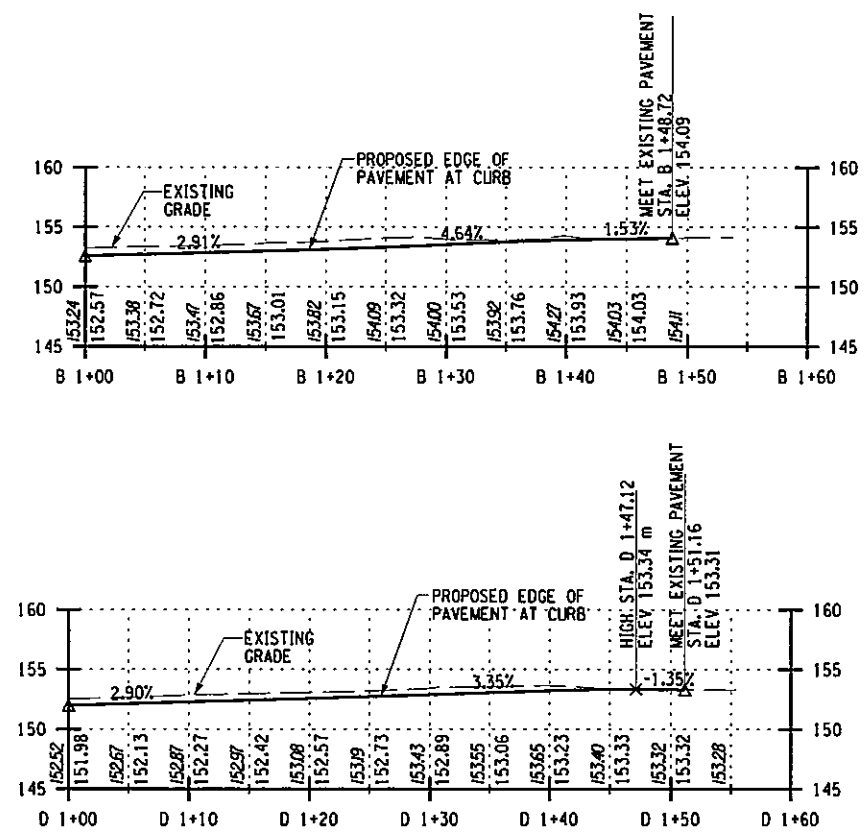


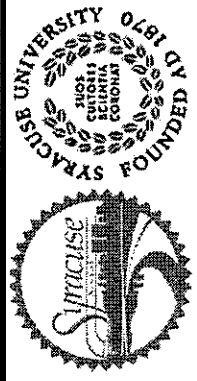
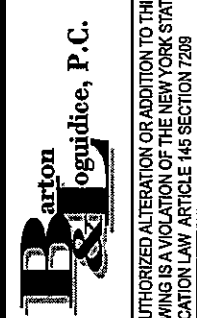
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

NO. DATE BY REVISION	
	
	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
INTERSECTION CURB LAYOUT SCALE: 1/16" = 1'-0" DATE ISSUED: 4/2011 DRAWING G-4	

IN CHARGE OF JPD DESIGN BY MCB CHECKED BY JPD/CAW ESTIMATED BY GLE CHECKED BY GLE DRAFTED BY MCB CHECKED BY PUZ GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



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NO. DATE	REVISION
	
	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
INTERSECTION CURB LAYOUT	
SCALE: 1/16" = 1'-0"	
DATE ISSUED: 4/2011	
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IN CHARGE OF JPD DESIGN BY ASK CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY AJZ DRAFTED BY AJZ CHECKED BY GRW

**TABLE OF ALTERING DRAINAGE STRUCTURES, LEACHING BASINS, AND MANHOLES, ITEM 604.0703 YY**



EXISTING DRAINAGE STRUCTURE/ MH	"YY"	STATION	SIDE	OFFSET (FT)	TYPE	ELEVATION
100	01	U 10+74.10	LT	4.53	SS	151.96
101	02	U 12+19.58	LT	4.97	SS	147.72
102	03	U 13+08.29	RT	20.94	ELEC. M.H.	145.20
103	04	U 13+51.07	LT	5.05	SS	143.84
104	05	U 13+81.94	RT	8.66	TEL. M.H.	143.04
105	06	U 13+96.94	LT	5.16	SS	142.44
106	07	U 14+01.54	RT	8.96	TEL. M.H.	142.45
107	08	U 14+17.13	RT	34.65	ELEC. M.H.	141.24
108	09	U 14+20.32	RT	27.39	TEL. M.H.	142.69
109	10	U 14+63.04	RT	19.96	TEL. M.H.	140.54
110	11	U 15+43.79	RT	29.69	DMH	138.60
111	12	U 16+55.60	RT	20.50	SIG. M.H.	134.23
112	13	U 16+86.29	LT	5.85	SS	133.05
113	14	U 17+52.92	RT	34.34	M.H.	130.18
114	15	U 17+61.33	LT	28.31	SIG. M.H.	130.81
115	16	U 17+80.16	LT	33.57	SS	129.27
116	17	U 17+84.13	RT	8.39	TEL. M.H.	129.82
117	18	U 18+01.66	LT	25.69	SIG. M.H.	129.34
118	19	U 18+03.39	RT	27.77	TEL. M.H.	129.97
119	20	U 18+08.40	RT	22.86	M.H.	129.18
120	21	U 18+26.78	RT	21.95	ELEC. M.H.	128.45
121	22	U 18+34.86	LT	17.80	SIG. M.H.	127.63
122	23	U 18+35.20	LT	4.81	SS	127.87
123	24	U 23+06.89	LT	17.01	MH	109.68
124	25	U 23+22.20	RT	36.59	SIG. M.H.	108.96
125	26	U 23+37.39	RT	1.41	SS	109.00
126	27	U 23+43.67	RT	8.43	TEL. M.H.	108.84
127	28	U 23+55.86	RT	38.28	DMH	108.53
128	29	U 23+57.89	LT	27.24	SIG. M.H.	107.79
129	30	U 23+58.35	RT	33.56	SIG. M.H.	107.30
130	31	U 23+63.40	RT	28.91	TEL. M.H.	109.48
131	32	U 23+90.33	LT	19.21	SIG. M.H.	105.86
132	33	U 23+96.55	LT	2.07	SS	106.02
133	34	U 27+63.41	LT	33.75	SS	84.81
134	35	U 27+70.27	RT	8.98	TEL. M.H.	85.83
135	36	U 27+86.68	RT	29.13	TEL. M.H.	86.15
136	37	U 28+11.60	LT	4.47	SS	84.12
137	38	U 30+98.90	LT	18.51	SIG. M.H.	79.53
138	39	U 32+69.27	LT	17.34	DMH	77.08
139	40	U 32+78.89	LT	20.73	SIG. M.H.	77.47
140	41	U 32+80.93	RT	18.26	SIG. M.H.	77.21
141	42	U 32+89.73	RT	29.29	TEL. M.H.	77.86
142	43	U 33+10.45	RT	9.62	TEL. M.H.	76.98
143	44	U 14+11.31	RT	41.29	CATCH BASIN	142.39
144	45	U 17+94.95	RT	40.67	CATCH BASIN	129.41
145	46	U 23+24.80	RT	39.40	CATCH BASIN	110.32
146	47	U 23+52.63	RT	33.63	CATCH BASIN	108.15
147	48	U 23+52.80	RT	38.31	CATCH BASIN	108.60
148	49	U 27+76.70	RT	33.53	CATCH BASIN	85.62

**ALTERING WATER VALVES ITEM 663.30**

STATION	QUANTITY (EA)	SIDE	OFFSET (FT)
U 10+22.83	1	RT	5.75
U 11+97.02	1	LT	18.06
U 11+97.58	1	RT	4.05
U 12+57.60	1	RT	6.67
U 12+72.72	1	RT	5.00
U 12+73.54	1	LT	15.47
U 12+74.49	1	RT	3.51
U 12+76.20	1	RT	5.26
U 13+23.63	1	RT	6.84
U 13+27.08	1	RT	6.31
U 13+57.07	1	RT	17.81
U 14+07.34	1	RT	25.41
U 15+87.88	1	LT	18.62
U 15+88.44	1	RT	4.97
U 15+89.72	1	LT	18.41
U 15+90.21	1	RT	0.53
U 15+92.46	1	RT	4.82
U 15+94.59	1	RT	7.00
U 16+00.51	1	LT	21.09
U 16+01.15	1	LT	19.84
U 17+38.33	1	RT	3.95
U 17+40.13	1	RT	2.10
U 17+42.11	1	RT	1.97
U 17+44.04	1	RT	3.94
U 17+89.55	1	LT	28.17
U 19+28.25	1	RT	5.54
U 20+47.46	1	RT	0.48
U 21+68.00	1	RT	5.22
U 22+11.15	1	LT	17.90
U 23+47.89	1	RT	26.05
U 24+43.47	1	RT	23.67
U 24+48.93	1	RT	17.31
U 25+04.82	1	RT	16.71
U 26+18.73	1	RT	2.51
U 27+38.76	1	RT	3.07
U 27+55.71	1	RT	26.26
U 32+03.79	1	RT	1.48
U 32+05.78	1	RT	3.79
U 32+90.37	1	RT	2.31

**TABLE OF DRAINAGE STRUCTURE REMOVAL**



EXISTING DS. NO.	STATION	SIDE	OFFSET (FT)	DESCRIPTION
200	U 13+57.79	LT	13.72	REMOVE EXISTING CATCH BASIN
201	U 13+60.91	RT	14.15	REMOVE EXISTING CATCH BASIN
202	U 17+47.12	LT	14.25	REMOVE EXISTING CATCH BASIN
203	U 17+48.10	RT	13.84	REMOVE EXISTING CATCH BASIN
204	U 21+54.50	RT	13.87	REMOVE EXISTING CATCH BASIN
205	U 23+07.36	LT	14.12	REMOVE EXISTING CATCH BASIN
206	U 25+26.32	LT	14.21	REMOVE EXISTING CATCH BASIN
207	U 27+25.78	LT	14.31	REMOVE EXISTING CATCH BASIN
208	U 32+88.99	LT	14.05	REMOVE EXISTING CATCH BASIN
209	U 32+69.91	RT	14.35	REMOVE EXISTING CATCH BASIN

**ALTERING EXISTING VALVES ITEM 663.33**



STATION	SIDE	OFFSET (FT)	TYPE	ELEVATION
U 13+50.97	RT	18.13	SANITARY VALVE	144.08
U 31+77.34	LT	22.81	VENT	78.96
U 32+59.84	LT	20.74	VENT	77.72

**RELOCATE EXISTING UTILITY POLES (BY OTHERS)**

CL STATION	OFFSET (FT)	SIDE	DESCRIPTION
U 10+49.97	17.88	RT	#7113
U 12+01.30	16.74	RT	#7112
U 13+32.25	17.8	RT	#7111
U 13+87.66	22.96	LT	LIGHT POLE NO#
U 14+19.99	22.77	LT	LIGHT POLE NO#
U 14+41.26	24.74	RT	#11299
U 15+28.52	24.76	RT	#11298
U 16+16.11	24.7	RT	#11297
U 17+03.43	24.54	RT	#11296
U 17+38.78	17.23	RT	#NM 32 (UTIL'S GO U.G.)
U 18+13.46	18.08	RT	#31
U 18+80.90	18.65	RT	#NM 30 NYT 128
U 20+07.08	17.2	RT	#NH 29 NYT 127
U 21+12.09	17.38	RT	#NM 28
U 22+14.92	16.53	RT	#NYT 125 NM 27
U 22+16.86	17.04	RT	#X 1821 NG27 L1651
U 22+96.61	17.98	RT	#NM 26 24
U 23+20.49	33.61	RT	# NM 6 NYT 44
U 23+60.66	33.76	LT	#43 43
U 23+71.68	17.05	RT	#NM 5 NYNEX 123-2
U 24+37.04	16.72	RT	#NM 24 NYT 123
U 25+33.61	17.02	RT	#3 122
U 26+39.68	17.26	RT	#NM 22 NYT 121
U 27+26.22	17.62	RT	#NM 21
U 27+29.33	17.65	RT	# NYT 120
U 28+55.79	18.95	RT	#V Z119
U 28+58.77	17.27	RT	# NYT 1
U 28+91.40	19.6	LT	#NM 20-1
U 29+62.89	18.22	RT	#LI 651 NM 19 NYT 118
U 30+77.41	16.78	RT	#NYT 117
U 31+34.13	19.86	LT	#18-1
U 31+52.08	17.01	RT	#NYT 116
U 32+75.28	19.76	RT	#NM 16 VZ 115
U 33+00.04	45.82	LT	#NM 23 VZ 23

**TABLE OF PIPE REMOVAL**

CL STATION	SIDE (LT/RT)	DESCRIPTION	LENGTH (FT)
U 10+41.13	RT	REMOVE EXISTING 6" PIPE	2.0
U 12+07.26	LT	REMOVE EXISTING 6" PIPE	2.0
U 13+57.11	RT	REMOVE EXISTING 6" PIPE	2.0
U 13+57.62	LT	REMOVE EXISTING 12" CIP	2.0
U 13+60.93	RT	REMOVE EXISTING 8" PVC	2.0
U 14+34.63	LT	REMOVE EXISTING 6" PIPE	2.0
U 17+47.12	LT	REMOVE EXISTING 12" VTP	2.0
U 17+48.11	RT	REMOVE EXISTING 10" PVC	2.0
U 18+15.22	RT	REMOVE EXISTING 6" PIPE	2.0
U 21+54.50	RT	REMOVE EXISTING 10" PIPE	2.0
U 23+07.34	LT	REMOVE EXISTING 10" PIPE	2.0
U 23+66.14	RT	REMOVE EXISTING 6" PIPE	2.0
U 25+26.36	LT	REMOVE EXISTING 10" PIPE	2.0
U 25+26.31	LT	REMOVE EXISTING 6" PVC	2.0
U 27+25.76	LT	REMOVE EXISTING 10" PIPE	2.0
U 27+97.55	RT	REMOVE EXISTING 4" PIPE	2.0
U 32+69.27	LT	REMOVE EXISTING 10" PIPE	2.0
U 32+69.63	RT	REMOVE EXISTING 10" PIPE	2.0
U 32+77.77	RT	REMOVE EXISTING 6" PIPE	2.0
TOTAL:			38.0

**TABLE OF TREE STUMP REMOVAL ITEM 614.0394**

CL STATION	OFFSET (FT)	SIDE	DESCRIPTION
U 10+42.58	33.21	RT	6" TRIPLE CHERRY
U 10+59.17	26.48	RT	6" MAPLE
U 10+84.32	26.23	RT	6" MAPLE
U 11+10.30	25.85	RT	6" MAPLE
U 11+31.22	26.86	RT	6" MAPLE
U 11+69.98	20.24	LT	18" SYCAMORE
U 12+55.37	20.30	LT	15" LOCUST
U 12+72.06	25.84	RT	12" MAPLE
U 13+20.45	25.19	RT	12" MAPLE
U 13+44.22	26.12	RT	12" MAPLE
U 15+04.36	20.43	LT	12" LOCUST
U 15+40.76	20.23	LT	12" LOCUST
U 15+76.63	19.26	LT	15" LOCUST
U 16+10.66	18.76	LT	15" LOCUST
U 16+44.59	19.33	LT	15" LOCUST
U 18+82.44	18.68	LT	24" SYCAMORE
U 19+67.02	18.95	LT	18" SYCAMORE
U 25+01.81	18.93	LT	18" SYCAMORE
U 26+05.44	31.08	LT	12" MAPLE
U 26+06.97	30.36	LT	12" MAPLE
U 26+14.12	23.59	RT	30" MAPLE
U 26+52.02	21.61	RT	8" MAPLE
U 26+78.79	20.91	RT	15" MAPLE
U 28+33.65	19.36	LT	12" LOCUST
U 28+49.10	20.92	RT	10" TWIN CHERRY
U 28+68.86	19.40	LT	12" LOCUST
U 29+14.97	19.18	LT	12" LOCUST
U 29+55.13	18.39	LT	12" LOCUST
U 29+95.48	17.96	LT	10" LOCUST
U 31+54.41	24.11	RT	30" MAPLE
U 31+61.38	19.48	LT	24" SYCAMORE
U 32+50.32	21.11	RT	18" CHERRY

**INSTALL FIRE HYDRANT ITEM 663.13NN**

"NN"	CL STATION	SIDE	OFFSEST (FT)
01	U 10+37.03	RT	26.21
02	U 11+28.69	LT	24.1
03	U 13+61.20	RT	25.5
04	U 14+45.83	LT	22.27
05	U 18+15.39	RT	25.45
06	U 23+73.98	RT	25.82
07	U 27+92.98	RT	25.73
08	U 32+79.50	RT	25.74

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NO. DATE BY REVISION

UNIVERSITY OF THE STATE OF SYRACUSE  
 COLLEGE OF FORESTRY  
 SYRACUSE, NY 13210  
 FOUNDED 1848

BRATON  
 Cognice, P.C.

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EAST GENESEE STREET  
 CONNECTIVE CORRIDOR

CITY OF SYRACUSE  
 ONONDAGA COUNTY

CONTRACT 1  
 P.I.N. 3754.46

MISCELLANEOUS TABLES

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 MT-1

IN CHARGE OF JPD DESIGN BY ASK CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY ASK DRAFTED BY AJY CHECKED BY PJZ GRW

TABLE OF WHITE PAVEMENT STRIPING ITEM 685.11							
ALIGN	CL STATION		SIDE	DESCRIPTION	FACTOR	LENGTH (FT)	QUANTITY (FT)
	FROM	TO					
W	9+24.00	9+63.00	RT	LANE LINE	1	39.0	39.0
W	9+63.00	--	RT	STOP BAR	6	19.9	119.4
W	9+70.00	--	LT/RT	CROSSWALK	3	86.5	259.5
W	10+29.00	--	LT/RT	CROSSWALK	3	86.8	260.4
W	10+36.00	--	LT	STOP BAR	6	22.5	135.0
W	10+36.00	10+77.00	LT	LANE LINE	1	41.0	41.0
U	10+28.00	--	LT/RT	CROSSWALK	3	104.3	312.9
U	10+35.00	--	LT	STOP BAR	6	22.4	134.4
U	10+35.00	11+35.00	LT	LANE LINE	1	100.0	100.0
CT	10+50.00	--	LT	STOP BAR	6	4.0	24.0
CT	10+50.00	13+72.00	CENTER	BROKEN LINE	0.25	322.0	80.5
U	11+35.00	11+76.00	LT	BROKEN LINE	0.25	41.0	10.3
U	13+68.00	--	RT	STOP BAR	6	11.0	66.0
CT	13+72.00	--	RT	STOP BAR	6	4.0	24.0
U	13+79.00	--	LT/RT	CROSSWALK	3	106.0	318.0
ME	10+29.00	--	LT/RT	CROSSWALK	3	57.4	172.2
MW	9+71.00	--	LT/RT	CROSSWALK	3	37.4	112.2
U	14+26.50	--	LT/RT	CROSSWALK	3	108.9	326.7
U	14+33.50	--	LT	STOP BAR	6	19.0	114.0
CT	14+36.00	--	LT	STOP BAR	6	4.0	24.0
CT	14+36.00	17+44.00	CENTER	BROKEN LINE	0.25	308.0	77.0
CT	17+44.00	--	RT	STOP BAR	6	4.0	24.0
U	17+45.00	--	RT	STOP BAR	6	11.7	70.2
U	17+54.00	--	LT/RT	CROSSWALK	3	112.7	338.1
A	9+62.00	--	LT/RT	STOP BAR	6	30.1	180.6
A	9+69.00	--	LT/RT	CROSSWALK	3	55.9	167.7
A	10+32.00	--	LT/RT	CROSSWALK	3	53.4	160.2
U	18+06.00	--	LT/RT	CROSSWALK	3	113.0	339.0
U	18+13.00	--	LT	STOP BAR	6	21.0	126.0
U	18+13.00	19+13.00	LT	LANE LINE	1	100.0	100.0
CT	18+18.00	--	LT	STOP BAR	6	4.0	24.0
CT	18+18.00	23+04.00	CENTER	BROKEN LINE	0.25	486.0	121.5
U	19+13.00	20+50.00	LT	BROKEN LINE	0.25	137.0	34.3
U	22+14.00	23+04.00	CENTER	LANE LINE	1	90.0	90.0
U	23+04.00	--	CENTER	STOP BAR	6	22.4	134.4
CT	23+04.00	--	RT	STOP BAR	6	4.0	24.0
U	23+19.00	--	LT/RT	CROSSWALK	3	100.5	301.5
H	9+63.00	--	RT	STOP BAR	6	15.1	90.8
H	9+72.00	--	LT/RT	CROSSWALK	3	60.0	180.0
H	10+29.00	--	LT/RT	CROSSWALK	3	55.6	166.8
H	10+44.00	--	LT	STOP BAR	6	14.7	87.9
U	23+59.00	--	LT/RT	CROSSWALK	3	100.5	301.5
U	23+77.00	--	LT	STOP BAR	6	21.0	126.0
U	23+77.00	24+64.00	LT	LANE LINE	1	87.0	87.0
U	24+64.00	25+00.00	LT	BROKEN LINE	0.25	36.0	9.0
CT	23+80.00	--	LT	STOP BAR	6	4.0	24.0
CT	23+80.00	27+27.00	CENTER	BROKEN LINE	0.25	347.0	86.8
U	27+27.00	--	RT	STOP BAR	6	11.7	70.2
CT	27+27.00	--	RT	STOP BAR	6	4.0	24.0
U	27+42.00	--	LT/RT	CROSSWALK	3	101.8	305.4
M	9+66.00	--	RT	STOP BAR	6	15.0	90.0
M	9+73.00	--	LT/RT	CROSSWALK	3	60.3	180.9
M	10+31.00	--	LT/RT	CROSSWALK	3	54.3	162.9
M	10+38.00	--	LT	STOP BAR	6	14.9	89.4
U	27+84.00	--	LT/RT	CROSSWALK	3	100.4	301.2
U	27+91.00	--	LT	STOP BAR	6	19.0	114.0
CT	28+00.00	--	LT	STOP BAR	6	4.0	24.0
CT	28+00.00	32+78.00	CENTER	BROKEN LINE	0.25	478.0	119.5
CT	32+78.00	--	RT	STOP BAR	6	4.0	24.0
U	32+78.00	--	RT	STOP BAR	6	11.0	66.0
U	32+85.00	--	LT/RT	CROSSWALK	3	94.3	282.9
TOTAL:							8000.1

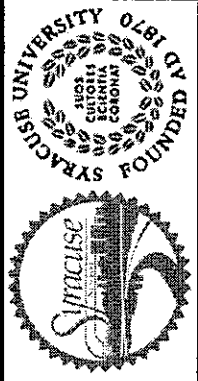
TABLE OF YELLOW PAVEMENT STRIPING ITEM 685.12							
ALIGN	CL STATION		SIDE	DESCRIPTION	FACTOR	LENGTH (FT)	QUANTITY (FT)
	FROM	TO					
W	9+24.00	9+63.00	CENTER	FULL BARRIER	2	39.0	78.0
W	10+36.00	10+77.00	CENTER	FULL BARRIER	2	41.0	82.0
U	10+35.00	13+66.00	CENTER	FULL BARRIER	2	331.0	662.0
U	14+33.50	17+45.00	CENTER	FULL BARRIER	2	311.5	623.0
U	18+13.00	21+53.00	CENTER	FULL BARRIER	2	340.0	680.0
U	21+15.00	22+14.00	LEFT	MEDIAN HATCH	6	50.2	301.2
U	21+15.00	21+75.00	LEFT	FULL BARRIER	2	60.8	121.6
U	21+53.00	22+14.00	LEFT	FULL BARRIER	2	61.8	123.6
U	21+75.00	23+04.00	LEFT	FULL BARRIER	2	129.0	258.0
H	9+35.00	9+63.00	CENTER	FULL BARRIER	2	28.0	56.0
H	10+44.00	10+70.00	CENTER	FULL BARRIER	2	26.0	52.0
U	23+77.00	27+27.00	CENTER	FULL BARRIER	2	350.0	700.0
M	9+50.00	9+66.00	CENTER	FULL BARRIER	2	16.0	32.0
M	10+38.00	10+54.00	CENTER	FULL BARRIER	2	16.0	32.0
U	27+91.00	32+78.00	CENTER	FULL BARRIER	2	487.0	974.0
TOTAL:							4775.4

TABLE OF WHITE PAVEMENT LETTERS ITEM 685.13				
ALIGN	CL STATION	SIDE	DESCRIPTION	QUANTITY (EA)
U	10+72.00	LT	"ONLY"	4
U	10+72.00	LT	"ONLY"	4
U	11+18.00	LT	"ONLY"	4
U	11+18.00	LT	"ONLY"	4
U	13+55.00	LT	"BUS"	3
U	17+25.00	LT	"BUS"	3
U	18+48.00	LT	"ONLY"	4
U	18+93.00	LT	"ONLY"	4
U	22+61.00	LT	"ONLY"	4
U	24+12.00	LT	"ONLY"	4
U	24+56.00	LT	"ONLY"	4
U	26+96.00	LT	"BUS"	3
TOTAL:				45


TABLE OF WHITE PAVEMENT SYMBOLS ITEM 685.14				
ALIGN	CL STATION	SIDE	DESCRIPTION	QUANTITY (EA)
CT	10+59.00	LT	BIKE THROUGH ARROW	1
CT	10+59.00	RT	BICYCLIST	1
U	10+59.00	LT	LEFT TURN ARROW	1
U	10+59.00	LT	RIGHT TURN ARROW	1
CT	10+71.00	RT	BIKE THROUGH ARROW	1
CT	10+71.00	LT	BICYCLIST	1
U	11+05.00	LT	LEFT TURN ARROW	1
U	11+05.00	LT	RIGHT TURN ARROW	1
CT	11+50.00	RT	YIELD LINE MARKING	1
CT	11+85.00	LT	YIELD LINE MARKING	1
CT	12+15.00	RT	YIELD LINE MARKING	1
CT	12+50.00	LT	YIELD LINE MARKING	1
CT	13+51.00	LT	BIKE THROUGH ARROW	1
CT	13+51.00	RT	BICYCLIST	1
CT	13+63.00	RT	BIKE THROUGH ARROW	1
CT	13+63.00	LT	BICYCLIST	1
CT	14+45.00	LT	BIKE THROUGH ARROW	1
CT	14+45.00	RT	BICYCLIST	1
CT	14+56.00	RT	BIKE THROUGH ARROW	1
CT	14+56.00	LT	BICYCLIST	1
CT	17+23.00	LT	BIKE THROUGH ARROW	1
CT	17+23.00	RT	BICYCLIST	1
CT	17+35.00	RT	BIKE THROUGH ARROW	1
CT	17+35.00	LT	BICYCLIST	1
CT	18+27.00	LT	BIKE THROUGH ARROW	1
CT	18+27.00	RT	BICYCLIST	1
U	18+34.00	LT	LEFT TURN ARROW	1
CT	18+39.00	RT	BIKE THROUGH ARROW	1
CT	18+39.00	LT	BICYCLIST	1
U	18+80.00	LT	LEFT TURN ARROW	1
U	22+78.00	RT	RIGHT/THROUGH ARROW	1
U	22+78.00	LT	LEFT TURN ARROW	1
CT	22+83.00	LT	BIKE THROUGH ARROW	1
CT	22+83.00	RT	BICYCLIST	1
CT	22+95.00	RT	BIKE THROUGH ARROW	1
CT	22+95.00	LT	BICYCLIST	1
CT	23+89.00	LT	BIKE THROUGH ARROW	1
CT	23+89.00	RT	BICYCLIST	1
U	23+98.00	LT	RIGHT/THROUGH ARROW	1
U	23+98.00	LT	LEFT TURN ARROW	1
CT	24+01.00	RT	BIKE THROUGH ARROW	1
CT	24+01.00	LT	BICYCLIST	1
U	24+43.00	LT	RIGHT/THROUGH ARROW	1
U	24+43.00	LT	LEFT TURN ARROW	1
CT	25+11.00	RT	YIELD LINE MARKING	1
CT	25+37.00	LT	YIELD LINE MARKING	1
CT	25+51.00	RT	YIELD LINE MARKING	1
CT	25+82.00	LT	YIELD LINE MARKING	1
CT	27+06.00	LT	BIKE THROUGH ARROW	1
CT	27+06.00	RT	BICYCLIST	1
CT	27+18.00	RT	BIKE THROUGH ARROW	1
CT	27+18.00	LT	BICYCLIST	1
CT	28+09.00	LT	BIKE THROUGH ARROW	1
CT	28+09.00	RT	BICYCLIST	1
CT	28+21.00	RT	BIKE THROUGH ARROW	1
CT	28+21.00	LT	BICYCLIST	1
CT	28+59.00	RT	YIELD LINE MARKING	1
CT	28+94.00	LT	YIELD LINE MARKING	1
CT	29+18.00	RT	YIELD LINE MARKING	1
CT	29+45.00	LT	YIELD LINE MARKING	1
CT	29+83.00	RT	YIELD LINE MARKING	1
CT	30+17.00	LT	YIELD LINE MARKING	1
CT	30+84.00	RT	YIELD LINE MARKING	1
CT	31+16.00	LT	YIELD LINE MARKING	1
CT	32+57.00	LT	BIKE THROUGH ARROW	1
CT	32+57.00	RT	BICYCLIST	1
CT	32+69.00	RT	BIKE THROUGH ARROW	1
CT	32+69.00	LT	BICYCLIST	1
TOTAL:				68

NO.	DATE	BY	REVISION

42  
127



**Syracuse University**  
 UNIVERSITY OF THE STATE OF NEW YORK  
 SYRACUSE



**Barton Cognice, P.C.**

EAST GENESEE STREET  
CONNECTIVE CORRIDOR

CITY OF SYRACUSE

ONONDAGA COUNTY

CONTRACT 1

P.I.N. 3754.46

MISCELLANEOUS TABLES

SCALE: NONE

DATE ISSUED: 4/2011

DRAWING: MT-2

IN CHARGE OF JPD DESIGN BY ASK CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY AJY DRAFTED BY PJZ CHECKED BY GRW

TABLE OF CONCRETE FOR SIDEWALKS ITEM 608.0101-70							
CENTERLINE STATION			SIDE	LENGTH (FT)	WIDTH (FT)	THICKNESS (IN)	QUANTITY (CY)
ALIGN	FROM	TO					
U	10+22.49	10+40.67	LT	17.8	16.7	5.0	4.6
U	10+23.04	10+42.91	RT	20.1	14.5	5.0	4.5
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT WAVERLY AVE. INTERSECTION CURB RADII			LT/RT	-	-	2.0	4.2
U	10+40.67	13+66.70	LT	326.0	7.0	5.0	35.2
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			LT	13.6	7.0	2.0	0.6
U	10+42.91	13+67.62	RT	324.7	5.0	5.0	25.1
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			RT	51.6	5.0	2.0	1.6
U	13+66.70	13+92.51	LT	25.8	16.0	5.0	6.4
U	13+67.62	13+81.79	RT	14.2	14.0	5.0	3.1
U	14+12.62	14+33.18	RT	20.7	16.7	5.0	5.3
U	14+14.90	14+34.80	LT	20.1	13.7	5.0	4.2
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT MARSHALL ST. INTERSECTION CURB RADII			LT/RT	-	-	2.0	5.4
U	14+33.18	17+50.20	RT	317.0	5.0	5.0	24.5
U	14+34.80	14+85.24	LT	50.4	5.0	5.0	3.9
U	14+85.24	17+42.61	LT	257.4	7.0	5.0	27.8
U	17+42.61	17+49.11	LT	6.5	10.6	5.0	1.1
U	17+50.20	17+65.05	RT	14.8	17.5	5.0	4.0
U	17+49.11	17+84.02	LT	15.0	18.6	5.0	4.3
U	17+95.07	18+09.50	LT	14.4	18.7	5.0	4.2
U	17+95.59	18+10.39	RT	14.8	14.5	5.0	3.3
U	18+09.50	18+18.90	LT	9.4	9.6	5.0	1.4
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT E. ADAMS ST. INTERSECTION CURB RADII			LT/RT	-	-	2.0	6.0
U	18+10.39	22+84.28	RT	473.9	5.0	5.0	36.6
U	18+18.90	23+04.39	LT	485.5	5.0	5.0	37.5
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			LT	91.2	5.0	2.0	2.8
U	22+84.28	23+07.31	RT	23.0	7.1	5.0	2.5
U	23+04.39	23+09.00	LT	4.6	9.6	5.0	0.7
U	23+07.31	23+23.85	RT	16.6	15.0	5.0	3.8
U	23+09.00	23+23.46	LT	14.5	15.4	5.0	3.4
U	23+53.95	23+67.71	LT	13.8	29.7	5.0	6.3
U	23+54.15	23+67.65	RT	13.5	13.8	5.0	2.9
U	23+67.71	23+76.60	LT	8.9	9.6	5.0	1.3
U	23+67.65	23+84.29	RT	16.6	7.1	5.0	1.8
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT HARRISON ST. INTERSECTION CURB RADII			LT/RT	-	-	2.0	4.2
U	23+76.60	27+34.38	LT	357.8	5.0	5.0	27.6
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			LT	11.0	5.0	2.0	0.3
U	23+84.29	27+34.98	RT	350.7	5.0	5.0	27.1
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			RT	41.3	5.0	2.0	1.3
U	27+34.38	27+47.04	LT	12.7	15.1	5.0	3.0
U	27+34.98	27+47.38	RT	12.4	21.3	5.0	4.1
U	27+77.74	27+95.66	LT	17.9	14.9	5.0	4.1
U	27+78.18	27+93.48	RT	15.3	12.9	5.0	3.0
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT MADISON ST. INTERSECTION CURB RADII			LT/RT	-	-	2.0	4.3
U	27+93.48	32+78.21	RT	484.7	5.0	5.0	37.4
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			RT	108.7	5.0	2.0	3.4
U	27+95.66	32+75.97	LT	480.3	5.0	5.0	37.1
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK IN DRIVEWAY AREAS			LT	106.7	5.0	2.0	3.3
U	32+75.97	32+95.61	LT	19.6	14.6	5.0	4.4
U	32+78.21	33+05.09	RT	26.9	13.1	5.0	5.4
ADDITIONAL CONCRETE THICKNESS OF 2.0 INCHES TO SIDEWALK AT E. GENESEE ST. INTERSECTION CURB RADII			LT/RT	-	-	2.0	4.0
TOTAL:							450.1


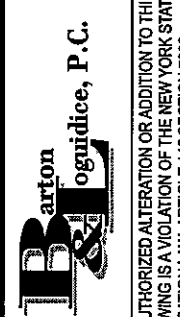
TABLE OF CURB ITEM 609.0203			
CENTERLINE STATION		SIDE	ITEM 609.0203 (FT)
FROM	TO		
U 10+22.02	U 13+93.03	21.0 LT	398.0
U 10+22.53	U 13+81.79	24.0 RT	383.0
U 10+35.72	U 10+47.93	11.0 RT	28.2
U 10+47.93	U 11+52.40	11.0 RT	213.7
U 11+51.71	U 11+83.94	11.0 RT	64.5
U 11+83.24	U 12+16.69	11.0 RT	71.7
U 12+16.01	U 12+48.23	11.0 RT	64.5
U 12+47.53	U 13+61.72	11.0 RT	233.1
U 13+61.02	U 13+71.70	11.0 RT	23.7
U 14+14.78	U 17+84.00	19.0 LT	398.0
U 14+12.62	U 17+65.05	24.0 RT	380.0
U 14+33.99	U 17+44.98	11.0 RT	331.9
U 14+42.07	U 17+36.89	16.0 RT	294.8
U 17+94.95	U 23+23.38	21.0 LT	598.2
U 17+95.60	U 23+23.94	24.0 RT	581.6
U 18+15.55	U 23+03.91	11.0 RT	509.3
U 18+23.63	U 22+95.82	16.0 RT	472.2
U 23+53.83	U 27+46.94	21.0 LT	458.3
U 23+54.38	U 27+47.57	24.0 RT	461.0
U 23+77.64	U 27+27.46	11.0 RT	370.8
U 23+85.72	U 27+19.38	16.0 RT	333.7
U 27+26.77	U 27+32.65	16.0 RT	14.1
U 27+77.58	U 32+95.19	19.0 LT	560.3
U 27+78.30	U 33+05.47	24.0 RT	574.8
U 27+91.49	U 27+98.80	11.0 RT	17.0
U 27+98.11	U 32+80.41	11.0 RT	503.2
U 28+06.19	U 32+72.32	16.0 RT	466.1
TOTAL:			8805.7

TABLE OF DRIVEWAYS							
DWY NO.	STATION	SIDE	LENGTH (FT)	WIDTH (FT)	MATERIAL	LENGTH OF DROP CURB	USE
1	U 10+96.71	LT	15.1	12.6	ASPHALT	18.6	COMMERCIAL
2	U 11+68.25	RT	22.1	23.9	ASPHALT	29.9	COMMERCIAL
3	U 12+31.87	RT	22.6	23.3	ASPHALT	29.3	COMMERCIAL
4	U 19+27.52	LT	24.0	23.1	ASPHALT	29.1	COMMERCIAL
5	U 19+91.35	LT	11.7	17.1	ASPHALT	23.1	COMMERCIAL
6	U 20+33.66	LT	11.7	30.1	ASPHALT	36.1	COMMERCIAL
7	U 22+26.20	LT	13.0	23.3	ASPHALT	29.3	COMMERCIAL
8	U 25+24.18	RT	26.4	15.2	ASPHALT	21.2	COMMERCIAL
9	U 25+66.73	RT	26.9	20.0	ASPHALT	26.0	COMMERCIAL
10	U 26+66.67	LT	13.0	11.0	ASPHALT	17.0	COMMERCIAL
11	U 29+04.46	LT	13.0	8.7	ASPHALT	14.7	COMMERCIAL
12	U 28+76.42	RT	30.4	24.7	ASPHALT	30.7	COMMERCIAL
13	U 29+31.59	RT	26.9	15.8	ASPHALT	21.8	COMMERCIAL
14	U 30+20.18	LT	13.0	21.6	ASPHALT	27.6	COMMERCIAL
15	U 30+71.06	LT	13.0	22.1	ASPHALT	28.1	COMMERCIAL
16	U 32+09.08	LT	14.0	39.0	ASPHALT	45.0	COMMERCIAL
17	U 30+00.19	RT	22.4	24.0	ASPHALT	30.0	COMMERCIAL
18	U 30+99.43	RT	22.4	20.5	ASPHALT	26.5	COMMERCIAL

ALTERING GAS VALVES (BY OTHERS)			
STATION	QUANTITY (EA)	SIDE	OFFSET (FT)
U 14+21.87	1	LT	35.6
U 14+72.28	1	LT	20.78
U 14+72.54	1	LT	19.31
U 15+52.55	1	LT	18.98
U 15+53.34	1	LT	19.29
U 16+79.41	1	LT	29.34
U 16+79.45	1	LT	30.86
U 16+86.54	1	LT	27.99
U 22+79.17	1	LT	18.77
U 27+96.76	1	LT	22.53
U 27+99.22	1	LT	23.46
U 28+01.33	1	LT	23.26
U 32+59.91	1	LT	18.91

REMOVE & STORE EXISTING HYDRANTS ITEM 663.46		
CL STATION	SIDE	OFFSET (FT)
U 10+41.03	RT	18.63
U 12+07.25	LT	19.05
U 13+57.06	RT	20.04
U 14+34.63	LT	17.58
U 18+15.27	RT	16.97
U 23+66.10	RT	20.24
U 27+97.59	RT	17.25
U 32+77.77	RT	23.42

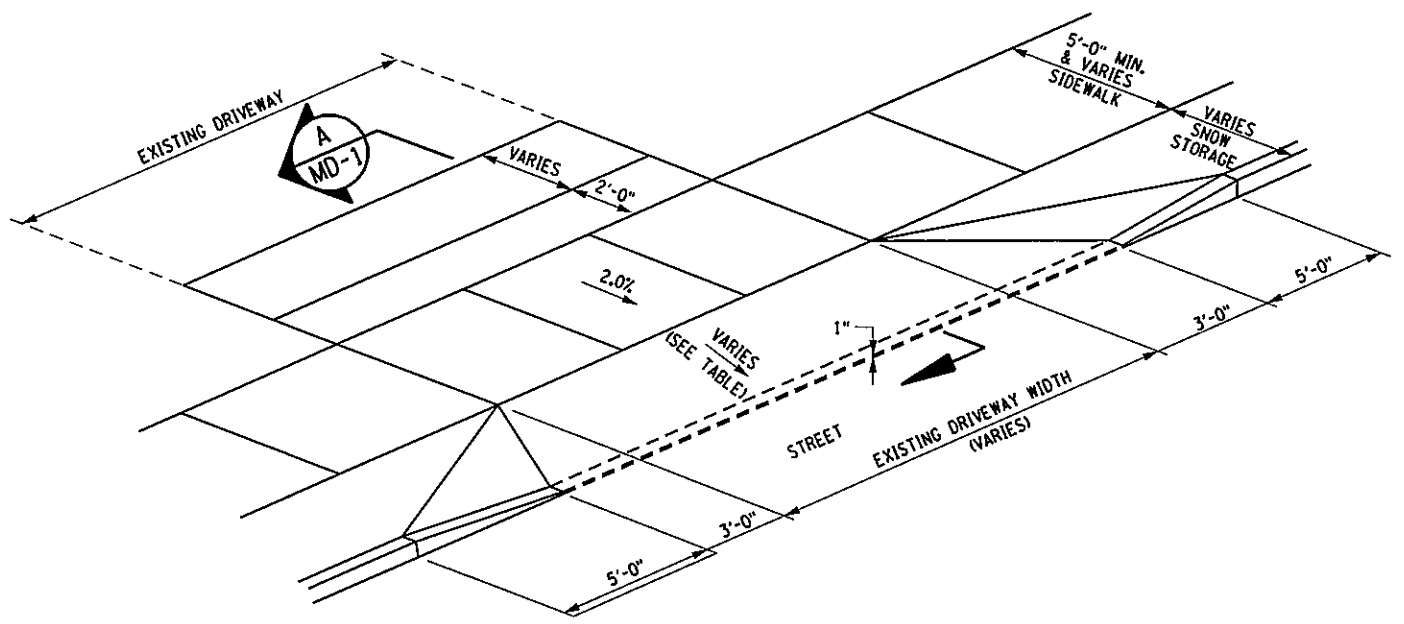
NOTE: TURN OVER EXISTING HYDRANTS TO THE CITY OF SYRACUSE WATER DEPARTMENT

		EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209					
P.I.N. 3754.46					
MISCELLANEOUS TABLES					
SCALE: NONE DATE ISSUED: 4/2011 DRAWING MT-3					

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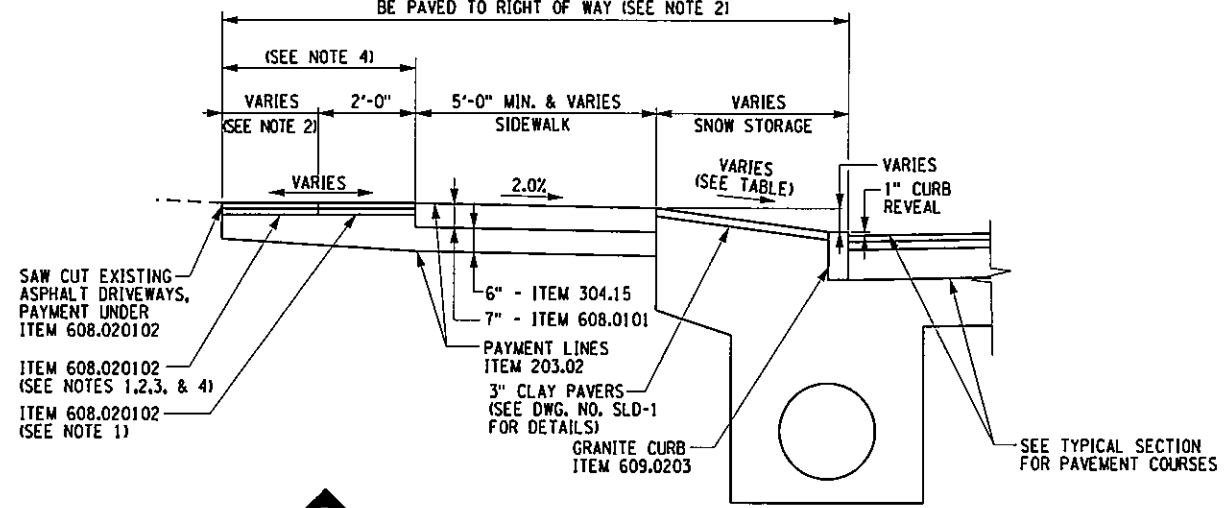
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IN CHARGE OF: JPD DESIGN BY: ASK CHECKED BY: JPD/CAW ESTIMATED BY: ASK CHECKED BY: AJZ DRAFTED BY: AJZ CHECKED BY: GRW



DRIVEWAY ENTRANCE DETAIL - WESTSIDE (LT SIDE)  
 NTS

APPROXIMATE TOTAL LENGTH - SEE DRIVEWAY TABLE ON DWG. NO. MT-3, MIN. 10'-0"  
 FOR RESIDENTIAL DRIVEWAYS, COMMERCIAL DRIVEWAYS TO  
 BE PAVED TO RIGHT OF WAY (SEE NOTE 2)



DRIVEWAY - WESTSIDE (LT SIDE) ENTRANCE SLOPES TABLE		
DWY NO.	© STATION LOCATION	SNOW STORAGE SLOPE
1	STA. U 10+96.71	11.00%
4	STA. U 19+25.58	11.00%
5	STA. U 19+91.35	11.00%
6	STA. U 20+33.66	11.00%
7	STA. U 22+26.20	3.72%
10	STA. U 26+66.67	11.00%
11	STA. U 29+04.46	11.00%
14	STA. U 30+20.18	11.00%
15	STA. U 30+71.08	11.00%
16	STA. U 32+09.02	11.00%

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

ITEM NO.	DESCRIPTION	UNITS
203.02	UNCLASSIFIED EXCAVATION AND DISPOSAL	CY
304.15	SUBBASE COURSE, OPTIONAL TYPE	CY
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.020102	ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS	T
609.0203	GRANITE CURB, TYPE C	LF

- NOTES
1. COMMERCIAL DRIVEWAYS SHALL BE PAVED WITH 6" OF ITEM 608.020102, PLACED IN 2 LIFTS OF 3". RESIDENTIAL ASPHALT DRIVES SHALL BE PAVED WITH 4" OF ITEM 608.020102 PLACED IN 2 LIFTS OF 2" ON 6" OF ITEM 304.15.
  2. LENGTH WILL VARY TO PROVIDE NEGOTIABLE DRIVE. MATERIAL REQUIRED TO MATCH EXISTING DRIVE.
  3. THE CONTRACTOR SHALL SAW CUT EXISTING ASPHALT DRIVEWAYS AT THE LIMIT OF RECONSTRUCTION. THE COST OF SUCH WORK SHALL BE INCLUDED UNDER ITEM 608.020102.
  4. REFER TO NYSDDOT STANDARD SHEETS 608-03, 608-04, 608-05, 608-06 FOR ADDITIONAL DRIVEWAY DETAILS.

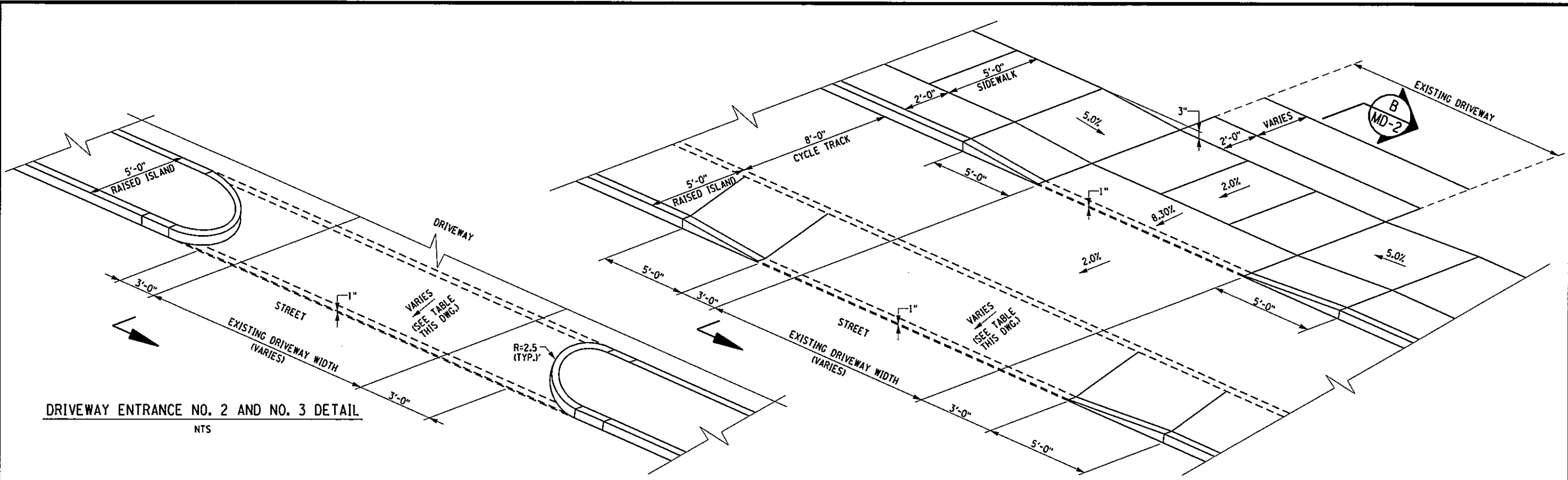
NO. DATE BY REVISION		44 127	
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1			
MISCELLANEOUS DETAILS			
SCALE: AS NOTED			
DATE ISSUED: 4/2011			
DRAWING MD-1			



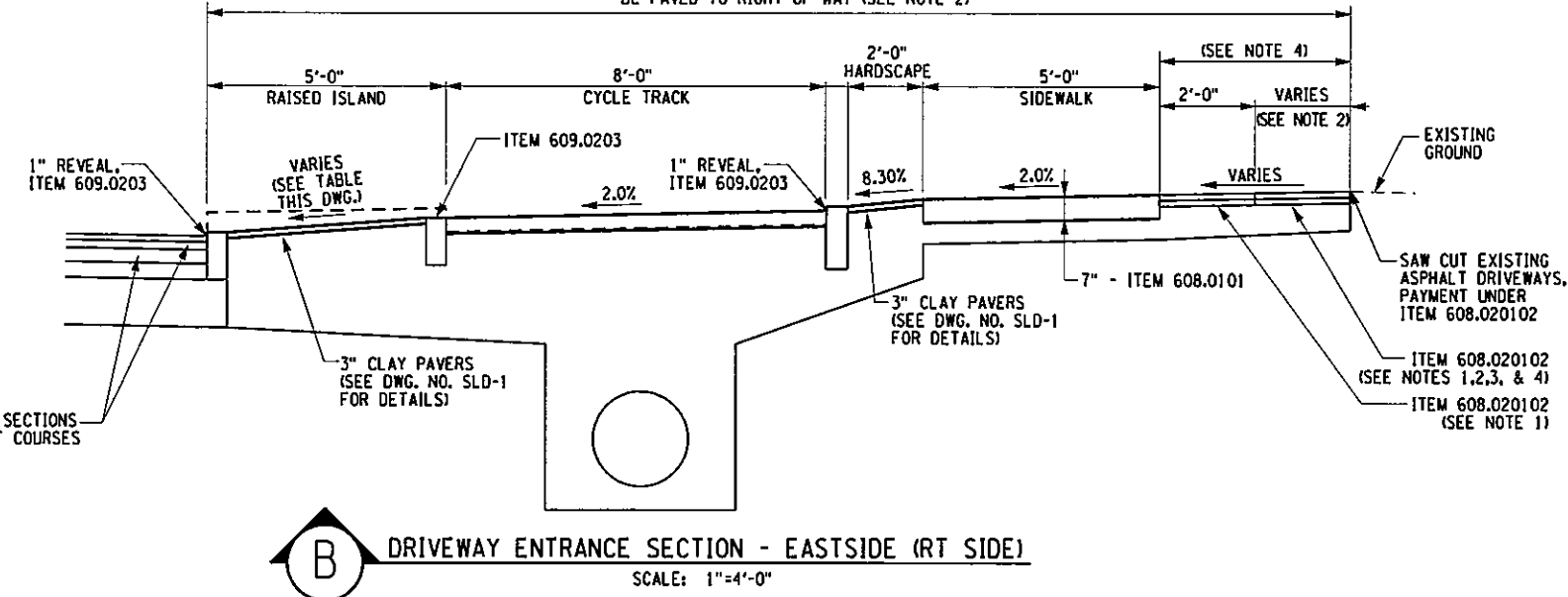
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IN CHARGE OF JPD DESIGN BY ASK CHECKED BY ASK ESTIMATED BY JPD/CAW CHECKED BY ASK DRAFTED BY AJY CHECKED BY PJJ GRW



APPROXIMATE TOTAL LENGTH - SEE DRIVEWAY TABLE ON DWG. NO. MT-3, MIN. 10'-0"  
 FOR RESIDENTIAL DRIVEWAYS. COMMERCIAL DRIVEWAYS TO  
 BE PAVED TO RIGHT OF WAY (SEE NOTE 2)



DWY NO.	STATION LOCATION	SNOW STORAGE ISLAND SLOPE
2	STA. U 11+68.25	6.40%
3	STA. U 12+31.87	7.70%
8	STA. U 25+24.18	16.13%
9	STA. U 25+66.73	16.13%
12	STA. U 28+76.49	6.40%
13	STA. U 29+31.52	6.40%
17	STA. U 30+00.19	6.40%
18	STA. U 30+99.43	6.40%

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

ITEM NO.	DESCRIPTION	UNITS
608.0101	CONCRETE SIDEWALKS AND DRIVEWAYS	CY
608.020102	ASPHALT CONCRETE SIDEWALKS, DRIVEWAYS AND BICYCLE PATHS	T
609.0203	GRANITE CURB, TYPE C	LF

- COMMERCIAL DRIVEWAYS SHALL BE PAVED WITH 6" OF ITEM 608.020102, PLACED IN 2 LIFTS OF 3". RESIDENTIAL ASPHALT DRIVES SHALL BE PAVED WITH 4" OF ITEM 608.020102 PLACED IN 2 LIFTS OF 2" ON 6" OF ITEM 304.15.
- LENGTH WILL VARY TO PROVIDE NEGOTIABLE DRIVE. MATERIAL REQUIRED TO MATCH EXISTING DRIVE.
- THE CONTRACTOR SHALL SAW CUT EXISTING ASPHALT DRIVEWAYS AT THE LIMIT OF RECONSTRUCTION. THE COST OF SUCH WORK SHALL BE INCLUDED UNDER ITEM 608.020101.
- REFER TO NYSDDOT STANDARD SHEETS 608-03, 608-04, 608-05, 608-06 FOR ADDITIONAL DRIVEWAY DETAILS.

NO.	DATE	BY	REVISION

45  
127

**Barton & Loguidice, P.C.**

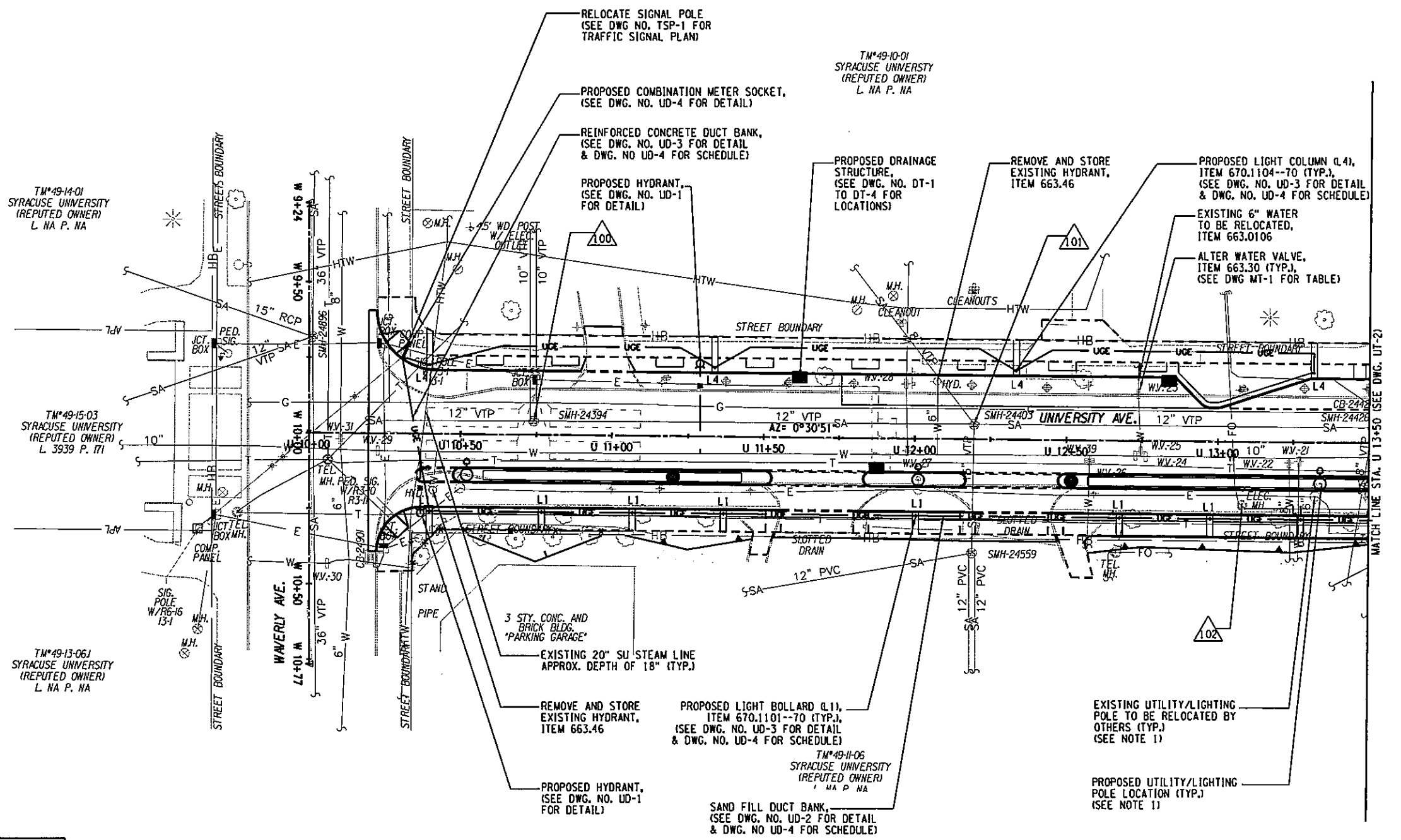
EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

MISCELLANEOUS DETAILS

SCALE: AS NOTED  
 DATE ISSUED: 4/2011  
 DRAWING MD-2

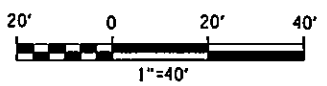
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209





- NOTES:**
- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
  - LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3

- LEGEND:**
- ADJUST EXISTING STRUCTURE
  - REMOVAL OF EXISTING STRUCTURE
  - L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
  - UGE — - UNDERGROUND ELECTRICAL DUCT BANK

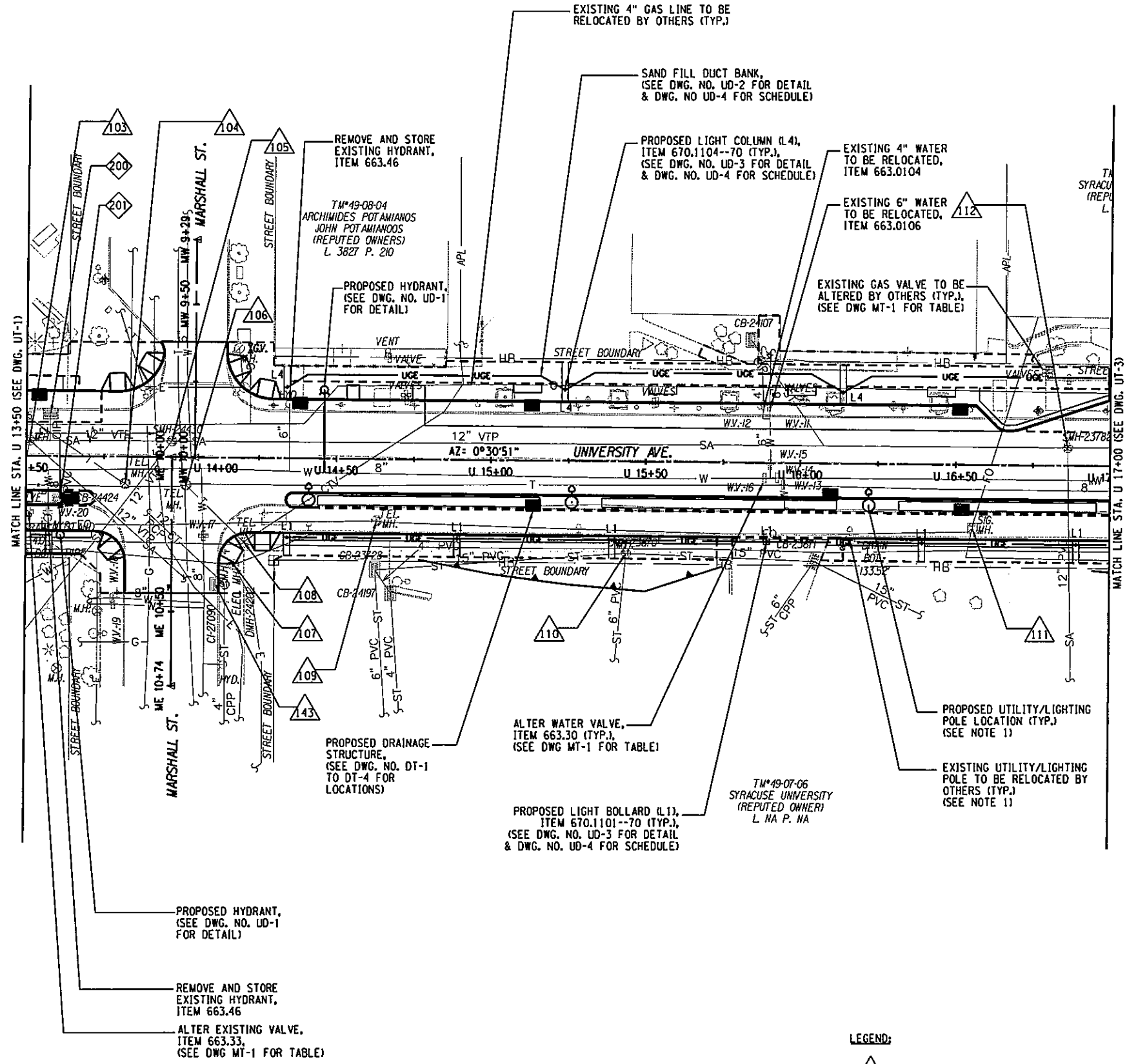


47 127					
UNIVERSITY OF THE CITY OF SYRACUSE FOUNDED 1830	SYRACUSE	UNIVERSITY	OF THE	CITY	OF SYRACUSE
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209					
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	
<b>UTILITY PLAN</b> STA. U 10+00 TO STA. U 13+50					
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING UT-1					

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

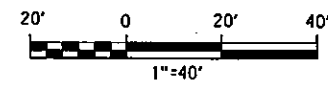
**NOTES:**

- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
- LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3



**LEGEND:**

- ADJUST EXISTING STRUCTURE
- REMOVAL OF EXISTING STRUCTURE
- L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
- UNDERGROUND ELECTRICAL DUCT BANK



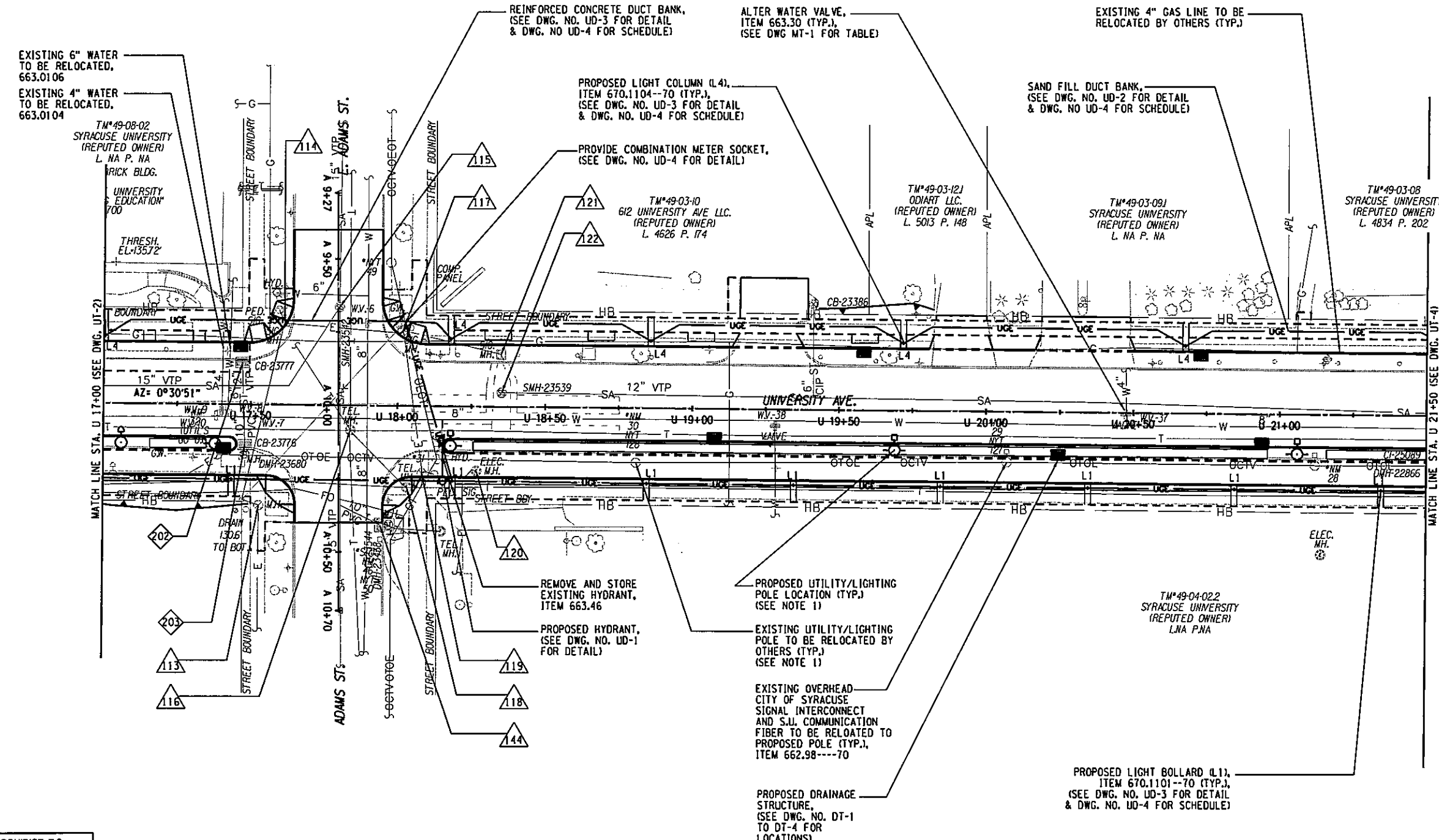
48 127					
UNIVERSITY OF SYRACUSE FOUNDED 1828	SYRACUSE UNIVERSITY FOUNDED 1828		<b>Barton &amp; Loguidice, P.C.</b>	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	EAST GENESEE STREET CONNECTIVE CORRIDOR
CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	UTILITY PLAN	STA. U 13+50 TO STA. U 17+00
SCALE: 1"=40'	DATE ISSUED: 4/2011	DRAWING	UT-2		

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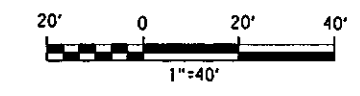
IN CHARGE OF JPD DESIGN BY JWC CHECKED BY MCB ESTIMATED BY JWC CHECKED BY JWC DRAFTED BY JERZ CHECKED BY ASK CHECKED BY JWC

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



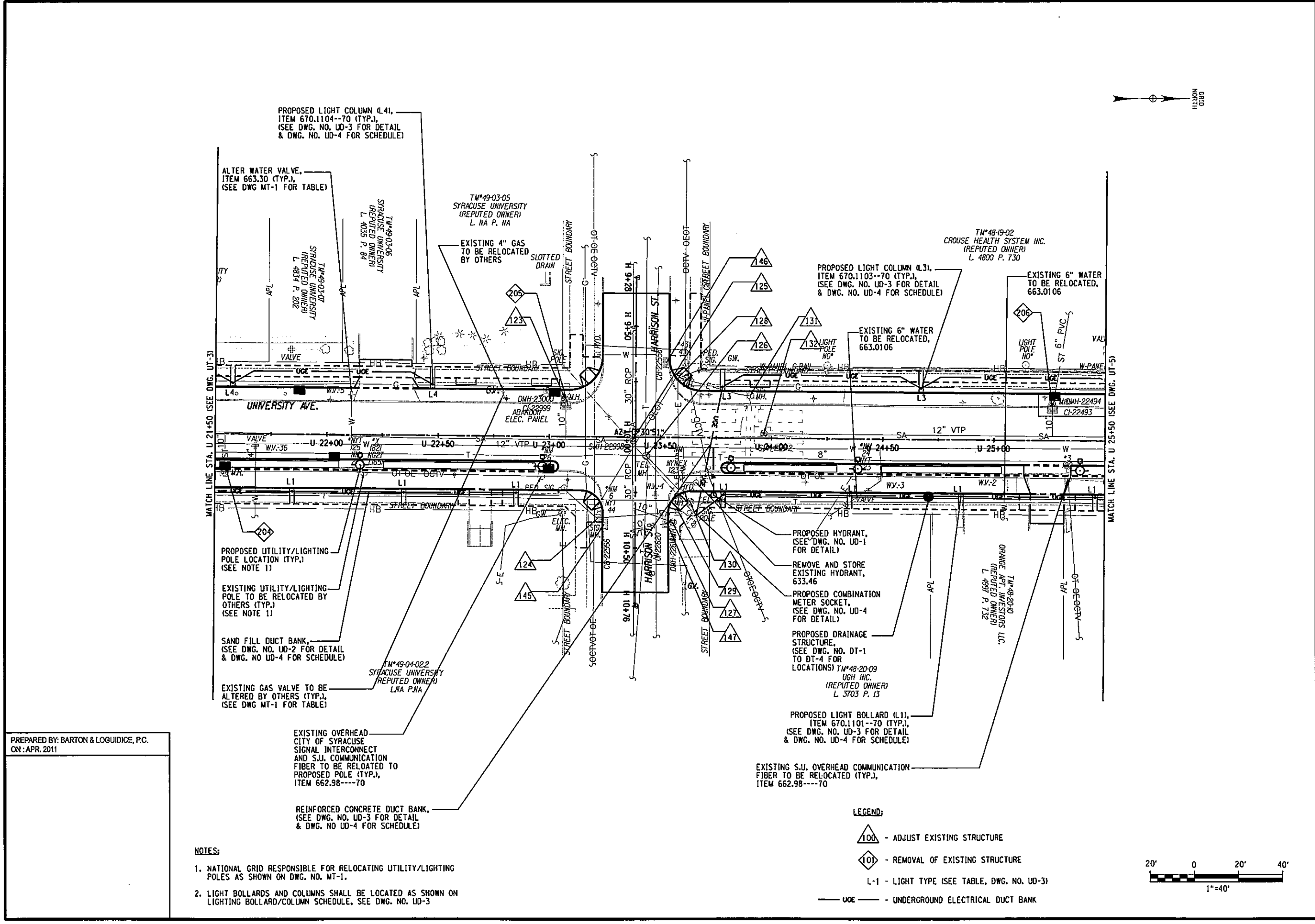
- NOTES:
- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
  - LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3

- LEGEND:
- ADJUST EXISTING STRUCTURE
  - REMOVAL OF EXISTING STRUCTURE
  - L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
  - UNDERGROUND ELECTRICAL DUCT BANK



UNIVERSITY OF SYRACUSE FOUNDED 1828	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
	ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
UTILITY PLAN	
STA. U 17+00 TO STA. U 21+50	
SCALE: 1"=40'	
DATE ISSUED: 4/2011	
DRAWING	
UT-3	

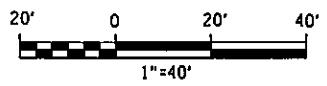
IN CHARGE OF JPD DESIGN BY JWC CHECKED BY MCB ESTIMATED BY JWC CHECKED BY JWC DRAFTED BY JERZ CHECKED BY ASK CHECKED BY JWC



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

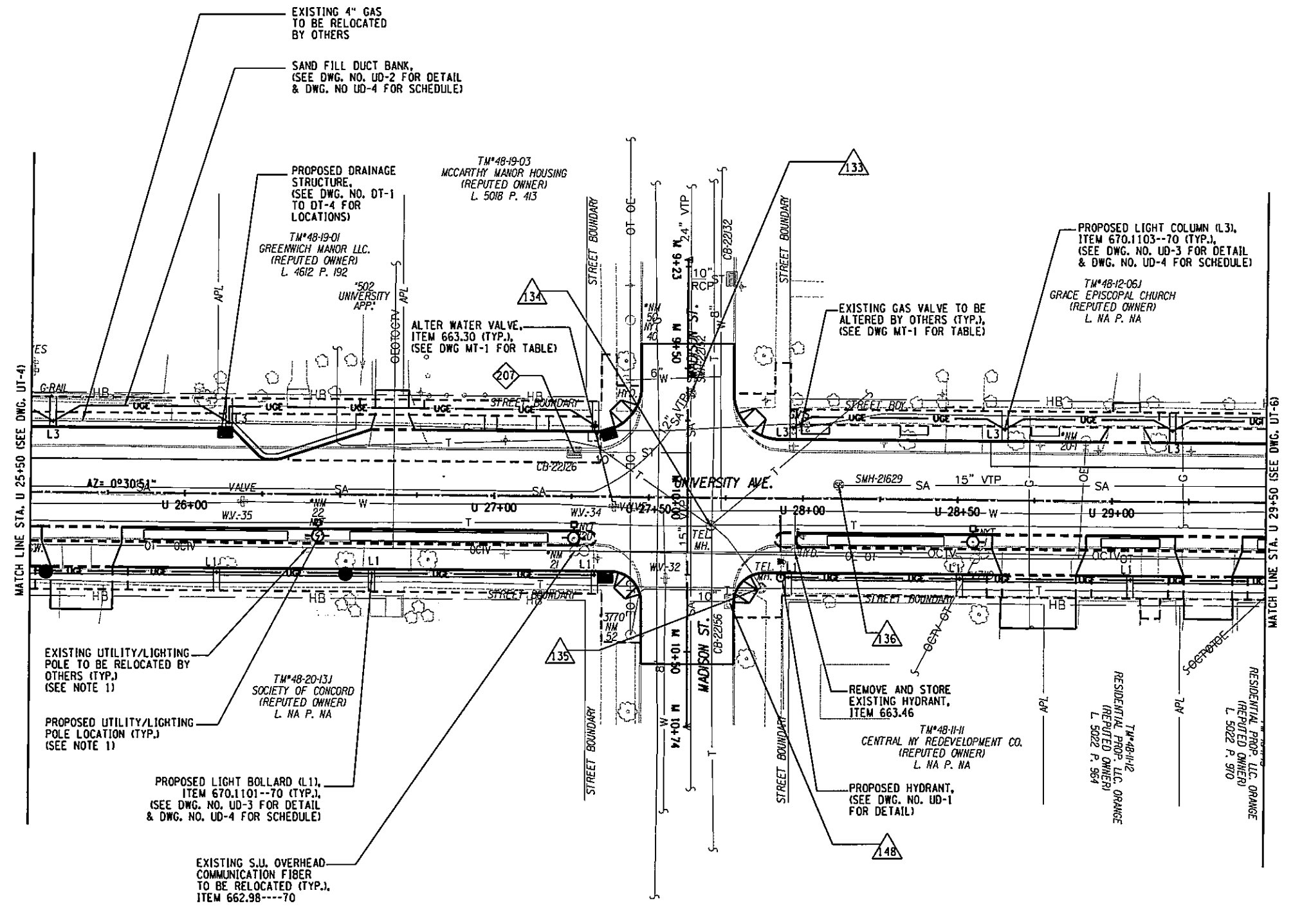
- NOTES:**
- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
  - LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3

- LEGEND:**
- 100 - ADJUST EXISTING STRUCTURE
  - 101 - REMOVAL OF EXISTING STRUCTURE
  - L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
  - UCE - UNDERGROUND ELECTRICAL DUCT BANK



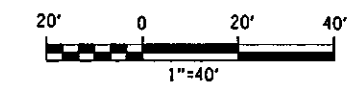
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127			
NO.	DATE	BY	REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
UTILITY PLAN STA. U 21+50 TO STA. U 25+50			
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING UT-4			

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209



- NOTES:**
- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
  - LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3

- LEGEND:**
- ADJUST EXISTING STRUCTURE
  - REMOVAL OF EXISTING STRUCTURE
  - L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
  - UNDERGROUND ELECTRICAL DUCT BANK



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

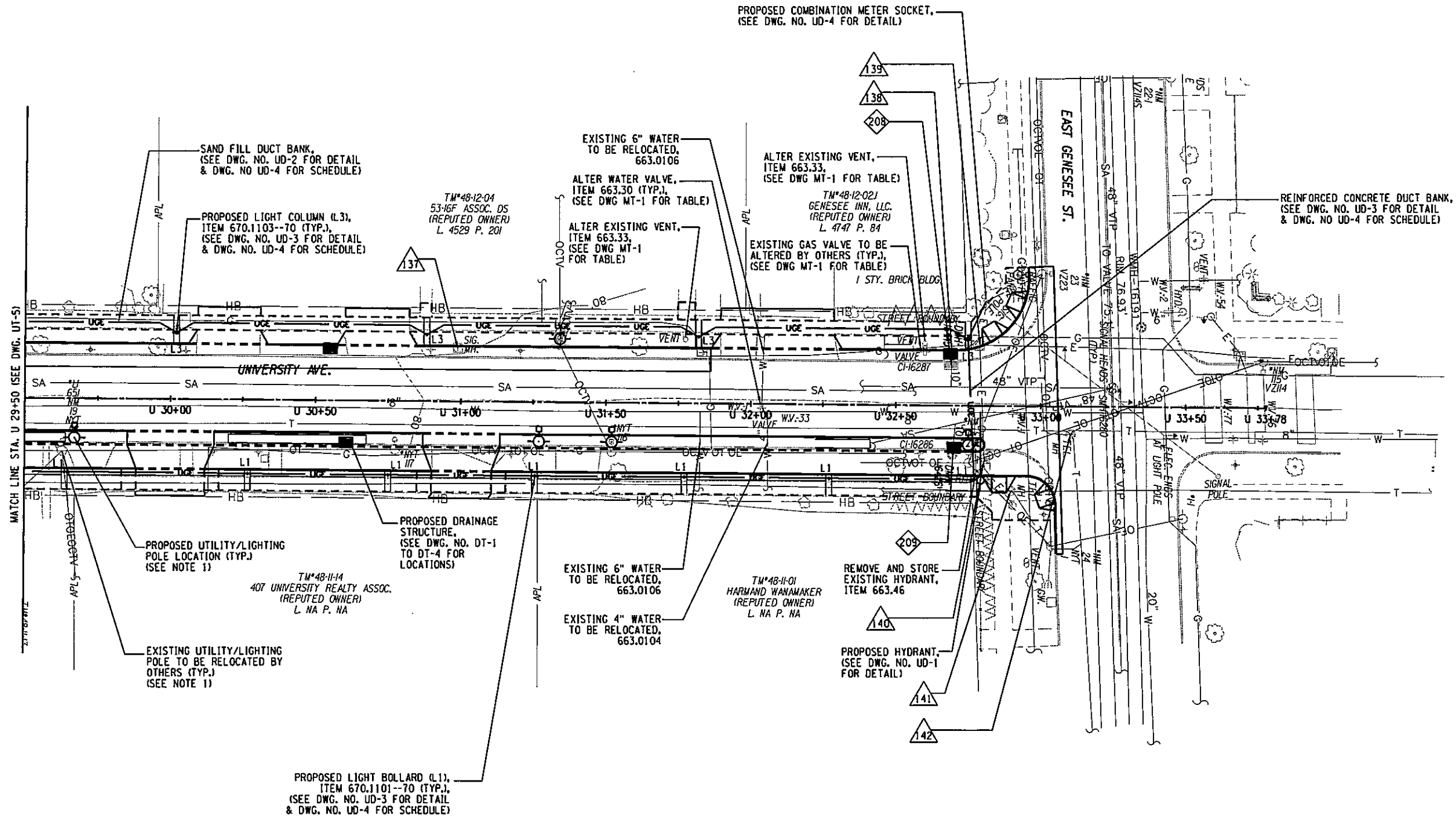
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UNIVERSITY OF THE STATE OF SYRACUSE	SCHOOL OF ARCHITECTURE	SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING	SCHOOL OF DESIGN	SCHOOL OF FORESTRY	SCHOOL OF LANDSCAPE ARCHITECTURE
<b>Barton &amp; Loguidice, P.C.</b>					
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209					
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	
<b>UTILITY PLAN</b>					
STA. U 25+50 TO STA. U 29+50					
SCALE: 1"=40'					
DATE ISSUED: 4/2011					
DRAWING					
UT-5					



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

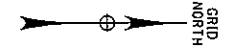
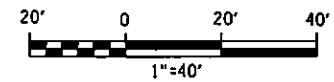
**NOTES:**

- NATIONAL GRID RESPONSIBLE FOR RELOCATING UTILITY/LIGHTING POLES AS SHOWN ON DWG. NO. MT-1.
- LIGHT BOLLARDS AND COLUMNS SHALL BE LOCATED AS SHOWN ON LIGHTING BOLLARD/COLUMN SCHEDULE, SEE DWG. NO. UD-3



**LEGEND:**

- △100 - ADJUST EXISTING STRUCTURE
- ◇101 - REMOVAL OF EXISTING STRUCTURE
- L-1 - LIGHT TYPE (SEE TABLE, DWG. NO. UD-3)
- UGE — - UNDERGROUND ELECTRICAL DUCT BANK



52	127
NO. DATE	BY REVISION
<p>SYRACUSE UNIVERSITY</p>	
<p>Barton &amp; Loguidice, P.C.</p>	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESSEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
ONONDAGA COUNTY	P.I.N. 3754.46
CONTRACT 1	UT-6
UTILITY PLAN STA. U 29+50 TO STA. U 33+66	
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING	

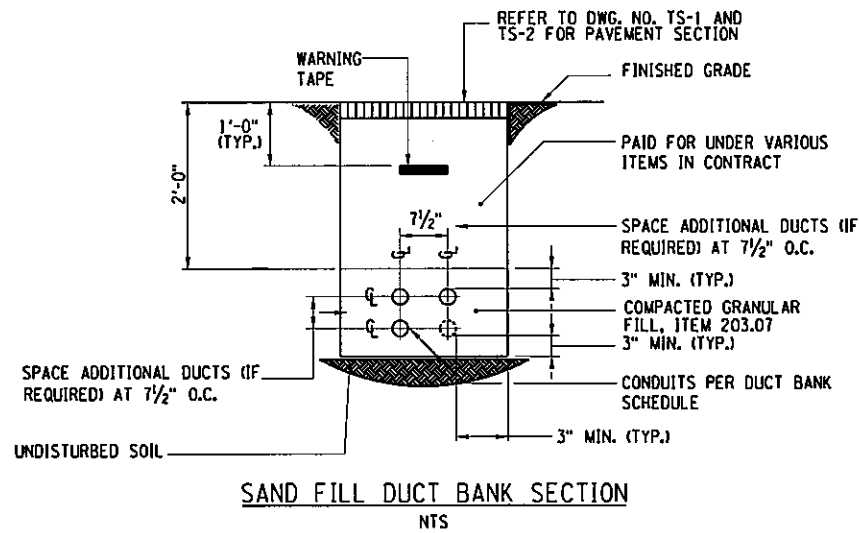


**GENERAL NOTES - ONE-LINE DIAGRAM**

1. DIAGRAM TYPICAL FOR EACH SERVICE LOCATION, PROVIDE AS INDICATED ON UTILITY PLAN DRAWINGS.
2. SEE DUCT BANK SCHEDULE FOR CIRCUIT REQUIREMENTS.
3. LOADS SHALL BE BALANCED ACROSS EACH PHASE OF DISTRIBUTION SYSTEM.
4. PHOTOCELL SHALL OPERATE LIGHT BOLLARDS/COLUMNS FROM DUSK TO DAWN. VERIFY OPERATION IS NOT INFLUENCED BY ARTIFICIAL SOURCES OF LIGHT. AIM AS NECESSARY

**KEYED NOTES - ONE-LINE DIAGRAM**

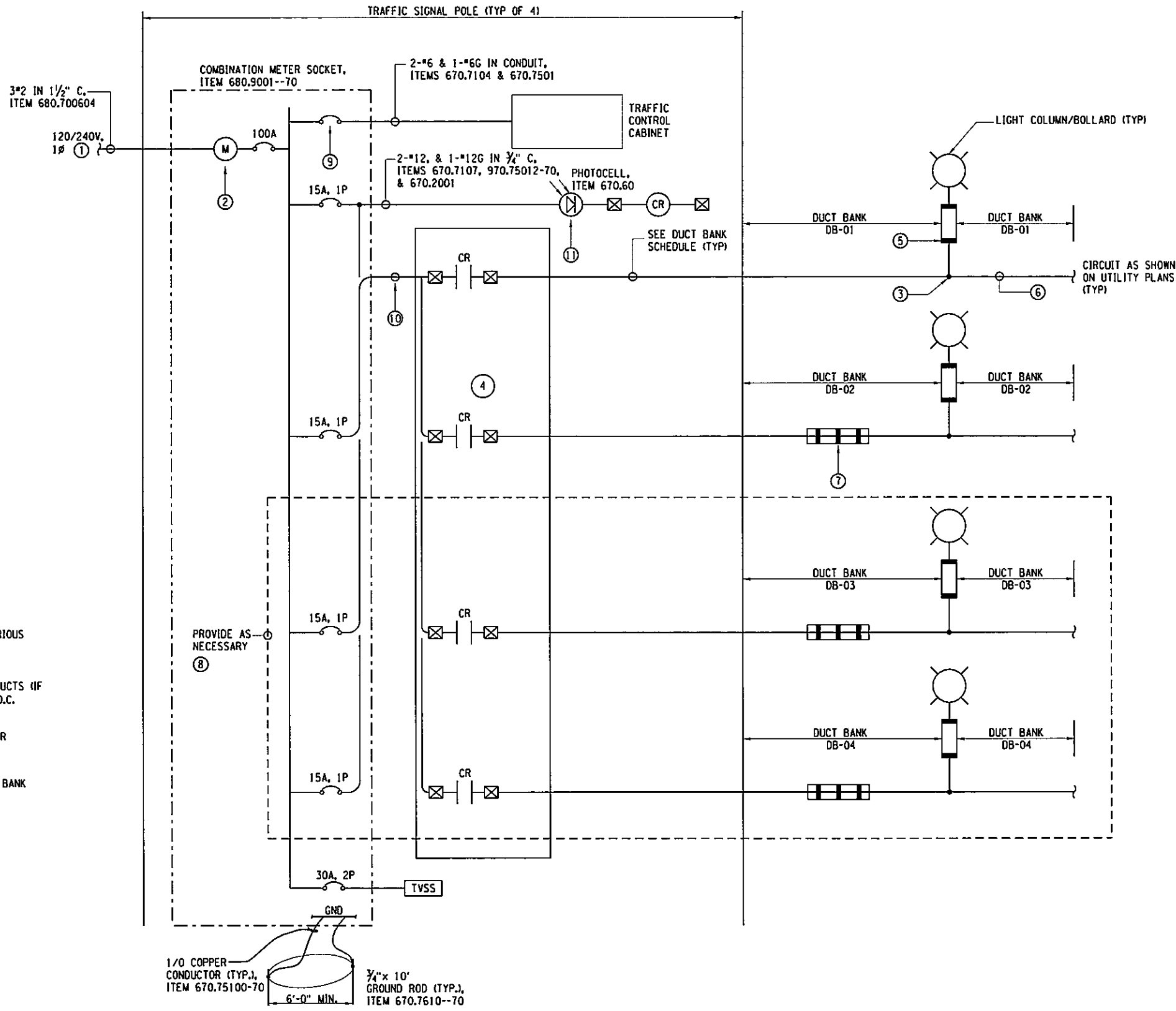
1. PROVIDE SERVICE AT SIGNAL POLE PER SERVICE DETAIL. COORDINATE REQUIREMENTS AND LOCATION WITH NATIONAL GRID.
2. PROVIDE METER SOCKET PER NATIONAL GRID REQUIREMENTS.
3. SPLICES SHALL BE MADE IN LIGHT BOLLARD/COLUMN HAND HOLE.
4. PROVIDE 4-POLE LIGHTING CONTACTOR IN NEMA 3R ENCLOSURE. LIGHTING CONTACTOR SHALL BE INSTALLED ADJACENT TO COMBINATION METER SOCKET, ITEM 670.6001-70.
5. IN-LINE DISCONNECTABLE FUSE TO BE PROVIDED (FACTORY INSTALLED) WITH LIGHT BOLLARDS/COLUMNS.
6. PROVIDE CIRCUITING TO ALL LIGHT BOLLARDS/COLUMNS (TYP).
7. PROVIDE AS REINFORCED CONCRETE DUCT BANK WHERE LOCATED BENEATH ROADWAY. COORDINATE LOCATIONS WITH UTILITY PLANS (TYP).
8. CIRCUITS SHALL FEED LIGHT BOLLARDS/COLUMNS LOCATED BETWEEN MARSHALL ST. AND ADAMS ST.
9. COORDINATE FEEDER REQUIREMENTS WITH CITY TRAFFIC SIGNAL STANDARDS. PROVIDE CIRCUIT BREAKER, CIRCUIT, TERMINATIONS, AND ALL MODIFICATIONS AS REQUIRED.
10. 1" C, PROVIDE CONDUCTORS PER DUCT BANK SCHEDULE, ITEM 670.2002.
11. PHOTOCELL SHALL BE INSTALLED AT HEIGHT OF 10' AFG. CONDUIT SHALL BE SECURED TO TRAFFIC POLE WITH GALVANIZED PIPE STRAPS (3' SPACING TYP).



**GENERAL NOTES - REINFORCED CONCRETE DUCT BANK SECTION**

1. EXCAVATION AND DISPOSAL TO BE PAID UNDER ITEM 206.04

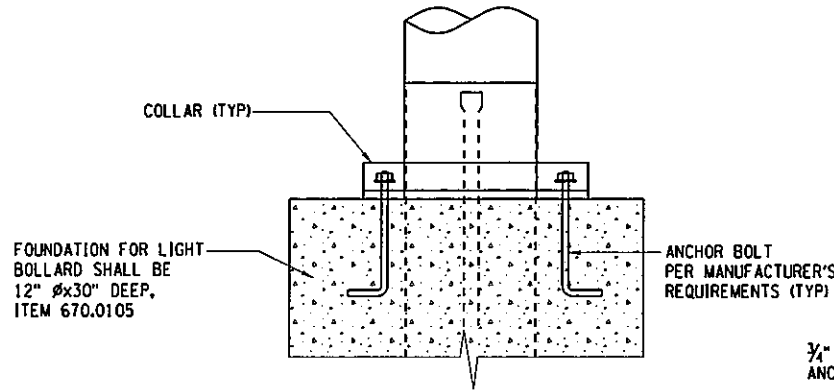
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



**ONE-LINE DIAGRAM**

NTS

54 127			
NO.	DATE	BY	REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
UTILITY DETAILS			
SCALE: NONE			
DATE ISSUED: 4/2011			
DRAWING			
UD-2			

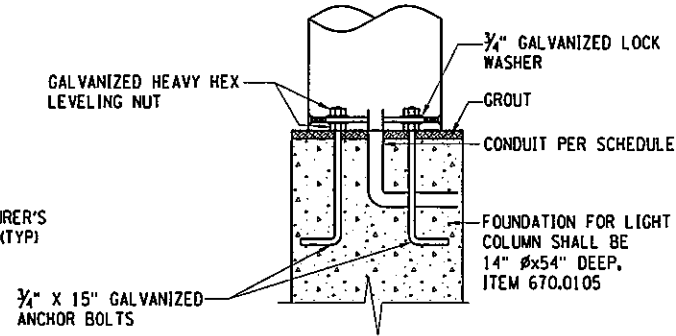


**GENERAL NOTES - LIGHT BOLLARD INSTALLATION DETAIL:**

1. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE ALL NECESSARY HARDWARE.

**LIGHT BOLLARD INSTALLATION DETAIL**

NTS



**GENERAL NOTES - LIGHT COLUMN INSTALLATION DETAIL:**

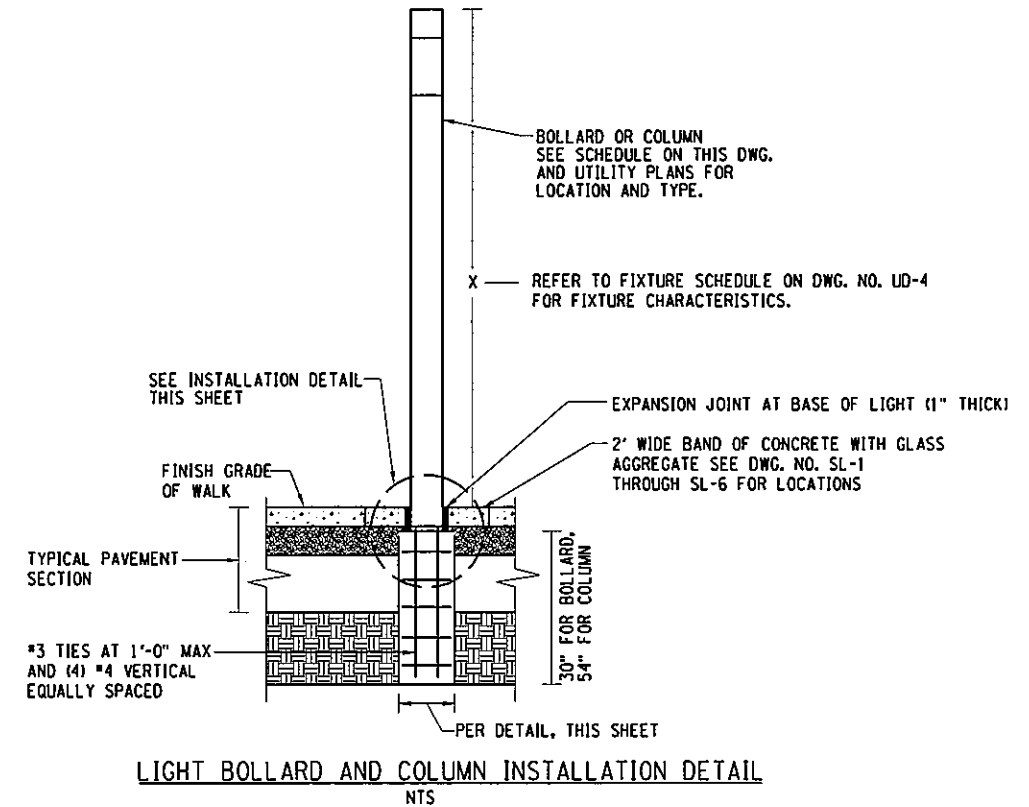
1. INSTALL PER MANUFACTURER'S WRITTEN INSTRUCTIONS. PROVIDE ALL NECESSARY HARDWARE.

**LIGHT COLUMN INSTALLATION DETAIL**

NTS

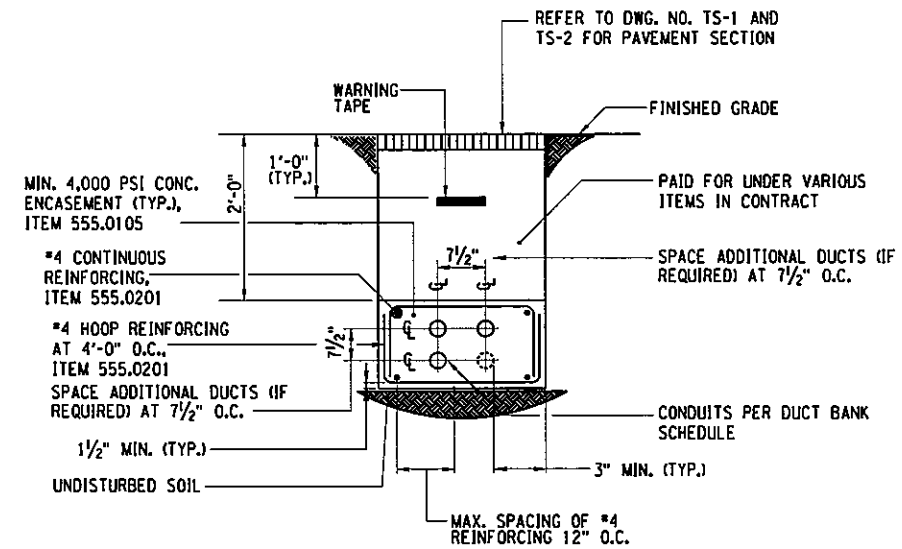
LIGHTING BOLLARD/COLUMN SCHEDULE			
STATION	SIDE	OFFSET (ft)	TYPE
U 10+40.03	RT	25.50	L1
U 10+76.94	RT	25.50	L1
U 11+06.95	RT	25.50	L1
U 11+36.95	RT	25.50	L1
U 12+00.53	RT	25.50	L1
U 12+67.62	RT	25.50	L1
U 12+97.62	RT	25.50	L1
U 13+27.62	RT	25.50	L1
U 13+57.61	RT	25.50	L1
U 10+39.62	LT	23.00	L4
U 11+33.67	LT	23.00	L4
U 12+33.30	LT	23.00	L4
U 13+31.74	LT	23.00	L4
U 14+34.14	RT	25.50	L1
U 14+89.28	RT	25.50	L1
U 15+39.26	RT	25.50	L1
U 15+89.29	RT	25.50	L1
U 16+39.26	RT	25.50	L1
U 16+89.25	RT	25.50	L1
U 17+43.60	RT	25.50	L1
U 14+33.82	LT	23.00	L4
U 15+23.66	LT	23.00	L4
U 16+13.62	LT	23.00	L4
U 17+00.42	LT	23.00	L4
U 18+18.75	RT	25.50	L1
U 18+84.67	RT	25.75	L1
U 19+34.69	RT	25.75	L1
U 19+84.69	RT	25.75	L1
U 20+34.70	RT	25.75	L1
U 20+84.68	RT	25.75	L1
U 21+34.70	RT	25.75	L1
U 21+84.67	RT	25.75	L1
U 22+34.71	RT	25.75	L1
U 22+85.32	RT	25.50	L1
U 18+17.91	LT	23.00	L4

LIGHTING BOLLARD/COLUMN SCHEDULE CONTINUED			
STATION	SIDE	OFFSET (ft)	TYPE
U 18+85.73	LT	23.00	L4
U 19+71.88	LT	23.00	L4
U 20+67.73	LT	23.00	L4
U 21+57.74	LT	23.00	L4
U 22+47.35	LT	23.00	L4
U 23+78.41	RT	25.50	L1
U 24+35.34	RT	25.50	L1
U 24+85.33	RT	25.50	L1
U 25+45.77	RT	25.50	L1
U 26+10.55	RT	25.50	L1
U 26+60.55	RT	25.50	L1
U 27+32.60	RT	25.50	L1
U 23+77.66	LT	23.00	L3
U 24+67.07	LT	23.00	L3
U 25+57.04	LT	23.00	L3
U 26+14.17	LT	23.00	L3
U 27+32.52	LT	23.00	L3
U 27+95.54	RT	25.50	L1
U 28+50.88	RT	25.50	L1
U 29+06.14	RT	25.50	L1
U 29+63.78	RT	25.50	L1
U 30+26.92	RT	25.50	L1
U 30+75.07	RT	25.50	L1
U 31+25.73	RT	25.50	L1
U 31+77.27	RT	25.50	L1
U 32+27.27	RT	25.50	L1
U 32+77.25	RT	25.50	L1
U 27+96.63	LT	23.00	L3
U 28+65.23	LT	23.00	L3
U 29+19.56	LT	23.00	L3
U 30+01.99	LT	23.00	L3
U 30+88.19	LT	23.00	L3
U 31+81.87	LT	23.00	L3
U 32+74.78	LT	23.00	L3



**LIGHT BOLLARD AND COLUMN INSTALLATION DETAIL**

NTS



**REINFORCED CONCRETE DUCT BANK SECTION**

NTS

**GENERAL NOTES - REINFORCED CONCRETE DUCT BANK SECTION**

1. EXCAVATION AND DISPOSAL TO BE PAID UNDER ITEM 206.04

NO. DATE BY REVISION		
		UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7208
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY		
CONTRACT 1		P.I.N. 3754.46
UTILITY DETAILS		
SCALE: NONE		
DATE ISSUED: 4/2011		
DRAWING		
UD-3		

DUCT BANK SCHEDULE								
DESIGNATION	LOCATION	TYPE	ORIGIN	DESTINATION	CIRCUIT			REMARKS
					CONDUCTORS / CONDUIT	ORIGIN	DESTINATION	
DB-01	WAVERLY TO MARSHALL - EAST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (WAVERLY AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	ADAMS TO HARRISON - WEST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (ADAMS AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	HARRISON TO MADISON - EAST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (HARRISON AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	MADISON TO E. GENESEE - WEST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (E. GENESEE AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#10 & 1-#10G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
DB-02	WAVERLY TO MARSHALL - WEST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (WAVERLY AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	ADAMS TO HARRISON - EAST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (ADAMS AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	HARRISON TO MADISON - WEST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (HARRISON AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#12 & 1-#12G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
	MADISON TO E. GENESEE - EAST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (E. GENESEE AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#10 & 1-#10G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
DB-03	MARSHALL TO ADAMS - WEST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (ADAMS AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#10 & 1-#10G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2
DB-04	MARSHALL TO ADAMS - EAST SIDE OF UNIVERSITY	SAND FILL U.O.I., SEE REMARKS 1 & 2	TRAFFIC SIGNAL POLE (ADAMS AND UNIVERSITY)	LIGHT BOLLARD/COLUMN	2-#10 & 1-#10G IN 1" C	15A, 1P CB FROM COMB METER SOCKET	LIGHT BOLLARD/COLUMN	1, 2

**GENERAL NOTES, DUCT BANK SCHEDULE**  
 1. VERIFY CIRCUIT REQUIREMENTS WITH APPLICABLE EQUIPMENT MANUFACTURERS. PROVIDE WIRING AND CONDUIT AS REQUIRED.  
 2. DUCT BANK SWEEPS SHALL NOT HAVE LESS THAN 20'-0" RADIUS UNLESS OTHERWISE INDICATED.  
 3. COORDINATE DUCT BANK LOCATIONS AND INSTALLATIONS WITH GENERAL CONTRACTORS STRUCTURES, EQUIPMENT, AND PIPING SYSTEMS.  
 4. #12 CONDUCTOR SHALL BE PAID FOR UNDER ITEM 670.7107.  
 5. #10 CONDUCTOR SHALL BE PAID FOR UNDER ITEM 670.7106.  
 6. #12 GROUND SHALL BE PAID FOR UNDER ITEM 670.75012-70.  
 7. #10 GROUND SHALL BE PAID FOR UNDER ITEM 670.75010-70.  
 8. 1" CONDUIT SHALL BE PAID FOR UNDER ITEMS 670.2002 FOR RGS, 670.2601 FOR SCHEDULE 40 PVC, AND 670.2601-70 FOR SCHEDULE 80 PVC.  
**REMARKS, DUCT BANK SCHEDULE**  
 1. PROVIDE AS SAND FILL DUCT BANK WHEN BENEATH CONCRETE (MIN 4000PSI) SIDEWALK. PROVIDE AS REINFORCED CONCRETE DUCT BANK AT ALL OTHER LOCATIONS AND AS OTHERWISE INDICATED.  
 2. PROVIDE AS REINFORCED CONCRETE DUCT BANK WHERE REQUIRED BY NATIONAL GRID. COORDINATE REQUIREMENTS WITH NATIONAL GRID.

LIGHT FIXTURE SCHEDULE								
DESIGNATION	TYPE	MANUFACTURER	CATALOG NUMBER	VOLT	LAMP	INSTALLATION	FINISH / COLOR	REMARKS
L1	33"H X 3 1/2" DIAMETER LIGHT BOLLARD, ITEM 670.1101-70	SE'LUX	B90-SP-13-SP-120-FS	120V	13W LED	CONCRETE FOUNDATION, SEE DETAIL, DWG. NO. UD-3	SYRACUSE "RED", SEE REMARK 1	
L3	10" X 6" DIAMETER LIGHT COLUMN, ITEM 670.1103-70	SE'LUX	MTRC-10FT-(1)50MH-SP-120-FS	120V	50W MH	CONCRETE FOUNDATION, SEE DETAIL, DWG. NO. UD-3	SYRACUSE "RED", SEE REMARK 1	
L4	12H X 8" DIAMETER LIGHT COLUMN, ITEM 670.1104-70	SE'LUX	MTRC-12FT-(1)50MH-SP-120-FS	120V	50W MH	CONCRETE FOUNDATION, SEE DETAIL, DWG. NO. UD-3	SYRACUSE "RED", SEE REMARK 1	

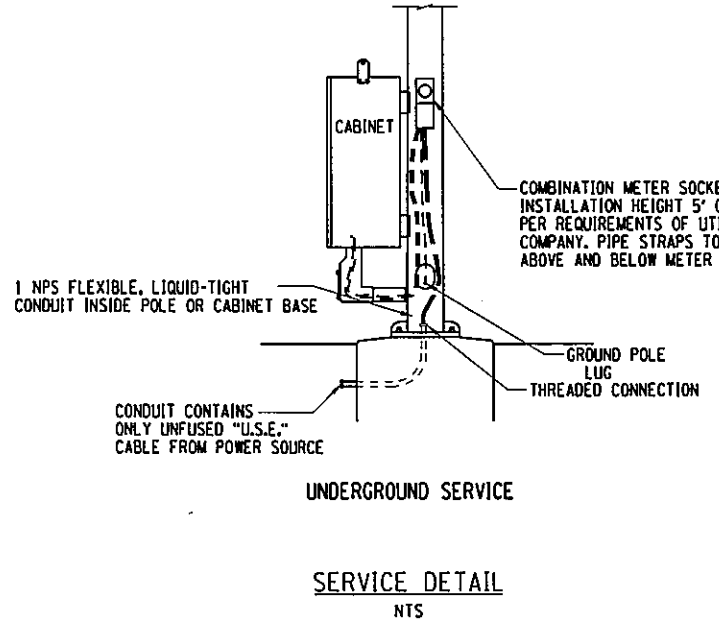
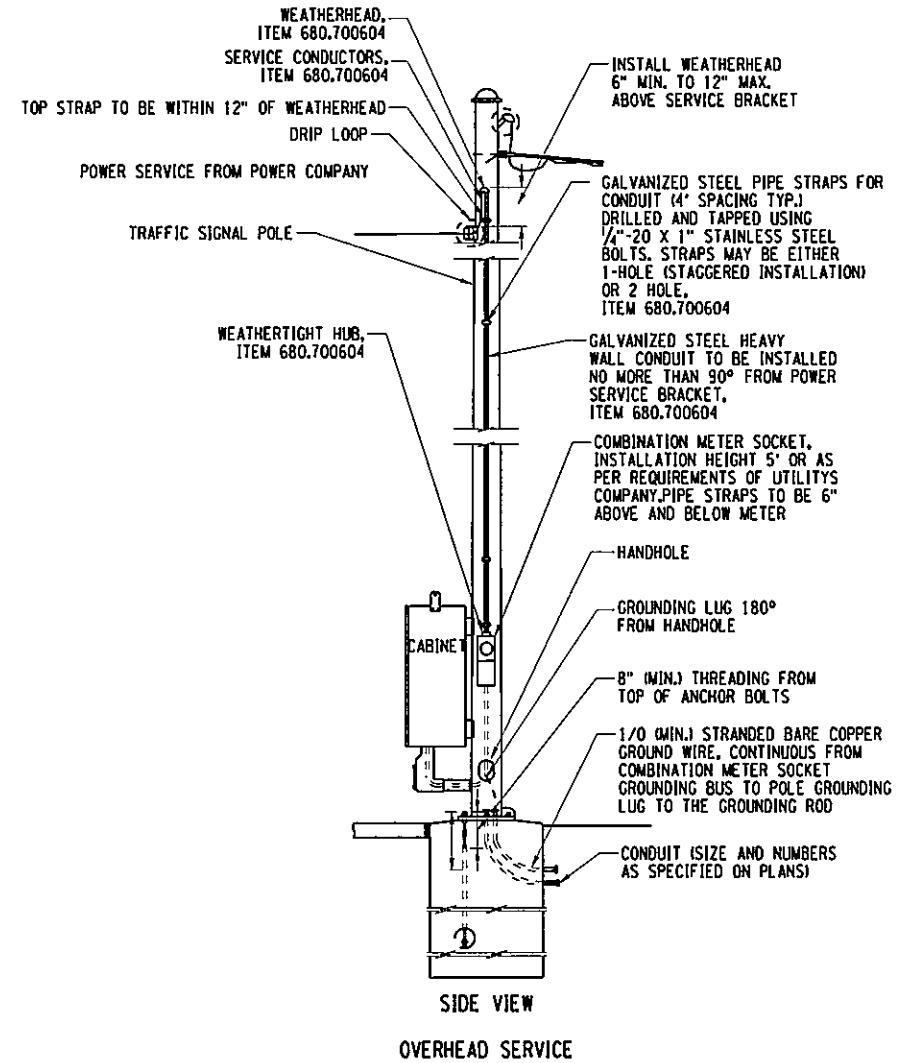
**GENERAL NOTES, LIGHT FIXTURE SCHEDULE**  
 1. LIGHT FIXTURE TYPES ARE FOR REFERENCE ONLY. LIGHT FIXTURES TO BE SUPPLIED BY OWNER AND INSTALLED UNDER THIS CONTRACT. CONTRACTOR SHALL VERIFY LIGHT FIXTURE TYPES WITH OWNER.

CONDUIT SCHEDULE			
BUILDING OR AREA	AREA DESCRIPTION	CONDUIT TYPE	REMARKS
GENERAL (ALL AREAS)	IN SLAB	SCHEDULE 40 PVC	
	UNDERGROUND 90 DEGREE SWEEPS	RGS	
	EXTERIOR EXPOSED	RGS	
UNDERGROUND (HORIZONTAL RUNS)	RISERS FROM UNDERGROUND	RGS	
	SAND FILL DUCT BANK	SCHEDULE 80 PVC	
	REINFORCED CONCRETE DUCT BANK	SCHEDULE 40 PVC	

**GENERAL NOTES, CONDUIT SCHEDULE**  
 1. CONDUIT TYPES ARE UNLESS OTHERWISE INDICATED.

**GENERAL NOTES - SERVICE DETAIL**

- DETAIL TYPICAL FOR NEW SIGNAL POLE INSTALLATIONS. PROVIDE AS REQUIRED FOR EXISTING SIGNAL POLES.
- COORDINATE WORK WITH TRAFFIC SIGNAL PLANS. WHERE CONFLICTS EXIST PROVIDE AS REQUIRED BY TRAFFIC SIGNAL PLANS.
- WHERE METERS ARE TO BE INSTALLED ON EXISTING SIGNAL POLES THE CONTRACTOR SHALL:
  - PROVIDE NEW SERVICE AS SHOWN ON DETAIL. NEW SERVICE SHALL BE IN PARALLEL WITH EXISTING SERVICE. EXISTING SERVICE SHALL BE REMOVED COMPLETELY (INCLUDING RISER) BY CONTRACTOR ONCE NEW SERVICE IS ENERGIZED BY UTILITY.
  - ALL EXPOSED CONDUIT SHALL BE INSTALLED FLUSH TO POLE AND POLE BASE. BENDS IN CONDUIT SYSTEM SHALL BE COMPLETED WITH 90° LB ELBOWS UTILIZED AS PULL POINTS.
  - PROVIDE ALL FIELD MODIFICATIONS AS NECESSARY.
- COORDINATE SERVICE INSTALLATION WITH UTILITY. PROVIDE AS REQUIRED.
- METER SHALL BE ATTACHED TO THE POLE IN A MANNER SIMILAR TO THAT OF THE CABINET OR AS REQUIRED BY THE UTILITY COMPANY.
- HARDWARE SHALL BE NON-MAGNETIC STAINLESS STEEL UNLESS OTHERWISE INDICATED.



NO.	DATE	BY	REVISION

UNIVERSITY OF THE STATE OF SYRACUSE  
 SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING  
 DEPARTMENT OF TRANSPORTATION ENGINEERING

**Barton & Loguidice, P.C.**  
 100 EAST GENESEE STREET  
 SYRACUSE, NY 13202

EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7208

UTILITY DETAILS  
 SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING UD-4



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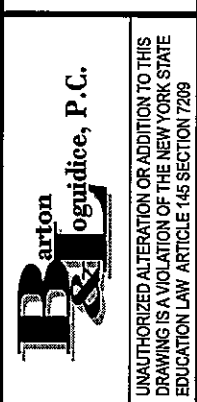
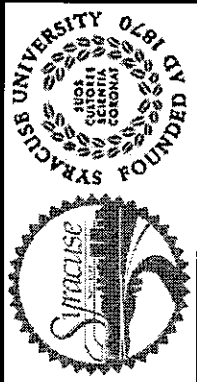
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 CHECKED BY: AJY

DS NO	LOCATION			STRUCTURE TYPE	DESCRIPTION	RIM ELEVATION (FT)	INVERT ELEVATIONS (FT)	SLOPE %													
	STATION	OFFSET (FT)	SIDE						623.12 CY	203.07 CY	206.04 CY	603.98100604 FT	603.98100604-P FT	603.98101004 FT	603.98101004-P FT	603.9824-P FT	603.9836-P FT	604.302091 FT	605.1502 FT	655.0902 EA	655.1202 EA
110	U 13+54.03	19.85	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 46.2 FT OF 24" SICPPP WITH END CAP INSTALL 18.6 FT OF 10" SDR-35	143.48	138.81 137.49	0.00 2.00	24.7	15.7 9.3	20.9 9.7			18.60	46.20	8.66	1.00				
111	U 12+83.63	19.91	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 107.6 FT OF 24" SICPPP WITH END CAP INSTALL 19.6 FT OF 10" SDR-35	145.64	140.97 140.97	0.00 2.00	64.8	13.3 7.9	17.7 8.3			19.60	107.60	7.34	1.00				
112	U 11+61.66	19.96	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 84.0 FT OF 24" SICPPP WITH END CAP INSTALL 30.9 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	149.10	144.43 144.43	0.00 0.00	48.1	13.3 2.9	17.7 3.0		10.90 20.00		84.00	7.34	1.00				
120	U 13+64.57	13.49	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 35.2 FT OF 24" SICPPP WITH END CAP INSTALL 20.5 FT OF 10" SDR-35	144.14	139.47 138.24	0.00 2.00	15.1	15.5 11.7	20.6 12.1			20.50	35.20	8.57	1.00				
121	U 12+51.58	13.49	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2), CAST FRAME, AND MANHOLE COVER INSTALL 50.2 FT OF 24" SICPPP WITH END CAP INSTALL 19.8 FT OF 10" SDR-35	147.22	142.65 141.32	0.00 2.00	24.3	15.5 11.7	20.6 12.1			19.80	50.20	8.57	1.00				
122	U 11+87.41		RT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 14.3 FT OF PERFORATED 10" SDR-35 WITH END CAP	148.55	146.05	0.50		9.3 3.7	12.4 4.0			14.30		5.17	1.00				
123	U 11+20.11	13.48	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2), CAST FRAME, AND MANHOLE COVER INSTALL 50.2 FT OF 24" SICPPP WITH END CAP INSTALL 97.8 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	151.03	145.70 145.70	0.00 0.50	29.5	14.5 18.9	19.3 19.5		77.80 20.00		50.20	8.00	1.00				
210	U 17+46.41	19.83	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 59.2 FT OF 24" SICPPP WITH END CAP INSTALL 16.7 FT OF 10" SDR-35	130.70	126.03 126.03	0.00 2.00	34.3	13.3 6.7	17.7 7.1			16.70	59.20	7.34	1.00				
211	U 16+51.29	17.87	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 70.2 FT OF 24" SICPPP WITH END CAP INSTALL 16.0 FT OF 10" SDR-35	134.00	129.33 129.33	0.00 2.00	39.7	13.3 6.6	17.7 6.9			16.00	70.20	7.33	1.00				
SHEET TOTALS:									280.5	203.1	586.3	88.7	40.0	111.2	14.3	502.8	0.0	68.3	0.0	7.0	2.0

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

ITEM NO.	DESCRIPTION	UNITS	NOTES
203.07	SELECT GRANULAR FILL	CY	1. 10" SDR-35 LATERAL PIPE LENGTHS INCLUDE VERTICAL PIPE LENGTH FROM DI LATERAL TO CS, SEE DETAIL ON DWG. NO. GID-11
206.04	TRENCH AND CULVERT EXCAVATION - O.G.	CY	
623.12	CRUSHED STONE	CY	2. BAFFLE WALL AND STAND PIPE DETAILS ARE SHOWN ON SHEETS GID-1 & GID-2
603.98100604	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98100604-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.98101004-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.9824 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 24 IN DIAMETER	FT	
603.9836 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 36 IN DIAMETER	FT	
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME	FT	
655.1116	RETICULINE GRATE 16	EA	
655.1202	MANHOLE FRAME AND COVER	EA	

NO.	DATE	BY	REVISION



EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

DRAINAGE TABLES  
 SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 DT-1

UNAUTHORIZED ALTERATION OR ADDITION TO THIS  
 DRAWING IS A VIOLATION OF THE NEW YORK STATE  
 EDUCATION LAW ARTICLE 145 SECTION 7209



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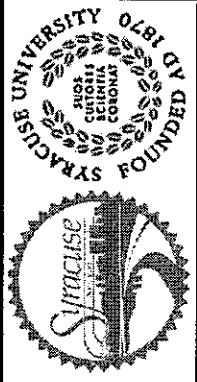
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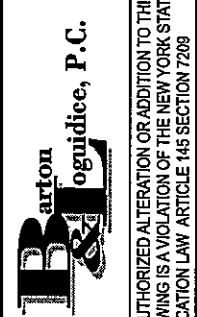
DS NO	LOCATION			STRUCTURE TYPE	DESCRIPTION	RIM ELEVATION (FT)	INVERT ELEVATIONS (FT)	SLOPE %	MATERIAL QUANTITIES													
	STATION	OFFSET (FT)	SIDE						623.12	203.07	206.04	603.98100604	603.98100604-P	603.98101004	603.98101004-P	603.9824-P	603.9836-P	604.302091	605.1502	655.0902	655.1202	
									CY	CY	CY	FT	FT	FT	FT	FT	FT	FT	EA	EA		
212	U 15+12.99	17.88	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 70.0 FT OF 24" SICPPP WITH END CAP INSTALL 84.5 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	138.55			13.3	17.7								70.00		7.34	1.00	
212 A	U 14+70.77	19.24	LT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 241.0 FT OF 6" CPP UNDERDRAIN TUBING	140.88			8.7	11.3										5.17	1.00	
																				241.00		
220	U 17+40.82	14.97	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 51.8 FT OF 36" SICPPP WITH END CAP INSTALL 23.5 FT OF 10" SDR-35	131.34			17.5	23.3										9.66	1.00	
221	U 16+52.06	14.53	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 120.7 FT OF 36" SICPPP WITH END CAP INSTALL 23.5 FT OF 10" SDR-35	134.10			17.5	23.3										9.67	1.00	
222	U 16+09.70	9.95	RT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 14.4 FT OF PERFORATED 10" SDR-35 WITH END CAP	135.58			11.5	15.3								14.40		6.35	1.00	
223	U 15+13.72	14.52	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 78.2 FT OF 36" SICPPP WITH END CAP INSTALL 35.0 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	138.68			15.1	20.1										8.34	1.00	
310	U 23+02.28	19.94	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 23.4 FT OF 10" SDR-35	110.16			13.3	17.7										7.34	1.00	
311	U 21+87.61	19.94	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.0 FT OF 24" SICPPP WITH END CAP INSTALL 31.4 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	114.68			13.3	17.7										7.35	1.00	
312	U 20+72.96	19.94	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.2 FT OF 24" SICPPP WITH END CAP INSTALL 31.3 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	118.89			13.3	17.7										7.34	1.00	
313	U 19+58.31	19.93	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.2 FT OF 24" SICPPP WITH END CAP INSTALL 31.3 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	123.09			13.3	17.7										7.35	1.00	
320	U 22+99.82	14.56	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.3 FT OF 36" SICPPP WITH END CAP INSTALL 12.6 FT OF 10" SDR-35	110.84			19.9	26.5										11.01	1.00	
									SHEET TOTALS: 611.6 234.7 1046.9 113.5 100.0 80.6 14.4 470.7 351.0 86.9 241.0 11.0 0.0													

ITEM NO.	DESCRIPTION	UNITS	NOTES
203.07	SELECT GRANULAR FILL	CY	1. 10" SDR-35 LATERAL PIPE LENGTHS INCLUDE VERTICAL PIPE LENGTH FROM DI LATERAL TO CS, SEE DETAIL ON DWG. NO. GID-11 2. BAFFLE WALL AND STAND PIPE DETAILS ARE SHOWN ON SHEETS GID-1 & GID-2
206.04	TRENCH AND CULVERT EXCAVATION - O.G.	CY	
623.12	CRUSHED STONE	CY	
603.98100604	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98100604-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.98101004-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.9824 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 24 IN DIAMETER	FT	
603.9836 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 36 IN DIAMETER	FT	
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME	EA	
655.1116	RETICULINE GRATE 16	EA	
655.1202	MANHOLE FRAME AND COVER	EA	

59  
127



SYRACUSE UNIVERSITY  
 COLLEGE OF ENGINEERING  
 DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING



**Barton & Loguidice, P.C.**  
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR

CITY OF SYRACUSE

ONONDAGA COUNTY

CONTRACT 1 P.I.N. 3754.46

DRAINAGE TABLES

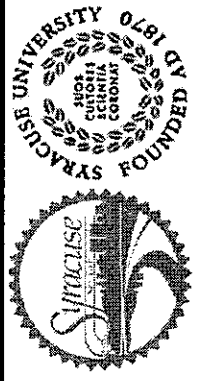
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 DATE ISSUED: 4/2011  
 DRAWING  
 DT-2

DS NO	LOCATION			STRUCTURE TYPE	DESCRIPTION	RIM ELEVATION (FT)	INVERT ELEVATIONS (FT)	SLOPE %	623.12 CY	203.07 CY	206.04 CY	603.98100604 FT	603.98100604-P FT	603.98101004 FT	603.98101004-P FT	603.9824-P FT	603.9836-P FT	604.302091 FT	605.1502 FT	655.0902 EA	655.1202 EA	
	STATION	OFFSET (FT)	SIDE																			
321	U 22+03.46	9.97	RT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 14.2 FT OF PERFORATED 10" SDR-35 WITH END CAP	114.36				10.2	13.7									5.67		1.00
							111.36	0.50		2.2	2.5				14.20							
322	U 21+54.50	14.56	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.3 FT OF 36" SICPPP WITH END CAP INSTALL 14.7 FT OF 10" SDR-35	116.10				17.5	23.3									9.67		1.00
							110.43	0.00	90.9		117						100.30					
							109.10	2.00		8.8	9.0			14.70								
323	U 20+93.98	9.97	RT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 14.5 FT OF PERFORATED 10" SDR-35 WITH END CAP	118.36				11.5	15.3									6.35		1.00
							114.68	0.50		3.4	3.7			14.50								
324	U 20+24.45	14.55	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 100.3 FT OF 36" SICPPP WITH END CAP INSTALL 46.3 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	120.87				15.1	20.1									8.34		1.00
							115.20	0.00	90.9		117.0						100.30					
							115.20	0.58		9.1	9.3	26.30	20.00									
325	U 19+07.51	9.96	RT	T	INSTALL TYPE T DI WITH #11 PCB WITH CROSS BARS INSTALL 14.5 FT OF PERFORATED 10" SDR-35 WITH END CAP	125.19				9.5	12.7									5.26		1.00
							122.60	0.50		1.7	2.0			14.50								
410	U 27+36.91	20.5	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 70.1 FT OF 24" SICPPP WITH END CAP INSTALL 22.2 FT OF 10" SDR-35	86.01				15.7	20.9						70.10			8.67		1.00
							81.34	0.00	49.0		57.1											
							80.01	2.00		11.1	11.6			22.20								
411	U 26+12.92	19.94	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 70.3 FT OF 24" SICPPP WITH END CAP INSTALL 70.9 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	93.47				13.3	17.7									7.34		1.00
							88.80	0.00	49.1								70.30					
							88.80	5.60		13.8	14.1	50.90	20.00									
412	U 25+27.25	19.99	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 70.1 FT OF 24" SICPPP WITH END CAP INSTALL 32.3 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	98.39				14.2	19.0									7.88		1.00
							93.18	0.00	53.6		61.8						70.10					
							93.18	2.85		3.9	4.0	12.30	20.00									
420	U 27+36.11	26.14	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS INSTALL 75.0 FT OF 36" SICPPP WITH END CAP INSTALL 20.8 FT OF 10" SDR-35	88.78				17.5	23.3									9.67		1.00
							83.11	0.00	71.2		91.0						75.00					
							83.11	2.00		9.4	9.8			20.80								
421	U 26+51.98	25.75	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2), CAST FRAME, AND MANHOLE COVER INSTALL 75.6 FT OF 36" SICPPP WITH END CAP INSTALL 25.8 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	93.33				17.5	23.3									9.67		1.00
							86.33	0.00	73.3		93.1						75.60					
							86.33	0.19		2.1	2.1	5.80	20.00									
422	25+55.15	25.81	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2), CAST FRAME, AND MANHOLE COVER INSTALL 75.5 FT OF 36" SICPPP WITH END CAP INSTALL 38.7 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED	98.89				15.1	20.1									8.34		1.00
							93.22	0.00	73.9		93.7						75.50					
							93.22	2.74		6.6	6.8	18.70	20.00									
SHEET TOTALS:									551.9	229.2	972.3	114.0	100.0	57.7	43.2	210.5	426.7	86.9	0.0	9.0	2.0	

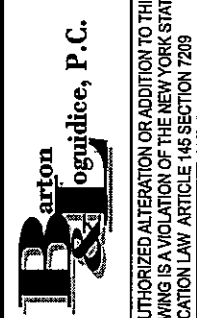
ITEM NO.	DESCRIPTION	UNITS	NOTES
203.07	SELECT GRANULAR FILL	CY	1. 10" SDR-35 LATERAL PIPE LENGTHS INCLUDE VERTICAL PIPE LENGTH FROM DI LATERAL TO CS, SEE DETAIL ON DWG. NO. G10-11 2. BAFFLE WALL AND STAND PIPE DETAILS ARE SHOWN ON SHEETS G10-1 & G10-2
206.04	TRENCH AND CULVERT EXCAVATION - O.G.	CY	
623.12	CRUSHED STONE	CY	
603.98100604	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98100604-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.98101004-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.9824 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 24 IN DIAMETER	FT	
603.9836 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 36 IN DIAMETER	FT	
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME	FT	
655.1116	RETICULINE GRATE 16	EA	
655.1202	MANHOLE FRAME AND COVER	EA	

60  
127

NO. DATE BY REVISION



**Syracuse University**  
FOUNDED 1848



**Barton & Loguidice, P.C.**

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

EAST GENESEE STREET  
CONNECTIVE CORRIDOR

CITY OF SYRACUSE  
ONONDAGA COUNTY

CONTRACT 1 P.I.N. 3754.46

DRAINAGE TABLES

SCALE: NONE  
DATE ISSUED: 4/2011  
DRAWING  
DT-3

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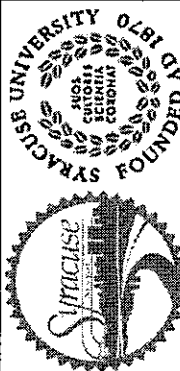
IN CHARGE OF JPD DESIGN BY AJY CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY AJY DRAFTED BY PZJ/ASK CHECKED BY AJY

DS NO	LOCATION			STRUCTURE TYPE	DESCRIPTION	RIM ELEVATION (FT)	INVERT ELEVATIONS (FT)	SLOPE %													
	STATION	OFFSET (FT)	SIDE						623.12	203.07	206.04	603.98100604	603.98100604-P	603.98101004	603.98101004-P	603.9824-P	603.9836-P	604.302091	605.1502	655.0902	655.1202
									CY	CY	CY	FT	FT	FT	FT	FT	FT	EA	EA		
423	U 24+70.71	25.74	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2), CAST FRAME, AND MANHOLE COVER	103.72				15.1	20.1							8.34	1.00		
					INSTALL 75.4 FT OF 36" SICPPP WITH END CAP		98.05	0.00	71.7		91.5							75.40			
					INSTALL 26.2 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED		98.05	1.26		2.3	2.3	6.20	20.00								
510	U 32+68.73	17.92	LT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS	77.08				15.1	20.1							8.34	1.00		
					INSTALL 200.2 FT OF 36" SICPPP WITH END CAP		71.41	0.00	193.2		218.7							200.20			
					INSTALL 13.9 FT OF 10" SDR-35		71.41	2.00		6.7	7.0		13.90								
511	U 30+54.91	17.96	LT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS	80.18				17.5	23.3							9.67	1.00		
					INSTALL 200.2 FT OF 36" SICPPP WITH END CAP		74.81	0.00	178.4		203.9							200.20			
					INSTALL 29.9 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED		74.81	0.00		3.5	3.6	9.90	20.00								
520	U 32+70.16	14.55	RT	T	INSTALL TYPE T DI WITH BAFFLE WALL (NOTE 2) AND #11 PCB WITH CROSS BARS	77.19				13.3	17.7							7.34	1.00		
					INSTALL 200.2 FT OF 24" SICPPP WITH END CAP		72.52	0.00	120.5		143.8							200.20			
					INSTALL 24.5 FT OF 10" SDR-35		72.52	2.00		9.9	10.3		24.50								
521	U 30+60.49	14.55	RT	T	INSTALL TYPE T DI WITH STAND PIPE (NOTE 2) AND #11 PCB WITH CROSS BARS	80.22				14.7	19.6							8.13	1.00		
					INSTALL 200.2 FT OF 24" SICPPP WITH END CAP		74.76	0.00	147.2		170.5							200.20			
					INSTALL 26.3 FT OF 6" SDR-35 WITH END CAP, DOWNSTREAM 20 FT PERFORATED		74.76	0.00		2.3	2.3	6.30	20.00								
SHEET TOTALS:									711.0	100.4	954.7	22.4	60.0	38.4	0.0	400.4	475.8	41.8	0.0	4.0	1.0
CUMULATIVE TOTALS:									2155.0	767.4	3560.2	338.6	300.0	287.9	71.9	1584.4	1253.5	283.9	241.0	31.0	5.0


PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

ITEM NO.	DESCRIPTION	UNITS	NOTES
203.07	SELECT GRANULAR FILL	CY	1. 10" SDR-35 LATERAL PIPE LENGTHS INCLUDE VERTICAL PIPE LENGTH FROM DI LATERAL TO CS, SEE DETAIL ON DWG. NO. GID-11
206.04	TRENCH AND CULVERT EXCAVATION - O.G.	CY	
623.12	CRUSHED STONE	CY	2. BAFFLE WALL AND STAND PIPE DETAILS ARE SHOWN ON SHEETS GID-1 & GID-2
603.98100604	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98100604-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 6 NPS	FT	
603.98101004	POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.98101004-P	PERFORATED POLYVINYL CHLORIDE (PVC) SEWER PIPE & FITTING 10 NPS	FT	
603.9824 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 24 IN DIAMETER	FT	
603.9836 P	PERFORATED SMOOTH INTERIOR CORRUGATED POLYETHYLENE CULVERT AND STORMDRAIN 36 IN DIAMETER	FT	
604.302016	RECTANGULAR DRAINAGE STRUCTURE TYPE T FOR #16 WELDED FRAME	FT	
655.1116	RETICULINE GRATE 16	EA	
655.1202	MANHOLE FRAME AND COVER	EA	

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127



SYRACUSE UNIVERSITY  
 SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING  
 FOUNDED 1828



**Barton Loguidice, P.C.**

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR

CITY OF SYRACUSE

ONONDAGA COUNTY

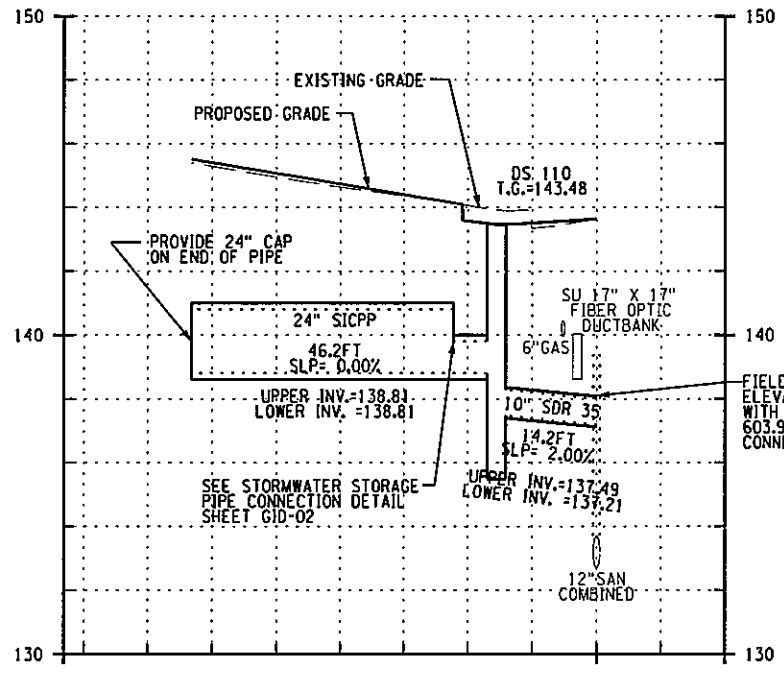
CONTRACT 1 P.I.N. 3754.46

DRAINAGE TABLES

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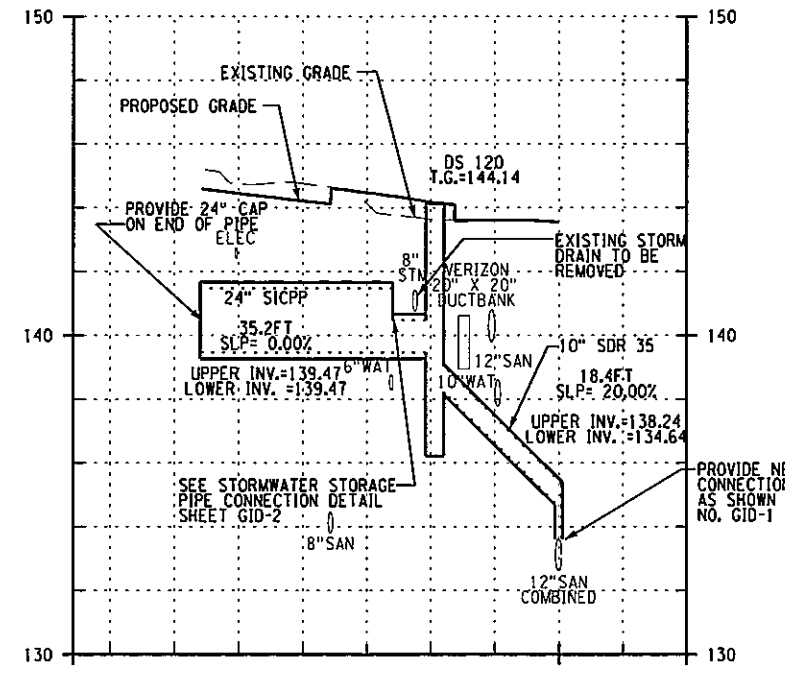
DATE ISSUED: 4/2011

DRAWING DT-4



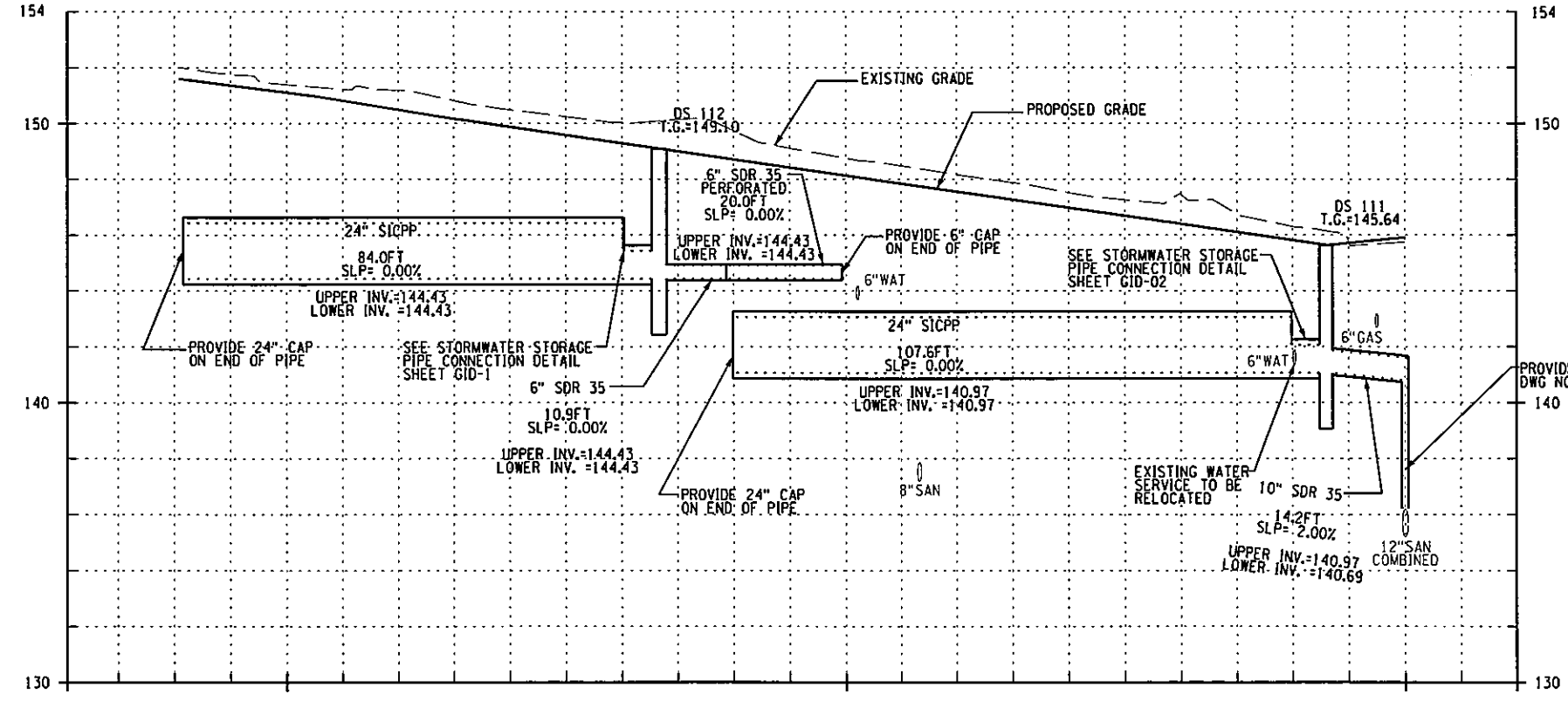
DS 110

FIELD VERIFY EXISTING FIBER OPTIC DUCTBANK ELEVATION AND CONNECT TO EXISTING 12" CIP LATERAL WITH FLEXIBLE COUPLING TO BE PAID FOR UNDER ITEM 603.98101004 IF POSSIBLE, OTHERWISE PROVIDE NEW WYE CONNECTION TO CS AS SHOWN ON DWG NO. GID-1

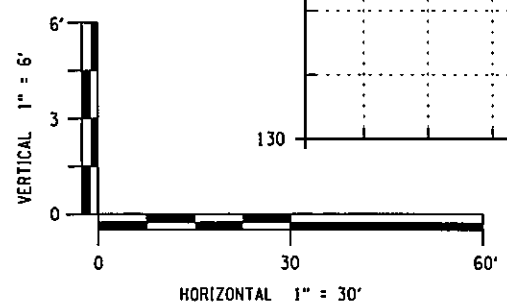


DS 120

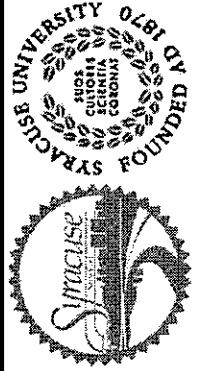
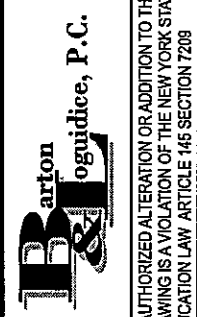
PROVIDE NEW WYE CONNECTION TO CS AS SHOWN ON DWG NO. GID-1



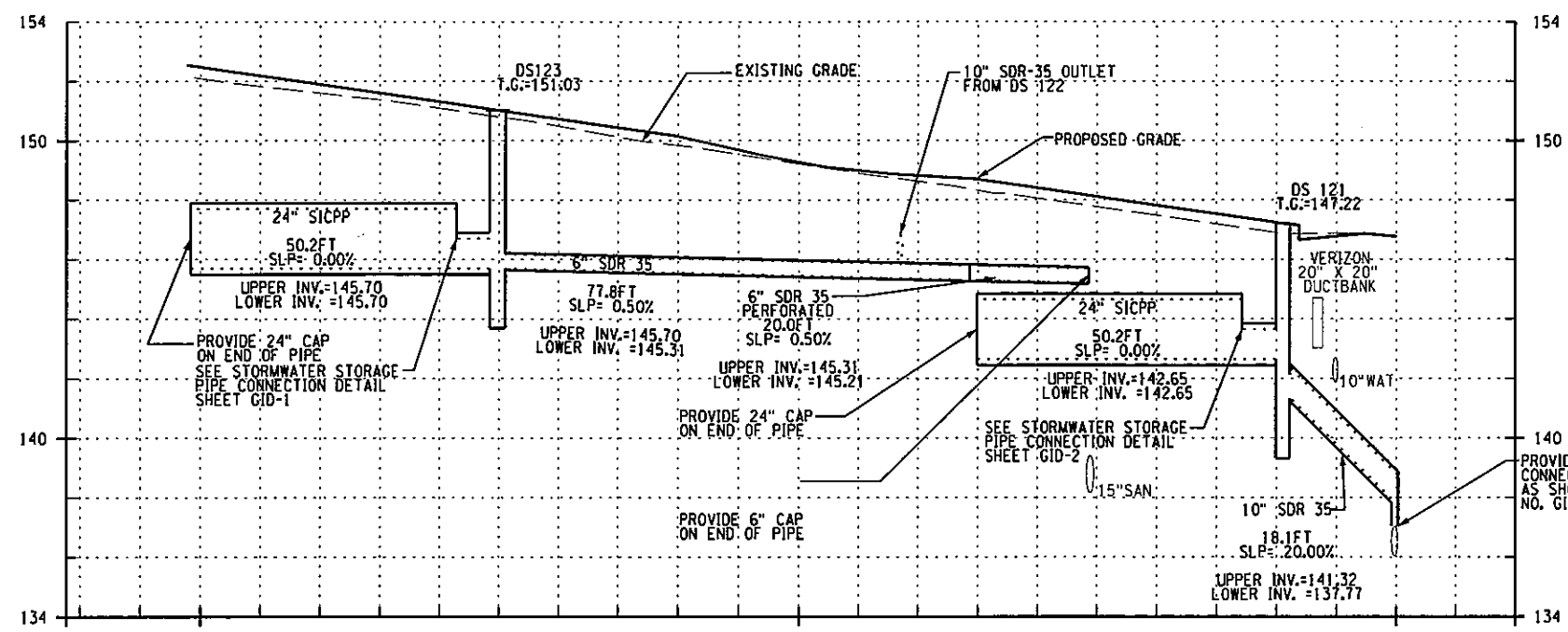
DS 111 - DS 112



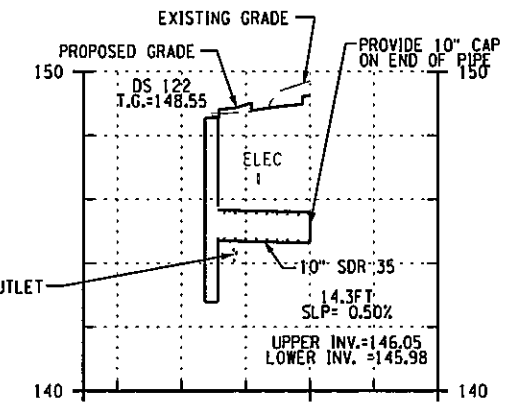
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

NO. DATE BY REVISION	
	
	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7208	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.I.N. 3754.46
CITY OF SYRACUSE	
ONONDAGA COUNTY	
CONTRACT 1	
DRAINAGE PROFILES	
SCALE: AS NOTED	
DATE ISSUED: 4/2011	
DRAWING	
DP-1	

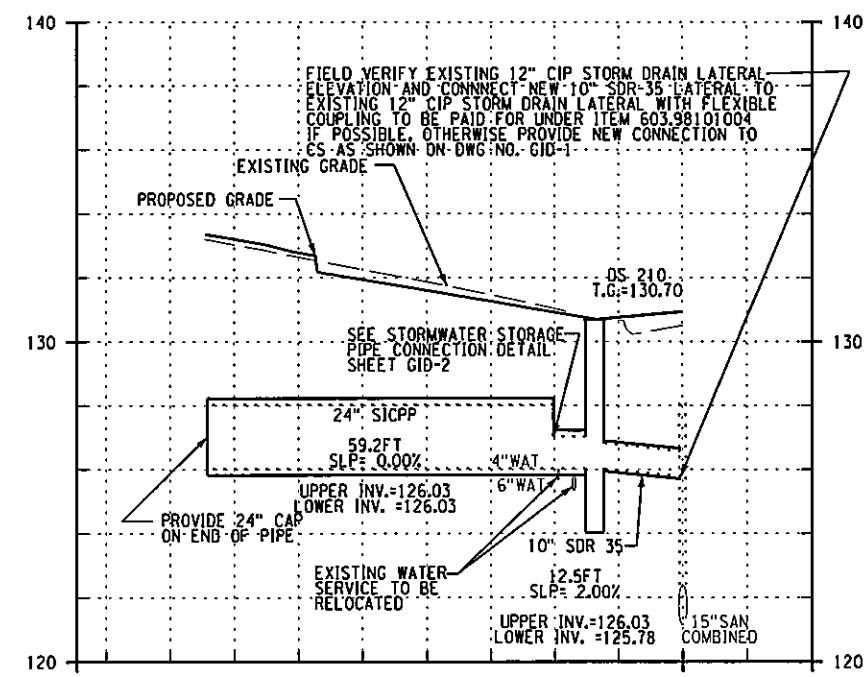
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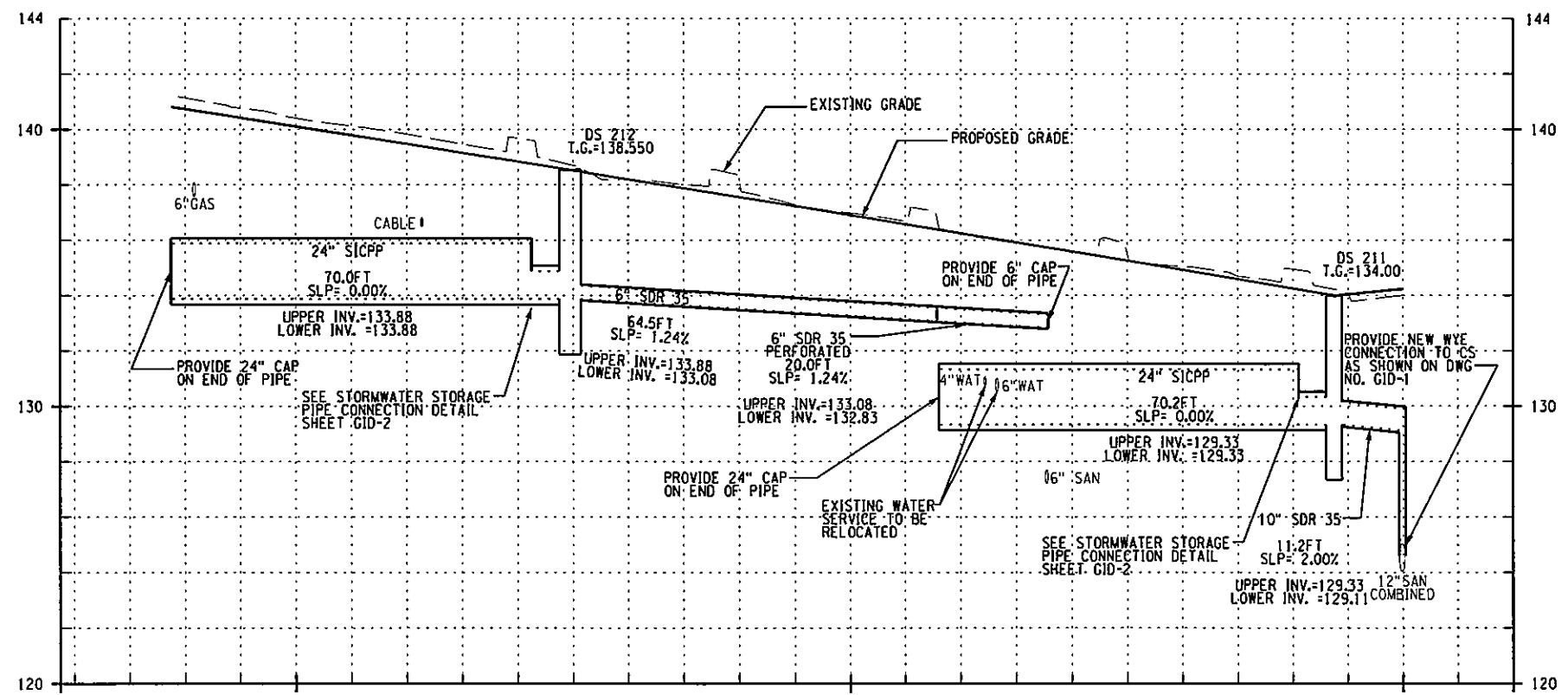
DS 121 - DS 123



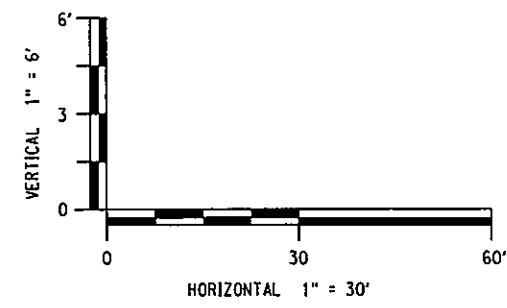
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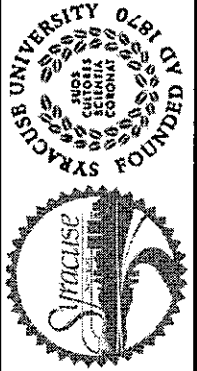
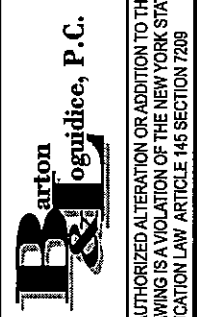
DS 210



DS 211 - DS 212



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 ON: APR. 2011

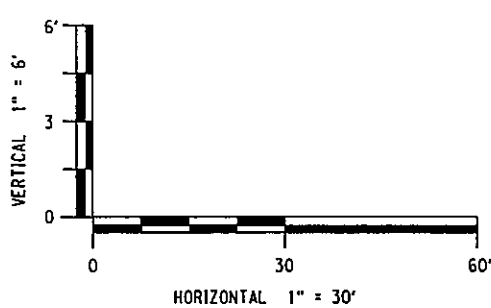
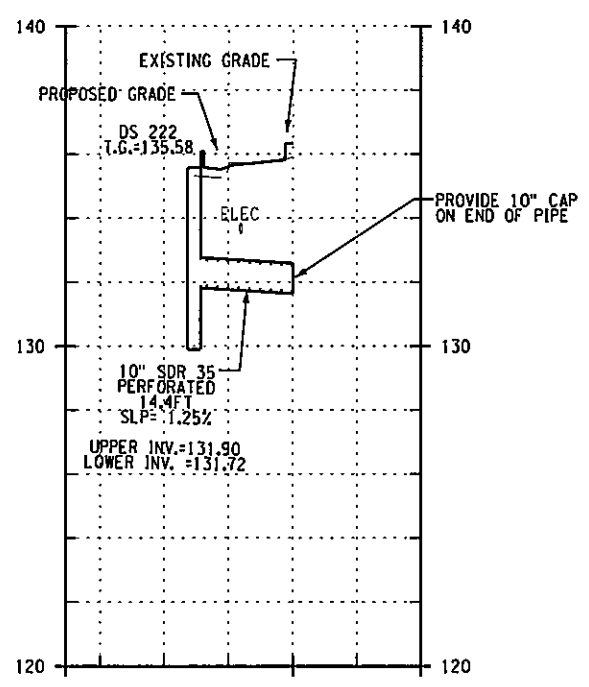
63 127			
NO.	DATE	BY	REVISION
 SYRACUSE UNIVERSITY COLLEGE OF ENGINEERING SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING FOUNDED 1828			
 BARTON LOGUIDICE, P.C.			
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209			
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1		CONTRACT 1	
DRAINAGE PROFILES			
SCALE: AS NOTED			
DATE ISSUED: 4/2011			
DRAWING DP-2			

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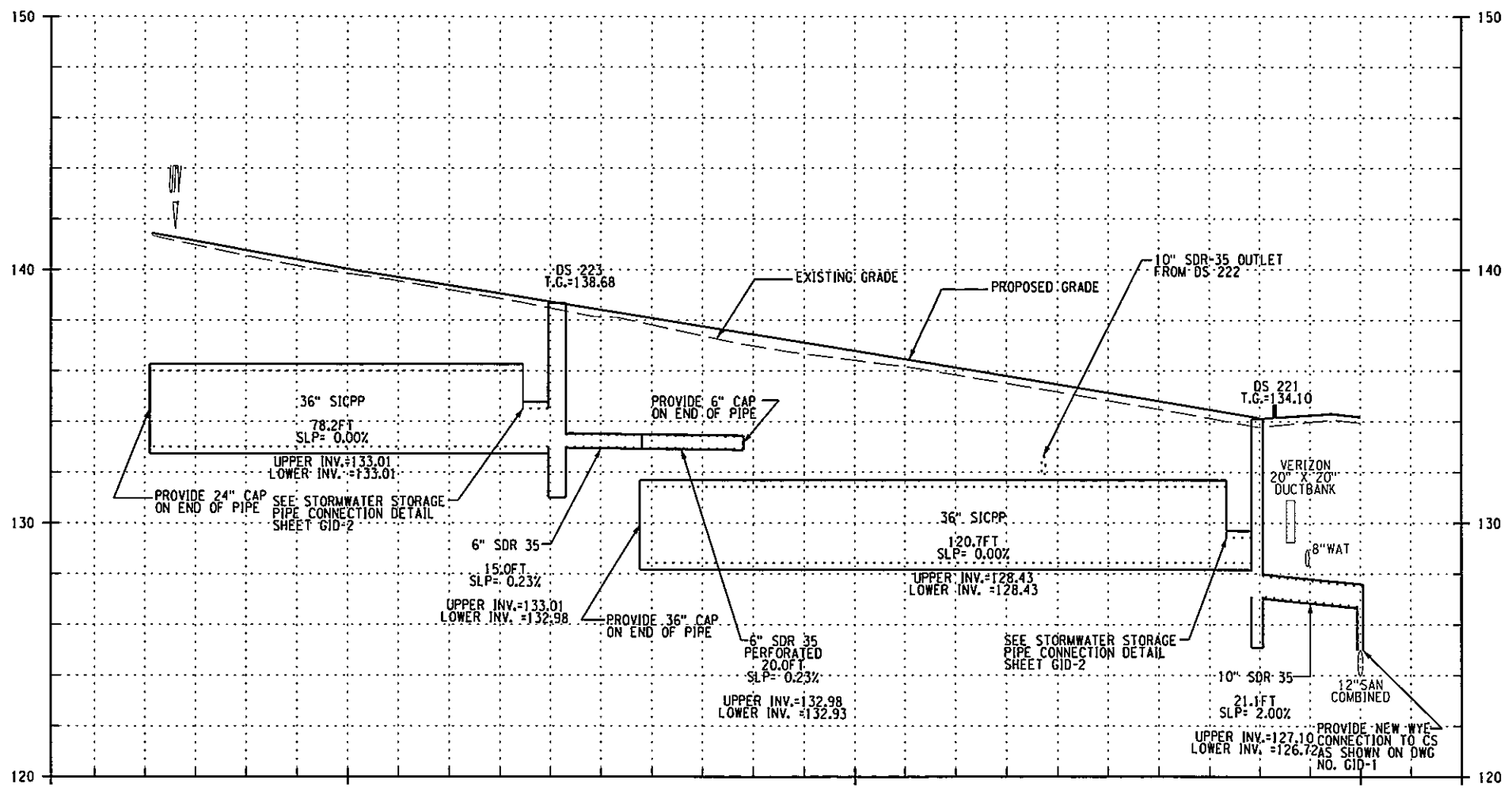
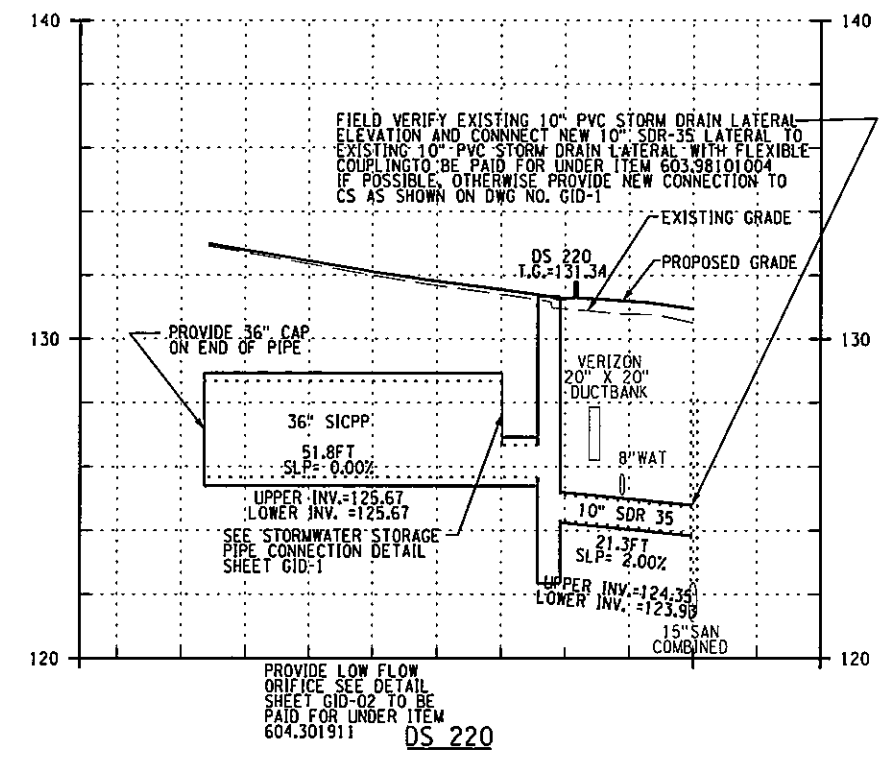
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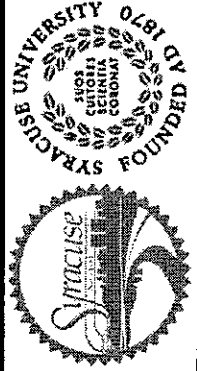

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 DESIGN BY: AJY  
 CHECKED BY: JPD/CAW  
 ESTIMATED BY: ASK  
 DRAFTED BY: AJY  
 CHECKED BY: PJJ/ASK  
 CHECKED BY: AJY

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



**DS 310**

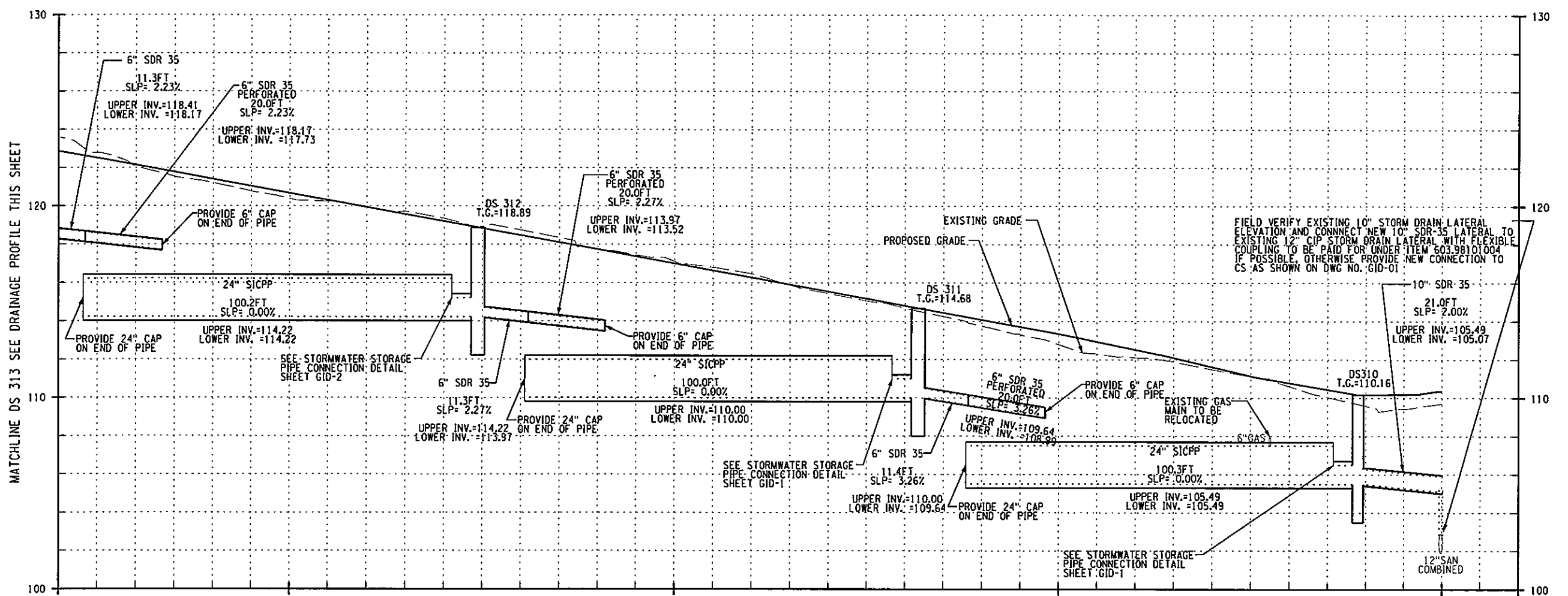


64		127	
NO.	DATE	BY	REVISION
 SYRACUSE UNIVERSITY LIBRARY 1001 SUTHERLAND AVENUE SYRACUSE, NY 13210-1000 FOUNDED 1828			
 <b>Barton &amp; Loguidice, P.C.</b> UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209			
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1		CONTRACT 1	
DRAINAGE PROFILES			
SCALE: AS NOTED			
DATE ISSUED: 4/2011			
DRAWING DP-3			

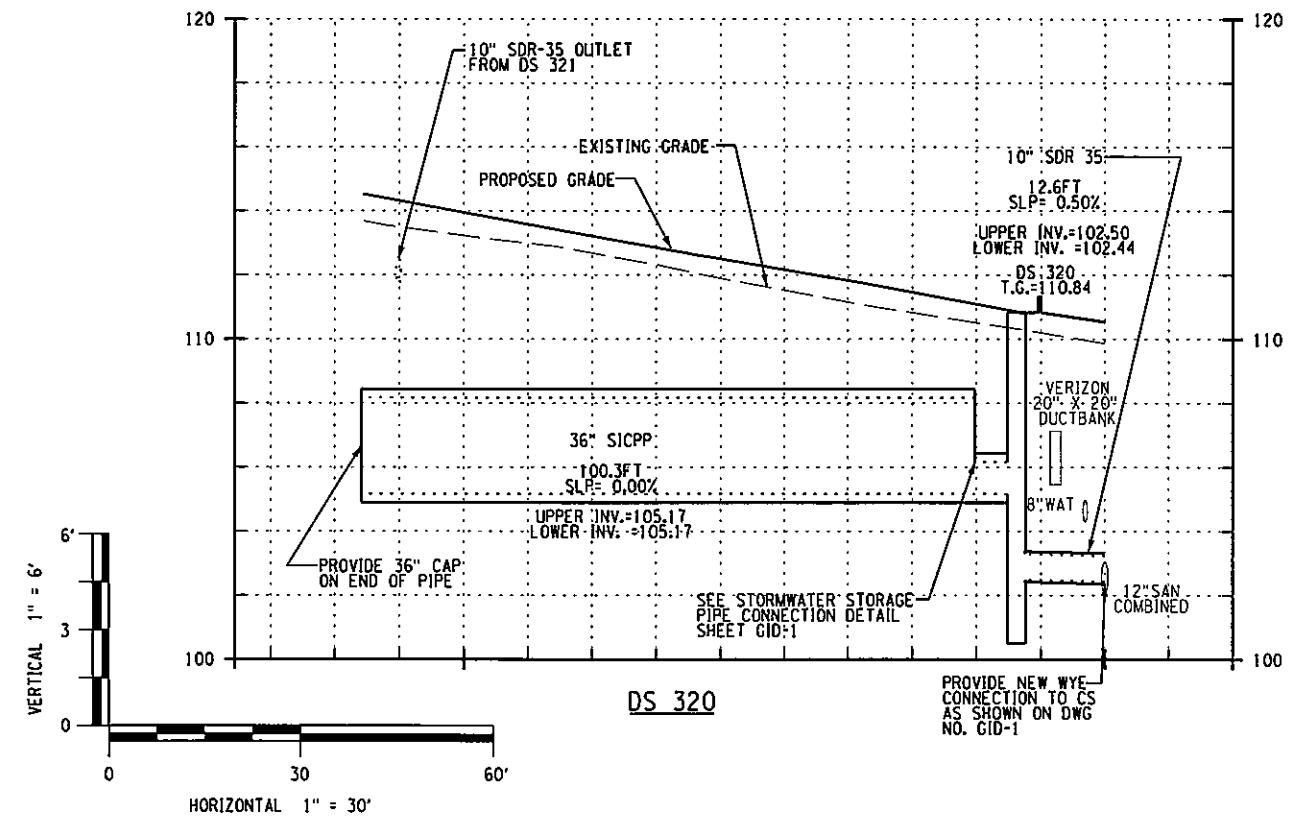


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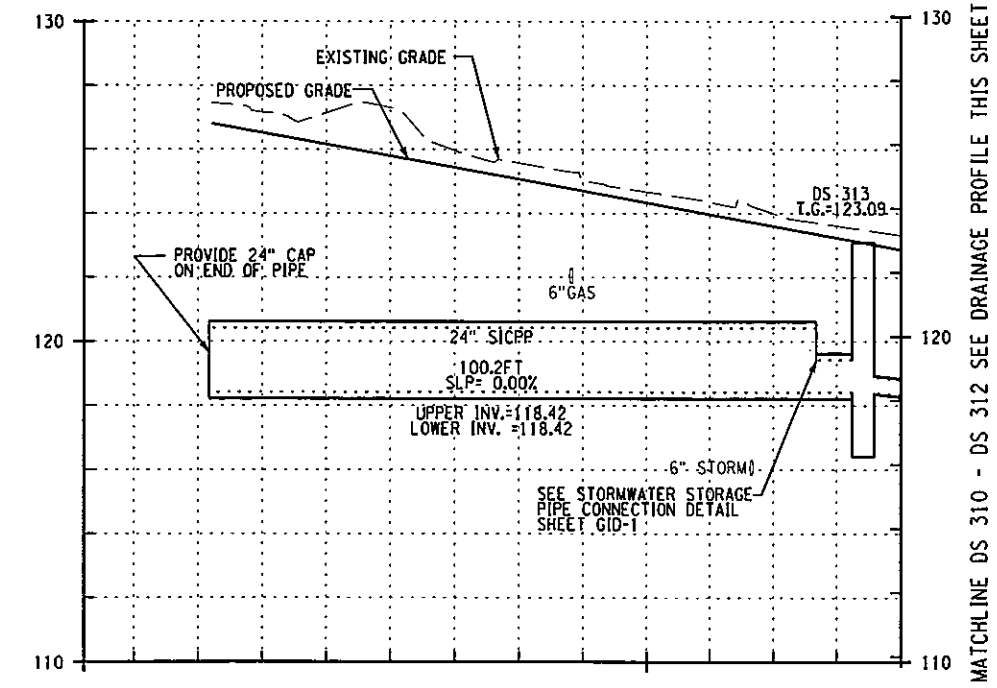
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



DS 310 - DS 312



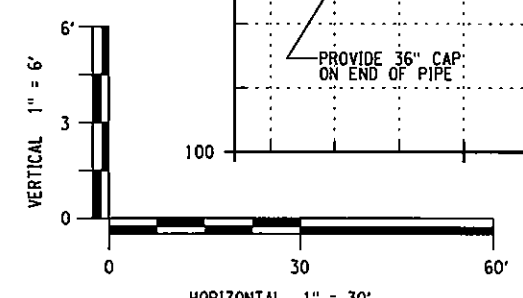
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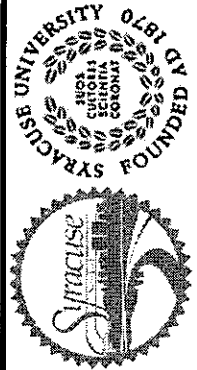
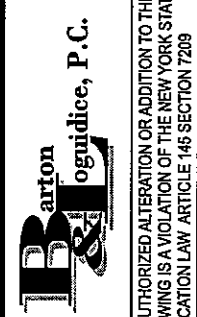


DS 313

MATCHLINE DS 310 - DS 312 SEE DRAINAGE PROFILE THIS SHEET

MATCHLINE DS 313 SEE DRAINAGE PROFILE THIS SHEET

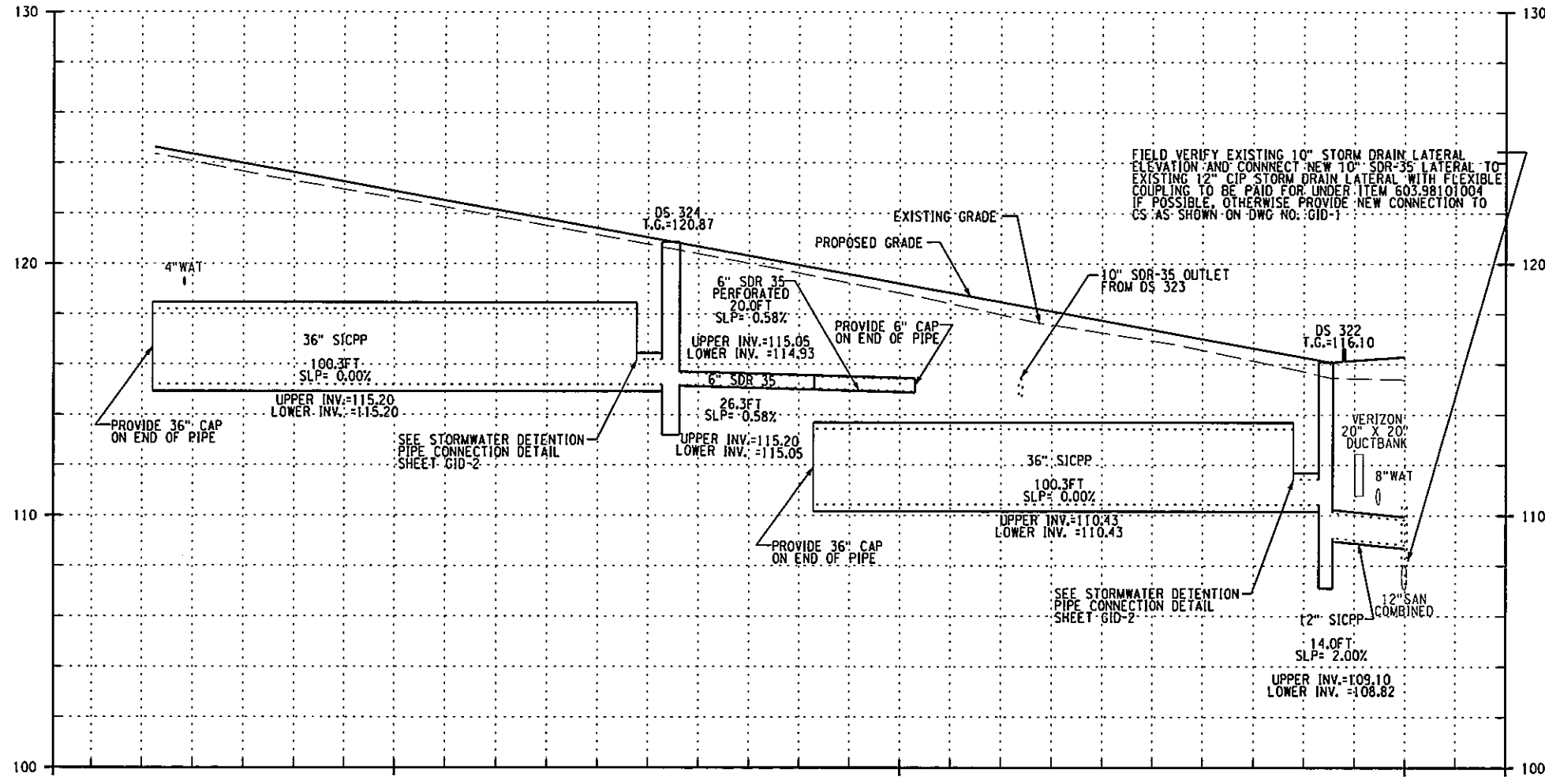
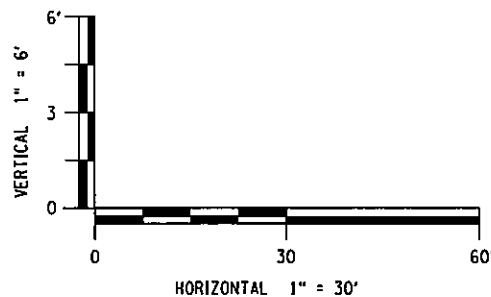


65	
127	
NO. DATE	REVISION
 SYRACUSE UNIVERSITY COLLEGE OF ENGINEERING FOUNDED 1828	
 BARTON & LOGUIDICE, P.C. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
DRAINAGE PROFILES SCALE: AS NOTED DATE ISSUED: 4/2011 DRAWING DP-4	

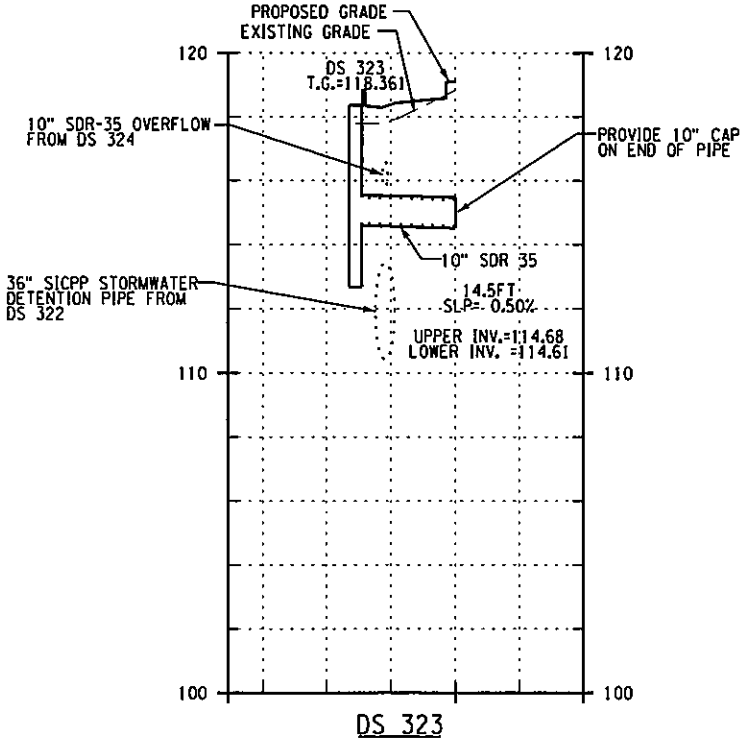


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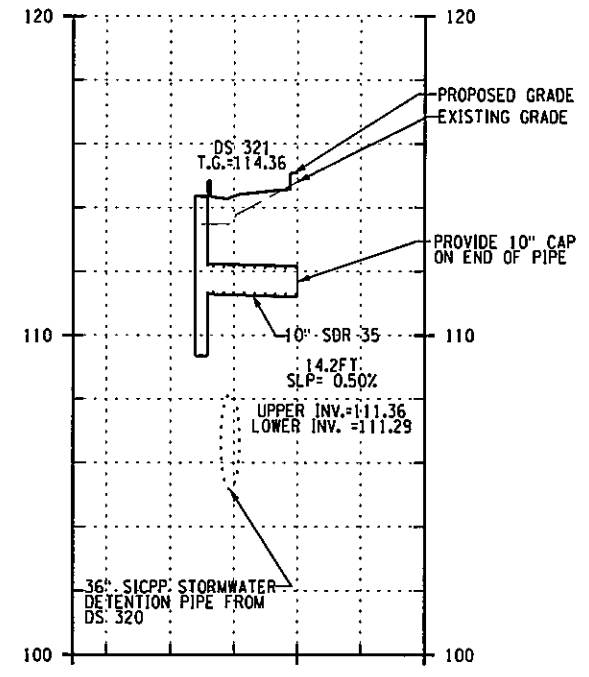
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



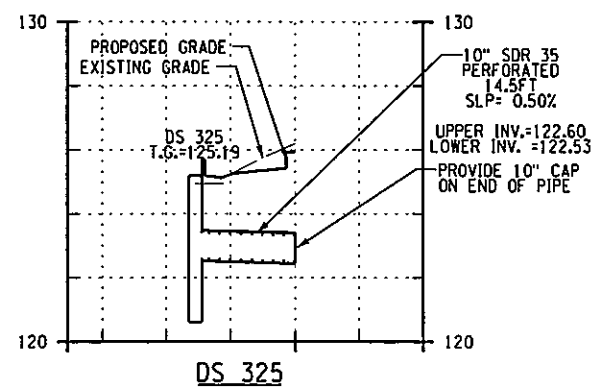
DS 322 - DS 324



DS 323

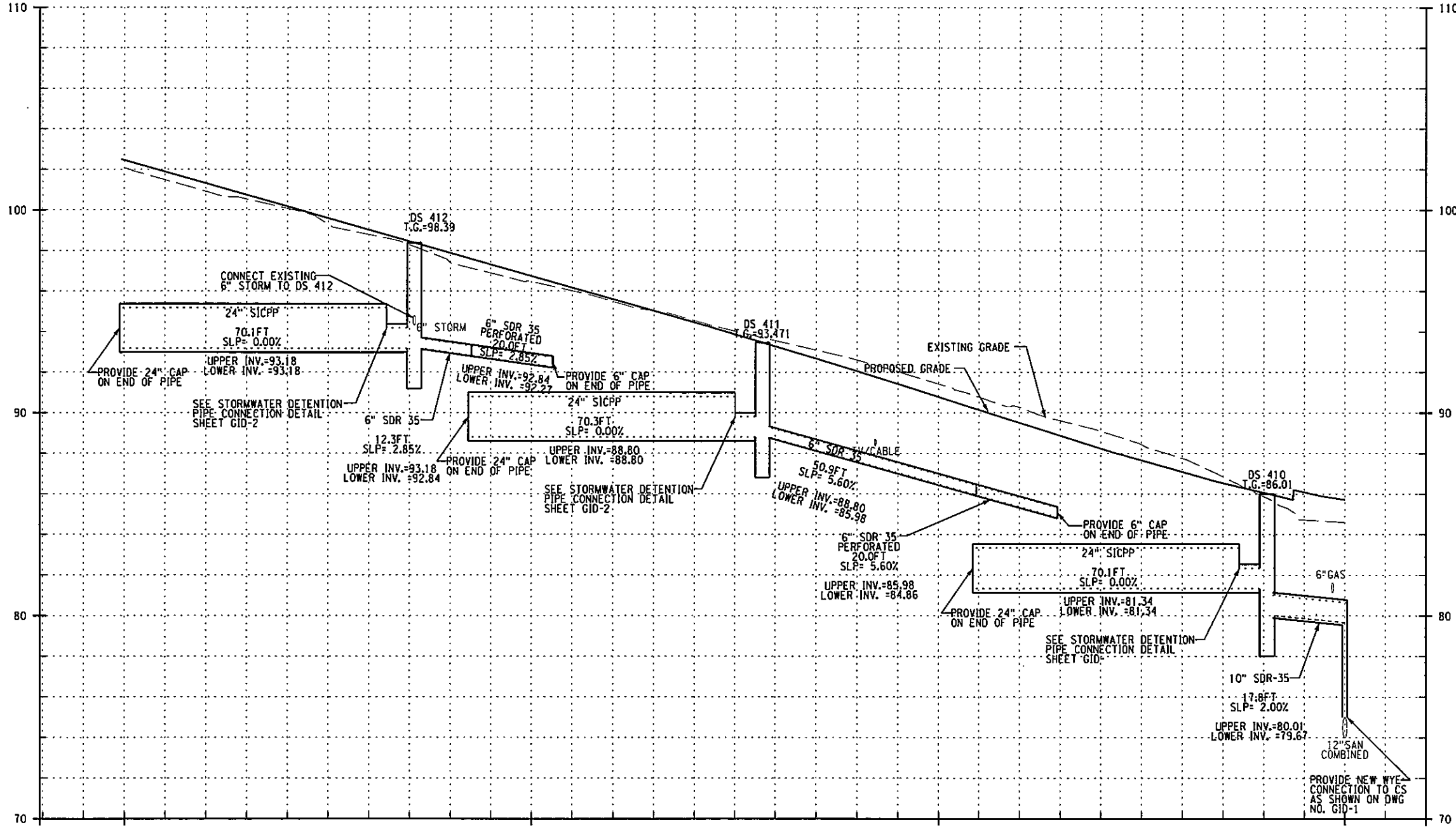


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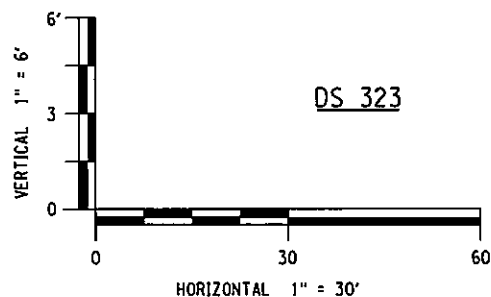


DS 325

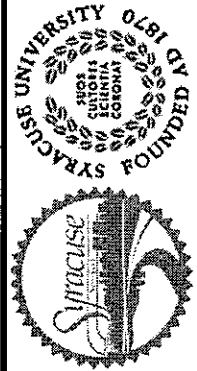
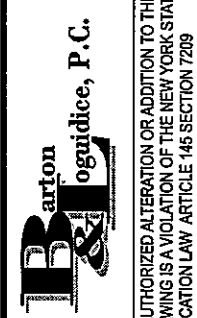
NO. DATE BY REVISION	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209	
EAST GENESSEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
	ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
DRAINAGE PROFILES	
SCALE: AS NOTED	
DATE ISSUED: 4/2011	
DRAWING	
DP-5	



DS 410 - DS 412



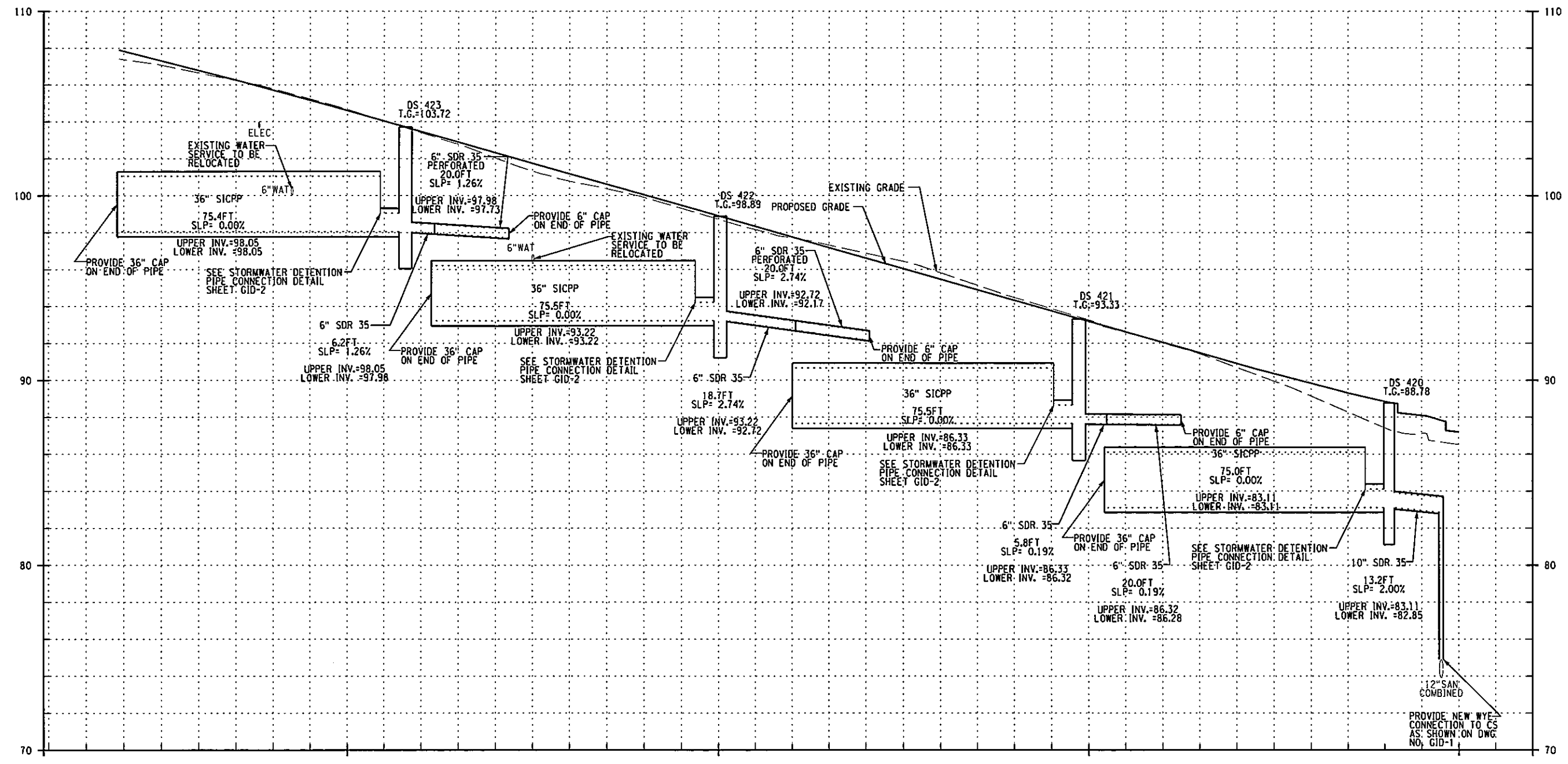
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

	
	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
DRAINAGE PROFILES	
SCALE: AS NOTED DATE ISSUED: 4/2011 DRAWING	
DP-6	

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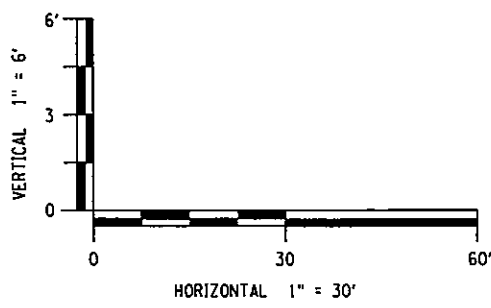
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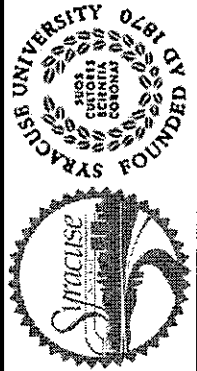
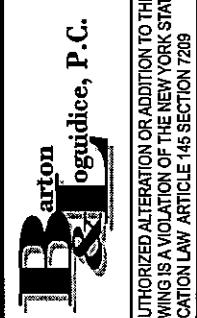
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DS 420 - DS 423

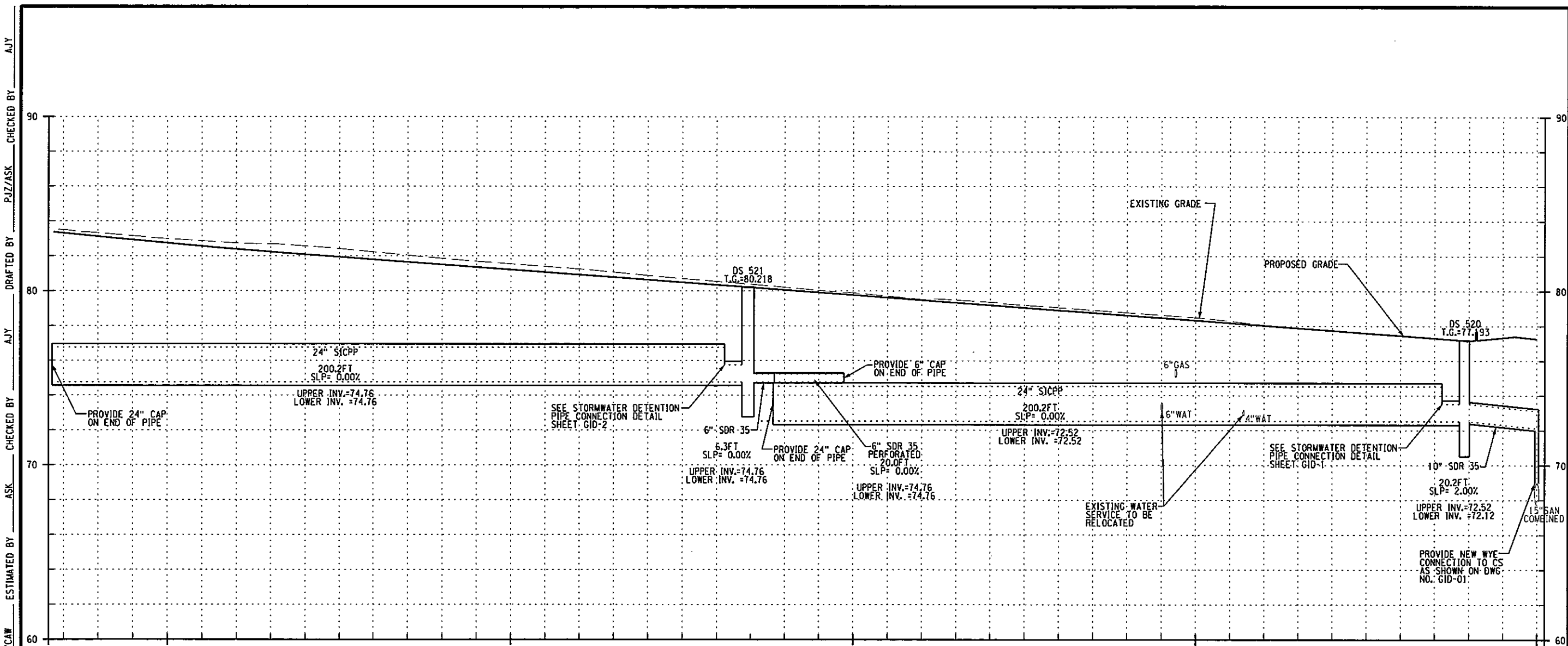
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



NO. DATE		BY REVISION	
			
			
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209</small>			
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
		ONONDAGA COUNTY	
CONTRACT 1		P.I.N. 3754.46	
DRAINAGE PROFILES			
SCALE: AS NOTED			
DATE ISSUED: 4/2011			
DRAWING			
DP-7			

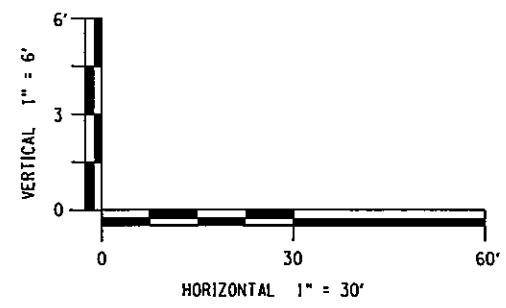
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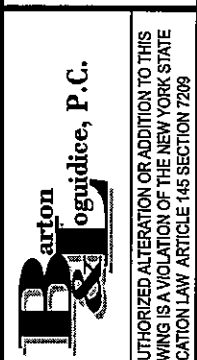
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DS 520 - DS 521

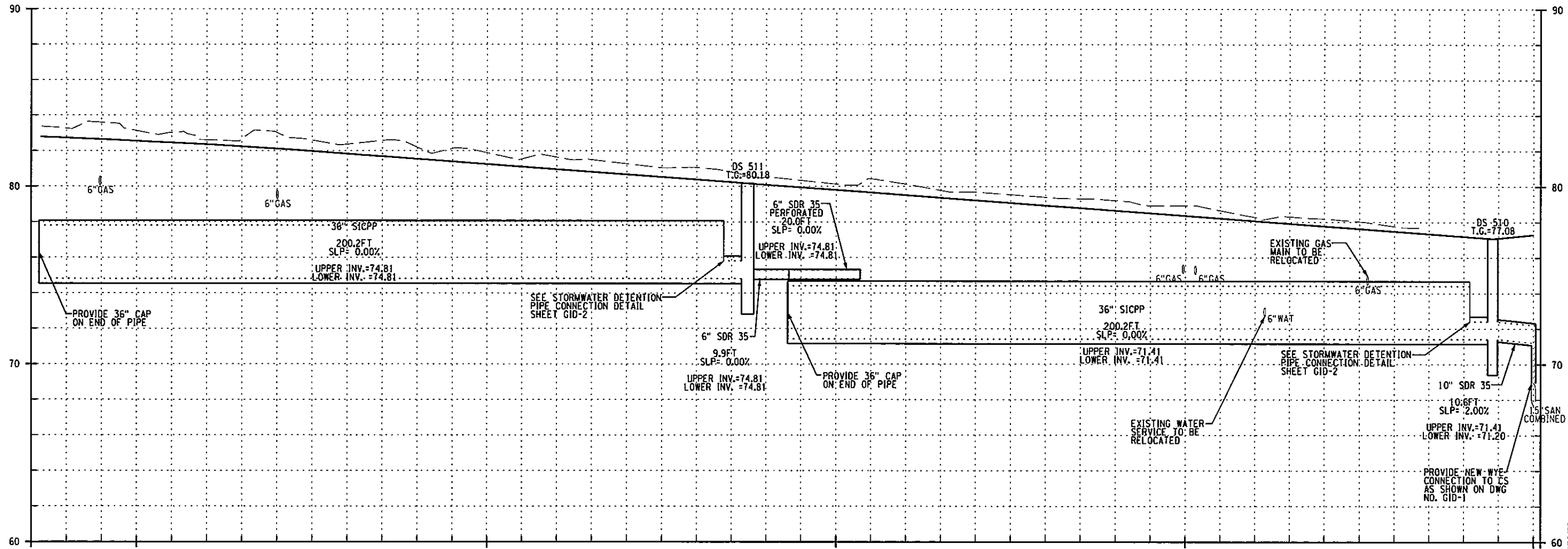
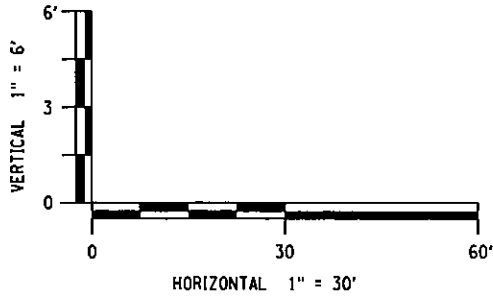
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 CHECKED BY: AJY  
 ESTIMATED BY: JPD/CAW  
 CHECKED BY: AJY  
 DRAFTED BY: PJJ/ASK  
 CHECKED BY: AJY  
 PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



NO. DATE BY REVISION	
	
	
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209</small>	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.I.N. 3754.46
CITY OF SYRACUSE	
ONONDAGA COUNTY	
CONTRACT 1	
DRAINAGE PROFILES	
SCALE: AS NOTED	
DATE ISSUED: 4/2011	
DRAWING	
DP-8	

IN CHARGE OF JPD DESIGN BY AJY CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY AJY DRAFTED BY PUZ/ASK CHECKED BY AJY

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



DS 510 - DS 511

NO.	DATE	BY	REVISION
70			
127			

UNIVERSITY OF SYRACUSE  
 FOUNDED 1828

SYRACUSE UNIVERSITY

Barton & Loguidice, P.C.  
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR

CITY OF SYRACUSE

ONONDAGA COUNTY

CONTRACT 1

P.I.N. 3754.46

DRAINAGE PROFILES

SCALE: AS NOTED  
 DATE ISSUED: 4/2011  
 DRAWING  
 DP-9



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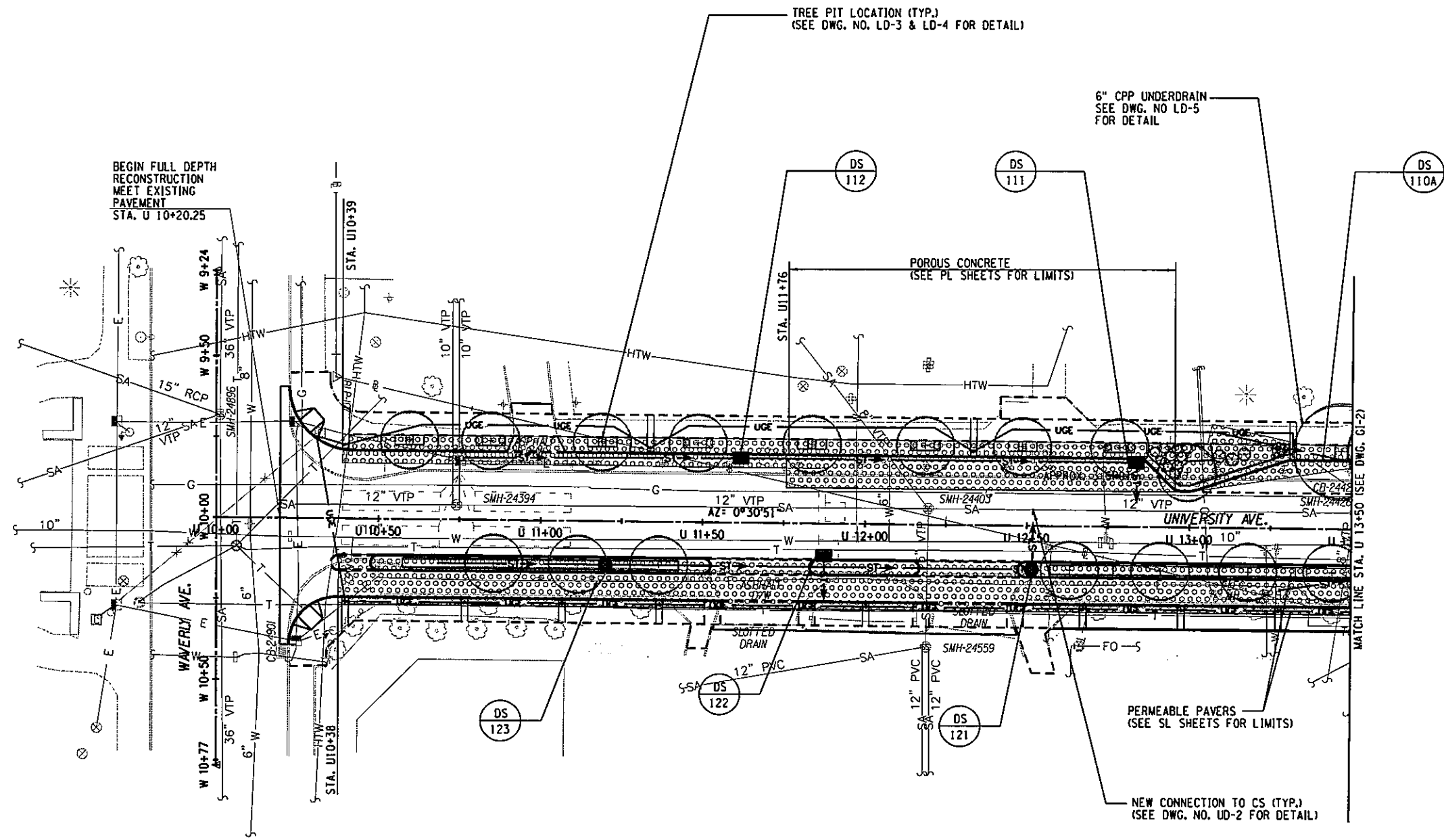
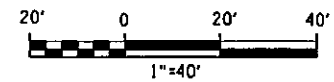
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON : APR. 2011

LEGEND:

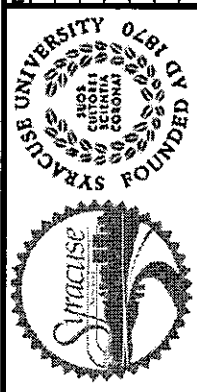
-  LIMITS OF SUB SURFACE STORAGE MATERIAL
-  NEW DRAINAGE STRUCTURE

NOTES:

1. REFER TO DWG. NOS. DT-1 THRU DT-4 FOR DRAINAGE TABLES.
2. REFER TO DWG. NOS. DP-1 THRU DP-9 FOR DRAINAGE PROFILES FOR DEPTH OF PIPE AND SUB SURFACE STORAGE MATERIAL
3. REFER TO DWG. NOS. PP-1 THRU PP-6 FOR SUSPENDED PAVEMENT SOIL SYSTEM APPLICATIONS.
4. REFER TO TYPICAL SECTIONS TS-1 THRU TS-2 FOR WIDTH OF SUB SURFACE STORAGE MATERIAL.



NO.	DATE	BY	REVISION



**Barton & Loguidice, P.C.**  
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

GREEN INFRASTRUCTURE PLAN  
 STA. U 10+00 TO STA. U 13+50  
 SCALE: 1"=40'  
 DATE ISSUED: 4/2011  
 DRAWING GI-1

IN CHARGE OF JPD DESIGN BY AJY CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY ASK DRAFTED BY AJY CHECKED BY PJZ/ASK

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

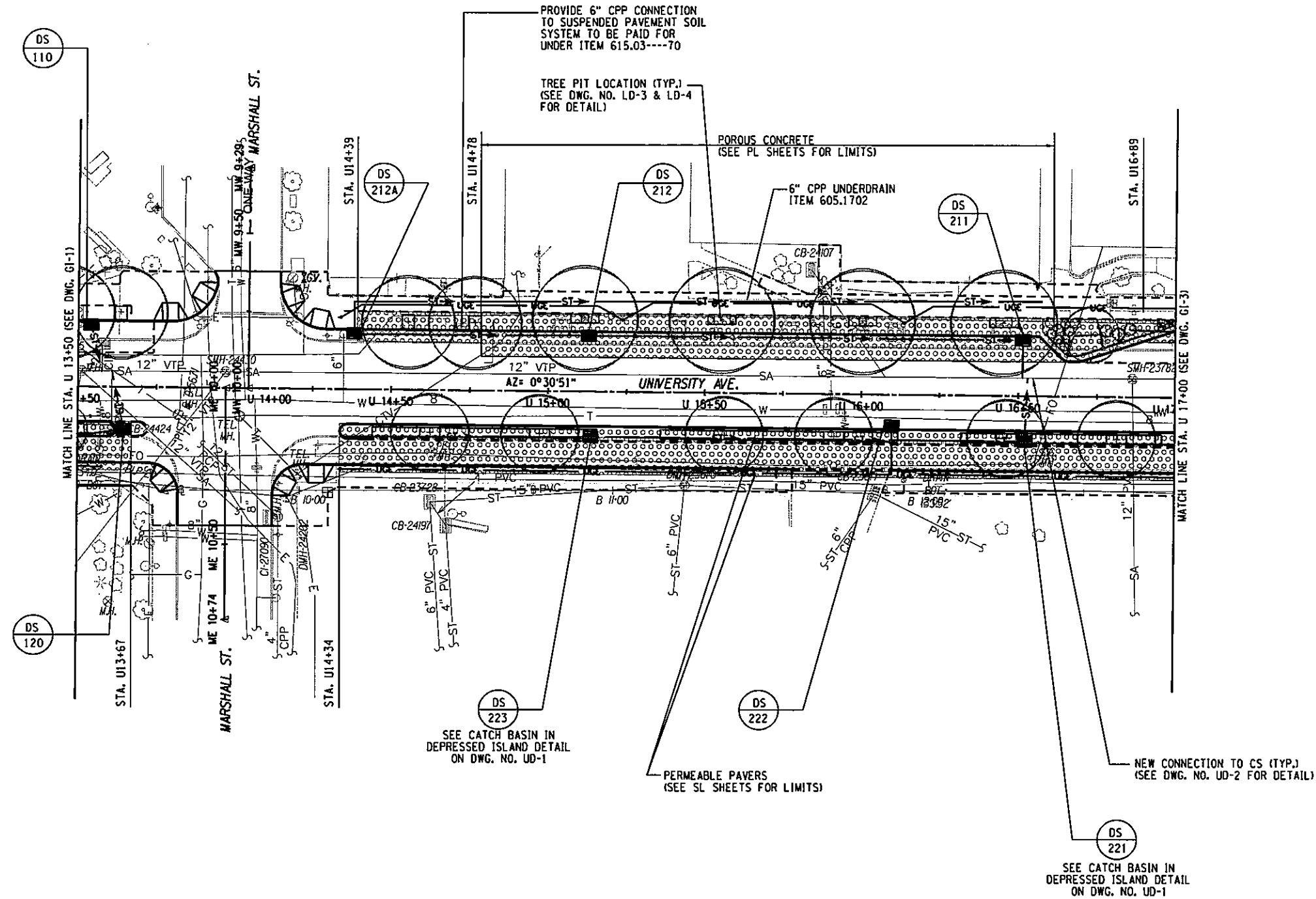
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LIMITS OF SUB SURFACE STORAGE MATERIAL

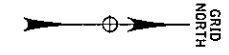
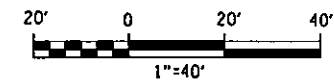


NEW DRAINAGE STRUCTURE



NOTES:

- REFER TO DWG. NOS. DT-1 THRU DT-4 FOR DRAINAGE TABLES.
- REFER TO DWG. NOS. DP-1 THRU DP-9 FOR DRAINAGE PROFILES FOR DEPTH OF PIPE AND SUB SURFACE STORAGE MATERIAL
- REFER TO DWG. NOS. PP-1 THRU PP-6 FOR SUSPENDED PAVEMENT SOIL SYSTEM APPLICATIONS.
- REFER TO TYPICAL SECTIONS TS-1 THRU TS-2 FOR WIDTH OF SUB SURFACE STORAGE MATERIAL.



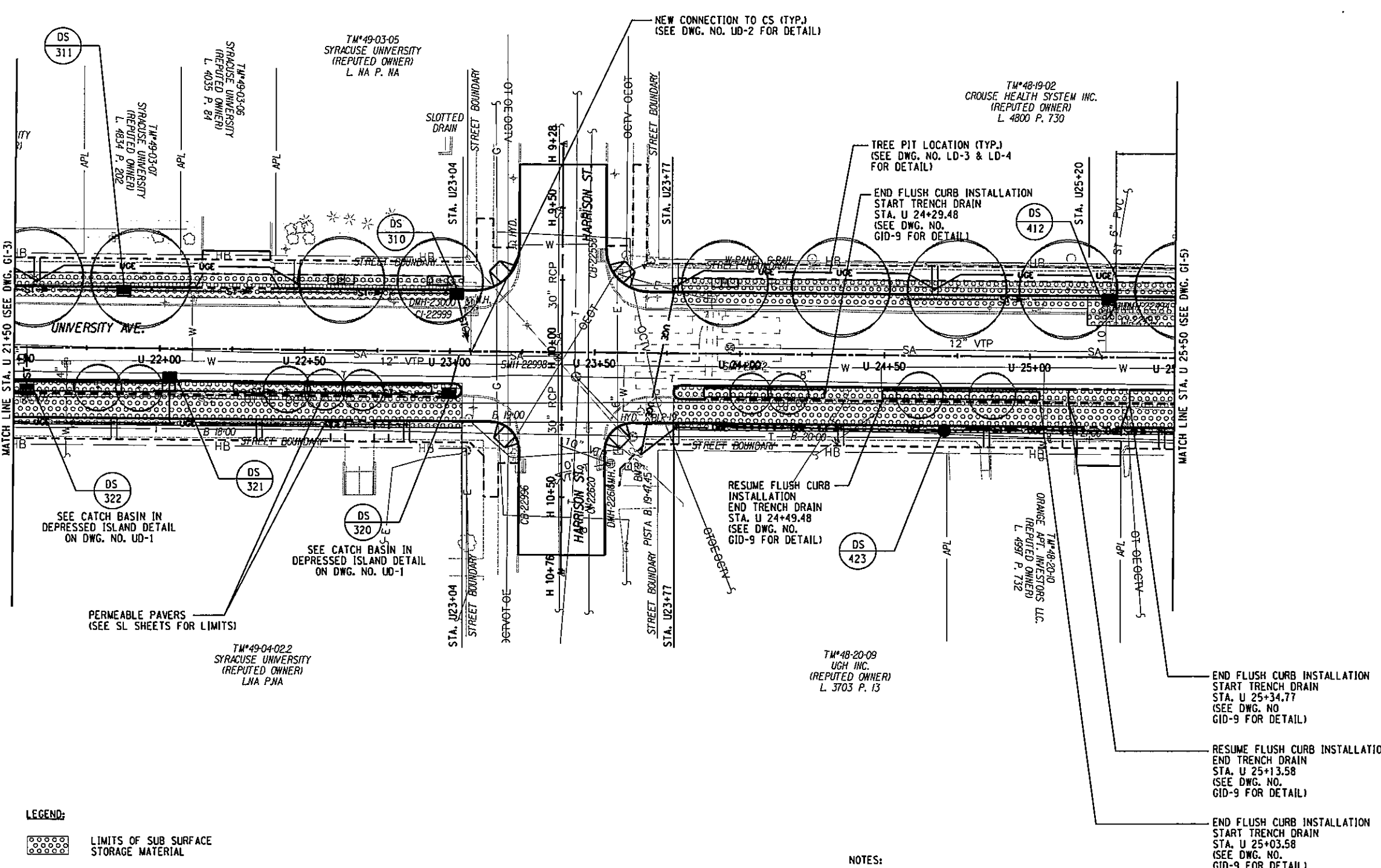
UNIVERSITY OF SYRACUSE FOUNDED 1820	
SYRACUSE UNIVERSITY	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
Barton & Loguidice, P.C.	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
	ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
GREEN INFRASTRUCTURE PLAN	
STA. U 13+50 TO STA. U 17+00	
SCALE: 1"=40'	
DATE ISSUED: 4/2011	
DRAWING	
GI-2	





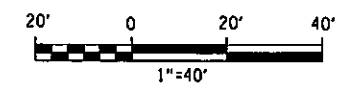
IN CHARGE OF JPD DESIGN BY AJY CHECKED BY JPD/CAW ESTIMATED BY ASK CHECKED BY AJY DRAFTED BY P/JZ/ASK CHECKED BY AJY

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON : APR. 2011



**LEGEND:**  
 LIMITS OF SUB SURFACE STORAGE MATERIAL  
 NEW DRAINAGE STRUCTURE

- NOTES:**
- REFER TO DWG. NOS. DT-1 THRU DT-4 FOR DRAINAGE TABLES.
  - REFER TO DWG. NOS. DP-1 THRU DP-9 FOR DRAINAGE PROFILES FOR DEPTH OF PIPE AND SUB SURFACE STORAGE MATERIAL
  - REFER TO DWG. NOS. PP-1 THRU PP-6 FOR SUSPENDED PAVEMENT SOIL SYSTEM APPLICATIONS.
  - REFER TO TYPICAL SECTIONS TS-1 THRU TS-2 FOR WIDTH OF SUB SURFACE STORAGE MATERIAL.



UNIVERSITY OF THE SUNBELT SYRACUSE UNIVERSITY FOUNDED 1820	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
GREEN INFRASTRUCTURE PLAN STA. U 21+50 TO STA. U 25+50 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING GI-4	
NO. DATE BY REVISION	74 127

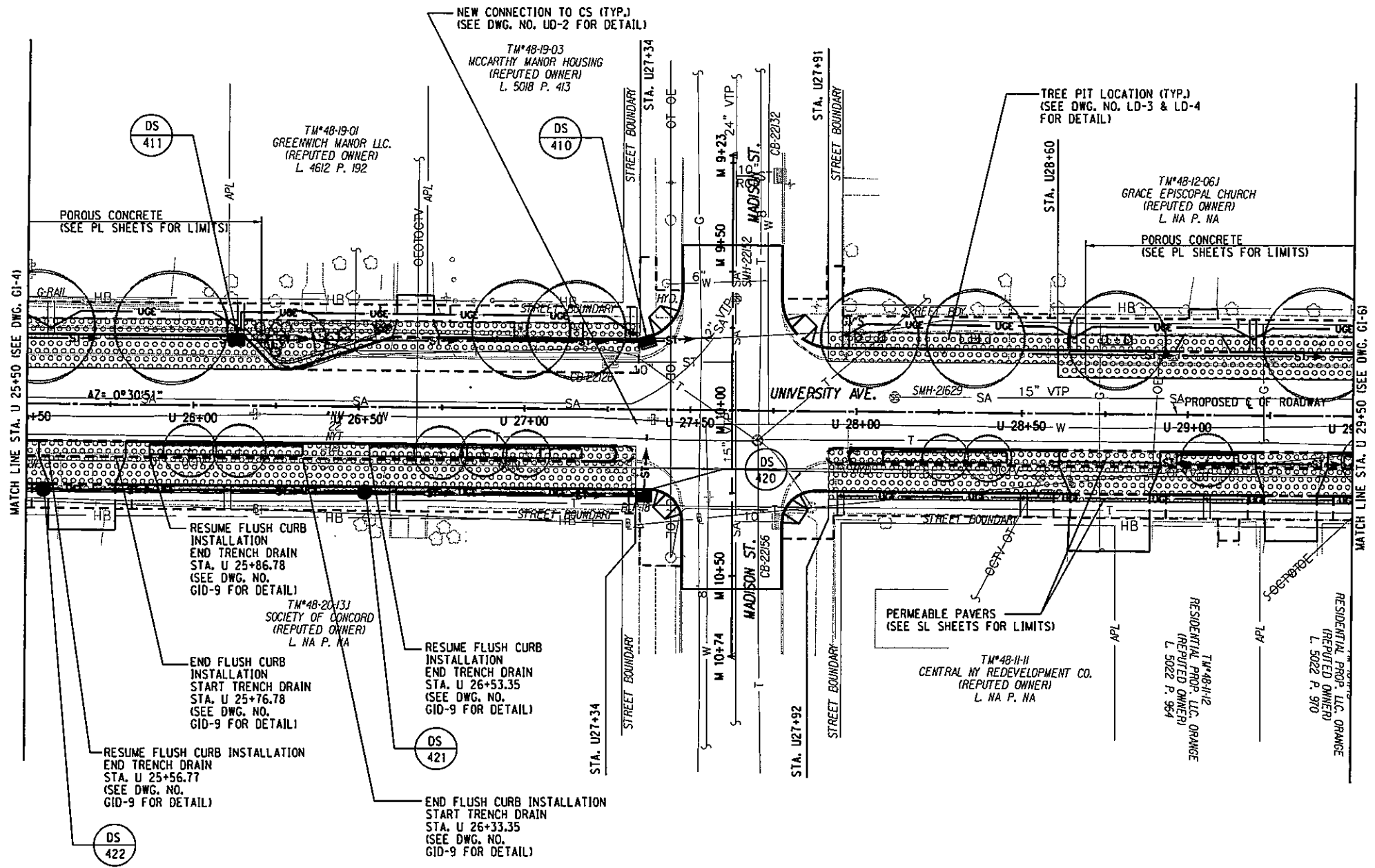
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 SECTION 7209

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

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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

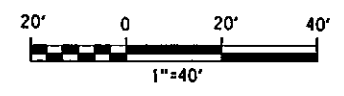


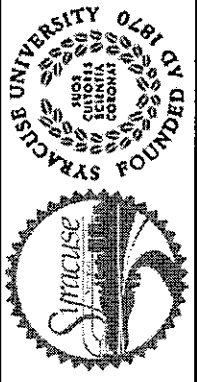
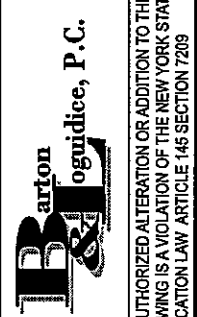
**LEGEND:**

-  LIMITS OF SUB SURFACE STORAGE MATERIAL
-  NEW DRAINAGE STRUCTURE

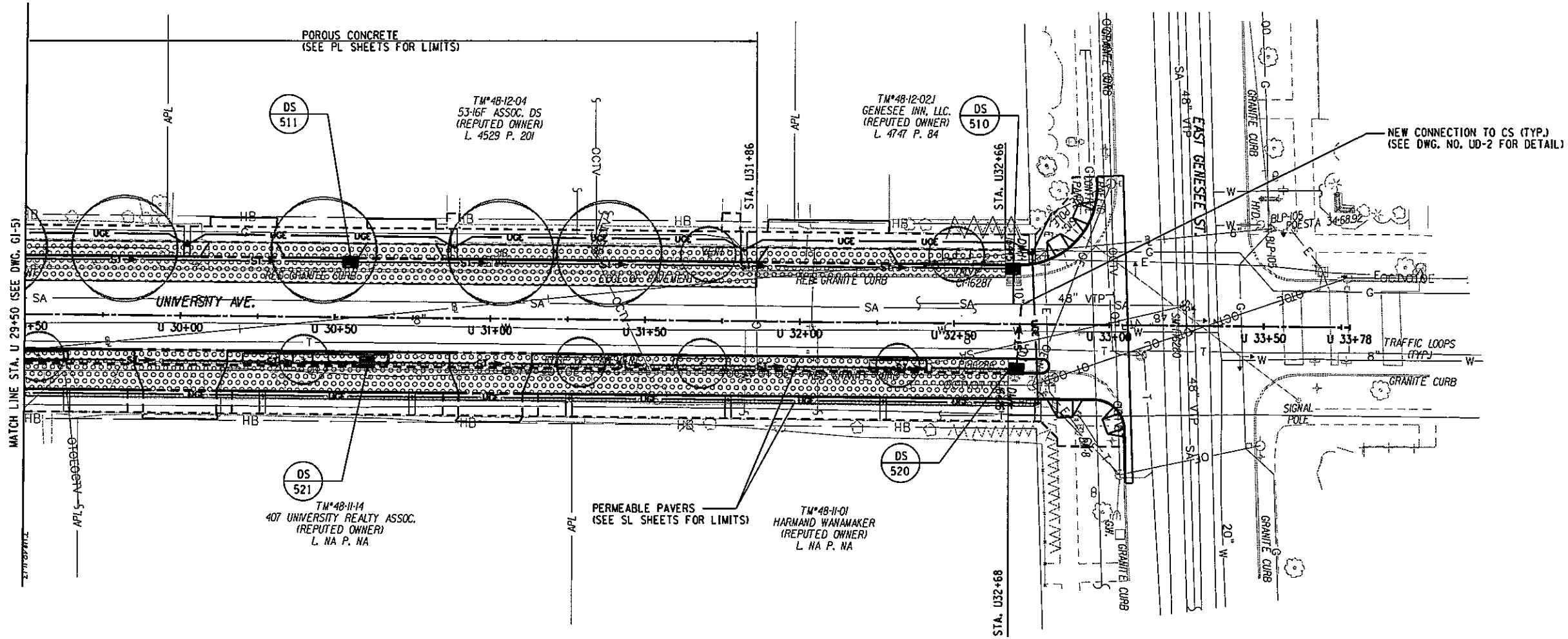
**NOTES:**

1. REFER TO DWG. NOS. DT-1 THRU DT-4 FOR DRAINAGE TABLES.
2. REFER TO DWG. NOS. DP-1 THRU DP-9 FOR DRAINAGE PROFILES FOR DEPTH OF PIPE AND SUB SURFACE STORAGE MATERIAL.
3. REFER TO DWG. NOS. PP-1 THRU PP-6 FOR SUSPENDED PAVEMENT SOIL SYSTEM APPLICATIONS.
4. REFER TO TYPICAL SECTIONS TS-1 THRU TS-2 FOR WIDTH OF SUB SURFACE STORAGE MATERIAL.



							
							
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209</small>							
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE		ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1		CONTRACT 1		CONTRACT 1		CONTRACT 1	
<b>GREEN INFRASTRUCTURE PLAN</b> STA. U 25+50 TO STA. U 29+50							
SCALE: 1"=40'							
DATE ISSUED: 4/2011							
DRAWING							
GI-5							

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

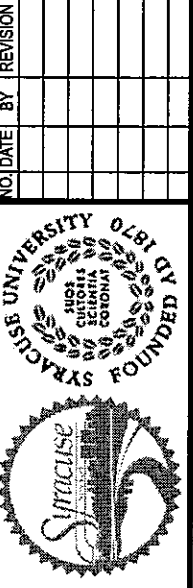
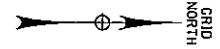
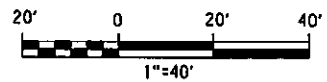


**LEGEND:**

- LIMITS OF SUB SURFACE STORAGE MATERIAL
- NEW DRAINAGE STRUCTURE

**NOTES:**

1. REFER TO DWG. NOS. DT-1 THRU DT-4 FOR DRAINAGE TABLES.
2. REFER TO DWG. NOS. DP-1 THRU DP-9 FOR DRAINAGE PROFILES FOR DEPTH OF PIPE AND SUB SURFACE STORAGE MATERIAL
3. REFER TO DWG. NOS. PP-1 THRU PP-6 FOR SUSPENDED PAVEMENT SOIL SYSTEM APPLICATIONS.
4. REFER TO TYPICAL SECTIONS TS-1 THRU TS-2 FOR WIDTH OF SUB SURFACE STORAGE MATERIAL.



**Barton & Loguidice, P.C.**  
 UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

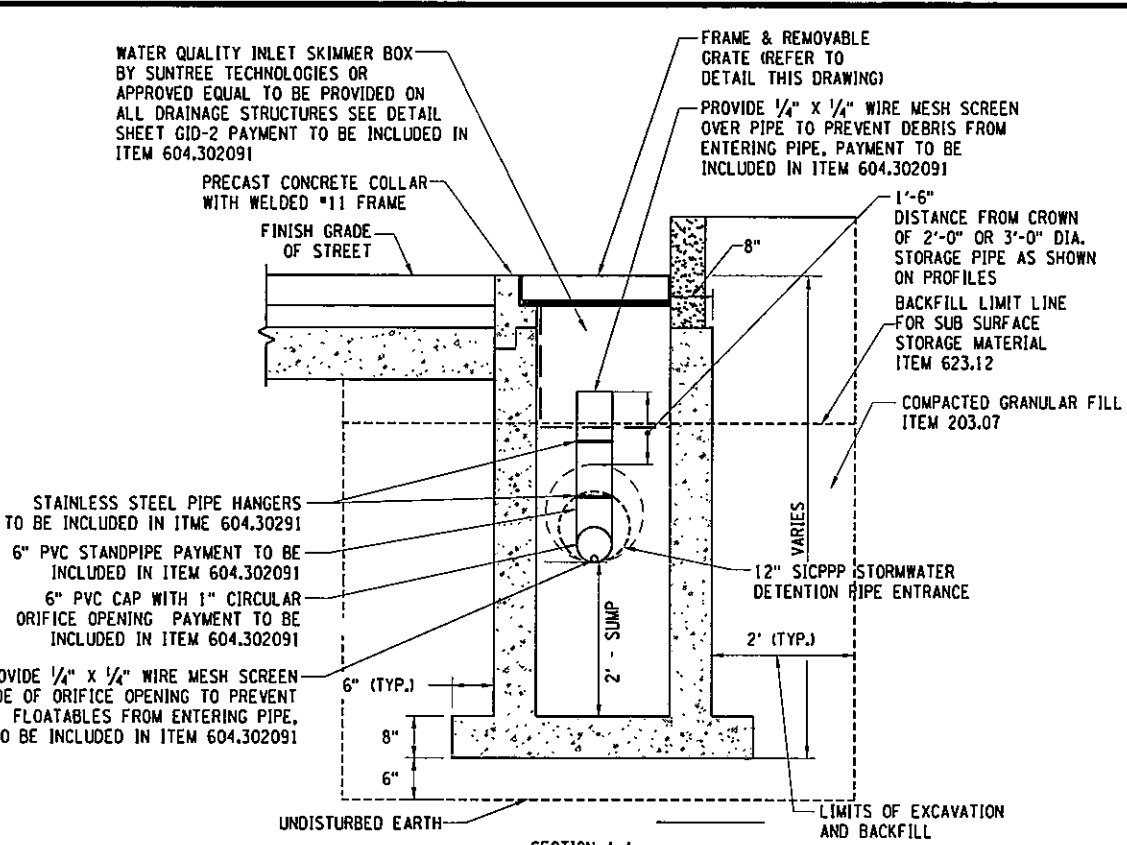
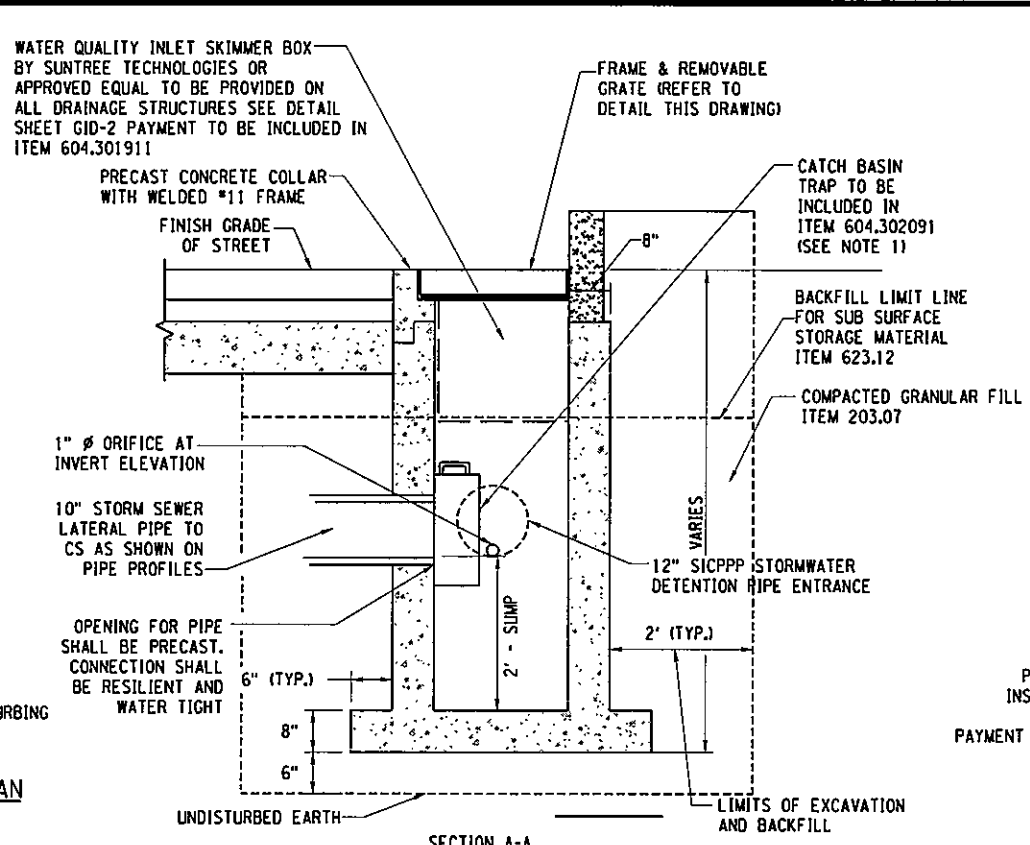
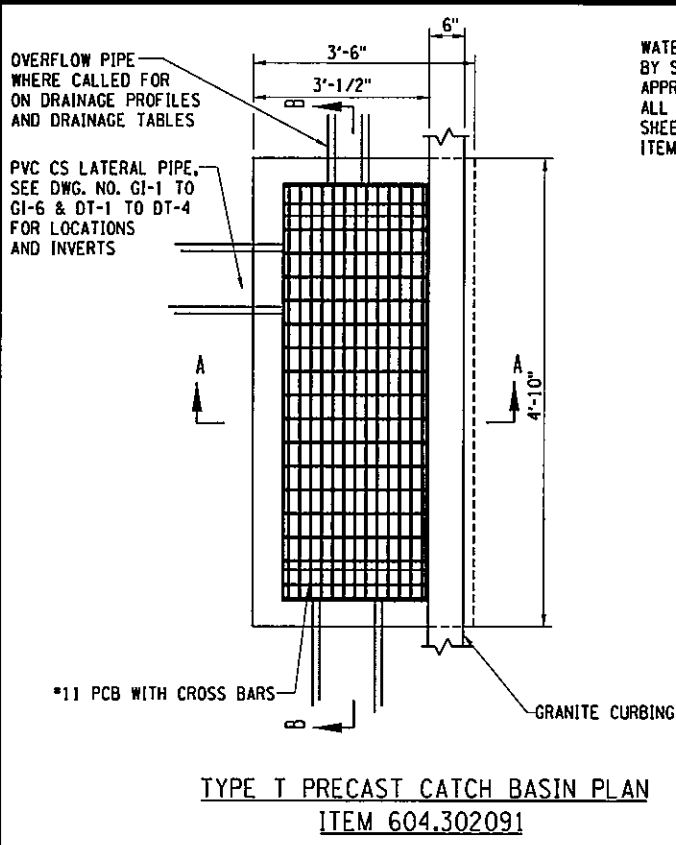
EAST GENESSEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

GREEN INFRASTRUCTURE PLAN  
 STA. U 29+50 TO STA. U 33+66  
 SCALE: 1"=40'  
 DATE ISSUED: 4/2011  
 DRAWING GI-6

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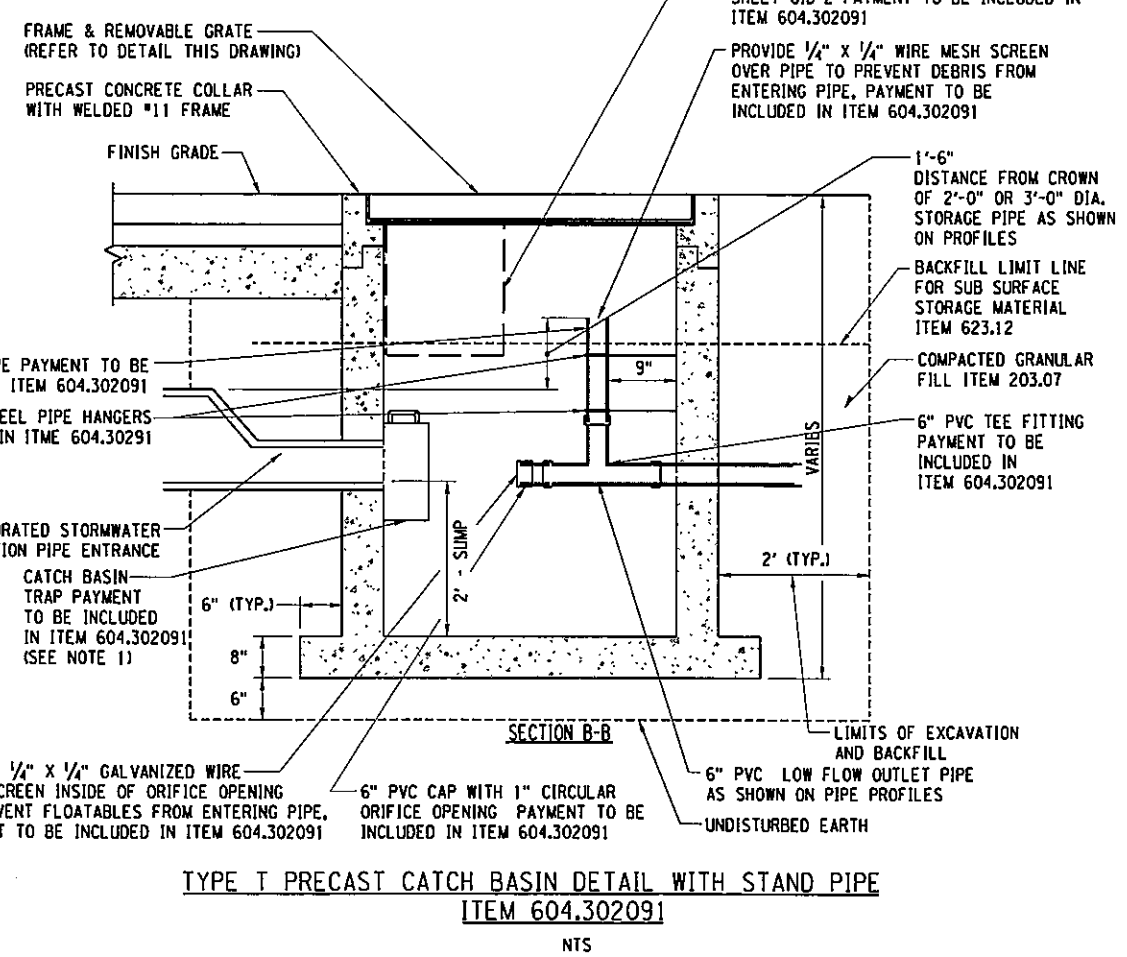
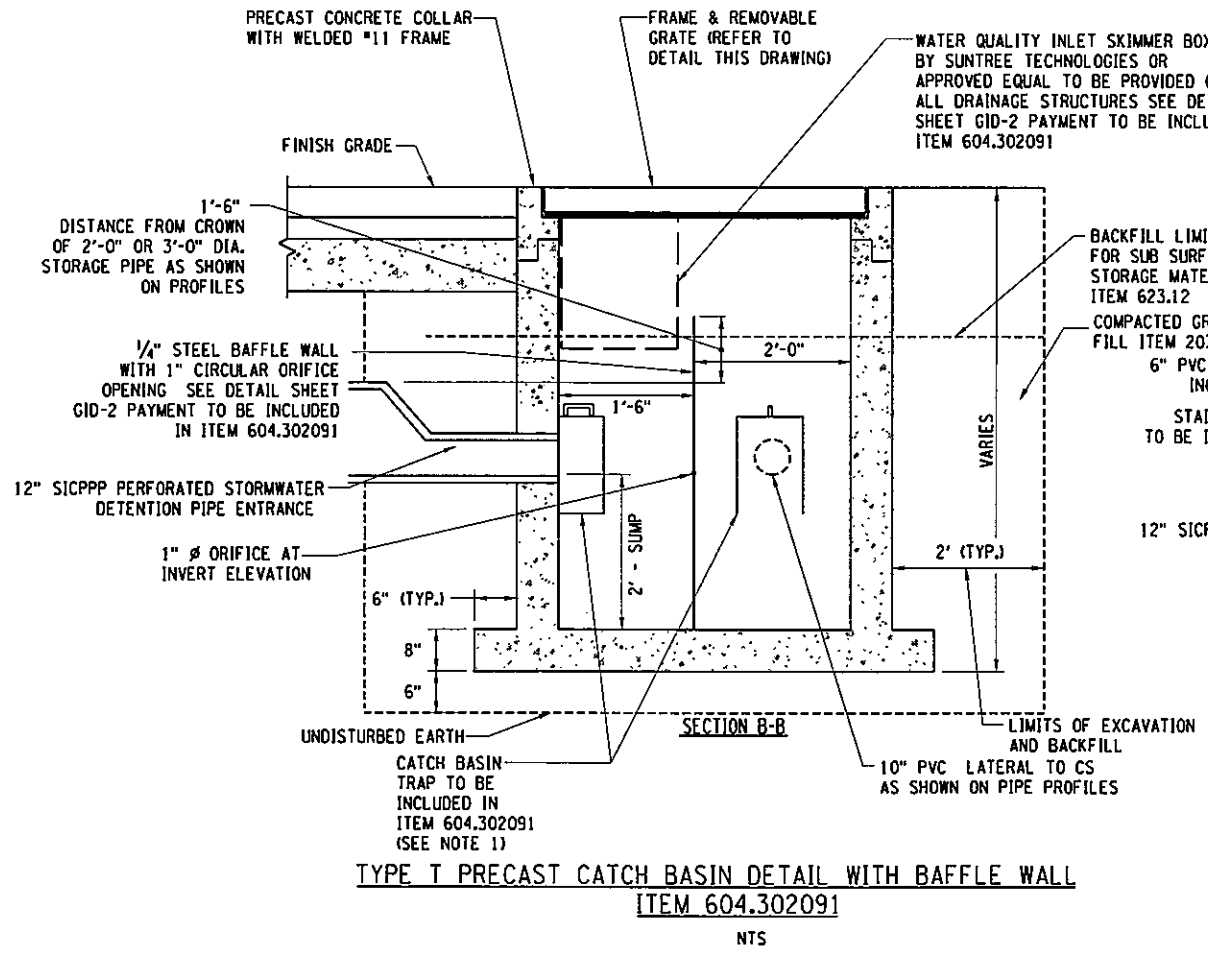
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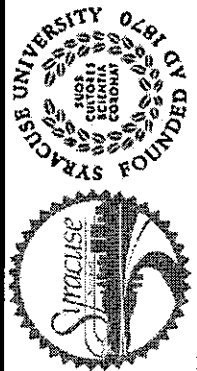
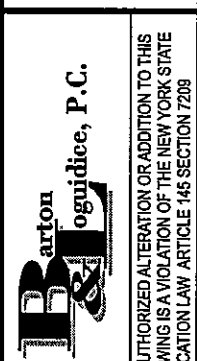


**NOTES:**

- CATCH BASIN TRAPS SHALL BE MODEL #2562 AS MANUFACTURED BY SYRACUSE CASTINGS SALES CORP., OR EQUAL. TRAP SHALL BE MOUNTED WITH MATERIALS PROVIDED BY MANUFACTURER AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. TRAPS TO BE PROVIDED ON ALL DIRECT CONNECTIONS TO CS AND ALL STORMWATER DETENTION PIPE CONNECTION LOCATIONS.

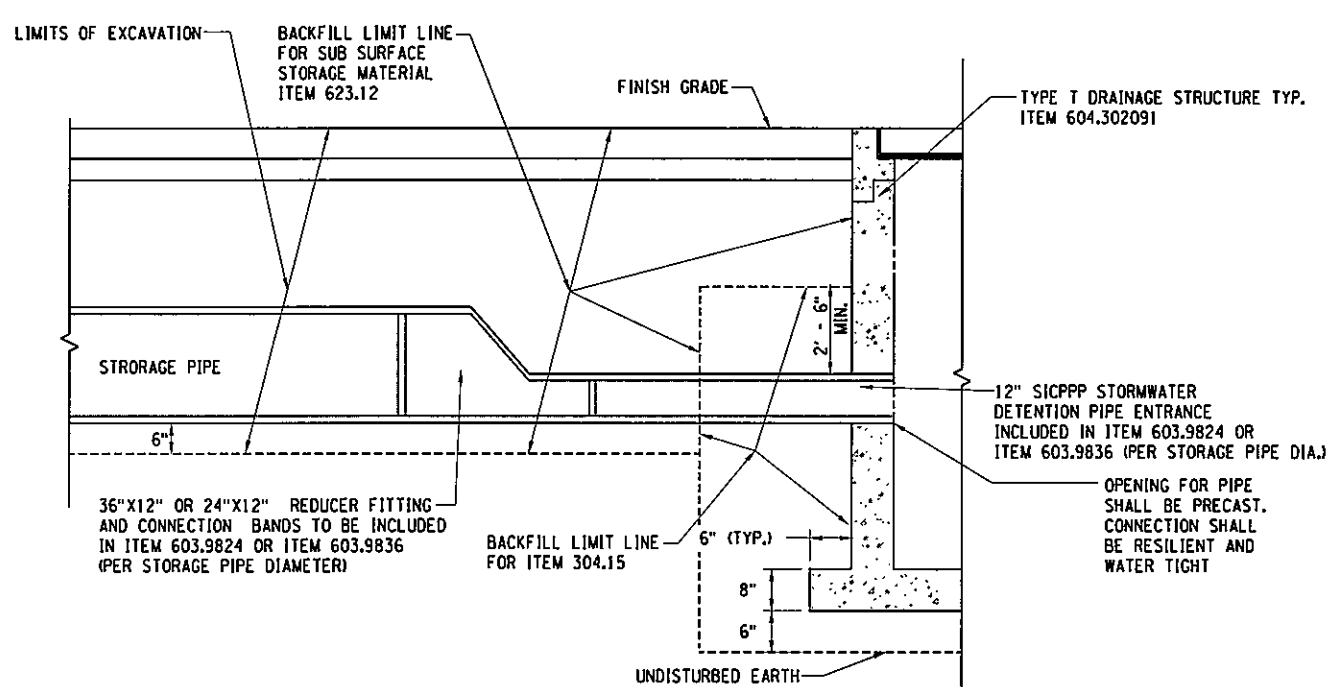


PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

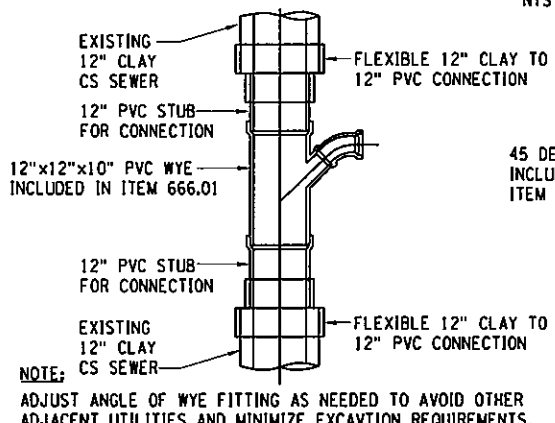
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NO. DATE	REVISION
	
	
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209</small>	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
	ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
GREEN INFRASTRUCTURE DETAILS	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING GID-1	

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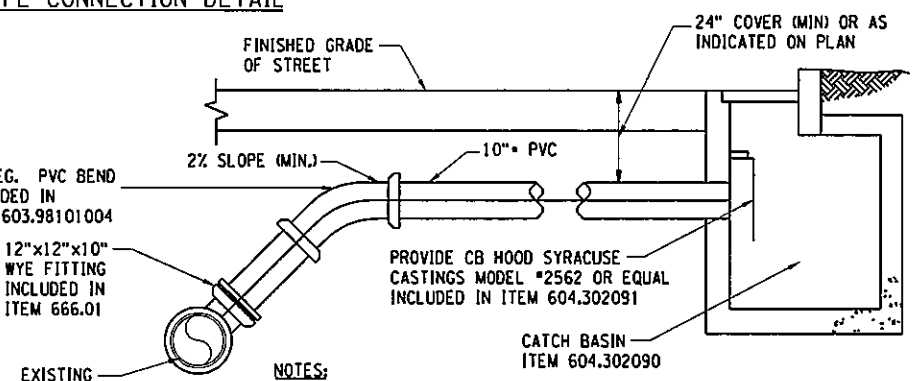
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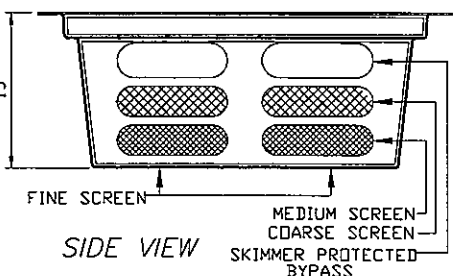
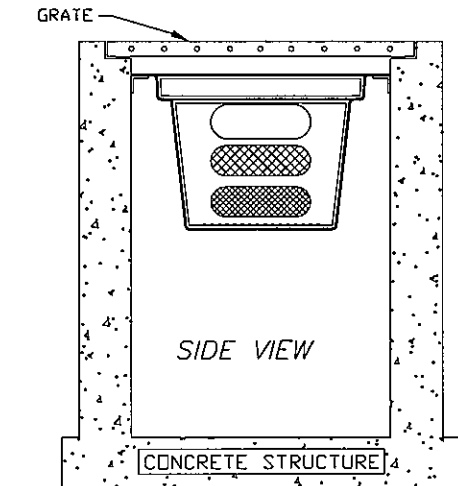
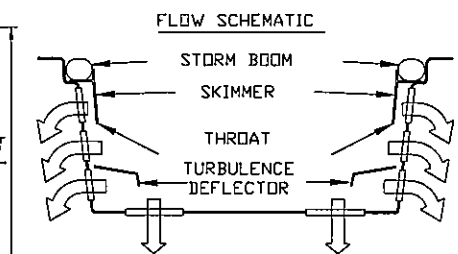
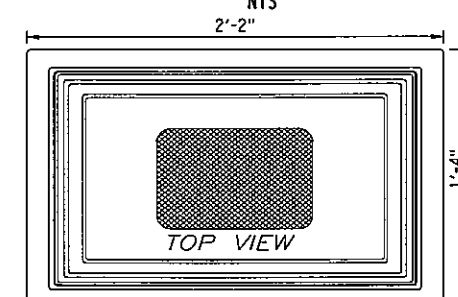
STORMWATER DETENTION PIPE CONNECTION DETAIL NTS



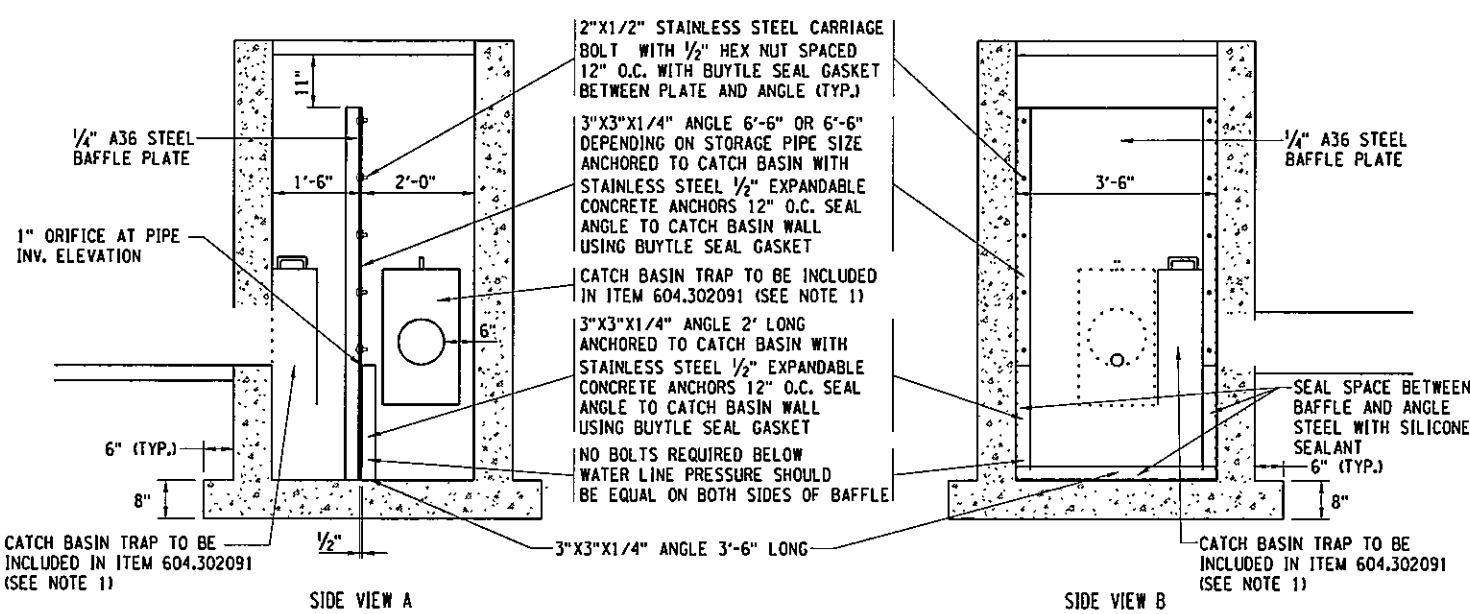
CS SEWER CONNECTION WYE FITTING PLAN VIEW NTS



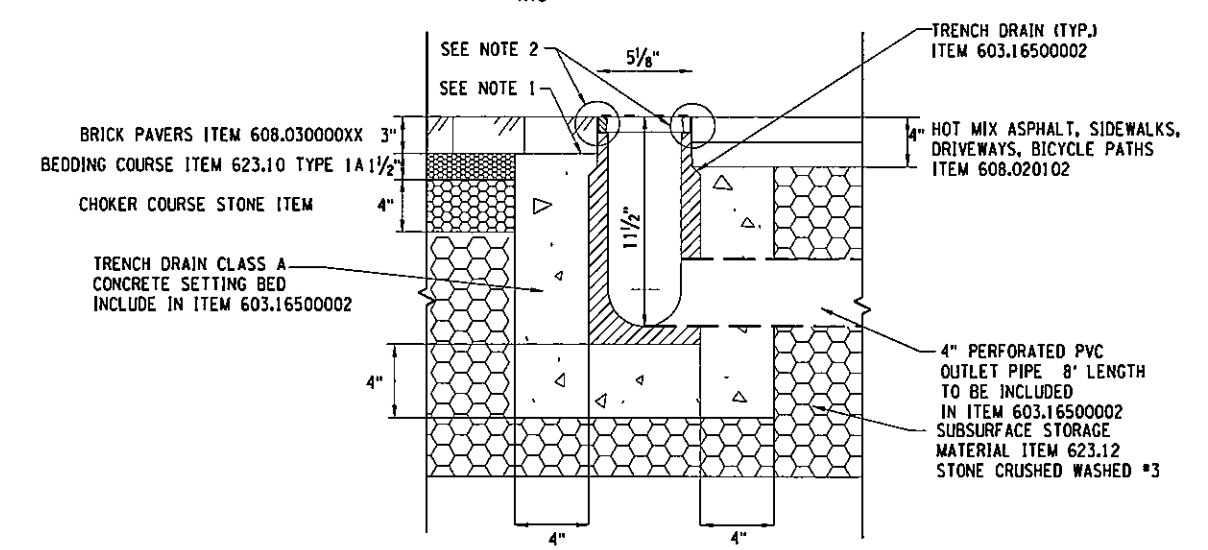
TYPICAL CATCH BASIN CSO SEWER CONNECTION DETAIL NTS



WATER QUALITY INLET SKIMMER BOX DETAIL NTS



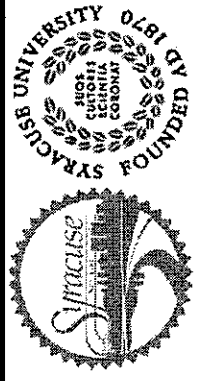

CATCH BASIN BAFFLE WALL DETAIL NTS



TRENCH DRAIN DETAIL - ITEM 603.16500002 NTS

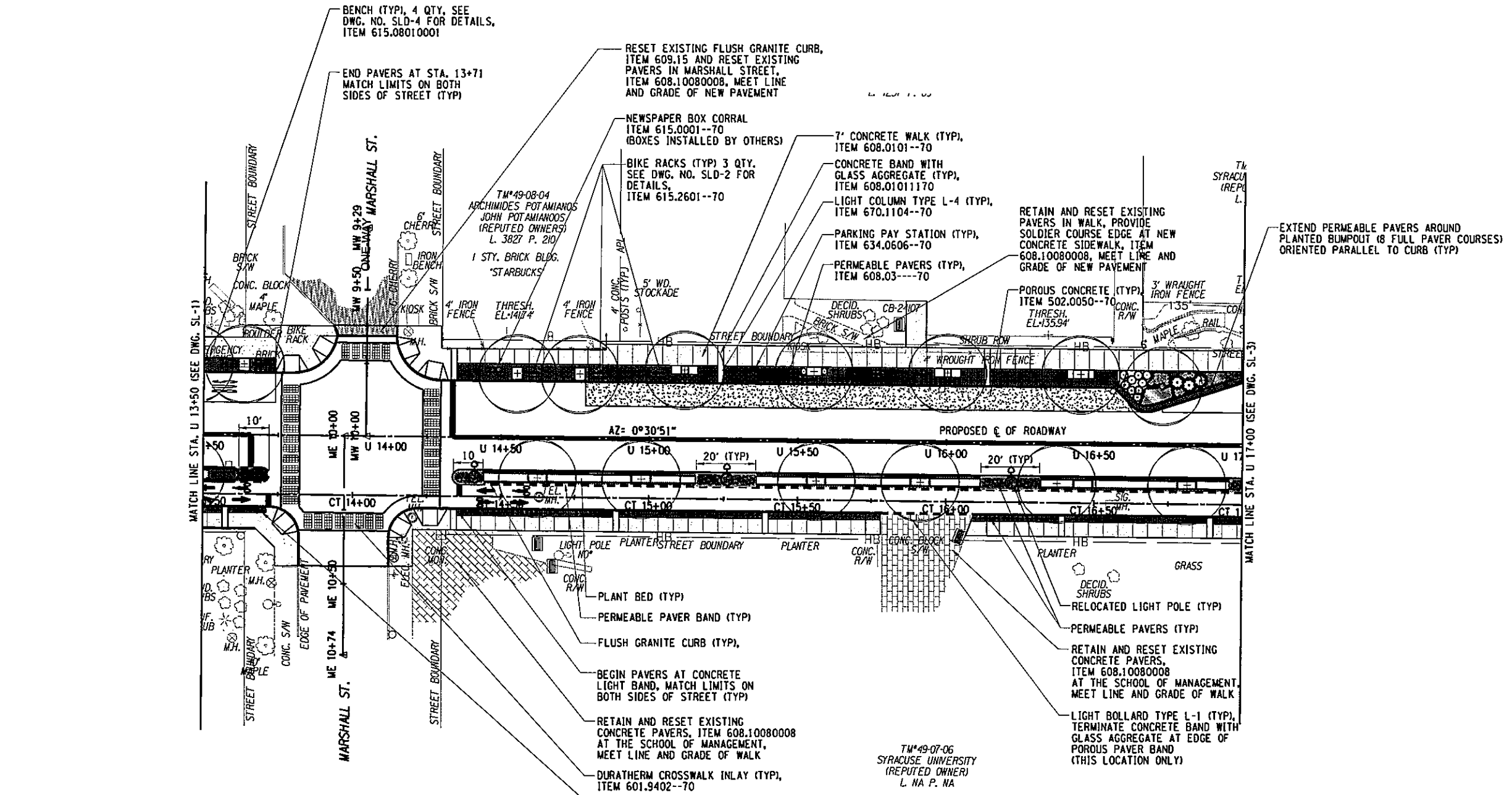
STORMWATER STORAGE PIPE INSTALLATION NOTES:

1. SUBGRADE PREPARATION: EXISTING SUBGRADE UNDER DETENTION LAYER AREAS SHALL BE SHAPED TO DRAIN PER PLAN LINES, GRADES AND SPECIFICATIONS. COMPACTION OF THE EXISTING SUBGRADE SHOULD BE KEPT TO A MINIMUM TO AVOID REDUCTION IN THE PERMEABILITY OF THE SOIL.
2. DETENTION LAYER INSTALLATION: UPON COMPLETION OF THE SUBGRADE WORK, THE ARCHITECT/ENGINEER SHALL BE NOTIFIED AND SHALL INSPECT AT HIS DISCRETION BEFORE PROCEEDING WITH THE DETENTION LAYER INSTALLATION.
3. FILTER, WITH PIPE OR OTHER STORAGE DEVICES, AND DETENTION LAYER AGGREGATE SHALL BE PLACED IMMEDIATELY AFTER APPROVAL OF SUBGRADE PREPARATION. ANY ACCUMULATION OF DEBRIS OR SEDIMENT WHICH HAS TAKEN PLACE AFTER APPROVAL OF SUBGRADE SHALL BE REMOVED PRIOR TO INSTALLATION OF THE FILTER FABRIC AT THE CONTRACTOR'S EXPENSE.
4. PLACE FILTER FABRIC IN ACCORDANCE WITH THE MANUFACTURER'S STANDARDS AND RECOMMENDATIONS, INCLUDING MINIMUM 16\"/>

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 SYRACUSE UNIVERSITY FOUNDED 1828	
 Barton & Loguidice, P.C. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
ONONDAGA COUNTY	P.I.N. 3754.46
CONTRACT 1	
GREEN INFRASTRUCTURE DETAILS	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
GID-2	



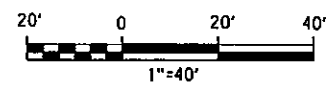




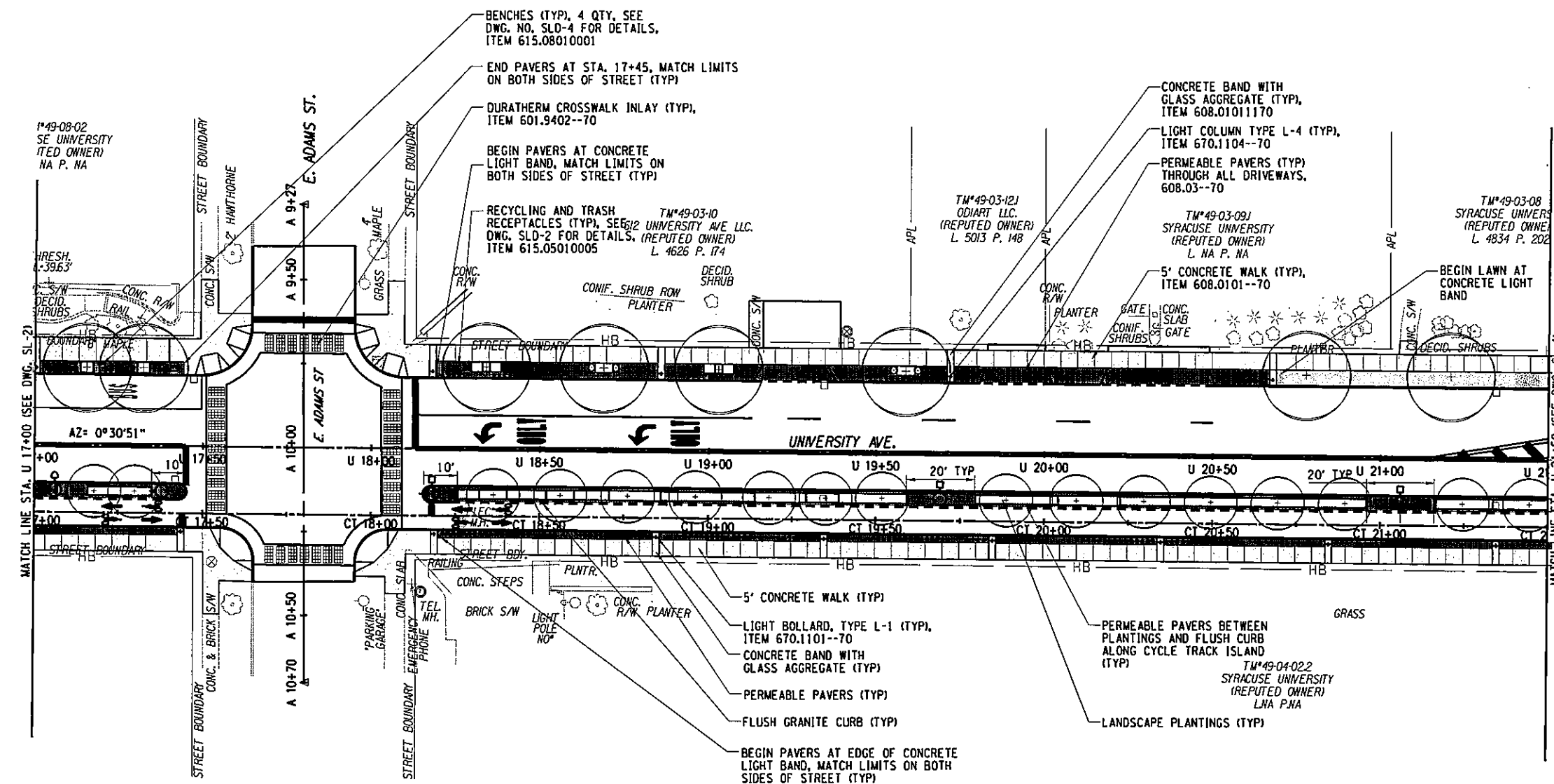
**LEGEND**

	RELOCATED STREETLIGHT/UTILITY POLE
	LIGHT COLUMN/BOLLARD
	TRASH/RECYCLING RECEPTACLE
	BICYCLE RACK
	BENCH
	PARKING METER
	PERMEABLE PAVERS
	DURATHERM CROSSWALK INLAY
	STREET TREE

- NOTES**
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITY LOCATIONS PRIOR TO INSTALLING STREETScape SITE FURNISHINGS
  - CONTRACTOR SHALL COORDINATE LOCATIONS OF CONCRETE WITH GLASS AGGREGATE BANDS WITH UTILITY AND LIGHTING CONTRACTOR. ALL BANDS SHALL BE 2' WIDE AND CENTERED ON LIGHT COLUMNS AND BOLLARDS. REFER TO DWG. SERIES UT AND UD FOR UTILITY PLANS AND DETAILS
  - PAVER PATTERN LAYOUT AND DETAILS. PAVER AREA MOCK UPS ARE REQUIRED PRIOR TO INSTALLING ADJACENT CONCRETE WALK PAVEMENT TO CONFIRM ACTUAL WIDTH OF PAVER AREAS. SEE DETAILS FOR ADDITIONAL NOTES AND INSTRUCTIONS.
  - REFER TO DWG. SERIES PP FOR PLANTING PLANS AND LD FOR LANDSCAPE DETAILS
  - REFER TO DWG. SERIES SLD FOR STREETScape PAVEMENT AND FURNISHING DETAILS
  - PAVER AREAS AT RELOCATED STREETLIGHT AND UTILITY POLES SHALL CONSIST OF A 20' LENGTH, CENTERED ON POLE LOCATIONS UNLESS INDICATED OTHERWISE



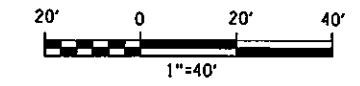
NO. DATE	BY	REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46		
STREETScape LAYOUT STA. U 13+50 TO STA. U 17+00 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING SL-2		



**LEGEND**

	RELOCATED STREETLIGHT/UTILITY POLE
	LIGHT COLUMN/BOLLARD
	TRASH/RECYCLING RECEPTACLE
	BENCH
	BICYCLE RACK
	PARKING METER
	PERMEABLE PAVERS
	DURATHERM CROSSWALK INLAY
	STREET TREE
	LAWN

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  - REFER TO DWG. SERIES PP FOR PLANTING PLANS AND LD FOR LANDSCAPE DETAILS
  - REFER TO DWG. SERIES SLD FOR STREETScape PAVEMENT AND FURNISHING DETAILS
  - PAVER AREAS AT RELOCATED STREETLIGHT AND UTILITY POLES SHALL CONSIST OF A 20' LENGTH, CENTERED ON POLE LOCATIONS UNLESS INDICATED OTHERWISE



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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
	ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
STREETScape LAYOUT STA. U 17+00 TO STA. U 21+50	
SCALE: 1"=40'	
DATE ISSUED: 4/2011	
DRAWING	
SL-3	

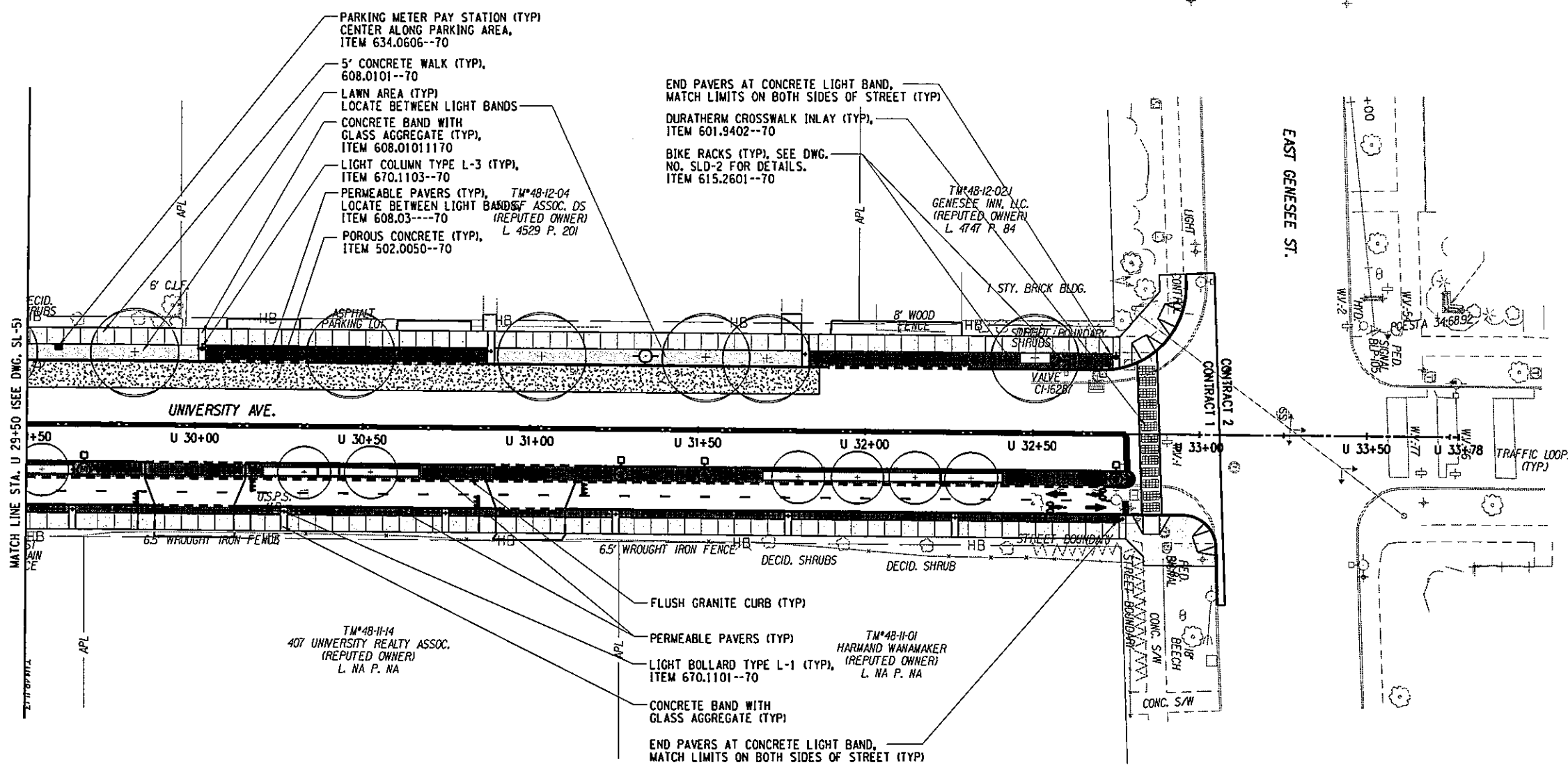




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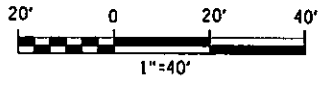
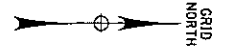


**LEGEND**

	RELOCATED STREETLIGHT/UTILITY POLE
	LIGHT COLUMN/BOLLARD
	TRASH/RECYCLING RECEPTACLE
	BENCH
	BICYCLE RACK
	PARKING METER
	PERMEABLE PAVERS
	DURATHERM CROSSWALK INLAY
	STREET TREE
	LAWN

- NOTES**
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  2. CONTRACTOR SHALL COORDINATE LOCATIONS OF CONCRETE WITH GLASS AGGREGATE BANDS WITH UTILITY AND LIGHTING CONTRACTOR. ALL BANDS SHALL BE 2' WIDE AND CENTERED ON LIGHT COLUMNS AND BOLLARDS. REFER TO DWG. SERIES UT AND UD FOR UTILITY PLANS AND DETAILS
  3. PAVER PATTERN LAYOUT AND DETAILS. PAVER AREA MOCK UPS ARE REQUIRED PRIOR TO INSTALLING ADJACENT CONCRETE WALK PAVEMENT TO CONFIRM ACTUAL WIDTH OF PAVER AREAS. SEE DETAILS FOR ADDITIONAL NOTES AND INSTRUCTIONS.
  4. REFER TO DWG. SERIES PP FOR PLANTING PLANS AND LD FOR LANDSCAPE DETAILS
  5. REFER TO DWG. SERIES SLD FOR STREETScape PAVEMENT AND FURNISHING DETAILS
  6. PAVER AREAS AT RELOCATED STREETLIGHT AND UTILITY POLES SHALL CONSIST OF A 20' LENGTH, CENTERED ON POLE LOCATIONS UNLESS INDICATED OTHERWISE

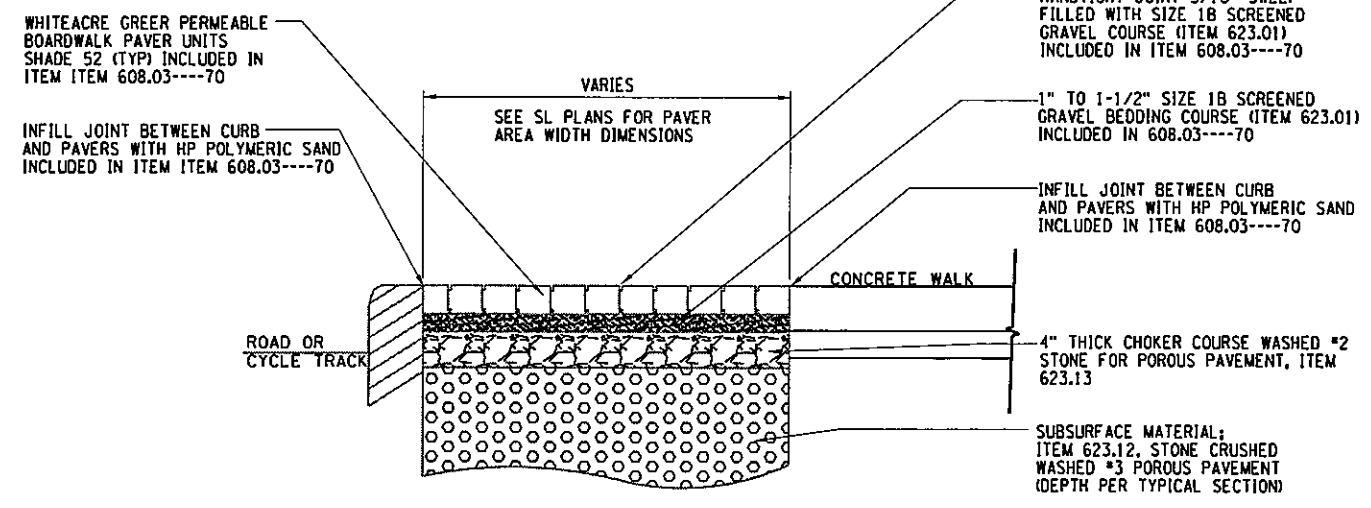
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



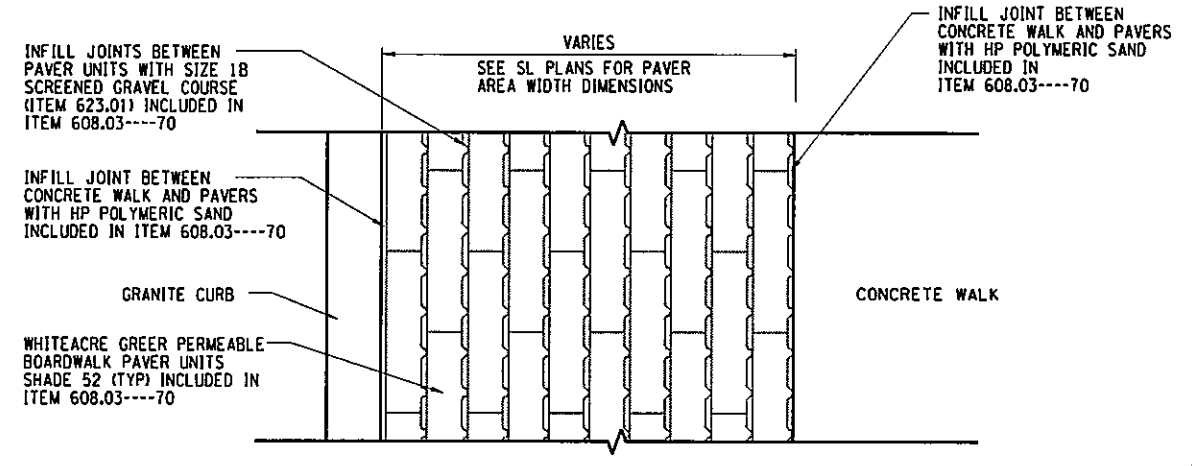
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EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
STREETScape LAYOUT STA. U 29+50 TO STA. U 33+06 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING SL-6			

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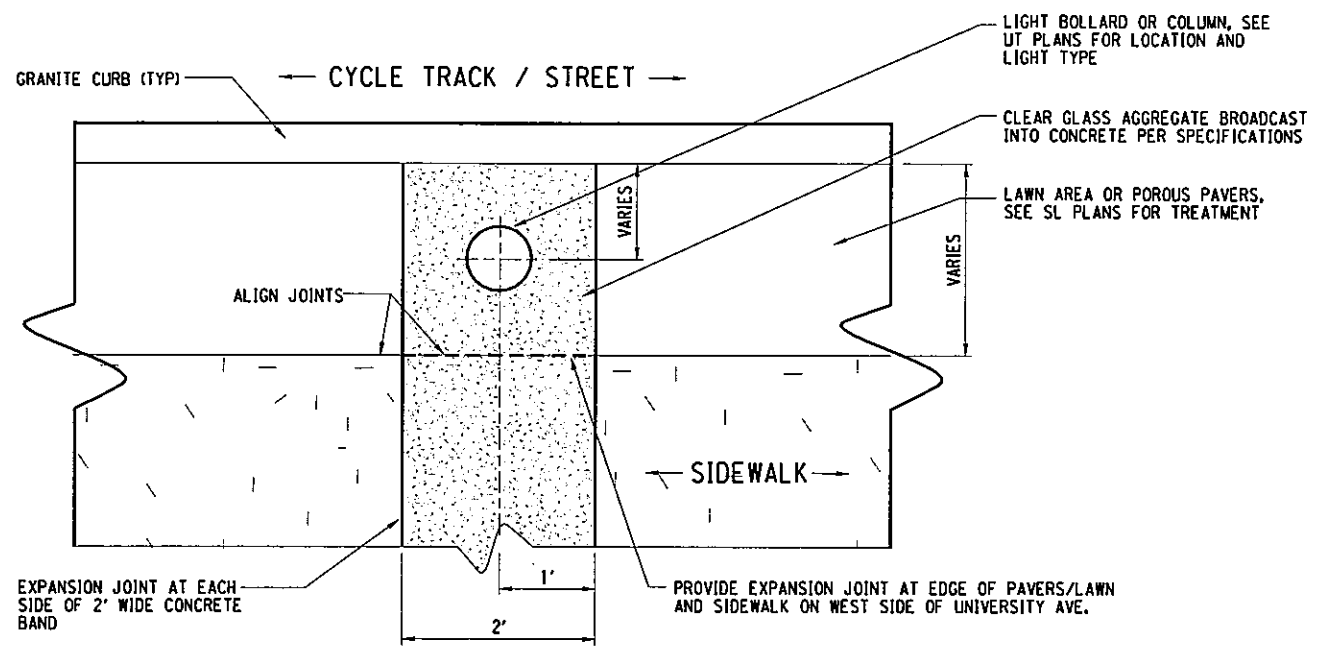
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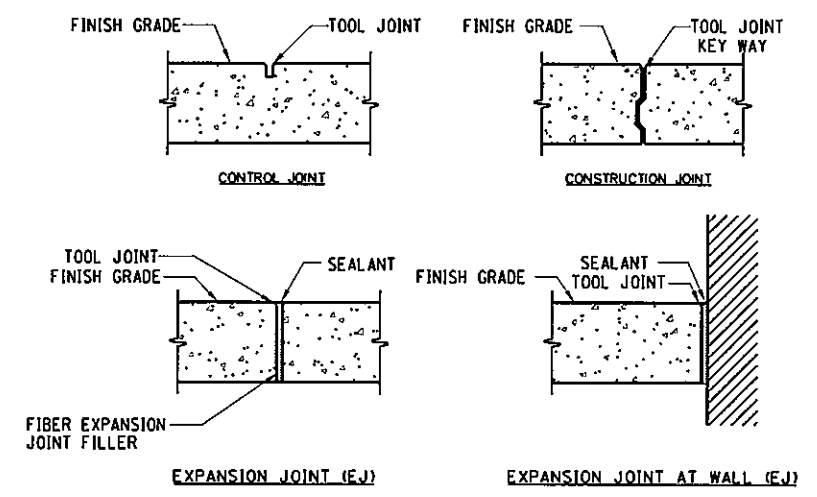
**PERMEABLE PAVERS - SECTION**  
 ITEM 608.03----70  
 NTS



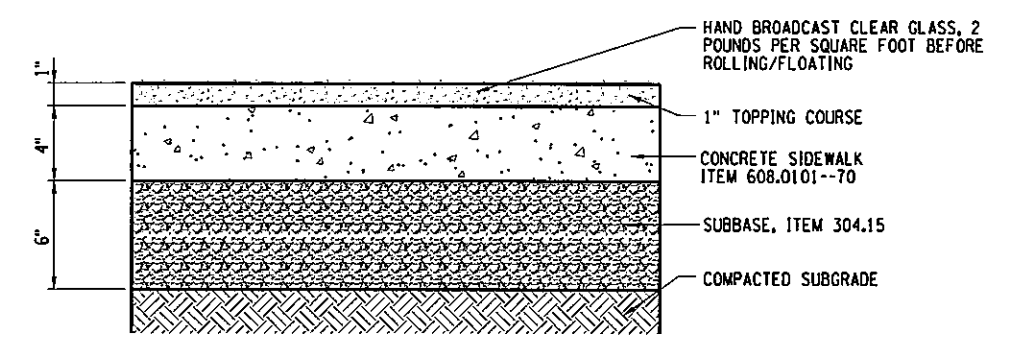
**PERMEABLE PAVERS - PLAN**  
 ITEM 608.03----70  
 NTS



**CONCRETE WITH GLASS AGGREGATE**  
 ITEM 608.0101170  
 NTS



**CONCRETE SIDEWALK JOINT DETAILS**  
 NTS



**CONCRETE SIDEWALK WITH GLASS OVERLAY**  
 ITEM 608.0101170  
 NTS

- PAVERS SHALL BE WHITACRE GREER CLAY PERMEABLE BOARDWALK PAVERS SHADE 52 AS SHOWN ON SLD-1 OR APPROVED EQUAL.
- UNSTABLE OR UNCONSOLIDATED MATERIAL SHALL BE REMOVED AND DISPOSED OF, AS DIRECTED BY THE LANDSCAPE ARCHITECT VIA THE RESIDENT ENGINEER.
- INSTALL PAVERS PER THE MANUFACTURER'S RECOMMENDATIONS WITH BUTT-TIGHT JOINTS.
- CONTRACTOR SHALL PROVIDE SAMPLE MOCK-UP A 75 SQUARE FOOT AREA IN FIELD FOR APPROVAL BY LANDSCAPE ARCHITECT VIA THE RESIDENT ENGINEER.
- INSTALLER SHALL HAVE MINIMUM TWO YEARS EXPERIENCE IN PLACING PAVERS.
- WHERE REQUIRED, CUT PAVERS WITH AN APPROVED CUTTER TO FIT SECURELY, NEATLY, AND WITHOUT DAMAGED EDGES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLAN THE WORK SO THAT THE PAVERS FIT NEATLY IN THE SPACE BETWEEN THE EDGING, BUILDING AND OTHER EDGE MATERIALS. SLIVERS AND SMALL PIECES OF PAVERS ARE TO BE AVOIDED. THE CUTTING OF PAVERS TO FIT SHALL BE INCLUDED IN THE PRICE BID FOR PAVER UNITS.
- PAVER LAYOUT SHALL BE IMPLEMENTED AS SHOWN. QUESTIONS REGARDING THE LAYOUT SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT VIA THE RESIDENT ENGINEER.
- PAVER EDGES THAT DO NOT HAVE A CONCRETE OR CURB AS A RESTRAINT EDGE, SHALL USE PERMALOC PERMEABLE PAVER EDGE RESTRAINT AS RECOMMENDED BY MANUFACTURER, OR APPROVED EQUAL, PAID FOR UNDER THE PAVER ITEM .
- CONTRACTOR TO COORDINATE PLACEMENT OF CONCRETE LIGHT BANDS WITH PAVER INSTALLATION.
- CONTRACTOR TO FIELD VERIFY LOCATION OF LIGHT BOLLARDS AND COLUMNS, AND 2' CONCRETE BANDS SHALL BE CENTERED ON LIGHT STANDARDS.
- THE LENGTH OF CONCRETE LIGHT BANDS SHALL BE INSTALLED TO EXTEND FROM GRANITE CURBS TO BACK EDGE OF SIDEWALKS, EXCEPT FOR STA. U15+70 EXISTING PAVER AREA AT THE WHITMAN SCHOOL OF MANAGEMENT ENTRANCE.

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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UNIVERSITY OF SYRACUSE  
 COLLEGE OF ARCHITECTURE  
 SYRACUSE, NY

Barton & Loguidice, P.C.  
 100 N. GENESEE STREET  
 SYRACUSE, NY 13202

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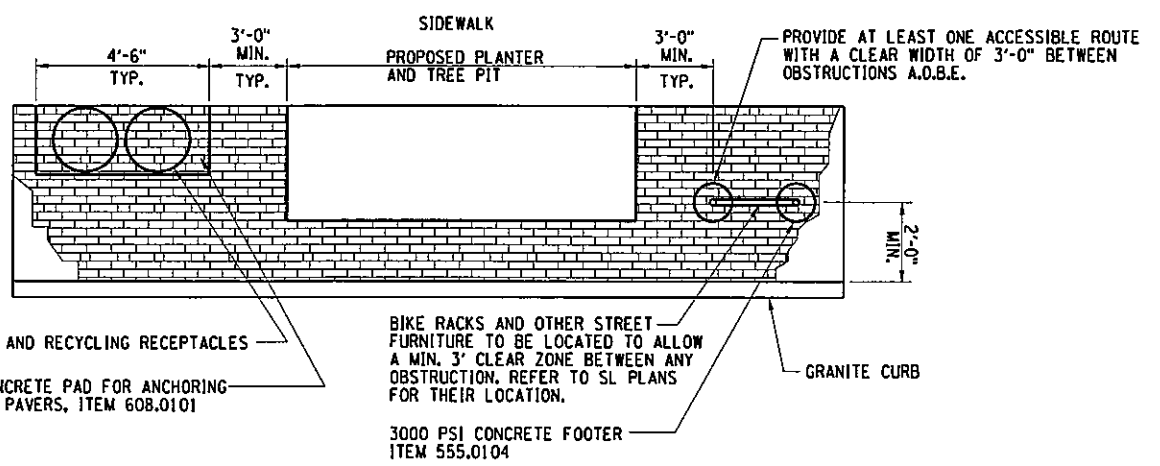
EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

STREETSCAPE DETAILS  
 SCALE: AS NOTED  
 DATE ISSUED: 4/2011  
 DRAWING SLD-1

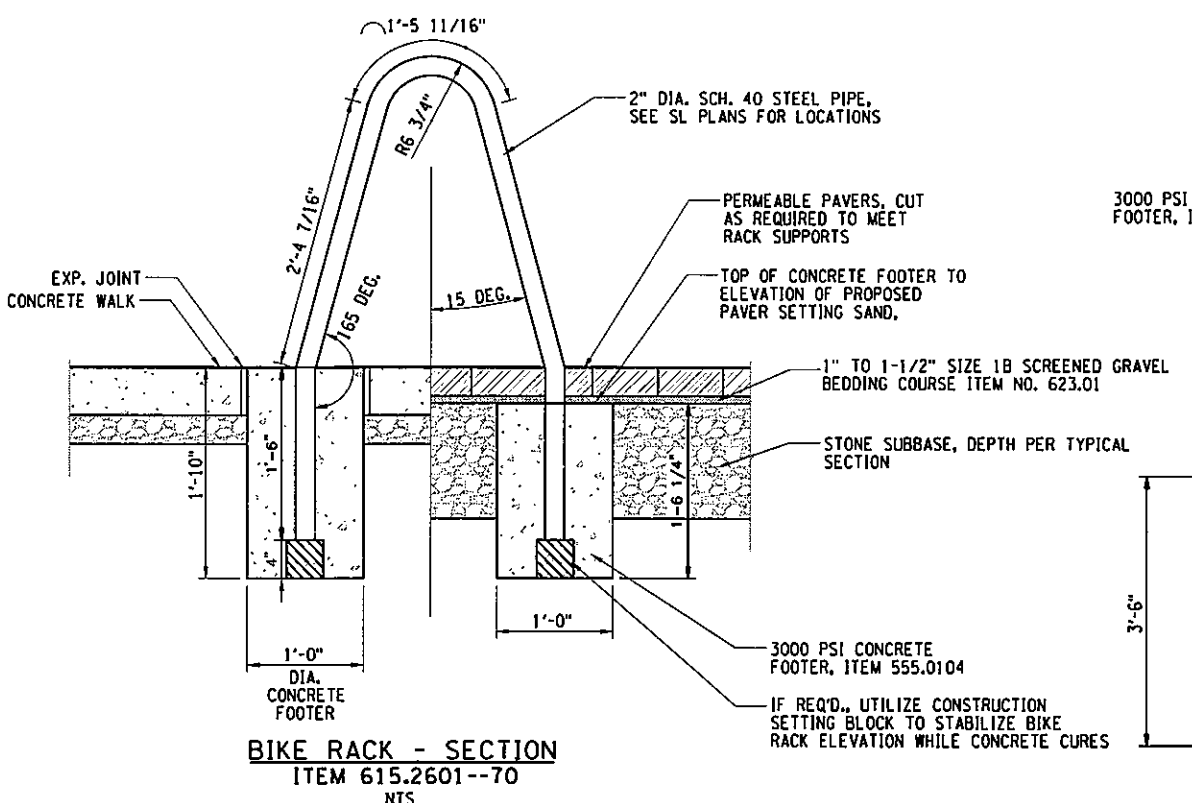
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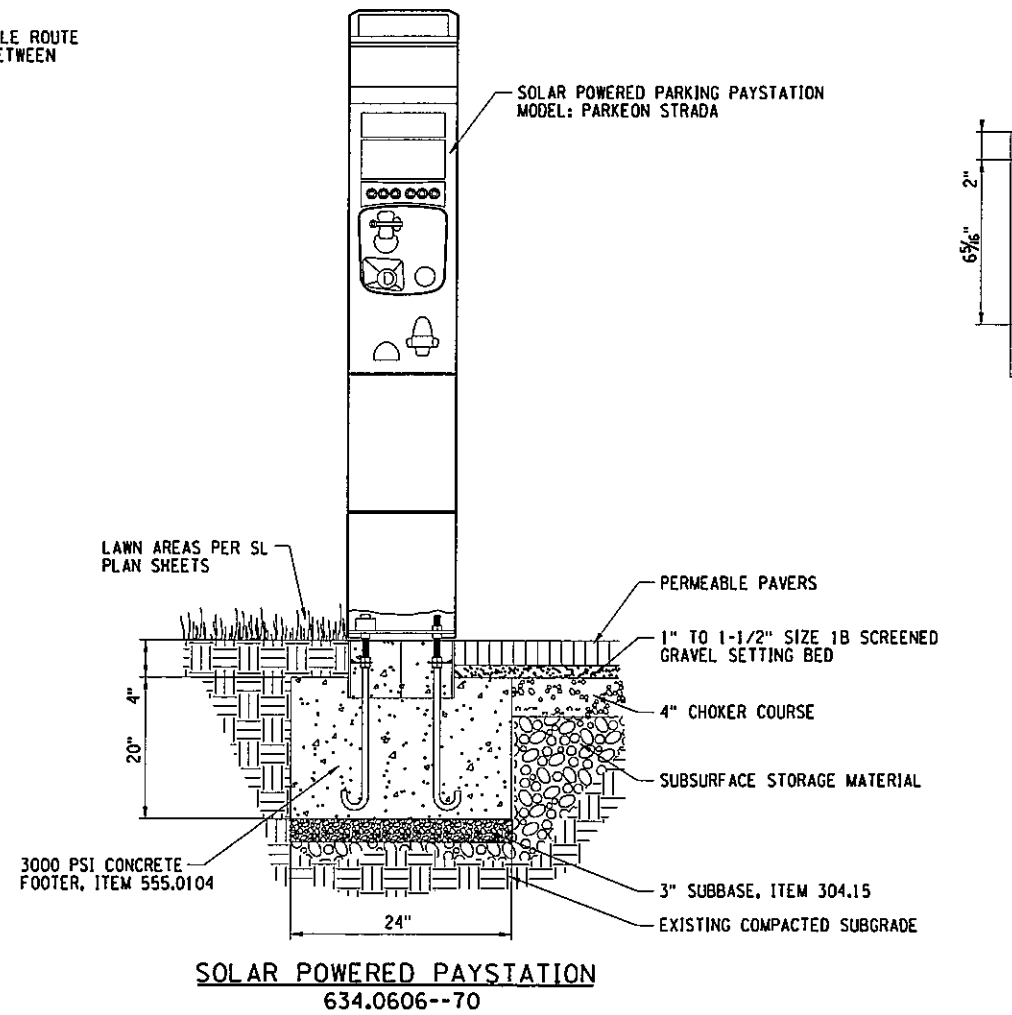
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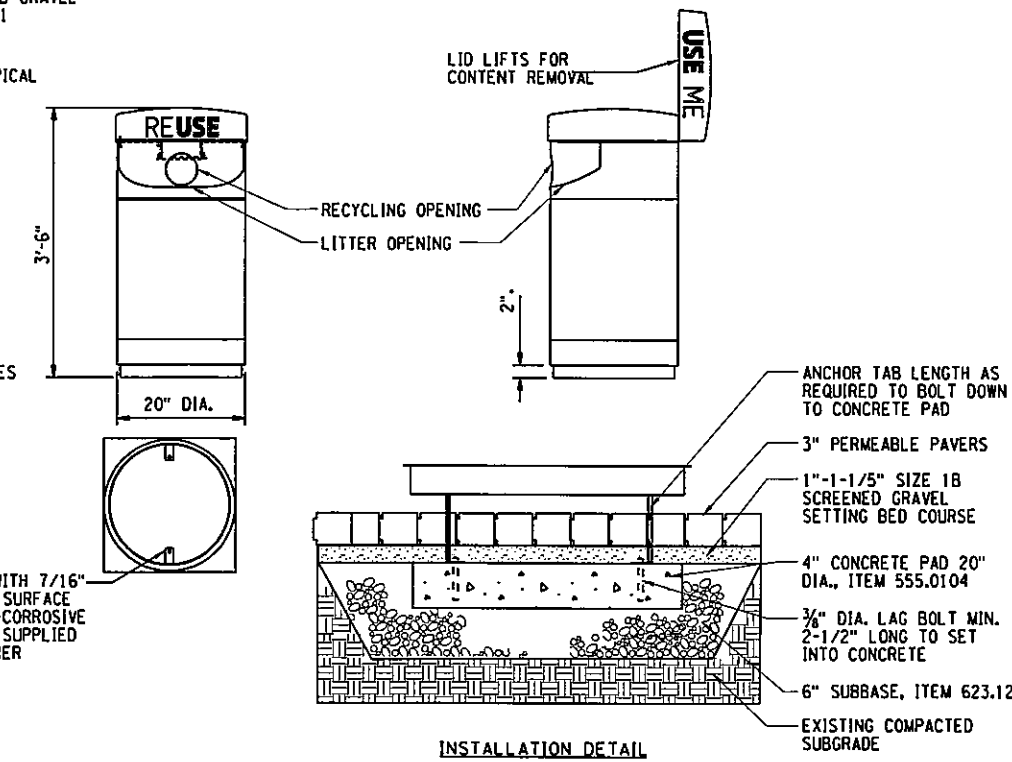
**TYPICAL STREETSCAPE FURNISHING LAYOUT**



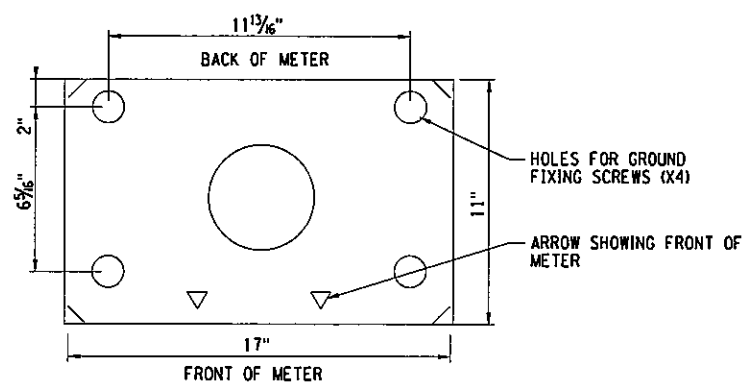
- BIKE RACK NOTES:**
1. BICYCLE RACK SHALL BE MANUFACTURED BY THE FOLLOWING OR AN APPROVED EQUAL:  
LANDSCAPE FORMS, MODEL: BOLA
  2. POWDER COATING COLOR: SYRACUSE RED (PRIMARY)  
SYRACUSE RED COMPOSITE:  
PMS: 1795  
CMYK: 0/95/100/0  
RGB: 238/52/36  
BM: 2010-10
  3. CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
  4. EXPOSED NUTS, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL AND PAINTED TO MATCH PROPOSED COLOR.
  5. BIKE RACKS SHALL BE LOCATED ACCORDING TO DETAILS ON THIS SHEET AND ON AN AXIS IN LINE WITH EACH OTHER DOWN EACH BLOCK. BIKE RACKS SHALL NOT APPEAR STAGGERED TO ONE ANOTHER.
  6. ALL STEEL COMPONENTS SHALL BE RUST PROOFED PRIOR TO POWDER COATING.



**SOLAR POWERED PAYSTATION**  
634.0606--70



**LITTER AND RECYCLING RECEPTACLES**  
ITEM 615.05010005  
NTS



**PAYSTATION - TEMPLATE**

- PARKING PAYSTATION NOTES:**
1. PAYSTATION SHALL BE MANUFACTURED BY PARKEON MODEL: STRADA
  2. THE METER PLACEMENT SHALL BE NO LESS THAN 18" FROM THE CURB FACE TO THE BACK WALL OF THE METER. THE RECOMMENDED DISTANCE FROM THE CURB FACE TO THE BACK WALL OF THE METER IS 24" PER MANUFACTURER'S SPECIFICATIONS.
  3. THE CONTRACTOR SHALL USE A NON-SHRINK GROUT IN DRILL HOLES ON THE CONCRETE BASE TO BOND THE WEDGE ANCHOR TO THE CONCRETE.
  4. DRILL HOLE DIAMETER SHALL BE 5/8" X 7" TO ACCOMMODATE THE WEDGE ANCHOR SUPPLIED BY MANUFACTURER. DRILL HOLES TO A DEPTH OF NO LESS THAN 3" WITH A RECOMMENDED DEPTH OF 4" PER MANUFACTURER'S SPECIFICATIONS.
  5. ANCHOR 'J' BARS TO BE INCLUDED IN COST OF PARKING METER, ITEM 634.0606--70. CONTRACTOR TO PROTECT PROTRUDING 'J' BARS UNTIL INSTALLATION OF PAYSTATION.

- RECEPTACLE NOTES:**
1. RECEPTACLES SHALL BE MANUFACTURED BY THE FOLLOWING OR AN APPROVED EQUAL:  
LANDSCAPE FORMS, MODEL: PETOSKY
  2. POWDER COATING COLOR: SYRACUSE RED (PRIMARY)  
SYRACUSE RED COMPOSITE:  
PMS: 1795  
CMYK: 0/95/100/0  
RGB: 238/52/36  
BM: 2010-10
  3. CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
  4. EXPOSED NUTS, BOLTS, AND FASTENERS SHALL BE STAINLESS STEEL AND PAINTED TO MATCH PROPOSED COLOR.
  5. ALL STEEL COMPONENTS SHALL BE RUST PROOFED PRIOR TO POWDER COATING.

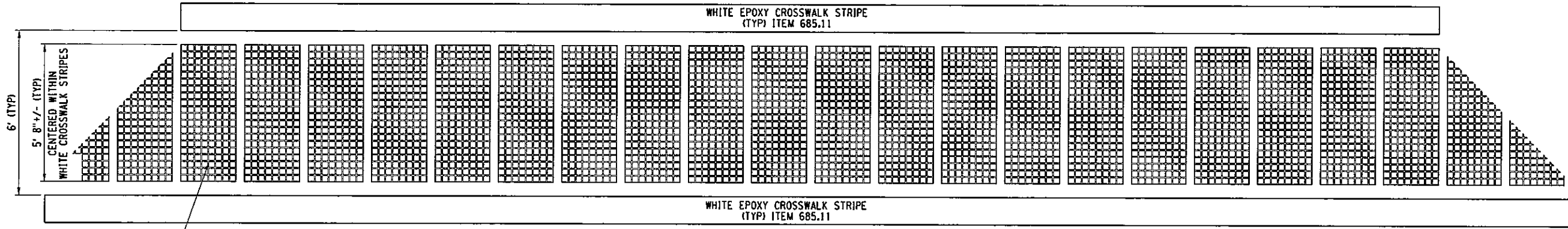
- BRANDING:**
1. TRASH RECEPTACLE LIDS SHALL BE BRANDED WITH TYPOGRAPHY AND MESSAGE AS SHOWN BELOW:  
**USE ME**
  2. RECYCLING RECEPTACLE LIDS SHALL BE BRANDED WITH TYPOGRAPHY AND MESSAGE AS SHOWN BELOW:  
**REUSE**
  3. "USE" FONT: OHM HEAVY  
"ME" AND "RE" PREFIX AND SUFFIX FONT: OHM LIGHT
  4. BRANDING SHALL FIT WITHIN HEIGHT AND PERIMETER OF LID AND BE APPLIED PER MANUFACTURER'S RECOMMENDATIONS. FULL BRANDING MESSAGE SHALL BE APPLIED AT MINIMUM THREE TIMES ALONG PERIMETER
  5. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.

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NO. DATE	BY	REVISION	NO.	DATE	BY	REVISION	NO.	DATE	BY
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY P.I.N. 3754.46 CONTRACT 1									
<b>STREETSCAPE DETAILS</b>									
SCALE: AS NOTED DATE ISSUED: 4/2011 DRAWING: SLD-2									



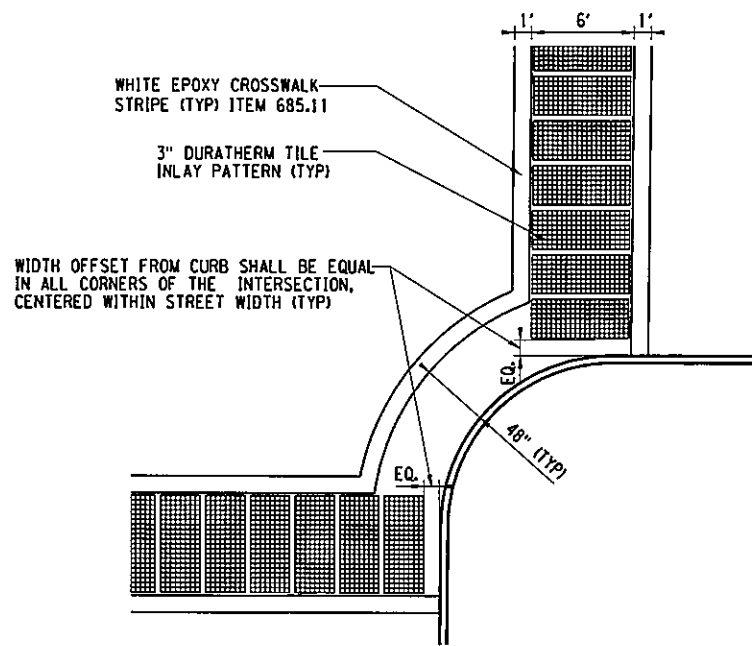
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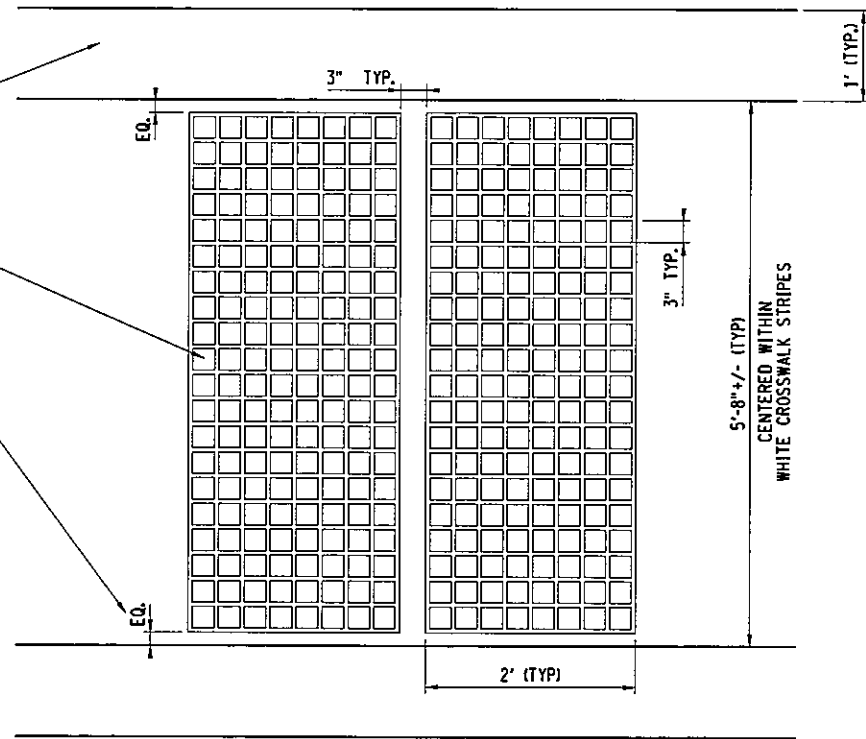
3" DURATHERM TILE INLAY PATTERN (TYP)  
 FULL PATTERN TO BE CENTERED IN WIDTH OF STREET USING FULL 2' WIDE INLAY PATTERN

**DURATHERM INLAY CROSSWALK**  
 ITEM 601.9402--70



WHITE EPOXY CROSSWALK STRIPE (TYP) ITEM 685.11  
 3" DURATHERM TILE INLAY PATTERN (TYP)  
 WIDTH OFFSET FROM CURB SHALL BE EQUAL IN ALL CORNERS OF THE INTERSECTION, CENTERED WITHIN STREET WIDTH (TYP)

**CURB RAMP CROSSWALK DETAIL**



WHITE EPOXY CROSSWALK STRIPE (TYP) ITEM 685.11

3" DURATHERM TILE INLAY PATTERN (TYP)

WIDTH TO BE DETERMINED BY CENTERING DURATHERM INLAY PATTERN BETWEEN THE TWO 1' WHITE CROSSWALK STRIPES

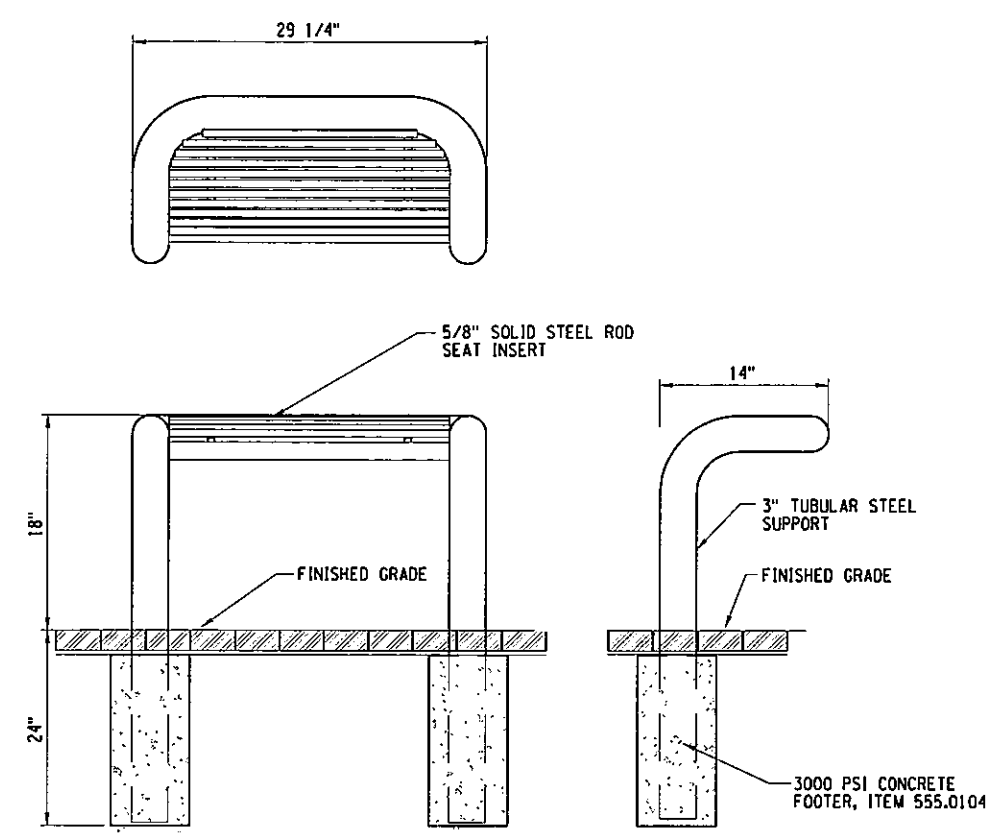
**DURATHERM INLAY DETAIL**  
 ITEM 601.9402--70

**NOTES:**

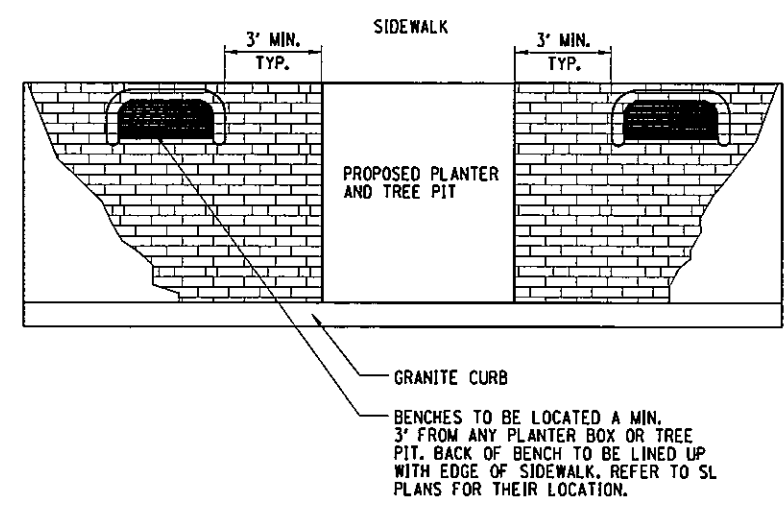
- CROSSWALK INLAY SHALL BE DURATHERM INLAID THERMOPLASTIC PAVEMENT SYSTEM, OR AN APPROVED EQUAL.
- PATTERN: 3" TILE PATTERN, DIMENSIONED AS SHOWN.
- COLOR: WHITE
- INLAY PATTERN SHALL BE CENTERED WITHIN CROSSWALK AND STREET TO PROVIDE EQUAL CLEAR DIMENSIONS FROM THE EDGE OF PAVEMENT/CURB AND BETWEEN THE STRIPING. CONTRACTOR SHALL COORDINATE THE SEQUENCE OF STRIPING AND PAVEMENT INLAY.
- REFER TO DWG. NO. PL-1 THROUGH PL-6 FOR CURB RAMP TYPE LOCATIONS, AND DWG. NO. SPM-1 THROUGH SPM-6 FOR PAVEMENT MARKING PLANS.

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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SYRACUSE UNIVERSITY SCHOOL OF ARCHITECTURE	
Barton & Loguidice, P.C.	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CONTRACT 1
CITY OF SYRACUSE	P.I.N. 3754.46
ONONDAGA COUNTY	
STREETSCAPE DETAILS	
SCALE: AS NOTED	
DATE ISSUED: 4/2011	
DRAWING SLD-3	

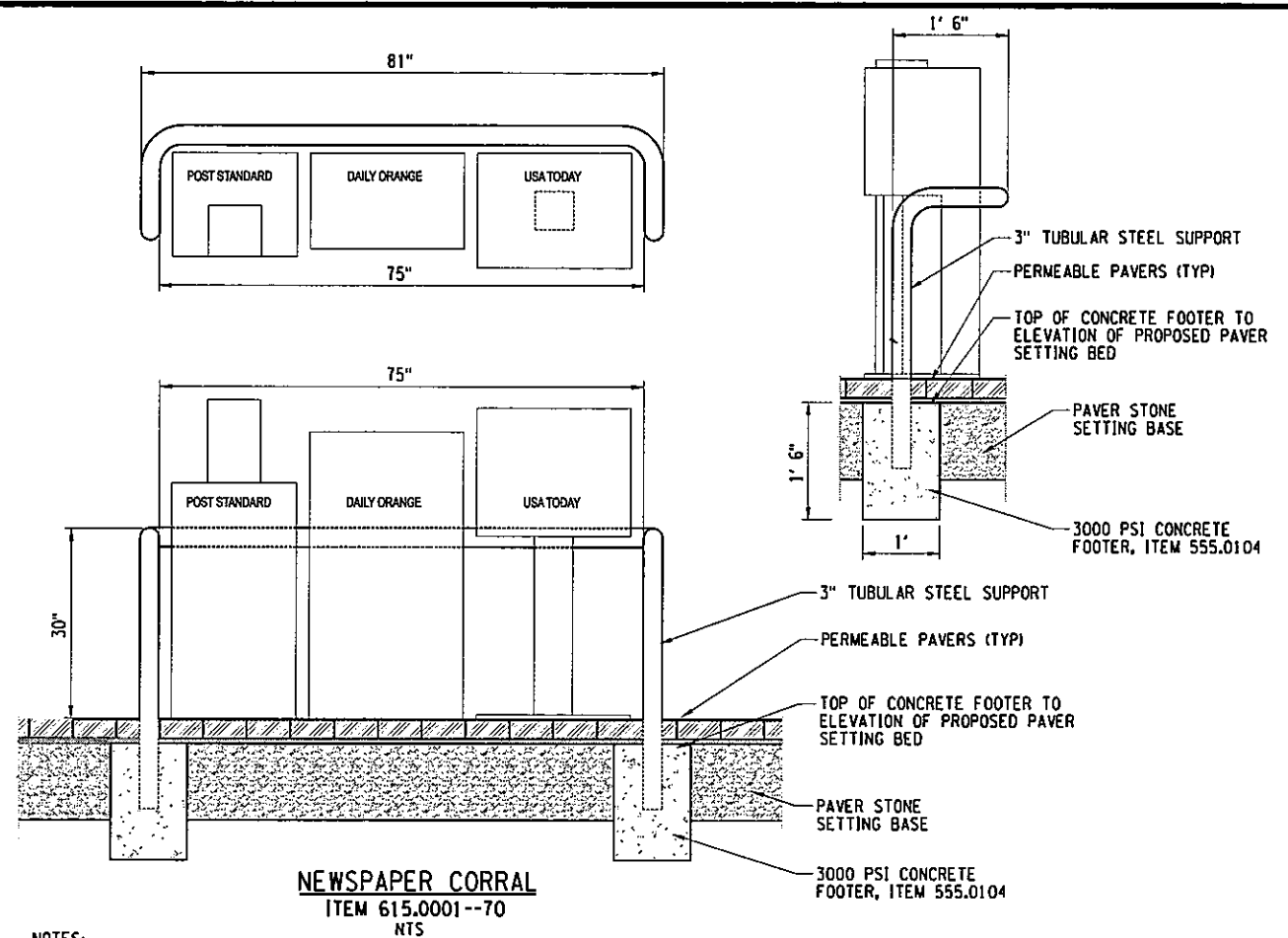


**BENCH**  
 ITEM 615.08010001  
 NTS



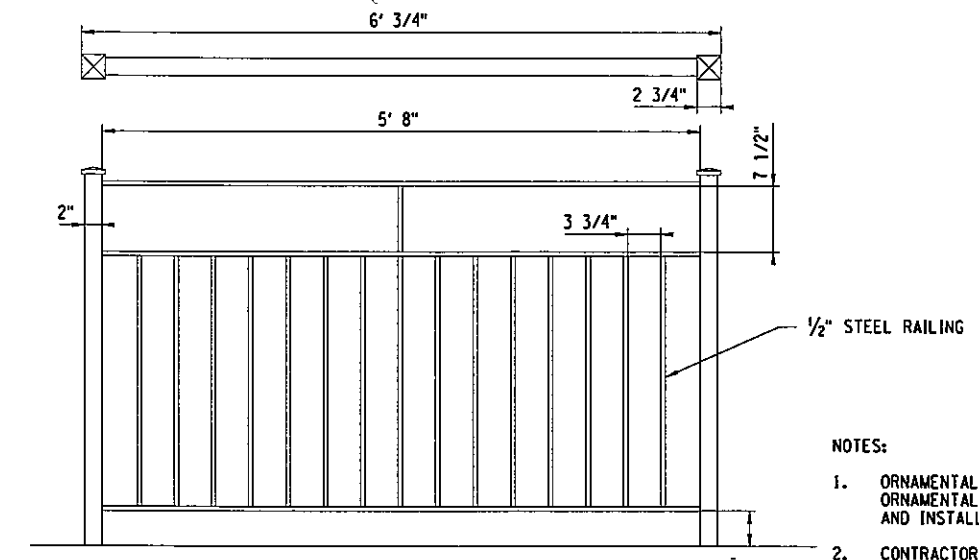
**TYPICAL BENCH LAYOUT**

- NOTES:
- BENCH TO BE MANUFACTURED BY THE FOLLOWING OR AN APPROVED EQUAL:  
 LANDSCAPE FORMS, INC. PETOSKEY 29 1/4" PICNIC TABLE SEAT, EMBEDDED SUPPORT
  - POWDER COATING COLOR: SYRACUSE RED (PRIMARY)  
 SYRACUSE RED COMPOSITE:  
 PMS: 1795  
 CMYK: 0/95/100/0  
 RGB: 238/52/36  
 BM: 2010-10
  - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
  - CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION



**NEWSPAPER CORRAL**  
 ITEM 615.0001--70  
 NTS

- NOTES:
- NEWSPAPER BOX CORRAL IS A CUSTOM FABRICATION ELEMENT INTENDED TO MATCH ALL PROPOSED SITE FURNISHINGS. BOX CORRAL MAY BE FURNISHED BY THE SAME MANUFACTURER OR APPROVED EQUAL.
  - POWDER COATING COLOR: SYRACUSE RED (PRIMARY)  
 SYRACUSE RED COMPOSITE:  
 PMS: 1795  
 CMYK: 0/95/100/0  
 RGB: 238/52/36  
 BM: 2010-10
  - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
  - CONTRACTOR SHALL REFER TO-SL PLANS FOR LOCATION OF NEWSPAPER BOX CORRAL.
  - CONTRACTOR SHALL NOTIFY PAPER BOX OWNERS AND SALVAGE EXISTING BOXES TO OWNER. REPLACEMENT OR NEW PAPER BOXES SHALL BE FURNISHED AND ATTACHED BY OWNERS.



**ORNAMENTAL FENCE**  
 ITEM 607.91000001

- NOTES:
- ORNAMENTAL FENCE SHALL MATCH THE EXISTING ORNAMENTAL FENCE IN MATERIAL, COLOR, DIMENSION, AND INSTALLATION.
  - CONTRACTOR SHALL SUPPLY SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
  - SEE DWG. NO. SL-1 FOR LOCATION.

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

88	127
NO. DATE	BY REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
STREETScape DETAILS	
SCALE: AS NOTED DATE ISSUED: 4/2011 DRAWING SLD-4	

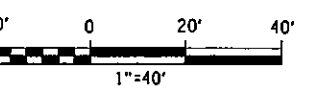
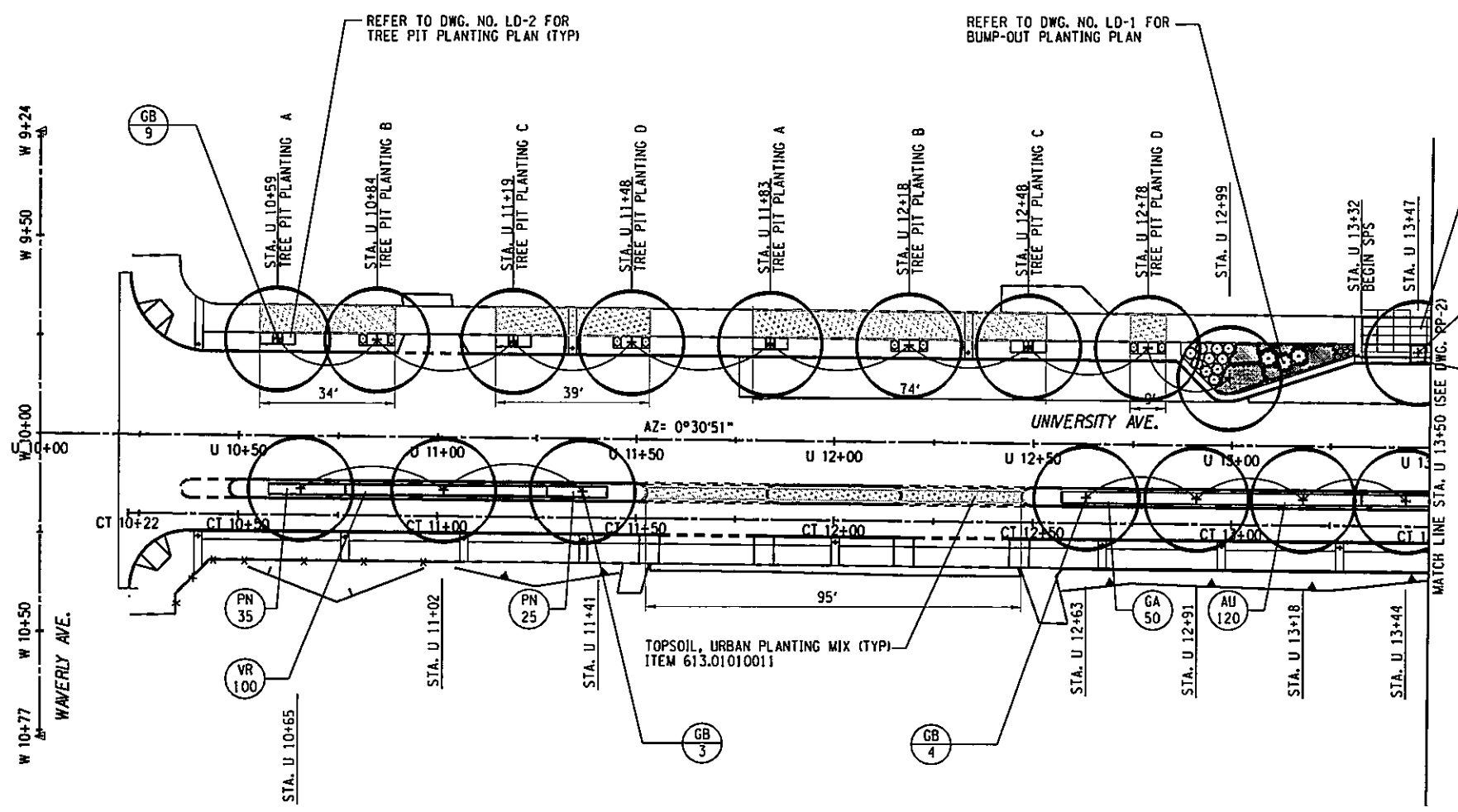
IN CHARGE OF JPD DESIGN BY AKW CHECKED BY JBN ESTIMATED BY AKW CHECKED BY JBN DRAFTED BY AKW CHECKED BY JBN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

**LEGEND**

	RELOCATED STREETLIGHT/UTILITY POLE
	LIGHT COLUMN/BOLLARD
	TREE PIT OPENING
	TOPSOIL, URBAN PLANTING MIX
	SUSPENDED SOIL PAVEMENT SYSTEM
	STREET TREE
	TREE SYMBOL
	SHRUB, PERENNIAL SYMBOL

- PLANTING NOTES:**
1. STATIONING FOR TREES IS TO CENTER OF TREE PIT.
  2. ALL LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT VIA RESIDENT ENGINEER.
  3. PROVIDE CONTINUOUS STRUCTURAL SOILS WHERE SHOWN ON PLANS. SELECT LOCATIONS SHALL PROVIDE A 9'-0" WIDE PLANTING ZONE OF TOPSOIL, URBAN PLANTING MIX TO EXTEND TO LAWN AREAS AT THE BACK OF CONCRETE SIDEWALKS WHERE SHOWN.
  4. REFER TO DWG. NO. LD-2 THROUGH LD-5 FOR ALL PLANTING DETAILS AND SCHEDULES.
  5. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITY LOCATIONS PRIOR TO INSTALLING ANY PLANT MATERIAL.
  6. CONTRACTOR SHALL SUPPLY ALL PLANT MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE PLANTING AS SHOWN ON ALL PLANS.
  7. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT AMERICAN STANDARD FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
  8. NO PLANT SHALL BE INSTALLED OR PLACED IN GROUND UNTIL ALL ROUGH GRADES HAVE BEEN FINISHED AND APPROVED BY THE E.I.C.



SUSPENDED PAVEMENT SOIL SYSTEM (SPS) 2 TIER  
 SEE DWG. NO. LD 4&5 FOR DETAILS

REFER TO DWG. NO. LD-1 FOR BUMP-OUT PLANTING PLAN

REFER TO DWG. NO. LD-2 FOR TREE PIT PLANTING PLAN (TYP)

NO. DATE	REVISION	 SYRACUSE UNIVERSITY FOUNDED 1820	 Barton & Loguidice, P.C.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
						PLANTING PLAN STA. U 10+00 TO STA. U 13+50
		SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PP-1				





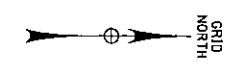
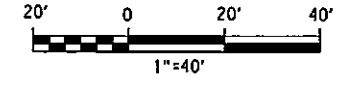
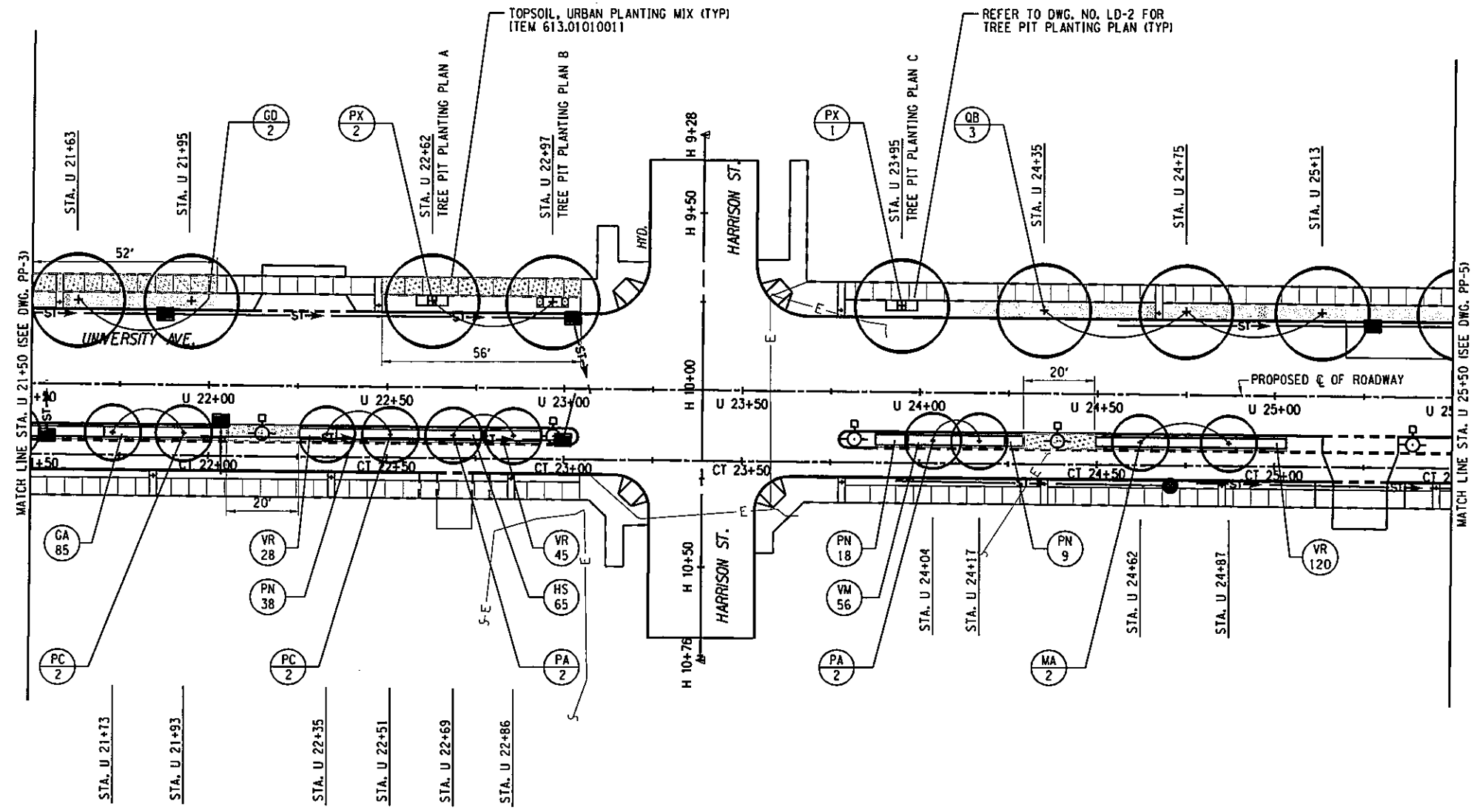
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**LEGEND**

- RELOCATED STREETLIGHT/UTILITY POLE
- LIGHT COLUMN/BOLLARD
- TREE PIT OPENING
- TOPSOIL, URBAN PLANTING MIX
- SUSPENDED PAVEMENT SOIL SYSTEM
- STREET TREE
- TREE SYMBOL
- SHRUB, PERENNIAL SYMBOL

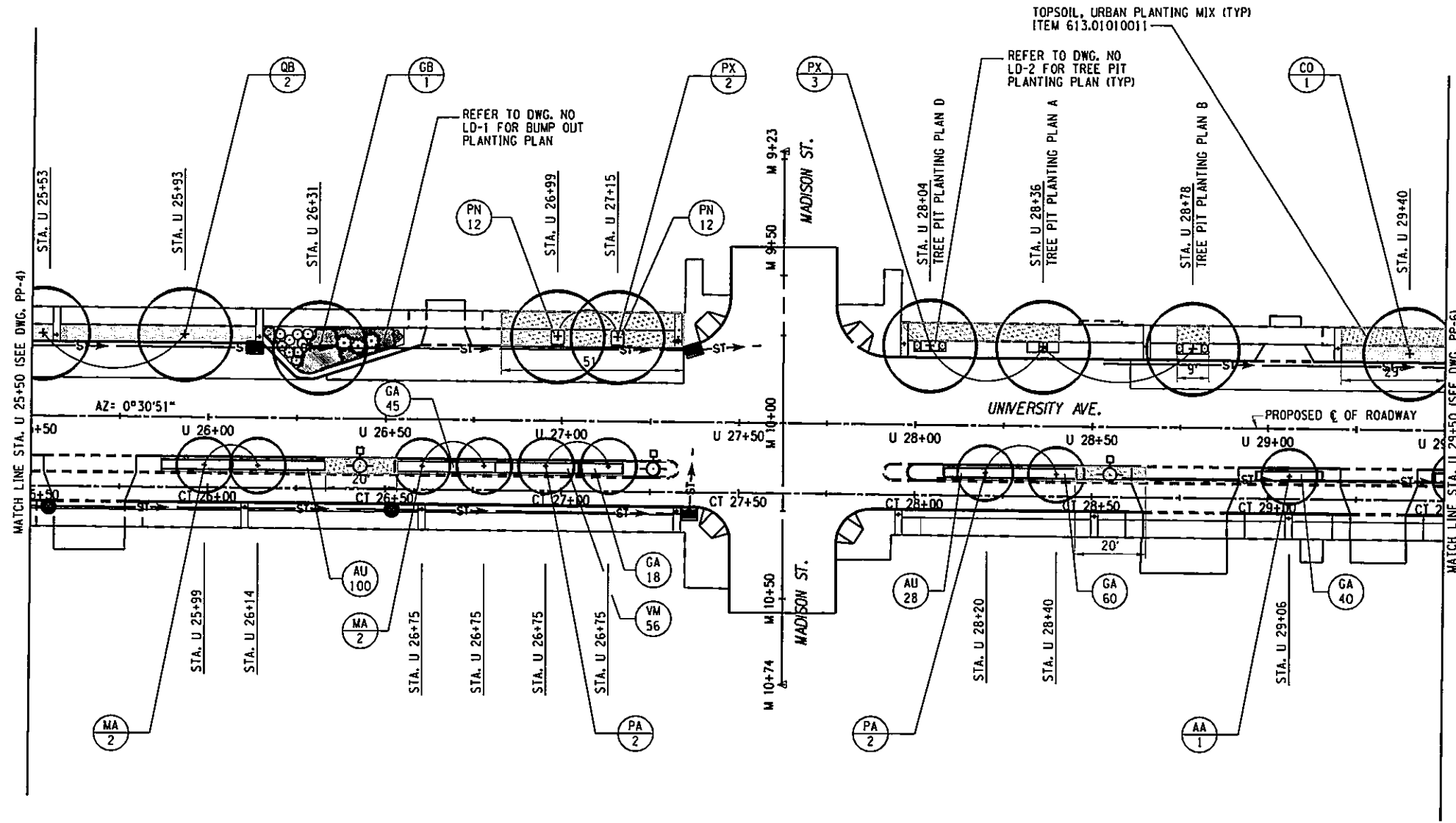
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  2. ALL LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT VIA RESIDENT ENGINEER.
  3. PROVIDE CONTINUOUS STRUCTURAL SOILS WHERE SHOWN ON PLANS. SELECT LOCATIONS SHALL PROVIDE A 9'-0" WIDE PLANTING ZONE OF TOPSOIL, URBAN PLANTING MIX TO EXTEND TO LAWN AREAS AT THE BACK OF CONCRETE SIDEWALKS WHERE SHOWN.
  4. REFER TO DWG. NO. LD-2 THROUGH LD-5 FOR ALL PLANTING DETAILS AND SCHEDULES.
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  8. NO PLANT SHALL BE INSTALLED OR PLACED IN GROUND UNTIL ALL ROUGH GRADES HAVE BEEN FINISHED AND APPROVED BY THE E.I.C.

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



		EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	92 127
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 146 SECTION 7209		PLANTING PLAN STA. U 21+50 TO STA. U 25+50 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PP-4	NO. DATE BY REVISION

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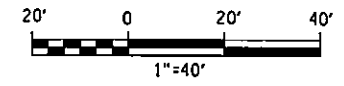
**LEGEND**

- RELOCATED STREETLIGHT/UTILITY POLE
- LIGHT COLUMN/BOLLARD
- TREE PIT OPENING
- TOPSOIL, URBAN PLANTING MIX
- SUSPENDED PAVEMENT SOIL SYSTEM
- STREET TREE
- TREE SYMBOL
- SHRUB, PERENNIAL SYMBOL

**PLANTING NOTES:**

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3. PROVIDE CONTINUOUS STRUCTURAL SOILS WHERE SHOWN ON PLANS. SELECT LOCATIONS SHALL PROVIDE A 9'-0" WIDE PLANTING ZONE OF TOPSOIL, URBAN PLANTING MIX TO EXTEND TO LAWN AREAS AT THE BACK OF CONCRETE SIDEWALKS WHERE SHOWN.
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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



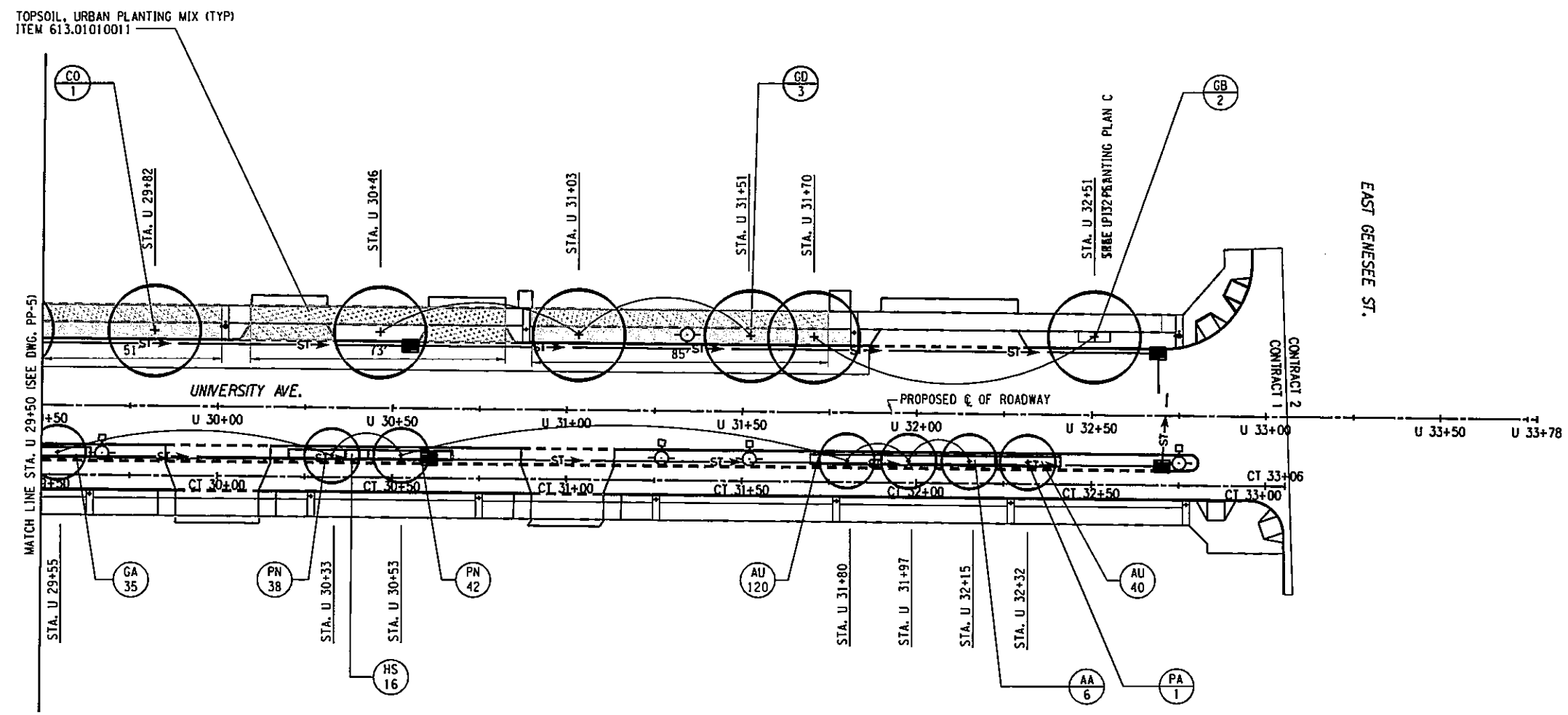
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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46
PLANTING PLAN STA. U 25+50 TO STA. U 29+50				
SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING PP-5				



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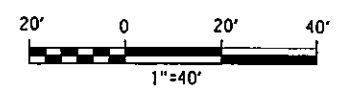


**LEGEND**

	RELOCATED STREETLIGHT/UTILITY POLE
	LIGHT COLUMN/BOLLARD
	TREE PIT OPENING
	TOPSOIL, URBAN PLANTING MIX
	SUSPENDED PAVEMENT SOIL SYSTEM
	STREET TREE
	TREE SYMBOL
	SHRUB, PERENNIAL SYMBOL

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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

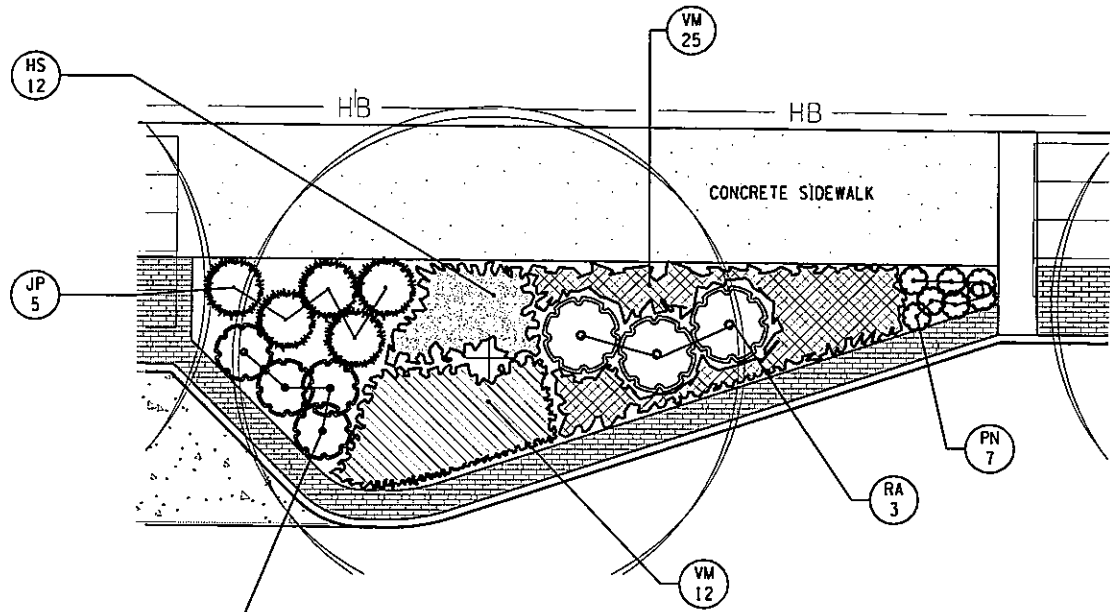


NO. DATE BY REVISION	
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209</small>	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
ONONDAGA COUNTY	P.I.N. 3754.46
CONTRACT 1	
<b>PLANTING PLAN</b> STA. U 29+50 TO STA. U 33+06	
SCALE: 1"=40'	
DATE ISSUED: 4/2011	
DRAWING	
PP-6	

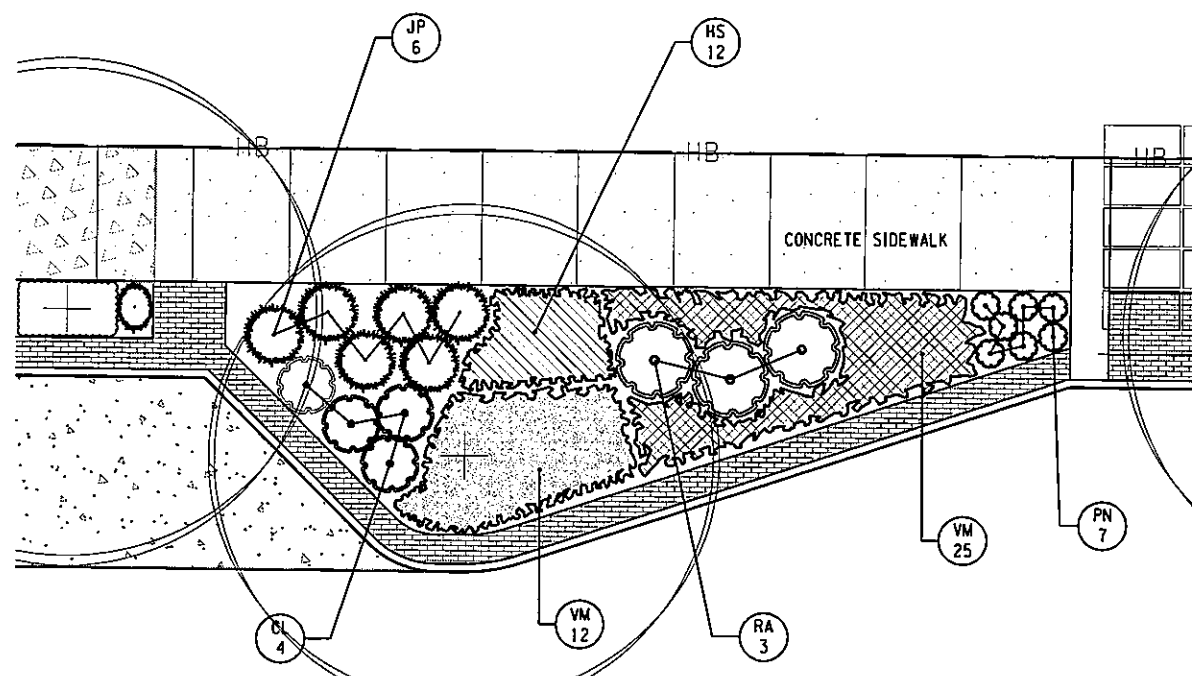
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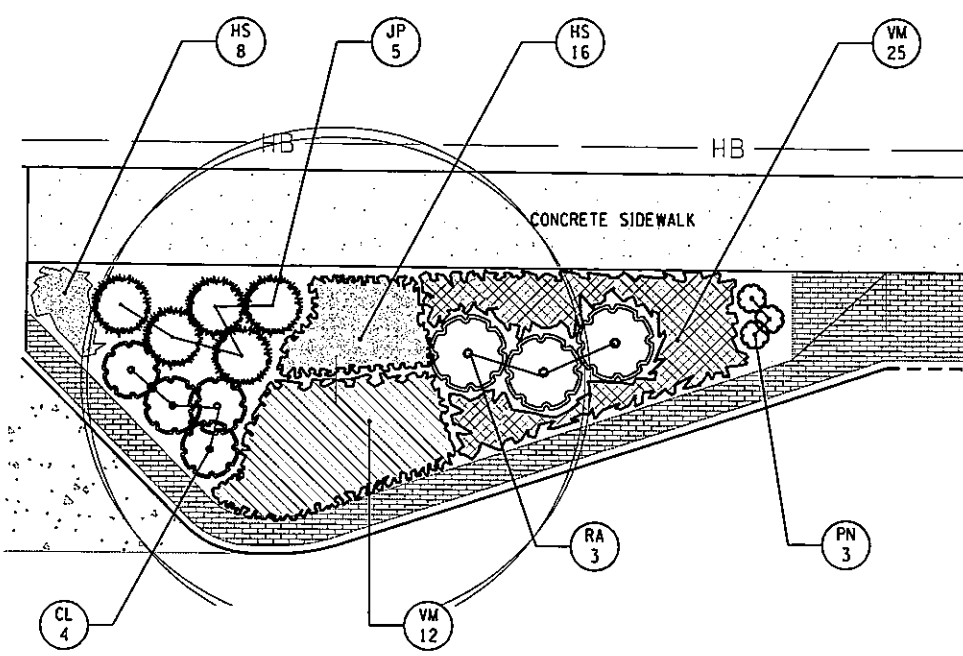
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**BUMP OUT PLANTING PLAN**  
 LOCATION  
 STA. U 16+75; LT.



**BUMP OUT PLANTING PLAN**  
 LOCATION  
 STA. U 13+00; LT.



**BUMP OUT PLANTING PLAN**  
 LOCATION  
 STA. U 26+25; LT.

**PLANTING NOTES:**

1. STATIONING IS TO CENTER OF TREE PIT.
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3. PROVIDE CONTINUOUS STRUCTURAL SOILS WHERE SHOWN ON PLANS. SELECT LOCATIONS SHALL PROVIDE A 9'-0" WIDE PLANTING ZONE OF TOPSOIL, URBAN PLANTING MIX TO EXTEND TO LAWN AREAS AT THE BACK OF CONCRETE SIDEWALKS WHERE SHOWN.
4. REFER TO DWG. NO. LD-2 THROUGH LD-5 FOR ALL PLANTING DETAILS AND SCHEDULES.
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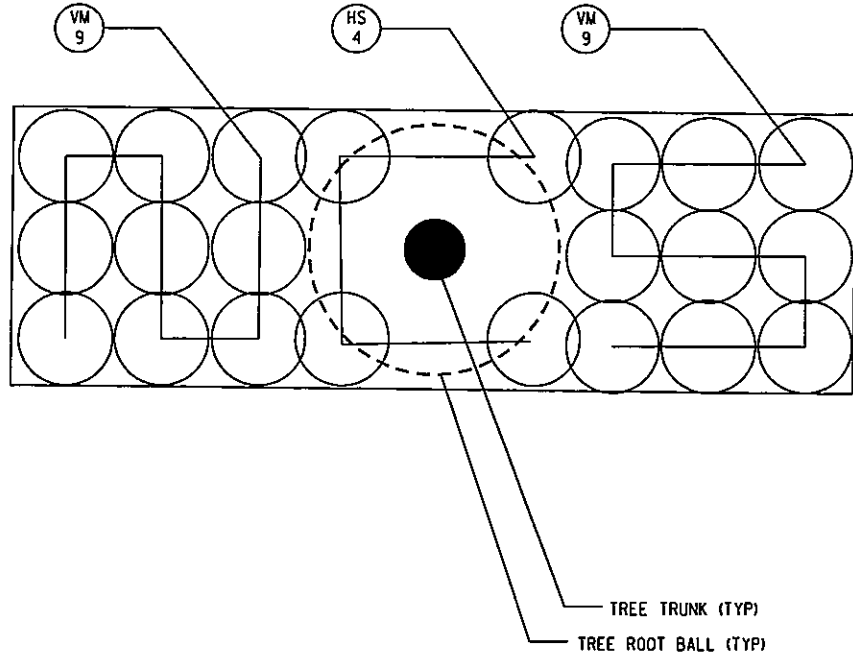
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	CONTRACT 1	P.I.N. 3754.46	
<b>LANDSCAPE DETAILS</b>					
SCALE: 1"=10'-0"					
DATE ISSUED: 4/2011					
DRAWING					
LD-1					

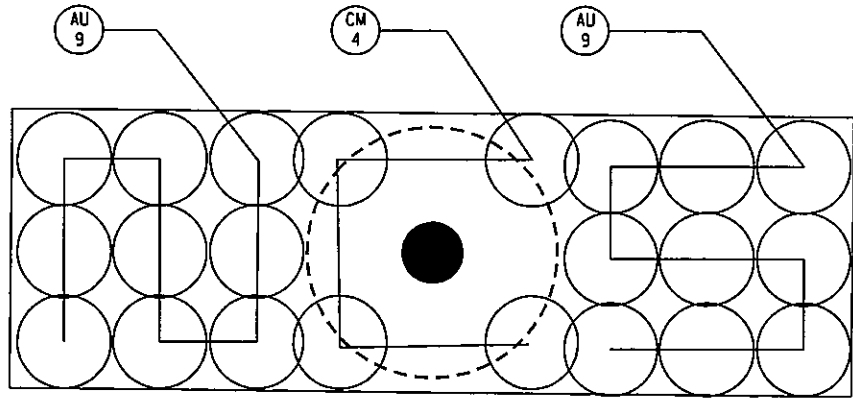
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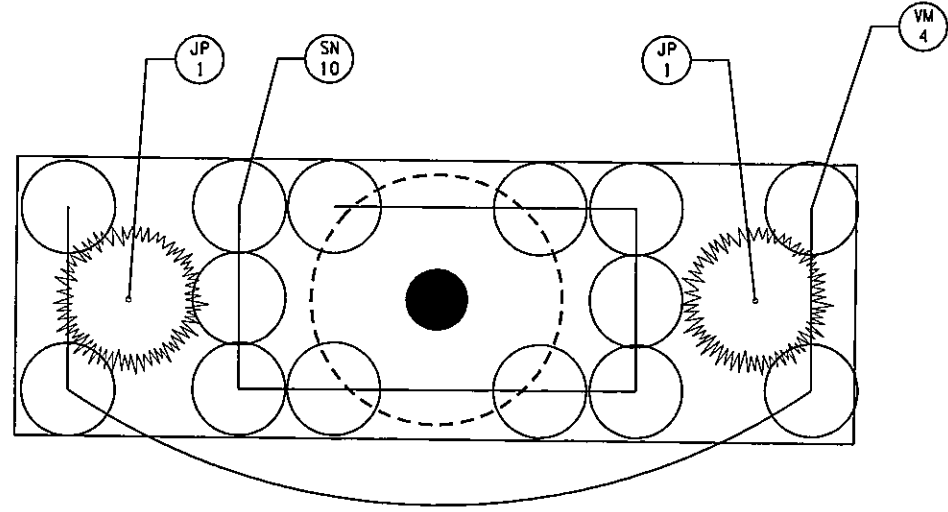
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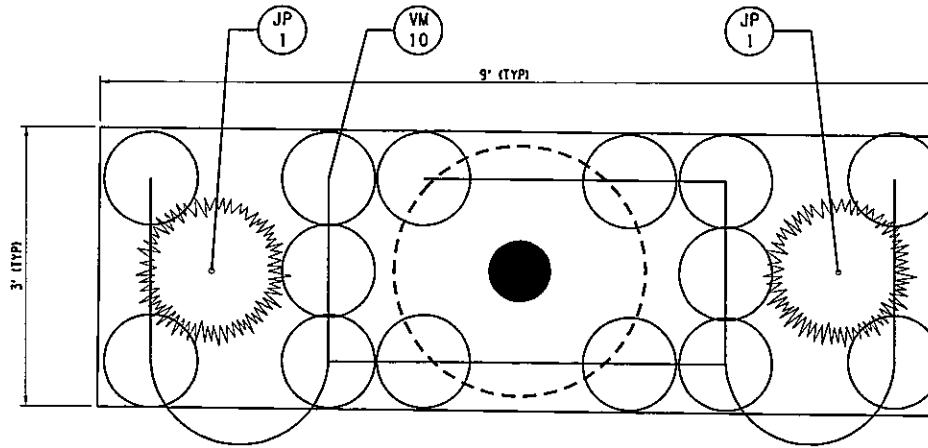
TREE PIT PLANTING PLAN A



TREE PIT PLANTING PLAN C



TREE PIT PLANTING PLAN B

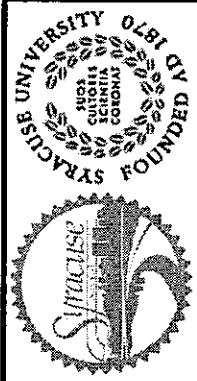
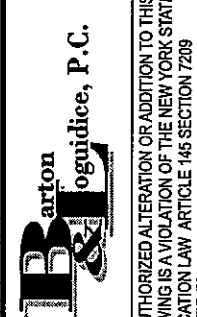


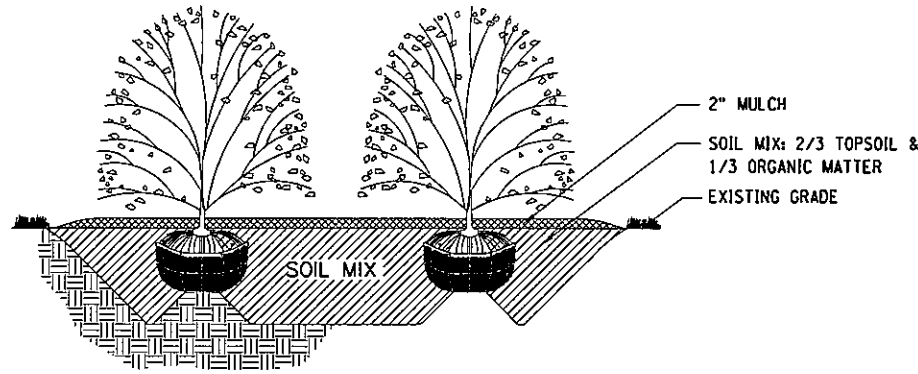
TREE PIT PLANTING PLAN D

PLANTING NOTES:

1. ALL LOCATIONS SHALL BE VERIFIED IN THE FIELD BY THE LANDSCAPE ARCHITECT VIA RESIDENT ENGINEER.
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PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

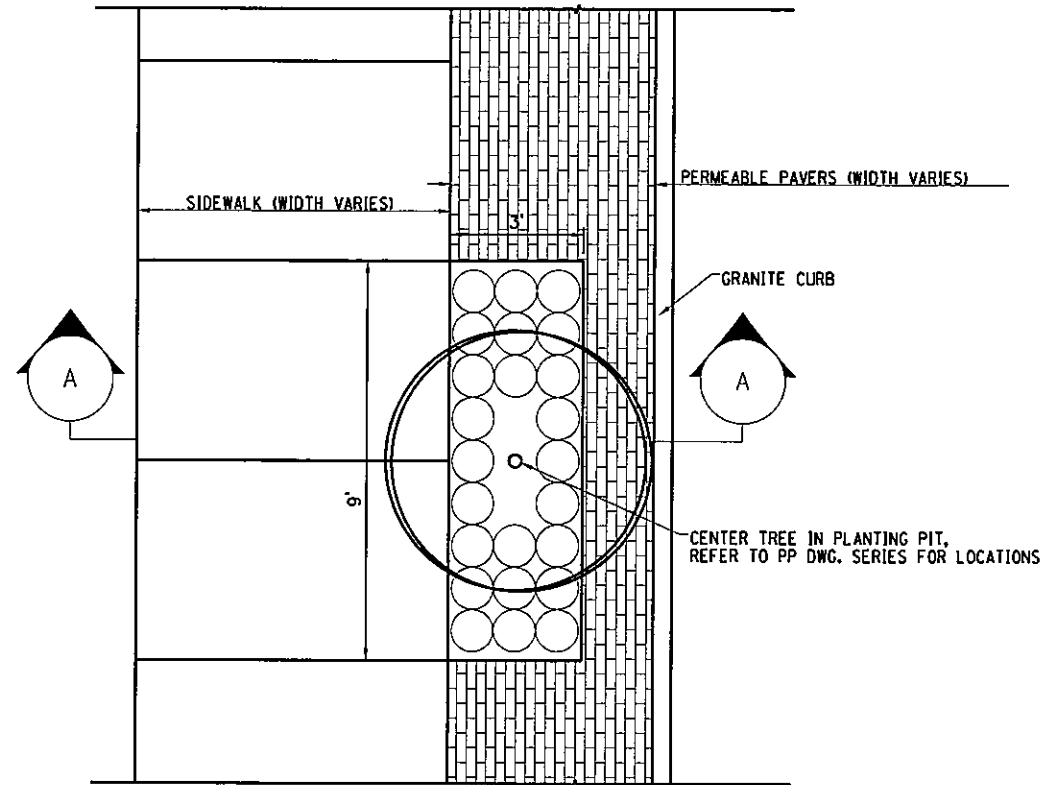
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NO. DATE	REVISION
	
	
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209</small>	
EAST GENESEE STREET CONNECTIVE CORRIDOR	P.I.N. 3754.46
CITY OF SYRACUSE	
ONONDAGA COUNTY	
CONTRACT 1	
LANDSCAPE DETAILS	
SCALE: N.T.S.	
DATE ISSUED: 4/2011	
DRAWING LD-2	



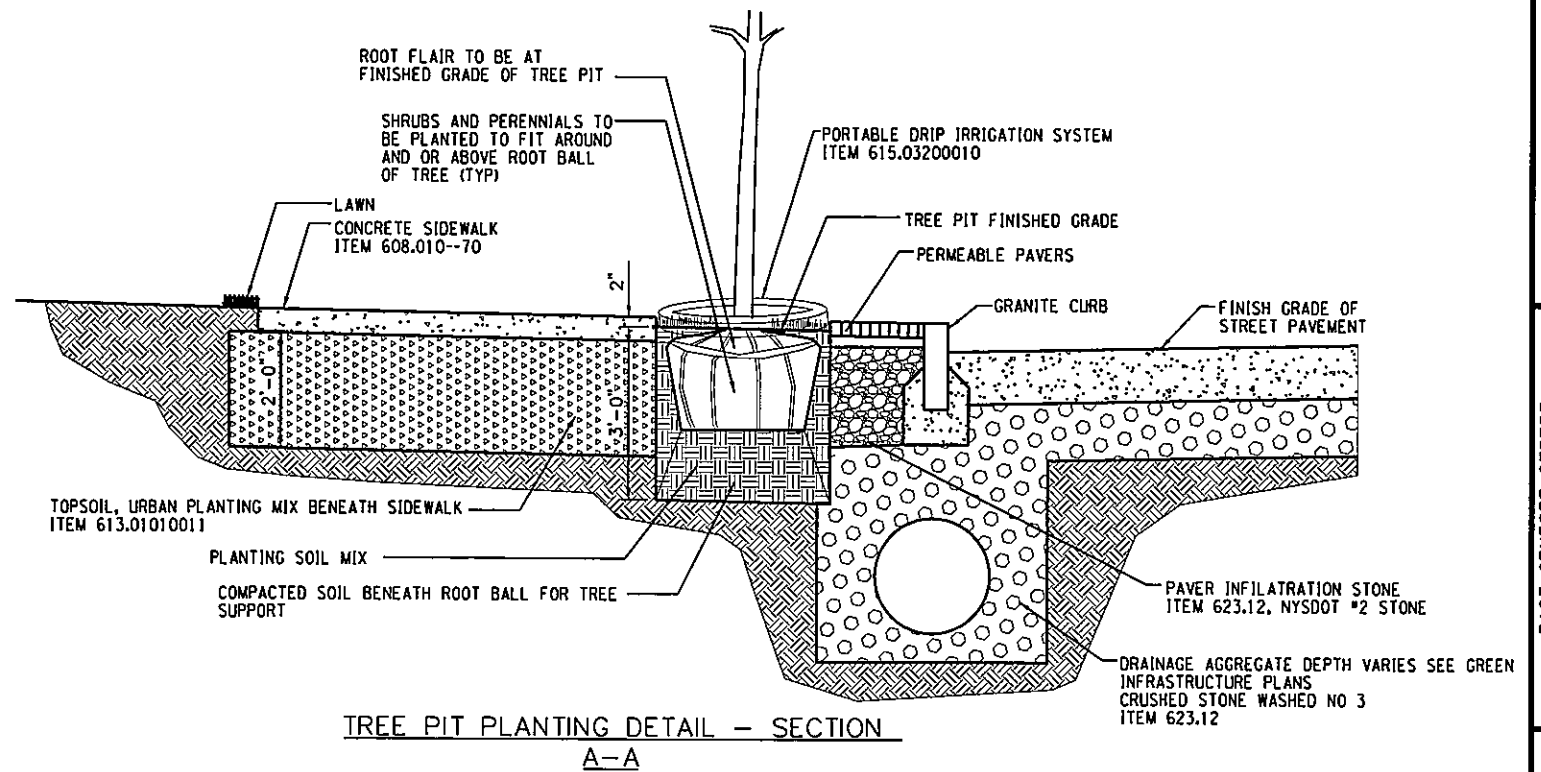
**SHRUB PLANTING BED**  
NOT TO SCALE

**ADDITIONAL PLANTING NOTES:**

1. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED UTILITY LOCATIONS PRIOR TO INSTALLING ANY PLANT MATERIAL.
2. ALL PLANT MATERIAL SHALL CONFORM TO THE GUIDELINES ESTABLISHED BY THE CURRENT "AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
3. ALL PLANTS SHALL BE DELIVERED AS SPECIFIED IN THE PLANT LIST. NO CONTAINER GROWN STOCK WILL BE ACCEPTED IF IT IS ROOT BOUND. ALL ROOT WRAPPING MATERIAL MADE OF SYNTHETICS OR PLASTIC SHALL BE REMOVED ENTIRELY AT TIME OF PLANTING.
4. WITH CONTAINER GROWN STOCK, THE CONTAINER SHALL BE REMOVED AND THE CONTAINER BALL SHALL BE LOOSENED BY CUTTING OR SLICING THE SURFACE OF THE BALL VERTICALLY IN TWO LOCATIONS TO ENCOURAGE IMMEDIATE ROOT GROWTH.
5. THE DAY PRIOR TO PLANTING INSTALLATIONS, THE LOCATION OF ALL TREES AND SHRUBS SHALL BE STAKED FOR APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT, VIA THE E.I.C.
6. ALL PLANTS SHALL BE SPRAYED WITH AN ANTIDESSICANT WITHIN 24 HOURS AFTER PLANTING.
7. ALL PLANTS SHALL BE INSTALLED PER DETAILS AND SPECIFICATIONS.
8. ALL PLANTS, SUSPENDED PAVEMENTS SYSTEMS, GRATES, AND STAKES SHALL BE SET PLUMB UNLESS DIRECTED OTHERWISE.
9. ALL OPEN TREE PITS, RAIN GARDENS, SHRUB BEDS AND PLANTING AREAS SHALL RECEIVE MINIMUM 2" DEPTH OF SHREDDED BARK MULCH AS SPECIFIED.
10. CONTRACTOR SHALL PROVIDE ALL PLANTING SOIL MIXES AS SPECIFIED.
11. ALL PLANTS SHALL BE WATERED THOROUGHLY TWICE DURING THE FIRST 24 HOUR PERIOD AFTER PLANTING. ALL PLANTS SHALL THEN BE WATERED WEEKLY, AT MINIMUM, OR AS NECESSARY DEPENDING ON RAIN CONDITIONS, DURING THE ENTIRE FIRST SEASON GROWING SEASON.
12. LANDSCAPE CONTRACTOR SHALL REFER TO NYS DOT SPECIFICATIONS SECTION 619 FOR SEASONAL REQUIREMENTS RELATED TO THE TIME OF PLANTING FOR THE SPECIES INDICATED ON THE PLANT LIST.

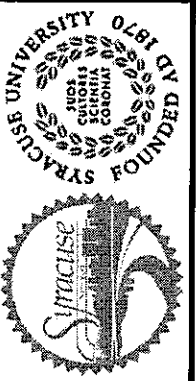
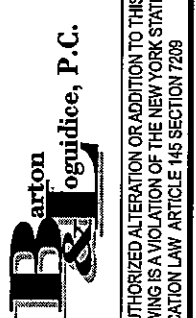


**TREE PIT PLANTING DETAIL - PLAN**



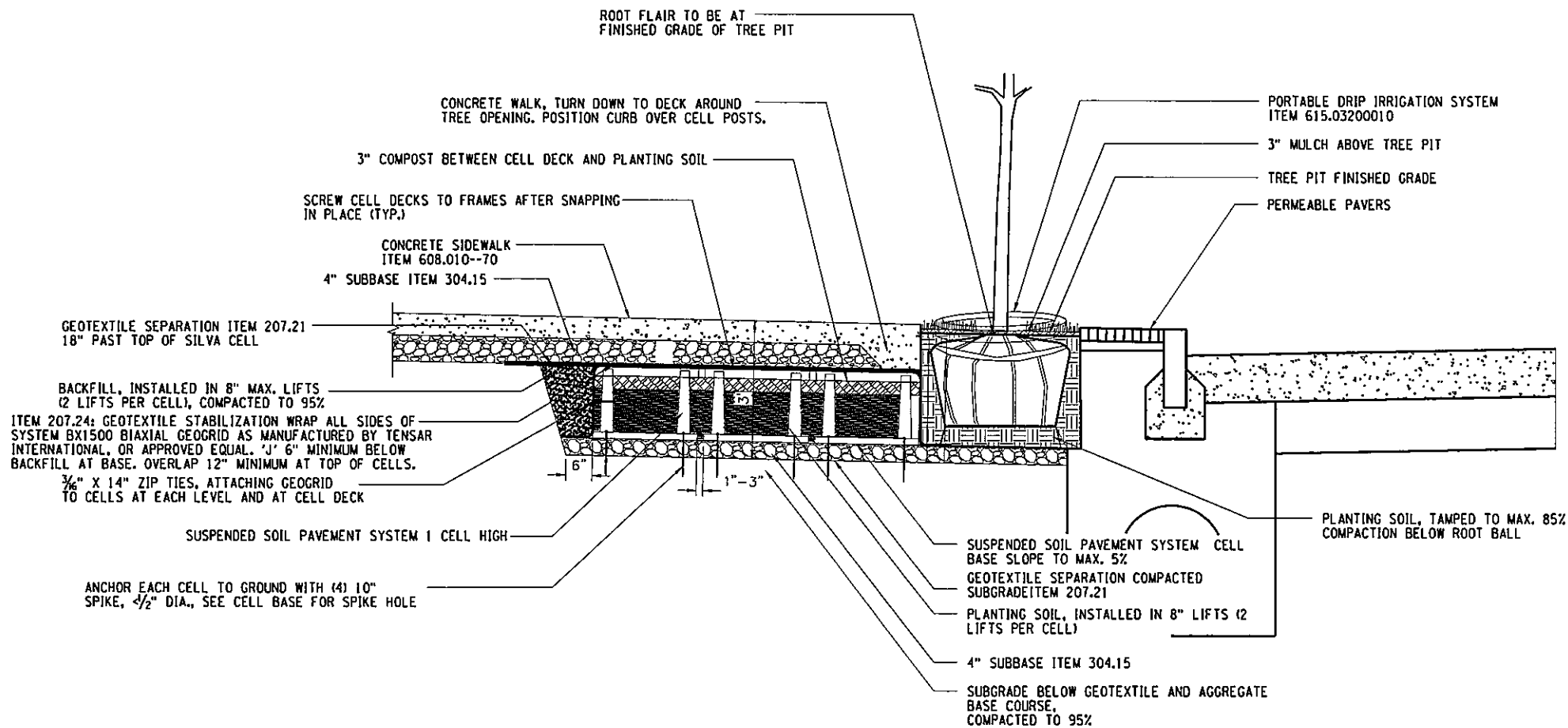
**TREE PIT PLANTING DETAIL - SECTION A-A**

PREPARED BY: BARTON & LOGUIDICE, P.C.  
ON: APR. 2011

97 127	
NO. DATE	REVISION
	
	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7208	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
ONONDAGA COUNTY	P.I.N. 3754.46
CONTRACT 1	
LANDSCAPE DETAILS	
SCALE: N.T.S.	
DATE ISSUED: 4/2011	
DRAWING	
LD-3	

**SUSPENDED SOIL PAVEMENT SYSTEM NOTES:**

1. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING AND PROPOSED ABOVE GROUND AND BELOWGROUND UTILITY LINES, BURIED INFRASTRUCTURE, AND OTHER IMPROVEMENTS AND SITE CONDITIONS PRIOR TO PREPARING AND INSTALLING THE SUSPENDED SOIL PAVEMENT SYSTEM.
2. BEFORE PROCEEDING WITH WORK, CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS, QUANTITIES, GRADE ELEVATIONS, AND SUBGRADE CONDITIONS, AND INFORM THE E.I.C. OF ANY DISCREPANCIES OR UNKNOWN CONDITIONS.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH THE APPROPRIATE UTILITY CONTRACTORS, UTILITY COMPANY OR RESPONSIBLE SUBCONTRACTOR.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING PROPER PRECAUTIONS TO PROTECT OTHER ADJACENT SITE WORK AND EXISTING PLANTINGS.
5. CONTRACTOR SHALL PROTECT ANY PARTIALLY COMPLETED SUSPENDED SOIL PAVEMENT SYSTEM FROM OTHER CONSTRUCTION TRAFFIC AND IMPACTS.
6. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.
7. CONTRACTOR IS REQUIRED TO CONSTRUCT A MOCK UP OF THE INSTALLATION AT THE SITE. MOCK UP SHALL BE A MINIMUM OF 100 SF. AND INCLUDE THE COMPLETE SUSPENDED SOIL PAVEMENT SYSTEM WITH SUBBASE COMPACTION, DRAINAGE INSTALLATION, BASE COURSE AGGREGATE, AND GEOTEXTILES, BACKFILLS AND SOILS AND ALL NECESSARY ACCESSORIES AS REQUIRED.
8. MOCK UP MAY REMAIN AS PART OF THE INSTALLED WORK AT THE END OF THE PROJECT PROVIDED THAT IT REMAINS IN GOOD CONDITION AND MEETS ALL THE CONDITIONS OF THE SPECIFICATIONS.
9. ALL PLANTS, SUSPENDED PAVEMENTS SYSTEMS, GRATES, AND STAKES SHALL BE SET PLUMB UNLESS DIRECTED OTHERWISE.
10. CONTRACTOR SHALL PROVIDE A DETAILED WORK OF SCHEDULE TO INSTALL SILVA CELL AND ALLOW COORDINATION WITH OTHER TRADES.
11. "SUSPENDED SOIL PAVEMENT SYSTEM " AS CALLED OUT ON PLANS AND DETAIL SHEETS REFERS TO SUSPENDED SOIL PAVEMENT SYSTEM AS MANUFACTURED BY DEEPROOT, INC. OR APPROVED EQUAL.



**TREE PIT PLANTING DETAIL  
SUSPENDED PAVEMENT SOIL SYSTEM- ONE TIER**

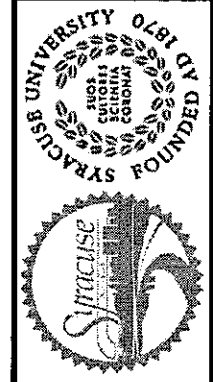
PREPARED BY: BARTON & LOGUIDICE, P.C.  
ON: APR. 2011

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 CHECKED BY: JBN  
 ESTIMATED BY: AKW  
 CHECKED BY: JBN  
 DRAFTED BY: AKW  
 CHECKED BY: JBN

NO.	DATE	BY	REVISION



**Barton & Loguidice, P.C.**  
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EAST GENESEE STREET  
CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

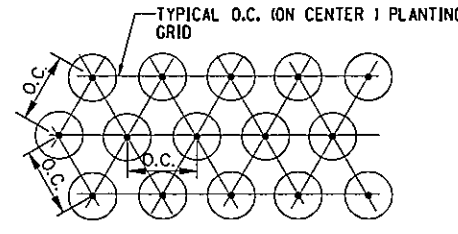
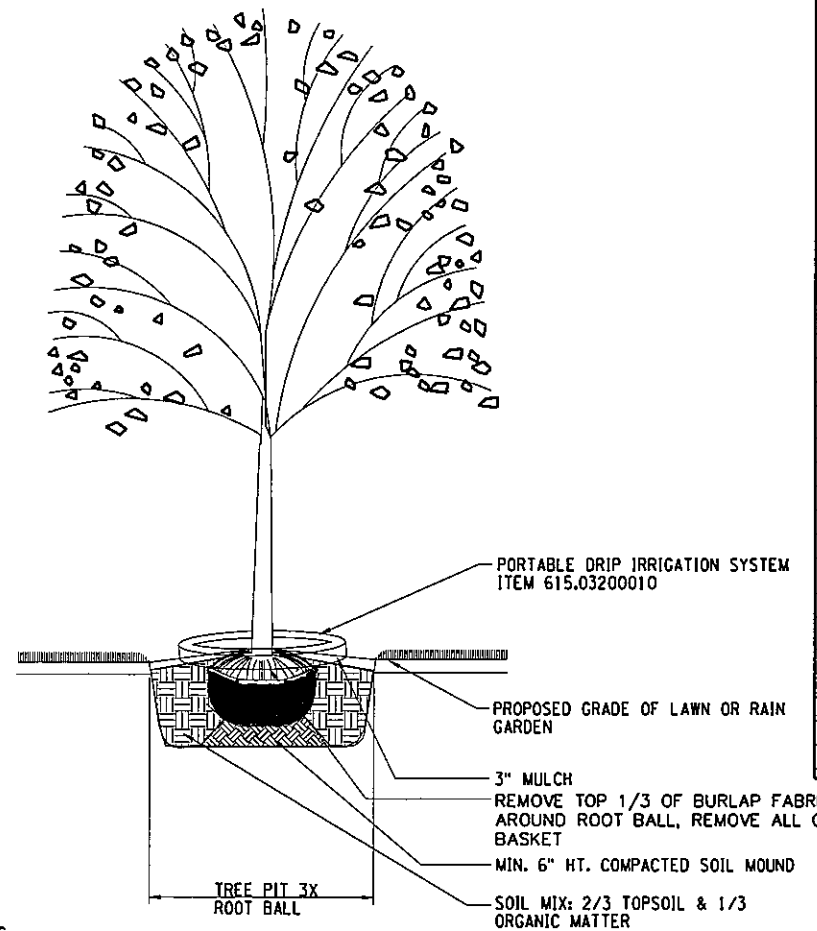
LANDSCAPE  
DETAILS  
 SCALE: N.T.S.  
 DATE ISSUED: 4/2011  
 DRAWING  
 LD-4



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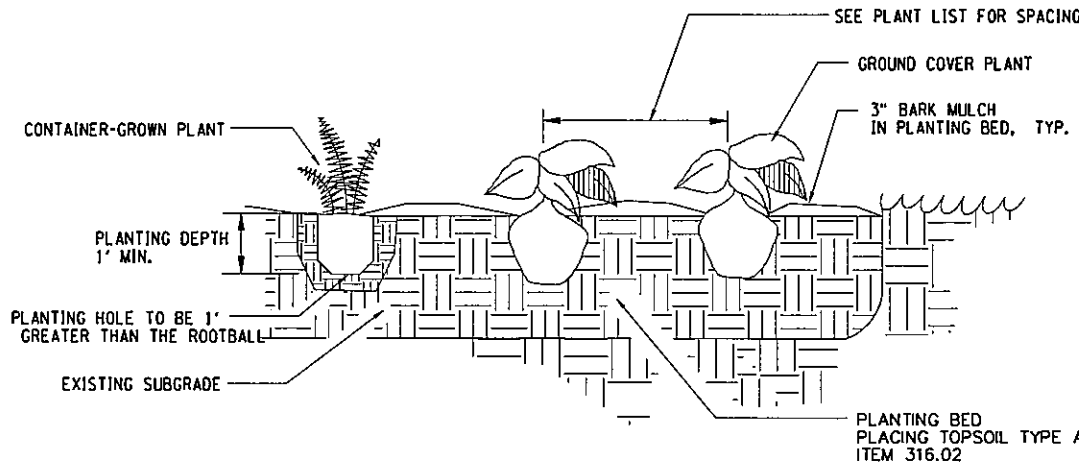
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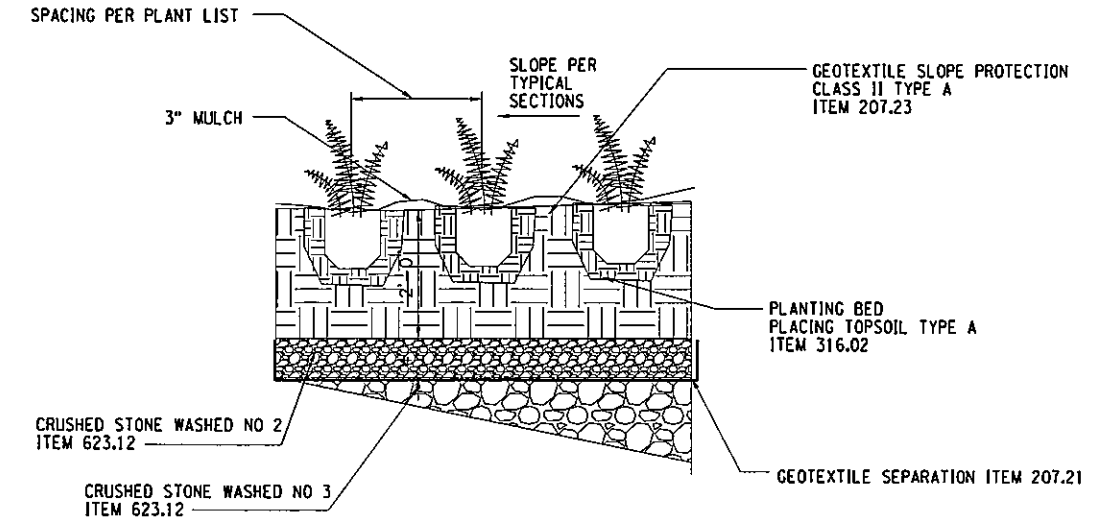


TYPICAL TREE PLANTING  
NOT TO SCALE

PLANTING PATTERN  
NOT TO SCALE



HERBACEOUS GROUNDCOVER PLANTING



PLANTING IN CYCLE-TRACK ISLAND

PLANT LIST

QUANT.	KEY	LATIN NAME	COMMON NAME	CAL.	ROOTS	HT. OR SP.	REMARKS
DECIDUOUS TREES - MAJOR ITEM 611.010113							
2	AF	ACER x FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	3"	B&B		LOWEST BRANCH 5' HT
2	CO	CELTIS OCCIDENTALIS 'MAGNIFICA'	MAGNIFICA HACKBERRY	3"	B&B		LOWEST BRANCH 5' HT
20	GB	GINKGO BILOBA 'PRINCETON SENTRY'	PRINCETON SENTRY GINKGO	3"	B&B		MALE ONLY LOWEST BRANCH 5' HT
6	GT	GLEDITSIA TRIACANTHOS 'INERMIS'	THORNLESS HONEYLOCUST	3"	B&B		LOWEST BRANCH 5' HT
7	GD	GYMNOCLADUS DIOICUS 'ESPRESSO'	ESPRESSO KENTUCKY COFFEE TREE	3"	B&B		LOWEST BRANCH 5' HT
16	PX	PLATANUS x ACERFOLIA 'MORTON'	MORTON LONDON PLANE TREE	3"	B&B		LOWEST BRANCH 5' HT
5	QB	QUERCUS BICOLOR	SWAMP WHITE OAK	3"	B&B		LOWEST BRANCH 5' HT
4	UA	ULMUS AMERICANA 'PRINCETON'	PRINCETON ELM	3"	B&B		LOWEST BRANCH 5' HT
DECIDUOUS TREES - MINOR ITEM 611.020113							
7	AA	ACER CAMPESTRE	HEDGE MAPLE	1 1/2"	B&B	10' HT	
6	MA	MALUS 'ADIRONDACK'	ADIRONDACK APPLE	1 1/2"	B&B	10' HT	
12	PS	PRUNUS SARGENT 'COLUMNARIS'	FLOWERING CHERRY	1 1/2"	B&B	10' HT	
4	PC	PYRUS CALLERYANNA 'ARISTOCRAT'	ARISTOCRAT CALLERY PEAR	1 1/2"	B&B	10' HT	
14	PA	PYRUS CALLERYANNA 'CHANTICLEER'	CHANTICLEER CALLERY PEAR	1 1/2"	B&B	10' HT	
DECIDUOUS SHRUBS - ITEM 611.040113							
12	CL	CLETHRA ALNIFOLIA 'HUMMINGBIRD'	SUMMERSWEET		#5 CONT	18" HT	3' O.C.
412	GA	GAYLUSSACIA BACCATA	BLACK HUCKLEBERRY		#2 CONT	6" HT	1.5' O.C.
524	PN	POTENTILLA TRIDENTATA 'NUUK'	NUUK POTENTILLA		#2 CONT	6" HT	1.5' O.C.
9	RA	RHUS AROMATICA 'LOW GROW'	LOW GROW FRAGRANT SUMAC		#3 CONT	15" HT	4' O.C.
516	VR	VACCINIUM ANGUSTIFOLIUM 'RUBY CARPET'	RUBY CARPET LOWBUSH BLUEBERRY		#2 CONT	6" HT	1' O.C.
EVERGREEN SHRUBS - ITEM 611.050113							
40	JP	JUNIPERUS PROCUMBENS 'GREENMOUND'	GREENMOUND JUNIPER		#3 CONT		4' O.C.
SPECIAL PLANT MATERIALS - ITEM 611.070113							
834	AU	ARCTOSTAPHYLOS UVA-URSI	BEARBERRY		1 Q.T	2"	1' O.C.
24	CM	CONVALLARIA MAJALIS	LILY-OF-THE-VALLEY		1 Q.T	2"	1' O.C.
284	HS	HEMEROCALIS FULVA	LEMON LILY		1 Q.T	2"	2' O.C.
60	SN	SYMPHOTRICHUM NOVI-BELGII	NEW YORK ASTER		1 Q.T	2"	1' O.C.
525	VM	VINCA MINOR	PERIWINKLE		1 Q.T	2"	1' O.C.

LEGEND: B&B-BALLED & BURLAPPED, B.R.-BARE ROOT, SPR-SPRING PLANTING ONLY, HT-HEIGHT, O.C.-ON CENTER

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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UNIVERSITY OF SYRACUSE  
 SYRACUSE, NY  
 FOUNDED 1828

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 P.I.N. 3754.46  
 CONTRACT 1

LANDSCAPE DETAILS  
 SCALE: N.T.S.  
 DATE ISSUED: 4/2011  
 DRAWING LD-6

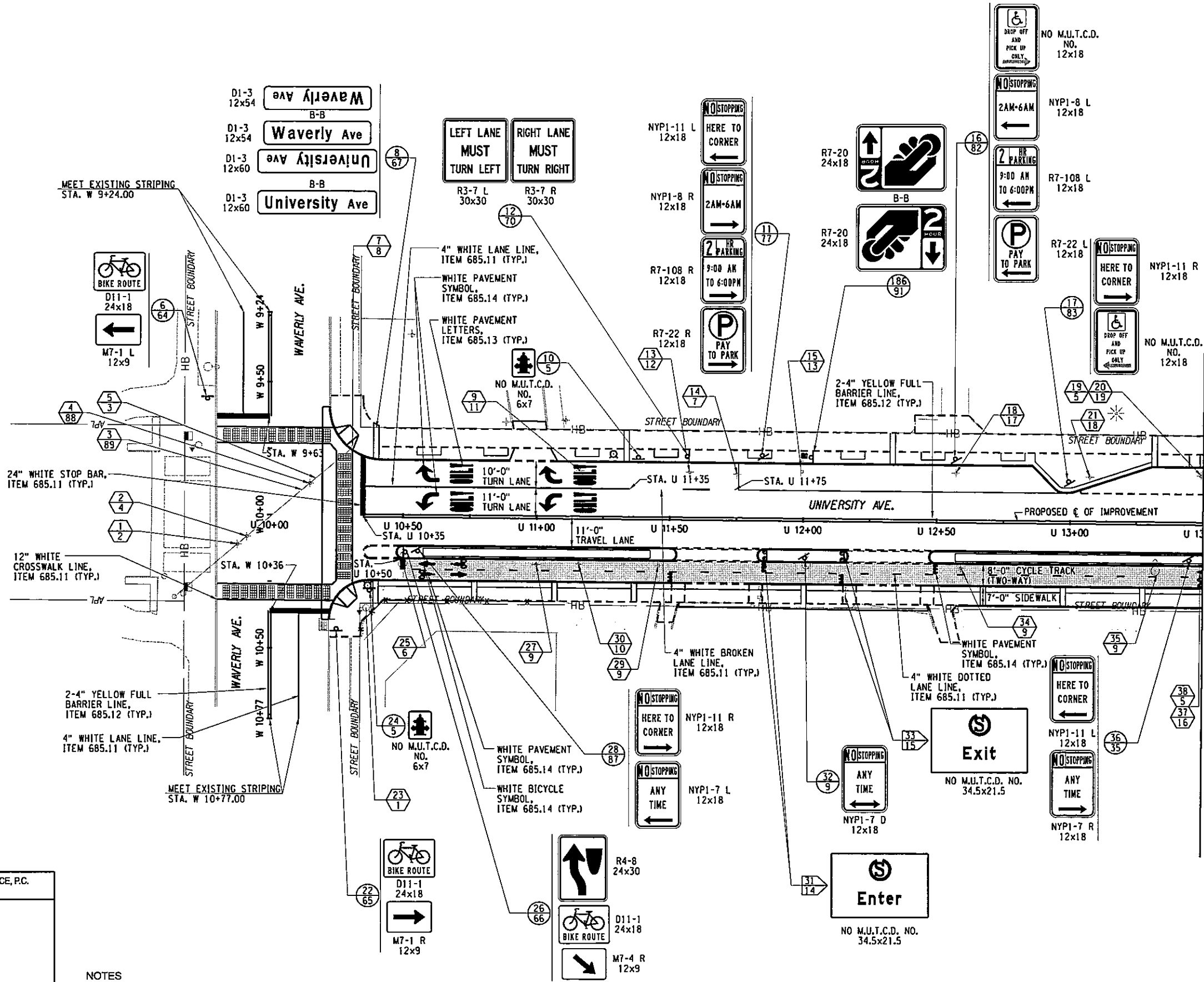
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209



PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

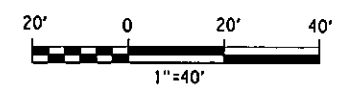
**NOTES**

- SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL REMOVE EXISTING SIGNS WITHIN THE PROJECT LIMITS AND INSTALL NEW SIGNS IN ACCORDANCE WITH MUTCD GUIDELINES AND AOBSE.
- FOR SIGN TEXT AND SIZES SEE SIGN DATA SHEETS.
- REFER TO PERMANENT PAVEMENT MARKING NOTES ON DWG. GN-1 OG.



LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
(+)	NEW SIGN LOCATION NUMBER TEXT NUMBER
(-)	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
(L)	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
(R)	TO REMAIN

**LEGEND**  
 - METHACRYLATE AREA MARKING, ITEM 688.0502--70



NO. DATE	BY	REVISION	
<b>Barton &amp; Loguidice, P.C.</b> EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46			
SIGNING & PAVEMENT MARKING PLAN STA. U 10+00 TO STA. U 13+50 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING: SPM-1			

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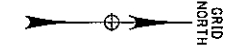
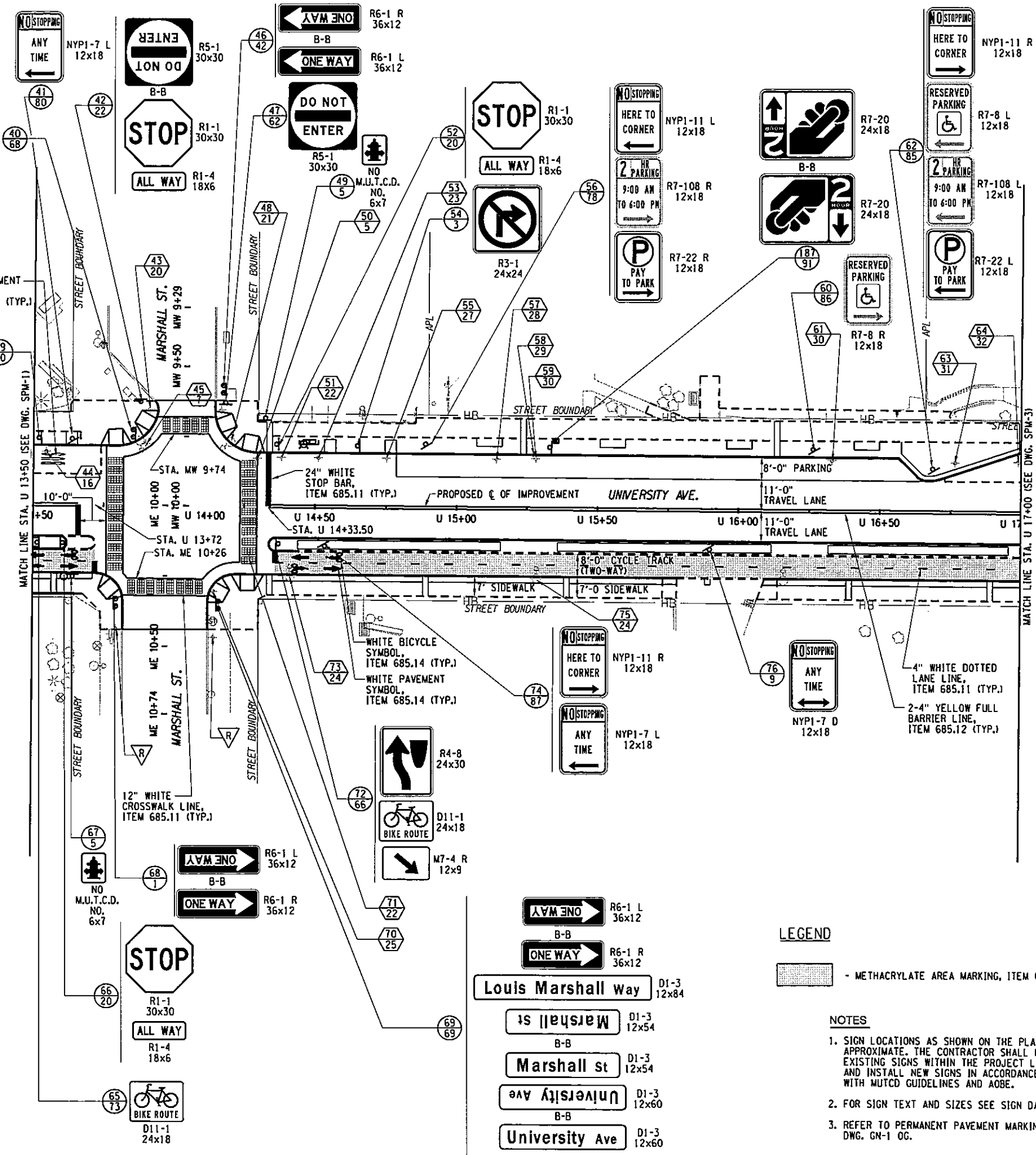
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IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJZ DRAFTED BY PJZ CHECKED BY GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

- R6-1 R 36x12 ONE WAY
- R6-1 L 36x12 ONE WAY
- D1-3 12x84 Louis Marshall Way
- D1-3 12x48 Marshall st
- D1-3 12x48 Marshall st
- D1-3 12x60 University Ave
- D1-3 12x60 University Ave

- WHITE PAVEMENT LETTERS, ITEM 685.13 (TYP.)
- NO M.U.T.C.D. NO. 10x18
- CONNECTIVE CORRIDOR STOP
- NO M.U.T.C.D. NO. 16
- CAMPUS BUS STOP
- NO M.U.T.C.D. NO. 11x14



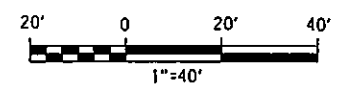
LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
(Symbol: Circle with crosshair)	NEW SIGN LOCATION NUMBER
(Symbol: Circle with 'L')	SIGN REMOVAL LOCATION NUMBER
(Symbol: Circle with 'R')	RELOCATE SIGN LOCATION NUMBER
(Symbol: Triangle with 'R')	TO REMAIN

LEGEND

(Symbol: Dotted pattern) - METHACRYLATE AREA MARKING, ITEM 688.0502--70

NOTES

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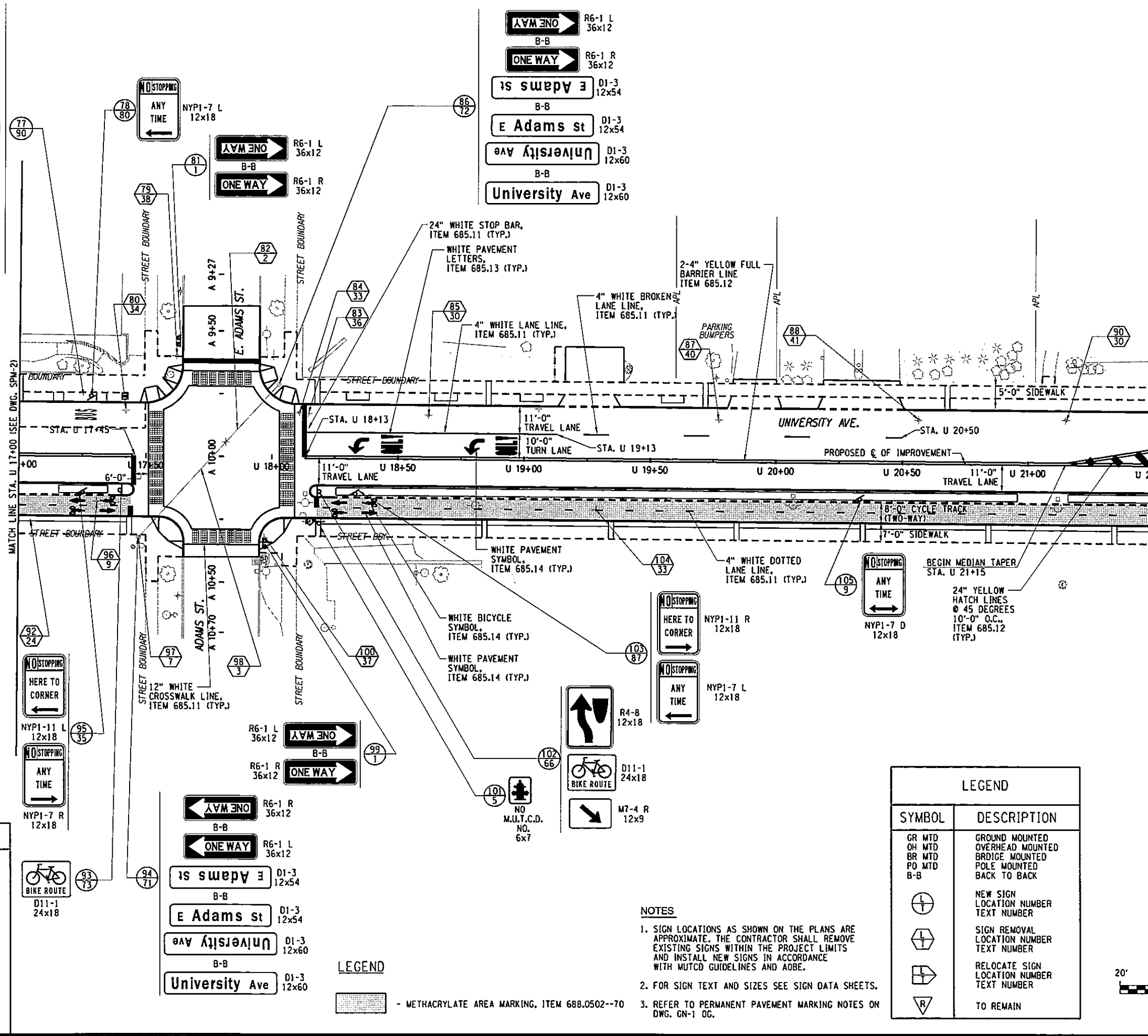


102 127
UNIVERSITY OF SYRACUSE <small>FOUNDED 1828</small> <small>SYRACUSE, NEW YORK</small> <small>STATE COLLEGE</small> <small>1848</small>
 <b>Barton &amp; Loguidice, P.C.</b>
<small>UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7208</small>
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46
SIGNING & PAVEMENT MARKING PLAN STA. U 13+50 TO STA. U 17+00 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING SPM-2

IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJZ DRAFTED BY PJZ CHECKED BY GRW

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

- NO M.U.T.C.D. NO. 10x18
- CONNECTIVE CORRIDOR STOP
- CAMPUS BUS STOP
- NO M.U.T.C.D. NO. 11x14

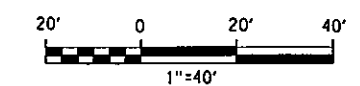


- R6-1 R 36x12
- R6-1 L 36x12
- D1-3 12x54
- D1-3 12x54
- D1-3 12x60
- D1-3 12x60

- LEGEND**
- METHACRYLATE AREA MARKING, ITEM 688.0502--70

- NOTES**
1. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL REMOVE EXISTING SIGNS WITHIN THE PROJECT LIMITS AND INSTALL NEW SIGNS IN ACCORDANCE WITH MUTCD GUIDELINES AND ADOBE.
  2. FOR SIGN TEXT AND SIZES SEE SIGN DATA SHEETS.
  3. REFER TO PERMANENT PAVEMENT MARKING NOTES ON DWG. GN-1 0G.

LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN



103  
127

HILSON  
DIRS

UNIVERSITY OF SYRACUSE  
FOUNDED 1828

**Barton & Loguidice, P.C.**

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EAST GENESEE STREET  
CONNECTIVE CORRIDOR

CITY OF SYRACUSE

ONONDAGA COUNTY

CONTRACT 1

P.I.N. 3754.46

SIGNING & PAVEMENT MARKING PLAN

STA. U 17+00 TO STA. U 21+50

SCALE: 1"=40'

DATE ISSUED: 4/2011

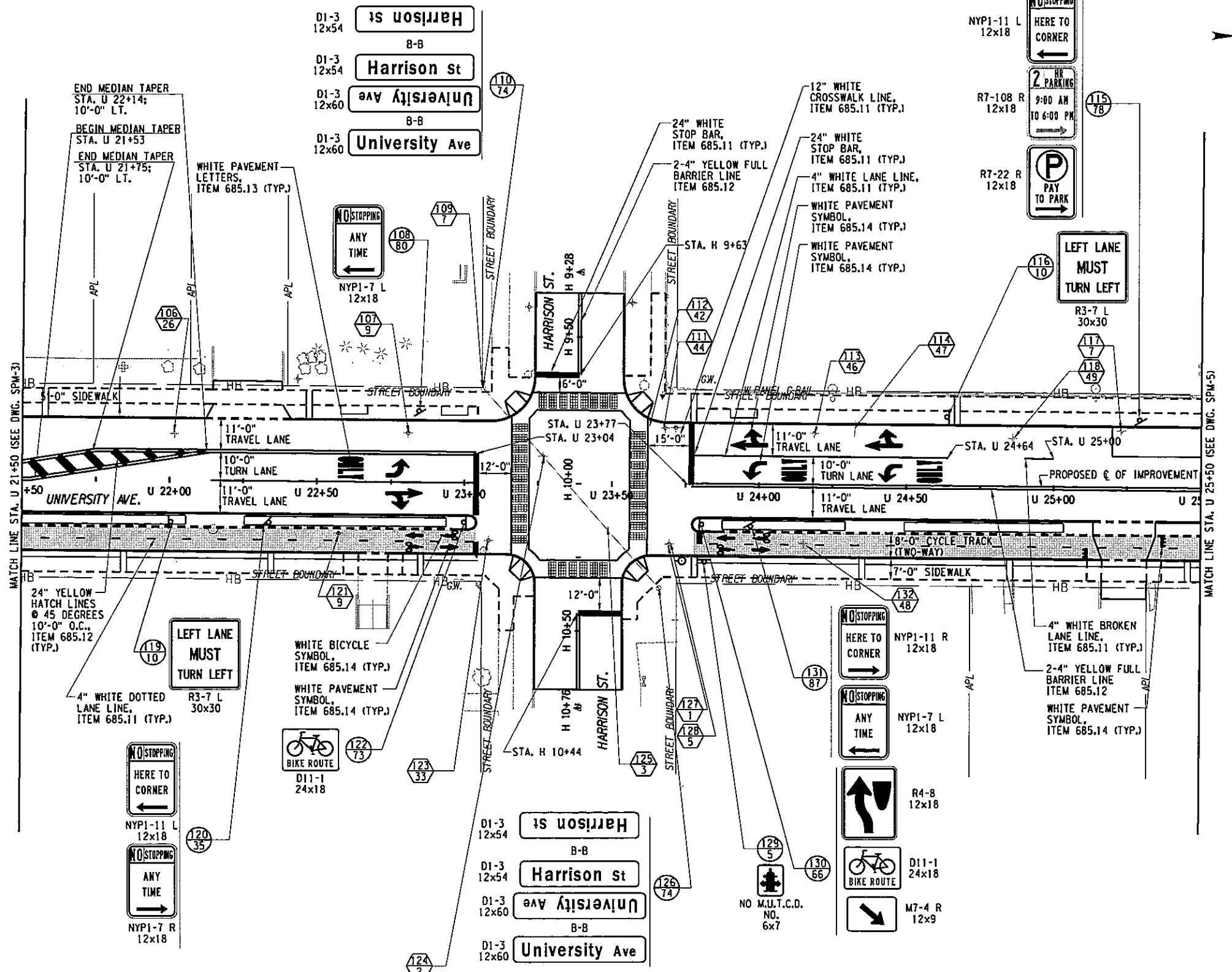
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LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
(Symbol: Circle with crosshair)	NEW SIGN LOCATION NUMBER TEXT NUMBER
(Symbol: Square with crosshair)	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
(Symbol: Square with arrow)	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
(Symbol: Square with 'R')	TO REMAIN



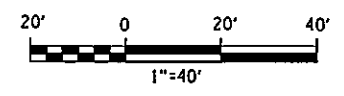
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

LEGEND

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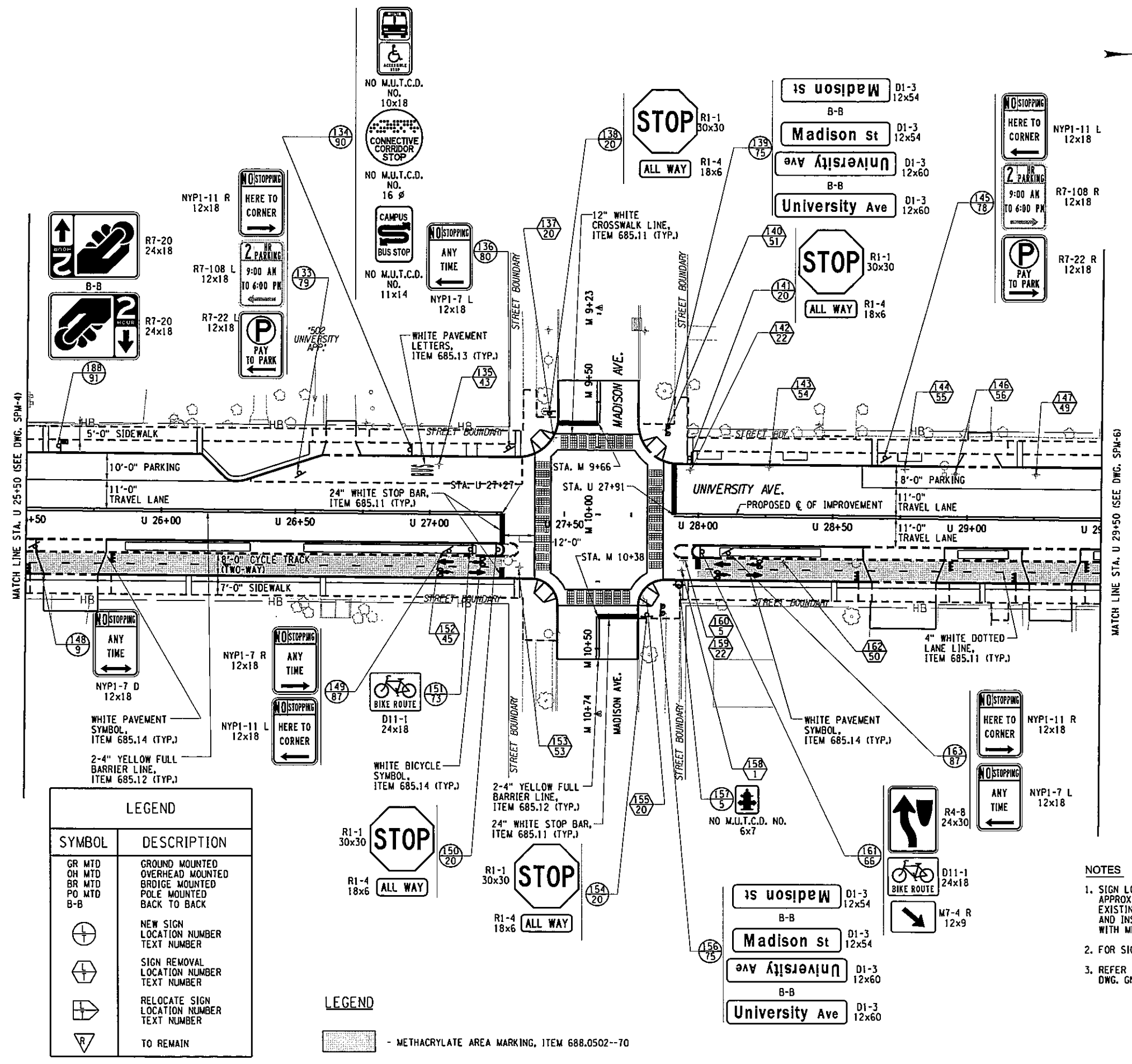
NOTES

- SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL REMOVE EXISTING SIGNS WITHIN THE PROJECT LIMITS AND INSTALL NEW SIGNS IN ACCORDANCE WITH MUTCD GUIDELINES AND ADOBE.
- FOR SIGN TEXT AND SIZES SEE SIGN DATA SHEETS.
- REFER TO PERMANENT PAVEMENT MARKING NOTES ON DWG. GN-1 OG.



104 127	
NO. DATE	BY REVISION
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
SIGNING & PAVEMENT MARKING PLAN STA. U 21+50 TO STA. U 25+50 SCALE: 1"=40' DATE ISSUED: 4/2011 DRAWING: SPM-4	

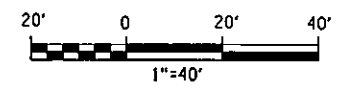
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011



LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
(Symbol: Circle with cross)	NEW SIGN LOCATION NUMBER TEXT NUMBER
(Symbol: Circle with slash)	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
(Symbol: Circle with arrow)	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
(Symbol: Triangle with R)	TO REMAIN

LEGEND  
 - METHACRYLATE AREA MARKING, ITEM 688.0502--70

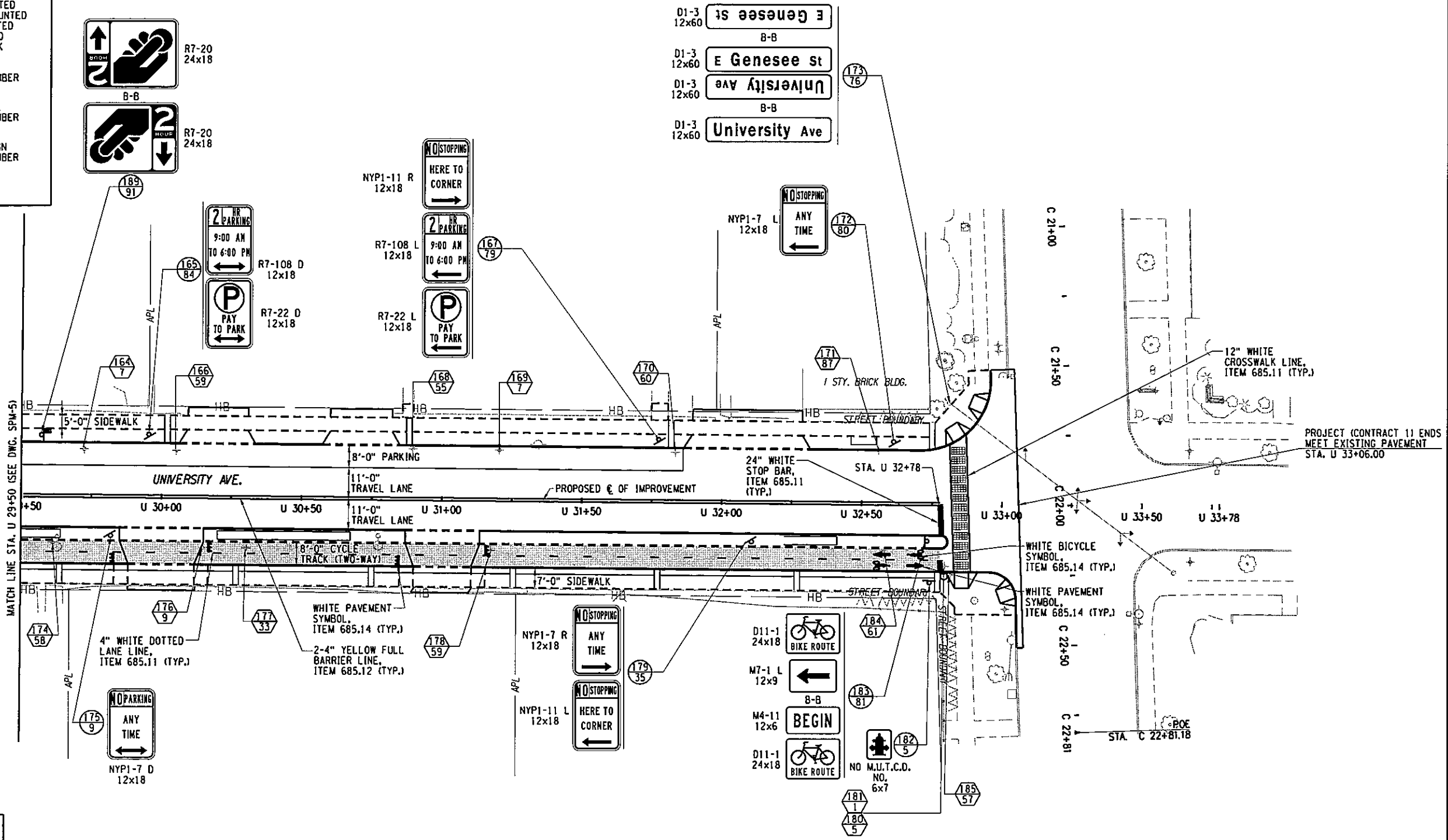
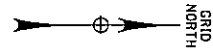
- NOTES
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105		127	
NO. DATE	BY	REVISION	
EAST GENESEE STREET CONNECTIVE CORRIDOR		CITY OF SYRACUSE	
ONONDAGA COUNTY		P.I.N. 3754.46	
CONTRACT 1		SIGNING & PAVEMENT MARKING PLAN	
STA. U 25+50 TO STA. U 29+50		SCALE: 1"=40'	
DATE ISSUED: 4/2011		DRAWING	
		SPM-5	

IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJJ DRAFTED BY PJJ CHECKED BY GRW

LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
⊕	NEW SIGN LOCATION NUMBER TEXT NUMBER
⊖	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
⊞	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
⊟	TO REMAIN



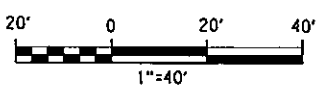
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

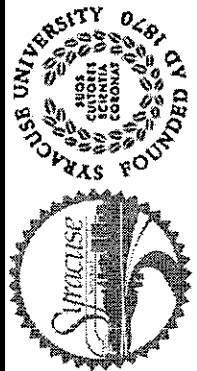
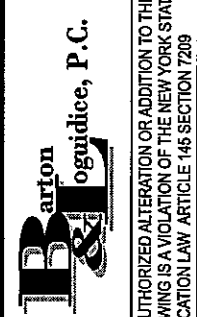
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■ - METHACRYLATE AREA MARKING, ITEM 688.0502--70










NOTES





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106	
127	
NO. DATE	REVISION
	
	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
SIGNING & PAVEMENT MARKING PLAN STA. U 29+50 TO STA. U 33+66 SCALE: 1" = 40' DATE ISSUED: 4/2011 DRAWING SPM-6	

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
1	23	647.01	1 EA	2 EA		R6-1 L	PO MTD
	127,158,181	647.01	1 EA	6 EA		36x12 B-B	R6-1 R
	68,81,99	645.5102	6 SF	18 SF			
		645.81	1 EA	6 EA	36x12		
2	1,82,124	647.18	1 EA	3 EA		R3-2	OH MTD
3	5,98,125	647.18	1 EA	3 EA		R3-1	OH MTD
		645.5202	4 SF	4 SF			24x24
		54	645.81	1 EA	1 EA		
4	2	647.18	1 EA	1 EA		R3-5 L	OH MTD
5	19,38,50 128,160,180	647.01	1 EA	6 EA		NO M.U.T.C.D. NUMBER	GR MTD
	10,24,49,67, 101,129,157,182	645.5101	0.30 SF	2.4 SF			GR MTD
		645.81	1 EA	8 EA			
6	25	647.01	1 EA	1 EA		R10-6 R	GR MTD
7	14,45,117,164,169	647.01	1 EA	5 EA		R6-1 L	GR MTD
	97,109	647.01	1 EA	2 EA			PO MTD

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT	
8		647.01	1 EA	6 EA		D1-3	PO MTD	
		54x12 B-B				D1-3		
			645.5102	6 SF	18 SF			D1-3
		645.81	1 EA	6 EA	36x12			
9		647.01	1 EA	1 EA		NYP1-7 D	PO MTD	
		27,29,34, 96,107,121,176	647.01	1 EA			7 EA	GR MTD
			32,76,105, 148,175	645.5101	1.5 SF	7.5 SF		
		645.81	1 EA	5 EA				
10		647.01	1 EA	1 EA		R3-7 L	GR MTD	
		116,119	645.5102	6.25 SF			12.5 SF	
			645.81	1 EA			2 EA	
11		647.01	1 EA	4 EA		R3-7 R	GR MTD	
								NYP1-11 L
						NYP1-8 R		
						R7-108 R		
12	13	647.01	1 EA	1 EA		NYP1-8 D	GR MTD	

LEGEND	
SYMBOL	DESCRIPTION
GR MTD OH MTD BR MTD PO MTD B-B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED POLE MOUNTED BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

- NOTES:
- SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL RELOCATE EXISTING SIGNS AND INSTALL NEW SIGNS IN ACCORDANCE WITH THE NATIONAL MUTCD AND NYS SUPPLEMENT.
  - THE PAYMENT FACTORS FOR SIGNS ARE FROM THE APPLICABLE STANDARD SHEETS OR SIGN FACE LAYOUTS.
  - THE PAYMENT FACTOR FOR POSTS IS THE NUMBER OF POSTS PROVIDED PER INSTALLATION.

NO.	DATE	BY	REVISION
107			
127			

UNIVERSITY OF SYRACUSE  
 SYRACUSE, NY  
 FOUNDED 1828

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

SIGN TEXT DATA

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 ST-1



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IN CHARGE OF JPD DESIGN BY GLE CHECKED BY CRW ESTIMATED BY CRW CHECKED BY GLE DRAFTED BY PJZ CHECKED BY PJZ GRW CHECKED BY GRW

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
13	15	647.02	1 EA	1 EA	54x32.5	NO M.U.T.C.D. NUMBER	GR MTD
14	31	647.11	1 EA	1 EA	34.5x21.5	NO M.U.T.C.D. NUMBER	GR MTD
15	33	647.11	1 EA	1 EA	34.5x21.5	NO M.U.T.C.D. NUMBER	GR MTD
16	37,44	647.01	1 EA	2 EA	36x36	W4-1	GR MTD
17	18	647.01	1 EA	2 EA	 12x18	NO M.U.T.C.D. NUMBER R7-108 L	GR MTD

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
18	21	647.01	1 EA	2 EA	 12x18	NO M.U.T.C.D. NUMBER R7-108 R	GR MTD
19	20	647.01	1 EA	3 EA	  12x18	NYP1-11 R NYP1-8 L R7-108 L	GR MTD
20	43,137,155	647.01	1 EA	6 EA	30x30 18x6	R1-1 R1-4	GR MTD
		645.5202	7 SF	42 SF			
		645.81	1 EA	6 EA			
21	48	647.01	1 EA	3 EA	  16 ø	R6-1 R R6-1 L NO M.U.T.C.D. NUMBER	PO MTD
22	51,71,142,159	647.01	1 EA	12 EA	30x30 B-B	R5-1	GR MTD
		645.5202	13.25 SF	13.25 SF	30x30 18x6	R1-1	
		6545.81	1 EA	1 EA		R1-4	

LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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108 127	
NO. DATE	REVISION
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
SIGN TEXT DATA	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
ST-2	

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT	TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
23	53	647.01	1 EA	2 EA		NYP1-11 L	GR MTD	26	106	647.01	1 EA	3 EA		NYP1-11 R	GR MTD
24	73,75,92	647.01	1 EA	3 EA		NO M.U.T.C.D. NUMBER	PO MTD	27	55	647.01	1 EA	3 EA		NO M.U.T.C.D. NUMBER	GR MTD
25	70	647.01	1 EA	9 EA		R6-1 R R6-1 L R6-1 L R6-1 R D1-3 D1-3 D1-3 D1-3	GR MTD	28	57	647.01	1 EA	2 EA		NO M.U.T.C.D. NUMBER	GR MTD
								29	58	647.01	1 EA	2 EA		NYP1-7 R R7-108 L	GR MTD
														NYP1-7 L R7-108 R	GR MTD

LEGEND	
SYMBOL	DESCRIPTION
GR MTD OH MTD BR MTD PO MTD B-B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED POLE MOUNTED BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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109  
127

NO. DATE BY REVISION

UNIVERSITY OF THE STATE OF SYRACUSE  
 COLLEGE OF DISTANCE EDUCATION  
 SYRACUSE, NY 13244-2100

**Barton & Loguidice, P.C.**

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

SIGN TEXT DATA

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 DATE ISSUED: 4/2011  
 DRAWING  
 ST-3

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IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY P.J.Z DRAFTED BY P.J.Z CHECKED BY GRW

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
30	59,61,85,90	647.01	1 EA	8 EA	 18x24  18x24	NO M.U.T.C.D. NUMBER	GR MTD
31	63	647.01	1 EA	2 EA	 12x18  12x18	R7-8 R  NO M.U.T.C.D. NUMBER	GR MTD
32	64	647.01	1 EA	3 EA	 12x18  12x18  12x18	NO M.U.T.C.D. NUMBER  R7-108 L  R7-8 L	GR MTD
33	84,104,123,177	647.01	1 EA	4 EA		R6-1 R	GR MTD

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
34	80	647.01	1 EA	2 EA	 12x18  12x18	NYP1-11 R  NO M.U.T.C.D. NUMBER	GR MTD
35	36,95,120	645.5101	3 SF	15 SF	 12x18  12x18	NYP1-7 L  NYP1-11 R	GR MTD
36	83	647.01	1 EA	4 EA	 11x14  12x18  12x18  12x18	NO M.U.T.C.D. NUMBER  NYP1-11 L  R7-108 R  NO M.U.T.C.D. NUMBER	GR MTD
37	100	647.01	1 EA	3 EA	 36x12  60x12  60x12	R6-1 R  D1-3  D1-3	GR MTD
38	79	647.01	1 EA	3 EA	 48x12  B-B  36x12	D1-3  R6-1 R  R6-1 L	GR MTD

LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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110	127
NO. DATE BY REVISION	
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46	
SIGN TEXT DATA	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
ST-4	

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IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJZ DRAFTED BY PJZ CHECKED BY GRW

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT								
40	87	647.01	1 EA	3 EA	  	NYP1-7 R  R7-108 L  NO M.U.T.C.D. NUMBER	GR MTD								
								41	88	647.01	1 EA	3 EA	  	NYP1-11 L  R7-108 R  NO M.U.T.C.D. NUMBER	GR MTD
46	645.102	6 SF	6 SF	645.81	1 EA	2 EA									

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT								
43	135	647.01	1 EA	2 EA	 	NYP1-11 R  R7-108 L	GR MTD								
44	111	647.01	1 EA	2 EA	 	NO M.U.T.C.D. NUMBER  NO M.U.T.C.D. NUMBER	GR MTD								
45	152	647.01	1 EA	2 EA	 	NYP1-11 L  R7-108 R	GR MTD								
46	113	647.01	1 EA	3 EA	  	NYP1-11 L  R7-108 R  R7-203	GR MTD								
								47	114	647.02	1 EA	1 EA	 	NO M.U.T.C.D. NUMBER  NO M.U.T.C.D. NUMBER	GR MTD

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

111  
127

NO. DATE BY REVISION






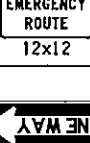




SYRACUSE UNIVERSITY  
 FOUNDED 1828  
 SYRACUSE, NY












Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

SIGN TEXT DATA

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 ST-5





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48	132	647.01	1 EA	2 EA	 12x18  12x18	NYP1-11 R  NO M.U.T.C.D. NUMBER	GR MTD
49	118,147	647.01	1 EA	2 EA	 12x18	NO M.U.T.C.D. NUMBER	GR MTD
50	162	647.01	1 EA	3 EA	 12x18  12x18  12x12	NYP1-11 R  NO M.U.T.C.D. NUMBER  R7-203	GR MTD
51	140	647.01	1 EA	4 EA	 36x12 B-B  36x12  60x12 B-B  60x12	R6-1 R  R6-1 L  D1-3  D1-3	GR MTD

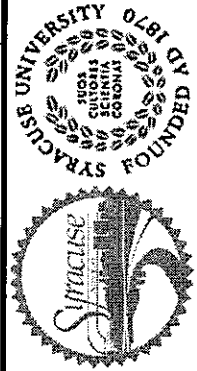
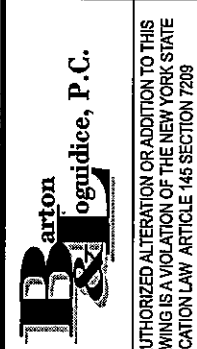
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53	153	647.01	1 EA	4 EA	 36x12 B-B  36x12  60x12 B-B  60x12	R6-1 L  R6-1 R  D1-3  D1-3	GR MTD
54	143	647.01	1 EA	4 EA	 12x18  12x18  12x12  11x14	NYP1-11 L  NYP1-11 R  R7-203  NO M.U.T.C.D. NUMBER	GR MTD
55	144,168	647.01	1 EA	2 EA	 12x18  12x18	NYP1-11 L  NO M.U.T.C.D. NUMBER	GR MTD
56	146	647.01	1 EA	1 EA	 12x18	NO M.U.T.C.D. NUMBER	GR MTD

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011









NOTES:






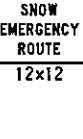



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LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

112	127
NO. DATE	REVISION
 SYRACUSE UNIVERSITY FOUNDED 1820 SYRACUSE, NY 13244-3000	
 Barton & Loguidice, P.C. UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE ONONDAGA COUNTY
CONTRACT 1	P.I.N. 3754.46
SIGN TEXT DATA	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
ST-6	





IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJZ DRAFTED BY PJZ CHECKED BY GRW

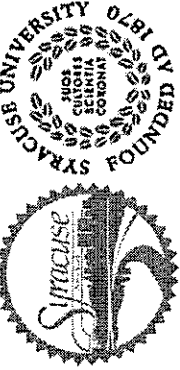

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
57	185	647.01	1 EA	4 EA	   	D1-3 D1-3 D1-3 D1-3	GR MTD
58	174	647.01	1 EA	2 EA	 	NYP1-7 L NO M.U.T.C.D. NUMBER	GR MTD
59	166,178	647.01	1 EA	2 EA	 	NYP1-7 R NO M.U.T.C.D. NUMBER	GR MTD

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
60	170	647.01	1 EA	3 EA	  	NYP1-7 R NO M.U.T.C.D. NUMBER NO M.U.T.C.D. NUMBER	GR MTD
61	184	647.01	1 EA	3 EA	  	NYP1-11 L NO M.U.T.C.D. NUMBER R7-203	GR MTD
62	47	645.5202	6.25 SF	6.25 SF		R5-1	GR MTD
		645.81	1 EA	1 EA			
64	6	645.5102	3.75 SF	3.75 SF	 	D11-1 M7-1 L	GR MTD
		645.81	1 EA	1 EA			

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011






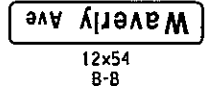
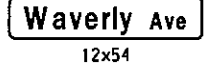
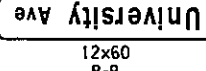

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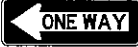
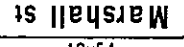


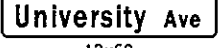


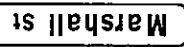

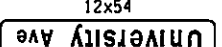
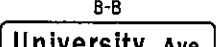


LEGEND	
SYMBOL	DESCRIPTION
GR MTD OH MTD BR MTD PO MTD B-B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED POLE MOUNTED BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN





NO. DATE	BY	REVISION
		
		
EAST GENESEE STREET CONNECTIVE CORRIDOR CITY OF SYRACUSE ONONDAGA COUNTY CONTRACT 1 P.I.N. 3754.46		
SIGN TEXT DATA		
SCALE: NONE		
DATE ISSUED: 4/2011		
DRAWING		
ST-7		

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 DATE = 5/10/2011  
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IN CHARGE OF JPD DESIGN BY GLE CHECKED BY GRW ESTIMATED BY GLE CHECKED BY PJZ DRAFTED BY PJZ CHECKED BY GRW

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
65	22	645.5102	3.75 SF	3.75 SF	 BIKE ROUTE 24x18  12x9	011-1	GR MTD
		645.81	1 EA	1 EA		M7-1	
66	26,72,102,130,161	645.5102	8.75 SF	43.75 SF	 24x30  BIKE ROUTE 24x18  12x9	R4-8	GR MTD
		645.81	1 EA	5 EA		D11-1	
		645.81	1 EA	5 EA		M7-4 R	
67	8	645.5102	19 SF	19 SF	 Waverly Ave 12x54 B-B  Waverly Ave 12x54  University Ave 12x60 B-B  University Ave 12x60	D1-3 D1-3 D1-3 D1-3	PO MTD

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
68	40	645.5102	32 SF	32 SF	 36x12 B-B  36x12 Louis Marshall Way 12x84  Marshall St 12x54 B-B  Marshall St 12x54  University Ave 12x60 B-B  University Ave 12x60	R6-1 R R6-1 L D1-3 D1-3 D1-3 D1-3	GR MTD
		645.81	1 EA	1 EA		D1-3	
69	69	645.5102	32 SF	32 SF	 36x12 B-B  36x12 Louis Marshall Way 12x84  Marshall St 12x54 B-B  Marshall St 12x54  University Ave 12x60 B-B  University Ave 12x60	R6-1 L R6-1 R D1-3 D1-3 D1-3 D1-3	GR MTD
		645.81	1 EA	1 EA		D1-3	
70	12	645.5102	12.5 SF	12.5 SF	 LEFT LANE MUST TURN LEFT 30x30  RIGHT LANE MUST TURN RIGHT 30x30	R3-7 L R3-7 R	GR MTD
		645.81	1 EA	2 EA		D1-3	

LEGEND	
SYMBOL	DESCRIPTION
GR MTD OH MTD BR MTD PO MTD B-B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED POLE MOUNTED BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

- NOTES:
- SIGN LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL RELOCATE EXISTING SIGNS AND INSTALL NEW SIGNS IN ACCORDANCE WITH THE NATIONAL MUTCD AND NYS SUPPLEMENT.
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  - THE PAYMENT FACTOR FOR POSTS IS THE NUMBER OF POSTS PROVIDED PER INSTALLATION.
  - PROPOSED STREET NAME SIGNS (D1-3) WILL HAVE A BLACK BACKGROUND WITH WHITE FRANKLIN GOTHIC MEDIUM FONT.

NO.	DATE	BY	REVISION
114			
127			

SYRACUSE UNIVERSITY  
 FOUNDED 1828  
 SYRACUSE, NY



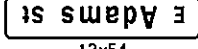
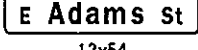
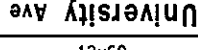



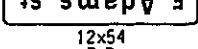
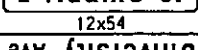
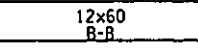
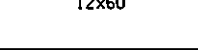

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

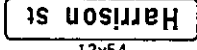
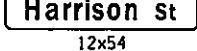
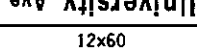
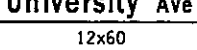
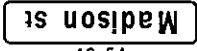
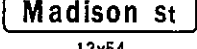
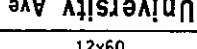
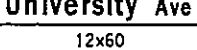

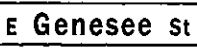
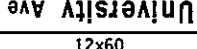
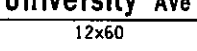




UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7208





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SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 ST-8



TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
71	94	645.5102	25 SF	25 SF	 36x12 B-B  36x12  12x54 B-B  12x54  12x60 B-B  12x60	R6-1 R R6-1 L D1-3 D1-3 D1-3 D1-3	PO MTD
72	86	645.5102	25 SF	25 SF	 36x12 B-B  36x12  12x54 B-B  12x54  12x60 B-B  12x60	R6-1 L R6-1 R D1-3 D1-3 D1-3	PO MTD
73	65,93,122,151	645.5102	3 SF	12 SF	 24x18	D11-1	GR MTD
		645.81	1 EA	4 EA			

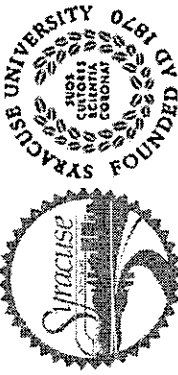
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74	110,126	645.5102	19 SF	38 SF	 12x54 B-B  12x54  12x60 B-B  12x60	D1-3 D1-3 D1-3 D1-3	PO MTD
75	139,156	645.5102	19 SF	38 SF	 12x54 B-B  12x54  12x60 B-B  12x60	D1-3 D1-3 D1-3 D1-3	GR MTD
76	173	645.5102	20 SF	20 SF	 12x60 B-B  12x60  12x60 B-B  12x60	D1-3 D1-3 D1-3 D1-3	PO MTD
77	11	645.5101	6 SF	6 SF	 12x18  12x18  12x18  12x18	NYP1-11 L NYP1-8 R R7-108 R R7-22 R	GR MTD

LEGEND	
SYMBOL	DESCRIPTION
GR MTD OH MTD BR MTD PO MTD B-B	GROUND MOUNTED OVERHEAD MOUNTED BRIDGE MOUNTED POLE MOUNTED BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

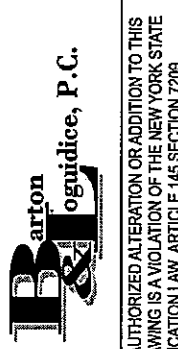
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

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NO.	DATE	BY	REVISION



SYRACUSE UNIVERSITY  
 FOUNDED 1828  
 OFFICE OF THE CHANCELLOR  
 100 COLLEGE CAMPUS  
 SYRACUSE, NY 13244-1000



**Barton & Loguidice, P.C.**  
 ARCHITECTS & ENGINEERS  
 100 EAST GENESEE STREET  
 SYRACUSE, NY 13202








UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209













EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY	P.I.N. 3754.46
CONTRACT 1			

SIGN TEXT DATA

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING  
 ST-9





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TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
78	56,115,145	645.5101	4.5 SF	13.5 SF	  	NYP1-11 L	GR MTD
		645.81	1 EA	3 EA		R7-108 R	
79	133,167	645.5101	4.5 SF	9 SF	  	NYP1-11 R	GR MTD
		645.81	1 EA	2 EA		R7-108 L	
80	41,78,108,136,172	645.5101	1.5 SF	7.5 SF		NYP1-7L	GR MTD
		645.81	1 EA	5 EA			

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
81	183	645.5102	7.25 SF	7.25 SF	   	D11-1	GR MTD
		645.81	1 EA	1 EA		M7-1 L	
82	16	645.5101	6 SF	6 SF	   	NO M.U.T.C.D. NO.	GR MTD
		645.81	1 EA	1 EA		NYP1-8 L	
83	17	645.5101	3 SF	3 SF	 	NYP1-11 R	GR MTD
		645.81	1 EA	1 EA		NO M.U.T.C.D. NO.	
84	165	645.5101	3 SF	3 SF	 	R7-108 D	GR MTD
		645.81	1 EA	1 EA		R7-22 D	

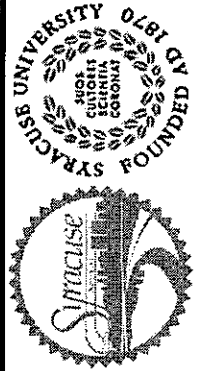
PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

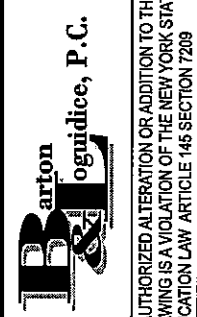
- NOTES:
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LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

116  
127

NO. DATE BY REVISION

  
 SYRACUSE UNIVERSITY  
 FOUNDED 1828  
 UNIVERSITY OF THE FUTURE

  
 Barton & Loguidice, P.C.

EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

SIGN TEXT DATA  
 SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING ST-10

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 146 SECTION 7209

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
85	62	645.5101	6 SF	6 SF	   	NYP1-11 R	GR MTD
		645.81	1 EA	1 EA		R7-8 L	
		645.81	1 EA	1 EA		R7-108 L	
86	60	645.5101	1.5 SF	1.5 SF		R7-22 L	GR MTD
		645.81	1 EA	1 EA		R7-8 R	
87	171	647.01	1 EA	2 EA	 	NYP1-11 R	GR MTD
		645.5101	3 SF	15 SF		NYP1-7L	
		645.81	1 EA	7 EA			

TEXT NUMBER	LOCATION NUMBER	ITEM NUMBER	PAYMENT FACTOR	TOTAL QUANTITY	TEXT WxH (IN)	M.U.T.C.D. NUMBER	MOUNT
88	4	647.18	1 EA	1 EA		R10-11A	OH MTD
89	3	647.18	1 EA	1 EA		R3-5R	OH MTD
90	39,77,134	645.5101	3.7 SF	11.1 SF	  	NO M.U.T.C.D. NUMBER	GR MTD
		645.81	1 EA	3 EA		NO M.U.T.C.D. NUMBER	
91	186,187,188,189	645.5102	6 SF	24 SF	 	R7-20	GR MTD
		645.81	1 EA	4 EA		R7-20	

PREPARED BY: BARTON & LOGUIDICE, P.C.  
 ON: APR. 2011

- NOTES:
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LEGEND	
SYMBOL	DESCRIPTION
GR MTD	GROUND MOUNTED
OH MTD	OVERHEAD MOUNTED
BR MTD	BRIDGE MOUNTED
PO MTD	POLE MOUNTED
B-B	BACK TO BACK
	NEW SIGN LOCATION NUMBER TEXT NUMBER
	SIGN REMOVAL LOCATION NUMBER TEXT NUMBER
	RELOCATE SIGN LOCATION NUMBER TEXT NUMBER
	TO REMAIN

117	127
NO. DATE	REVISION
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET	P.I.N. 3754.46
CONNECTIVE CORRIDOR	
CITY OF SYRACUSE	
ONONDAGA COUNTY	
CONTRACT 1	
SIGN TEXT DATA	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
ST-11	

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GENERAL SIGNAL NOTES:

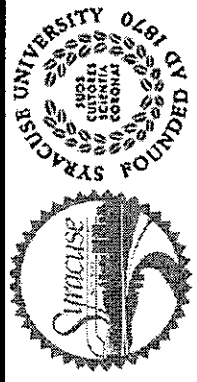
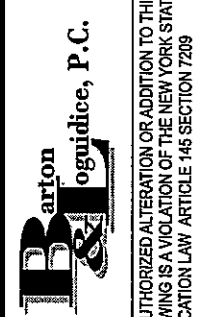
1. ALL TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH NEW YORK STATE STANDARD SHEETS 680-1 THRU 680-17 INCLUSIVE, AS APPLICABLE, EXCEPT AS MODIFIED BELOW OR IN THE CONTRACT PLANS.
2. ALL TRAFFIC SIGNAL ITEMS SHALL MEET THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED MAY 1, 2008 AS AMENDED WITH ALL CURRENT ADDENDA, UNLESS OTHERWISE STATED IN THE CONTRACT PLANS.
3. WHERE NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (N.E.M.A.) SPECIFICATION EQUIPMENT IS TO BE INSTALLED, SUCH EQUIPMENT SHALL MEET ALL REQUIREMENTS OF N.E.M.A. SPECIFICATION NUMBER TS1-1989 AS AMENDED.
4. UPON COMPLETION OF WORK AT ANY INTERSECTION, CITY OF SYRACUSE PERSONNEL WILL PERFORM AN INSPECTION OF THE SIGNAL SYSTEM. AT THE TIME OF INSPECTION, THE CONTRACTOR SHALL UNBAG THE NEW SIGNAL HEADS AND SHALL PROVIDE ACCESS TO ALL PULLBOXES FOR INSPECTION PURPOSES. THE CONTRACTOR SHALL BE NOTIFIED OF ANY DEFECTS FOUND DURING THE INSPECTION, AND WILL MAKE THE NECESSARY CORRECTIONS BEFORE THE INSPECTION WILL BE ACCEPTED. THE CONTRACTOR SHALL PROVIDE SUFFICIENT PERSONNEL AND TRAFFIC CONTROL DEVICES TO SAFELY MAINTAIN TRAFFIC THROUGH THE INTERSECTION WHILE THE INSPECTION IS BEING PERFORMED. THE SIGNAL HEADS SHALL BE REBAGGED SHOULD THE INSPECTION FAIL.
5. THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN EACH SIGNAL IN CONTINUOUS OPERATION AS SPECIFIED BY THE TABLE OF OPERATIONS FOR 30 DAYS BEFORE FINAL ACCEPTANCE IS GRANTED.
6. THE CONTRACTOR WILL NOT BE PERMITTED TO CLOSE DOWN ANY TRAFFIC LANES DURING PEAK HOURS (7AM-9AM AND 4PM-7PM), AND AS OTHERWISE NOTED, UNLESS WRITTEN PERMISSION IS GRANTED IN ADVANCE FROM CITY OF SYRACUSE.
7. CONSTRUCTION SIGNS SHALL BE INSTALLED ON ALL LEGS OF AN INTERSECTION WHILE THE CONTRACTOR IS WORKING AT THAT INTERSECTION. WORK ZONE TRAFFIC CONTROL (WZTC) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 619 OF THE NEW YORK STATE STANDARD SPECIFICATIONS (U.S. CUSTOMARY UNITS) DATED MAY 1, 2008 INCLUDING ALL CURRENT ADDENDA AS TRANSMITTED BY E1 07-006, THE 2009 NATIONAL MUTCD INCLUDING REVISION 1 AND THE NEW YORK STATE SUPPLEMENTS (ADOPTED RULE AND PROPOSED RULE), STANDARD SPECIFICATION 729 AS PROVIDED BY E1 07-001, STANDARD SPECIFICATION 730 AS PROVIDED BY E1 07-004, STANDARD SPECIFICATION 704-05 AS PROVIDED BY E1 07-005, AND THE WZTC DETAILS IN THE PLANS AND PROPOSAL, OR ABE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 619.01 - BASIC WORK ZONE TRAFFIC CONTROL.
8. THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A TRAFFIC SIGNAL SHALL INCLUDE MAINTAINING VEHICLE DETECTORS ON A VEHICLE ACTUATED INSTALLATION. IF A VEHICLE DETECTOR BECOMES INOPERATIVE, THE CONTRACTOR SHALL REPAIR IT, REPLACE IT, OR, IF A NEW COMPATIBLE DETECTOR IS CALLED FOR IN THE PLANS, THE CONTRACTOR MAY, WITH THE PERMISSION OF THE E.I.C., CONNECT THE NEW DETECTOR INTO THE EXISTING SYSTEM.
9. CITY OF SYRACUSE SHALL HAVE MAINTENANCE JURISDICTION OVER ALL SIGNALS IN THIS CONTRACT UPON COMPLETION OF THEIR INSTALLATION AND OFFICIAL ACCEPTANCE.
10. NORMALLY GEOMETRIC IMPROVEMENTS AT A SIGNALIZED INTERSECTION ARE AN INTEGRAL PART OF THE SIGNAL DESIGN. THEREFORE THIS WORK SHALL NOT BE COMPLETED BEFORE THE NEW SIGNAL IS IN PLACE. ALL SIGNAL IMPROVEMENTS SHOWN ON THE PLANS, INCLUDING LANE DESIGNATION SIGNS, TURNING LANES, CHANNELIZATION, PAVEMENT MARKINGS, ETC., SHALL BE IN PLACE BEFORE THE NEW SIGNAL SYSTEM IS PLACED INTO OPERATION. THE CONTRACTOR SHALL WORK WITH THE E.I.C. AND THE CITY OF SYRACUSE TO COORDINATE THESE OPERATIONS.
11. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY THAT WILL BE SUPPLYING POWER TO TRAFFIC SIGNAL EQUIPMENT AT THE INTERSECTION WITHIN 30 DAYS OF THE CONTRACT AWARD. THE CONTRACTOR SHALL MEET ALL REQUIREMENTS OF THE NEW YORK BOARD OF FIRE UNDERWRITERS IN THEIR SIGNAL INSTALLATIONS AND EACH INSTALLATION MUST PASS A FIRE UNDERWRITER'S INSPECTION BEFORE SERVICE CONNECTION WILL BE MADE BY THE UTILITY COMPANY. THE COST OF THIS INSPECTION SHALL BE INCLUDED IN THE PRICE BID FOR THE VARIOUS TRAFFIC SIGNAL ITEMS.
12. THE LOCATIONS OF ALL UNDERGROUND OBJECTS HAVE NOT BEEN SHOWN ON THE PLANS. THE CONTRACTOR SHALL DETERMINE THE EXISTING CONDITIONS AND SUPPORT AND PROTECT ALL LINES ENCOUNTERED IN THE TRENCHING AND EXCAVATION OPERATIONS.
13. IF, AT ANY TIME DURING THE INSTALLATION OF THE POLES, IT IS DISCOVERED THAT THE MINIMUM CLEARANCES FROM PRIMARY AND/OR SECONDARY POWER CONDUCTORS AS REQUIRED BY SECTION 23 OF THE NATIONAL ELECTRICAL SAFETY CODE (ANSI STANDARD C2-1997) AND LOCAL UTILITY CODES CANNOT BE ACHIEVED, THE UTILITY COMPANY OWNING SUCH CONDUCTORS SHALL BE NOTIFIED IN WRITING OF THE PROBLEM. NO FURTHER WORK SHALL BE DONE UNTIL SAID POWER LINES HAVE BEEN RELOCATED TO PROVIDE THE PROPER CLEARANCES.
14. UNDER NO CONDITION SHALL THE CONTRACTOR MAKE HIS OWN SERVICE CONNECTION. ALL SERVICE CONNECTIONS SHALL BE MADE BY THE APPROPRIATE UTILITY COMPANY.
15. WHERE UNFORESEEN UNDERGROUND UTILITIES MAKE IT NECESSARY TO RELOCATE SIGNAL POLES MORE THAN 5.0 FEET FROM THEIR ORIGINAL LOCATIONS AS SHOWN ON THE CONTRACT PLANS, THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY AND ALTERNATE LOCATIONS WILL BE SUPPLIED BY THE DESIGNERS.
16. THE COST OF THE CONDUIT WITHIN THE POLE FOUNDATION SHALL BE INCLUDED IN THE PRICE BID FOR THE FOUNDATION; THE COST OF THE CONDUITS WITHIN A GROUND-MOUNTED CONTROLLER BASE SHALL BE INCLUDED IN THE PRICE BID FOR THE CONTROLLER BASE. ALL POLE BASES SHALL HAVE ONE UNUSED CONDUIT IN THE BASE WHICH WILL BE RUN TO THE NEAREST PULLBOX. THE COST OF THE CONDUIT BETWEEN THE BASE AND THE PULLBOX WILL BE PAID FOR UNDER THE APPROPRIATE CONDUIT ITEM.
17. WHERE ONE CONDUIT IS TOO SMALL TO PERMIT THE PASSAGE OF THE REQUIRED SIGNAL WIRING, TWO OR MORE CONDUITS SHALL BE USED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE NUMBER OF CONDUITS NEEDED.
18. INDIVIDUAL LENGTHS OF GALVANIZED STEEL CONDUIT SHALL BE CONNECTED TOGETHER WITH THREADED GALVANIZED STEEL COUPLINGS.
19. LEAD-INS FROM ALL LOOPS SHALL BE TAGGED OR DIAGRAMMED IN THE CONTROLLER CABINET TO IDENTIFY THE DETECTOR THAT THEY SERVE.
20. WHERE SOUND BEDROCK IS ENCOUNTERED DURING POLE EXCAVATION OPERATIONS, AND THE DEPTH OF SOIL OVER THE ROCK IS ONE-THIRD OR LESS THAN THE "MINIMUM EMBEDMENT" LENGTH GIVEN IN THE TABLE ON STANDARD SHEET 680-01, THEN THE FOOTING LENGTH MAY BE DECREASED SO AS TO PROVIDE AN EMBEDMENT INTO THE ROCK EQUAL TO THE FOOTING DIAMETER PLUS 2.0 FEET. FOR DEEPER OVERBURDENS, THE FOOTING LENGTH MAY BE DECREASED TO PROVIDE AN EMBEDMENT INTO THE ROCK EQUAL TO THE FOOTING DIAMETER. IF THE RESULTING DEPTH IS LESS THAN THE LENGTH OF THE ANCHOR BOLTS, THE CONTRACTOR SHALL EXCAVATE TO THE LENGTH OF THE ANCHOR BOLTS PLUS 6 INCHES.
21. WHERE CONDUIT IS TO BE PLACED UNDER THE ROADWAY, THE CONTRACTOR SHALL USE A 3" DIAMETER CONDUIT.

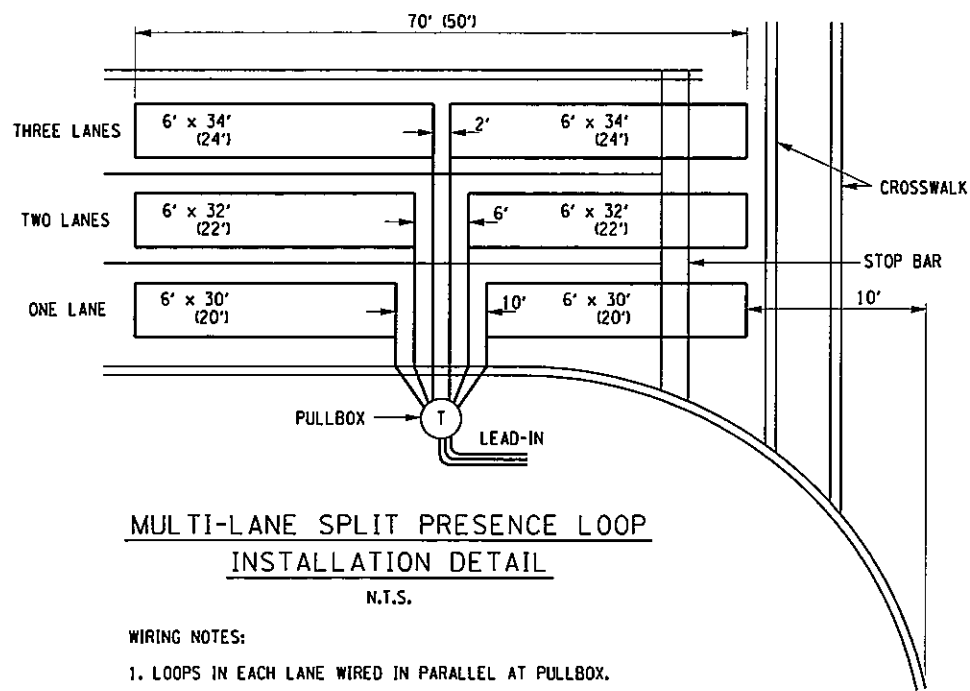
PREPARED BY: BARTON & LOGUIDICE, P.C.

22. FOR NEW ANCHOR BASE SIGNAL POLE INSTALLATIONS:
  - A. THE CONCRETE POLE FOUNDATION SHALL CURE FOR A MINIMUM OF 14 DAYS BEFORE THE SIGNAL POLE IS ERECTED, AND FOR A MINIMUM OF 28 DAYS BEFORE THE SPAN WIRE AND SIGNAL HEADS ARE INSTALLED.
  - B. THE COST OF THE ANCHOR BOLTS AND THE STEEL REINFORCING SHALL BE INCLUDED IN THE PRICE BID UNDER ITEM 680.5001 - POLE EXCAVATION AND CONCRETE FOUNDATION.
23. ALL ANCHOR BASE TRAFFIC SIGNAL SPAN WIRE, PEDESTRIAN SIGNAL HEAD, AND MAST ARM POLES SHALL BE EQUIPPED WITH ANCHOR BOLT COVERS.
24. ALL POLES SHALL BE EQUIPPED WITH A GROUNDING TERMINAL ACCESSIBLE THROUGH THE HANDHOLE IN THE POLE AS PER SECTION 724-03 OF THE STANDARD SPECIFICATIONS LOCATED ON THE OPPOSITE SIDE OF THE POLE FROM THE HANDHOLE. TERMINALS LOCATED ADJACENT TO THE HANDHOLE SHALL NOT BE ACCEPTABLE.
25. ALL TRAFFIC SIGNAL POLES SHALL BE INSTALLED SO THAT THE POLES SHALL HAVE A MINIMUM RAKE OF 1/4 OF THE DIAMETER OF THE SIGNAL POLE MEASURED AT ITS BASE AFTER LOADING.
26. ALL HOLES FOR L.B. CONDUITS, THIMBLE BOLTS, AND POLE-MOUNTED SIGNAL AND/OR PEDESTRIAN HEADS SHALL BE DRILLED. THE USE OF CUTTING TORCHES SHALL NOT BE PERMITTED UNLESS WRITTEN PERMISSION IS GRANTED IN ADVANCE BY THE ENGINEER.

GENERAL SIGNAL NOTES: CONTINUED

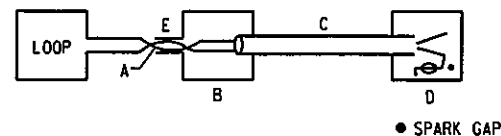
27. WHERE SIGNAL CABLE IS INSTALLED ON SPAN WIRE OR MESSENGER CABLE, IT SHALL BE SUPPORTED AT INTERVALS OF NOT GREATER THAN 15 INCHES BY COPPERWELD (COPPER COVERED STEEL) CABLE RINGS APPROVED BY THE ENGINEER. STEEL OR PLASTIC CABLE BANDS, OR TAPING WILL NOT BE PERMITTED.
28. THE LOCATION AND ORIENTATION OF THE POLE MOUNTED CONTROLLER SHALL BE BASED ON THE FOLLOWING:
  - A. PROVIDING ACCESS TO THE CONTROLLER FROM WITHIN THE RIGHT-OF-WAY.
  - B. PROVIDING PROTECTION TO THE CONTROLLER FROM SNOWPLOWS AND ERRANT VEHICLES.
  - C. PROVIDING VISIBILITY OF THE SIGNAL HEADS DURING MAINTENANCE OPERATIONS.
  - D. PREVENTING THE CONTROLLER FROM OVERHANGING THE SIDEWALK OR PRESENTING A HAZARD TO PEDESTRIANS.THE CABINET SHALL BE INSTALLED SO THAT THE BOTTOM OF THE CABINET IS 1.5 FEET ABOVE THE STANDING PAD.
29. EACH PHASE SHALL HAVE ITS OWN GROUND WIRE.
30. A CARD SHALL BE PLACED ON THE INSIDE DOOR OF EACH CONTROLLER CABINET LISTING ALL THE COMPONENT PARTS BY SERIAL NUMBER, THE DATE OF INSTALLATION, AND THE DATE OF OFFICIAL OPERATION.
31. THE BOTTOMS OF ALL TRAFFIC SIGNAL HEADS SHALL BE LOCATED BETWEEN 16.4 FEET AND 17.0 FEET ABOVE THE PAVEMENT SURFACE.
32. ONCE TRAFFIC SIGNAL HEAD ASSEMBLIES HAVE BEEN INSTALLED AND ADJUSTED IN THE FIELD TO THE SATISFACTION OF E.I.C., THE CONTRACTOR SHALL APPLY A BEAD OF SILICONE SEALANT AROUND THE SERRATED LOCK RING AT ALL LOCATIONS WHERE VERTICAL PIPE NIPPLES ARE ATTACHED TO THE TOP SURFACE OF BOTH TRAFFIC SIGNAL SECTIONS AND PIPE CROSS BODIES TO PREVENT WATER INFILTRATION INTO THE SIGNAL ASSEMBLY.
33. ALL DETECTOR LOOPS SHALL BE INSTALLED IN THE CENTER OF THEIR RESPECTIVE TRAVEL LANES, AND CUT INTO THE BINDER COURSE.
34. AT LEAST 5 DAYS PRIOR TO COMMENCING ANY SIGNAL WORK, THE CONTRACTOR IS TO CONTACT THE CITY OF SYRACUSE AND NOTIFY THEM WITH THE PROPOSED SCHEDULE OF WORK.
35. UNLESS OTHERWISE NOTED, ALL TRAFFIC SIGNAL HEADS, SPAN WIRES, OVERHEAD SIGNS, TRAFFIC SIGNAL POLES, AND MICROCOMPUTER CABINETS AND CONTENTS TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CITY OF SYRACUSE. THE CONTRACTOR SHALL DELIVER THIS EQUIPMENT TO THE CITY WITHIN TWO WEEKS OF SIGNAL ACCEPTANCE BY CITY SIGNAL MAINTENANCE PERSONNEL. ALL OTHER MATERIALS AND EQUIPMENT SHALL BE DISPOSED OF BY THE CONTRACTOR AND THE SURROUNDING AREA SHALL BE RESTORED WITHIN FOUR WEEKS OF SIGNAL ACCEPTANCE FOR EACH SIGNAL LOCATION.
36. THE DRAIN OR GROUND WIRE IN THE SHIELDED LEAD IN CABLE SHALL NOT BE GROUNDED AT THE CONTROLLER.
37. THE SPLICE BETWEEN THE LOOP WIRES AND THE SHIELDED LEAD-IN CABLE SHALL BE SOLDERED AND NOT CRIMPED.
38. PULLBOXES SHALL BE LOCATED TO AVOID LOW SPOTS AND SURFACE RUNOFF. PULLBOXES REQUIRING DRAINAGE A.O.B.E. SHALL HAVE 2 FEET MINIMUM OF NO. 2 STONE OR GRAVEL DRAINAGE BED BELOW THE PULLBOX. THIS SHALL BE INCLUDED IN THE PRICE BID FOR THE PULLBOX ITEMS.
39. THE CONTRACTOR SHALL PROVIDE BREAKAWAY TRANSFORMER BASES FOR ALL NEW PEDESTRIAN POLES. PRICE BID SHALL BE INCLUDED UNDER ITEM 680.6812.
40. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE INSTALLATION OF ALL CROSSING CONTROLS SHALL BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT OF 1991 AND ANY SUBSEQUENT AMENDMENTS.
41. PEDESTRIAN PUSH BUTTONS SHALL BE LOCATED NEAR CURB RAMPS AND POSITIONED SUCH THAT A PERSON IN A WHEEL CHAIR CAN ACTIVATE THE SIGNAL WITHOUT HAVING TO STOP ON THE CURB RAMP.
42. ALL UNDERGROUND CONDUIT CONNECTIONS SHALL BE SEALED TO ENSURE THAT THEY ARE WATERPROOF.
43. THE CONTRACTOR'S ATTENTION IS CALLED TO THE WIRING DIAGRAMS WHICH INDICATE ONLY NEW WIRING TO BE INSTALLED AND DOES NOT SHOW THE EXISTING WIRING.
44. THE CONTRACTOR SHALL CLEAN EACH AND EVERY PULLBOX AND CONDUIT REUSED AS PART OF THIS CONTRACT PER ITEMS 680.5110--10 - CLEAN EXISTING PULLBOXES AND ITEM 680.5301--10 - CLEAN EXISTING CONDUIT.
45. THE CONTRACTOR SHALL DRILL THE EXISTING PULLBOX WALLS FOR NEW CONDUIT INSTALLATION WHERE INDICATED ON THE PLANS AND GROUT IN PLACE. COST TO BE INCLUDED IN PRICE BID FOR ITEM 206.03 - CONDUIT EXCAVATION AND BACKFILL.
46. AS MODIFIED BY TSD-1, THE DISTANCE BETWEEN LOOP WIRE LEAD-INS SHOWN ON STANDARD SHEET 680-14, SHALL BE INCREASED FROM 6" TO 2'-0".
47. THE KEY NUMBERS FOR THE PAY ITEMS ARE SHOWN ON THE PLAN SHEETS WITHIN THE CIRCLES. IF A NUMBER IS ABOVE THE KEY NUMBER, IT IS A QUANTITY. EXAMPLE:  $\begin{matrix} 3x & \leftarrow & \text{QUANTITY} \\ \textcircled{17} & \leftarrow & \text{KEY NUMBER} \end{matrix}$
48. WHERE INDICATED ON THE PLANS THE CONTRACTOR SHALL RELOCATE OPTICOM FIRE PREEMPT EQUIPMENT, INCLUDING, BUT NOT LIMITED TO: SENSORS, MOUNTING BRACKETS, NUTS, WASHERS, AND BOLTS (IF POSSIBLE). RELOCATION OF OPTICOM EQUIPMENT TO BE PAID FOR UNDER ITEM 680.5605--08. CONTRACTOR SHALL REPLACE, AT HIS OWN EXPENSE, ANY OPTICOM EQUIPMENT DAMAGED DUE TO HIS OPERATIONS.
49. WHERE INDICATED ON THE PLANS, THE CONTRACTOR SHALL TEST AND CONFIRM ACCEPTABLE OPERATING CONDITIONS OF SIGNAL EQUIPMENT THAT IS TO BE MODIFIED AND/OR RELOCATED PRIOR TO THE MODIFICATION/RELOCATION. THE CONTRACTOR SHALL TEST AND CONFIRM ACCEPTABLE OPERATING CONDITIONS AFTER THE MODIFICATION/RELOCATION AND SHALL REPLACE, AT HIS OWN EXPENSE, ANY EQUIPMENT DAMAGED DUE TO HIS OPERATIONS.
50. ON SPAN WIRE INSTALLATIONS, CABLES ENTERING A WEATHER HEAD ARE TO FORM A DRIP LOOP, TWO TURNS OF CABLE (APPROX. 3'-0" OF SPARE CABLE) WILL BE REQUIRED BEFORE ENTERING THE DISCONNECT HANGER.
51. ALL VEHICLE DETECTOR LOOPS SHALL HAVE THREE (3) TURNS OF WIRE PER LOOP.
52. ENGINEER IN CHARGE SHALL RECORD LOCATIONS OF LOOPS AND LEAD-INS AND SUBMIT TO THE CITY OF SYRACUSE FOR INTERSECTION RECORDS.
53. BICYCLE REGULATORY SIGNS R10-3a AND R9-5 SHALL BOTH BE INCLUDED IN THE PRICE BID FOR ITEM 680.8226 FOR EACH BICYCLE PUSHBUTTON STATION.
54. THE LOCATION OF UTILITIES, PUBLIC AND/OR PRIVATE, INDICATED AS EXISTING AND/OR TO BE CONSTRUCTED AS SHOWN ON THE PLANS ARE APPROXIMATE ONLY. THEIR EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. THERE ARE LOCATIONS WHERE CONDUIT WILL CROSS EACH OTHER, IF AT THE SAME ELEVATION, THE ENGINEER SHALL DETERMINE WHICH CONDUIT SHALL BE RAISED OR LOWERED TO PREVENT THE CONFLICT.
55. CONTROLLER CABINETS SHALL BE NATURAL ALUMINUM. PEDESTRIAN AND VEHICULAR SIGNAL HEADS, BRACKETS AND RELATED HARDWARE SHALL BE PAINTED FEDERAL YELLOW. UNDER ITEM 680.8131--10, AUDIBLE PEDESTRIAN SIGNAL, THE EQUIPMENT SHALL BE YELLOW INSTEAD OF DARK GREEN.
56. CONDUIT SWEEPS FOR NEW POLE FOUNDATIONS SHALL BE 4 NPS.
57. THE SIGNAL TIMINGS SHALL BE PROVIDED BY THE CITY AND SET UP BY THE CONTRACTOR.
58. THE CONTRACTOR WILL COORDINATE RE-ESTABLISHING POWER CONNECTIONS AT ALL INTERSECTIONS WITH NATIONAL GRID. WHERE A NEW CABINET IS INSTALLED NEAR AN EXISTING TRAFFIC SIGNAL CABINET, THE EXISTING POWER SUPPLY CONDUIT SHALL BE EXTENDED TO THE NEW LOCATION AND NEW WIRE INSTALLED FOR THE SERVICE CONNECTION. AT THE LOCATIONS WHERE A NEW CABINET IS INSTALLED AWAY FROM THE EXISTING CABINET, THE CONTRACTOR WILL COORDINATE WITH NATIONAL GRID TO ESTABLISH THE NEW POWER CONNECTION FROM THE CLOSEST SOURCE. PAYMENT FOR THIS WORK SHALL BE INCLUDED UNDER THE RESPECTIVE PAY ITEMS.
59. THE TRAFFIC SIGNAL SYSTEM IS LINKED TO THE CITY'S TRAFFIC CONTROL CENTER (TCC). THE CONTRACTOR SHALL TEST AND DEMONSTRATE THAT THE EXISTING COMMUNICATION LINK BETWEEN THE INDIVIDUAL INTERSECTIONS AND THE TCC IS OPERATIONAL AND ALSO SHALL TEST AND DEMONSTRATE THAT THE COMMUNICATION LINK IS OPERATIONAL AFTER INSTALLING THE NEW EQUIPMENT SHOWN ON THE PLANS.

118	127
REVISION	NO DATE
	
	
UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209	
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE
ONONDAGA COUNTY	CONTRACT 1
P.I.N. 3754.46	
TRAFFIC SIGNAL NOTES	
SCALE: NONE	
DATE ISSUED: 4/2011	
DRAWING	
TSN-1	

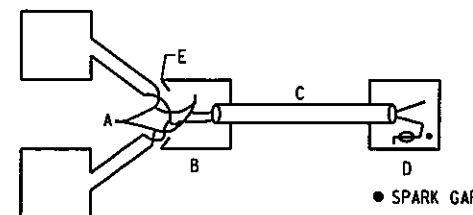


**WIRING NOTES:**

1. LOOPS IN EACH LANE WIRED IN PARALLEL AT PULLBOX.
2. SEPARATE LEAD-IN PER LANE TO SEPARATE CHANNEL.
3. 50 FT. OF DETECTOR COVERAGE IS USED AT INTERSECTIONS WHERE AVAILABLE STREET SIDE PARKING AND WHERE APPROACH LENGTHS FOR THE INTERSECTION DID NOT HAVE THE CAPACITY FOR 70 FT. OF COVERAGE. DIMENSIONS FOR 50 FT. OF DETECTOR COVERAGE ARE SHOWN IN PARENTHESIS.
4. ALL VEHICLE DETECTOR LOOPS SHALL HAVE THREE (3) TURNS OF WIRE PER LOOP.



THE ROAD LOOP IS CONNECTED THROUGH THE ENCAPSULATED LOOP LEAD-IN WIRES (TWISTED PAIR) TO THE MAIN SHIELDED LEAD-IN CABLE AT THE CURBSIDE JUNCTION BOX WHICH IN TURN RETURNS TO THE TERMINAL BLOCK IN THE MAIN CABINET.



NOTE:  
 THE TOTAL COMBINED LENGTH OF THE TWISTED PAIR IS 100 FT. MAX.  
 WHEN TWO ROAD LOOPS ARE LOCATED ADJACENT TO EACH OTHER IN THE SAME LANE, THE ENCAPSULATED LOOP LEAD-IN WIRES (TWISTED PAIR) ARE CONNECTED IN PARALLEL WITHIN THE CURBSIDE JUNCTION BOX AND THEN PROCEED THROUGH THE SHIELDED LEAD-IN CABLE WHICH IN TURN GOES TO THE TERMINAL BLOCK IN THE MAIN CABINET.

**LEGEND:**

- A - TWISTED PAIR LEAD-IN
- B - CURBSIDE JUNCTION BOX
- C - SHIELDED LEAD-IN CABLE
- D - MAIN CABINET & MAIN CABINET PULLBOX
- E - FLEXIBLE LIQUID-TIGHT CONDUIT

**INDUCTANCE LOOP WIRING DETAIL**

N.T.S.

LEGEND		
SYMBOL		DESCRIPTION
PROPOSED	EXISTING	
●	○	SIGNAL POLE
●■	○□	POLE MOUNTED CONTROLLER
---	---	CONDUIT
←●	←○	TRAFFIC SIGNAL HEAD - 1 WAY
┌●	┌○	OVERHEAD SIGN - 1 WAY
①	①	PULLBOX (TRAFFIC SIGNALS & NUMBER)
①	①	SIGNAL FACE & NUMBER
2A	2A	INDUCTANCE LOOP
S1	S1	SIGN NUMBER
∅1	∅1	PHASE NUMBER
↓●	↓○	PEDESTRIAN PUSH BUTTON POLE
◻	◻	EMERGENCY PRE-EMPT DETECTOR

PREPARED BY: BARTON & LOGUIDICE, P.C.

ESTIMATE OF QUANTITIES									
LEGEND	ITEM NUMBER	DESCRIPTION	UNIT	TSP-1	TSP-3	TSP-5	TSP-7	FINAL	
1	206.03	CONDUIT EXCAVATION & BACKFILL	FT	300	360	430	195	1285	
2	619.1611	MAINTAIN TRAFFIC SIGNAL EQUIPMENT - REQUIREMENT A	MO	6	6	6	6	24	
3	680.5001	POLE EXCAVATION AND CONCRETE FOUNDATION	CY	10	9.6	9.6	4.8	34	
4	680.510301	PULLBOX - CIRCULAR, 24" DIAMETER, REINF. CONC.	EA	4	6	6	2	18	
5	680.5110-10	CLEAN EXISTING PULLBOXES	EA	2	0	0	0	2	
6	680.520103	CONDUIT, METAL STEEL, ZINC COATED, 1 NPS	FT	0	0	0	0	0	
7	680.520106	CONDUIT, METAL STEEL, ZINC COATED, 2 NPS	FT	65	180	230	150	625	
8	680.520108	CONDUIT, METAL STEEL, ZINC COATED, 3 NPS	FT	230	200	200	45	675	
9	680.520203	CONDUIT, FLEXIBLE LIQUID-TIGHT STEEL, 1 NPS	FT	15	35	45	10	105	
10	680.5301-10	CLEAN EXISTING CONDUIT	FT	0	0	0	0	0	
11	680.54	INDUCTANCE LOOP INSTALLATION	FT	340	500	675	160	1675	
12	680.82540009	PREEMPT SYSTEM - DETECTOR CABLE, SHIELDED, 3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	115	200	240	120	675	
13	680.5605-08	RE-INSTALL EMERGENCY PREEMPTION SYSTEM	EA	1	1	1	0	3	
14	680.600533	TRAFFIC SIGNAL POLE, SPAN WIRE, DESIGN LOAD 5000 LBS., POLE LENGTH 33 FT.	EA	1	0	0	0	1	
15	680.6812	TRAFFIC SIGNAL POLE - BRACKET MOUNT, 12 FT. POLE LENGTH	EA	4	8	8	4	24	
16	680.7002	DUAL SPAN WIRE WITH UPPER TETHER	EA	1	0	0	0	1	
17	680.71	SHIELDED LEAD-IN CABLE	FT	105	325	530	90	1050	
18	680.72	INDUCTANCE LOOP WIRE	FT	975	1515	2025	490	5005	
19	680.730214	SIGNAL CABLE, 2 CONDUCTOR, 14 AWG	FT	550	1065	1240	470	3325	
20	680.730514	SIGNAL CABLE, 5 CONDUCTOR, 14 AWG	FT	440	775	975	520	2710	
21	680.731514	SIGNAL CABLE, 15 CONDUCTOR, 14 AWG	FT	135	0	0	0	135	
22A	680.77-01	MODIFY TRAFFIC SIGNAL EQUIPMENT	LS	0	0	0	0	0	
22B	680.78-01	MODIFY AND REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	1	1	1	1	4	
22C	680.79-01	REMOVE TRAFFIC SIGNAL EQUIPMENT	LS	0	0	0	0	0	
23	680.810101	TRAFFIC SIGNAL MODULE, 12IN RED BALL, LED	EA	0	6	8	2	16	
24	680.810103	TRAFFIC SIGNAL MODULE, 12IN YELLOW BALL, LED	EA	0	6	8	2	16	
25	680.810104	TRAFFIC SIGNAL MODULE, 12IN YELLOW ARROW, LED	EA	0	0	0	0	0	
26	680.810105	TRAFFIC SIGNAL MODULE, 12IN GREEN BALL, LED	EA	0	6	8	2	16	
27	680.810106	TRAFFIC SIGNAL MODULE, 12IN GREEN ARROW, LED	EA	0	0	0	0	0	
28	680.810107	TRAFFIC SIGNAL SECTION - TYPE I, 12IN	EA	0	18	24	6	48	
29	680.8111	TRAFFIC SIGNAL BRACKET ASSEMBLY - 1 WAY	EA	0	2	2	2	6	
30	680.8112	TRAFFIC SIGNAL BRACKET ASSEMBLY - 2 WAY	EA	0	2	3	0	5	
31	680.8113	TRAFFIC SIGNAL BRACKET ASSEMBLY - 3 WAY	EA	0	0	0	0	0	
32	680.8120	TRAFFIC SIGNAL DISCONNECT HANGER	EA	0	4	5	2	11	
33	680.813105	PEDESTRIAN SIGNAL MODULE - 12 IN BI-MODAL, HAND-MAN SYMBOL, LED	EA	6	8	8	4	26	
34	680.813106	PEDESTRIAN SIGNAL SECTION, POLYCARBONATE, TYPE I, 12IN	EA	12	16	16	8	52	
35	680.8131-10	AUDIBLE PEDESTRIAN SIGNAL	EA	6	8	8	4	26	
36	680.8141	PEDESTRIAN SIGNAL BRACKET MOUNT ASSEMBLY	EA	5	8	8	4	25	
37	680.8142	PEDESTRIAN SIGNAL POST TOP MOUNT ASSEMBLY	EA	1	0	0	0	1	
38	680.8150-10	PEDESTRIAN COUNT DOWN TIMER MODULE	EA	6	8	8	4	26	
39	680.8210	OVERHEAD SIGN ASSEMBLY, TYPE J	EA	4	3	2	2	11	
40	680.8225	PEDESTRIAN PUSHBUTTON AND SIGN WITHOUT POST	EA	0	0	0	0	0	
41	680.8226	PEDESTRIAN PUSHBUTTON AND SIGN WITH POST	EA	1	2	2	1	6	
42	680.8250-09	PREEMPT SYSTEM OPTICAL DETECTOR - SINGLE CHANNEL, ONE DIRECTION (SPAN WIRE)	EA	0	1	1	1	3	
43	680.82514009	PREEMPTION SYSTEM - TYPE 1 PHASE SELECTOR, 4 CHANNELS	EA	0	1	1	1	3	
44	680.82540009	PREEMPTION SYSTEM - DETECTOR CABLE - SHIELDED, 3 CONDUCTOR WITH STRANDED GROUND, AWG #20	LF	0	0	0	120	120	
45	647.01	REMOVAL OF SIGNS - SIZE A (0 TO 10 SQUARE FEET)	EA	4	0	0	0	4	
46	647.18	REMOVAL OF OVERHEAD SIGN PANELS	EA	5	2	2	0	9	
47	680.730414	SIGNAL CABLE, 4 CONDUCTOR, 14 AWG	FT	70	90	90	45	295	

NO. DATE BY REVISION

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SYRACUSE UNIVERSITY  
FOUNDED 1870

**Barton & Loguidice, P.C.**

EAST GENESEE STREET  
CONNECTIVE CORRIDOR

CITY OF SYRACUSE  
ONONDAGA COUNTY

CONTRACT 1  
P.I.N. 3754.46

TRAFFIC SIGNAL  
DETAILS AND  
ESTIMATE OF  
QUANTITIES

SCALE: AS SHOWN  
DATE ISSUED: 4/2011  
DRAWING  
TSD-1

P:\MicroStation\Workspace\Plot\NYSDDOT\SITE\NYSDDOT\_SIZE\_B.tbl  
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IN CHARGE OF \_\_\_\_\_ DESIGN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ ESTIMATED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ NO. DATE BY REVISION

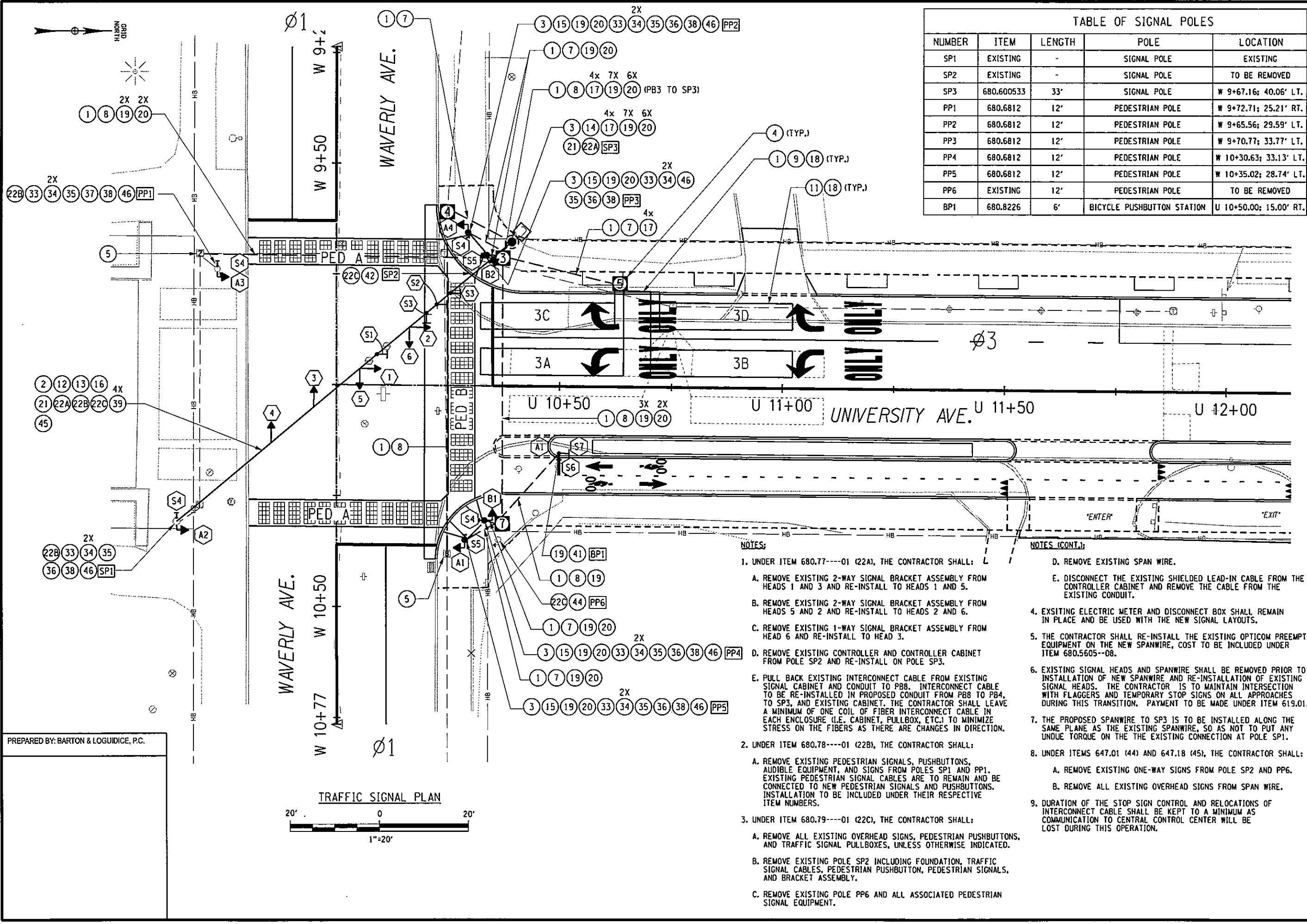


TABLE OF SIGNAL POLES				
NUMBER	ITEM	LENGTH	POLE	LOCATION
SP1	EXISTING	-	SIGNAL POLE	EXISTING
SP2	EXISTING	-	SIGNAL POLE	TO BE REMOVED
SP3	680.600533	33'	SIGNAL POLE	W 9+67.16; 40.06' LT.
PP1	680.6812	12'	PEDESTRIAN POLE	W 9+72.71; 25.21' RT.
PP2	680.6812	12'	PEDESTRIAN POLE	W 9+65.56; 29.59' LT.
PP3	680.6812	12'	PEDESTRIAN POLE	W 9+70.77; 33.77' LT.
PP4	680.6812	12'	PEDESTRIAN POLE	W 10+30.63; 33.13' LT.
PP5	680.6812	12'	PEDESTRIAN POLE	W 10+35.02; 28.74' LT.
PP6	EXISTING	12'	PEDESTRIAN POLE	TO BE REMOVED
BP1	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 10+50.00; 15.00' RT.

- NOTES:**
- UNDER ITEM 680.77----01 (22A), THE CONTRACTOR SHALL:
    - REMOVE EXISTING 2-WAY SIGNAL BRACKET ASSEMBLY FROM HEADS 1 AND 3 AND RE-INSTALL TO HEADS 1 AND 5.
    - REMOVE EXISTING 2-WAY SIGNAL BRACKET ASSEMBLY FROM HEADS 5 AND 2 AND RE-INSTALL TO HEADS 2 AND 6.
    - REMOVE EXISTING 1-WAY SIGNAL BRACKET ASSEMBLY FROM HEAD 6 AND RE-INSTALL TO HEAD 3.
    - REMOVE EXISTING CONTROLLER AND CONTROLLER CABINET FROM POLE SP2 AND RE-INSTALL ON POLE SP3.
    - PULL BACK EXISTING INTERCONNECT CABLE FROM EXISTING SIGNAL CABINET AND CONDUIT TO P88. INTERCONNECT CABLE TO BE RE-INSTALLED IN PROPOSED CONDUIT FROM P88 TO P84, TO SP3, AND EXISTING CABINET. THE CONTRACTOR SHALL LEAVE A MINIMUM OF ONE COIL OF FIBER INTERCONNECT CABLE IN EACH ENCLOSURE (I.E. CABINET, PULLBOX, ETC.) TO MINIMIZE STRESS ON THE FIBERS AS THERE ARE CHANGES IN DIRECTION.
  - UNDER ITEM 680.78----01 (22B), THE CONTRACTOR SHALL:
    - REMOVE EXISTING PEDESTRIAN SIGNALS, PUSHBUTTONS, AUDIBLE EQUIPMENT, AND SIGNS FROM POLES SP1 AND PP1. EXISTING PEDESTRIAN SIGNAL CABLES ARE TO REMAIN AND BE CONNECTED TO NEW PEDESTRIAN SIGNALS AND PUSHBUTTONS. INSTALLATION TO BE INCLUDED UNDER THEIR RESPECTIVE ITEM NUMBERS.
  - UNDER ITEM 680.79----01 (22C), THE CONTRACTOR SHALL:
    - REMOVE ALL EXISTING OVERHEAD SIGNS, PEDESTRIAN PUSHBUTTONS, AND TRAFFIC SIGNAL PULLBOXES, UNLESS OTHERWISE INDICATED.
    - REMOVE EXISTING POLE SP2 INCLUDING FOUNDATION, TRAFFIC SIGNAL CABLES, PEDESTRIAN PUSHBUTTON, PEDESTRIAN SIGNALS, AND BRACKET ASSEMBLY.
    - REMOVE EXISTING POLE PP6 AND ALL ASSOCIATED PEDESTRIAN SIGNAL EQUIPMENT.
  - REMOVE EXISTING SPAN WIRE.
    - DISCONNECT THE EXISTING SHIELDED LEAD-IN CABLE FROM THE CONTROLLER CABINET AND REMOVE THE CABLE FROM THE EXISTING CONDUIT.
  - EXISTING ELECTRIC METER AND DISCONNECT BOX SHALL REMAIN IN PLACE AND BE USED WITH THE NEW SIGNAL LAYOUTS.
  - THE CONTRACTOR SHALL RE-INSTALL THE EXISTING OPTICOM PREEMPT EQUIPMENT ON THE NEW SPANWIRE, COST TO BE INCLUDED UNDER ITEM 680.5605--08.
  - EXISTING SIGNAL HEADS AND SPANWIRE SHALL BE REMOVED PRIOR TO INSTALLATION OF NEW SPANWIRE AND RE-INSTALLATION OF EXISTING SIGNAL HEADS. THE CONTRACTOR IS TO MAINTAIN INTERSECTION WITH FLAGGERS AND TEMPORARY STOP SIGNS ON ALL APPROACHES DURING THIS TRANSITION. PAYMENT TO BE MADE UNDER ITEM 619.01.
  - THE PROPOSED SPANWIRE TO SP3 IS TO BE INSTALLED ALONG THE SAME PLANE AS THE EXISTING SPANWIRE, SO AS NOT TO PUT ANY UNDUE TORQUE ON THE THE EXISTING CONNECTION AT POLE SP1.
  - UNDER ITEMS 647.01 (44) AND 647.18 (45), THE CONTRACTOR SHALL:
    - REMOVE EXISTING ONE-WAY SIGNS FROM POLE SP2 AND PP6.
    - REMOVE ALL EXISTING OVERHEAD SIGNS FROM SPAN WIRE.
  - DURATION OF THE STOP SIGN CONTROL AND RELOCATIONS OF INTERCONNECT CABLE SHALL BE KEPT TO A MINIMUM AS COMMUNICATION TO CENTRAL CONTROL CENTER WILL BE LOST DURING THIS OPERATION.

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UNIVERSITY OF SYRACUSE  
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 SYRACUSE, NY 13244-2400

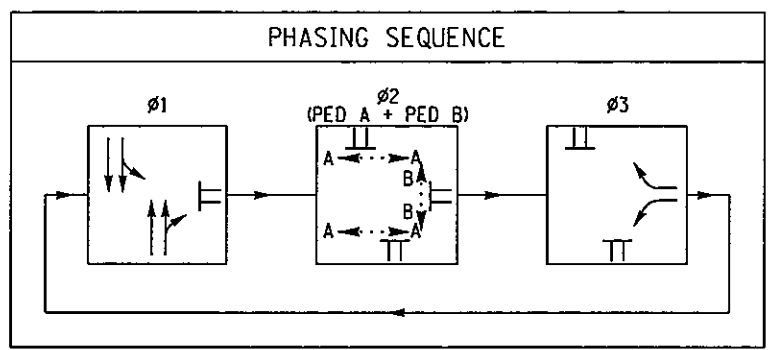
Syracuse  
 STATE UNIVERSITY OF NEW YORK  
 COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Barton & Loguidice, P.C.  
 EAST GENESEE STREET  
 CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

WAVERLY AVENUE  
 AT UNIVERSITY  
 AVENUE  
 INTERSECTION

SCALE: AS SHOWN  
 DATE ISSUED: 4/2011  
 DRAWING  
 TSP-1

IN CHARGE OF JPD DESIGN BY DJR CHECKED BY TRJ ESTIMATED BY TRJ CHECKED BY DJR/PJC CHECKED BY DJR DRAFTED BY JDH CHECKED BY DJR

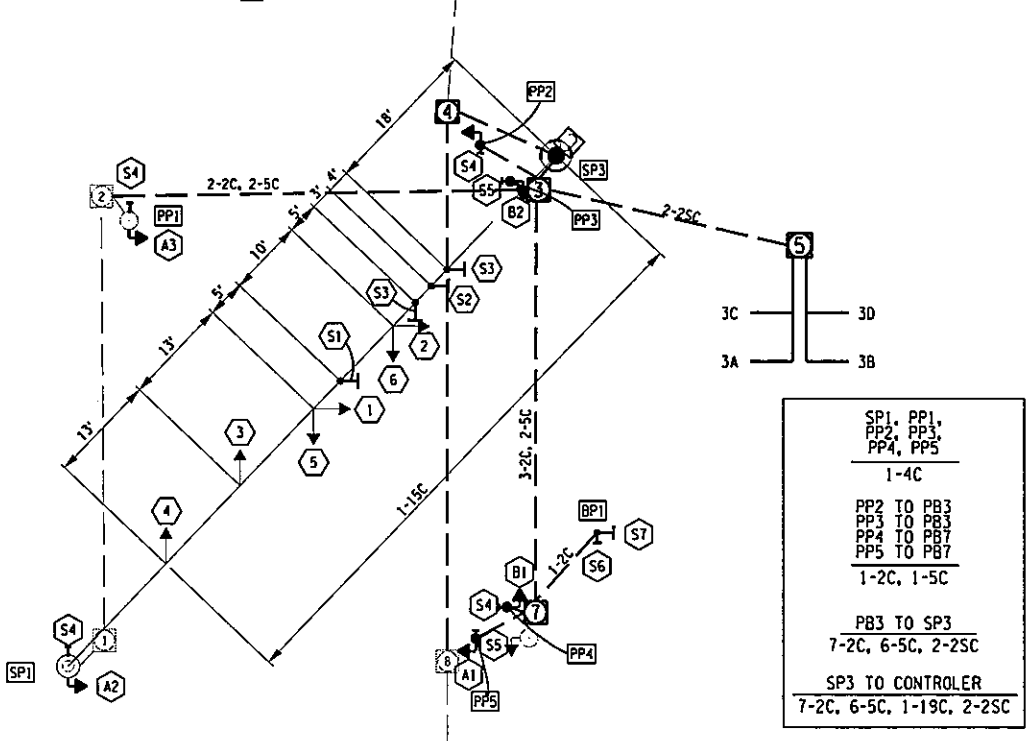


DETECTOR NUMBER	PHASE NUMBER	FUNCTION	TYPE	SIZE (FT)	NUMBER OF TURNS
3A	ø3	PRESENCE	LOOP	6' x 32'	3
3B	ø3	PRESENCE	LOOP	6' x 32'	3
3C	ø3	PRESENCE	LOOP	6' x 30'	3
3D	ø3	PRESENCE	LOOP	6' x 30'	3

PHASE	FACE						PED A	PED B
	1	2	3	4	5	6		
ø1	R	R	G	G	G	G		
CLEAR 1	R	R	Y	Y	Y	Y		
CLEAR 2	R	R	R	R	R	R		
ø2	R	R	R	R	R	R		
PED CLEAR	R	R	R	R	R	R		
CLEAR 1	R	R	R	R	R	R		
ø3	G	G	R	R	R	R		
CLEAR 1	Y	Y	R	R	R	R		
CLEAR 2	R	R	R	R	R	R		
FLASHING OPERATION	FR	FR	FY	FY	FY	FY	DARK	DARK

\* THERE WILL BE A WALKING PERSON SYMBOL FOLLOWED BY A FLASHING "HAND" SYMBOL PEDESTRIAN CLEARANCE INTERVAL THEN A STEADY "HAND" SYMBOL IF PEDESTRIAN BUTTON HAS BEEN ACTIVATED

\*\* FLASHING



WIRING DIAGRAM AND SIGNAL HEAD LAYOUT  
NOT TO SCALE

NOTE:  
THE SPAN WIRE DIAGRAM SHOULD BE USED FOR INITIAL LAYOUT ONLY. CONTRACTOR SHOULD FIELD VERIFY THAT THE SIGNAL HEAD LAYOUT IS IN ACCORD WITH THE SIGNAL HEAD ALIGNMENT AS SHOWN IN THESE PLANS. FINAL LOCATIONS SHALL BE SHOWN ON THE AS-BUILT PLANS.

ITEM NUMBER	LOCATION NUMBER	SIGN TEXT	SIZE OF SIGN	M.U.T.C.D. NUMBER	TYPE OF MOUNT
680.8210	S1		30" x 36" 7.5 SF	R3-5 L	OVERHEAD SPAN WIRE
680.8210	S2		30" x 36" 7.5 SF	R3-5 R	OVERHEAD SPAN WIRE
680.8210	S3		30" x 36" 7.5 SF	R10-11	OVERHEAD SPAN WIRE
680.8131--10 (4 EA.)	S4		9" x 15" 0.94 SF	R10-3e L	POLE
680.8131--10 (2 EA.)	S5		9" x 15" 0.94 SF	R10-3e R	POLE
680.8226 (1 EA.)	S6		9" x 15" 0.94 SF	R10-3d L	POLE
680.8226 (1 EA.)	S7		12" x 18" 1.50 SF	R9-5	POLE

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127

NO. DATE BY REVISION

UNIVERSITY OF SYRACUSE  
FOUNDED 1828

**Barton & Loguidice, P.C.**

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EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	P.I.N. 3754.46
	ONONDAGA COUNTY	
	CONTRACT 1	

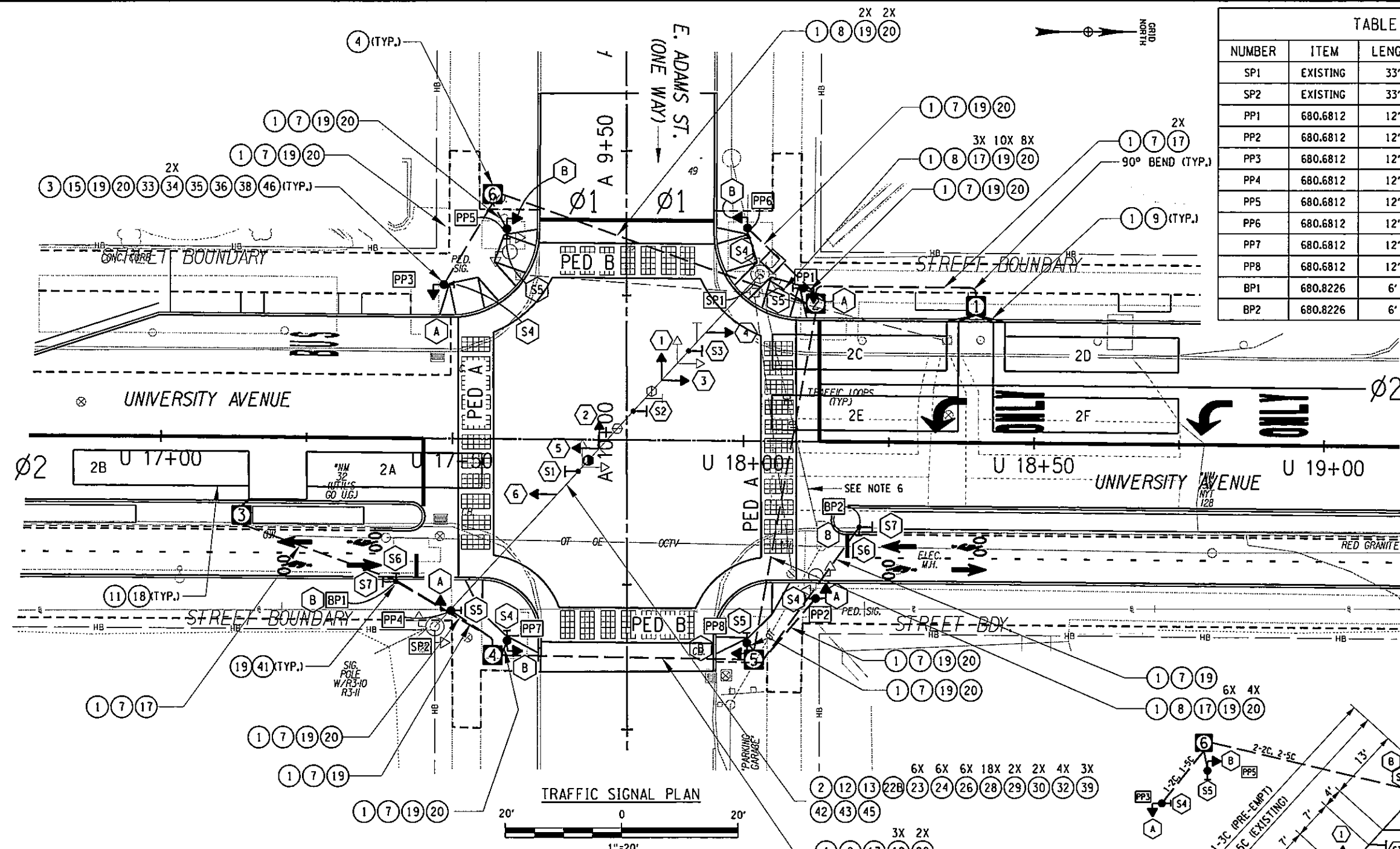
WAVERLY AVE. AT UNIVERISTY AVE. INTERSECTION TABLES

SCALE: NONE  
DATE ISSUED: 4/2011  
DRAWING TSP-2



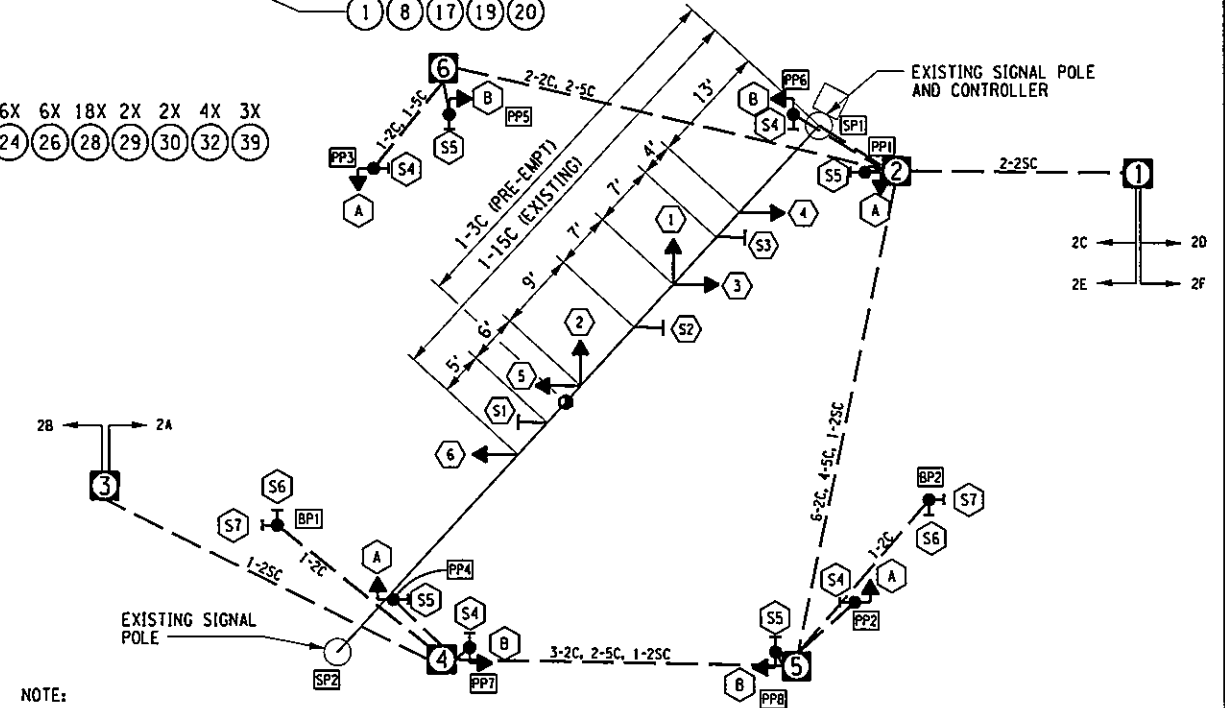
IN CHARGE OF JPD DESIGN BY DJR CHECKED BY TRJ ESTIMATED BY DJR/PJC CHECKED BY DJR DRAFTED BY JDH CHECKED BY DJR

PREPARED BY: BARTON & LOGUIDICE, P.C.



- NOTES:
1. THE CONTRACTOR SHALL REMOVE ALL EXISTING SIGNAL HEADS, OVERHEAD SIGNS, PEDESTRIAN POLES, HEADS AND PUSH BUTTONS, AND TRAFFIC SIGNAL PULLBOXES. THE CONTRACTOR SHALL DISCONNECT SHIELDED LEAD IN CABLE FROM THE CONTROLLER CABINET AND REMOVE THE CABLE FROM THE EXISTING CONDUIT. PAYMENT TO BE INCLUDED UNDER ITEMS 680.78----01 AND 647.18 (OVERHEAD SIGNS).
  2. EXISTING CONTROLLER CABINET, ELECTRIC METER, DISCONNECT BOX, TRAFFIC SIGNAL CABLE, CONTROLLER AND SPANWIRE SHALL REMAIN IN PLACE AND BE USED WITH THE NEW SIGNAL LAYOUTS. THE CONTRACTOR SHALL UTILIZE THE EXISTING POWER SOURCE CURRENTLY ENERGIZING THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL LEAVE IN PLACE EXISTING PRE-EMPTION DETECTORS AND INSTALL A NEW PRE-EMPTION DETECTOR FOR THE PROPOSED VEHICLE LANES ALONG UNIVERSITY AVENUE. NEW PRE-EMPTION DETECTOR CABLE, ITEM 680.82540009, SHALL BE INSTALLED FOR ALL DETECTORS.
  3. THE CONTRACTOR SHALL CONNECT NEW SIGNAL HEADS TO EXISTING SPANWIRE. THE CONTRACTOR SHALL CONNECT EXISTING SIGNAL CABLE AND CONDUCTORS TO THE PROPOSED SIGNAL HEADS. INSTALLATION OF NEW EQUIPMENT SHALL BE PAID FOR UNDER THEIR RESPECTIVE ITEMS.
  4. EXISTING SIGNAL HEADS AND OVERHEAD SIGNS SHALL BE REMOVED PRIOR TO INSTALLATION OF NEW HEADS. CONTRACTOR TO MAINTAIN INTERSECTION WITH FLAGGERS AND TEMPORARY STOP SIGNS ON ALL APPROACHES DURING THIS TRANSITION. PAYMENT TO MADE UNDER ITEM 619.01.
  5. THE CONTRACTOR SHALL INSTALL PEDESTRIAN PUSHBUTTONS AND SIGNS SO THAT THEY ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990.
  6. THE EXISTING CITY OF SYRACUSE INTERCONNECT SYSTEM IS OVERHEAD AND CARRIED BY THE UTILITY POLES. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF THE INTERCONNECT CABLE WITH THE UTILITY POLE RELOCATIONS. SEE DWGS. UT-1 THROUGH UT-6 FOR UTILITY RELOCATIONS. PAYMENT TO MOVE INTERCONNECT CABLE SHALL BE PAID UNDER ITEM 680.78----01.
  7. UNDER ITEM 647.18 (45), THE CONTRACTOR SHALL REMOVE ALL EXISTING OVERHEAD SIGNS FROM THE SPAN WIRE.

PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8
1-4C
PP1 TO PB2 PP2 TO PB5 PP4 TO PB4 PP5 TO PB6 PP6 TO PB2 PP7 TO PB4 PP8 TO PB5
1-2C, 1-5C
HEAD 6 TO SP1 1-15C (EXISTING)
PB2 TO SP1 10-2C, 8-5C, 3-25C
SP1 TO CONTROLLER 1-15C, 10-2C, 6-5C, 3-25C 1-3C (PRE-EMPT)



NUMBER	ITEM	LENGTH	POLE	LOCATION
SP1	EXISTING	33'	SIGNAL POLE	EXISTING
SP2	EXISTING	33'	SIGNAL POLE	EXISTING
PP1	680.6812	12'	PEDESTRIAN POLE	U 18+10.0; 26.5' LT.
PP2	680.6812	12'	PEDESTRIAN POLE	U 18+12.6; 27.1' RT.
PP3	680.6812	12'	PEDESTRIAN POLE	U 17+49.2; 26.6' LT.
PP4	680.6812	12'	PEDESTRIAN POLE	U 17+50.0; 29.7' RT.
PP5	680.6812	12'	PEDESTRIAN POLE	U 17+58.9; 36.4' LT.
PP6	680.6812	12'	PEDESTRIAN POLE	U 18+00.0; 36.9' LT.
PP7	680.6812	12'	PEDESTRIAN POLE	U 17+59.7; 34.8' RT.
PP8	680.6812	12'	PEDESTRIAN POLE	U 18+00.9; 34.9' RT.
BP1	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 17+40.6; 24.8' RT.
BP2	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 18+20.0; 14.7' RT.

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127

UNIVERSITY OF SYRACUSE  
 SYRACUSE, NEW YORK  
 FOUNDED 1828

**Barton & Loguidice, P.C.**

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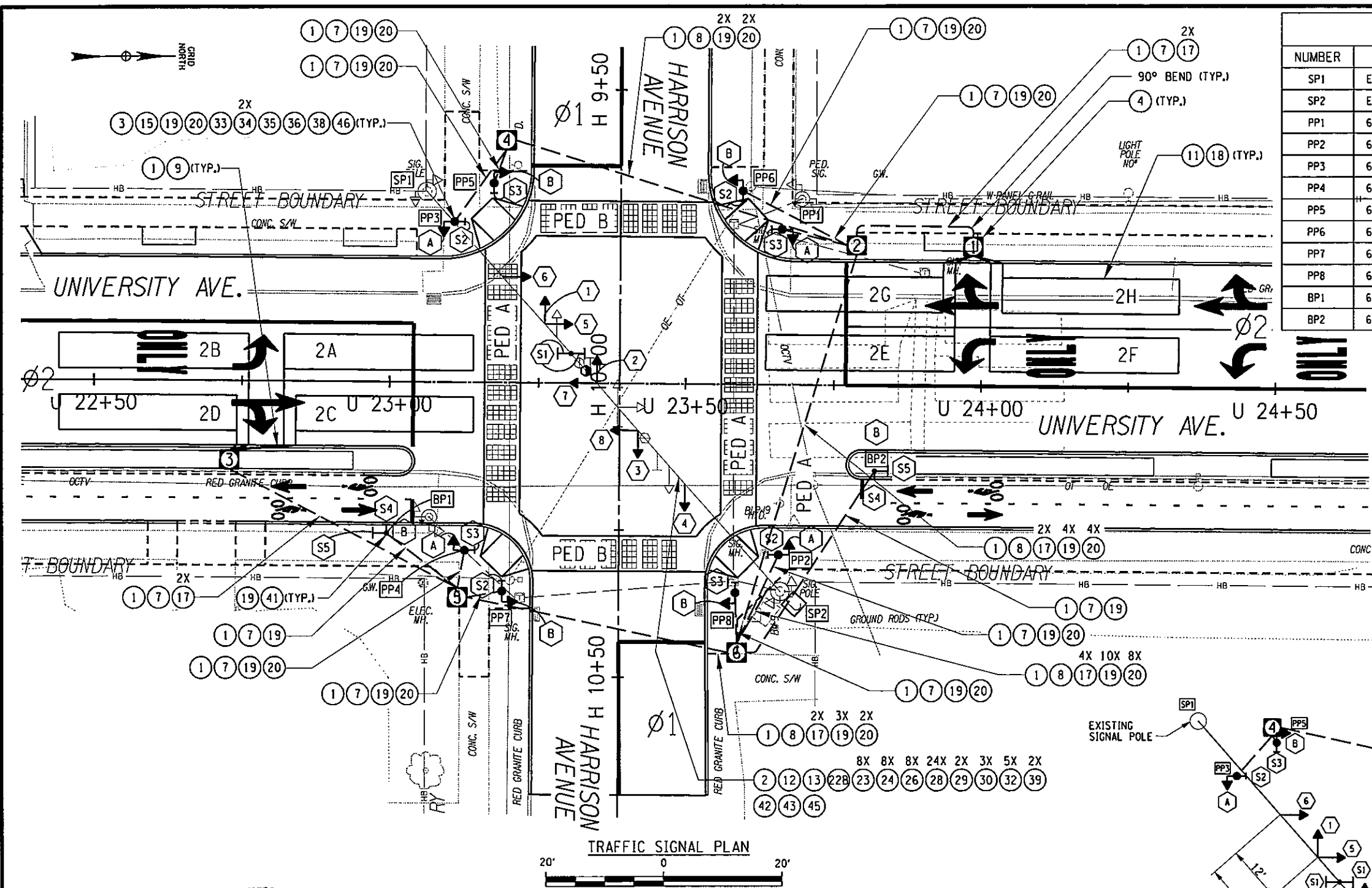
EAST GENESEE STREET CONNECTIVE CORRIDOR	CITY OF SYRACUSE	ONONDAGA COUNTY
CONTRACT 1		P.I.N. 3754.46

UNIVERSITY AVENUE AT EAST ADAMS STREET INTERSECTION

SCALE: AS SHOWN  
 DATE ISSUED: 4/2011  
 DRAWING TSP-3



IN CHARGE OF: JPD DESIGN BY: DJR CHECKED BY: DJR ESTIMATED BY: TRJ CHECKED BY: DJR/PJC DRAFTED BY: TRJ CHECKED BY: DJR

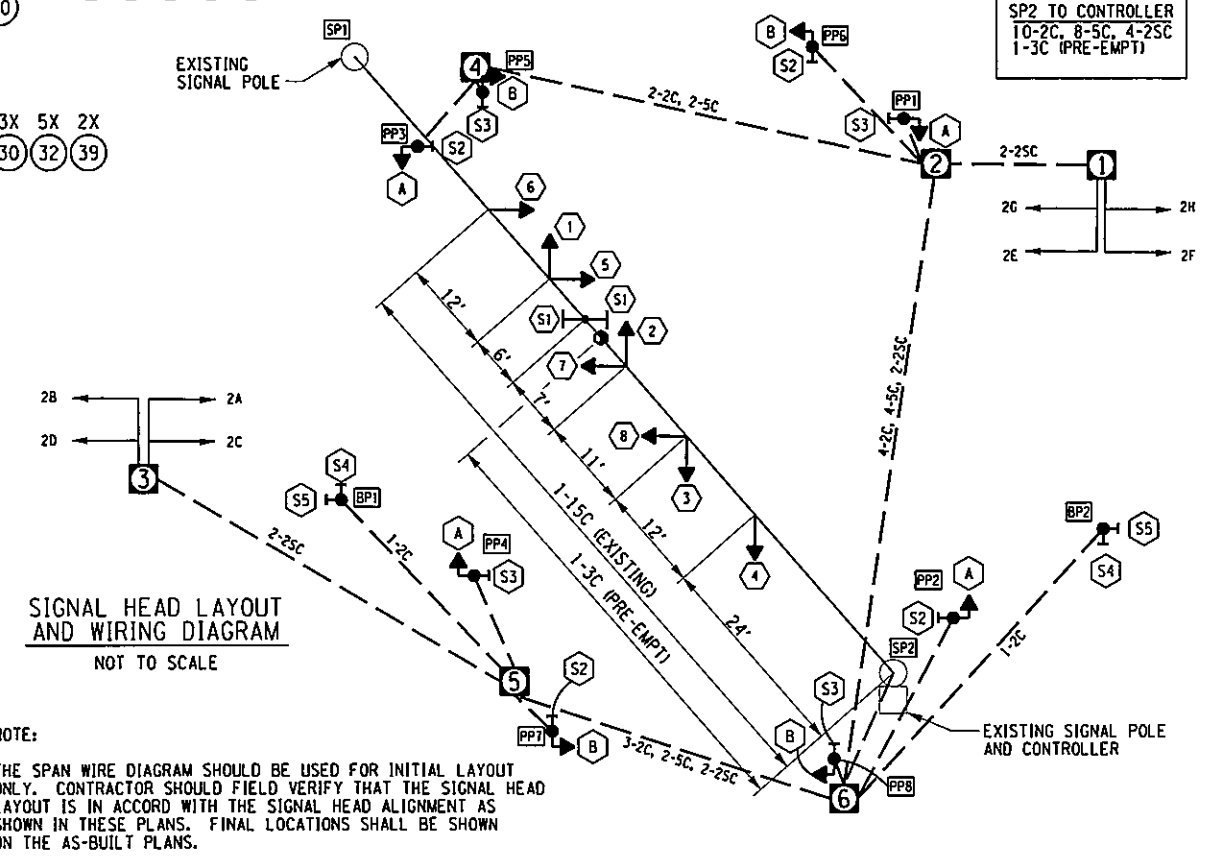


- NOTES:
1. THE CONTRACTOR SHALL REMOVE ALL EXISTING SIGNAL HEADS, OVERHEAD SIGNS, PEDESTRIAN POLES, HEADS AND PUSH BUTTONS, AND TRAFFIC SIGNAL PULLBOXES. THE CONTRACTOR SHALL DISCONNECT SHIELDED LEAD IN CABLE FROM THE CONTROLLER CABINET AND REMOVE THE CABLE FROM THE EXISTING CONDUIT. PAYMENT TO BE INCLUDED UNDER ITEMS 680.78----01 AND 647.18 (OVERHEAD SIGNS).
  2. EXSITING CONTROLLER CABINET, ELECTRIC METER, DISCONNECT BOX, TRAFFIC SIGNAL CABLE, CONTROLLER AND SPANWIRE SHALL REMAIN IN PLACE AND BE USED WITH THE NEW SIGNAL LAYOUTS. THE CONTRACTOR SHALL UTILIZE THE EXISTING POWER SOURCE CURRENTLY ENERGIZING THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL LEAVE IN PLACE EXISTING PRE-EMPTION DETECTORS AND INSTALL A NEW PRE-EMTION DETECTOR FOR THE PROPOSED VEHICLE LANES ALONG UNIVERSITY AVENUE. NEW PRE-EMPTION DETECTOR CABLE, ITEM 680.82540009, SHALL BE INSTALLED FOR ALL DETECTORS
  3. THE CONTRACTOR SHALL CONNECT NEW SIGNAL HEADS TO EXISTING SPANWIRE. THE CONTRACTOR SHALL CONNECT EXISTING SIGNAL CABLE AND CONDUCTORS TO THE PROPOSED SIGNAL HEADS. INSTALLATION OF NEW EQUIPMENT SHALL BE PAID FOR UNDER THEIR RESPECTIVE ITEMS.
  4. EXISTING SIGNAL HEADS AND OVERHEAD SIGNS SHALL BE REMOVED PRIOR TO INSTALLATION OF NEW HEADS. CONTRACTOR TO MAINTAIN INTERSECTION WITH FLAGGERS AND TEMPORARY STOP SIGNS ON ALL APPROACHES DURING THIS TRANSITION. PAYMENT TO MADE UNDER ITEM 619.01.
  5. THE CONTRACTOR SHALL INSTALL PEDESTRIAN PUSHBUTTONS AND SIGNS SO THAT THEY ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990.
  6. THE EXISTING CITY OF SYRACUSE INTERCONNECT SYSTEM IS OVERHEAD AND CARRIED BY THE UTILITY POLES. THE CONTRACTOR SHALL COORDINATE THE RELOCATION OF THE INTERCONNECT CABLE WITH THE UTILITY POLE RELOCATIONS. SEE DWGS. UT-1 THROUGH UT-6 FOR UTILITY RELOCATIONS. PAYMENT TO MOVE INTERCONNECT CABLE SHALL BE PAID UNDER ITEM 680.78----01.
  7. UNDER ITEM 647.18 (45), THE CONTRACTOR SHALL REMOVE ALL EXISTING OVERHEAD SIGNS FROM THE SPAN WIRE.

PREPARED BY: BARTON & LOGUIDICE, P.C.

TABLE OF SIGNAL POLES				
NUMBER	ITEM	LENGTH	POLE	LOCATION
SP1	EXISTING	33'	SIGNAL POLE	EXISTING
SP2	EXISTING	33'	SIGNAL POLE	EXISTING
PP1	680.6812	12'	PEDESTRIAN POLE	U 23+73.7; 26.7' LT.
PP2	680.6812	12'	PEDESTRIAN POLE	U 23+73.6; 29.7' RT.
PP3	680.6812	12'	PEDESTRIAN POLE	U 23+06.8; 26.8' LT.
PP4	680.6812	12'	PEDESTRIAN POLE	U 23+08.3; 29.8' RT.
PP5	680.6812	12'	PEDESTRIAN POLE	U 23+18.2; 36.4' LT.
PP6	680.6812	12'	PEDESTRIAN POLE	U 23+59.0; 36.4' LT.
PP7	680.6812	12'	PEDESTRIAN POLE	U 23+18.5; 39.8' RT.
PP8	680.6812	12'	PEDESTRIAN POLE	U 23+59.2; 40.3' RT.
BP1	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 22+99.7; 25.8' RT.
BP2	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 23+82.1; 14.6' RT.

PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8  
 1-4C  
 PP1 TO PB2  
 PP2 TO PB6  
 PP3 TO PB4  
 PP4 TO PB5  
 PP5 TO PB4  
 PP6 TO PB2  
 PP7 TO PB5  
 PP8 TO PB6  
 1-2C, 1-5C  
 HEAD 6 TO SP2  
 1-15C (EXISTING)  
 PB6 TO SP2  
 10-2C, 8-5C, 4-25C  
 SP2 TO CONTROLLER  
 10-2C, 8-5C, 4-25C  
 1-3C (PRE-EMPT)



124  
127

UNIVERSITY OF SYRACUSE  
 SYRACUSE, NY 13244-1070  
 FOUNDED 1870

Syracuse

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Barton & Loguidice, P.C.

EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

HARRISON AVENUE AT UNIVERSITY AVENUE INTERSECTION  
 SCALE: AS SHOWN  
 DATE ISSUED: 4/2011  
 DRAWING TSP-5

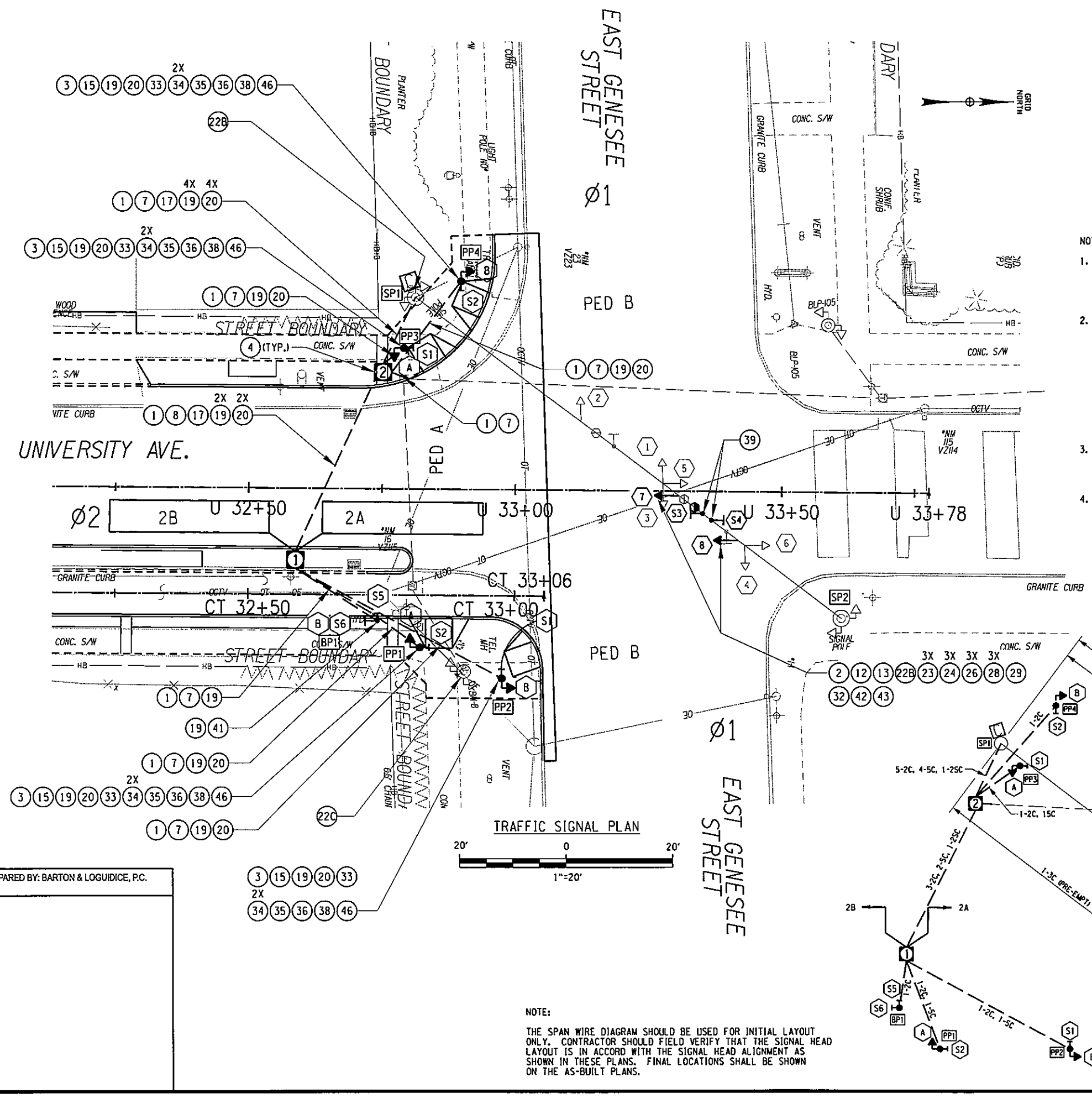


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IN CHARGE OF JPD DESIGN BY DJR CHECKED BY TRJ ESTIMATED BY TRJ CHECKED BY DJR/PJC DRAFTED BY TRJ CHECKED BY DJR

PREPARED BY: BARTON & LOGUIDICE, P.C.



NUMBER	ITEM	LENGTH	POLE	LOCATION
SP1	EXISTING	33'	SIGNAL POLE	EXISTING
SP2	EXISTING	33'	SIGNAL POLE	EXISTING
PP1	680.6812	12'	PEDESTRIAN POLE	U 32+82.3; 29.9' RT.
PP2	680.6812	12'	PEDESTRIAN POLE	U 32+97.7; 35.6' RT.
PP3	680.6812	12'	PEDESTRIAN POLE	U 32+78.9; 26.2' LT.
PP4	680.6812	12'	PEDESTRIAN POLE	U 32+89.4; 39.3' LT.
BP1	680.8226	6'	BICYCLE PUSHBUTTON STATION	U 32+74.3; 24.9' RT.

- NOTES:
- EXISTING CONTROLLER CABINET, ELECTRIC METER, DISCONNECT BOX, TRAFFIC SIGNAL CABLE, CONTROLLER AND SPANWIRE SHALL REMAIN IN PLACE AND BE USED WITH THE NEW SIGNAL HEADS. THE CONTRACTOR SHALL UTILIZE THE EXISTING POWER SOURCE CURRENTLY ENERGIZING THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL LEAVE IN PLACE EXISTING OPTICOM PREEMPT EQUIPMENT AND COMMUNICATION CABLE.
  - UNDER ITEM 680.78----01, THE CONTRACTOR SHALL:
    - REMOVE EXISTING PULL BOX 1 AND RELOCATE TO NEW LOCATION SHOWN ON THE PLAN, EXTEND EXISTING CONDUIT TO NEW PULLBOX LOCATION, AND REROUTE CABLES THROUGH NEW PULLBOX LOCATION TO EXISTING SIGNAL POLE SP1.
    - REMOVE EXISTING PEDESTRIAN PUSHBUTTON AND PEDESTRIAN HEADS FROM EXISTING POLE SP1 AND DISCONNECT ASSOCIATED SIGNAL CABLE FROM CONTROLLER ASSEMBLY. THE HOLES FROM THE PUSHBUTTON AND HEADS SHALL BE COVERED. DETAILS OF THE COVER TO BE DETERMINED BY THE CONTRACTOR TO FIT TIGHTLY, EXCLUDE WATER, AND BE REMOVABLE WITH A WRENCH. THE COVER, ALL FASTENERS, NUTS, AND WASHERS SHALL BE STAINLESS STEEL AND NON-MAGNETIC.
  - THE CONTRACTOR SHALL CONNECT NEW SIGNAL HEADS 7 AND 8 AND OVERHEAD SIGNS TO EXISTING SPANWIRE. THE CONTRACTOR SHALL CONNECT EXISTING SIGNAL CABLE AND CONDUCTORS TO THE PROPOSED SIGNAL HEADS. INSTALLATION OF NEW EQUIPMENT SHALL BE PAID FOR UNDER THEIR RESPECTIVE ITEMS.
  - THE CONTRACTOR SHALL INSTALL PEDESTRIAN PUSHBUTTONS AND SIGNS SO THAT THEY ARE IN COMPLIANCE WITH THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT OF 1990.

NOTE:  
 THE SPAN WIRE DIAGRAM SHOULD BE USED FOR INITIAL LAYOUT ONLY. CONTRACTOR SHOULD FIELD VERIFY THAT THE SIGNAL HEAD ALIGNMENT AS SHOWN IN THESE PLANS. FINAL LOCATIONS SHALL BE SHOWN ON THE AS-BUILT PLANS.

WIRING DIAGRAM AND SIGNAL HEAD LAYOUT  
 NOT TO SCALE

PP1, PP2, PP3, PP4  
 1-4C  
 SP1 TO CONTROLLER  
 3-2C, 2-5C, 1-2SC,  
 1-3C (PRE-EMPT)

126  
127

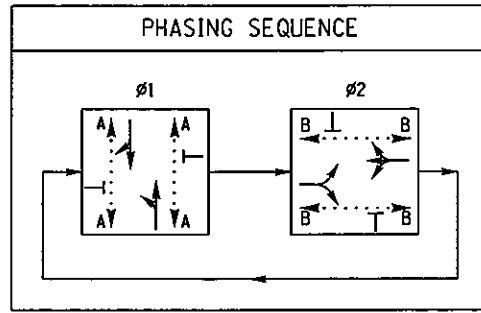
UNIVERSITY AVENUE CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1  
 P.I.N. 3754.46

UNIVERSITY AVENUE AT EAST GENESEE STREET INTERSECTION  
 SCALE: AS SHOWN  
 DATE ISSUED: 4/2011  
 DRAWING TSP-7

Barton & Loguidice, P.C.  
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SYRACUSE UNIVERSITY  
 FOUNDED 1828

IN CHARGE OF \_\_\_\_\_ DESIGN BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_ ESTIMATED BY \_\_\_\_\_ DRAFTED BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_



DETECTOR NUMBER	PHASE NUMBER	FUNCTION	TYPE	SIZE (FT)	NUMBER OF TURNS
2A	#2	PRESENCE	LOOP	6' x 30'	3
2B	#2	PRESENCE	LOOP	6' x 30'	3

ITEM NUMBER	LOCATION NUMBER	SIGN TEXT	SIZE OF SIGN	M.U.T.C.D. NUMBER	TYPE OF MOUNT
680.8131--10 (3 EA.)	S1		9" x 15" 0.94 SF	R10-3e L	POLE
680.8131--10 (1 EA.)	S2		9" x 15" 0.94 SF	R10-3e R	POLE
680.8210	S3		24" x 24" 4.0 SF	R3-27	OVERHEAD SPAN WIRE
680.8210	S4		30" x 36" 7.5 SF	R3-5L	OVERHEAD SPAN WIRE
680.8226	S5		9" x 15" 0.94 SF	R10-3o L	POLE
680.8226	S6		12" x 18" 1.50 SF	R9-5	POLE

PHASE	FACE								PED A	PED B
	1	2	3	4	5	6	7	8		
#1	G	G	G	G	R	R	R	R		
PED CLEAR	G	G	G	G	R	R	R	R		
CLEAR 1	Y	Y	Y	Y	R	R	R	R		
CLEAR 2	R	R	R	R	R	R	R	R		
#2	R	R	R	R	G	G	G	G		
PED CLEAR	R	R	R	R	G	G	G	G		
CLEAR 1	R	R	R	R	Y	Y	Y	Y		
CLEAR 2	R	R	R	R	R	R	R	R		
FLASHING OPERATION	FY	FY	FY	FY	FR	FR	FR	FR	DARK	DARK

12" DIAMETER LENSES	1	2	3	4	5	6	7	8	PED A	PED B
(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)	(R)		
(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	(Y)	00	00
(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)	(G)		

\* THERE WILL BE A WALKING PERSON SYMBOL FOLLOWED BY A FLASHING "HAND" SYMBOL PEDESTRIAN CLEARANCE INTERVAL THEN A STEADY "HAND" SYMBOL IF PEDESTRIAN BUTTON HAS BEEN ACTIVATED

\*\*\* FLASHING

PREPARED BY: BARTON & LOGUIDICE, P.C.

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NO. DATE BY REVISION

UNIVERSITY OF SYRACUSE  
 STATE UNIVERSITY OF NEW YORK  
 COLLEGE OF ENGINEERING AND TECHNOLOGY  
 FOUNDED 1828

**Barton**  
 Loguidice, P.C.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS DRAWING IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW ARTICLE 145 SECTION 7209

EAST GENESEE STREET CONNECTIVE CORRIDOR  
 CITY OF SYRACUSE  
 ONONDAGA COUNTY  
 CONTRACT 1 P.I.N. 3754.46

UNIVERSITY AVE.  
 AT E. GENESEE ST. INTERSECTION TABLES

SCALE: NONE  
 DATE ISSUED: 4/2011  
 DRAWING TSP-8