

6-28-13
JOB # 2011095.01

COPYRIGHT © 2012 WALGREEN CO. ALL RIGHTS RESERVED

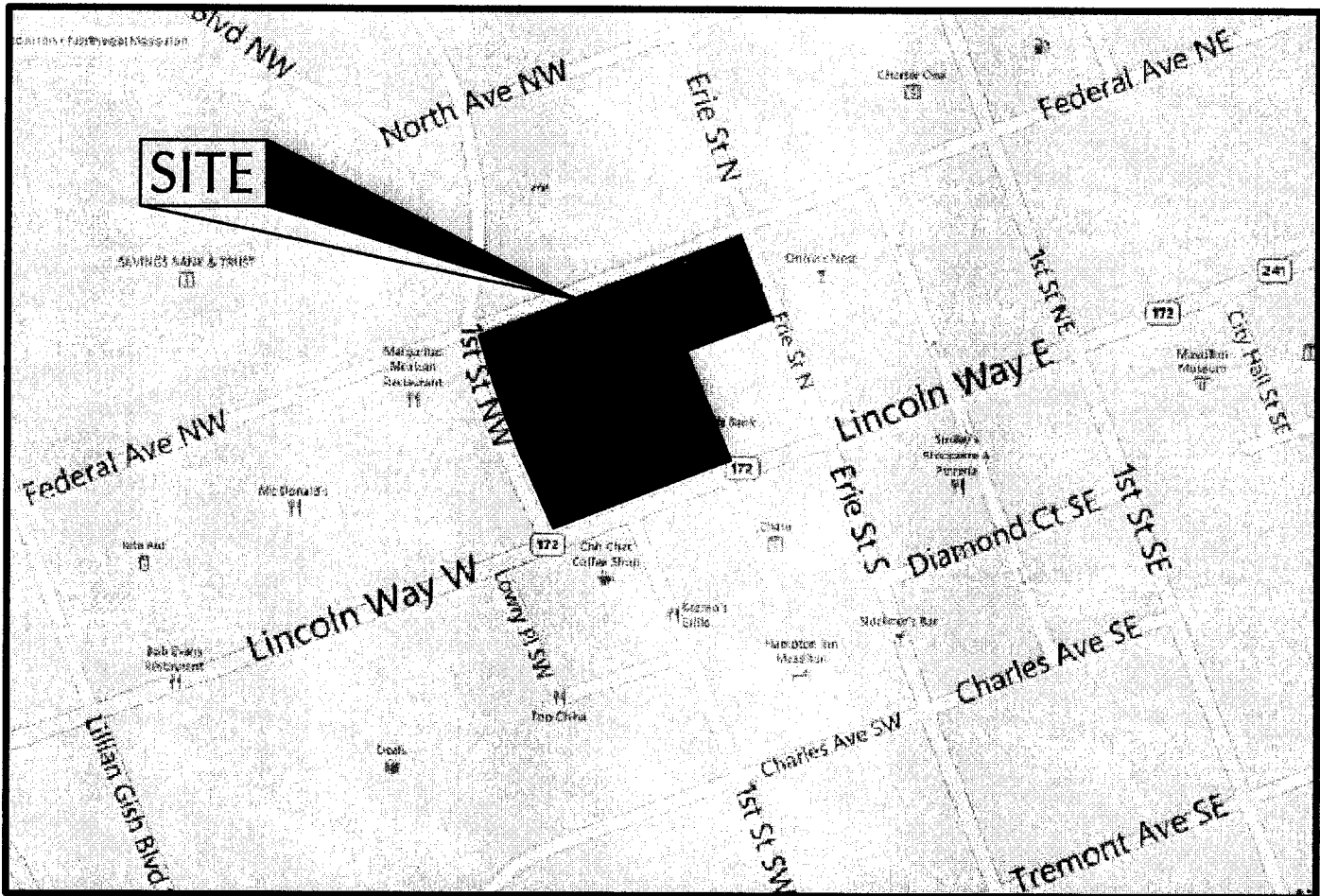
DEMOLITION NOTES		GENERAL PLAN NOTES		UTILITY NOTES		GENERAL LEGENDS	
<div>1. DEMOLITION INCLUDES THE FOLLOWING WITHIN THE PROPERTY LINES: 1.A. TRANSFER BENCHMARK CONTROL TO NEW LOCATIONS OUTSIDE THE DISTURBED AREA PRIOR TO COMMENCING DEMOLITION OPERATIONS. 1.B. DEMOLITION AND REMOVAL OF BUILDING. 1.C. DEMOLITION AND REMOVAL OF SITE IMPROVEMENTS. 1.D. DISCONNECTING, CAPPING OR SEALING, AND ABANDONING/REMOVING SITE UTILITIES IN PLACE (WHICHEVER IS APPLICABLE). 2. REMOVE; REMOVE AND LEGALLY DISPOSE OF ITEMS EXCEPT THOSE INDICATED TO BE REINSTALLED, SALVAGED, OR TO REMAIN. 3. REMOVE, REINSTALL, AND RELOCATE: REMOVE ITEMS INDICATED; CLEAN, SERVICE, AND OTHERWISE PREPARE THEM FOR REUSE; STORE AND PROTECT AGAINST DAMAGE. REINSTALL ITEMS IN LOCATIONS INDICATED. 4. EXISTING TO REMAIN- PROTECT ITEMS INDICATED TO REMAIN AGAINST DAMAGE AND SOLID DURING DEMOLITION WHEN PERMITTED BY THE ENGINEER. ITEMS MAY BE REMOVED TO A SUITABLE PROTECTED STORAGE LOCATION DURING DEMOLITION AND THEN CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS. 5. CONTRACTOR SHALL SCHEDULE DEMOLITION ACTIVITIES WITH THE CONSTRUCTION/PROJECT MANAGER INCLUDING THE FOLLOWING: 5.A. DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK, WITH STARTING AND ENDING DATES FOR EACH ACTIVITY. 5.B. DATES FOR SHUTOFF, CAPPING, AND CONTINUATION OF UTILITY SERVICES. 5.C. IDENTIFY AND ACCURATELY LOCATE UTILITIES AND OTHER SUBSURFACE STRUCTURAL, ELECTRICAL, OR MECHANICAL CONDITIONS. 6. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE STARTING DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION. 7. STORAGE OR SALE OF REMOVED ITEMS OR MATERIALS ON-SITE WILL NOT BE PERMITTED. 8. OBTAIN APPROVED BORROW SOIL MATERIALS OFF-SITE WHEN SUFFICIENT SATISFACTORY SOIL MATERIALS ARE NOT AVAILABLE ON-SITE. 9. MAINTAIN EXISTING UTILITIES INDICATED TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION OPERATIONS. 9.A. DO NOT INTERRUPT EXISTING UTILITIES SERVING OCCUPIED OR OPERATING FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY ENGINEER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND TO GOVERNING AUTHORITIES. 10. DO NOT START DEMOLITION WORK UNTIL UTILITY DISCONNECTING AND SEALING HAVE BEEN COMPLETED AND VERIFIED IN WRITING. 11. UTILITY REQUIREMENTS: LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES SERVING THE SITE. 11.A. ARRANGE TO SHUT OFF AND CAP UTILITIES WITH UTILITY COMPANIES AND FOLLOW THEIR RESPECTIVE UTILITY KILL AND CAP POLICIES. 12. CONDUCT DEMOLITION OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN. ENSURE SAFE PASSAGE OF PEOPLE AROUND DEMOLITION AREA. 12.A. ERECT TEMPORARY PROTECTION, BARRICADES AS PER LOCAL GOVERNING AUTHORITIES. 12.B. PROTECT EXISTING SITE IMPROVEMENTS AND APPURTENANCES TO REMAIN. 13. EXPLOSIVES: USE OF EXPLOSIVES WILL NOT BE PERMITTED. 14. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. 15. CLEAN ADJACENT BUILDINGS AND IMPROVEMENT OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE START OF DEMOLITION. 16. DAMAGES: PROMPTLY REPAIR DAMAGES TO ADJACENT FACILITIES CAUSED BY DEMOLITION OPERATIONS AT THE CONTRACTORS COST. 17. GENERAL: PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON-SITE. 18. BURNING: DO NOT BURN DEMOLISHED MATERIALS. 19. ASBESTOS: IT IS NOT EXPECTED THAT ASBESTOS WILL BE ENCOUNTERED IN THE COURSE OF THIS CONTRACT. IF ANY MATERIALS SUSPECTED OF CONTAINING ASBESTOS ARE ENCOUNTERED, DO NOT DISTURB THE MATERIALS. IMMEDIATELY NOTIFY THE ENGINEER AND THE OWNER. 20. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING DEMOLITION. 21. BUILDING PAD DEMOLITION: DEMOLISH BUILDING PAD COMPLETELY AND REMOVE FROM THE SITE. USE METHODS REQUIRED TO COMPLETE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS: 21.A. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY. 21.B. DEMOLISH CONCRETE AND MASONRY IN SMALL SECTIONS. 21.C. BREAK UP AND REMOVE CONCRETE SLABS ON GRADE. 22. BELOW-GRADE DEMOLITION: DEMOLISH FOUNDATION WALLS AND OTHER BELOW-GRADE DEMOLITION, AS FOLLOWS: 22.A. COMPLETELY REMOVE BELOW-GRADE DEMOLITION, INCLUDING FOUNDATION WALLS FOOTINGS, AND BELOW GRADE CONCRETE SLABS. 23. FILLING BELOW-GRADE AREAS: COMPLETELY FILL BELOW-GRADE AREAS AND VOIDS RESULTING FROM DEMOLITION OF BUILDINGS AND PAVEMENTS WITH SOIL MATERIALS ACCORDING TO REQUIREMENTS PER SOILS REPORT. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO FILLING ANY AREAS. CONTRACTOR SHALL CONTACT ENGINEER TO OBSERVE FILL PROCEDURES. 24. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. 24.A. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE ALTERNATE ROUTES AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS IF REQUIRED BY GOVERNING REGULATIONS. 25. CONTRACTOR TO SAWCUT EXISTING PAVEMENT TO REMAIN PRIOR TO CURB, GUTTER, PAVEMENT, ETC REMOVAL.</div>		<div>1. PRIOR TO STARTING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE SURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AUTHORITIES. 2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF THE LOCAL GOVERNING AUTHORITY. THE SOILS REPORT PREPARED BY TERRACON CONSULTANTS, INC. DATED MARCH XX, 2013 AND RECOMMENDATIONS SET FORTH THEREIN ARE A PART OF THE REQUIRED CONSTRUCTION DOCUMENTS AND TAKE PRECEDENCE UNLESS SPECIFICALLY NOTED OTHERWISE ON THE PLANS. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION/PROJECT MANAGER OF ANY DISCREPANCY BETWEEN SOILS REPORT AND PLANS, ETC. 3. UPON RECEIPT OF POINT COORDINATE DATA, THE CONTRACTOR SHALL RUN AN INDEPENDENT VERTICAL CONTROL TRAVERSE TO CHECK BENCHMARKS AND A HORIZONTAL CONTROL TRAVERSE THROUGH GIVEN POINTS TO CONFIRM GEOMETRIC DATA AND SUBMIT TO THE ENGINEER PRIOR TO ANY CONSTRUCTION. 4. THE LOCATIONS OF UNDERGROUND FACILITIES SHOWN ON THE PLAN ARE BASED ON FIELD SURVEYS AND CITY RECORDS. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE. 5. ALL DIMENSIONS, GRADES, AND UTILITY LOCATIONS SHOWN ON THESE PLANS WERE BASED ON THE ALTA SURVEY. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION/PROJECT MANAGER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO INFORMATION SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN. 6. ALL WORK WITHIN THE RIGHTS OF WAY SHALL BE IN ACCORDANCE WITH THE GOVERNING JURISDICTION AND SPECIFICATIONS. 7. CONTRACTOR SHALL COORDINATE ANY MAINTENANCE OF TRAFFIC WITH THE OWNER'S REPRESENTATIVE AND THE LOCAL JURISDICTION PRIOR TO CONSTRUCTION. 8. CONTRACTOR SHALL AT ALL TIMES INSURE THAT SWPP MEASURES PROTECTING EXISTING DRAINAGE FACILITIES BE IN PLACE PRIOR TO THE COMMENCEMENT OF ANY PHASE OF THE SITE CONSTRUCTION OR LAND ALTERATION. (SEE SWP SHEETS). 9. UPON COMPLETION OF PROJECT, CONTRACTOR SHALL CLEAN THE PAVED AREAS PRIOR TO REMOVAL OF TEMPORARY SEDIMENT CONTROLS, AS DIRECTED BY THE CITY AND/OR CONSTRUCTION/PROJECT MANAGER. IF POWER WASHING IS USED, NO SEDIMENT LADEN WATER SHALL BE WASHED INTO THE STORM SYSTEM. ALL SEDIMENT LADEN MATERIAL ON PAVEMENT OR WITHIN THE STORM SYSTEM SHALL BE COLLECTED AND REMOVED FROM THE SITE AT CONTRACTOR'S EXPENSE. 10. THESE PROJECT CONSTRUCTION DOCUMENTS SHALL NOT CONSTITUTE A CONTRACTUAL RELATIONSHIP BETWEEN THE ENGINEER AND THE CONTRACTOR OR THE ENGINEER AND THE SUBCONTRACTOR. 11. THE ENGINEER WILL NOT BE RESPONSIBLE FOR CONSTRUCTION OR SAFETY MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES UTILIZED IN CONSTRUCTION BY THE CONTRACTOR OR SUBCONTRACTORS.</div>		<div>GENERAL UTILITY NOTES 1. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES IMMEDIATELY AFTER BID IS AWARDED AND ENSURE THE UTILITY COMPANIES HAVE THE ESSENTIALS REQUIRED FOR COMPLETE SERVICE INSTALLATION. CONTRACTOR SHALL NOTIFY CONSTRUCTION MANAGER AND ENGINEER OF ANY TIME FRAMES ESTABLISHED BY UTILITY COMPANIES WHICH WILL NOT MEET OPENING DATE. 2. CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, INVERT ELEVATION, AND CONDITION OF EXISTING UTILITIES WHICH ARE INTERFERED TO AS A CONNECTION POINT FOR ALL PROPOSED UTILITIES (SEE SHEET C-131). PRIOR TO ANY CONSTRUCTION, CONTRACTOR TO ENSURE EXISTING UTILITIES ARE IN GOOD CONDITION AND FREE FLOWING (IF APPLICABLE), IF ELEVATIONS, SIZE, OR LOCATION DIFFER FROM WHAT IS SHOWN ON SHEET C-131, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY. 3. WHERE PLANS PROVIDE FOR PROPOSED WORK TO BE CONNECTED TO, OR CROSS OVER AN EXISTING SEWER OR UNDERGROUND UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING PIPES OR UTILITIES BOTH AS TO LINE AND GRADE BEFORE STARTING THE PROPOSED WORK. IF IT IS DETERMINED THAT THE ELEVATION OF THE EXISTING CONDUIT OR EXISTING APPURTENANCE RESULTS IN A CHANGE IN THE PLAN, THE ENGINEER SHALL BE NOTIFIED BEFORE STARTING CONSTRUCTION OF ANY PORTION OF THE PROPOSED WORK WHICH WOULD BE AFFECTED BY THE INTERFERENCE WITH AN EXISTING FACILITY. PAYMENT FOR ALL THE OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE PERTINENT ITEM.</div> <div>STORM SEWER NOTES 1. ALL STORM SEWER PIPE 12" OR GREATER IN DIAMETER SHALL BE RCP, CL IV, PER ASTM C76, AND JOINTS PER ASTM C-443 OR PVC, SDR 35, PER ASTM D 3034, AND JOINTS PER ASTM D 3212. 54" RELOCATED STORM SEWER MAIN SHALL BE RCP. STORM SEWER LESS THAN 12" IN DIAMETER SHALL BE PVC, SDR 35, PER ASTM D 3034, AND JOINTS PER ASTM D 3212. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRENCHING, BACKFILLING AND PIPE INSTALLATION, PIPE MATERIAL AND TAP CONNECTION. COORDINATE ALL WORK WITH THE CITY OF MASSILLON ENGINEERING DEPARTMENT @ 330-830-1722. 3. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUDED TO ASSURE CONNECTION AT STRUCTURE IS WATER-TIGHT. 4. ALL STORM SEWER MANHOLES AND CATCH BASINS IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING FRAME & GRATE. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER." 5. ALL DRAINAGE STRUCTURES AT PAVEMENT SUMPS SHALL HAVE FINGER DRAINS PER DETAIL 2, SHEET C-502.</div>		<div>PROPOSED LEGEND # CONSTRUCTION KEYNOTE OO PROPOSED PARKING SPACE NUMBER — PROPOSED EDGE OF PAVEMENT — PROPOSED CURB —+— PROPOSED WHEEL STOP —+— PROPOSED TRAFFIC SIGN —+— PROPOSED PAINTED ADA SYMBOL // PROPOSED TRANSVERSE STRIPING // PROPOSED CROSSWALK STRIPING ••• PROPOSED CONCRETE □ PROPOSED STANDARD ASPHALT PAVEMENT □ PROPOSED HEAVY DUTY ASPHALT PAVEMENT BENCHMARK # ---XX" ST--- EXISTING STORM SEWER ---XX" SAN--- EXISTING SANITARY SEWER ---XX" W--- EXISTING WATER SERVICE ---E--- EXISTING UNDERGROUND ELECTRIC ---T--- EXISTING UNDERGROUND TELEPHONE ---GAS--- EXISTING GAS SERVICE EXISTING BUILDING/STRUCTURE EXISTING CURB EXISTING CURB & CUTTER EXISTING SIGN EXISTING FLAGPOLE EXISTING MAILBOX EXISTING BUSH EXISTING DECIDUOUS TREE EXISTING PINE TREE EXISTING CONTOUR EASEMENT LIMITS BENCHMARK LOCATION</div> <div>EXISTING LEGEND EXISTING ASPHALT TO BE REMOVED EXISTING CONCRETE TO BE REMOVED EXISTING BUILDING/STRUCTURE TO BE REMOVED EXISTING BRICK PAVERS TO BE REMOVED DENOTES LIMITS OF SAWCUT DEMOLITION KEYNOTE PROPERTY LINE CENTER LINE RIGHT-OF-WAY LINE EXISTING YARD DRAIN EXISTING STORM MANHOLE EXISTING CATCH BASIN EXISTING CURB INLET EXISTING CLEAN OUT EXISTING SANITARY MANHOLE EXISTING FIRE HYDRANT EXISTING WATER VALVE EXISTING WATER METER EXISTING ELECTRIC BOX EXISTING ELECTRIC METER EXISTING ELECTRIC MANHOLE EXISTING ELECTRIC PULL BOX EXISTING LIGHT POLE EXISTING GUY WIRE EXISTING OVERHEAD UTILITIES EXISTING TRAFFIC CONTROLLER EXISTING TRAFFIC PULL BOX EXISTING SIGNAL POLE EXISTING TELEPHONE BOX EXISTING TELEPHONE PULL BOX EXISTING GAS VALVE EXISTING GAS METER EXISTING GAS MARKER EXISTING STORM SEWER EXISTING SANITARY SEWER EXISTING WATER SERVICE EXISTING UNDERGROUND ELECTRIC EXISTING UNDERGROUND TELEPHONE EXISTING GAS SERVICE EXISTING BUILDING/STRUCTURE EXISTING CURB EXISTING CURB & CUTTER EXISTING SIGN EXISTING FLAGPO</div>	

ALTA/ACSM LAND TITLE SURVEY

CITY OF MASSILLON
COUNTY OF STARK
STATE OF OHIO

LEGEND:

	MONUMENT BOX FOUND AS NOTED
	IRON PIN FOUND AS NOTED
	DRILL HOLE, MAG NAIL OR PK NAIL FOUND
	5/8" X 30" REBAR WITH CAP "GPD" SET
	EXISTING DECORATIVE LIGHT POLE
	EXISTING LIGHT POLE
	EXISTING SIGNAL POLE
	EXISTING ELECTRIC METER
	EXISTING SIGNAL BOX
	EXISTING ELECTRIC BOX
	EXISTING ELECTRIC TRANSFORMER
	EXISTING SANITARY MANHOLE
	EXISTING CLEAN OUT
	EXISTING STORM MANHOLE
	EXISTING CATCH BASIN
	EXISTING DOWN SPOUT
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING SPRINKLER VALVE
	EXISTING WATER METER
	EXISTING OUPS WATER LINE FLAG
	EXISTING OUPS GAS LINE MARKER
	EXISTING GAS LINE FLAG
	EXISTING GAS METER
	EXISTING GAS VALVE
	EXISTING TELEPHONE PEDESTAL
	EXISTING TELEPHONE MANHOLE
	EXISTING OUPS TELEPHONE LINE MARKER
	EXISTING TELEPHONE LINE MARKER
	EXISTING DECIDUOUS TREE
	EXISTING CONIFER TREE
	EXISTING BUSH
	EXISTING PIPE BOLLARD
	EXISTING OVERHEAD UTILITIES
	EXISTING UNDERGROUND ELECTRIC
	EXISTING UNDERGROUND GAS
	EXISTING UNDERGROUND TELEPHONE
	EXISTING UNDERGROUND WATER
	EXISTING UNDERGROUND SANITARY
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY LINE
	EXISTING CENTERLINE



LOCATION MAP



REFERENCES:

- COUNTY TAX MAP
- DEEDS
- PLATS
- TITLE REPORT

ZONING:

B2 - CENTRAL BUSINESS DISTRICT
INFORMATION NOT PROVIDED BY TITLE INSURER.

TITLE BOUNDARY DESCRIPTION:

Situated in the City of Massillon, County of Stark, State of Ohio, described as follows:
Tract 1: Situated in the City of Massillon, County of Stark and State of Ohio: And being a part of Lot No. One Hundred and Three (103), bounded and described as follows:
Beginning at the northeast corner of Lot Number 10508 in the City of Massillon, said corner being the true place of beginning of the tract of land herein to be described;
thence South 69° 19' 07" West and with the north line of Lot number 10508 and the westerly projection of said north line of Lot Number 10508 a distance of 83.00 feet to a point;
thence South 20° 37' 35" East a distance of 30 feet to a point on the north line of Lot Number 5162;
thence South 69° 19' 07" West and with the north line of Lot Number 5162 a distance of 38.77 feet to an iron pin, the northwest corner of Lot Number 5162 and the east line of Lot Number 13043;
thence North 20° 42' 10" West and with the east line of said Lot Number 13043 a distance or 30.00 feet to an iron pin;
thence North 14° 59' 40" West and with the east line of said Lot Number 13043 a distance of 40.21 feet to an iron pin;
thence North 09° 23' 40" West and with the east line of said Lot Number 13043 a distance of 40.38 feet to an iron pin and the south line of Federal Avenue, N.W.;
thence North 69° 19' 50" East and with the south line of Federal Avenue, N.W. a distance of 109.92 feet to a point and the west line of Erie Street, North;
thence South 20° 37' 35" East a with the west line of Erie Street a distance of 80.00 feet to a PK nail and the true place of beginning and containing 0.2413 acre.

Tract 2: Situated in the City of Massillon, County of Stark and State of Ohio: Being Lots Number Ninety-Nine (99), One Hundred (100), One Hundred One (101), One Hundred Two (102), Four Hundred Fifteen (415), Four Hundred Sixteen (416), Thirteen thousand Six Hundred Ninety-Three (13693), Thirteen Thousand Six Hundred Ninety-Four (13694), and Thirteen Thousand Six Hundred Ninety-Five (13695), according to the present numbering of lots in said City of Massillon, Ohio.

Tract 3: Situated in the City of Massillon, County of Stark and State of Ohio: Being Lot Number Thirteen Thousand Forty-Three (13043), according to the present numbering of lots in said City of Massillon, Ohio.

SCHEDULE B - SECTION II:

FIRST AMERICAM TITLE INSURANCE COMPANY
COMMITMENT No.: NCS-497381-CLE
EFFECTIVE DATE: JULY 29, 2011 at 8:00 a.m.

- Party Wall Agreement as recorded in Volume 375, Page 462, Stark County Records. (Lot 101)
(AFFECTS SITE. NO PLOTTABLE ITEMS)
- Restrictions contained in Deed recorded in Volume 1349, Page 587, Stark County Records. (Lot 101)
(DOES NOT AFFECT SITE, RESTRICTIONS NO LONGER IN EFFECT)
- Easement to the Ohio Public Land Company as recorded in Volume 1187, Page 387, Stark County Records. (Lot 103)
(DOES NOT AFFECT SITE. EASEMENT IN LEXINGTON TOWNSHIP, OHIO)
- Right of Way to The East Ohio Gas Company as recorded in Volume 2858, Page 191, Stark County Records. (Lot 103)
(AFFECTS SITE, PLOTTED AND SHOWN)
- Easement for storm sewer reserved in Deed recorded in Volume 3709, Page 621, Stark County Records. (Lot 13043)
(AFFECTS SITE, PLOTTED AND SHOWN)

GENERAL NOTES:

- THE DESCRIBED REAL ESTATE IS LOCATED IN A ZONE "X", AS INDICATED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S NATIONAL FLOOD INSURANCE PROGRAM PANEL NO. 39151C0192E, EFFECTIVE DATE OF SEPTEMBER 29, 2012.
- THE EXISTENCE AND/OR LOCATION OF UTILITIES WERE OBTAINED BY FIELD CHECKS AND RESEARCH OF AVAILABLE RECORDS, AS REQUIRED BY O.R.C. 153.64. IT IS BELIEVED THAT THEY ARE ESSENTIALLY CORRECT; THE SURVEYOR MAKES NO GUARANTEE TO THEIR ACCURACY OR COMPLETENESS. EXACT UTILITY LOCATIONS MUST BE FIELD VERIFIED AT THE TIME OF CONSTRUCTION.
- THIS SURVEY IS NOT FOR THE PURPOSE OF LOCATING OR IDENTIFYING ANY POLLUTANTS OR HAZARDOUS MATERIALS ON OR UNDER THE PROPERTY SHOWN HEREON.
- BENCHMARK ELEVATIONS ARE TO BE FIELD VERIFIED BEFORE ANY CONSTRUCTION BEGINS.

CERTIFICATION:

To _____

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2011 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA/ACSM LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 5, 6(a), 7(a), 8, 9, 10, 11(b), 13, 14, 17, AND 20(a) OF TABLE A THEREOF. FIELD WORK WAS COMPLETED ON FEBRUARY 29, 2012.

STEVEN L. MULLANEY, P.S. 7900

DATE

REV	DATE	DESCRIPTION

LINCOLN WAY W, ERIE ST. N,
FEDERAL AVE. NW & 1ST NW
MASSILLON, OHIO

ALTA/ACSM
LAND TITLE SURVEY

ISSUED FOR:	
PERMIT	-
BID	-
CONSTRUCTION	-
RECORD	-

PROJECT MANAGER	DESIGNER
SLM	JEK

JOB NO.
2011095.01

1 of 2

BASIS OF BEARING:
BASIS OF BEARING IS STATE PLANE GRID NORTH,
NAD 83(CORS 96), OHIO NORTH ZONE.

ELEVATIONS ARE NAVD 88.

BENCHMARK:

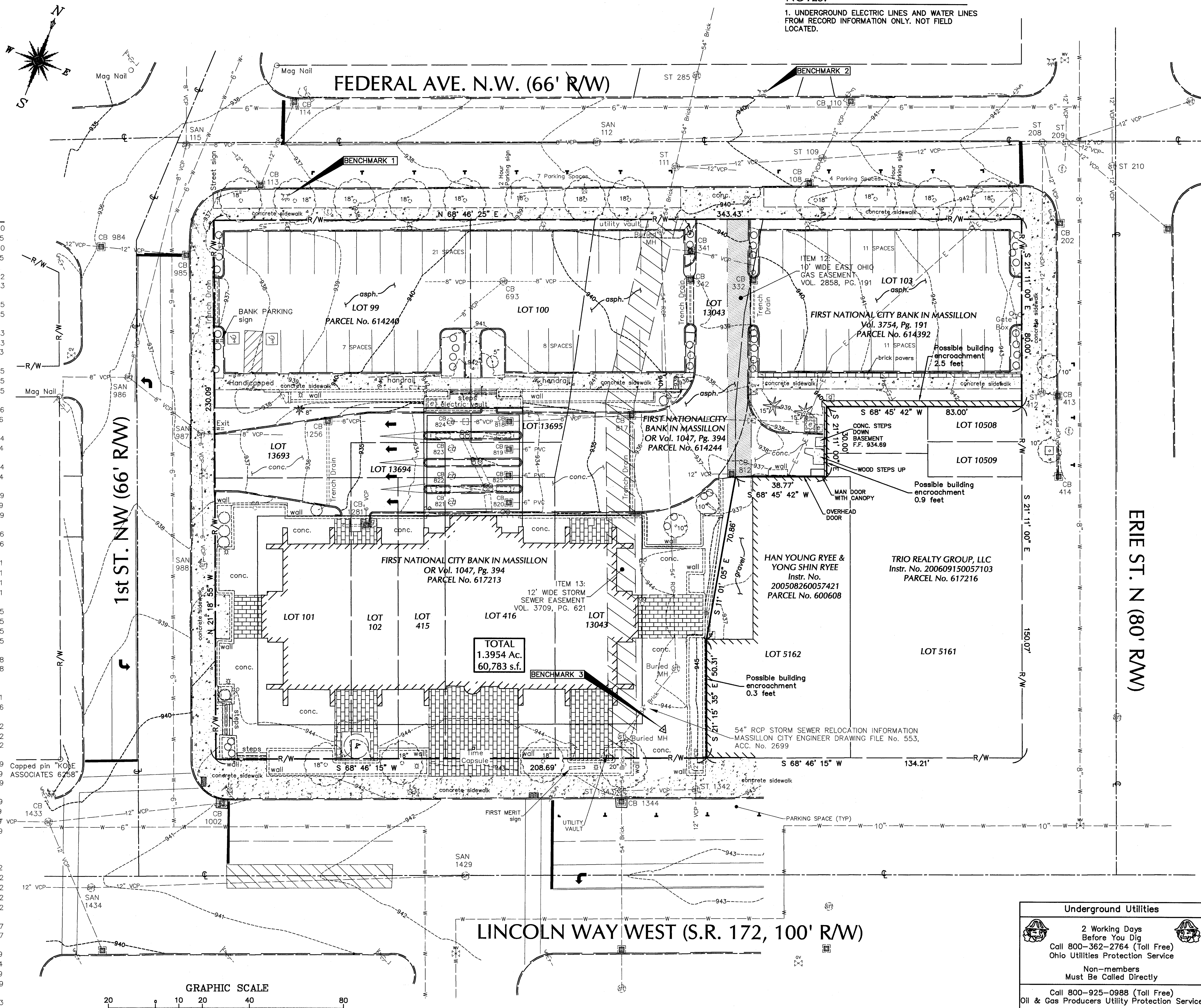
1. "ARROW" SYMBOL ON HYDRANT AT THE
SOUTHEAST CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 2238502
ELEV. = 939.82

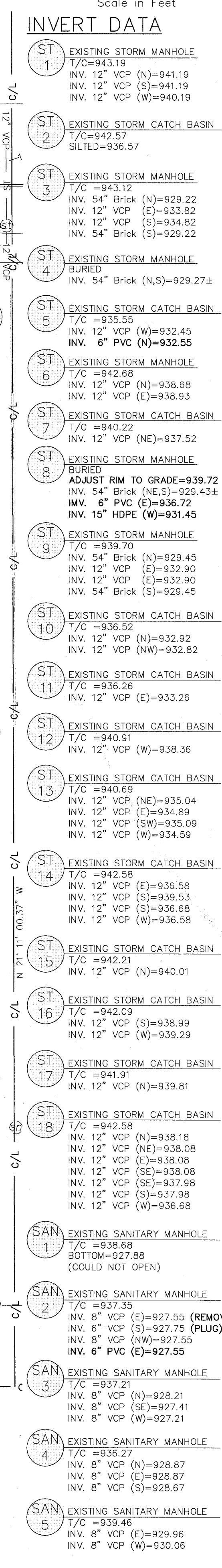
2. "ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF
FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2238674
ELEV. = 942.36

3. DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

INVERTS:

CB 108	T/C	=940.22	CB 693	T/C	=940.40
INV. 12" VCP NE	=937.52	INV. 8" VCP E	=931.95		
ST 109	T/C	=940.69	INV. 8" VCP SW	=934.40	
INV. 12" VCP NE	=935.04	INV. 8" VCP W	=931.95		
INV. 12" VCP E	=934.89	CB 665	T/C	=936.92	
INV. 12" VCP SW	=935.09	TOP OF SILT	=936.83		
INV. 12" VCP W	=934.59				
CB 110	T/C	=940.68	CB 812	T/C	=935.55
INV. 12" VCP S	=936.38	INV. 12" VCP W	=932.45		
ST 111	T/C	=939.70	CB 817	T/C	=935.53
INV. 54" Brick N	=929.45	INV. 8" VCP W	=932.03		
INV. 12" VCP E	=932.90	INV. Trench S	=934.13		
INV. 12" VCP E	=932.90	CB 818	T/C	=933.65	
INV. 54" Brick S	=929.45	INV. 8" VCP E	=930.95		
		INV. 8" VCP W	=930.95		
SAN 112	T/C	=939.46	CB 819	T/C	=933.56
INV. 8" VCP E	=929.96	INV. 6" PVC E	=931.56		
INV. 8" VCP W	=930.06				
CB 113	T/C	=936.52	CB 820	T/C	=933.54
INV. 12" VCP N	=932.92	INV. 6" PVC E	=931.54		
INV. 12" VCP NW	=932.82	CB 825	T/C	=933.64	
CB 114	T/C	=936.66	INV. 6" PVC E	=931.64	
INV. 12" VCP S	=933.26	CB 984	T/C	=936.09	
		INV. 12" VCP E	=931.29		
SAN 115	T/C	=936.27	INV. 12" VCP W	=930.99	
INV. 8" VCP N	=928.87	CB 985	T/C	=936.26	
INV. 8" VCP E	=928.87	INV. 12" VCP E	=933.26		
INV. 8" VCP S	=928.67				
CB 202	T/C	=942.21	SAN 986	T/C	=937.21
INV. 12" VCP N	=940.01	INV. 8" VCP N	=928.21		
ST 208	T/C	=942.58	INV. 8" VCP SE	=927.41	
INV. 12" VCP E	=936.58	INV. 8" VCP W	=927.21		
INV. 12" VCP S	=939.53				
INV. 12" VCP S	=936.68	SAN 987	T/C	=937.35	
INV. 12" VCP W	=936.58	INV. 8" VCP E	=927.55		
ST 209	T/C	=942.58	INV. 6" VCP S	=927.75	
INV. 12" VCP N	=938.18	INV. 8" VCP NW	=927.55		
INV. 12" VCP NE	=938.08	SAN 988	T/C	=938.68	
INV. 12" VCP E	=938.08	BOTTOM	=927.88		
INV. 12" VCP SE	=938.08	(COULD NOT OPEN)			
INV. 12" VCP SE	=937.98	CB 1002	T/C	=940.91	
INV. 12" VCP S	=937.98	INV. 12" VCP W	=938.36		
INV. 12" VCP W	=936.68				
ST 210	T/C	=942.88	CB 1256	T/C	=935.62
INV. 12" VCP N	=931.93	INV. 8" VCP E	=932.22		
INV. 12" VCP S	=931.93	INV. Trench S	=934.02		
ST 285	T/C	=940.02	CB 1281	T/C	=934.29
INV. 54" Brick N	=929.67	INV. 6" VCP N	=931.49		
INV. 54" Brick S	=929.67	INV. Trench W	=932.99		
CB 332	T/C	=939.04	ST 1342	T/C	=943.19
INV. 8" VCP N	=935.74	INV. 12" VCP N	=941.19		
INV. Trench S	=938.44	INV. 12" VCP S	=941.19		
		INV. 12" VCP W	=940.19		
CB 341	T/C	=940.13	ST 1343	T/C	=943.12
INV. 8" VCP E	=935.08	INV. 54" Brick N	=929.22		
INV. 8" VCP S	=935.08	INV. 12" VCP E	=933.82		
INV. 8" VCP W	=934.83	INV. 12" VCP S	=934.82		
CB 342	T/C	=939.82	INV. 12" VCP S	=934.82	
INV. 8" VCP N	=936.47	INV. 54" Brick S	=929.22		
INV. Trench S	=939.22				
ST 412	T/C	=942.68	CB 1344	T/C	=942.57
INV. 12" VCP N	=938.68	SILTED	=936.57		
INV. 12" VCP E	=938.93	ST 1433	T/C	=940.19	
CB 413	T/C	=942.09	INV. 12" VCP E	=936.14	
INV. 12" VCP S	=938.99	INV. 12" VCP SE	=936.19		
INV. 12" VCP W	=939.29	INV. 15" VCP W	=934.39		
CB 414	T/C	=941.91	SAN 1434	T/C	=940.93
INV. 12" VCP N	=939.81	INV. 12" VCP E	=930.78		
		INV. 12" VCP W	=930.78		
SAN 429	T/C	=942.58			
INV. 8" PVC Vertical	=933.58				





11 EXISTING CURB TO BE REMOVED.

12 EXISTING WALK TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

13 EXISTING PAVEMENT TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

14 EXISTING WALK TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION. REMOVE AND REPLACE ANY DAMAGED WALK AREAS DUE TO CONSTRUCTION.

15 EXISTING BUILDING/STRUCTURE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

16 EXISTING SIGNAGE TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

17 EXISTING LANDSCAPING (INCLUDING BUSHES, TREES, ETC.) TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

18 EXISTING UTILITIES TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

19 SAW CUT EXISTING CONCRETE RETAINING WALL FULL DEPTH ALLOWING FOR THE WEST HALF OF THE WALL TO BE REMOVED AND THE EAST HALF TO REMAIN. GRIND EDGES TO FORM A CHAMFER AROUND THE PERIMETER ELIMINATING SHARP EXPOSED EDGES.

20 EXISTING FLAG POLE TO BE SALVAGED AND RELOCATED. FOUNDATION TO BE REMOVED.

21 EXISTING TIME CAPSULE TO BE REMOVED AND RELOCATED TO PARK AREA NEAR CITY HALL. FINAL LOCATION TO BE APPROVED BY THE CITY. CONTRACTOR TO PROVIDE A 5X5' CONCRETE PAD OVER RELOCATED CAPSULE. DECORATIVE PLUGS TO BE SALVAGED AND PLACED IN CONCRETE PAD OVER CAPSULE. COORDINATE ALL WORK WITH CONSTRUCTION MANAGER.

22 EXISTING COVERED WALKWAY AND SUPPORT COLUMNS/FOUNDATIONS TO BE REMOVED.

23 EXISTING STEPS TO BE REMOVED.

24 EXISTING STEPS TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

25 EXISTING RETAINING WALL TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION.

26 EXISTING LIGHT POLE AND FOUNDATION TO BE REMOVED.

27 EXISTING CATCH BASIN AND STORM SEWER PIPE TO BE REMOVED.

28 EXISTING TRENCH DRAIN AND STORM SEWER PIPE TO BE REMOVED.

29 EXISTING CLEANOUT AND PIPE TO BE REMOVED.

30 EXISTING TRANSFORMER AND ELECTRICAL LINES TO BE REMOVED. OHIO DEEDS TO DE-ENERGIZE AND REMOVE THE TRANSFORMER. CONTRACTOR SHALL REMOVE THE VAULT, CONDUITS, AND WIRES. CONTRACTOR IS RESPONSIBLE FOR ALL EXCAVATION, BACKFILL, AND RESTORATION.

31 EXISTING GAS METER AND SERVICE LINE TO BE REMOVED.

32 EXISTING SANITARY SEWER LATERAL TO BE REMOVED.

33 SAW CUT AND REMOVE PAVEMENT AS REQUIRED FOR UTILITY AND CURB INSTALLATION.

34 SAW CUT EXISTING CONCRETE RETAINING WALL FULL DEPTH ALLOWING FOR THE SOUTHERN PORTION OF THE WALL TO BE REMOVED AND THE NORTHERN PORTION TO REMAIN. GRIND EDGES TO FORM A CHAMFER AROUND THE PERIMETER ELIMINATING SHARP EXPOSED EDGES.

35 PORTION OF 54" STORM SEWER TO BE REMOVED. REFER TO SHEET C-131 FOR RELOCATION INFORMATION.

36 EXISTING STORM STRUCTURE TO BE REMOVED. REFER TO SHEET C-131 FOR RELOCATION INFORMATION.

37 LOCATE EXISTING STRUCTURE AND RECONSTRUCT TO GRADE. REFER TO SHEET C-502 FOR DETAIL.

38 REFER TO SHEET C-131 FOR PROPOSED RISE ELEVATION.

39 ABANDON SANITARY LINE IN PLACE BY FILLING WITH GROUT. PLUG LINE AT MANHOLE SN-2 ENSURING A WATERTIGHT SEAL. REMOVE CASING AND MANHOLE SN-1 TO A MINIMUM OF 3' BELOW FINISH GRADE.



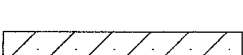
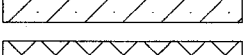

40 SEAL COAT PAVEMENT TO REMOVE PAVEMENT MARKINGS.

41 EXISTING TELEPHONE SERVICE LINES TO BE REMOVED.

42 EXISTING PLUG BOX FOR SITE LIGHTING TO BE REMOVED.

43 EXISTING OVERHEAD UTILITY LINE TO BE REMOVED.

LEGEND
(SEE SHEET C-001 FOR GENERAL LEGEND)

	EXISTING ASPHALT TO BE REMOVED
	EXISTING CONCRETE TO BE REMOVED
	EXISTING BUILDING/STRUCTURE TO BE REMOVED
	EXISTING BRICK PAVERS TO BE REMOVED
	DEMOLITION KEYNOTE



BASIS OF BEARING:
 BASIS OF BEARING IS STATE PLANE GRID NORTH,
 NAD 83(CORS 96), OHIO NORTH ZONE.
 ELEVATIONS ARE NAVD 88.

BENCHMARK:


BM 1
 "ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST
 CORNER OF FEDERAL AVE. & FIRST ST.
 N 413261
 E 2238502
 ELEV. = 939.82

BM 2
 "ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF
 FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
 N 413375
 E 2238674
 ELEV. = 942.36

BM 3
 DRILL HOLE SET IN CONCRETE WALK
 N 413106
 E 2238734
 ELEV. = 943.77

Underground Utilities		
	<p>2 Working Days Before You Dig</p> <p>Call 800-382-2764 (Toll Free)</p> <p>Ohio Utilities Protection Service</p>	
<p>Non-members Must Be Called Directly</p>		
<p>Call 800-925-0988 (Toll Free)</p> <p>Oil & Gas Producers Utility Protection Service</p>		

UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON
FIELD MARKING PROVIDED BY OUPS REQUEST #A205201330
& A205201333.



Walgreens
FACILITIES PLANNING
DESIGN AND ENGINEERING
106 WILLMOT ROAD
DEERFIELD, IL 60015-5105

BM 3
DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON
FIELD MARKING PROVIDED BY OUPS REQUEST #A205201330
& A205201333.

FEDERAL AVE. N.W. (66' R/W)

1st ST. NW (66' R/W) -

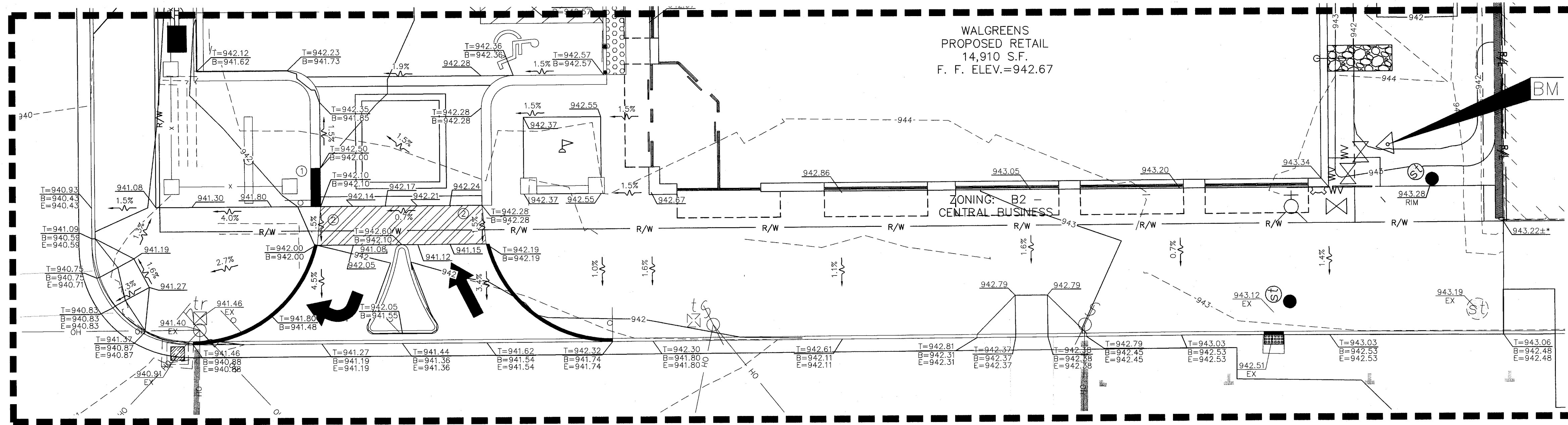
ERIE ST. N (80' R/W)

—LINCOLN WAY WEST (S.R. 172, 100' R/W)

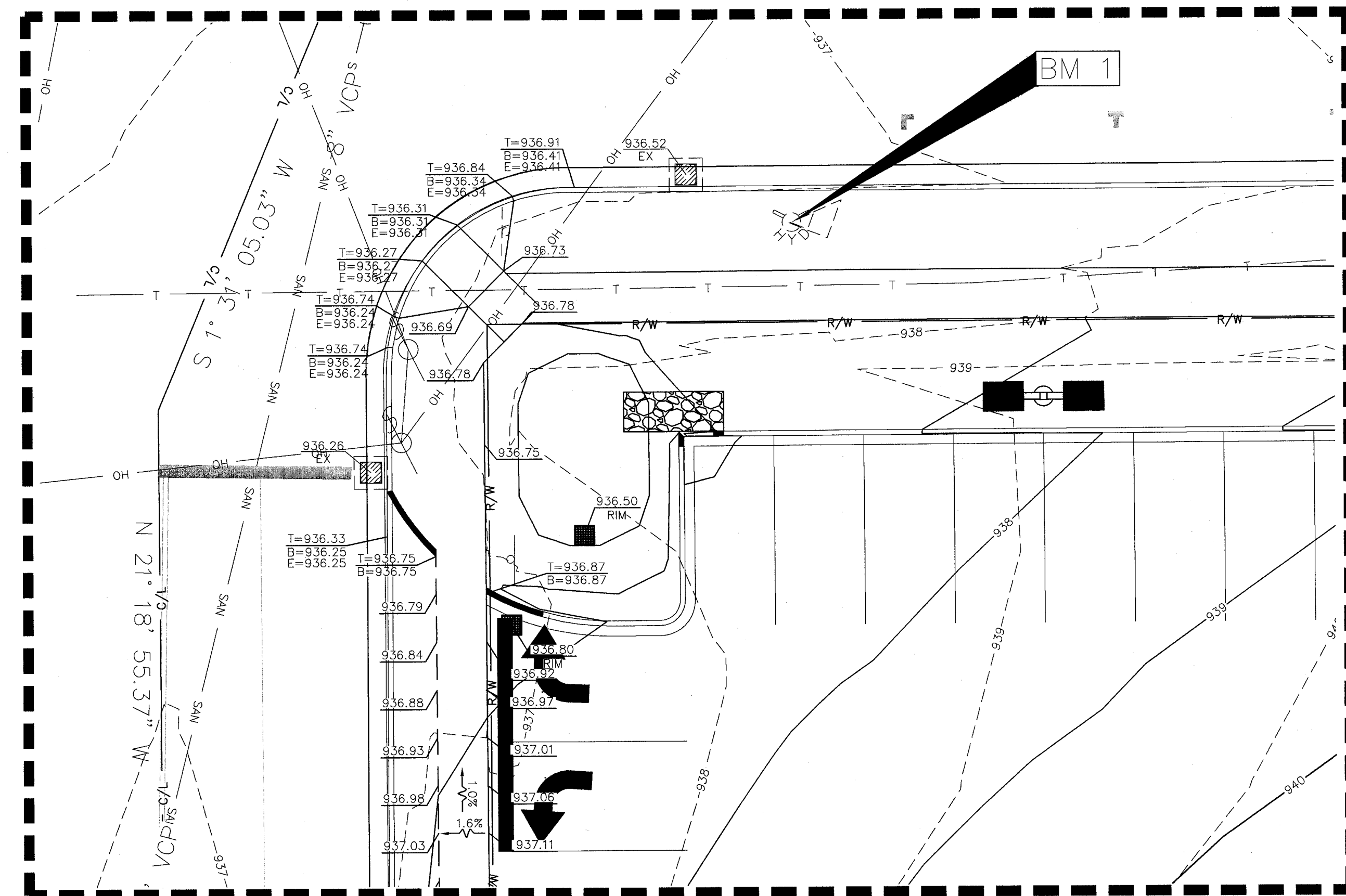
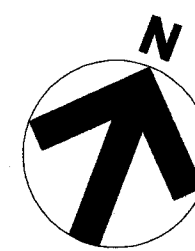
PARKING PROVIDED = 68 SPACES.

NOTE: CONTRACTOR TO VERIFY BENCHMARKS
PRIOR TO FINAL LAYOUT AND GRADING.

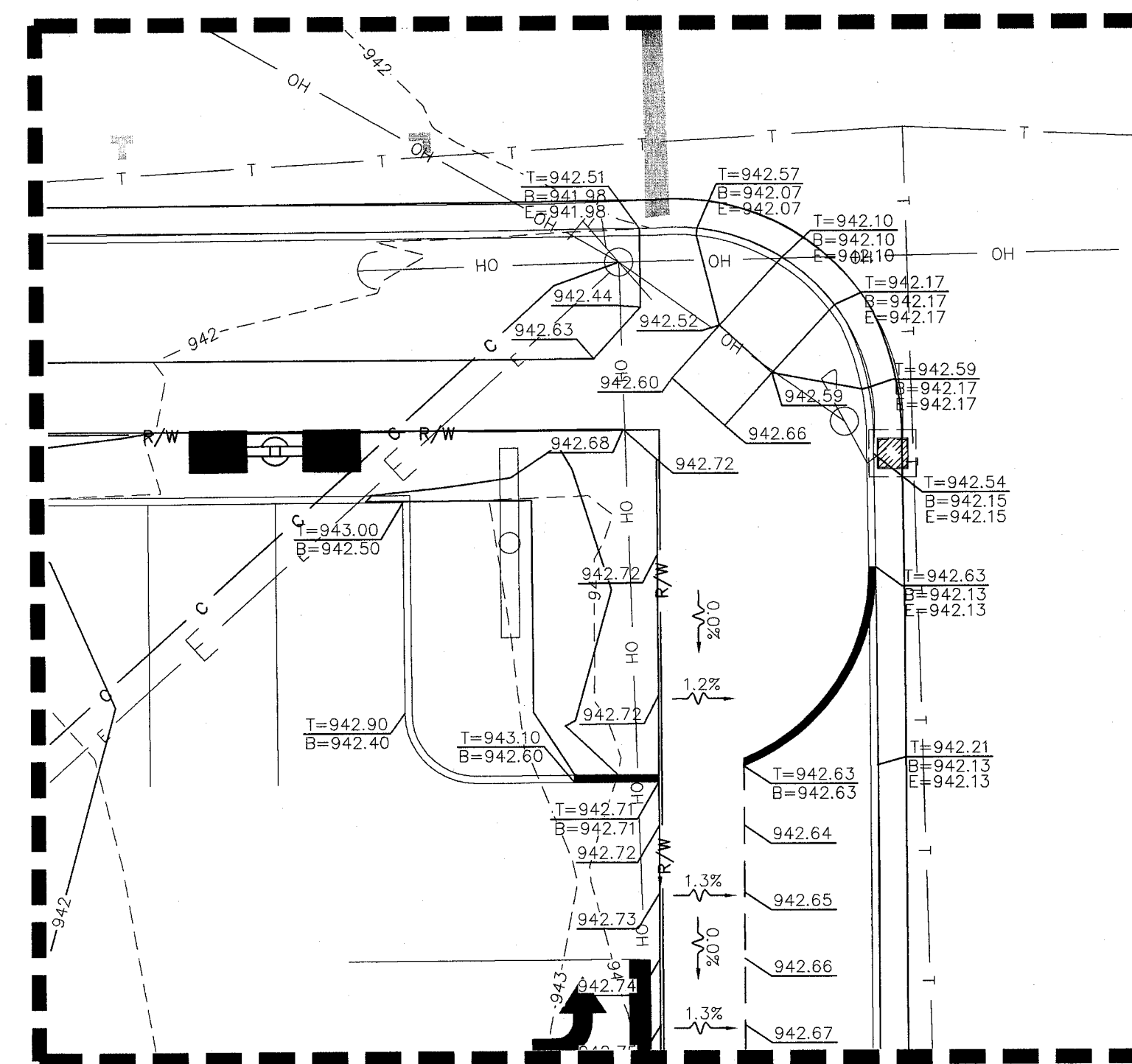
C-111



GRADING ENLARGEMENT PLAN
SCALE: 1"=10'



GRADING ENLARGEMENT PLAN
SCALE: 1"=10'



GRADING ENLARGEMENT PLAN
SCALE: 1"=10'

LEGEND

(SEE SHEET C-001 FOR GENERAL LEGEND)

- EXISTING CONTOUR
- PROPOSED CONTOUR
- 000.00 EX EXISTING SPOT ELEVATION
- 000.00 PROPOSED ELEVATION @ BOTTOM OF FRONT FACE AND/OR FINISHED PAVEMENT ELEVATION
- T=000.00 BOTTOM OF CURB ELEVATION
- B=000.00 BOTTOM OF CURB/FINISHED PAVEMENT ELEVATION
- 000.00+ MATCH EXISTING ELEVATION
- ① PROPOSED CURB TAPER. SEE DETAIL SHEET C-121
- ② PROPOSED WALK FLUSH WITH PAVEMENT
- DRAINAGE FLOW PATH

GENERAL NOTES

- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUND BREAK.
- FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT, UNLESS OTHERWISE INDICATED ON THE PLANS.
- ALL LANDSCAPE AREAS SHALL BE ROUGH GRADED AND FINISHED WITH 4" MIN. OF SCREENED TOPSOIL.
- ADA PARKING NOTES: ALL GRADES SHOWN ON ADA PARKING AREAS MUST BE MAINTAINED. PARKING-1.5% SLOPE MAX. IN ALL DIRECTIONS ACCESS ROUTE- 1:20 (5%) RUNNING SLOPE MAX. 1.5% CROSS SLOPE MAX.
- ALL EXISTING ON-SITE STORM SEWERS AND APPURTENANCES TO REMAIN AND BE PROTECTED SHALL BE FIELD VERIFIED TO DETERMINE IF STRUCTURES ARE IN GOOD STANDING. CONTACT CONSTRUCTION MANAGER IN THE EVENT SYSTEM COMPONENTS ARE NOT IN SUITABLE CONDITION.
- ANY EXISTING ON-SITE STORM THAT IS TO REMAIN AND BE PROTECTED SHALL BE INSPECTED, CLEANED, AND REPAIRED AS REQUIRED. COST TO BE INCLUDED IN CONTRACTOR'S BID.

NOTE: CONTRACTOR TO VERIFY BENCHMARKS PRIOR TO FINAL LAYOUT AND GRADING.

BASIS OF BEARING:

BASIS OF BEARING IS STATE PLANE GRID NORTH, NAD 83(CORS 96), OHIO NORTH ZONE.

ELEVATIONS ARE NAVD 88.

BENCHMARK:

BM 1
"ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 2238502
ELEV. = 939.82

BM 2
"ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2238674
ELEV. = 942.36

BM 3
DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

Underground Utilities



2 Working Days
Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service

Non-members
Must Be Called Directly

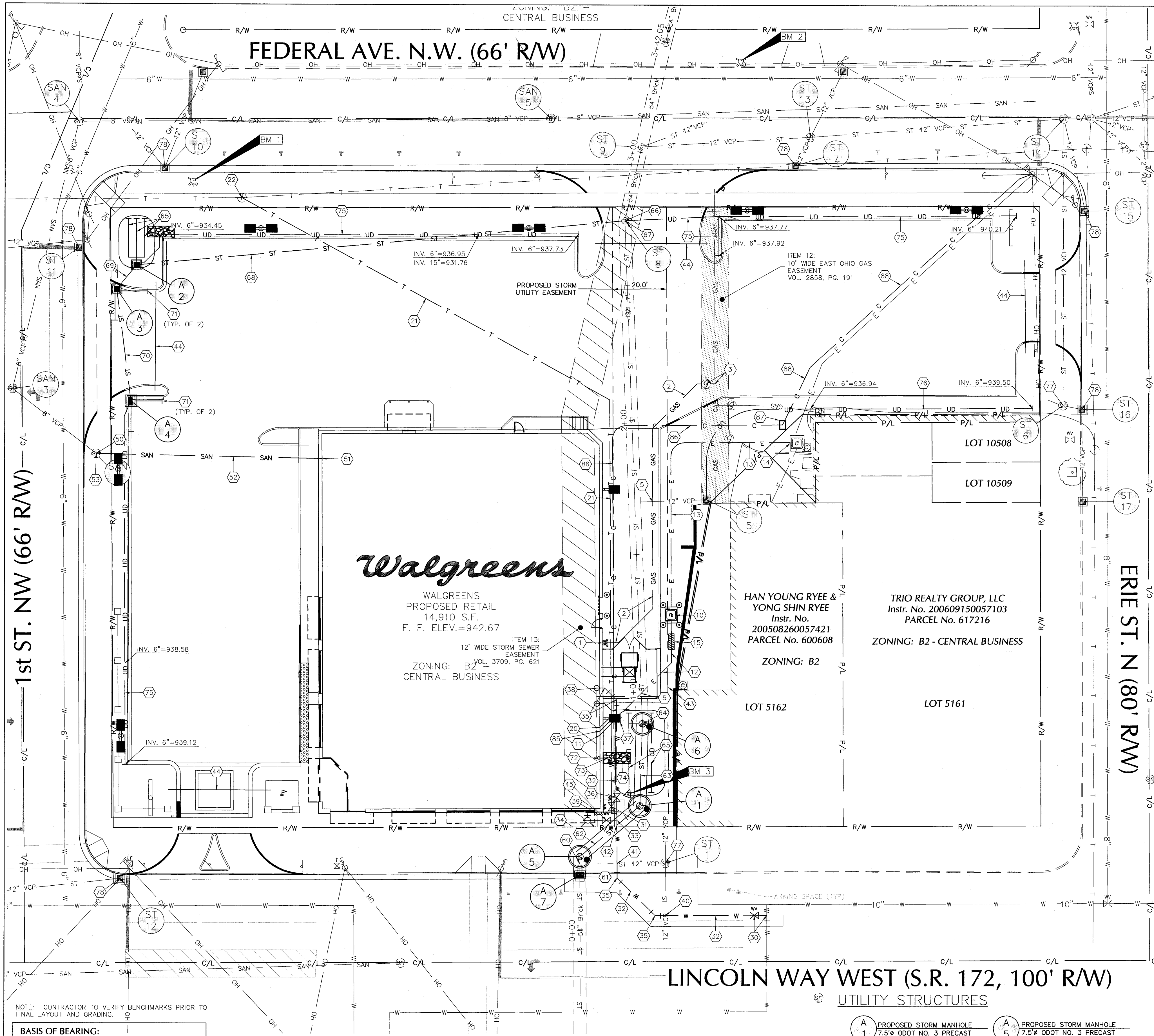
Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKING PROVIDED BY OUPS REQUEST #A205201330 & A205201333.

NO.	DATE	BY	DESCRIPTION	REVISIONS

2012 WALGREENS CRITERIA SET	WALGREENS
FIRST STREET NW AND LINCOLN WAY	MASSILLON, OHIO
DESIGN - NOT FOR CONSTRUCTION	

CADD PLOT: 06/24/13	DRAWN BY: CRS	DATE: 06/28/13	REVIEWED: TS
------------------------	------------------	----------------	-----------------



INVERT DATA

ST 1	EXISTING STORM MANHOLE T/C=943.19 INV. 12" VCP (N)=941.19 INV. 12" VCP (S)=941.19 INV. 12" VCP (W)=940.19
ST 2	EXISTING STORM CATCH BASIN T/C=942.57 SILTED=936.57
ST 3	EXISTING STORM MANHOLE T/C=943.12 INV. 54" Brick (N)=929.22 INV. 12" VCP (E)=933.82 INV. 12" VCP (S)=934.82 INV. 54" Brick (S)=929.22
ST 4	EXISTING STORM MANHOLE BURIED INV. 54" Brick (N,S)=929.27±
ST 5	EXISTING STORM CATCH BASIN T/C=935.55 INV. 12" VCP (W)=932.45 INV. 6" PVC (N)=932.55
ST 6	EXISTING STORM MANHOLE T/C=942.68 INV. 12" VCP (N)=938.68 INV. 12" VCP (E)=938.93
ST 7	EXISTING STORM CATCH BASIN T/C=940.22 INV. 12" VCP (NE)=937.52
ST 8	EXISTING STORM MANHOLE BURIED ADJUST RIM TO GRADE=939.72 INV. 54" Brick (NE,S)=929.43± INV. 6" PVC (E)=936.72 INV. 15" HDPE (W)=931.45
ST 9	EXISTING STORM MANHOLE T/C=939.70 INV. 54" Brick (N)=929.45 INV. 12" VCP (E)=932.90 INV. 12" VCP (S)=932.90 INV. 54" Brick (S)=929.45
ST 10	EXISTING STORM CATCH BASIN T/C=936.52 INV. 12" VCP (N)=932.92 INV. 12" VCP (NW)=932.82
ST 11	EXISTING STORM CATCH BASIN T/C=936.26 INV. 12" VCP (E)=933.26
ST 12	EXISTING STORM CATCH BASIN T/C=940.91 INV. 12" VCP (W)=938.36
ST 13	EXISTING STORM CATCH BASIN T/C=940.69 INV. 12" VCP (NE)=935.04 INV. 12" VCP (E)=934.89 INV. 12" VCP (SW)=935.09 INV. 12" VCP (W)=934.59
ST 14	EXISTING STORM CATCH BASIN T/C=942.58 INV. 12" VCP (E)=936.58 INV. 12" VCP (S)=939.53 INV. 12" VCP (SW)=936.68 INV. 12" VCP (W)=936.58
ST 15	EXISTING STORM CATCH BASIN T/C=942.21 INV. 12" VCP (N)=940.01
ST 16	EXISTING STORM CATCH BASIN T/C=942.09 INV. 12" VCP (S)=938.99 INV. 12" VCP (W)=939.29
ST 17	EXISTING STORM CATCH BASIN T/C=941.91 INV. 12" VCP (N)=939.81
ST 18	EXISTING STORM CATCH BASIN T/C=942.58 INV. 12" VCP (N)=938.18 INV. 12" VCP (NE)=938.08 INV. 12" VCP (E)=938.08 INV. 12" VCP (SE)=938.08 INV. 12" VCP (S)=937.98 INV. 12" VCP (SW)=937.98 INV. 12" VCP (W)=936.68
SAN 1	EXISTING SANITARY MANHOLE T/C=938.68 BOTTOM=927.88 (COULD NOT OPEN)
SAN 2	EXISTING SANITARY MANHOLE T/C=937.35 INV. 8" VCP (E)=927.55 (REMOVE) INV. 6" VCP (S)=927.75 (PLUG) INV. 8" VCP (NW)=927.55 INV. 6" PVC (E)=927.55
SAN 3	EXISTING SANITARY MANHOLE T/C=937.21 INV. 8" VCP (N)=928.21 INV. 8" VCP (SE)=927.41 INV. 8" VCP (W)=927.21
SAN 4	EXISTING SANITARY MANHOLE T/C=936.27 INV. 8" VCP (N)=928.87 INV. 8" VCP (E)=928.87 INV. 8" VCP (S)=928.67
SAN 5	EXISTING SANITARY MANHOLE T/C=939.34 INV. 8" VCP (E)=929.96 INV. 8" VCP (W)=930.06

UTILITY STRUCTURES

- A 1

PROPOSED STORM MANHOLE
7.5" ODOT NO. 3 PRECAST
RIM=943.28
INV. 54" RCP (N,S,W)=929.25
- A 2

PROP. 3x3 CATCH BASIN
EJW 5250 FLAT CASTING
RIM=936.50
INV. 4" PVC (N)=932.50
INV. 6" PVC (E)=933.00
INV. 12" VCP (SW)=932.75
INV. 15" HDPE (E)=932.50
BOTTOM OF SUMP=930.50
- A 3

PROP. 3x3 CATCH BASIN
EJW 5250 FLAT CASTING
RIM=936.50
INV. 4" PVC (S,E)=934.80
INV. 12" HDPE (NE,S)=932.90
BOTTOM OF SUMP=930.90
- A 4

PROP. 3x3 CATCH BASIN
EJW 7035 CURB INLET CASTING
RIM=937.89
INV. 4" PVC (S,E)=935.89
INV. 6" PVC (S)=935.39
INV. 12" HDPE (N)=933.39
BOTTOM OF SUMP=931.39
- A 5

PROPOSED STORM MANHOLE
7.5" ODOT NO. 3 PRECAST
RIM=943.12
INV. 12" RCP (E)=933.82
INV. 12" RCP (S)=936.50
INV. 54" RCP (NE)=929.22
INV. 54" BRICK (S)=929.22
- A 6

PROPOSED STORM MANHOLE
7.5" ODOT NO. 3 PRECAST
OPEN GRATE
RIM=942.34
INV. 4" PVC (E,W)=938.34
INV. 54" RCP (S)=929.27
INV. 54" BRICK (N)=929.27
- A 7

PROPOSED CATCH BASIN
ODOT NO. 3A PRECAST
RIM=942.57
INV. 12" PVC (N)=936.57

LEGEND

(SEE SHEET C-001 FOR GENERAL LEGEND)

- ST—

PROPOSED STORM SEWER
- SAN—

PROPOSED SANITARY SEWER
- W—

PROPOSED WATER SERVICE
- GAS—

PROPOSED GAS SERVICE
- E&T—

PROPOSED UNDERGROUND ELECTRIC & TELEPHONE SERVICE
- D.S.—

PROPOSED DOWNSPOUT
- APPURTENANCES
- ⊙

UTILITY CONSTRUCTION KEYNOTE

BASIS OF BEARING:

BASIS OF BEARING IS STATE PLANE GRID NORTH, NAD 83(CORS 96), OHIO NORTH ZONE. ELEVATIONS ARE NAVD 88.

BENCHMARK:

- BM 1

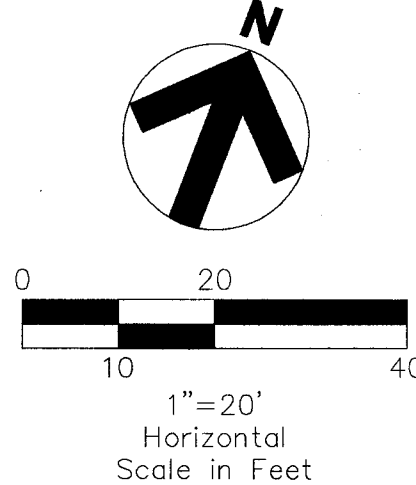
"ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 2238502
ELEV. = 939.82
- BM 2

"ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2238674
ELEV. = 942.36
- BM 3

DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

Underground Utilities

- 2 Working Days
Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service
Non-members
Must Be Called Directly
- Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service
UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKING PROVIDED BY OURS REQUEST #A205201333 & A205201333.



CONSTRUCTION KEYNOTES

- ##### GAS SERVICE CONSTRUCTION KEYNOTES:
- PROPOSED GAS METER, GAS UTILITY TO SUPPLY AND INSTALL THE METER. FINAL METER LOCATION TO BE SPOTTED BY THE GAS UTILITY AND APPROVED BY THE CONSTRUCTION MANAGER PRIOR TO INSTALLATION.
 - PROPOSED GAS SERVICE LINE TO BE INSTALLED BY DOMINION EAST OHIO GAS. TRENCH BACKFILL AND RESTORATION BY THE SITE CONTRACTOR.
 - PROPOSED GAS SERVICE TAP AND SERVICE VALVE TO BE INSTALLED BY DOMINION EAST OHIO GAS. TRENCH BACKFILL AND RESTORATION BY THE SITE CONTRACTOR.
 - DEFLECT GAS LINE TO ENSURE 12" CLEAR BETWEEN GAS AND ELECTRIC SERVICE LINES.
 - DEFLECT GAS LINE TO ENSURE 12" CLEAR BETWEEN GAS AND STORM LINES.

ELECTRIC SERVICE CONSTRUCTION KEYNOTES:

- PROPOSED TRANSFORMER LOCATION. CONTRACTOR TO PROVIDE PRECAST CONCRETE VAULT IN ACCORDANCE WITH FIRST ENERGY REQUIREMENTS. INSTALL 4-6" DIAMETER BOLLARDS TO PROTECT TRANSFORMER. FIRST ENERGY WILL SUPPLY AND INSTALL THE TRANSFORMER.
- PROPOSED SERVICE CONNECTION TO BUILDING. REFER TO ELECTRICAL PLANS FOR EXACT LOCATION.
- INSTALL 2-4" SCHEDULE 80 PVC CONDUITS FOR SECONDARY DUCT BANK FROM TRANSFORMER TO BUILDING. CONFIRM CONDUIT SIZE, QUANTITY, AND STUB LOCATION WITH ELECTRICAL PLANS.
- INSTALL 2-4" SCHEDULE 80 PVC CONDUITS FOR PRIMARY DUCT BANK TO TRANSFORMER. CONFIRM CONDUIT SIZE, QUANTITY, AND STUB LOCATION WITH FIRST ENERGY PRIOR TO INSTALLATION. ALL VERTICAL AND HORIZONTAL BENDS TO BE LONG RADIUS GALVANIZED STEEL SWEEPS. CONTRACTOR TO PROVIDE ALL TRENCHING, BACKFILL, AND RESTORATION. FIRST ENERGY WILL PROVIDE AND INSTALL THE WIRE AND MAKE ALL FINAL CONNECTIONS TO ACTIVATE THE SERVICE.
- SALVAGE EXISTING CONDUIT CONNECTION TO VAULT AND CONNECT PROPOSED CONDUIT. FIRST ENERGY WILL MAKE ALL CONNECTIONS INSIDE VAULT.
- METER AND CT CABINET TO BE MOUNTED ON A UNI-STRUT FRAME BESIDE THE TRANSFORMER. REFER TO THE ELECTRICAL PLANS FOR ADDITIONAL DETAILS AND INFORMATION.

TELEPHONE SERVICE CONSTRUCTION KEYNOTES:

- PROPOSED SERVICE CONNECTION TO BUILDING. REFER TO ELECTRICAL PLANS FOR EXACT LOCATION.
- INSTALL 2-4" SCHEDULE 80 PVC CONDUITS FROM BUILDING TO CONNECTION POINT FOR COMMUNICATION SERVICE.
- EXISTING TELEPHONE UTILITY MANHOLE. LOCATE EXISTING CONDUIT FROM BANK BUILDING. CONNECT NEW CONDUIT AND EXTEND TO PROPOSED WALGREENS BUILDING.

WATER SERVICE CONSTRUCTION KEYNOTES:

- (REFER TO NOTES AND DETAILS ON SHEET C-504)
- TAP EXISTING MAIN WITH A 10x6 TAPPING SLEEVE AND VALVE WITH BOX. TAP BY CONTRACTOR AND SUPERVISED BY AQUA OHIO.
 - DOMESTIC TAP FROM PROPOSED FIRE SERVICE LINE. INSTALL CURB STOP AND BOX. EXTEND 47 L.F. OF TYPE K COPPER PIPE TO DOWNSPOUT FROM BUILDING.
 - INSTALL 136 L.F. OF 6" CLASS 52 DUCTILE IRON PIPE WITH 4.5" MIN. COVER.
 - 6"x6" TEE WITH THRUST BLOCK AND 6" GATE VALVE WITH BOX ADJUSTED TO GRADE.
 - PROPOSED HYDRANT ASSEMBLY AND RESTRAINED LEADER IN ACCORDANCE WITH AQUA OHIO STANDARDS AND REQUIREMENTS. NOTE THAT THIS WILL BE A PRIVATE HYDRANT OWNED AND MAINTAINED BY WALGREENS.
 - 6"-45" BEND WITH THRUST BLOCK.
 - 6" GATE VALVE WITH BOX ADJUSTED TO GRADE.
 - DEFLECT WATER LINE TO ENSURE 12" CLEAR BETWEEN WATER AND ELECTRICAL LINES.
 - WATER SERVICE CONNECTION TO BUILDING. REFER TO MECHANICAL PLANS FOR EXACT STUB LOCATION. SITE CONTRACTOR TO EXTEND WATER SERVICE INTO BUILDING AND PROVIDE A BLIND FLANGE 12" MIN. ABOVE FINISH FLOOR.
 - PROPOSED LOCATION FOR FIRE DEPARTMENT CONNECTION. REFER TO MECHANICAL PLANS FOR EXACT LOCATION.
 - ENSURE 12" CLEAR BETWEEN WATER AND STORM LINES. INV. 12" STORM=941.19, INV. 6" WATER=938.34.
 - ENSURE 12" CLEAR BETWEEN WATER AND STORM LINES. INV. 12" STORM=936.58, INV. 6" WATER=938.91.
 - ENSURE 12" CLEAR BETWEEN WATER AND STORM LINES. INV. 54" STORM=929.22, INV. 6" WATER=938.84.
 - 1" TYPE K COPPER WATER LINE FROM BUILDING TO LANDSCAPING AREA FOR IRRIGATION SYSTEM.
 - INSTALL 4" PVC CONDUIT ACROSS PAVEMENT AREAS FOR IRRIGATION LINES.
 - 6" POST INDICATOR VALVE ON THE FIRE SERVICE LINE INTO THE BUILDING.

SANITARY SEWER CONSTRUCTION KEYNOTES:

- REMOVE EXISTING LATERAL CONNECTION AND INSTALL 6" PVC PIPE FOR LATERAL TO PROPOSED BUILDING. GROUT AROUND PIPE AND ENSURE A WATERTIGHT SEAL. INV. 6" PVC=927.55.
- PROPOSED SANITARY CONNECTION TO BUILDING. REFER TO PLUMBING PLAN FOR EXACT STUB LOCATION. INV. 6" PVC=937.67.
- 82 L.F. OF 6" PVC SDR 35 SANITARY SEWER @ 12.3%.
- REMOVE CASTING AND REPLACE WITH NEW CASTING IN ACCORDANCE WITH MASSILLON STANDARD DETAILS. ADJUST TO GRADE WITH PRECAST GRADE RINGS AS REQUIRED.

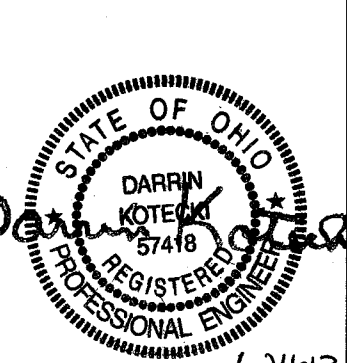
STORM SEWER CONSTRUCTION KEYNOTES:

- EXISTING STORM MANHOLE TO BE REMOVED AND REPLACED WITH A NEW PRECAST STRUCTURE. REPLACE BRICK AND GROUT CONNECTION WITH EXISTING STORM SEWER TO THE SOUTH ENSURING A WATERTIGHT CONNECTION.
- EXISTING CATCH BASIN TO BE REMOVED AND REPLACED WITH A NEW STRUCTURE. PROPOSED STRUCTURE TO BE IN ACCORDANCE WITH CITY OF MASSILLON DETAILS AND SPECIFICATIONS.
- 29 L.F. OF 54" RCP STORM SEWER @ 0.1%.
- 30 L.F. OF 54" RCP STORM SEWER @ 0.1%.
- EXISTING STORM MANHOLE TO BE REMOVED AND REPLACED WITH A NEW PRECAST STRUCTURE. REPLACE BRICK AND GROUT CONNECTION WITH EXISTING STORM SEWER TO THE NORTH ENSURING A WATERTIGHT CONNECTION. CASTING TO BE FITTED WITH AN OPEN GRATE.
- 4" PVC PERFORATED UNDERDRAIN PIPE IN BOTTOM OF BIORETENTION CELL. REFER TO SHEET SWP-3 FOR ADDITIONAL DETAILS AND INFORMATION.
- CORE DRILL HOLE IN EXISTING STRUCTURE FOR THE 6" PVC UNDERDRAIN PIPE.
- LOCATE EXISTING MANHOLE AND RECONSTRUCT TO GRADE. REMOVE DETEIORATED STRUCTURE AS REQUIRED AND ADJUST CASTING TO THE PROPOSED ELEVATION WITH PRECAST GRADE RINGS, MANHOLE SECTIONS, AND HYDRAULIC CEMENT TO FORM A WATERTIGHT STRUCTURE. REPLACE EXISTING CASTING WITH AN EJW 2020 FRAME AND A TYPE W FLAT OPEN GRATE. PROPOSED RIM ELEVATION=939.72. CORE DRILL OPENING IN STRUCTURE TO THE WEST TO ACCEPT THE PROPOSED 15" PVC STORM PIPE.
- 181 L.F. OF 15" PVC SDR 35 STORM SEWER @ 0.6%.
- 12 L.F. OF 12" PVC SDR 35 STORM SEWER @ 1.3%.
- 42 L.F. OF 12" PVC SDR 35 STORM SEWER @ 1.2%.
- 4" FINGER DRAINS. SEE SHEET C-502 FOR DETAIL.
- BUILDING DOWNSPOUT LEADER. REFER TO PLUMBING PLANS FOR EXACT STUB LOCATION.
- BUILDING DOWNSPOUT LEADER TO SPILL OUT AT GRADE. INSTALL GRATE ON END OF PIPE TO KEEP THE CRITTERS OUT.
- ODOT TYPE 'C' ROCK CHANNEL PROTECTION. 4' WIDE x 8' LONG x 18" DEEP OVER FILTER FABRIC, TYPE B PER ODOT 712.09.
- 6" PVC UNDERDRAIN BEHIND CURB. REFER TO DETAIL 3 ON SHEET C-502.
- 6" PVC AGGREGATE UNDERDRAIN. REFER TO DETAIL 4 ON SHEET C-502. VERIFY LOCATION OF TELEPHONE SERVICE LINE AND ADJUST LOCATION OF UNDERDRAIN TO AVOID CONFLICT.
- REMOVE MANHOLE CASTING AND REPLACE WITH NEW CASTING IN ACCORDANCE WITH MASSILLON STANDARD DETAILS. ADJUST TO GRADE WITH PRECAST GRADE RINGS AS REQUIRED.
- REMOVE CURB INLET CASTING AND REPLACE WITH NEW CASTING IN ACCORDANCE WITH MASSILLON STANDARD DETAILS. ADJUST TO GRADE WITH PRECAST GRADE RINGS AS REQUIRED.

CONTRACTOR TO PROVIDE UNIT PRICE FOR COMPLETE REMOVAL AND REPLACEMENT OF EXISTING CURB INLET STRUCTURE. AT TIME OF BID.

CABLE SERVICE CONSTRUCTION KEYNOTES:

- PROPOSED SERVICE CONNECTION TO BUILDING. REFER TO ELECTRICAL PLANS FOR EXACT LOCATION. STUB ABOVE FINISH FLOOR AND CAP.
- INSTALL A 4" SCHEDULE 80 PVC CONDUIT FROM BUILDING TO SERVICE PEDESTAL BOX.
- PROPOSED PEDESTAL BOX. MASSILLON CABLE TV WILL SUPPLY AND INSTALL THE BOX. CONTRACTOR TO PROVIDE ALL EXCAVATION, BACKFILL, AND RESTORATION.
- INSTALL A 4" SCHEDULE 80 PVC CONDUIT FROM BUILDING TO EXISTING UTILITY POLE. CAP END OF CONDUIT AT 12-IN. MINIMUM ABOVE FINISH GRADE. MASSILLON CABLE WILL PROVIDE AND INSTALL SERVICE CABLE.



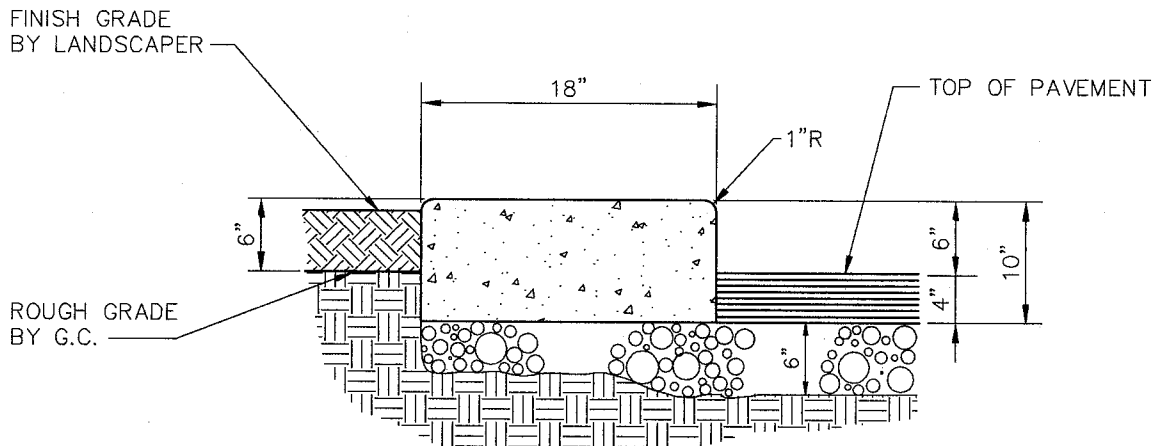
GPD GROUP, Inc.
Geotechnical, Planning, Design & Construction, Inc.
330 South Main Street, Suite 201
Akron, OH 44311
330.722.2000 Fax: 330.722.2011
Copyright © 2012, GPD Group, Inc. All Rights Reserved.
GPD GROUP JOB NUMBER: 2011095.01

Walgreens
FIRST STREET NW AND LINCOLN WAY
MASSILLON, OHIO
DESIGN - NOT FOR CONSTRUCTION

REVISIONS		DESCRIPTION	
NO.	DATE	BY	

UTILITY & EASEMENT PLAN	
2012 WALGREENS CRITERIA SET	
WALGREENS	
FIRST STREET NW AND LINCOLN WAY	
MASSILLON, OHIO	
DESIGN - NOT FOR CONSTRUCTION	

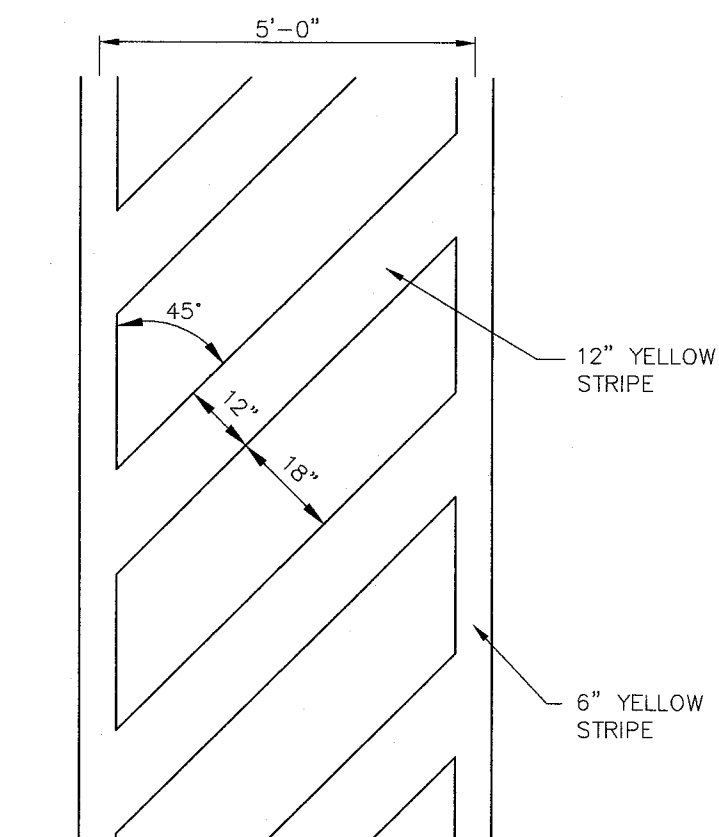
CADD PLOT:	DRAWN BY:	DATE:	REVIEWED:
06.24.13	GCS	06.28.13	ITS



NOTE:
PROVIDE EXPANSION JOINTS @ 20'-0" O.C. (MAX)

18"x10" CONCRETE CURB
N.T.S.

13

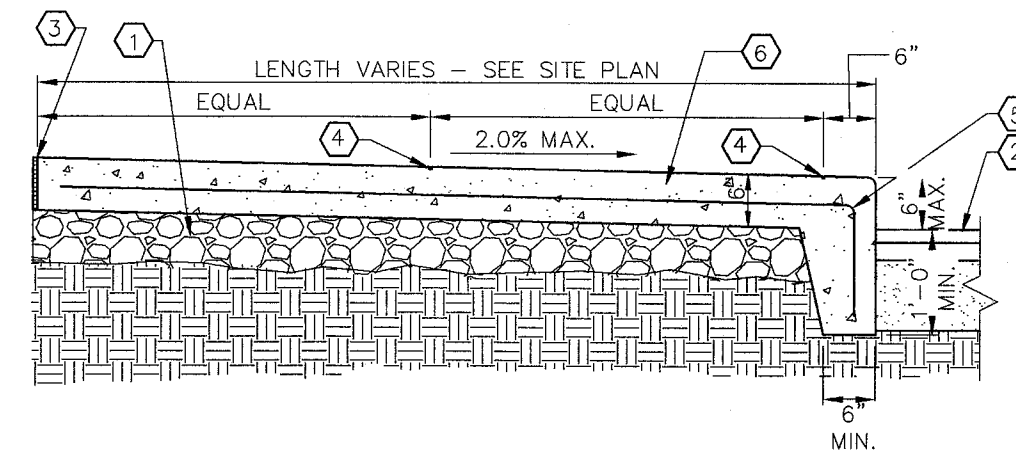


CROSSWALK STRIPING
N.T.S.

9

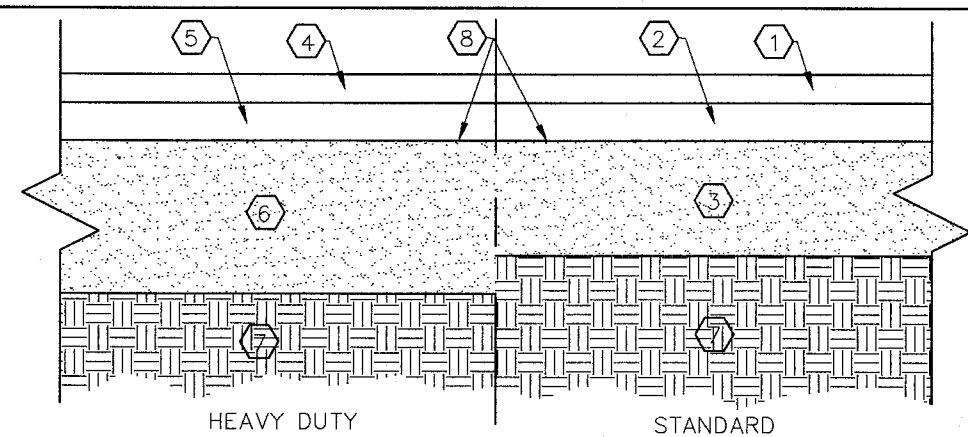
KEYED NOTES

- 1 MINIMUM 4" COMPACTED ODOT 304 OR 307CE (2005 ODOT CMS) AGGREGATE BASE
- 2 PAVEMENT
- 3 COMPRESSIBLE FILLER, CUT BACK AND PROVIDE SEALANT, TYPICAL, AT ALL JOINTS WITH FILLER.
- 4 1/4" TOOLED JOINT
- 5 6" X 6" - #10 W.W.F. CENTERED
- 6 CONCRETE PER SPEC. SECTION 03310



CURBED SIDEWALK
N.T.S.

5



KEYED NOTES

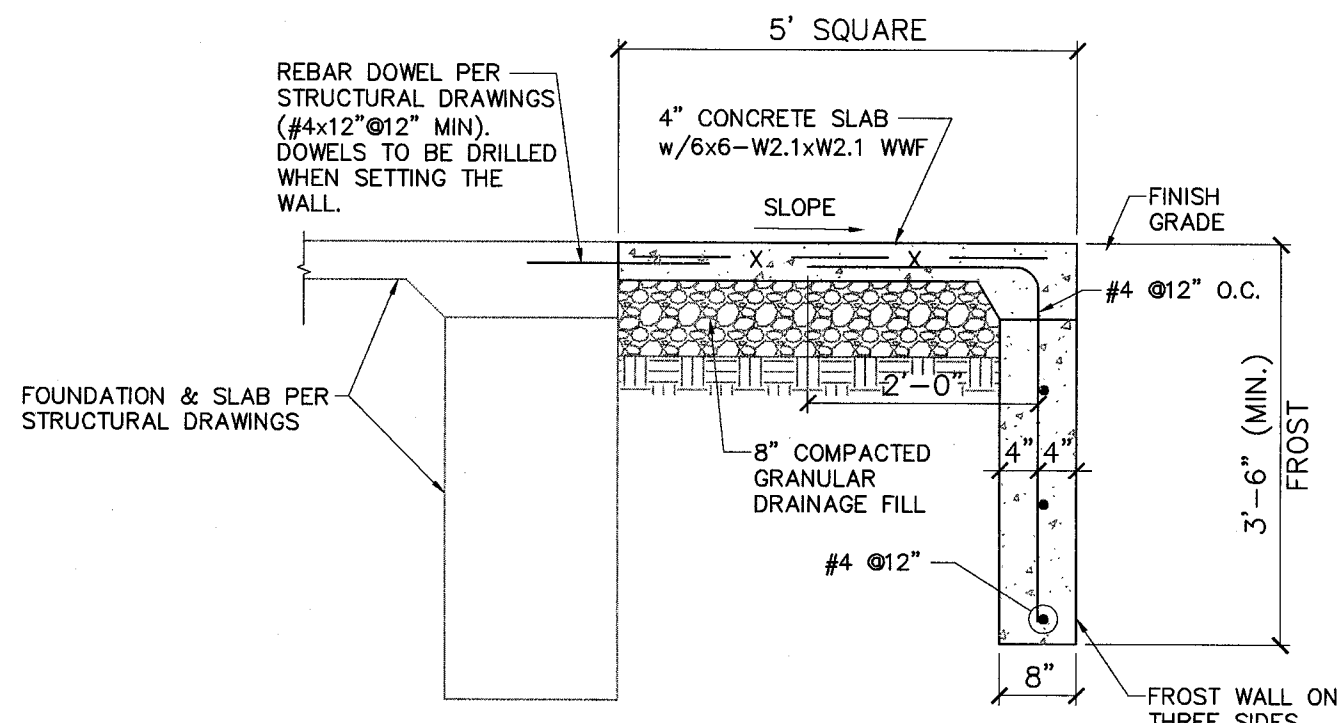
- 1 1.5" ODOT 448 TYPE 1, PG64-22 WEARING SURFACE OVER TACK COAT. (SEE NOTE 2)
 - 2 2.5" ODOT 448 TYPE 2, PG64-22 INTERMEDIATE COURSE OVER PRIME COAT.
 - 3 8" ODOT 304, CRUSHED AGGREGATE BASE GRADED AND COMPACTED (LIMESTONE OR WASHED GRAVEL, NO SLAG OR RECYCLED CONCRETE).
 - 4 1.5" ODOT 448 TYPE 1, PG64-22 WEARING SURFACE OVER TACK COAT.
 - 5 3.5" ODOT 448 TYPE 2, PG64-22 INTERMEDIATE COURSE OVER PRIME COAT.
 - 6 8" ODOT 304, CRUSHED AGGREGATE BASE GRADED AND COMPACTED (LIMESTONE OR WASHED GRAVEL, NO SLAG OR RECYCLED CONCRETE).
 - 7 WELL-DRAINED SUB-GRADE (PREPARED AND COMPACTED PER RECOMMENDATIONS SET FORTH IN THE SOILS REPORT).
- ODOT ITEM 408-PRIME COAT AT 0.40 GAL/SY.

NOTES:

1. REFER TO SOILS REPORT FOR ADDITIONAL RECOMMENDATIONS.
2. TACK COAT NOT REQUIRED IF INTERMEDIATE AND SURFACE COURSES ARE INSTALLED SIMULTANEOUSLY.

TYPICAL ASPHALT PAVEMENT SECTION
N.T.S.

1

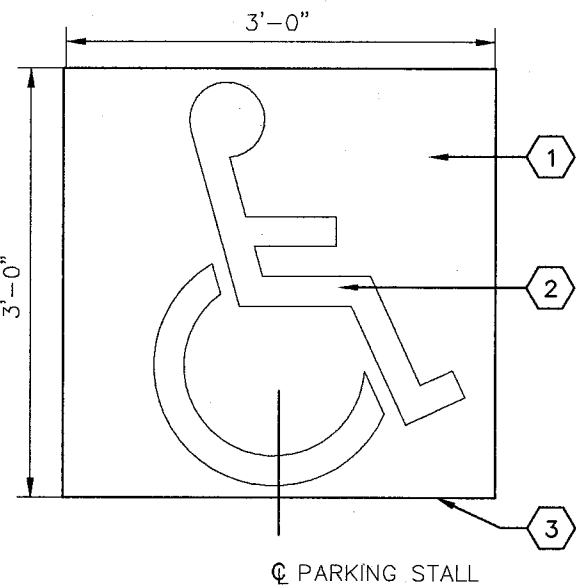


FROST SLAB DETAIL
N.T.S.

14

KEYED NOTES

- 1 PAINT BACKGROUND BENJAMIN MOORE M58 SAFETY & ZONE MARKING LATEX M58-30 - BLUE
- 2 PAINT SYMBOL BENJAMIN MOORE M58 SAFETY & ZONE MARKING LATEX M58-01 - WHITE
- 3 BOTTOM EDGE OF SYMBOL BOX SHALL MATCH END OF STALL STRIPE AT DRIVE AISLE END OF STALL.



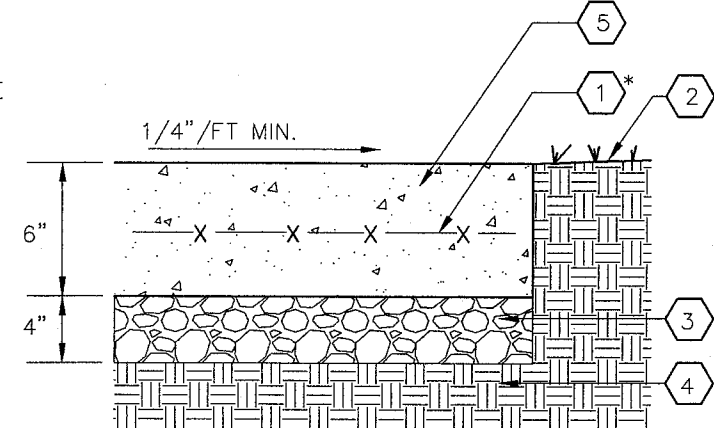
ADA PAVEMENT SYMBOL
N.T.S.

10

KEYED NOTES

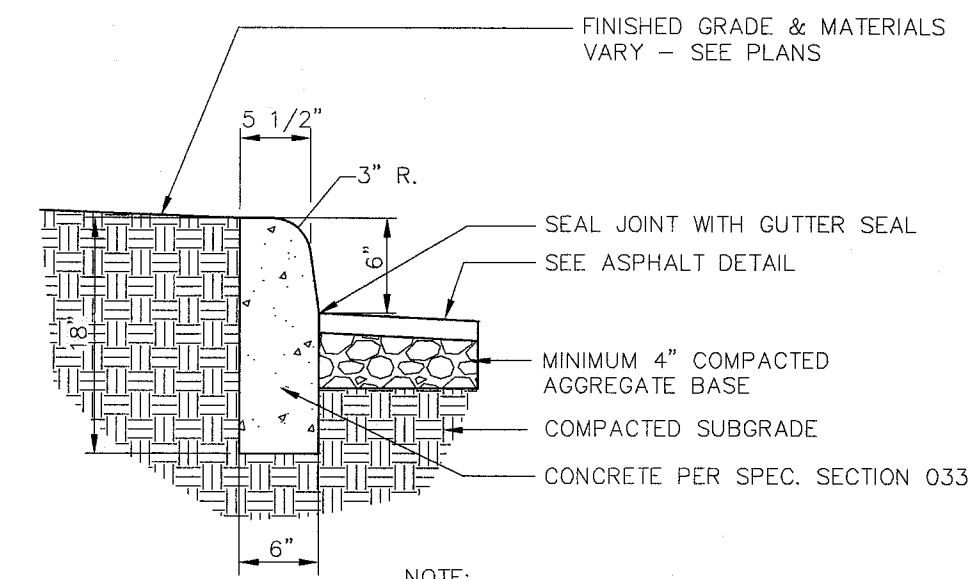
- 1 6"x6" - W2.9xW2.9 W.W.F. - CENTERED IN SLAB*
- 2 FINISH GRADE
- 3 MINIMUM 4" COMPACTED ODOT 307CE (2005 CMS) AGGREGATE BASE
- 4 SUBGRADE COMPACTION
- 5 CONCRETE PER SPEC. SECTION 03310

*NOTE: CONCRETE PAD IN THE RIGHT-OF-WAY SHALL BE 8" NON-REINFORCED CONCRETE OVER 4" CRUSHED AGGREGATE BASE PER CITY OF MASSILLON STANDARDS.



CONCRETE PAVEMENT
N.T.S.

6



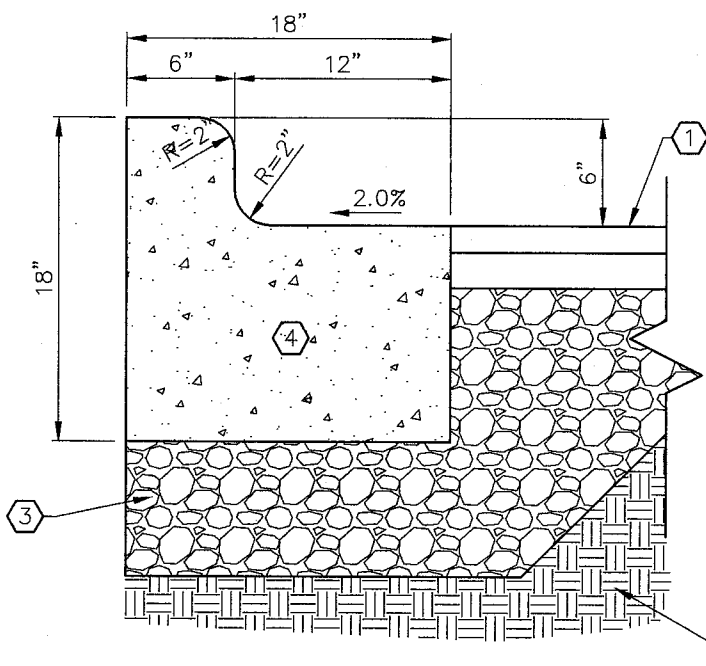
NOTE:
ALL CURBS TO HAVE 3/4" EXPANSION JOINTS AT MAXIMUM 100 FEET WITH DOWELS AND CONTROL JOINTS AT MAX. 20 FEET.

6"x18" CONCRETE VERTICAL CURB
N.T.S.

2

KEYED NOTES

- 1 PAVEMENT
- 2 PREPARED SUB-GRADE
- 3 CRUSHED LIMESTONE AGGREGATE BASE
- 4 CONCRETE PER SPEC. SECTION 03310

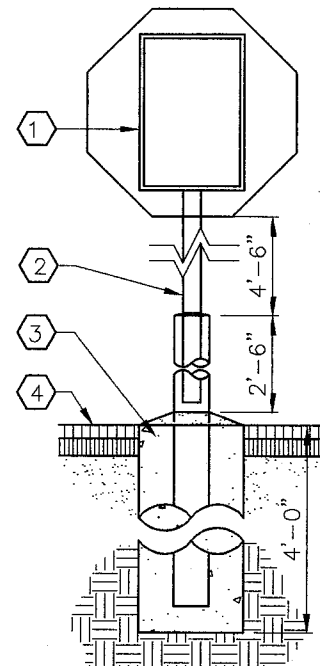


COMBINED CURB & GUTTER
N.T.S.

15

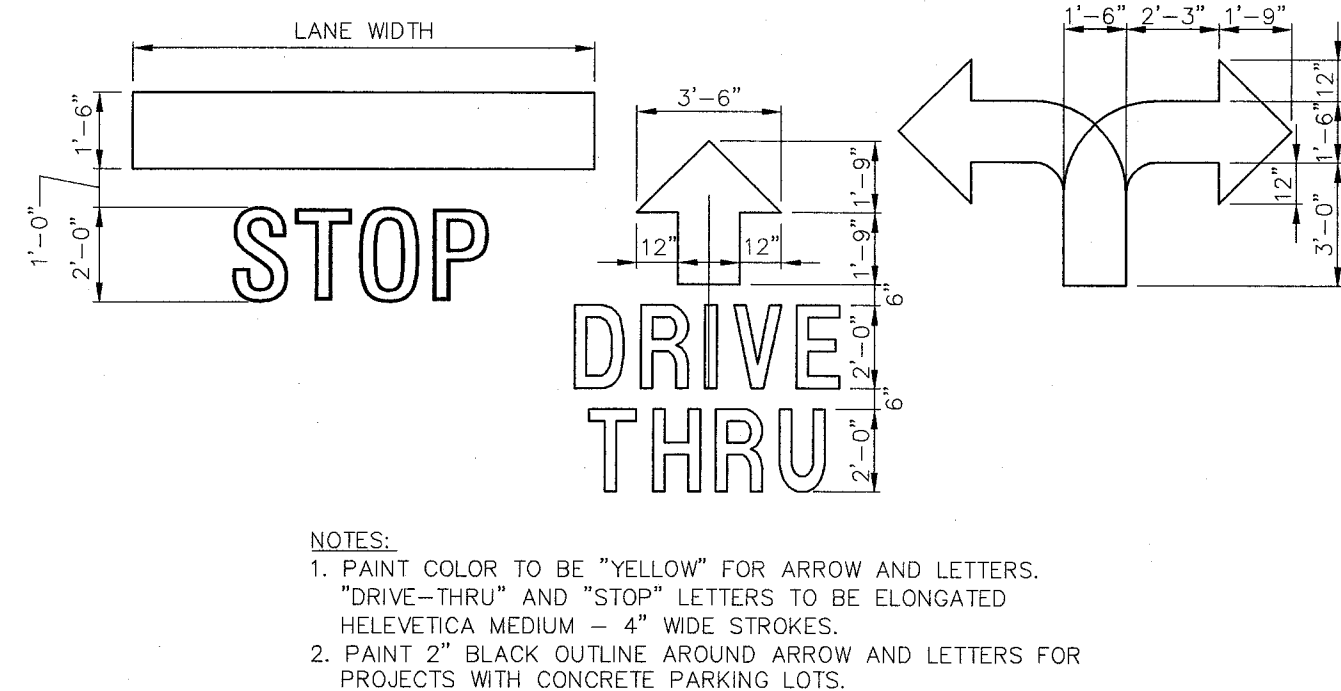
KEYED NOTES

- 1 TRAFFIC DIRECTIONAL SIGN.
- 2 2"x2" STEEL TUBE EXTENDED INTO CONCRETE FILLED 4" DIA. STEEL BOLLARD. PRIME AND PAINT BOLLARD SAFETY YELLOW.
- 3 12" DIA. CONCRETE FOUNDATION 6" BELOW FROST LINE. CONCRETE PER SPEC. SECTION 03310
- 4 FINISHED GRADE.



BOLLARD MOUNTED TRAFFIC SIGN
N.T.S.

11



PAVEMENT PAINTING
N.T.S.

7

KEYED NOTES

- 1 FACE OF BUILDING
- 2 CONCRETE CURBED WALK (SLOPED 1/4" PER FOOT)
- 3 1" RADIUS
- 4 PAVEMENT AS SPECIFIED
- 5 6"x6" - W1.4 X W1.4 W.W.F. CENTERED
- 6 MINIMUM 4" COMPACTED AGGREGATE BASE
- 7 COMPRESSIBLE FILLER, CUT BACK AND PROVIDE SEALANT, TYPICAL, AT ALL JOINTS WITH FILLER.
- 8 SEAL JOINT

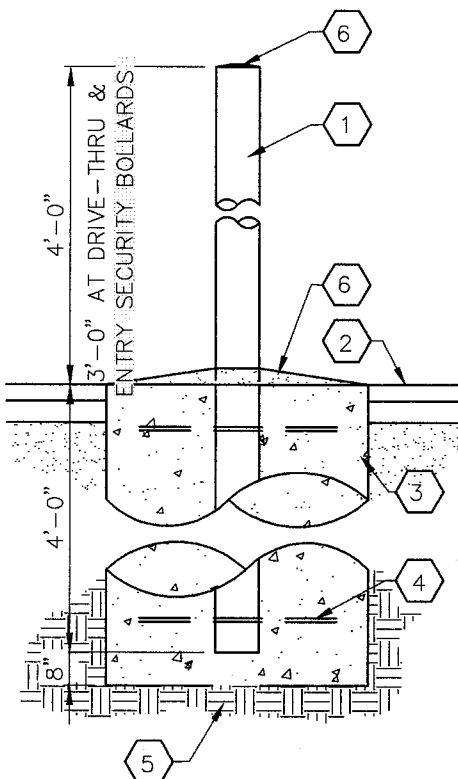
NOTE: CONCRETE PER SPEC. SECTION 03310

CURB AT DRIVE THRU
N.T.S.

3

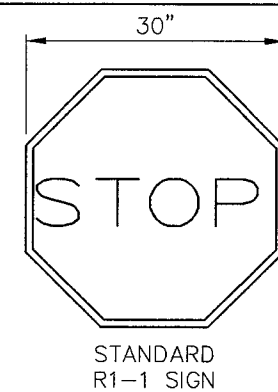
KEYED NOTES

- 1 6" DIA. STANDARD STL. PIPE CONCRETE FILLED IN RECEIVING LOCATIONS INCLUDING UTILITIES, TRASH ENCLOSURE, AND SPRINKLER RISERS. 4" #4 STL. PIPE CONCRETE FILLED AT DRIVE-THRU CANOPY ISLAND AND FRONT WALK. PROVIDE 1/4" WELDED CLOSURE PLATE AT BOTTOM. ALL STEEL TO BE RUST FREE AND PRIME COATED. BOLLARDS ON WALK TO RECEIVE GRAY POLYETHYLENE COVER. ALL OTHERS TO RECEIVE A YELLOW COVER (FROM IDEAL SHIELD - 313-842-7290).
- 2 TOP OF PAVEMENT.
- 3 24" DIA. CONCRETE FOUNDATION. USE SONOTUBE FORM. CONCRETE PER SPEC. SECTION 03310
- 4 3/8" DIA. HOOPS WELDED TO PIPE. 18" DIA. TOP, BOTTOM, AND CENTER.
- 5 SOLID UNDISTURBED SOIL.
- 6 PROVIDE PITCH, SMOOTH CONCRETE FINISH.

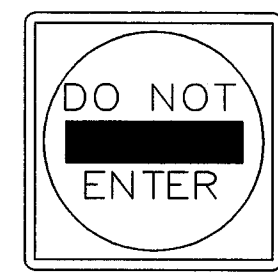


PIPE BOLLARD
N.T.S.

16



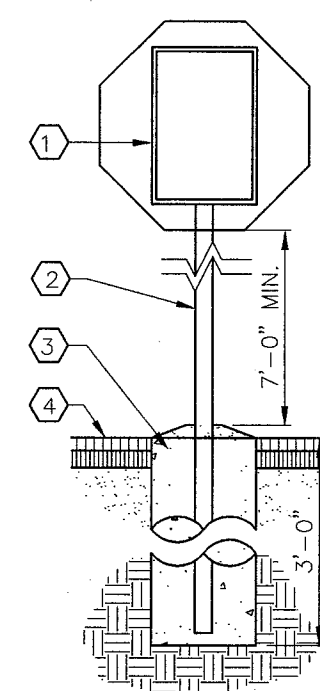
STANDARD R1-1 SIGN



STANDARD R5-1 SIGN



SPECIAL TRAFFIC SIGN



FREE STANDING TRAFFIC SIGN
N.T.S.

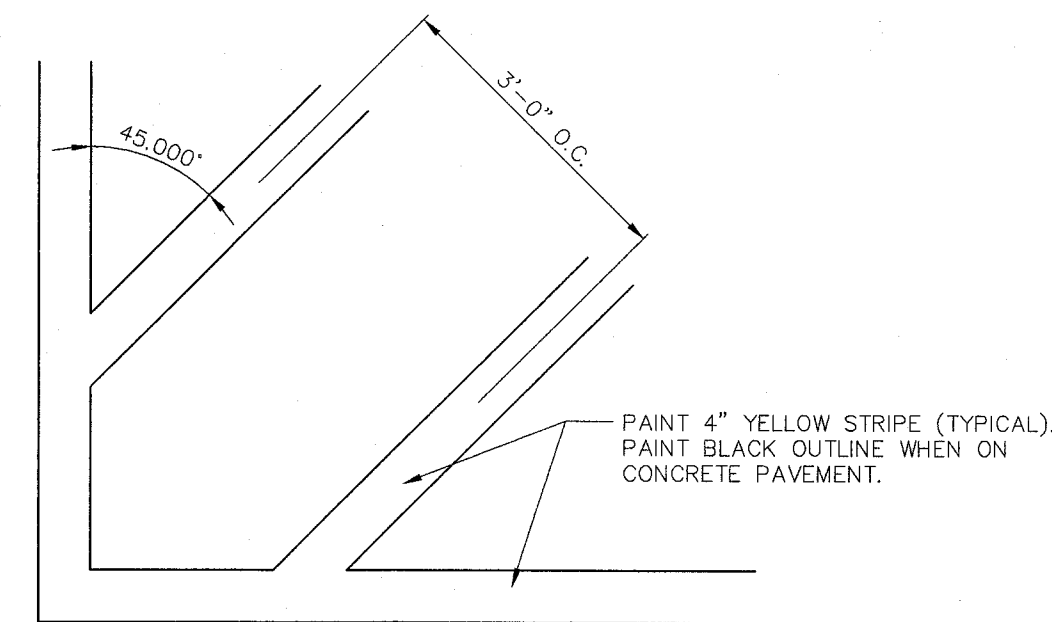
12

KEYED NOTES

- 1 TRAFFIC DIRECTIONAL SIGN.
- 2 GALVANIZED STEEL SIGN POST PER ODOT AND OHIO MUTCD REQUIREMENTS.
- 3 8" DIA. HOLE CORE DRILLED OR FORMED THRU CONCRETE.
- 4 FINISHED GRADE.



SPECIAL TRAFFIC SIGN



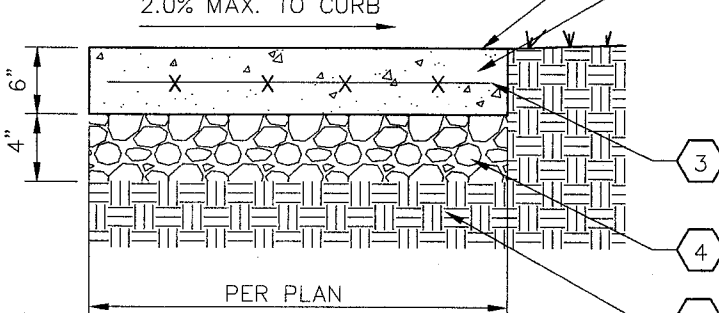
TRANSVERSE STRIPING
N.T.S.

8

KEYED NOTES

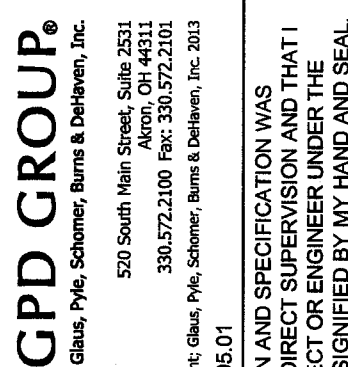
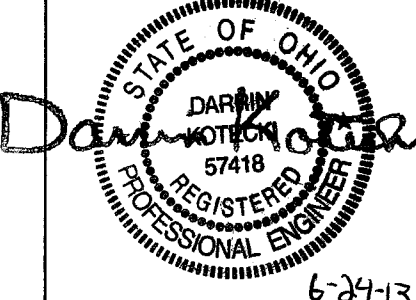
- 1 FINISH GRADE
- 2 SLOPE CONCRETE, JOINTS AND FINISH TO MATCH EXISTING PAVEMENT. CONCRETE PER SPEC. SECTION 03310
- 3 6"x6" - #10 W.W.F. - CENTERED IN SLAB
- 4 MINIMUM 4" COMPACTED ODOT 304 OR 307CE AGGREGATE BASE.
- 5 SUBGRADE COMPACTION

*NOTE: CONCRETE WALK IN THE RIGHT-OF-WAY SHALL BE PER CITY OF MASSILLON STANDARD DETAILS AND SPECIFICATIONS. SEE SHEET C-504.



CONCRETE SIDEWALK
N.T.S.

4



REVISIONS			
NO.	DATE	BY	DESCRIPTION

SITE DETAILS	
2012 WALGREENS CRITERIA SET	
WALGREENS	
FIRST STREET NW AND LINCOLN WAY	
MASSILLON, OHIO	
DESIGN - NOT FOR CONSTRUCTION	

CADD PLOT: 06/24/13	DRAWN BY: CRS	DATE: 06/28/13	REVIEWED: TS
---------------------	---------------	----------------	--------------

C-501

10

1

6

2

13

11

7

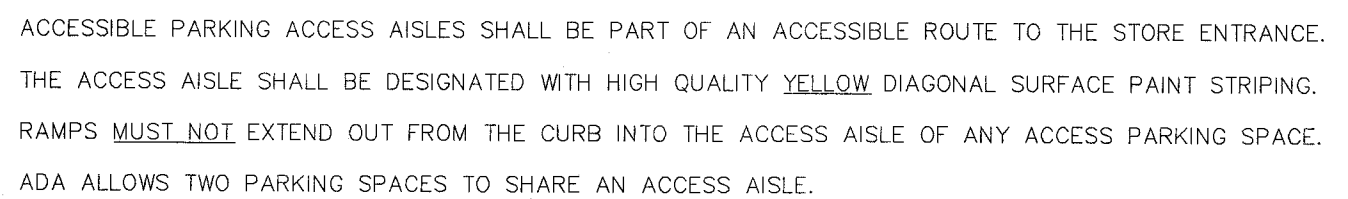
3

16

12

8

4



MATERIALS

- ## INSTALLATION

- ## TESTING

SERVICES

31. THE CONTRACTOR WILL MAKE ALL TAPS TO NEW LINES.
32. WHEN INSTALLING WATER MAINS ALL KNOWN TAPS SHALL BE MADE ABOVE GROUND PRIOR TO INSTALLING THE POLYWRAP.
33. ALL WATER SERVICES SHALL BE 1" MINIMUM. ALL WATER SERVICE MATERIAL FOR SERVICES 2" AND SMALLER WILL BE TYPE "K" SOFT COPPER PIPING WITH COMPRESSION FITTINGS. CORPORATION'S AND CURB BOXES SHALL BE THE MUELLER BALL VALVES. NO WATER SERVICE LINES SHALL BE INSTALLED UNTIL AFTER THE MAIN LINE HAS BEEN TESTED AND STERILIZED. ALL TAPS 2" AND SMALLER IN EXISTING WATER MAINS SHALL BE MADE BY AQUA OHIO.
34. THE MINIMUM COVER FOR WATER SERVICES WILL BE 4 FEET FROM FINISHED GRADE.
35. CURB BOXES SHALL BE PLACED AT THE RIGHT-OF-WAY LINE AND NOT IN A LOCATION OF A PRESENT OR FUTURE SIDEWALK OR DRIVEWAY.
36. WHEN A WATER SERVICE CONNECTION IS DISTURBED OR DAMAGED, THE CONTRACTOR WILL REPLACE THE WATER SERVICE WITH ALL NEW COPPER FROM THE CORPORATION TO THE CURB BOX STOP.



- NOTES:
1. ALL BLOCKING SHALL BE POURED AGAINST FIRM, UNDISTURBED SOIL.
 2. BEARING AREA AT FITTINGS NOT GIVEN IN BEARING TABLE SHALL BE AS DIRECTED BY THE ENGINEER.
 3. WHEN POURING AGAINST PLUGS AND BLIND FLANGES SET A PIECE OF 3 MIL PLASTIC AGAINST FITTING, TO KEEP CONCRETE OFF BOLTS.
 4. LAYOUT TO APPROVED BY ENGINEER PRIOR TO CONCRETE POUR.



- ### NOTES
1. THE DISTANCE FROM THE CENTERLINE OF MAIN TO THE CENTERLINE OF HYDRANT WILL BE 5' EXCEPT WHEN INDIVIDUAL CIRCUMSTANCES PROVE IT TO BE INFEASIBLE. WHEN SUCH CIRCUMSTANCES OCCUR, THE LENGTH OF THE LEAD WILL BE NOTED ON THE DRAWINGS WITH THE STATIONING.
 2. SOLID CONCRETE BLOCK TO BE USED UNDER ALL TEES, VALVES AND BENEATH AND UNDER HYDRANT ELBOW.
 3. CRUSHED STONE FILL AROUND HYDRANT DRAIN AND TO A DEPTH OF 2'-0".
 4. SOLID CONCRETE BLOCK WITH OAK WEDGES. (BRACED AGAINST UNDISTURBED SOIL)

ITEM	DESCRIPTION
A	HYDRANT ASSEMBLY AS APPROVED BY CONSUMERS OHIO WATER CO.
B	6" M.J. GATE VALVE, 3 PIECE VALVE BOX
C	ANCHOR TEE (CLOW F-1217)
D	6" DUCTILE IRON PIPE WITH MEGA-LUGS FOR RETAINERS



702greeners
FACILITIES PLANNING
DESIGN AND ENGINEERING
106 WILLMOT ROAD
DEERFIELD, IL 60015-5105



VISCONSI
COMPANIES LTD



6-24-17

GPD GROUP®

Glaus, Pyle, Schomer, Burns & DeHaven, Inc.
520 South Main Street, Suite 2531
Akron, OH 44311
330.572.2100 Fax: 330.572.2101
© Glaus, Pyle, Schomer, Burns & DeHaven, Inc. 2013

Copyright © Glaxo, Pyle, Schomer, Burns & DeHaven, Inc. 2013
111095.01

GD GROUP JOB NUMBER: 2011095.01

[illegible]

AQUA OHIO GENERAL NOTES AND DETAILS

2012 WALGREENS CRITERIA SET

WALGREENS
FIRST STREET NW AND LINCOLN WAY

DESIGN - NOT FOR CONSTRUCTION

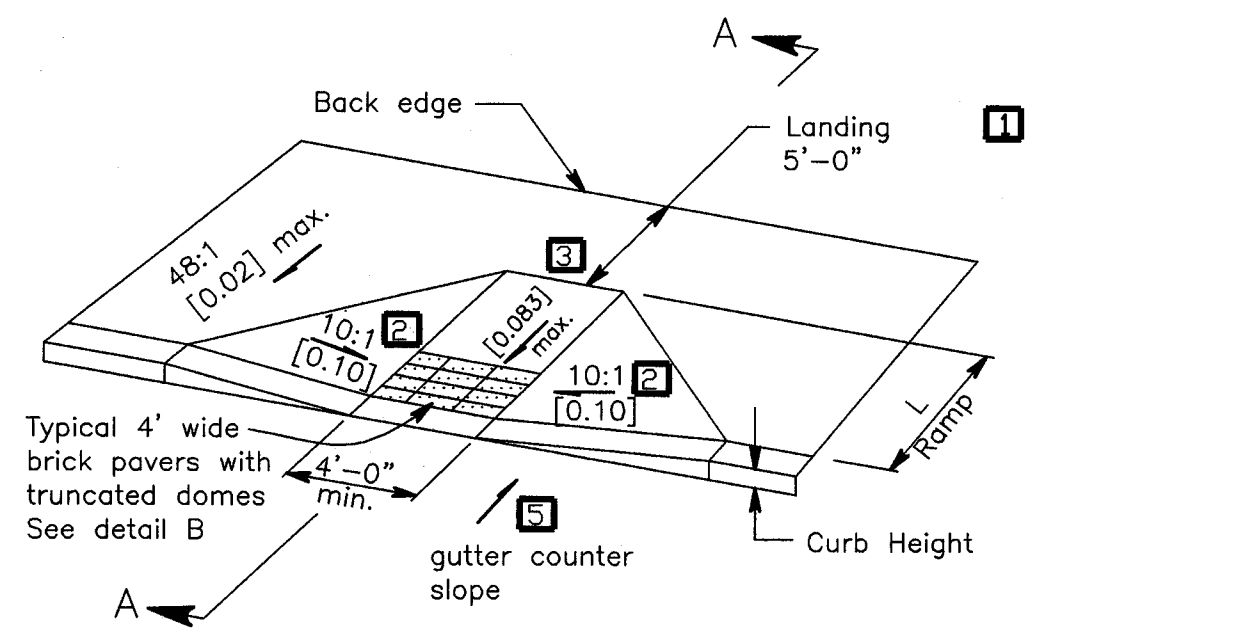
CADD PLOT:

DRAWN BY:

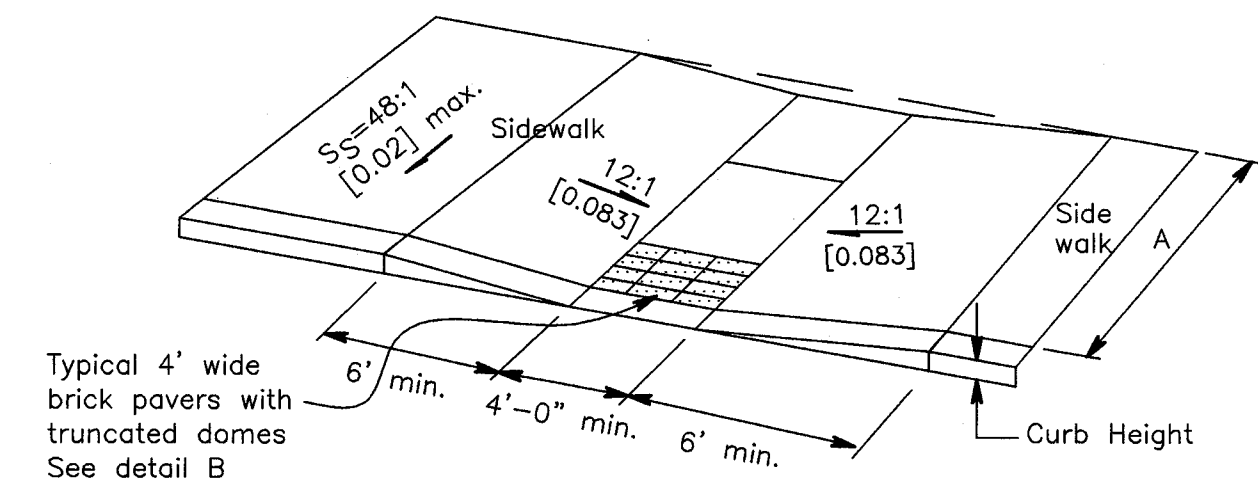
DATE: 06.28.13

REVIEWED:
TS

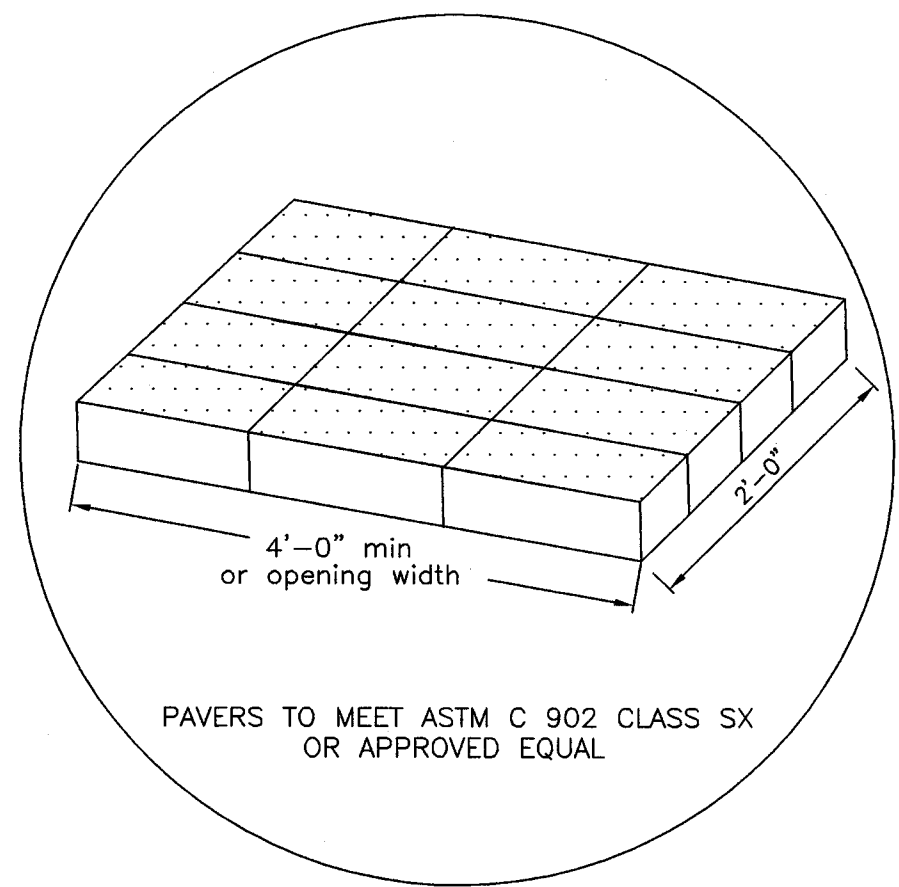
C-504



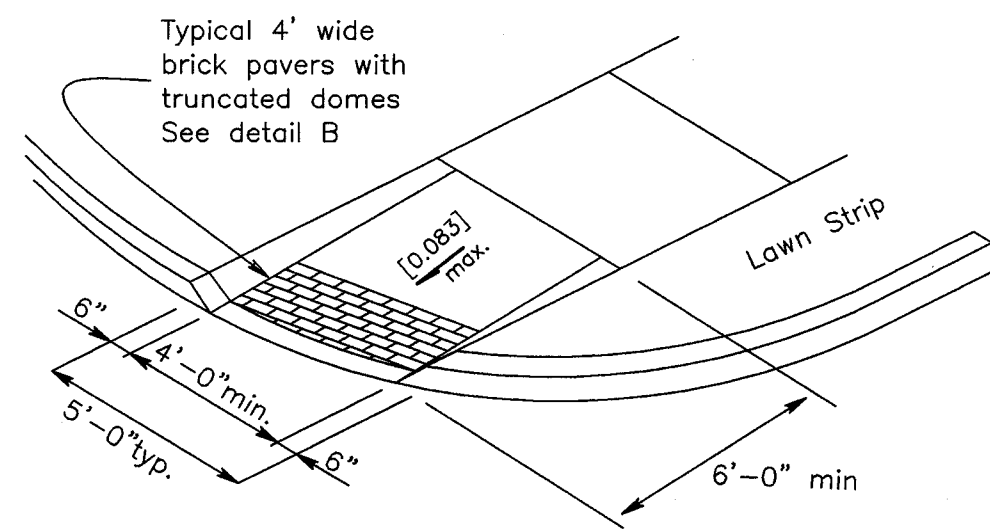
CURB RAMP TYPE A



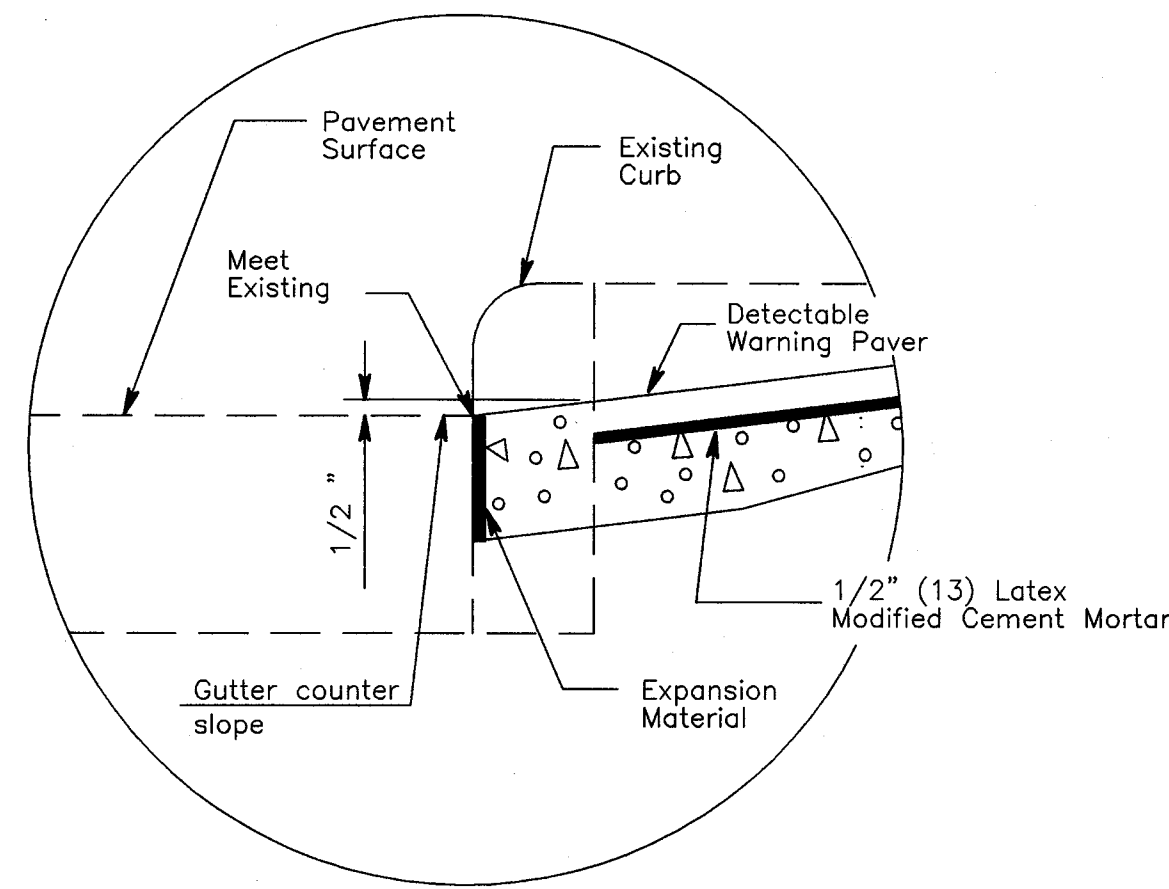
CURB RAMP TYPE C



DETAIL B



CURB RAMP TYPE B



DETAIL A

LEGEND

- 1 The engineer may permit no less than 3'-0" in existing sidewalks if the landing is unconstrained along the back edge.
- 2 Where landing width has been reduced to 3'-0" the flared sides shall have a maximum slope of 12:1 [0.083].
- 3 The max. slope of the ramp toward the curb is 12:1 [0.083] as related to the horizontal, but the, relative to the existing or proposed walk slope.
The Engineer may allow the following in Historical Areas
A) 10:1 [0.10] for a max. rise of 6",
B) 8:1 [0.125] for a max. rise of 3",
C) 6:1 [0.167] over a max. run of 2'-0" for historic areas where a flatter slope is not feasible.
- 4 The minimum length of a Type A or B ramp is 6' from the back of a 6" curb and may be increased where feasible to obtain a flatter ramp slope or to better blend with the walk configuration.
- 5 Gutter counter slopes at the foot of perpendicular curb ramps should not exceed 20:1 [0.05] over a distance of 2'-0" from the curb.

NOTES:

SURFACE TEXTURE: Texture of concrete surfaces shall be obtained by coarse brooming transverse to the ramp slopes and shall be rougher than the adjacent walk.

TRUNCATED DOMES: Install detectable warnings (truncated domes) for a distance of 24" from the back of curb for the entire width of the ramp opening.

Pavers will meet ASTM C 902 Class SX, Type 1, or C 936, or C 1272 Type R.

ACCEPTABLE MANUFACTURERS AND PRODUCTS ARE AS FOLLOWS:

1. Whitacre-Greer Fireproofing Company
1400 South Mahoning Ave.
Alliance, OH 44601
1-800-WG PAVER
ADA Paver, 4"x8"x2-1/4" Clear Red, Rustic, #30
2. Hanover Architectural Products
240 Bender Road
Hanover, PA 17331
(717) 637-0500
Detectable Warning Paver, 12"x12"x2" or 24"x24"x2", Red or Quarry Red
3. Endicott Clay Products
P.O. Box 17
Fairbury, NE 68352
(402) 729-5804
Handicap Detectable Warning Paver, 4"x8"x2-1/4", Red Blend

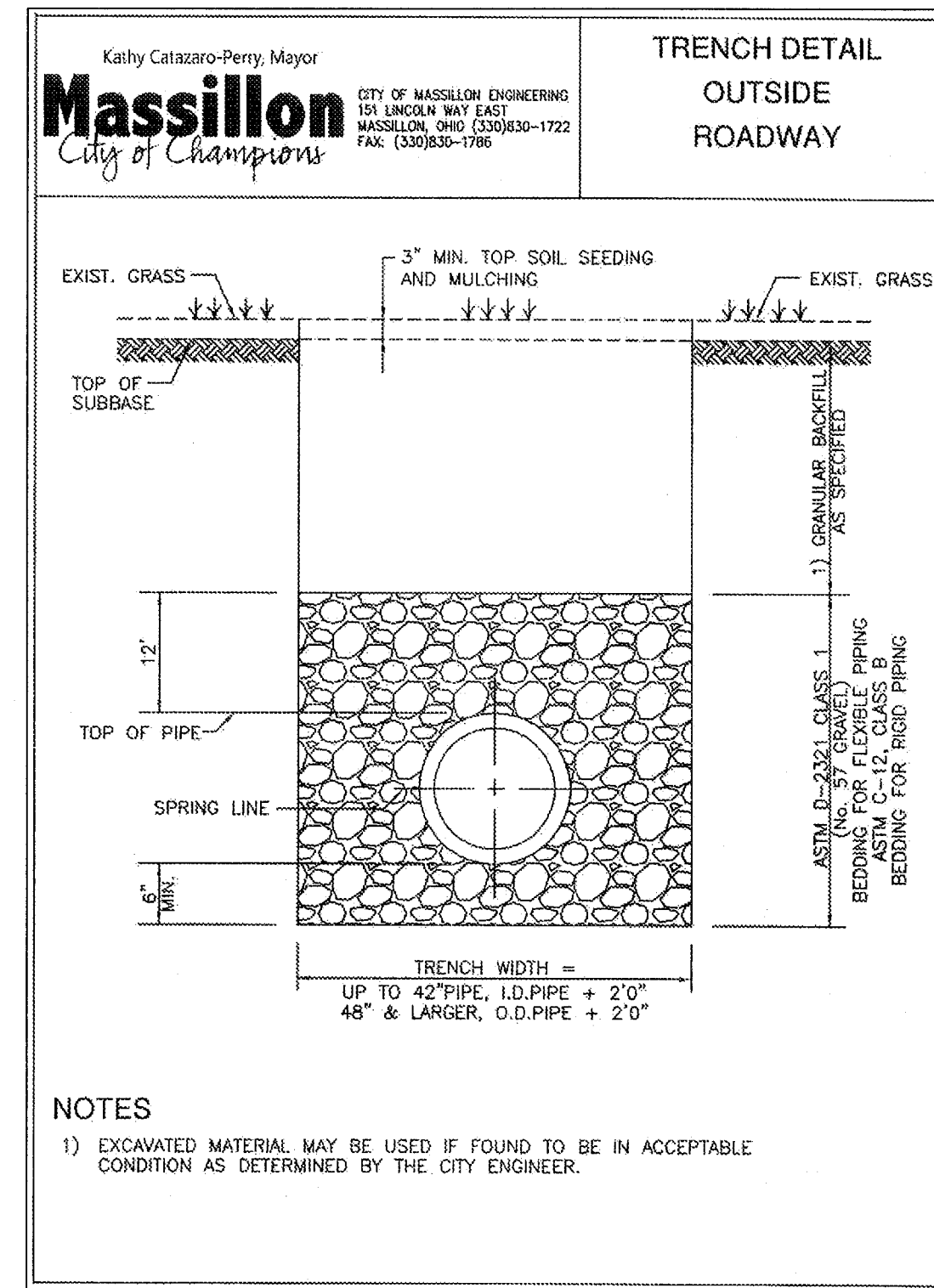
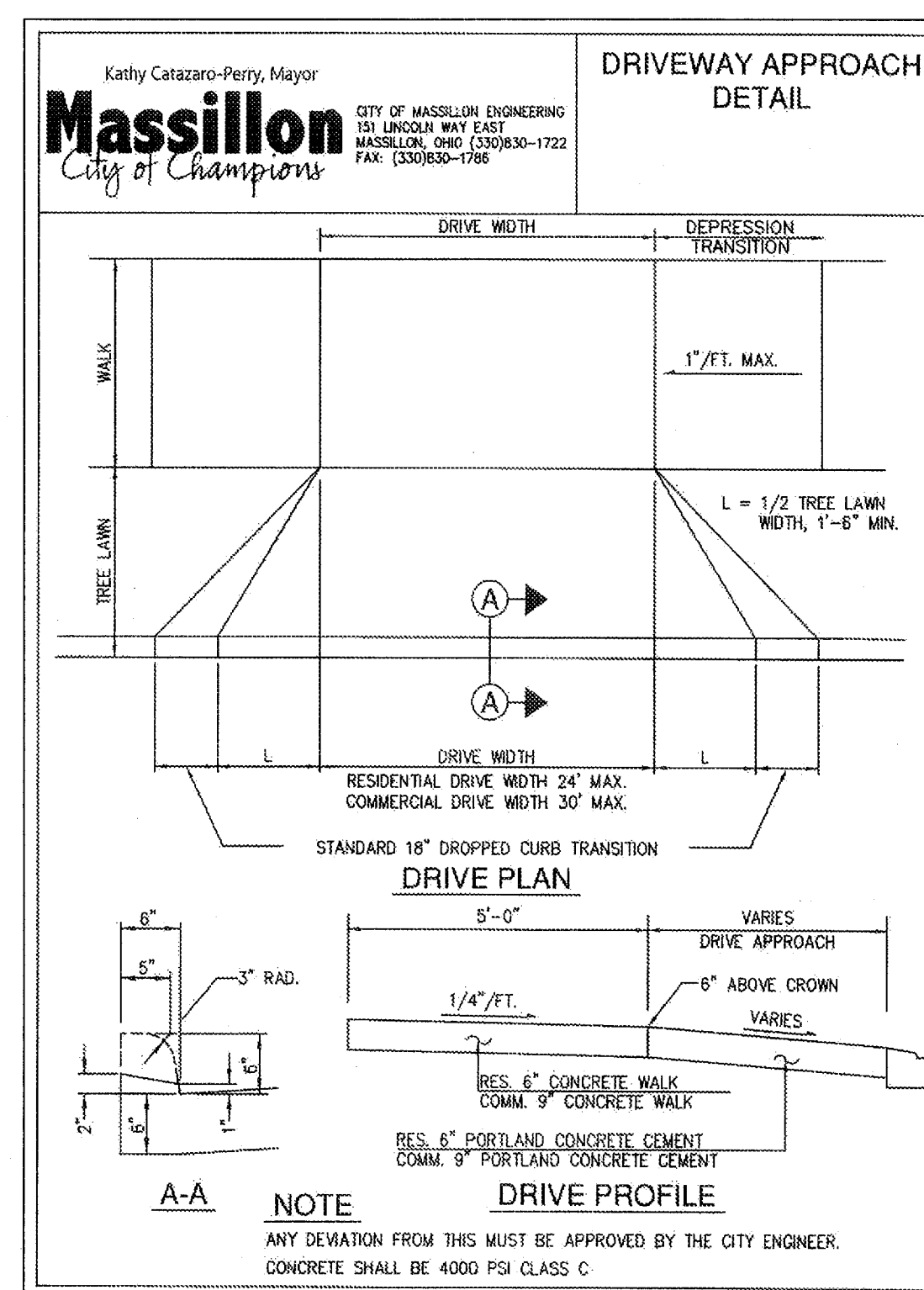
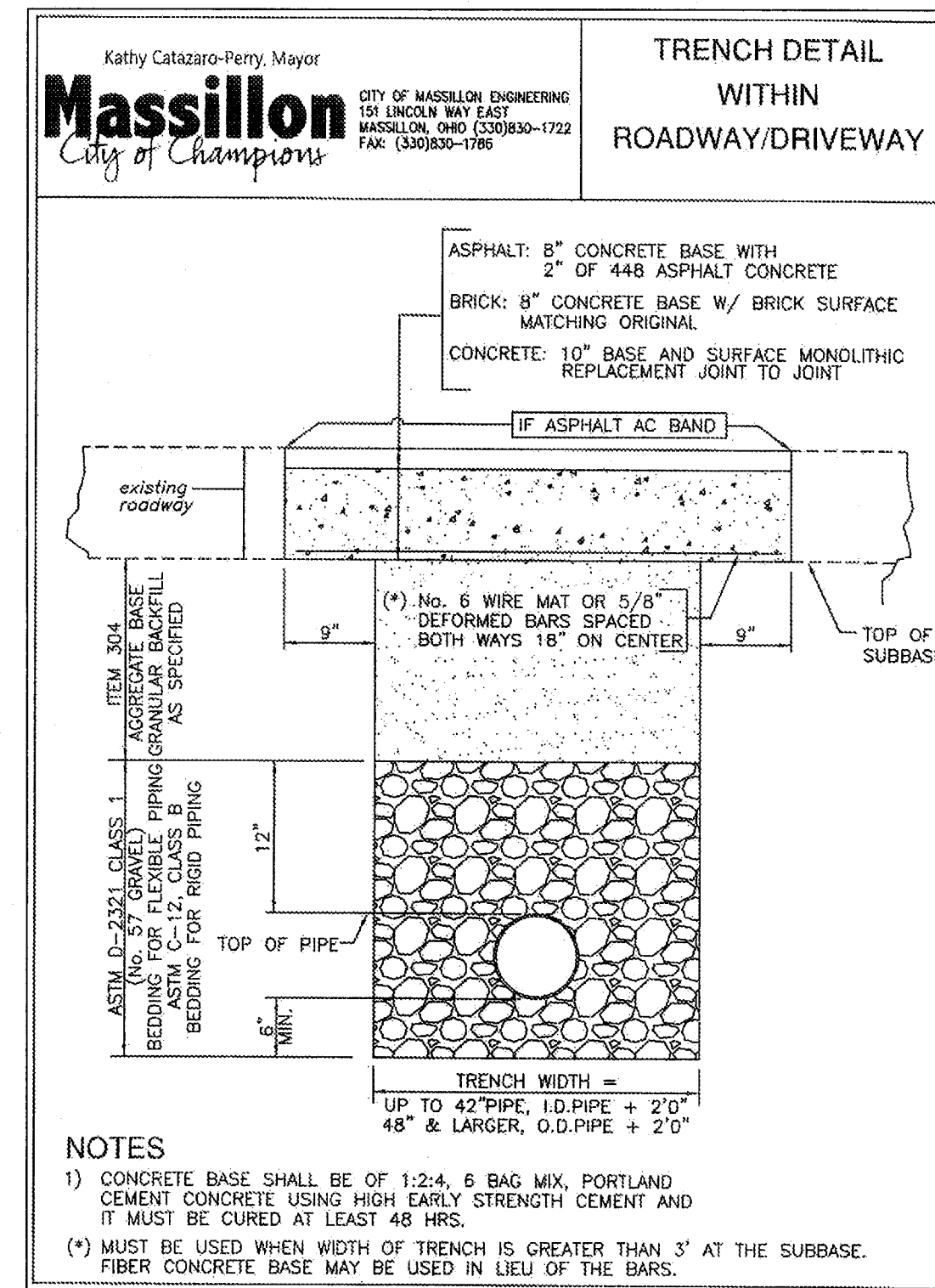
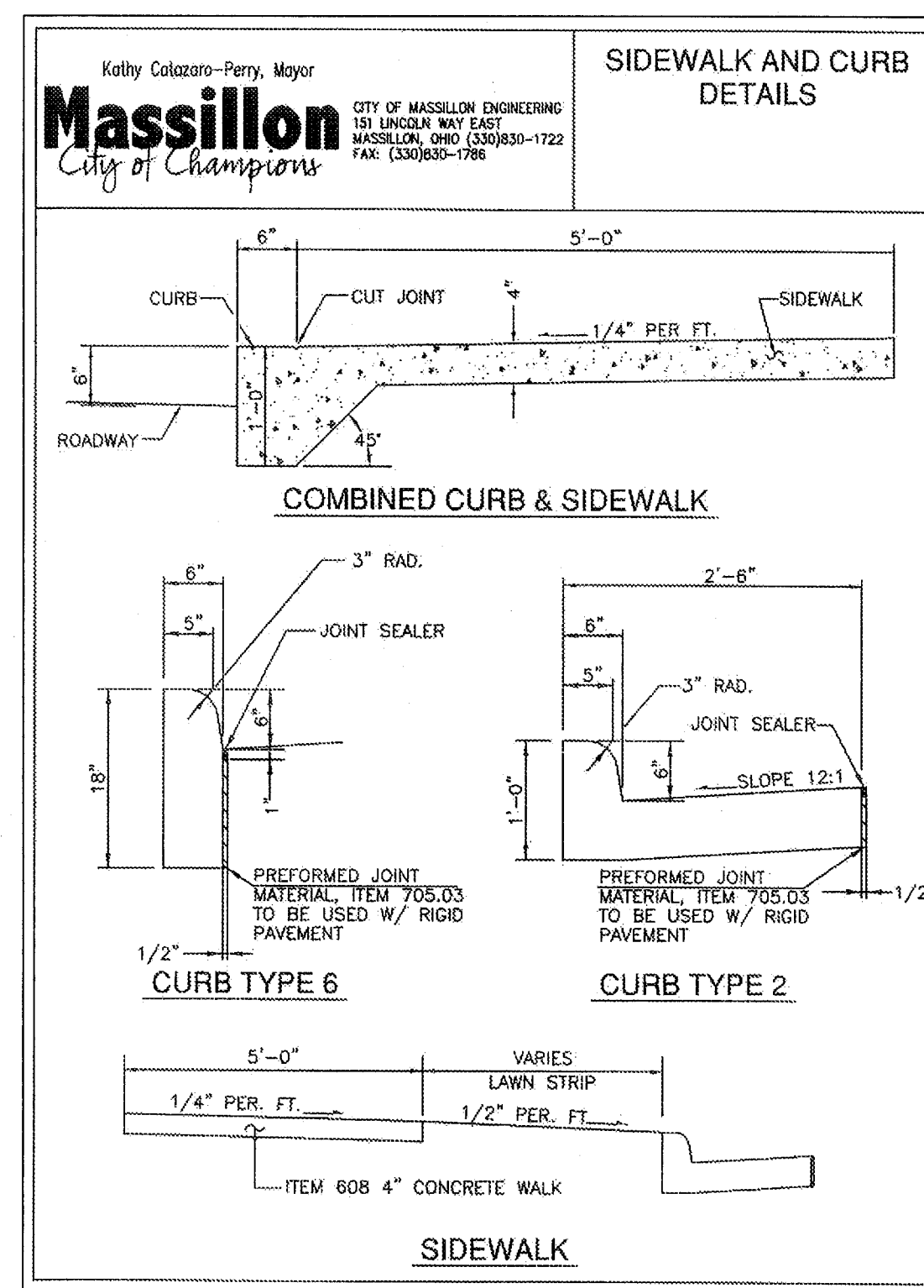
Pavers will be laid on top of a 4" unreinforced concrete base. Setting bed and joints to be mortared in accordance with manufacturer's instruction, or with a maximum 1/2" thick bed of latex modified cement mortar. Mortar joints to a width not greater than 5/32" and not less than 1/16". Pavers shall not be directly touching each other unless they have spacing bars.

Mortared joints are to be flush with top surface and struck so as to give a smooth surface. Pavers shall be laid such that joints are level with adjoining joints so as to provide a smooth transition from brick to brick and brick to concrete surface.

The surface of any two adjacent units should not differ by more than 1/8" in height. Bricks shall be placed in a running bond pattern. Face of all brick shall be clean of cement and protected so as to avoid chipping during construction.

EXPANSION JOINTS: shall be provided in the curb ramp as extensions of walk joints and consistent with item 608.03 requirements for a new concrete walk. A 1/2" Item 705.03 expansion joint filler shall be provided around the edge of ramps built in existing concrete walk. Lines shown on this drawing indicate the ramp edge and slope changes and are not necessarily joint lines.

RELIEF JOINTS: must be provide at all points of continuous slope changes in Curb Type A and Type C.



Walgreens
 FACILITIES PLANNING
 DESIGN AND ENGINEERING
 106 WILMOT ROAD
 DEERFIELD, IL 60015-5105

VISCONSI
 COMPANIES LTD

STATE OF OHIO
 DARRIN WALKER
 57418
 PROFESSIONAL ENGINEER

GPD GROUP
 520 South Main Street, Suite 200
 Allentown, PA 18101
 610.261.1234
 610.261.1235
 610.261.1236
 610.261.1237
 610.261.1238
 610.261.1239
 610.261.1240
 610.261.1241
 610.261.1242
 610.261.1243
 610.261.1244
 610.261.1245
 610.261.1246
 610.261.1247
 610.261.1248
 610.261.1249
 610.261.1250
 610.261.1251
 610.261.1252
 610.261.1253
 610.261.1254
 610.261.1255
 610.261.1256
 610.261.1257
 610.261.1258
 610.261.1259
 610.261.1260
 610.261.1261
 610.261.1262
 610.261.1263
 610.261.1264
 610.261.1265
 610.261.1266
 610.261.1267
 610.261.1268
 610.261.1269
 610.261.1270
 610.261.1271
 610.261.1272
 610.261.1273
 610.261.1274
 610.261.1275
 610.261.1276
 610.261.1277
 610.261.1278
 610.261.1279
 610.261.1280
 610.261.1281
 610.261.1282
 610.261.1283
 610.261.1284
 610.261.1285
 610.261.1286
 610.261.1287
 610.261.1288
 610.261.1289
 610.261.1290
 610.261.1291
 610.261.1292
 610.261.1293
 610.261.1294
 610.261.1295
 610.261.1296
 610.261.1297
 610.261.1298
 610.261.1299
 610.261.1300
 610.261.1301
 610.261.1302
 610.261.1303
 610.261.1304
 610.261.1305
 610.261.1306
 610.261.1307
 610.261.1308
 610.261.1309
 610.261.1310
 610.261.1311
 610.261.1312
 610.261.1313
 610.261.1314
 610.261.1315
 610.261.1316
 610.261.1317
 610.261.1318
 610.261.1319
 610.261.1320
 610.261.1321
 610.261.1322
 610.261.1323
 610.261.1324
 610.261.1325
 610.261.1326
 610.261.1327
 610.261.1328
 610.261.1329
 610.261.1330
 610.261.1331
 610.261.1332
 610.261.1333
 610.261.1334
 610.261.1335
 610.261.1336
 610.261.1337
 610.261.1338
 610.261.1339
 610.261.1340
 610.261.1341
 610.261.1342
 610.261.1343
 610.261.1344
 610.261.1345
 610.261.1346
 610.261.1347
 610.261.1348
 610.261.1349
 610.261.1350
 610.261.1351
 610.261.1352
 610.261.1353
 610.261.1354
 610.261.1355
 610.261.1356
 610.261.1357
 610.261.1358
 610.261.1359
 610.261.1360
 610.261.1361
 610.261.1362
 610.261.1363
 610.261.1364
 610.261.1365
 610.261.1366
 610.261.1367
 610.261.1368
 610.261.1369
 610.261.1370
 610.261.1371
 610.261.1372
 610.261.1373
 610.261.1374
 610.261.1375
 610.261.1376
 610.261.1377
 610.261.1378
 610.261.1379
 610.261.1380
 610.261.1381
 610.261.1382
 610.261.1383
 610.261.1384
 610.261.1385
 610.261.1386
 610.261.1387
 610.261.1388
 610.261.1389
 610.261.1390
 610.261.1391
 610.261.1392
 610.261.1393
 610.261.1394
 610.261.1395
 610.261.1396
 610.261.1397
 610.261.1398
 610.261.1399
 610.261.1400
 610.261.1401
 610.261.1402
 610.261.1403
 610.261.1404
 610.261.1405
 610.261.1406
 610.261.1407
 610.261.1408
 610.261.1409
 610.261.1410
 610.261.1411
 610.261.1412
 610.261.1413
 610.261.1414
 610.261.1415
 610.261.1416
 610.261.1417
 610.261.1418
 610.261.1419
 610.261.1420
 610.261.1421
 610.261.1422
 610.261.1423
 610.261.1424
 610.261.1425
 610.261.1426
 610.261.1427
 610.261.1428
 610.261.1429
 610.261.1430
 610.261.1431
 610.261.1432
 610.261.1433
 610.261.1434
 610.261.1435
 610.261.1436
 610.261.1437
 610.261.1438
 610.261.1439
 610.261.1440
 610.261.1441
 610.261.1442
 610.261.1443
 610.261.1444
 610.261.1445
 610.261.1446
 610.261.1447
 610.261.1448
 610.261.1449
 610.261.1450
 610.261.1451
 610.261.1452
 610.261.1453
 610.261.1454
 610.261.1455
 610.261.1456
 610.261.1457
 610.261.1458
 610.261.1459
 610.261.1460
 610.261.1461
 610.261.1462
 610.261.1463
 610.261.1464
 610.261.1465
 610.261.1466
 610.261.1467
 610.261.1468
 610.261.1469
 610.261.1470
 610.261.1471
 610.261.1472
 610.261.1473
 610.261.1474
 610.261.1475
 610.261.1476
 610.261.1477
 610.261.1478
 610.261.1479
 610.261.1480
 610.261.1481
 610.261.1482
 610.261.1483
 610.261.1484
 610.261.1485
 610.261.1486
 610.261.1487
 610.261.1488
 610.261.1489
 610.261.1490
 610.261.1491
 610.261.1492
 610.261.1493
 610.261.1494
 610.261.1495
 610.261.1496
 610.261.1497
 610.261.1498
 610.261.1499
 610.261.1500
 610.261.1501
 610.261.1502
 610.261.1503
 610.261.1504
 610.261.1505
 610.261.1506
 610.261.1507
 610.261.1508
 610.261.1509
 610.261.1510
 610.261.1511
 610.261.1512
 610.261.1513
 610.261.1514
 610.261.1515
 610.261.1516
 610.261.1517
 610.261.1518
 610.261.1519
 610.261.1520
 610.261.1521
 610.261.1522
 610.261.1523
 610.261.1524
 610.261.1525
 610.261.1526
 610.261.1527
 610.261.1528
 610.261.1529
 610.261.1530
 610.261.1531
 610.261.1532
 610.261.1533
 610.261.1534
 610.261.1535
 610.261.1536
 610.261.1537
 610.261.1538
 610.261.1539
 610.261.1540
 610.261.1541
 610.261.1542
 610.261.1543
 610.261.1544
 610.261.1545
 610.261.1546
 610.261.1547
 610.261.1548
 610.261.1549
 610.261.1550
 610.261.1551
 610.261.1552
 610.261.1553
 610.261.1554
 610.261.1555
 610.261.1556
 610.261.1557
 610.261.1558
 610.261.1559
 610.261.1560
 610.261.1561
 610.261.1562
 610.261.1563
 610.261.1564
 610.261.1565
 610.261.1566
 610.261.1567
 610.261.1568
 610.261.1569
 610.261.1570
 610.261.1571
 610.261.1572
 610.261.1573
 610.261.1574
 610.261.1575
 610.261.1576
 610.261.1577
 610.261.1578
 610.261.1579
 610.261.1580
 610.261.1581
 610.261.1582
 610.261.1583
 610.261.1584
 610.261.1585
 610.261.1586
 610.261.1587
 610.261.1588
 610.261.1589
 610.261.1590
 610.261.1591
 610.261.1592
 610.261.1593
 610.261.1594
 610.261.1595
 610.261.1596
 610.261.1597
 610.261.1598
 610.261.1599
 610.261.1600
 610.261.1601
 610.261.1602
 610.261.1603
 610.261.1604
 610.261.1605
 610.261.1606
 610.261.1607
 610.261.1608
 610.261.1609
 610.261.1610
 610.261.1611
 610.261.1612
 610.261.1613
 610.261.1614
 610.261.1615
 610.261.1616
 610.261.1617
 610.261.1618
 610.261.1619
 610.261.1620
 610.261.1621
 610.261.1622
 610.261.1623
 610.261.1624
 610.261.1625
 610.261.1626
 610.261.1627
 610.261.1628
 610.261.1629
 610.261.1630
 610.261.1631
 610.261.1632
 610.261.1633
 610.261.1634
 610.261.1635
 610.261.1636
 610.261.1637
 610.261.1638
 610.261.1639
 610.261.1640
 610.261.1641
 610.261.1642
 610.261.1643
 610.261.1644
 610.261.1645
 610.261.1646
 610.261.1647
 610.261.1648
 610.261.1649
 610.261.1650
 610.261.1651
 610.261.1652
 610.261.1653
 610.261.1654
 610.261.1655
 610.261.1656
 610.261.1657
 610.261.1658
 610.261.1659
 610.261.1660
 610.261.1661
 610.261.1662
 610.261.1663
 610.261.1664
 610.261.1665
 610.261.1666
 610.261.1667
 610.261.1668
 610.261.1669
 610.261.1670
 610.261.1671
 610.261.1672
 610.261.1673
 610.261.1674
 610.261.1675
 610.261.1676
 610.261.1677
 610.261.1678
 610.261.1679
 610.261.1680
 610.261.1681
 610.261.1682
 610.261.1683
 610.261.1684
 610.261.1685
 610.261.1686
 610.261.1687
 610.261.1688
 610.261.1689
 610.261.1690
 610.261.1691
 610.261.1692
 610.261.1693
 610.261.1694
 610.261.1695
 610.261.1696
 610.261.1697
 610.261.1698
 610.261.1699
 610.261.1700
 610.261.1701
 610.261.1702
 610.261.1703
 610.261.1704
 610.261.1705
 610.261.1706
 610.261.1707
 610.261.1708
 610.261.1709
 610.261.1710
 610.261.1711
 610.261.1712
 610.261.1713
 610.261.1714
 610.261.1715
 610.261.1716
 610.261.1717
 610.261.1718
 610.261.1719
 610.261.1720
 610.261.1721
 610.261.1722
 610.261.1723
 610.261.1724
 610.261.1725
 610.261.1726
 610.261.1727
 610.261.1728
 610.261.1729
 610.261.1730
 610.261.1731
 610.261.1732
 610.261.1733
 610.261.1734
 610.261.1735
 610.261.1736
 610.261.1737
 610.261.1738
 610.261.1739
 610.261.1740
 610.261.1741
 610.261.1742
 610.261.1743
 610.261.1744
 610.261.1745
 610.261.1746
 610.261.1747
 610.26

[illegible][illegible]

WALGREENS
WATER POLLUTION PREVENTION
STREET NW AND LINCOLN
STARK COUNTY
CITY OF MASSILLON, OHIO

3-22-13
JOB # 2011095.01

BASIS OF BEARING:
BASIS OF BEARING IS STATE PLANE GRID NORTH,
NAID 83(CORS 96), OHIO NORTH ZONE.
ELEVATIONS ARE NAVD 88.

BENCHMARK:

BM 1
"ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST
CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 22358502
ELEV. = 939.82



BM 2
"ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF
FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2236674
ELEV. = 942.36

BM 3
DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2239734
ELEV. = 943.77

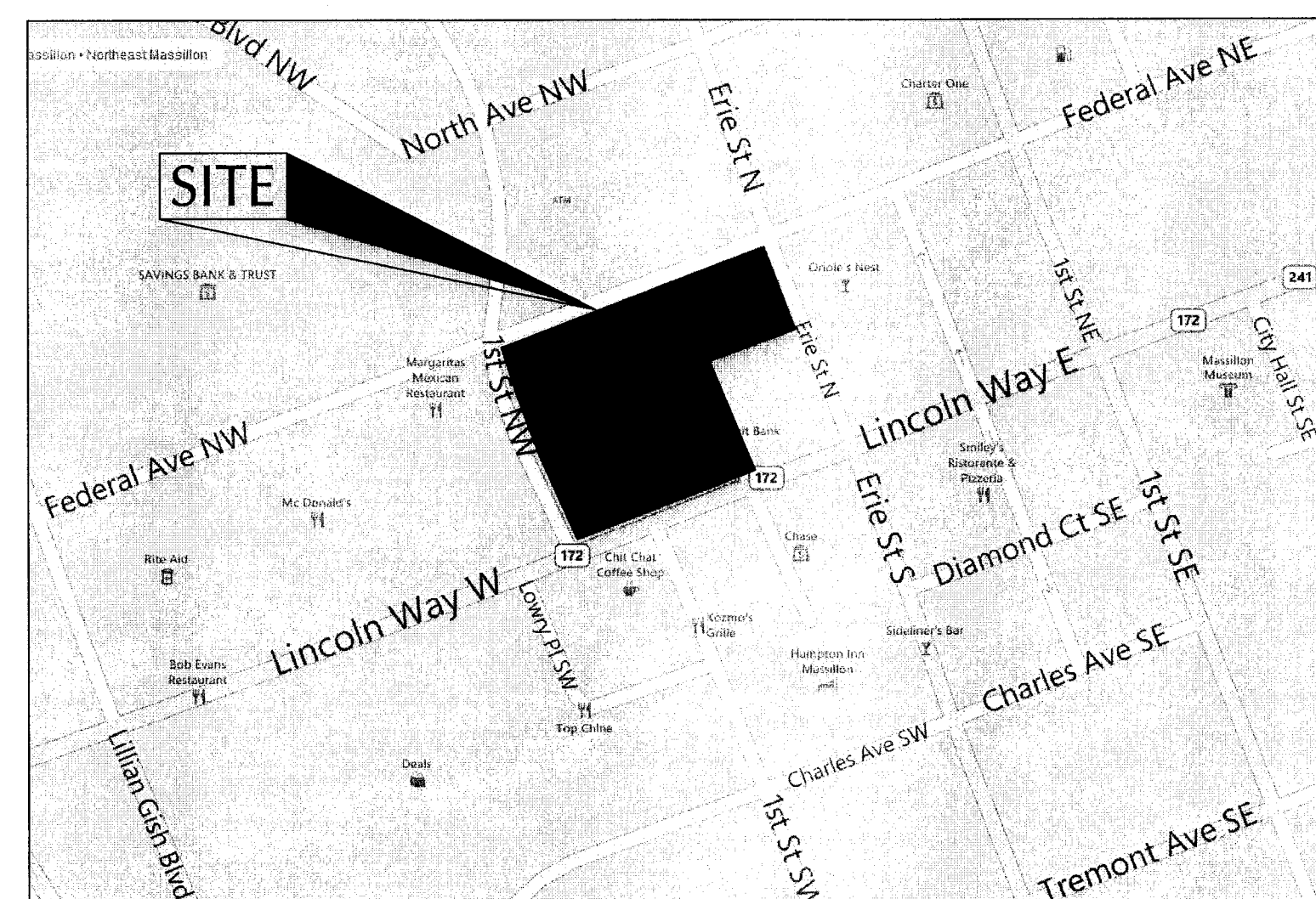
PROJECT INFORMATION

1. SITE LOCATION:
FIRST STREET NW & LINCOLN WAY
MASSILLON, OH
2. SITE OWNER\POST-CONSTRUCTION CONTACT:
VISCONSI COMPANIES, LTD.
SHAWN JURISCH (216-464-5550)
360 CORPORATE CIRCLE, 30050 CHAGRIN BLVD.
PEPPER PIKE, OH 44124
3. PROFESSIONAL ENGINEER: PLAN PREPARER:
GPD GROUP GPD GROUP
DARRIN KOTECKI, PE TRAVIS SAUNIER, PE
520 S. MAIN ST., STE. 2531 520 S. MAIN ST., STE. 2531
AKRON, OH 44311 AKRON, OH 44311
PH: 330-572-2100 PH: 330-572-2100
FAX: 330-572-2101 FAX: 330-572-2101
EMAIL: tsaunier@gpdgroup.com
4. PLAN DATE: MARCH 2013
5. CONSTRUCTION START: 6/03/13, COMPLETION: 12/31/14
- PROJECT WATERSHED: PUBLIC STORM SEWER TO TUSCARAWAS RIVER

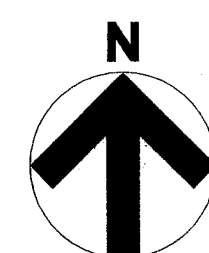
PROJECT WATERSHED: PUBLIC STORM SEWER TO TUSCARAWAS RIVER

Underground Utilities		
	<p>2 Working Days Before You Dig Call 800-362-2764 (Toll Free) Ohio Utilities Protection Service</p>	
<p>Non-members Must Be Called Directly</p>		
<p>Call 800-925-0988 (Toll Free) Oil & Gas Producers Utility Protection Service</p>		

UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON
 FIELD MARKING PROVIDED BY OURS REQUEST #A205201330
 A205201333



LOCATION MAP
NO SCALE



A PRE-CONSTRUCTION MEETING IS REQUIRED WITH THE STARK COUNTY SOIL & WATER CONSERVATION DISTRICT. THE STARK COUNTY SOIL & WATER CONSERVATION DISTRICT CAN BE CONTACTED AT 330-830-7700.

DRAWING INDEX

SWP3 TITLE SHEET.	SWP-1
SWP3 PLAN	SWP-2
SWP3 BIORETENTION NOTES AND DETAILS.	SWP-3
SWP3 NOTES AND DETAILS.	SWP-4
SWP3 NOTES AND DETAILS.	SWP-5

THE CONTRACTORS/SUBCONTRACTORS MUST FILE AS A CO-PERMITTEE UNDER THE PERMITTED OEPA CONSTRUCTION STORM WATER PERMIT _____. BY SIGNING BELOW, THE NOI PERMITTEE AND CO-PERMITTEE HAVE ACKNOWLEDGED THAT THEY HAVE FAMILIARIZED THEMSELVES WITH SWP3 DRAWINGS PRIOR TO CONSTRUCTION AND WILL ADHERE TO THE REQUIREMENTS IN THE OEPA PERMIT AND THESE PLANS.

NOI PERMITTEE: CONTACT NAME: _____

 CONTACT NUMBER: _____

 CONTACT ADDRESS: _____

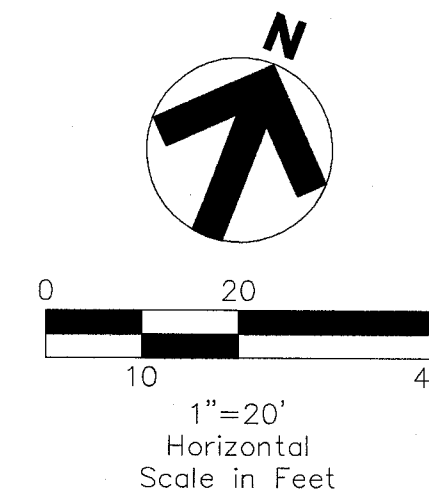
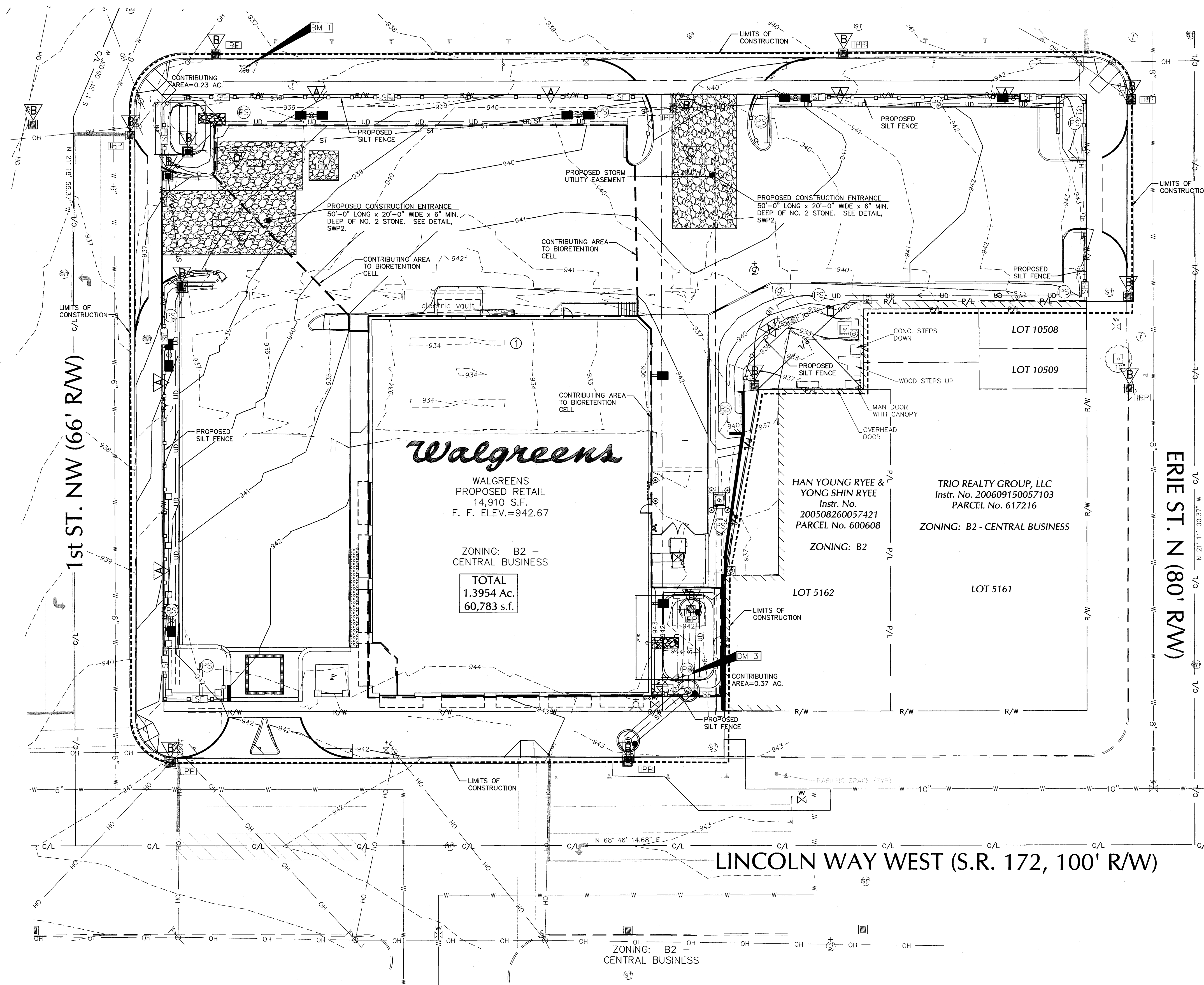
NOI CO-PERMITTEE: CONTACT NAME: _____
CONTACT NUMBER: _____
CONTACT ADDRESS: _____

NOI CO--PERMITTEE: CONTACT NAME: _____
CONTACT NUMBER: _____
CONTACT ADDRESS: _____

SWP-1		SWP3 TITLE SHEET									
CADD PLOT: 06/24/13	2012 WALGREENS CRITERIA SET WALGREENS FIRST STREET NW AND LINCOLN WAY MASSILLON, OHIO DESIGN - NOT FOR CONSTRUCTION										
DRAWN BY: CRS											
DATE: 06/28/13											
REVIEWED: TS											

No.	DATE	BY	DESCRIPTION

REVISIONS



- LEGEND**
(SEE SHEET C-001 FOR GENERAL LEGEND)
- : SILT FENCE
 - : INLET PROTECTION
 - : STABILIZED CONSTRUCTION ENTRANCE
 - : CONCRETE WASHOUT FACILITY

CONSTRUCTION SEQUENCE

1. STAKE AND/OR FLAG LIMITS OF CLEARING.
2. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED.
3. CLEAR & GRUB, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS.
4. INSTALL SILT FENCE PERIMETER CONTROLS, INLET PROTECTION ON EXISTING CATCH BASIN STRUCTURES.
 SILT FENCE
 DANDY BAG INLET PROTECTION
5. INSTALL CONSTRUCTION ENTRANCE AND CONCRETE WASHOUT FACILITY, IF CONDITIONS ARE SUCH THAT MUD IS COLLECTING ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD ONTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY. EXISTING PAVEMENT MAY BE USED AS A CONSTRUCTION ENTRANCE PROVIDED MUD IS NOT TRACKING ONTO ADJACENT ROADWAYS.
 CONSTRUCTION ENTRANCE
 CONCRETE WASHOUT FACILITY
6. CONSTRUCTION STAGING AREAS. STAGING AREA SHALL INCLUDE AREA FOR DUMPSTERS, TOXIC WASTE CONTAINERS, SANITARY FACILITIES AND VEHICLE REFUELING. EXISTING PAVEMENT MAY BE USED AS A STAGING AREA PROVIDED MUD AND SEDIMENT IS BEING CONTAINED ON SITE.
 CONSTRUCTION STAGING AREA FOR VEHICLE REFUELING, SANITARY FACILITIES, AND DUMPSTERS FOR SOLID AND TOXIC WASTES.
7. PROCEED WITH CONSTRUCTION OF PROPOSED BUILDING AND UNDERGROUND UTILITIES. INSTALL INLET PROTECTION AROUND CATCH BASINS AS THEY ARE INSTALLED.
8. MAINTAIN SILT FENCE AND CONTROL SEDIMENT RUNOFF UNTIL SITE HAS BEEN STABILIZED WITH STONE BASE OR PERMANENT PAVEMENT.
9. SPREAD TOPSOIL, SEED, AND MULCH ALL AREAS NOT STABILIZED WITH PAVEMENT. MAINTAIN PERIMETER CONTROLS UNTIL A 70% VEGETATIVE COVER HAS BEEN ESTABLISHED.
 PERMANENT SEEDING & MULCHING

Underground Utilities

2 Working Days Before You Dig
Call 800-362-2764 (Toll Free)
Ohio Utilities Protection Service

Non-members Must Be Called Directly
Call 800-925-0988 (Toll Free)
Oil & Gas Producers Utility Protection Service

UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON FIELD MARKING PROVIDED BY OUPS REQUEST #A205201330 & A205201333.

BASIS OF BEARING:
BASIS OF BEARING IS STATE PLANE GRID NORTH, NAD 83(CORS 96), OHIO NORTH ZONE.
ELEVATIONS ARE NAVD 88.

BENCHMARK:
BM 1
"ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 2238502
ELEV. = 939.82

BM 2
"ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2238674
ELEV. = 942.36

BM 3
DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

FACILITIES PLANNING
DESIGN AND ENGINEERING
108 WILMOT ROAD
DEERFIELD, IL 60015-5105

VISCONSI
COMPANIES LTD

6-2413

GPD GROUP
330 South Main Street, Suite 200
Cincinnati, OH 45202
313.572.2100 Fax: 313.572.2101
Copyright © 2012 GPD Group, Inc. All Rights Reserved.

GPD GROUP, JOB NUMBER: 2011085.01
I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF OHIO AS SIGNIFIED BY MY HAND AND SEAL.

NO.		DATE	BY	DESCRIPTION	REVISIONS

SWP3 PLAN

2012 WALGREENS CRITERIA SET

WALGREENS

FIRST STREET NW AND LINCOLN WAY
MASSILLON, OHIO

DESIGN - NOT FOR CONSTRUCTION

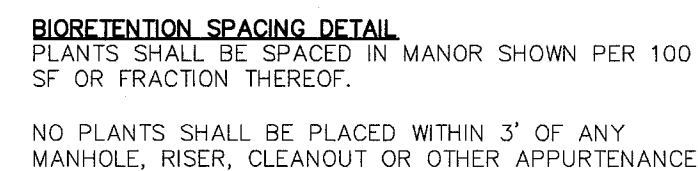
CADD PLOT: 06/24/13

DRAWN BY: GRS

DATE: 06/28/13

REVIEWED: TS

SWP-2



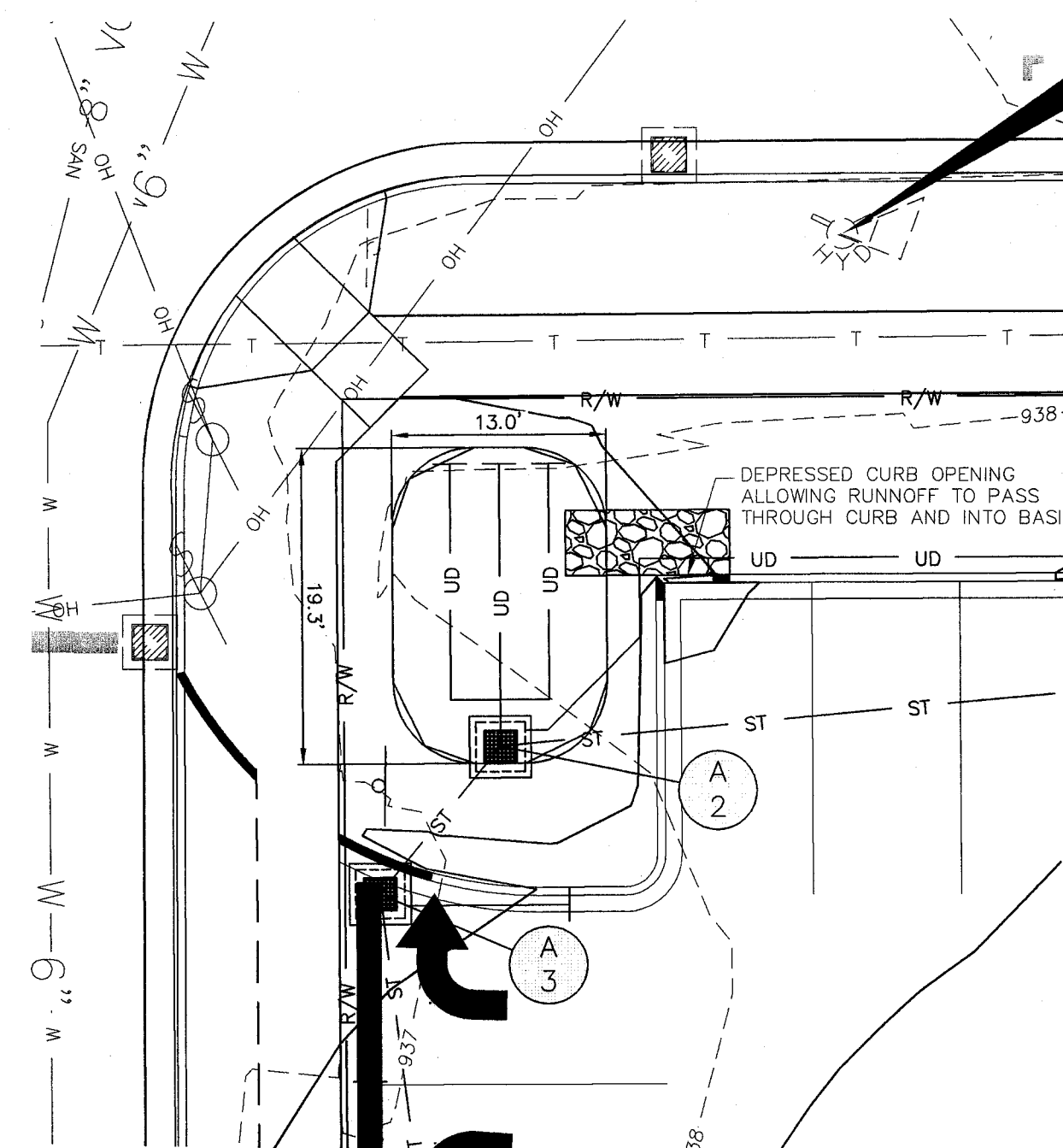
- 1.) CLETHRA ALNIFOLIA - SUMMERSWEET:
2 PLANTS IN 2-GALLON CONTAINERS PER 100 SF
- 2.) ELYMUS VIRGATUM - VIRGINIA WILD RYE
6 PLANTS IN 1-GALLON CONTAINERS PER 100 SF
- 3.) VERBENA HASTATA - BLUE VERVAIN
8 PLANTS IN 1-GALLON CONTAINERS PER 100 SF

GENERAL NOTES:

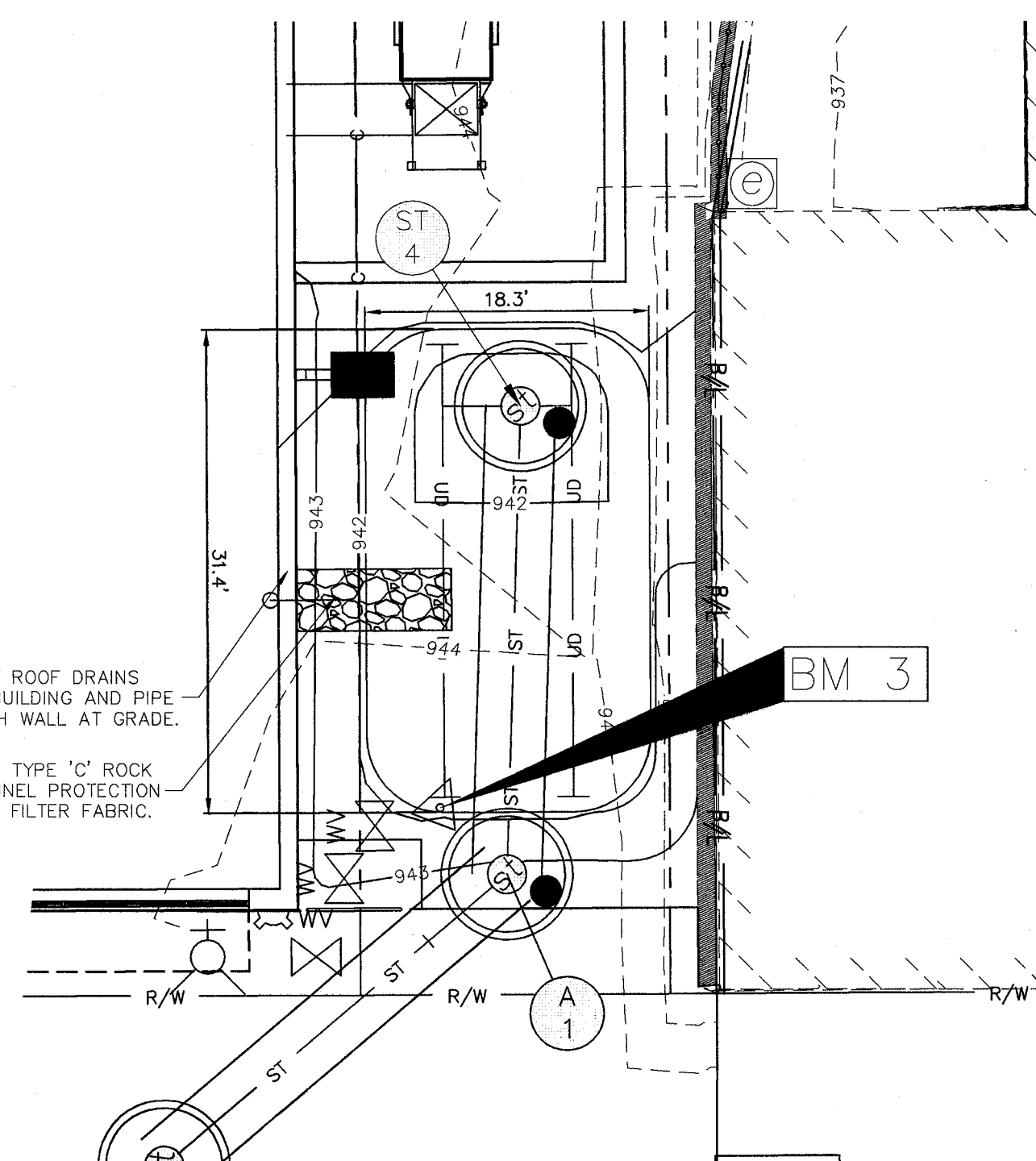
1. MULCH: THE MULCH LAYER SHOULD CONSIST OF A MINIMUM OF 3 INCHES OF COMMERCIALLY AVAILABLE COARSE SHREDED HARDWOOD
2. PLANTING SOIL: THE PLANTING SOIL SHALL HAVE THE FOLLOWING CHARACTERISTICS:
 - TEXTURE CLASS: SANDY LOAM OR LOAMY SAND CONTAINING NO LESS THAN 72% SAND AND NO GREATER THAN 10% CLAY LEAVING ONLY THE MINERAL FRACTION OF THE SOIL.
 - pH RANGE: 5.2-7.0
 - SOLUBLE SALTS: 500 PPM MAXIMUM
 - ORGANIC MATTER: 5-20%
 - PHOSPHORUS: SOIL P-INDEX BETWEEN 15 AND 40
 - SAND SHALL BE CLEAN AND MET AASHTO M-6 OR ASTM C-33 WITH A GRAIN SIZE OF 0.075 INCHES
- THE SOIL MIX DESIGN SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER BEFORE ORDERING THE MATERIAL.
3. FILTER LAYER: THE FILTER LAYER SHALL CONSIST OF A GEOTEXTILE FABRIC MEETING THE FOLLOWING CRITERIA:
 - MINIMUM FLOW RATE: 125 GPM PER ASTM D491
 - PUNCTURE STRENGTH OF 125 LBS PER ASTM D-751
 - MULLEN BURST STRENGTH OF 400 PSI PER ASTM D-1117
 - TENSILE STRENGTH OF 300 LBS PER ASTM D-1682
4. GRAVEL LAYER AND UNDERDRAIN SYSTEM: THE GRAVEL LAYER SHALL CONSIST OF A MINIMUM OF 9" OF #57 STONE, WITH A MINIMUM OF 3" ABOVE AND BELOW THE UNDERDRAIN. UNDERDRAIN SHALL BE AS SPECIFIED ON THE UTILITY PLAN.



TYPICAL SECTION



TYPICAL SECTION



UTILITY STRUCTURES

- A PROPOSED STORM MANHOLE
 7.3' DIET NO. 3 PRECAST
 INV. 54'2" RCP (NE,S)= 929.25
- 2 PROP. 3x3 CATCH BASIN
 E.J.W 5250 PLAST CASTING
 INV.=936.50
 INV. 4" PVC (N)=932.50
 INV. 12" HDPE (SW)=932.50
 INV. 15" HDPE (E)=932.50
 BOTTOM OF SUMP=930.50
- 3 PROP. 3x3 CATCH BASIN
 E.J.W 5250 PLAST CASTING
 INV.=936.80
 INV. 4" PVC (NE,S)=934.80
 INV. 12" HDPE (NE)=832.90
 BOTTOM OF SUMP=930.90
- 4 PROP. 3x3 CATCH BASIN
 E.J.W 7055 CURB INLET CASTING
 INV.=937.89
 INV. 4" PVC (N)=935.89
 INV. 12" HDPE (N)=932.89
 INV. 15" HDPE (SW)=932.89
 BOTTOM OF SUMP=931.39

INVERT DATA

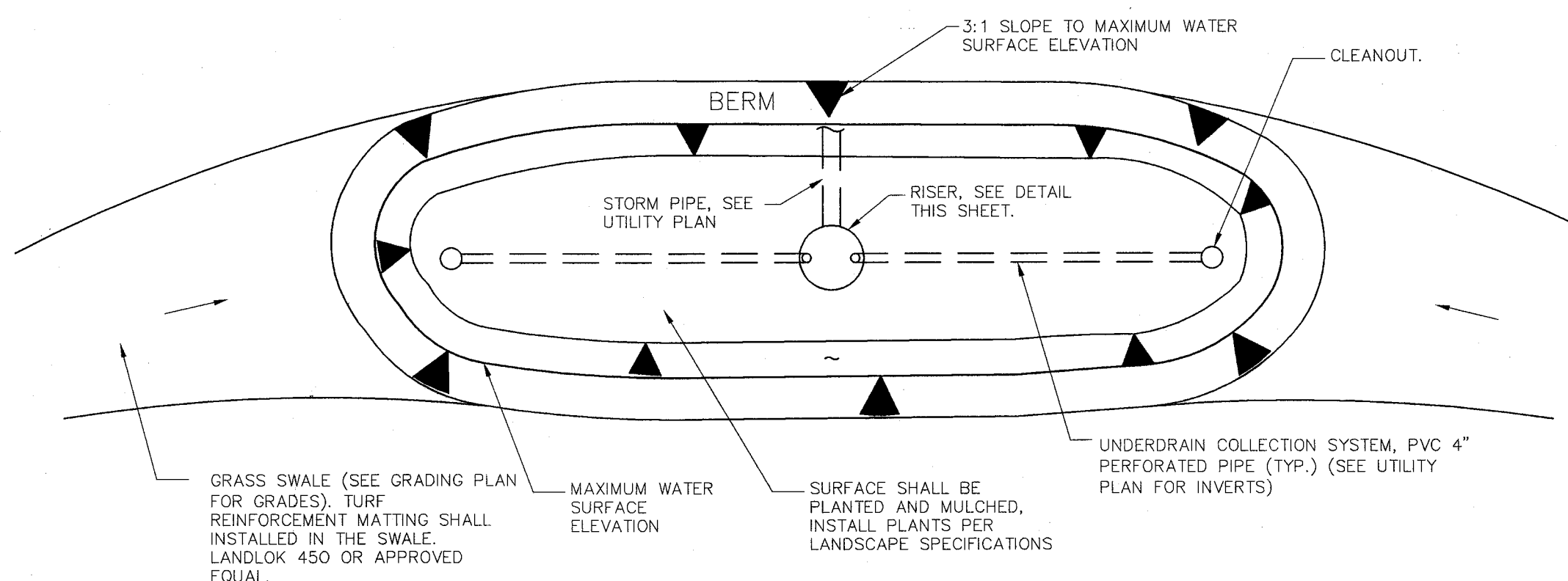
- (S) 1. EXISTING STORM MANHOLE
 T/C=943.19
 INV. 12" VCP (N)=941.19
 INV. 12" VCP (S)=941.19
 INV. 12" VCP (W)=940.19

(S) 2. EXISTING STORM CATCH BASIN
 T/C=942.57
 SILTED=936.57

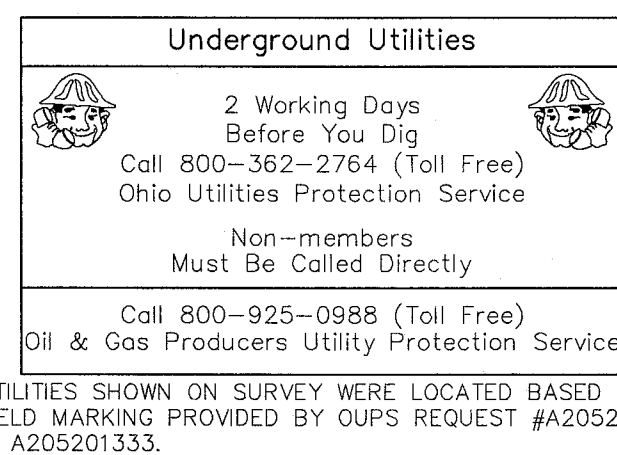
(S) 3. EXISTING STORM MANHOLE
 T/C = 943.12
 INV. 54" Brick (N)=929.22
 INV. 12" VCP (E)=933.82
 INV. 12" VCP (S)=934.82
 INV. 54" Brick (S)=929.22

(S) 4. EXISTING STORM MANHOLE
 SURV. 54" Brick (N,S)=929.22±

(S) 5. EXISTING STORM CATCH BASIN
 T/C = 935.55
 INV. 12" VCP (W)=932.45
 INV. 6" PVC (N)=932.55



TYPICAL BIORETENTION AREA SCHEMATIC (PLAN)



UTILITIES SHOWN ON SURVEY WERE LOCATED BASED ON
FIELD MARKING PROVIDED BY OUPS REQUEST #A205201330
& A205201333.

Basis of bearing:

BASIS OF BEARING IS STATE PLANE GRID NORTH,
NAD 83(CORS 96), OHIO NORTH ZONE.

ELEVATIONS ARE NAVD 88.

BENCHMARK:

BM 1
"ARROW" SYMBOL ON HYDRANT AT THE SOUTHEAST
CORNER OF FEDERAL AVE. & FIRST ST.
N 413261
E 2238502
ELEV. = 939.82

BM 2

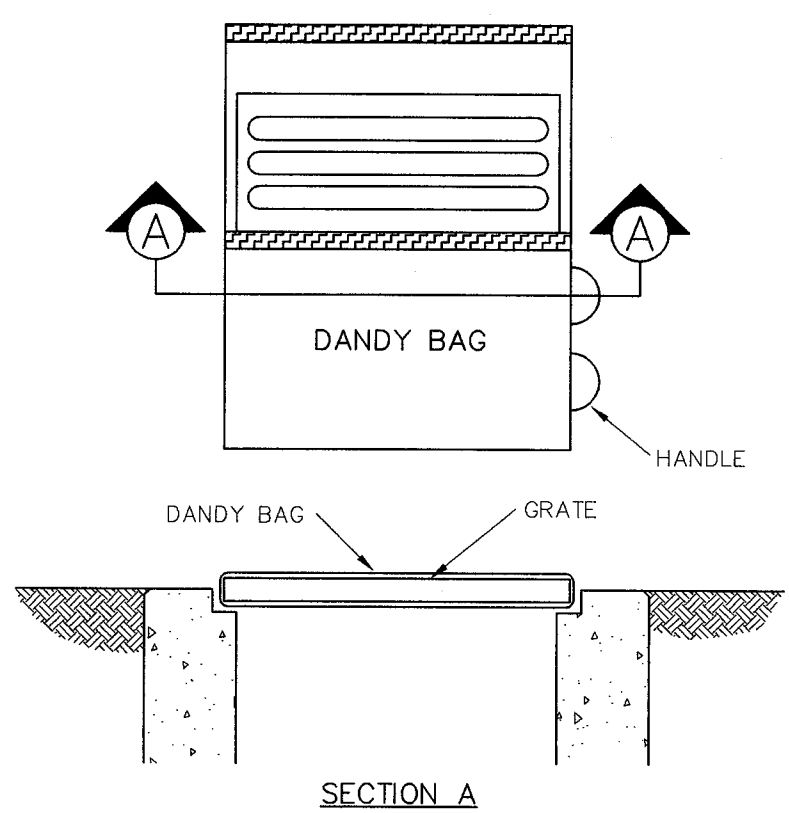
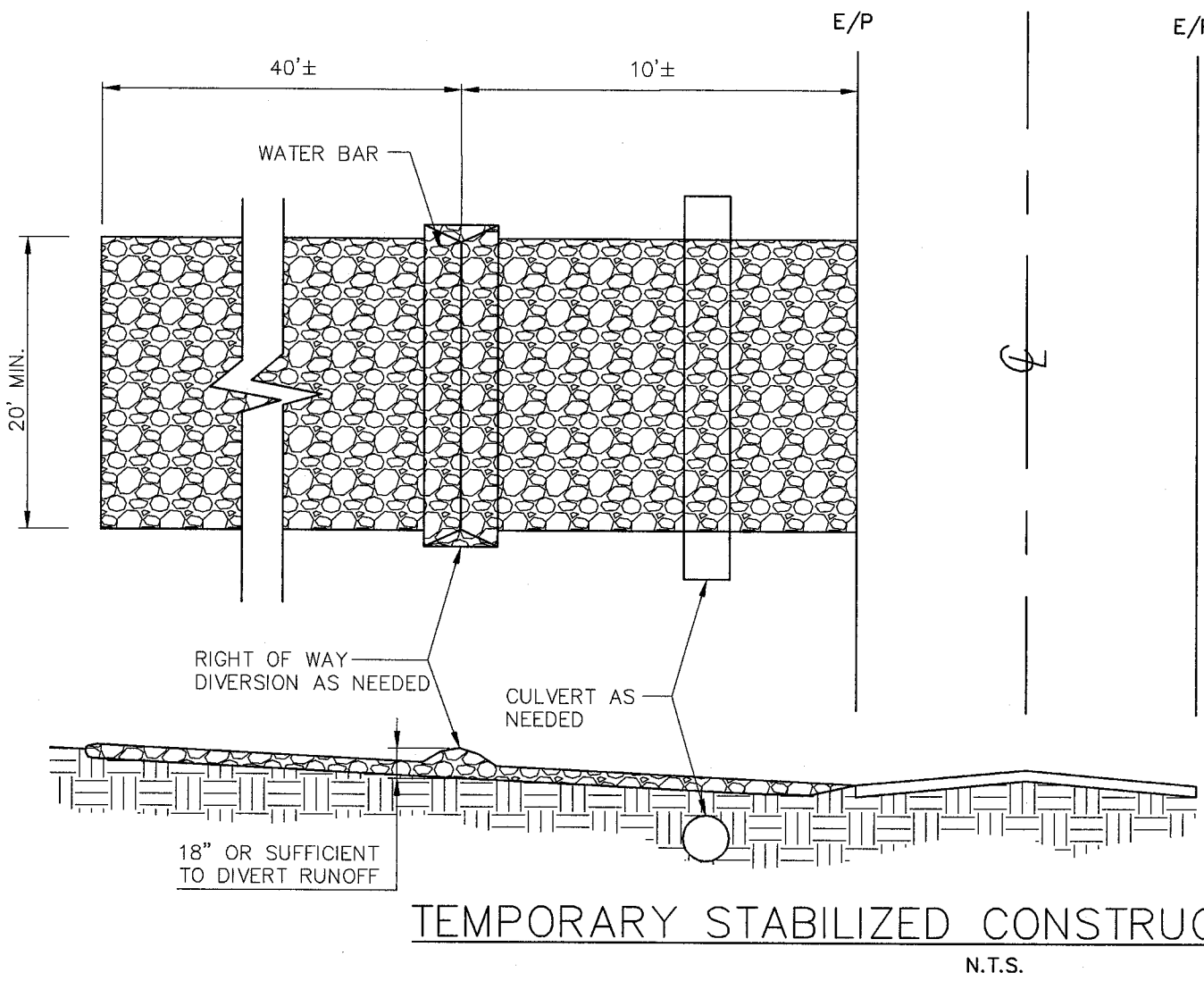
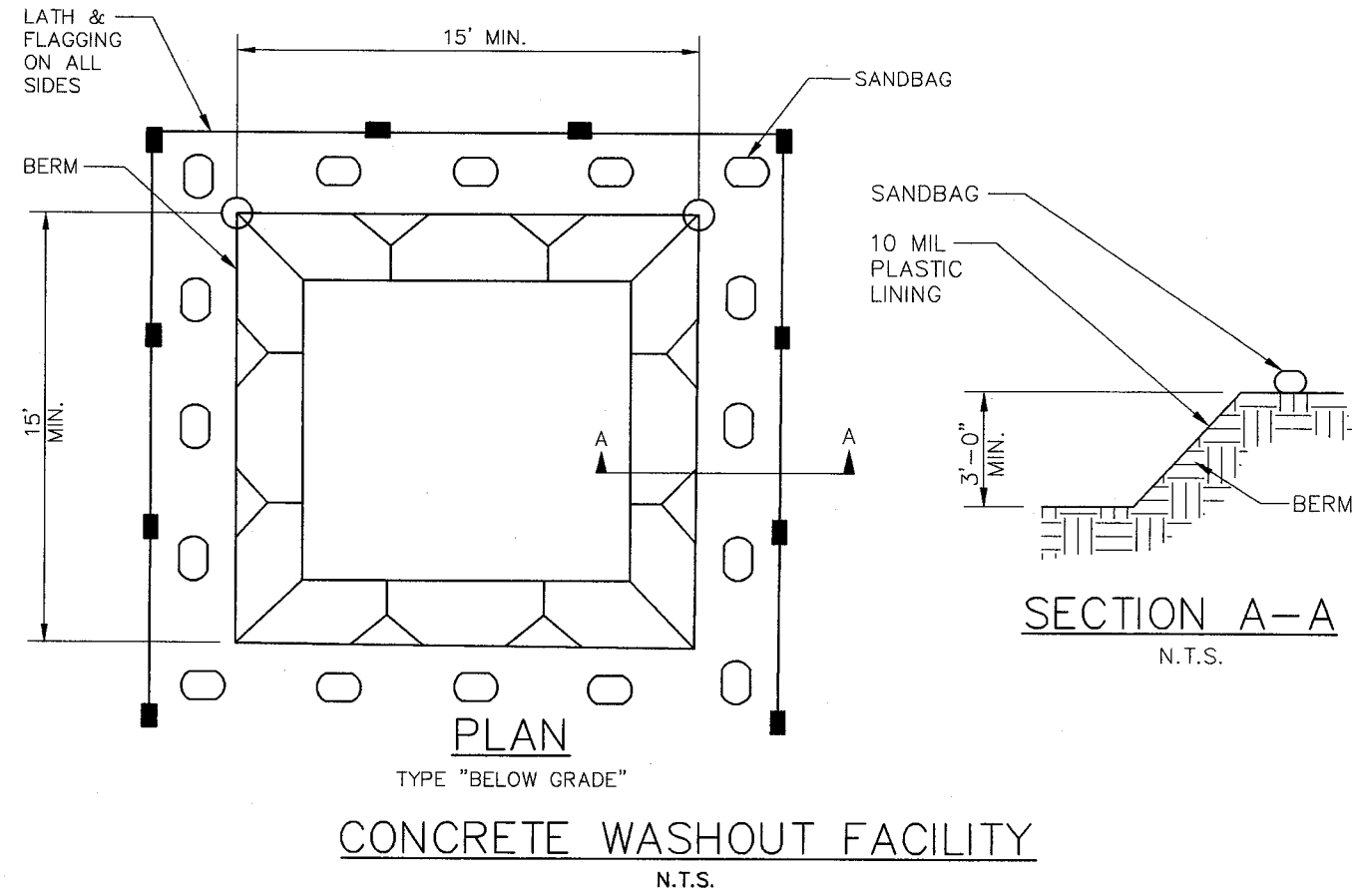
"ARROW" SYMBOL ON HYDRANT, NORTH SIDE OF
FEDERAL AVE., ABOUT 125 FT. WEST OF ERIE ST.
N 413375
E 2238674
ELEV. = 942.36

BM .3

DRILL HOLE SET IN CONCRETE WALK
N 413106
E 2238734
ELEV. = 943.77

[illegible]

SWP-3	SWP3 BIORETENTION NOTES AND DETAILS	
	CADD PLOT: 06-24-13	2012 WALGREENS CRITERIA SET
	DRAWN BY: CPS	WALGREENS
	DATE: 06-28-13	FIRST STREET NW AND LINCOLN WAY
	REVIEWED: TS	MASSILLON, OHIO DESIGN - NOT FOR CONSTRUCTION



INSTALLATION:
STAND GRATE ON END. PLACE DANDY BAG OVER GRATE. FLIP GRATE OVER SO THAT OPEN END IS UP. PULL UP SLACK. TUCK FLAP IN. BE SURE END OF GRATE IS COMPLETELY COVERED BY FLAP OR DANDY BAG WILL NOT FIT PROPERLY. HOLDING HANDLES. CAREFULLY PLACE DANDY BAG WITH GRATE INSERTED INTO CATCH BASIN FRAME SO THAT RED DOT ON THE TOP OF THE DANDY BAG IS VISIBLE.

MAINTENANCE:
AFTER SILT HAS DRIED, REMOVE IT FROM THE SURFACE OF DANDY BAG WITH BROOM.

DANDY PRODUCTS INC. (OR EQUAL)
4263 KENOR WAY GROVE CITY,
OHIO (800) 591-2284
FAX (614) 873-4546

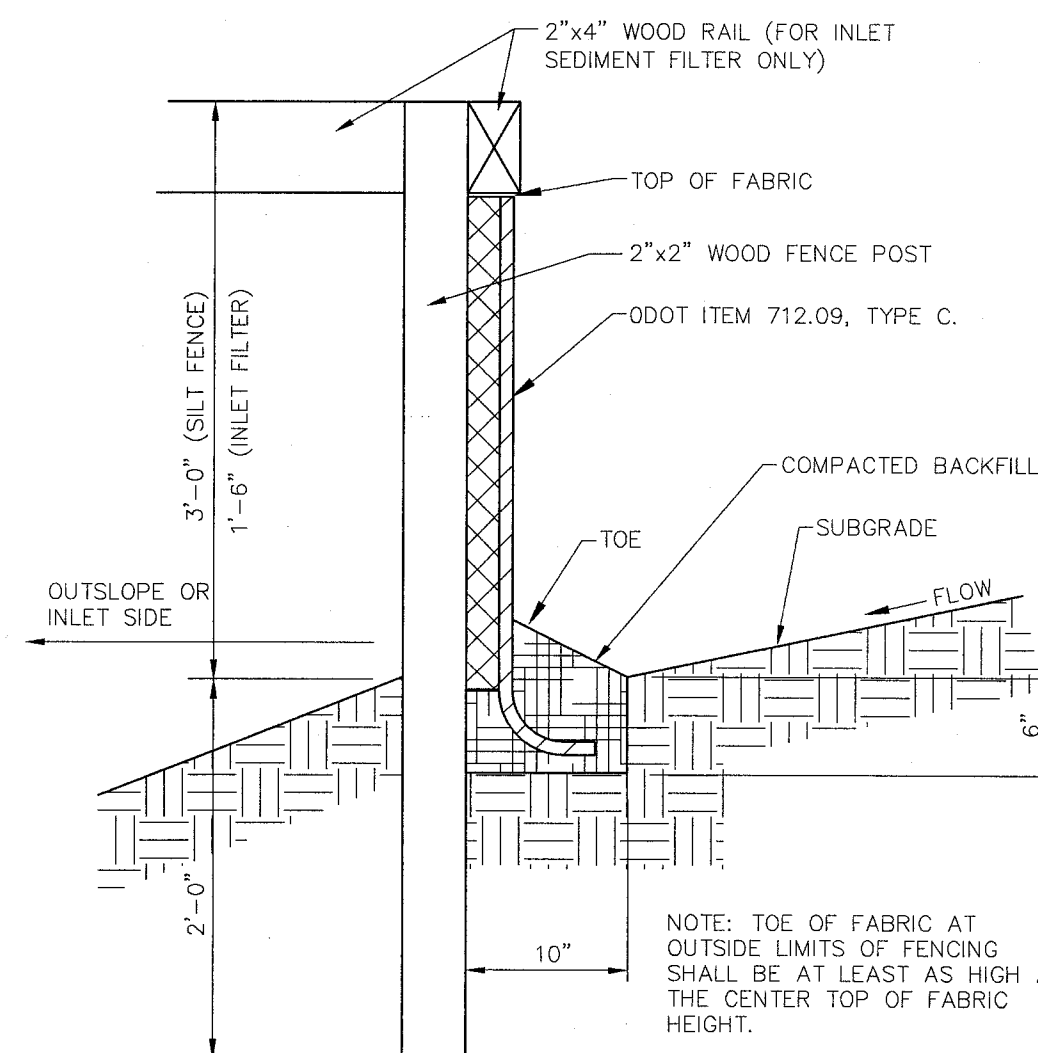
DANDY BAG DETAIL
N.T.S.

NOTES

- STONE SIZE - NO. 2 STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
- PAVEMENT THICKNESS - STONE LAYER SHALL BE 6" THICK FOR STANDARD DUTY ACTIVITY AND 10" THICK FOR HEAVY DUTY ACTIVITY.
- DRIVEWAY WIDTH - THE ENTRANCE SHALL BE AT LEAST 20' WIDE. CONTRACTOR SHALL ENSURE ALL VEHICLES UTILIZE THE CONSTRUCTION ENTRANCE UNTIL PAVEMENT IS IN PLACE.
- BEDDING-A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LBS. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LBS.
- CULVERT-A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
- WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
- MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.

SILT FENCE

- THE HEIGHT OF THE SILT FENCE SHALL NOT EXCEED 36 INCHES.
- THE FILTER FABRIC SHALL BE WOVEN FABRIC AND SHALL BE PURCHASED IN A CONTINUOUS ROLL TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, FILTER CLOTH SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP, AND SECURELY SEALED.
- POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND (MINIMUM 24 INCHES). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET.
- A TRENCH SHALL BE EXCAVATED APPROXIMATELY 6 INCHES WIDE AND 6 INCHES DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
- WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHALL EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. FILTER FABRIC SHALL NOT BE STAPLED TO THE EXISTING TREES.
- WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF ITEM NO. 6 APPLYING.
- THE TRENCH SHALL BE BACKFILLED AND SOIL COMPACTED OVER THE FILTER FABRIC.
- SILT FENCES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.
- SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- SHOULD THE FABRIC ON A SILT FENCE OR FILTER BARRIER DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER IS STILL NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.
- WHERE SILT FENCE IS SHOWN AT THE BACK OF PROPOSED CURB, SILT FENCE SHALL BE INSTALLED IMMEDIATELY AFTER CONSTRUCTION AND BACKFILL OF CURB.



NOTE: WHEN USED FOR INLET SEDIMENT FILTER CREATE A FRAME USING 2'-x4" RAILS CONNECTING THE TOPS OF THE FOUR WOOD POSTS.

SEDIMENT & EROSION CONTROL CRITERIA

- IN ORDER TO CONTROL SEDIMENT POLLUTION OF WATER RESOURCES THE OWNER OR PERSON RESPONSIBLE FOR THE DEVELOPMENT AREA SHALL USE CONSERVATION PLANNING AND PRACTICES TO MAINTAIN THE LEVEL OF CONSERVATION ESTABLISHED BY THE FOLLOWING STANDARDS:
- TIMING OF SEDIMENT-TAPPING PRACTICES: SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL THROUGHOUT EARTH-DISTURBING ACTIVITY.
- SETTLING FACILITIES, PERIMETER CONTROLS, AND OTHER PRACTICES INTENDED TO TRAP SEDIMENT SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN DAYS FROM THE START OF GRUBBING. THEY SHALL CONTINUE TO FUNCTION UNTIL THE UPSLOPE DEVELOPMENT AREA IS RESTABILIZED.
- STABILIZATION OF STRIPPED AREA: STRIPPED AREAS SHALL HAVE SOIL STABILIZATION APPLIED WITHIN SEVEN DAYS IF THEY ARE TO REMAIN DORMANT FOR MORE THAN TWENTY-ONE DAYS. PERMANENT OR TEMPORARY.
- SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE, AND SHALL ALSO BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS WHICH MAY NOT BE AT FINAL GRADE, BUT WILL REMAIN DORMANT (UNDISTURBED) FOR LONGER THAN TWENTY-ONE DAYS.
- SEDIMENT BARRIER: STREET FLOW RUNOFF FROM STRIPPED AREAS SHALL BE FILTERED OR DIVERTED TO A SETTLING FACILITY.
- STORM SEWER INLET PROTECTION: ALL STORM SEWER INLETS WHICH ACCEPT WATER RUNOFF FROM THE DEVELOPMENT AREA SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER WILL NOT ENTER THE STORM SEWER SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT, UNLESS THE STORM SEWER SYSTEM DRAINS TO A SETTLING FACILITY.
- CONSTRUCTION ACCESS ROUTES: MEASURES SHALL BE TAKEN TO PREVENT SOIL TRANSPORT ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS, OR ONTO PUBLIC ROADS.
- SLOUGHING AND DUMPING :
A. NO SOIL, ROCK, DEBRIS, OR ANY OTHER MATERIAL SHALL BE DUMPED OR PLACED INTO A WATER RESOURCE OR INTO SUCH PROXIMITY THAT IT MAY READILY SLOUGH, SLIP, OR ERODE INTO A WATER RESOURCE UNLESS SUCH DUMPING OR PLACING IS AUTHORIZED BY THE CITY ENGINEER AND, WHEN APPLICABLE, THE U.S. ARMY CORPS OF ENGINEERS, FOR SUCH PURPOSES AS, BUT NOT LIMITED TO CONSTRUCTION BRIDGES, CULVERTS, AND EROSION CONTROL STRUCTURES.
B. UNSTABLE SOILS PRONE TO SLIPPING OR LANDSLIDING SHALL NOT BE GRADED, EXCAVATED, FILLED OR HAVE LOADS IMPOSED UPON THEM UNLESS THE WORK IS DONE IN ACCORDANCE WITH A QUALIFIED PROFESSIONAL ENGINEER'S RECOMMENDATIONS TO CORRECT, ELIMINATE, OR ADEQUATELY ADDRESS THE PROBLEMS.
- CUT AND FILL SLOPES: CUT AND FILL SLOPES SHALL BE CONSTRUCTED IN A MANNER WHICH WILL MINIMIZE EROSION. CONSIDERATION SHALL BE GIVEN TO THE LENGTH AND STEEPNESS OF THE SLOPE, SOIL TYPE, UPSLOPE DRAINAGE AREA, GROUNDWATER CONDITIONS, AND SLOPE STABILIZATION.
- STABILIZATION OF OUTFALLS AND CHANNELS: OUTFALLS AND CONSTRUCTION OF MODIFIED CHANNELS SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND THE EXPECTED VELOCITY OF FLOW FROM A POST-DEVELOPMENT, TEN-YEAR FREQUENCY STORM WITHOUT ERODING.
- ESTABLISHMENT OF PERMANENT VEGETATION: A PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A 70% MINIMUM VEGETATIVE COVER IS ACHIEVED WHICH, IN THE OPINION OF THE APPROVING AGENCY, PROVIDES ADEQUATE COVER AND IS MATURE ENOUGH TO CONTROL SOIL EROSION SATISFACTORILY AND TO SURVIVE ADVERSE WEATHER CONDITIONS.
- DISPOSITION OF TEMPORARY PRACTICES: ALL TEMPORARY EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DISPOSED OF WITHIN THIRTY DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY PRACTICES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE APPROVING AGENCY. TRAPPED SEDIMENT SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION.
- MAINTENANCE: ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE DESIGNED AND CONSTRUCTED TO MINIMIZE MAINTENANCE REQUIREMENTS. THEY SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. THE PERSON OR ENTITY RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF PERMANENT EROSION CONTROLS SHALL BE IDENTIFIED TO THE SATISFACTION OF THE PLAN-APPROVING AUTHORITY AND IDENTIFIED BY THE SUBDIVIDER'S AGREEMENT.
- THE COST FOR TEMPORARY CHANNELS, SEDIMENT DAMS AND OTHER APPURTENANT EARTH MOVING OPERATIONS SHALL BE INCLUDED IN THE PRICE BID FOR EARTHWORK

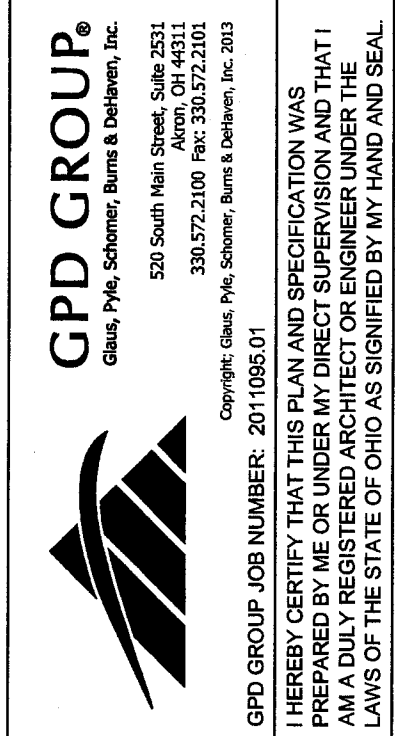
SEDIMENT & EROSION CONTROL GENERAL NOTES

- ALL WORK SPECIFIED AS A/AN 000T ITEM SHALL BE GOVERNED BY THE CURRENT STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POSSESS AND TO BE FAMILIAR WITH APPLICABLE SECTIONS.
- THIS CONTRACT DRAWING SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION PREVENTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES MAY BE REQUESTED BY THE OWNER. COUNTY ENGINEER OR SOIL CONSERVATION SERVICE REPRESENTATIVE AT ANYTIME. SUCH REQUESTS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
- ALL STORM WATER POLLUTION PREVENTION ITEMS SHALL BE INSTALLED AS SHOWN OR NOTED ON THIS SHEET.
- PLANT TEMPORARY SEEDING AND MULCHING IN ALL AREAS THAT SHALL BE INACTIVE FOR 14 DAYS OR MORE. ALL DISTURBED AND ERODED EARTH SHALL BE REGRADED AND SEEDED WITHIN 7 DAYS WITH SEEDING, AS DEFINED ABOVE AND AS SHOWN ON THE TABLE BELOW, TO ESTABLISH STABILITY AND PROVIDE SEDIMENT CONTROL. WHERE POSSIBLE, TEMPORARY SEEDING GROWTH SHALL NOT BE MOWED UNTIL IT HAS GONE TO SEED FOR 1 YEAR.
- PERMANENT VEGETATION SHALL BE INSTALLED WITHIN 7 DAYS AT THE COMPLETION OF ANY GRADED AREAS, WEATHER PERMITTING.
- AT SUCH TIME ROUGH GRADING OF THE SITE IS COMPLETE, AND DRAINAGE DIVERTS TO INLETS, INLET SEDIMENT FILTERS SHALL BE INSTALLED AT ALL INLET STRUCTURES TO KEEP PIPING SYSTEMS FREE OF SILTATION.
- SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING OR NEW STORM INLETS, CATCH BASINS, YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
- STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED AROUND ALL DIRT OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS SHOWN ON THESE PLANS AND AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
- SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT FENCES SHALL REMAIN IN PLACE UNTIL A VEGETATIVE COVER OF AT LEAST 70% HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
- TEMPORARY SEDIMENTATION AND STORM WATER POLLUTION PREVENTION MEASURES MUST BE INSPECTED AND LOGGED BY THE CONTRACTOR FOR INSPECTION, LOGGING SHALL BE WEEKLY AND AFTER RAIN STORMS.
- UTILITY COMPANIES MUST COMPLY WITH ALL STORM WATER POLLUTION PREVENTION MEASURES AS DEFINED ON THE STORM WATER POLLUTION PREVENTION PLANS, DETAILS AND NOTES.
- THE TOTAL AREA OF DISTURBANCE FOR THIS PROJECT IS 1.40 ACRES.
- ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION AS SHOWN ON PLANS.
- ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SEDIMENTATION AND STORM WATER POLLUTION PREVENTION ITEMS AT ALL TIMES.
- ALL STORM WATER POLLUTION PREVENTION PRACTICES WILL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
- THE FOLLOWING STORM WATER POLLUTION PREVENTION AND SEDIMENT CONTROL MEASURES WILL BE USED ON THIS SITE:
18.A. CONSTRUCTION ENTRANCE
18.B. SILT FENCE
18.C. SILT BARRIERS
- EXCESS SPOIL MATERIALS WILL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE. THE CONTRACTOR REMOVING THE SPOILS WILL BE RESPONSIBLE FOR ENSURING THAT PROPER PERMITS ARE OBTAINED AND THAT EROSION CONTROL MEASURES, TEMPORARY AND PERMANENT, ARE INSTALLED AS REQUIRED.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING BORROW MATERIALS AS REQUIRED FROM A SUITABLE OFF-SITE SOURCE AS REQUIRED. THE CONTRACTOR OBTAINING THE BORROW MATERIAL WILL BE RESPONSIBLE FOR ENSURING THAT PROPER PERMITS ARE OBTAINED AND THAT EROSION CONTROL MEASURES, TEMPORARY AND PERMANENT, ARE INSTALLED AS REQUIRED.
- ANY DISCHARGE OF PETROLEUM, PETROLEUM PRODUCTS, TOXIC, OR HAZARDOUS WASTE OF LESS THAN 25 GALLONS ONTO A PERVIOUS SURFACE SHALL BE LEGALLY REMOVED AND PROPERLY TREATED OR PROPERLY DISPOSED OF, OR OTHERWISE REMEDIATED, SO THAT NO CONTAMINATION FROM THE DISCHARGE REMAINS ON-SITE.
- IN THE EVENT OF A LARGE SPILL (25 OR MORE GALLONS) OF PETROLEUM, PETROLEUM PRODUCTS, TOXIC, OR HAZARDOUS WASTE THE CONTRACTOR MUST CONTACT THE OHIO EPA (AT 1-800-282-9378), THE LOCAL FIRE DEPARTMENT, AND THE LOCAL EMERGENCY PLANNING COMMITTEE (LEPC) WITHIN 30 MINUTES OF A SPILL OF 25 OR MORE GALLONS.
- THE SEDIMENT BASINS/TRAPS SHALL BE CLEANED OUT WHEN SEDIMENT LEVELS ACCUMULATE TO THE DESIGN DEPTH OF THE SEDIMENT STORAGE (SETTLING) ZONE.
- ALL PERIMETER CONTROLS AND SEDIMENT BASINS MUST BE INSTALLED WITHIN 7 DAYS OF THE COMMENCEMENT OF GRUBBING ACTIVITIES AND PRIOR TO GRADING THE AREAS THEY WILL ADDRESS.
- THE CONTRACTOR IS RESPONSIBLE FOR LOCATING BORROW AND SPOIL AREAS FOR THE PROJECT AS REQUIRED. BORROW AND SPOIL AREAS WHERE SOIL IS DEPOSITED OR OBTAINED MUST BE COVERED UNDER THEIR OWN NOI AND ASSOCIATED NPDES PERMIT. ALL REQUIREMENTS FOR EROSION CONTROL MEASURES INCLUDING SILT FENCE, TEMPORARY SEEDING, CONSTRUCTION ENTRANCE, ETC. APPLY TO BORROW AND SPOIL AREAS.
- OTHER BEST MANAGEMENT PRACTICES (BMPs) MAY BE NEEDED DUE TO FIELD OR ENVIRONMENTAL CONDITIONS.

CITY OF MASSILLON NOTE:

THE CONTRACTOR SHALL PREVENT AND/OR REDUCE AND CONTROL SOIL EROSION RESULTING FROM THE PROPOSED IMPROVEMENTS. THE USE OF SILT FENCING, JUTE MATTING, TEMPORARY SEEDING, SILT CHECKS, INLET PROTECTION AROUND ALL CATCH BASINS, STABILIZED CONSTRUCTION ENTRANCE(S), ETC. WILL BE REQUIRED. SEDIMENT CONTROL STRUCTURES/DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL RAINWATER AND LAND DEVELOPMENT - OHIO'S STANDARDS FOR STORM WATER MANAGEMENT - LAND DEVELOPMENT AND URBAN STREAM PROTECTION. SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTINUED INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL FOLLOW THE REQUIREMENTS SET FORTH ON THE APPROVED STORM WATER POLLUTION PREVENTION PLAN IF APPLICABLE, OR AS DETAILED ON THE CONSTRUCTION PLANS, AS SPECIFIED BY THE CITY OF MASSILLON.

SITE DESCRIPTION (MARK ONE)		CONSTRUCTION ACTIVITY		COMMERCIAL	
COMMERCIAL	(X) RETAIL STORE	TOTAL AREA OF SITE	1.40 AC.		
RESIDENTIAL		PRE-DEV. RUNOFF C	85		
P.U.D.		POST-DEV. RUNOFF C	81		
OTHER		AREA TO BE DISTURBED	1.40 AC.		
		FINAL IMPERVIOUS AREA	1.18 AC.		
		PRIOR LAND USE	COMMERCIAL		
		RECEIVING WATER BODY	SEE BELOW		
SOIL TYPES:					
Ur	Urban land	100%	HSG - D		
SITE LOCATION INFORMATION: LATITUDE: N 40.79660 LONGITUDE: W 81.52434					
CITY OF MASSILLON		STARK		OHIO	
CITY, VILLAGE, TOWNSHIP		COUNTY		STATE	
SITE DRAINS TO A PUBLIC STORM SEWER WHICH DRAINS TO THE TUSCARAWAS RIVER					
NAME OF WATERSHED/IMMEDIATE RECEIVING WATER(S)					
N.E. CORNER OF FIRST ST. NW & LINCOLN WAY, MASSILLON, OH		44646			
SITE ADDRESS		ZIP CODE			
VISCONSIL COMPANIES, LTD.		(216) 464-5550			
DEVELOPER		PHONE			
360 CORPORATE CIRCLE, 30050 CHAGRIN BLVD.					
PEPPER PIKE, OH 44124					
DEVELOPER ADDRESS					



REVISIONS			
NO.	DATE	BY	DESCRIPTION

SWP3 NOTES & DETAILS			
2012 WALGREENS CRITERIA SET			
WALGREENS			
FIRST STREET NW AND LINCOLN WAY			
MASSILLON, OHIO			
DESIGN - NOT FOR CONSTRUCTION			

CADD PLOT:	08/24/13
DRAWN BY:	CRS
DATE:	08/28/13
REVIEWED:	TS

SWP-4

