

[illegible]

CITY OF MASSILLON, STARK COUNTY OHIO

A detailed street map of a neighborhood in Detroit, Michigan. The map shows a grid of streets with a black dot marking the 'PROJECT LOCATION' at the intersection of North Howard Ave and East 14th St. The map includes street names such as State, Burton, Baldwin, Groosse, Willard, Warwick, Fan, Cherry, Harward, Chestnut, Thorne, North, N.E., Federal, Charles, Tremont, and Independence. It also shows landmarks like the River Rouge and the Detroit River.

SCALE: NONE

BEFORE YOU DIG

OHIO UTILITIES PROTECTION SERVICE

LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON FIELD LOCATIONS OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER AND GAS MAINS, ETC., TOGETHER WITH INFORMATIONAL DATA OBTAINED FROM PLANS AND RECORDS SUPPLIED BY VARIOUS UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL O.U.P.S. AT 1-800-362-2764.

1. ******* AREA OF IMPACT: 0.1606 Ac. (6,995 SF)**
2. **CONTRACTOR SHALL REMOVE THE EXISTING TREE WITHIN THE LIMITS OF THE NEW PARKING LOT.**
3. **CONTRACTOR SHALL REMOVE THE EXISTING SIDEWALK ALONG THE WEST SIDE OF 4TH STREET AND EXISTING CONCRETE DRIVE.**
4. **CONTRACTOR SHALL SAW CUT 38'± OF EXISTING CURB FOR PROPOSED DRIVE APRON.**
5. **EXISTING TOPOGRAPHIC DATA PRESENTED HEREON IS PER COOPER AND ASSOCIATES, LLP SURVEY DATED 12-19-2014.**
6. **EXISTING GRAVEL BASE WITH GRASS TO REMAIN.**

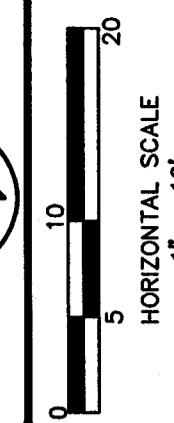
DEVELOPER:
GENUINE RISK INVESTMENTS, LLC
C/O THE FERRUCIO LAW FIRM
301 CLEVELAND AVE. NW
CANTON, OH 44702
CONTACT: JEFFERY V. SERRA
PH: 330-452-6400

ANY WORK PERFORMED IN THE RIGHT OF WAY IS TO BE INSPECTED BY THE CITY OF MASSILLON ENGINEERING DEPARTMENT.

TITLE SHEET AND EXISTING CONDITIONS	____	C1.1
SITE PLAN	_____	C1.2
GRADING PLAN	_____	C1.3
UTILITY PLAN	_____	C1.4
NOTES & DETAILS	_____	C1.5
EROSION CONTROL PLAN AND DETAIL	_____	C1.6

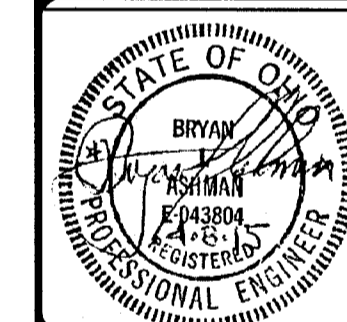
**ONLY APPROVED SIGNED PLANS BY THE CITY
ENGINEER ARE TO BE USED FOR CONSTRUCTION**

TITLE AND EXISTING CONDITIONS PLAN



REVISIONS	
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COOPER & ASSOCIATES, LLP
ENGINEERS AND SURVEYORS



TITLE AND EXISTING CONDITIONS PLAN

4TH STREET SE - PARKING LOT

STARK COUNTY, OHIO
FOR: GENUINE RISK INVESTMENTS, LLC

DRAWN BY: RAF
CHECKED BY: BJA
DATE 01-26-2015

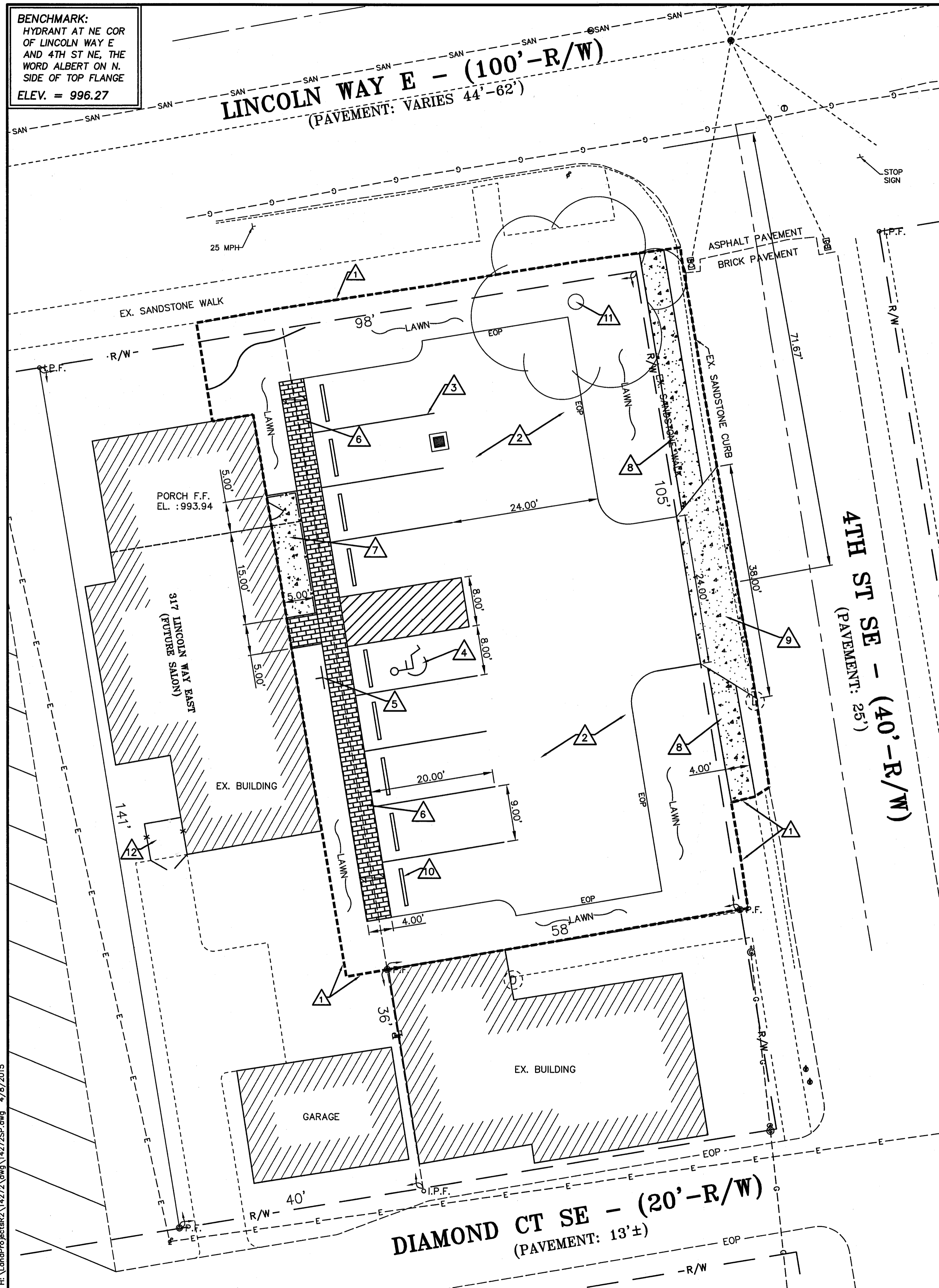
SHEET

C1.1

PROJ.# 14272

BENCHMARK:
HYDRANT AT NE COR
OF LINCOLN WAY E
AND 4TH ST NE, THE
WORD ALBERT ON N.
SIDE OF TOP FLANGE
ELEV. = 996.27

LINCOLN WAY E - (100'-R/W)
(PAVEMENT: VARIES 44'-62')

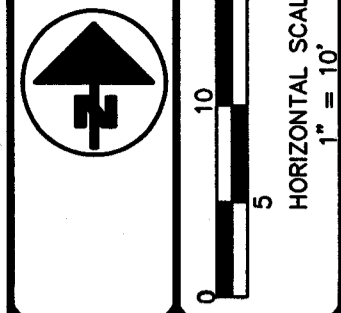


KEY NOTES:

1. ----- AREA OF IMPACT: 0.1803 Ac. (7,855 SF)
2. ASPHALT PAVEMENT. (4,322 SF) SEE DETAIL SHEET C1.5
3. 4" WIDE WHITE PARKING LOT STALL MARKING, TYPE 1 AS PER ODOT ITEM 642.
4. HANDICAP SYMBOL MARKING, TYPE 2 AS PER ODOT ITEM 642 AND PER OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, FIGURE 3B-19.
5. HANDICAP PARKING SIGNAGE. SEE DETAIL SHEET C1.5.
6. PROPOSED 4' DECORATIVE CONCRETE WALK BY OWNER.
7. CONCRETE ACCESS RAMP WITH RAILING. SEE DETAIL SHEET C1.5.
8. PROPOSED 4' WIDE CONCRETE SIDEWALK. SET AT 1' EAST OF WEST RIGHT-OF-WAY OF 4TH STREET SE.
9. CONCRETE DRIVE APRON. SEE DETAIL SHEET C1.5
10. WHEEL STOPS ANCHORED IN PLACE (TYPICAL FOR 9 SPACES).
11. EXISTING TREE TO REMAIN.
12. PROPOSED 6'x6' CONCRETE PAD FOR DUMPSTER 6' FENCE AND ENCLOSURE.

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

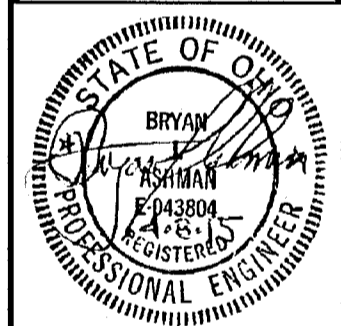
UTILITY LOCATION NOTE
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REVISIONS

NO.	DATE	BY	REVISION
1	4/8/2015	JMG	MASSILLON COMMENTS

COOPER & ASSOCIATES, LLP
ENGINEERS AND SURVEYORS
BRYAN J. ASHMAN
JEROLD E. GEIB
PHONE (330) 452-5731
FAX (330) 452-9110



SITE PLAN
4TH STREET SE - PARKING LOT
LOCATED IN THE CITY OF MASSILLON
STARK COUNTY, OHIO
FOR: GENUINE RISK INVESTMENTS, LLC

DRAWN BY: RAF
CHECKED BY: BJA
DATE 01-26-2015

SHEET
C1.2

PROJ.# 14272

SITE PLAN

BENCHMARK:
HYDRANT AT NE COR
OF LINCOLN WAY E
AND 4TH ST NE, THE
WORD ALBERT ON N.
SIDE OF TOP FLANGE
ELEV. = 996.27

LINCOLN WAY E - (100'-R/W)
(PAVEMENT VARIES 44'-62')

KEY NOTES: A

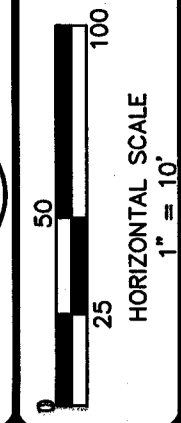
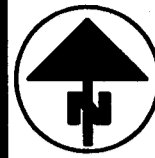
1. ----- AREA OF IMPACT: 0.1803 AC. (7,855 SF)
2. FOR HANDICAP AND ACCESS RAMP SPOT ELEVATIONS. SEE DETAIL ON SHEET C1.5
3. FIRM FLOOD INSURANCE RATE MAP: 39151C0192E (PANEL: 192 OF 428) EFFECTIVE DATE: 9-29-2011. THIS PROPERTY IS NOT IN THE 100 YEAR FLOOD PLAIN.
4. THE SITE WORK CONTRACTOR SHOULD BE AWARE THAT THIS SITE HAD A STRUCTURE ON IT MANY YEARS AGO. ANY BUILDING DEBRIS OR FOUNDATIONS ENCOUNTERED SHOULD BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH LAW. PRIOR TO PLACEMENT OF THE BASE ASPHALT PAVEMENT THE ENTIRE PARKING LOT SHOULD BE PROOF ROLLED WITH INSPECTION OF SAME BY THE OWNERS REPRESENTATIVE - ANY AREAS THAT SHOW DEFLECTION SHOULD BE EXCAVATED DOWN TO A SOLID BASE AND BACKFILLED/COMPACTED WITH GRANULAR MATERIALS.

4TH ST SE - (40'-R/W)
(PAVEMENT: 25')

DIAMOND CT SE - (20'-R/W)
(PAVEMENT: 13'±)

2 WORKING DAYS
BEFORE YOU DIG
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OHIO UTILITIES PROTECTION SERVICE

UTILITY LOCATION NOTE
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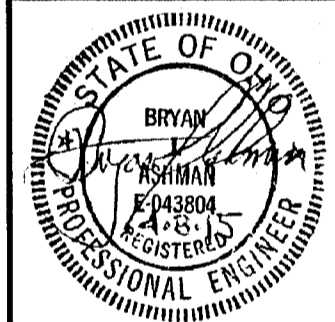
REVISIONS

NO.	DATE	BY	REVISION
1	4/8/2015	JMG	WASILLON COMMENTS

COOPER & ASSOCIATES, LLP
ENGINEERS AND SURVEYORS

BRYAN J. ASHMAN JEROLD E. GEIB
PHONE (330) 452-5731

1359 MARKET
AVENUE NORTH
CANTON, OHIO
44714



GRADING PLAN
4TH STREET SE - PARKING LOT
LOCATED IN THE CITY OF MASSILLON
STARK COUNTY, OHIO
FOR: GENUINE RISK INVESTMENTS, LLC

DRAWN BY: BEB
CHECKED BY: BJA
DATE 01-26-2015

SHEET
C1.3

PROJ.# 14272

GRADING PLAN

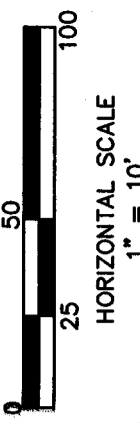
BENCHMARK:
HYDRANT AT NE COR
OF LINCOLN WAY E
AND 4TH ST NE, THE
WORD ALBERT ON N.
SIDE OF TOP FLANGE
ELEV. = 996.27

LINCOLN WAY E - (100'-R/W)
(PAVEMENT: VARIES 44'-62')

PROPOSED STORM DATA	
D0: EX. STORM MANHOLE	
T/R: 991.88	
F/L 12"(NE): 987.94	
F/L 12"(SW): 987.99	
F/L 12"(N): 987.86	
F/L 12"(NE,SE): 987.82	
F/L 12"(S): 987.78	
F/L 8"(SW): 986.68	
F/L 24"(S): 985.82	
F/L 24"(W): 985.51	
DP1: 37 L.F. 12" STORM R: 5.09%	
D1: EX. STORM CATCH BASIN	
T/C: 991.57	
F/L 12"(NE): 989.87	
PROP F/L 8"(SW): 989.95	
DP2: 50 L.F. 8" STORM R: 0.60%	
D2: ODOT CATCH BASIN ODOT 2-2B	
T/GRATE: 992.00	
F/L 4"(SW,NW): 990.25	
F/L 8"(NE): 990.25	

KEY NOTES: A

1. ----- AREA OF IMPACT: 0.1803 AC. (7,855 SF)+
2. CONTRACTOR SHALL CORE DRILL THE EXISTING CATCH BASIN D/1 TO MAKE CONNECTION WITH DP-2. THE CONTRACTOR SHALL SEAL SAID NEW PIPE WITH A CONCRETE COLLAR CONNECTION.
3. ANY DOWNSPOUTS ON THE EAST SIDE OF THE BUILDING SHALL BE CONNECTED TO PROPOSED CATCH BASIN D/2 WITH 4" PVC PIPE (SDR 35 IN ACCORDANCE WITH ASTM D-3034) AND INSTALLED AT A MINIMUM RATE OF 1.00%.
4. STRUCTURE D/2 SHALL BE AN ODOT 2-2B CATCH BASIN MODIFIED AS PER THE DETAIL ON THIS SHEET.
5. THERE ARE EXISTING FIRE HYDRANTS LOCATED AT THE NE CORNER OF 4TH AND LINCOLN WAY + NW CORNER OF 4TH AND WELLMAN. THIS OFFICE IS UNCERTAIN WHERE THE WATERLINE IS LOCATED. CONTRACTOR SHALL CONTACT OUPS PRIOR TO STARTING ANY EXCAVATION WORK.



REVISIONS

NO.	DATE	BY	DESCRIPTION
1	4/8/2015	JMG	MASSILLON COMMENTS

COOPER & ASSOCIATES, LLP
ENGINEERS AND SURVEYORS

BRYAN J. ASHMAN JEROLD E. GEIB
PHONE (330) 452-5731

1359 MARKET
AVENUE NORTH
CANTON, OHIO
44714



UTILITY PLAN
4TH STREET SE - PARKING LOT

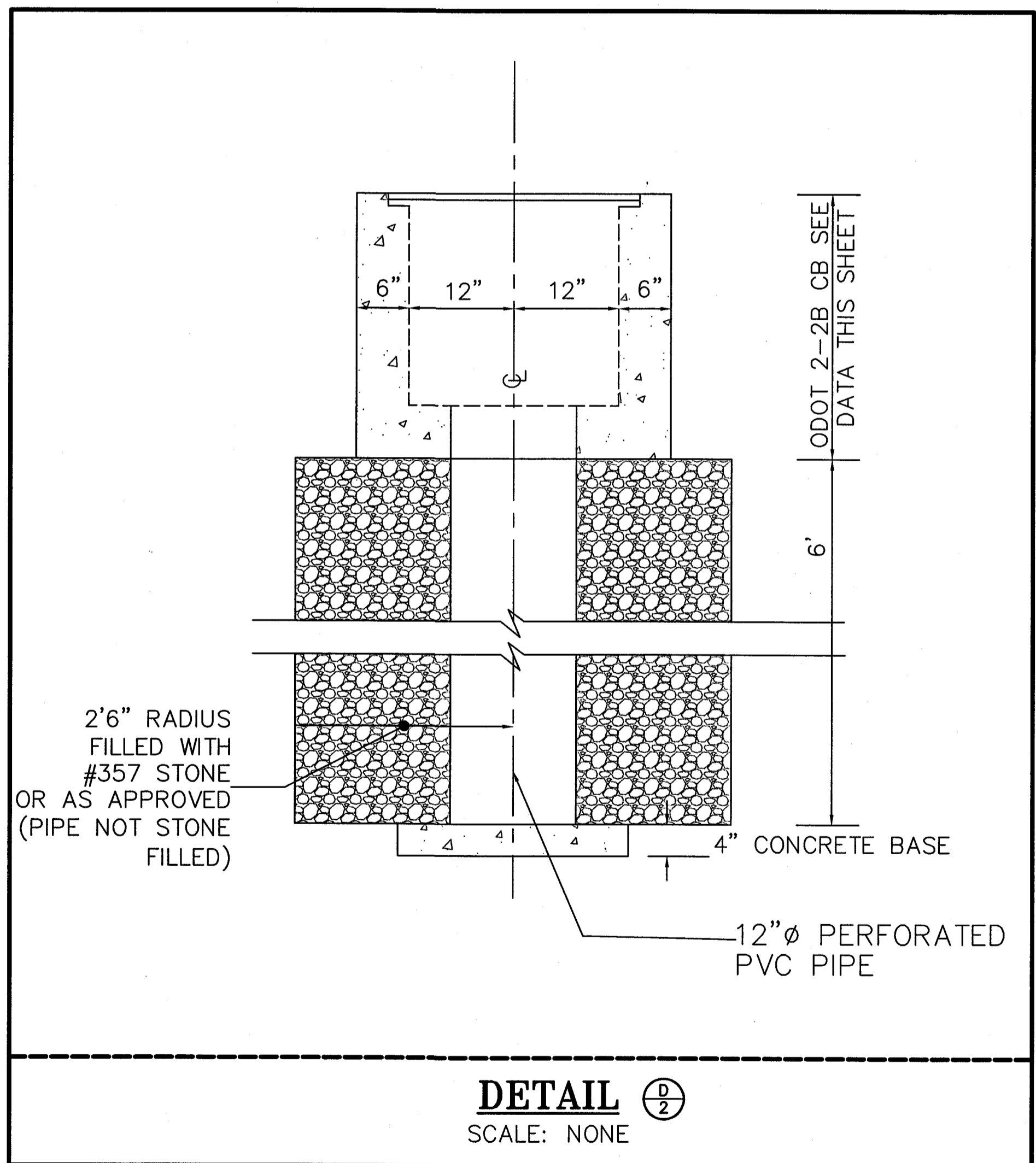
LOCATED IN THE CITY OF MASSILLON
STARK COUNTY, OHIO

FOR: GENUINE RISK INVESTMENTS, LLC

DRAWN BY: BEB
CHECKED BY: BJA
DATE: 01-26-2015

SHEET
C1.4

UTILITY PLAN PROJ.# 14272



DETAIL D/2
SCALE: NONE

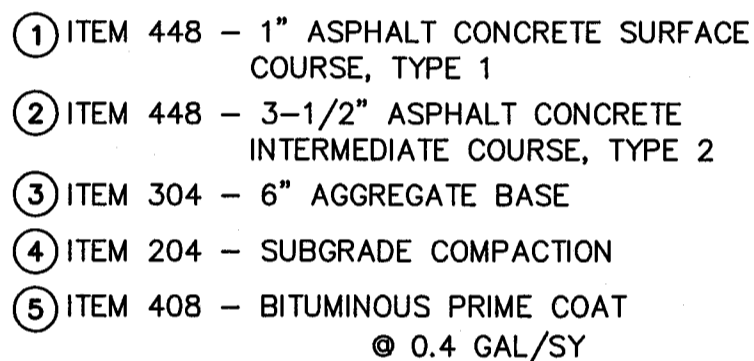
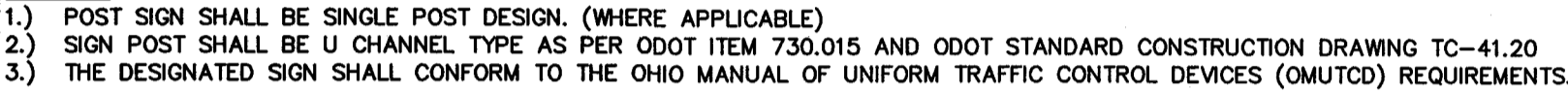
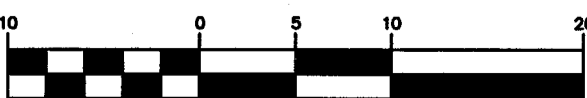
2 WORKING DAYS
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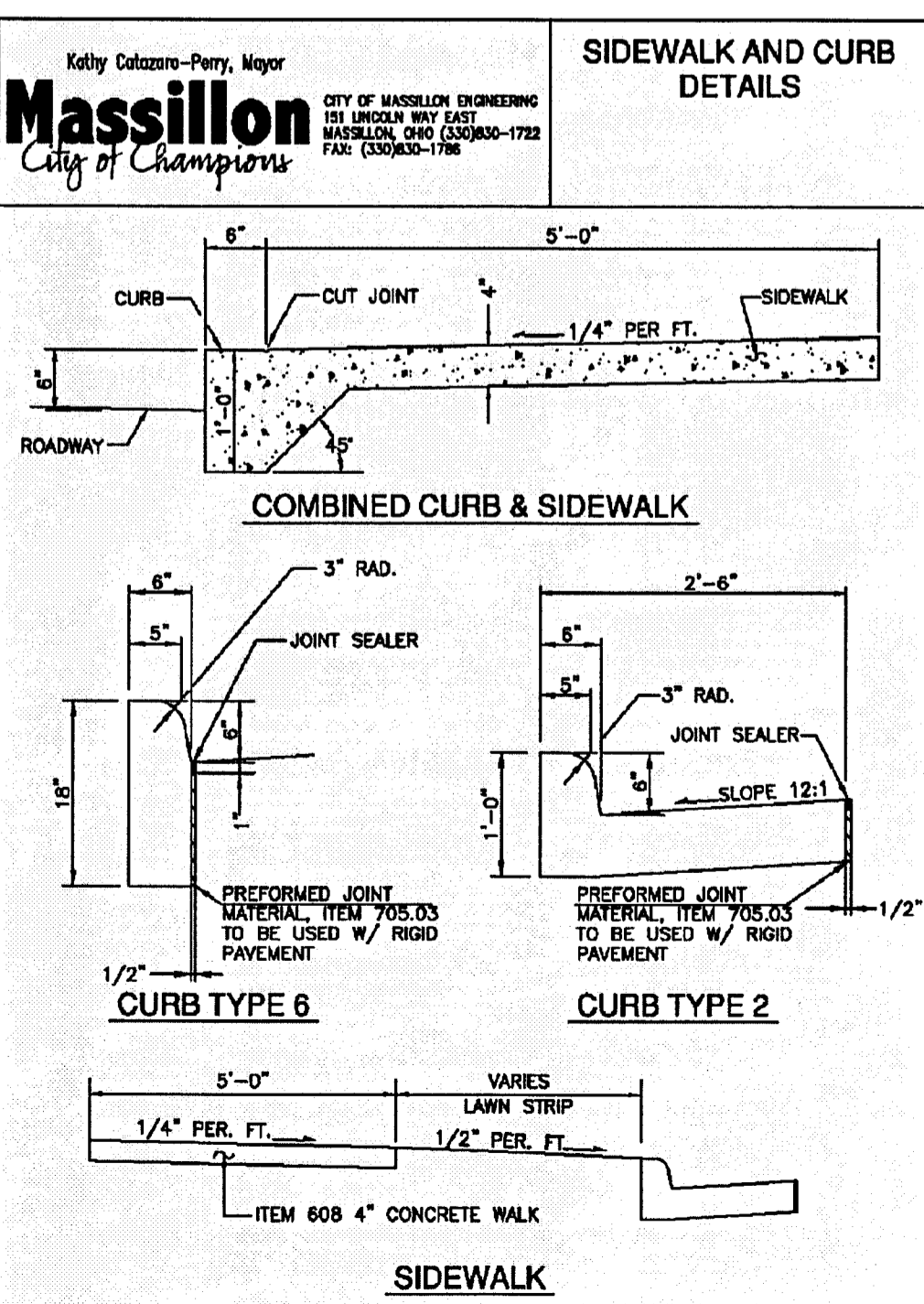
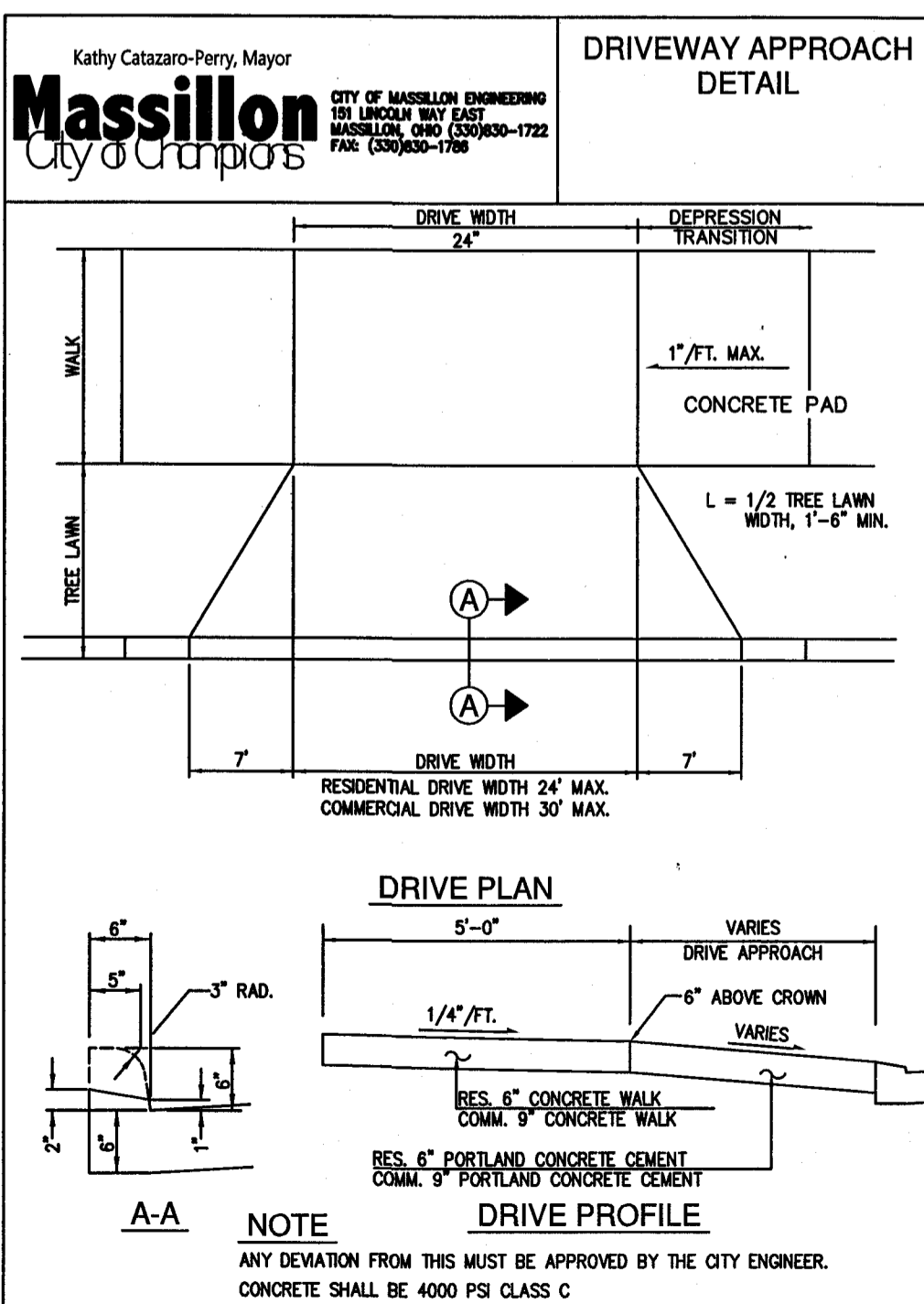
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE CODES, ORDINANCES, AND STANDARD SPECIFICATIONS OF THE MASSILLON. IN LIEU OF ANY LOCAL SPECIFICATIONS WORK SHALL BE DONE IN CONFORMANCE WITH THE STATE OF OHIO DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATIONS MOST RECENT EDITION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS FOR CONSTRUCTION.
3. IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO CONSTRUCT ALL ITEMS ON THESE PLANS USING CONSTRUCTION MEANS AND METHODS THAT WILL PROTECT PROPERTY AND PREVENT BODILY INJURY AND/OR DEATH. THE CONTRACTOR SHALL TAKE ANY NECESSARY SAFETY PRECAUTIONS TO COMPLY WITH THE SAFETY REQUIREMENTS OF CITY, STATE, AND FEDERAL GOVERNMENTS.
4. ALL EXISTING FIELD CONDITIONS SHALL BE FIELD CHECKED AND VERIFIED BY CONTRACTORS PRIOR TO BIDDING AND CONSTRUCTION. SHOULD THERE BE ANY DISCREPANCY BETWEEN PLANS AND ACTUAL FIELD CONDITIONS; CONTRACTOR HAS TO SEEK WRITTEN CLARIFICATION FROM THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK.
5. SHOULD THE CONTRACTOR ENCOUNTER CONFLICT BETWEEN THESE PLANS AND SPECIFICATIONS, EITHER AMONG THEMSELVES OR WITH THE REQUIREMENTS OF ANY AND ALL REVIEWING AND PERMIT-ISSUING AGENCIES, HE SHALL SEEK CLARIFICATION IN WRITING FROM THE OWNER'S REPRESENTATIVE BEFORE COMMENCEMENT OF CONSTRUCTION.
6. THE CONTRACTOR SHALL PERFORM ALL OF THE WORK AND FURNISH ALL OF THE LABOR & MATERIALS NECESSARY FOR THE FINAL COMPLETION OF THIS CONTRACT IN THE MANNER AND UNDER THE CONDITIONS HEREIN SPECIFIED AND PROVIDED AND IN ACCORDANCE WITH THE CONTRACT DRAWINGS.
7. ALL SHOP DRAWINGS WILL BE SUBMITTED TO THE OWNER'S ENGINEER FOR APPROVAL.
8. THE CONTRACTOR SHALL NOTIFY THE CITY OF MASSILLON POLICE & FIRE DEPARTMENTS AT LEAST 48 HOURS IN ADVANCE OF ANY STREET CLOSING OR TRAFFIC CHANGE.
9. THE CONTRACTOR SHALL PERFORM WORK AS TO NOT DISTURB, DAMAGE OR DESTROY MAILBOX, PAPERBOX, TELEPHONE OR POWER POLES, SIGNS, LANDSCAPING ITEMS, ETC. ANY ITEM DAMAGED OR DESTROYED SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ANY ITEM DISTURBED OR IN CONFLICT WITH THE WORK TO BE PERFORMED SHALL BE REMOVED AND RESET AT THE CONTRACTOR'S EXPENSE. PRIOR ENGINEER APPROVAL IS REQUIRED BEFORE ANY OF THE ABOVE ITEMS ARE PERFORMED.
10. CONSTRUCTION SHALL BE PERFORMED, AND EQUIPMENT STORED, IN A MANNER THAT PERMITS EXISTING FACILITIES TO PERFORM WITHOUT INTERRUPTION.
11. THE CONTRACTOR WILL CAREFULLY PRESERVE BENCH MARKS, PROPERTY CORNERS REFERENCE POINTS, AND STAKES AND IN CASE OF DISTURBANCE, HE SHALL ENGAGE A REGISTERED SURVEYOR TO REPLACE THEM AT HIS OWN EXPENSE AND SHALL BE RESPONSIBLE FOR ANY MISTAKES THAT MAY BE CAUSED BY THEIR LOSS OR DISTURBANCE.

1. THE CONTRACTOR SHALL VISIT THE SITE PERSONALLY TO ASCERTAIN THE NATURE OF THE WORK AND THOROUGHLY FAMILIARIZE HIMSELF WITH THE SITE.
2. THE LOCATIONS OF THE UNDERGROUND UTILITIES ARE PER SURVEY OR PLOTTED ACCORDING TO THE INFORMATION FURNISHED BY THE UTILITIES CONCERNED. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL APPLICABLE UTILITY COMPANIES.
3. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE OWNER INCLUDING ANY INSPECTION FEES OR MAINTENANCE CREWS.
4. WHERE EXISTING POWER OR TELEPHONE POLES ARE IN CLOSE PROXIMITY TO WORK, THE CONTRACTOR SHALL COORDINATE HIS WORK EFFORTS WITH THOSE OF THE UTILITY COMPANIES SUCH THAT THEIR EXISTING FACILITIES CAN BE MAINTAINED AND PROTECTED DURING THE TIME WORK IS GOING ON ADJACENT TO THE POLE. THE COST FOR ANY REQUIRED PROTECTION SHALL BE BY THE CONTRACTOR.
5. BEFORE ANY WORK IS STARTED THAT WILL INTERFERE WITH THE EXISTING UTILITIES, THE CONTRACTOR SHALL CALL THE "OHIO UTILITIES PROTECTION SERVICE" AT 1-800-362-2764, FORTY-EIGHT (48) HOURS IN ADVANCE OF THE WORK. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO EXISTING UNDERGROUND AND OVERHEAD UTILITY LINES DURING THE ENTIRE PROJECT. IN THE EVENT OF DAMAGE TO EXISTING PUBLIC AND/OR PRIVATE UTILITIES, THE AGENCY CONCERNED SHALL BE NOTIFIED IMMEDIATELY AND ALL REPAIR WORK SHALL BE EXECUTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE RESPECTIVE AGENCY AT NO ADDITIONAL EXPENSE TO THE OWNER.

1. THE PROPOSED AREA OF IMPACT FOR THIS PROJECT IS LESS THAN 1.0 ACRES; THEREFORE NO NPDES PERMIT WAS FILED NOR WERE INDEPENDENT EROSION CONTROL PLANS PREPARED.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ON-SITE EROSION CONTROL IN CONFORMANCE WITH REQUIREMENTS OF THE CITY OF MASSILLON AND AS PRESENTED ON THE IMPROVEMENT PLANS.
3. THE CONTRACTOR SHALL TAKE PRECAUTION TO PERFORM ALL ACTIVITIES IN CONFORMANCE WITH CITY, STATE, AND FEDERAL LAWS RELATIVE TO THE PROTECTION TO THE ENVIRONMENT. SOME SPECIFIC ITEMS (NOT INCLUSIVE) WHICH ARE PROHIBITED FOLLOW:
 - A. LOCATING STOCKPILE STORAGE AREAS IN ENVIRONMENTALLY SENSITIVE AREAS.
 - B. INDISCRIMINATE, ARBITRARY OR CAPRICIOUS OPERATION OF EQUIPMENT IN ANY STREAM CORRIDORS, WETLANDS, SURFACE WATER OR OTHER SENSITIVE AREAS.
 - C. PUMPING OF SEDIMENT-LADEN WATER FROM TRENCHES OR OTHER EXCAVATIONS DIRECTLY INTO ANY SURFACE WATERS, STREAM CORRIDORS, WETLANDS OR STREAMS; ALL SUCH WATER WILL BE PROPERLY FILTERED OR TREATED TO REMOVE SILT PRIOR TO RE-ENTRY TO THE WATER.
 - D. DISCHARGING OR DUMPING OF SUCH MATERIALS AS FERTILIZERS, CHEMICALS, PAINTS, OILS, GREASES, LUBRICANTS, BITUMINOUS MATERIALS, RAW SEWAGE AND OTHER HARMFUL WASTE INTO OR ALONGSIDE OF RIVERS, STREAMS, WETLANDS, SURFACE WATERS, IMPOUNDMENTS OR INTO NATURAL OR MAN-MADE CHANNELS LEADING THERETO.
 - E. OPERATIONS ENTAILING THE USE OF VIBRATORY HAMMERS OR COMPACTORS OUTSIDE THE HOURS OF 8:00 AM AND 4:00 PM OR OUTSIDE THE HOURS ALLOWED FOR CONSTRUCTION BY LOCAL ORDINANCES OR REGULATIONS.



SCALE: NONE



PROJ.# 14272

BENCHMARK:
HYDRANT AT NE COR
OF LINCOLN WAY E
AND 4TH ST NE, THE
WORD ALBERT ON N.
SIDE OF TOP FLANGE
ELEV. = 996.27

LINCOLN WAY E - (100'-R/W)
(PAVEMENT VARIES 44'-62')

25 MPH

EX. SANDSTONE WALK

ASPHALT PAVEMENT
BRICK PAVEMENT

STOP SIGN

4TH ST SE - (40'-R/W)
(PAVEMENT: 25')

EX. BUILDING

EX. BUILDING

GARAGE

PORCH F.F.
EL.: 993.94

317 LINCOLN WAY EAST
(FUTURE SALON)

EX. SANDSTONE CURB

CE

DIP O

KEY NOTES:

1. AREA OF IMPACT: 0.1803 AC. (7,855 SF)

DIAMOND CT SE - (20'-R/W)
(PAVEMENT: 13'±)

2 WORKING DAYS
BEFORE YOU DIG
CALL TOLL FREE 800-36
OHIO UTILITIES PROTECTION

UTILITY LOCATION NO.
LOCATION OF ALL UNDERGROUND UTILITIES
APPROXIMATE AND ARE BASED ON FIELD
STRUCTURES SUCH AS CATCH BASINS, MA
GATES, ETC., TOGETHER WITH INFORMATION
PLANS AND RECORDS SUPPLIED BY VARIO
GOVERNMENT AGENCIES. ALL CONTRACTOR
WRITING ALL UTILITY COMPANIES AND GOV
TO ANY EXCAVATION WORK OR CALL O.U.



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- NOTE**
INLET PROTECTION METHODS OTHER THAN THAT SHOWN MAY BE USED AFTER BEING SUBMITTED TO AND APPROVED BY THE REVIEWING AUTHORITY.
- PLAN**
- 2x4 FRAME
2x4 POSTS
DROP INLET
WIRE MESH BACKING
GEOTEXTILE
- SECTION**
- 18" MINIMUM
18"
GEOTEXTILE
WIRE MESH
DROP INLET
- The drawing consists of two parts: a Plan view and a Section view. The Plan view shows a square drop inlet with a 2x4 frame and 2x4 posts at the corners. The inlet is surrounded by wire mesh backing and geotextile. The Section view shows the inlet installed in a road surface. The road surface is 18 inches thick and contains a 18-inch deep drop inlet. The inlet is surrounded by geotextile and wire mesh backing. The inlet is labeled 'DROP INLET'.

FOR ADDITIONAL DETAILS SEE RAINWATER AND LAND DEVELOPMENT

- 2 WORKING DAYS
BEFORE YOU DIG**

CALL TOLL FREE 800-362-2764
OHIO UTILITIES PROTECTION SERVICE

UTILITY LOCATION NOTE

LOCATION OF ALL UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE AND ARE BASED ON FIELD LOCATIONS OF ALL VISIBLE STRUCTURES SUCH AS CATCH BASINS, MANHOLES, WATER AND GAS GATES, ETC., TOGETHER WITH INFORMATIONAL DATA OBTAINED FROM PLANS AND RECORDS SUPPLIED BY VARIOUS UTILITY COMPANIES AND GOVERNMENT AGENCIES. ALL CONTRACTORS SHOULD NOTIFY IN WRITING ALL UTILITY COMPANIES AND GOVERNMENT AGENCIES PRIOR TO ANY EXCAVATION WORK OR CALL O.U.P.S. AT 1-800-362-2764.



SPECIFICATIONS

1. THE SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS WHICH MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS LENGTH.
3. TO PREVENT WATER PONDED BY THE SILT FENCE FROM FLOWING AROUND THE ENDS, EACH END SHALL BE CONSTRUCTED UPSLOPE SO THAT THE ENDS ARE AT A HIGHER ELEVATION.
4. WHERE POSSIBLE, SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5' (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE REINSTALLATION OF THE SILT FENCE.
6. THE HEIGHT OF THE SILT FENCE SHALL BE A MINIMUM OF 16" ABOVE THE ORIGINAL GROUND SURFACE.
7. THE SILT FENCE SHALL BE PLACED IN A TRENCH CUT A MINIMUM OF 6" DEEP. THE TRENCH SHALL BE CUT WITH A TRENCHER OR A DOUBLE LAYING MACHINE, OR OTHER SUITABLE DEVICE WHICH WILL INSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.
8. THE SILT FENCE SHALL BE PLACED WITH THE STAKES ON THE DOWNSLOPE SIDE OF THE GEOTEXTILE AND SO THAT 6" OF CLOTH ARE BELOW THE GROUND SURFACE. EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 6" DEEP TRENCH AND BE BACKFILLED AND COMPACTED.
9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE OVERLAPPED WITH THE END STAKES OF EACH SECTION WRAPPED TOGETHER BEFORE DRIVING INTO THE GROUND.
10. MAINTENANCE - SILT FENCE SHALL ALLOW RUNOFF TO PASS ONLY AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF TOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES CONCENTRATED FLOW, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE:
 - 1) THE LAYOUT OF THE SILT FENCE SHALL BE CHANGED.
 - 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR
 - 3) OTHER PRACTICES SHALL BE INSTALLED.

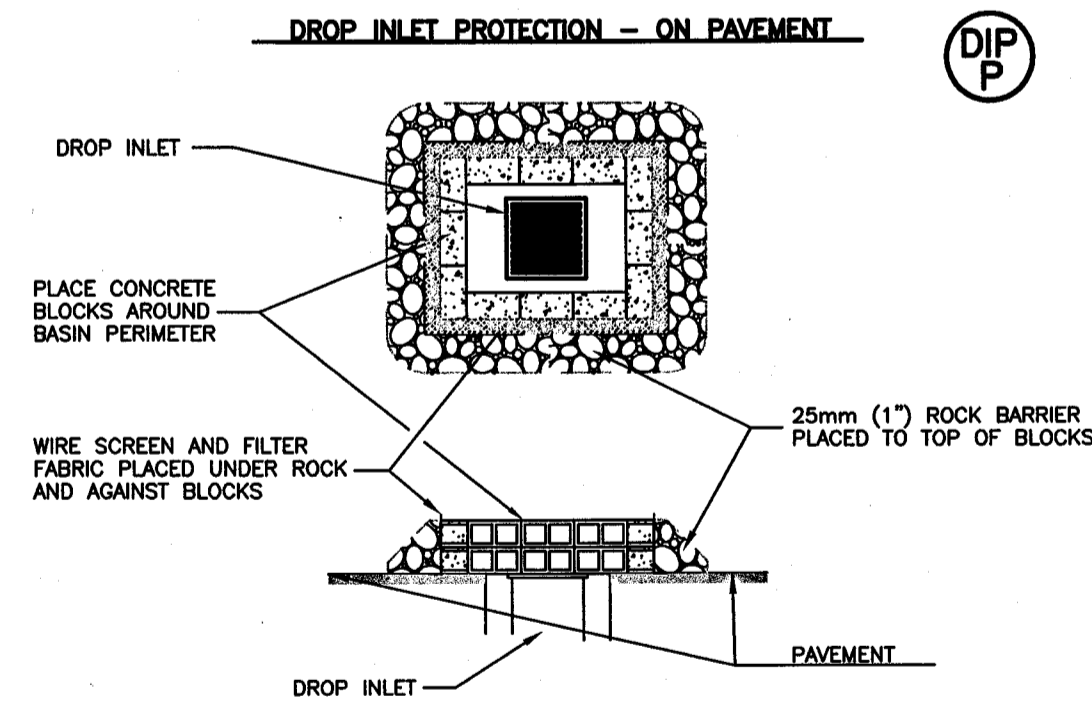
CRITERIA FOR SILT FENCE MATERIALS

1. FENCE POSTS - THE LENGTH SHALL BE A MINIMUM OF 32" LONG. WOOD POSTS WILL BE 2-BY-2" HARDWOOD OF SOUND QUALITY. THE MAXIMUM SPACING BETWEEN POSTS SHALL BE 10 FT.
2. SILT FENCE FABRIC - SEE CHART BELOW

DROP INLET PROTECTION:

DIP-O DROP INLET PROTECTION FOR UNPAVED AREAS AND
PAVED AREAS PRIOR TO THE ACTUAL PAVEMENT INSTALLATION.

DIP-P DROP INLET PROTECTION FOR PAVED AREAS AND
TO REPLACE DIP-O WHEN THE PAVEMENT HAS BEEN
INSTALLED.



DROP INLET INSTALLATION SPECIFICATIONS

DROP INLET PROTECTION TO BE INSTALLED ON PAVEMENT OR ON GROUND WHERE SILT FENCE PROTECTION IS NOT APPROPRIATE.

CONCRETE BLOCKS TO BE PLACED AROUND PERIMETER OF BASIN WITH OPENINGS HORIZONTAL.
BLOCKS TO BE PLACED WITHOUT SPACES BETWEEN BLOCKS.

25mm (1" +/ -) ROCK TO BE PLACED AROUND THE CONCRETE BLOCK BARRIER, OVER THE WIRE MESH AND FILTER FABRIC. ROCK MUST BE PLACED TO THE TOP OF THE BLOCKS AND EXTEND OUTWARD A MINIMUM OF TWO TIMES THE HEIGHT OF THE BLOCKS.

THE INLET PROTECTION MUST REMAIN IN PLACE AND FUNCTIONAL UNTIL THE ENTIRE CONTRIBUTING AREA HAS BEEN STABILIZED.