

CITY OF DAYTON

NEW POLICE STATION

WEST PATROL DISTRICT

SITE PACKAGE II - INLAND AVE.



10 Abbey Ave, Dayton, Ohio 45417

ARCHITECT

App Architecture

615 Woodside Drive
Englewood, Ohio 45322
(937) 836-8898

CIVIL ENGINEERS

Kabil Associates, Inc.

5900 Sharon Woods Blvd, Suite B
Columbus, Ohio 43229
(614) 899-8199

STRUCTURAL ENGINEER

Kabil Associates, Inc.

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MECHANICAL & ELECTRICAL ENGINEERS

Nauman & Zelinski, LLC

204 South Ludlow Street, Suite 400
Dayton, Ohio 45402
(937) 223-3821

LANDSCAPE ARCHITECT

Yellow Springs Design, LLC

830 Xenia Ave.
Yellow Springs, Ohio 45387
(937) 767-8199

VICINITY MAP



CODE INFORMATION

(OBC 2024)

PROJECT DESCRIPTION

PROJECT CONSISTS OF A SITE PACKAGE FOR A NEW POLICE STATION FOR THE CITY OF DAYTON.

THE BUILDING PACKAGE WAS SUBMITTED UNDER A SEPARATE PERMIT

THE PROPOSED WORK WILL DEVELOP A NEW RIGHT OF WAY ALONG THE PREVIOUS INLAND AVENUE DRIVE.

DRAWING INDEX

GENERAL

- G0.1 SITE PACKAGE PHASE II COVER SHEET
G0.2 ARCHITECTURAL SITE PLAN PHASE II

CIVIL

- C0.0 TITLE SHEET PHASE II
C0.1 GENERAL NOTES PHASE II
C0.2 GENERAL DETAILS PHASE II
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C2.0 EXISTING SURVEY PHASE II
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C9.1 SWPPP GENERAL EROSION CONTROL NOTES AND DETAILS PHASE II
C9.2 SWPPP SITE EROSION CONTROL PLAN PHASE II
C9.3 SWPPP SITE EROSION CONTROL PLAN PHASE II

LANDSCAPE

- L1.0 SITE LANDSCAPE PLAN
- *LANDSCAPE PLAN, DEVELOPED AND APPROVED IN SITE PACKAGE I (SPD2024-00010), IS INCLUDED FOR REFERENCE ONLY.

ELECTRICAL

- E1.1 SITE PLAN
- *ELECTRICAL SITE PLAN, DEVELOPED AND APPROVED IN THE BUILDING PACKAGE (BLD2024C-00363), IS INCLUDED FOR REFERENCE TO THE LIGHT POLE LOCATIONS ONLY.

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CITY OF DAYTON
NEW POLICE STATION
WEST PATROL DISTRICT
SITE PACKAGE II - INLAND AVE.
10 Abbey Ave, Dayton, Ohio 45417

ISSUE		
NO.	DATE	DESCRIPTION
1	05/05/25	FOR CONSTRUCTION

DATE	5/05/25
JOB NO.	4205.01
DRAWN	MLG
CHECKED	RFW/TJB

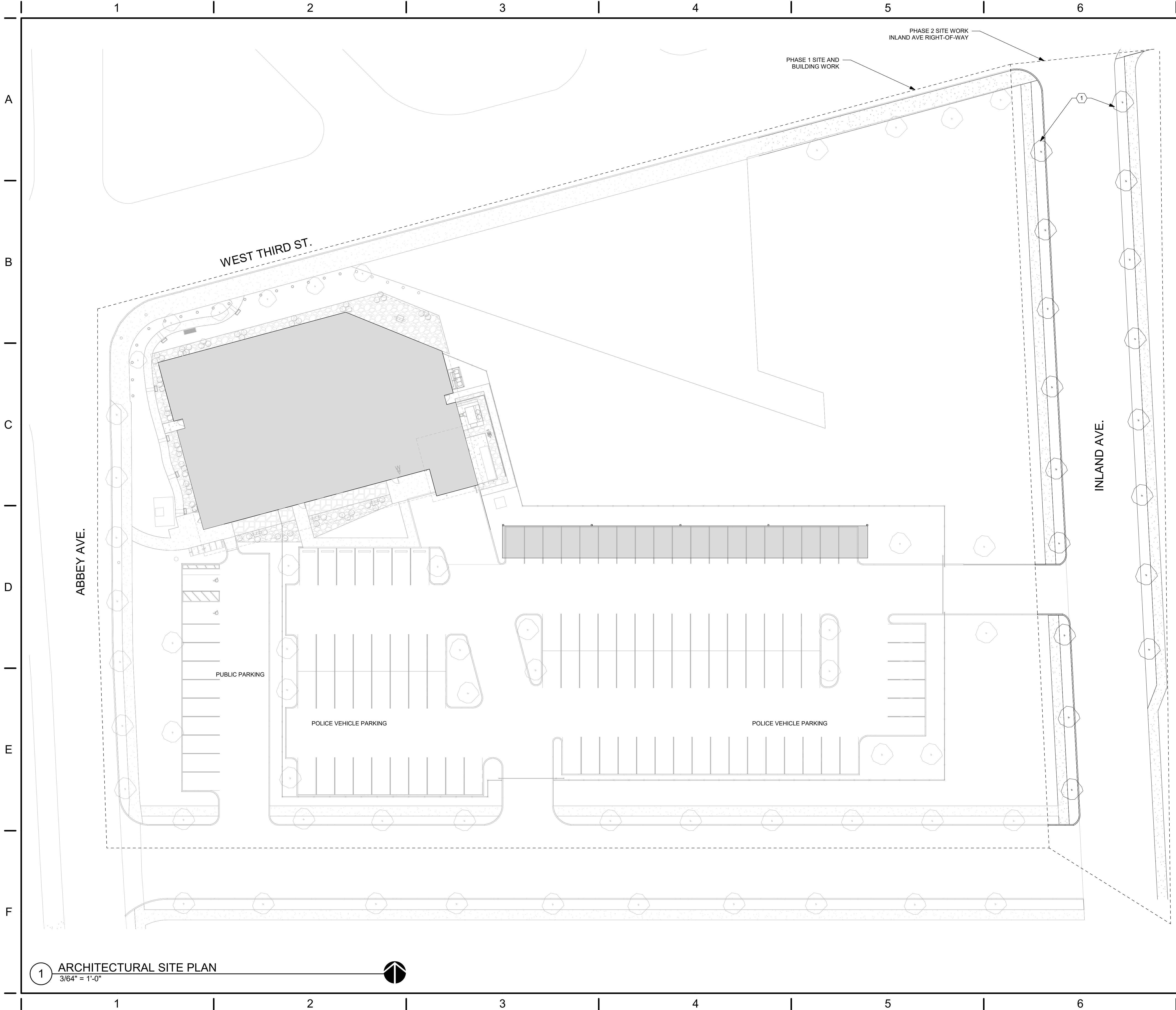
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TITLE
**SITE PACKAGE PHASE II
COVER SHEET**

SHEET NO.

G0.1

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CONSTRUCTION NOTES

(00) INDICATES CONSTRUCTION NOTE.

- 1 REFER TO LANDSCAPE PLAN FOR TREE SPECIES INFORMATION.

GENERAL NOTES

- A. ARCHITECTURAL SITE PLAN INCLUDED FOR REFERENCE ONLY.
B. REFER TO CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

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**NEW POLICE STATION
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TITLE
**ARCHITECTURAL SITE
PLAN PHASE II**

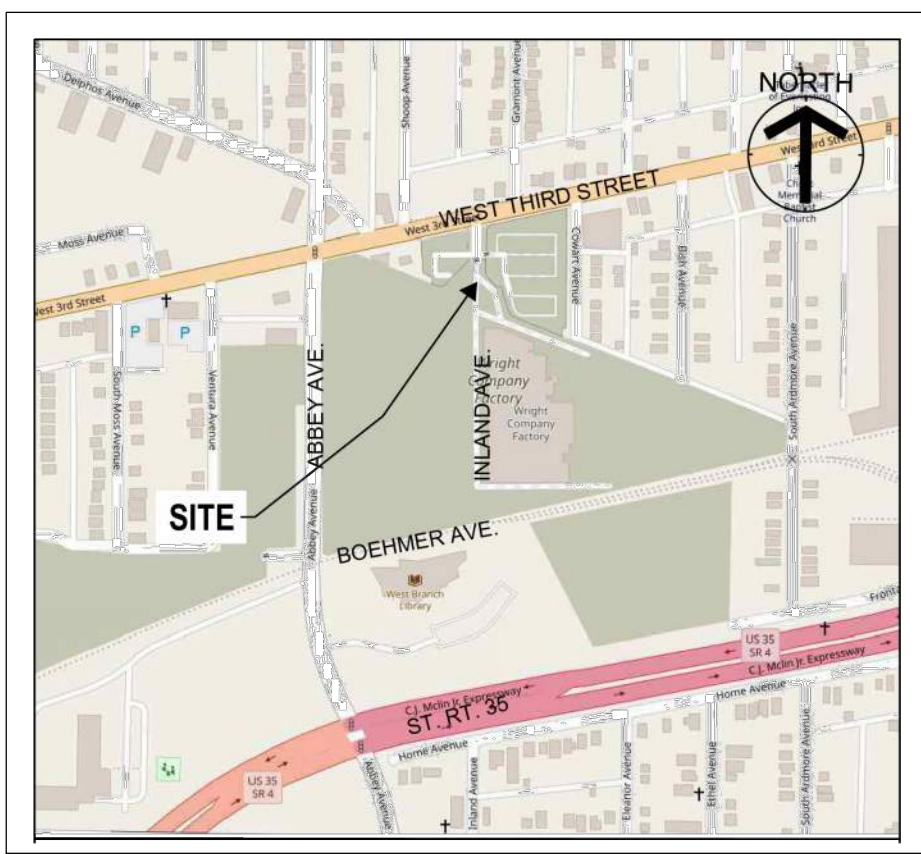
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G0.2

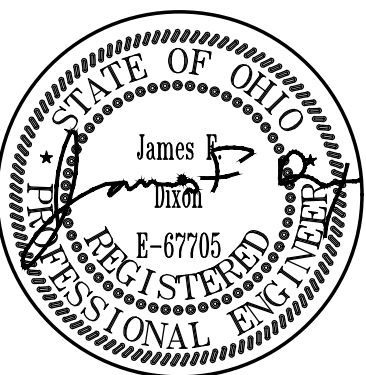
CITY OF DAYTON, OHIO

NEW POLICE STATION WEST

INLAND AVENUE
DAYTON, OHIO 45417



LOCATION MAP
NOT TO SCALE



CITY OF DAYTON
**NEW POLICE STATION WEST
PATROL DISTRICT
SITE PACKAGE II - INLAND AVE.**
10 Abbey Ave, Dayton, Ohio 45417

ISSUE		
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1	05/05/25	FOR CONSTRUCTION

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TITLE
**TITLE SHEET
PHASE II**

SHEET NO.

C0.0

SITE DATA	
PARCEL ID	R27-00111-0012
PARCEL AREA	15.78 ACRES
PROJECT AREA	3.51 ACRES
DISTURBED AREA WITHIN PROPERTY	2.46 ACRES
DISTURBED AREA WITHIN RIGHT-OF-WAY	1.05 ACRES
TOTAL DISTURBED AREA	3.51 ACRES
EXISTING IMPERVIOUS AREA	2.56 ACRES
EXISTING PERCENT IMPERVIOUS AREA	73%
PROPOSED IMPERVIOUS AREA	0.68 ACRES
PROPOSED PERCENT IMPERVIOUS AREA	19%

SURVEYOR NOTES:

- BEARINGS BASED ON U.S. STATE PLANE, NAD83 OHIO SOUTH (3402) ESTABLISHED FROM USING THE OHIO REAL TIME NETWORK (RTN) PROVIDED BY THE OHIO DEPARTMENT OF TRANSPORTATION. COORDINATES TAKEN TO GROUND AT LATITUDE N39°45'01.92872", LONGITUDE W84°14'19.62436", PROJECT HEIGHT 669.459', GROUND SCALE FACTOR 1.00007573185807.
- THE UTILITIES SHOWN ARE LOCATED FROM FIELD SURVEY INFORMATION AND/OR EXISTING DRAWINGS SUPPLIED BY CLIENT. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES LOCATED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES LOCATED ARE IN THE EXACT LOCATION INDICATED. ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. OUPS TICKETS REFERENCED FOR THIS PROJECT: B407300375-00B, B407300379-00B, B407300387-00B, AND B407300391-00B. FOR UTILITY LINES OR SERVICE LOCATIONS ON PRIVATE PROPERTY CESO RECOMMENDS CONTRACTING A PRIVATE UNDERGROUND UTILITY LOCATION SERVICE.

BENCHMARK	
Vertical Datum: NAVD88 derived from GPS Observations	
BM "A":	GROUND "X" ON "ARROW" (SOUTH WEST, 1 OF 4) BOLT ON FIRE HYDRANT LOCATED ABOUT 35'± WEST OF CENTERLINE OF INLAND AVE. AND ABOUT 395'± SOUTH OF W. 3RD STREET CENTERLINE. ELEVATION = 775.42'
BM "B":	BENCH TIE SET IN EAST SIDE (1' ABOVE GRADE) OF POWER POLE LOCATED ON NORTHWEST CORNER OF BROOKLYN AVE. AND WEST 3RD STREET, ABOUT 60'± WEST OF BROOKLYN AVE. CENTERLINE AND ABOUT 3.5' NORTH OF THE CURB LINE OF WEST 3RD STREET. ELEVATION = 777.45'
BM "C":	BENCH TIE SET IN SOUTHEAST SIDE (1' ABOVE CONCRETE) OF POWER POLE #135-29R LOCATED 2' EAST OF CURB LINE OF SHOOP AVE. AND ABOUT 75'± NORTH OF WEST 3RD STREET CENTERLINE. ELEVATION = 773.16'

FEMA FLOODPLAIN DATA

ACCORDING TO THE FEMA FLOOD MAP SERVICE CENTER, THE SUBJECT PARCEL IS LOCATED WITHIN ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS INDICATED BY FEMA MAP NUMBER 39113C0163E WITH AN EFFECTIVE DATE OF JANUARY 6, 2005.

SURVEYOR

CESO
3601 RIGBY ROAD, SUITE 300
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ENGINEER

KABIL ASSOCIATES
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EMAIL: jedwards@kabil.com

OWNER

CITY OF DAYTON
101 WEST THIRD STREET
DAYTON, OHIO 45402

INDEX MAP
SCALE: 1"=100'

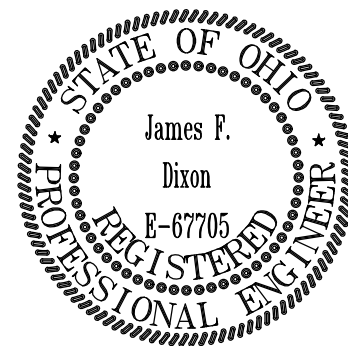
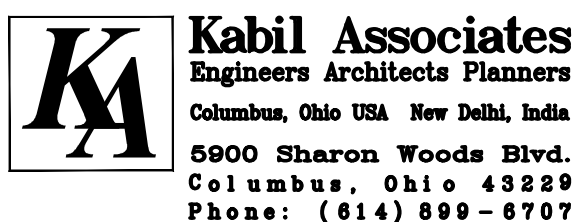
APPROVED
SIGNATURE BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSES AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLANS.

DIRECTOR, DEPARTMENT OF WATER
CITY OF DAYTON, OHIO

DATE

CITY ENGINEER, PUBLIC WORKS
CITY OF DAYTON, OHIO

DATE



James F. Dixon
Registered Engineer

E-67705
No. 05/05/2025
Date

A

B

C

D

E

F

GENERAL NOTES

1. ALL EXISTING UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATION ACCORDING TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL BE REQUIRED TO FIELD LOCATE EXACT LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO SETTING GRADE AND ALIGNMENT. THE CITY OF DAYTON AND THE DEPARTMENT OF WATER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR DEPTH OF THE UNDERGROUND FACILITIES SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF THE SAME AND FOR ANY RESULTING CONTINGENT DAMAGE. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR PROTECTION OF ALL EXISTING UTILITIES DURING CONSTRUCTION. ALL COST FOR LOCATING, REMOVING AND REPLACING OR RELOCATING THESE UTILITIES SHALL BE INCIDENTAL TO CONSTRUCTION. ALL UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED TO THE UTILITY OWNER'S SATISFACTION. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED BY HAND DIGGING.

2. THE CONTRACTOR SHALL NEED TO CONTACT THE CITY OF DAYTON, DEPARTMENT OF WATER, CONSTRUCTION INSPECTION, 320 WEST MONUMENT AVE, DAYTON, OHIO 45402, AT 937-333-3725 PRIOR TO BEGINNING WATER SERVICE WORK.

3. THE CONTRACTOR SHALL CONTACT CHRIS HOLMES WITH THE CITY OF DAYTON, DEPARTMENT OF WATER, CONSTRUCTION INSPECTION, 320 WEST MONUMENT AVE, DAYTON, OHIO 45402, AT 937-333-3725 FOR ESTIMATES AND TO SET UP WORK ORDERS FOR UTILITY SERVICE CONNECTIONS.

4. LOCATION, SUPPORT, PROTECTION, AND RESTORATION OF ALL EXISTING UTILITIES AND APPURTENANCES, WHETHER OR NOT SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

5. WHEN UNKNOWN OR INCORRECTLY LOCATED UNDERGROUND UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY OWNER AND THE DEPARTMENT OF WATER.

6. ALL WORK SHALL CONFORM TO THE CITY OF DAYTON, CONSTRUCTION AND MATERIAL SPECIFICATIONS (LATEST EDITION).

7. NO CONSTRUCTION SHALL COMMENCE UNTIL CITY OF DAYTON PERMITS HAVE BEEN ISSUED AS REQUIRED.

8. ALL PROJECT ORDERS (FIELD OR OFFICE), REQUESTS, CHANGES, ADDITIONS OR DELETIONS PERTAINING TO PUBLIC WATER MAIN, STORM SEWER, AND SANITARY SEWER FACILITIES SHALL BE ONLY BY DIRECTION OR REQUEST OF THE DEPARTMENT OF WATER.

9. THE CONTRACTOR SHALL NOTIFY RESIDENTS AND BUSINESSES AFFECTED BY STREET CLOSURES A MINIMUM OF 48 HOURS IN ADVANCE OF THE ACTUAL STREET CLOSING.

10. ROADWAY RESTORATION WITHIN THE CITY OF DAYTON CORPORATION LIMITS SHALL BE DONE IN COMPLIANCE WITH THE DEPARTMENT OF PUBLIC WORKS 'RULES AND REGULATIONS FOR MAKING OPENINGS IN A PUBLIC WAY'(LATEST EDITION).

11. FORTY-EIGHT HOURS PRIOR TO ANY CONSTRUCTION, EXCAVATION OR DIGGING, THE CONTRACTOR SHALL CALL AND NOTIFY THE OHIO UTILITIES PROTECTION SERVICES (OUPS) AT 1-800-362-2764. ALL OTHER AGENCIES, WHICH MIGHT HAVE UNDERGROUND UTILITIES IN THIS AREA AND ARE NOT MEMBERS OF OUPS, SHALL BE NOTIFIED DIRECTLY BY THE CONTRACTOR.

12. APPROVAL OF PLANS BY THE DEPARTMENT OF WATER DOES NOT RELIEVE THE DESIGNER, OWNER, OR PERSON IN CONTROL OF THE PROPERTY FROM LIABILITY FOR INJURY TO PERSONS OR PROPERTY.

13. APPROVAL OF THE PLANS SHALL BECOME VOID IF CONSTRUCTION HAS NOT COMMENCED WITHIN TWELVE (12) MONTHS FROM THE DATE APPROVED BY THE DEPARTMENT OF WATER. IN ADDITION, THE PLANS SHALL BECOME VOID IF CONSTRUCTION IS NOT COMPLETED WITHIN TWO (2) YEARS FROM THE DATE APPROVED BY THE DEPARTMENT OF WATER.

14. ALL FILLS (INCLUDING TRENCH BEDDING AND BACKFILL) INTENDED TO SUPPORT A WATER MAIN, SANITARY SEWER, STORM SEWER OR DRAINAGE CHANNEL SHALL BE COMPACTED TO NOT LESS THAN 90% MAXIMUM DENSITY (MODIFIED PROCTOR TEST ASTM D1557), UNLESS OTHERWISE NOTED. FIELD VERIFICATION AND FORMAL RESULT SUBMITTALS MAY BE REQUESTED (AS NECESSARY) BY THEDEPARTMENT OF WATER.

15. IN ADDITION TO THE NOTES ON THIS SHEET, CONTRACTOR'S ATTENTION SHALL BE DIRECTED TO THE NOTES ON THE ATTACHED SHEETS AS WELL.

16. COMPACTED FILLS ARE TO BE MADE TO A MINIMUM OF THREE FEET ABOVE THE CROWN OF ANY PROPOSED WATER LINE, SANITARY OR STORM SEWER LINES PRIOR TO CUTTING OF TRENCHES FOR PLACEMENT OF SAID LINES. ALL FILLS SHALL BE CONTROLLED, COMPACTED AND INSPECTED.

17. ALL EXISTING UTILITY POLES, BOXES, MANHOLES, CATCH BASINS, VALVES, FIRE HYDRANT, ETC. SHALL BE REMAIN WITH EXISTING GRADE, UNLESS OTHERWISE NOTED IN THE PLAN.

18. EXISTING SIDE WALK RESURFACING ELEVATIONS SHOULD BE KEPT THE SAME, UNLESS OTHERWISE NOTED IN THE PLAN.

STORM WATER COLLECTION SYSTEM NOTES:

1. ALL STORM SEWERS AND CATCH BASIN LATERALS SHALL BE REINFORCED CONCRETE ASTM SPECIFICATION NUMBER C-76, CLASS 4 (UNLESS OTHERWISE NOTED).
2. STORM MANHOLES SHALL BE EQUAL TO ASTM C-478, CITY OF DAYTON TYPE "A" MANHOLE.

3. CHANNEL BOTTOMS OF ALL MANHOLES.
4. ALL CONNECTIONS TO EXISTING STORM SEWER MANHOLES SHALL BE MADE USING A DIAMOND CORE DRILL.
5. ALL CATCH BASINS TO BE CITY OF DAYTON TYPE "3" OR "3A" WITH "V" TYPE GRATES (UNLESSOTHERWISE NOTED).
6. ALL FIELD TILE ENCOUNTERED SHALL BE REPLACED OR CONNECTED TO THE STORM SEWER SYSTEM WITH APPROVAL FROM THE CITY OF DAYTON, DEPARTMENT OF WATER.
7. NO ADDITIONS, DELETIONS, OR REVISIONS TO THE STORM SEWER ARE TO BE MADE WITHOUT WRITTEN APPROVAL BY THE DEPARTMENT OF WATER.
8. DEPARTMENT OF WATER PERSONNEL WILL INSPECT THE STORM SEWER INSTALLATION WITHIN THE PUBLIC RIGHT-OF-WAY OR IN AN EASEMENT. THE DIVISION OF BUILDING SERVICES WILL INSPECT ALL PRIVATE STORM SEWER INSTALLATIONS.
9. ALL STORM SEWER CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS (LATEST EDITION) AND DEPARTMENT OF WATER ENGINEERING STANDARDS FOR WATER, SANITARY SEWER, AND STORM SEWER FACILITIES (LATEST EDITION).

EROSION CONTROL NOTES:

1. FORTY-EIGHT HOURS PRIOR TO ANY EARTH DISTURBING WORK, THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF WATER AT (937) 333-3739 (FIELD BUREAU).
2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES SHALL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF SILT OFF THE SITE. ALL RUNOFF RESULTING FROM CONSTRUCTION OPERATIONS MUST BE FILTERED BY APPROVED METHODS PRIOR TO DISCHARGING TO THE STORM SEWER SYSTEM.
3. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED BY THE CONTRACTOR AND REPAIRED ONCE A WEEK AND AFTER EVERY ½" OF RAIN. RECORDS OF SUCH INSPECTION SHALL BE KEPT AT THE JOB SITE AND BE AVAILABLE FOR IMMEDIATE REVIEW UPON REQUEST.
4. IN ADDITION TO ANY TEMPORARY EROSION, SEDIMENT, AND DEBRIS CONTROL DETAILS AND NOTES SHOWN ON THE PLANS, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS, EARTH DIKES, TEMPORARY OR PERMANENT SEEDING, MULCHING AND/OR MULCH NETTING OR ANY OTHER GENERALLY ACCEPTED METHODS TO PREVENT EROSION, MUD AND DEBRIS FROM BEING DEPOSITED ON OTHER PROPERTY, ON NEWLY CONSTRUCTED OR EXISTING ROADS, OR INTO EXISTING SEWERS OR NEW SEWERS WITHIN THE DEVELOPMENT.
5. ALL GROUND SURFACE AREAS THAT HAVE BEEN EXPOSED OR LEFT BARE AS A RESULT OF CONSTRUCTION AND ARE TO FINAL GRADE AND ARE TO REMAIN SO SHALL BE SEEDED AND MULCHED AS SOON AS PRACTICAL. DISTURBED AREAS THAT LIE DORMANT FOR 21 DAYS OR MORE SHALL BE SEEDED OR PROTECTED WITHIN 7 CALENDAR DAYS OF THE DISTURBANCE. OTHER SEDIMENT CONTROLS THAT ARE INSTALLED SHALL BE MAINTAINED UNTIL VEGETATIVE GROWTH HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL TEMPORARY SEDIMENT DEVICES AT THE CONCLUSION OF CONSTRUCTION BUT NOT BEFORE GROWTH OF PERMANENT GROUND COVER.
6. UNTIL IMPROVEMENTS IN THE DEVELOPMENT HAVE BEEN COMPLETED, THE CONTRACTOR SHALL TAKE SUCH MEASURES AS ARE NECESSARY TO PREVENT EROSION OF GRADED SURFACES ONTO ROADWAYS, INTO DRAINAGE COURSES, STORM SEWERS, OR ONTO ADJOINING LAND. FOR ANY EARTH DISTURBANCE OR ANY DEVELOPMENT APPROVED BY THE DEPARTMENT OF WATER, THE CONTRACTOR SHALL CLEAN ANY MUD OR DEBRIS DEPOSITED ON ROADWAYS, DRAINAGE COURSES, OR ADJOINING PROPERTY WHEN THE MUD AND DEBRIS ORIGINATES FROM THE EARTH MOVING OPERATIONS.
7. ALL MUD/DIRT TRACKED ONTO ROADS FROM THE SITE, DUE TO CONSTRUCTION, SHALL BE PROMPTLY (WITHIN 24 HOURS) REMOVED.
8. FOR DEVELOPMENT SITES, EROSION CONTROL MEASURES SHALL BE ENFORCED ON INDIVIDUAL OR RESIDENTIAL LOTS. THIS SHALL INCLUDE A CONSTRUCTION ENTRANCE (REFER TO DETAIL – ER-8) AND SILT FENCE ACROSS THE FRONTAGE OF EACH PROPERTY AND A TEMPORARY DIVERSION DITCH ON EACH LOT.
9. THIS PROJECT IS SUBJECT TO INSPECTION BY THE DEPARTMENT OF WATER PERSONNEL FOR COMPLIANCE WITH THE CITY'S STORM WATER ORDINANCE DURING AND AFTER CONSTRUCTION. THIS INCLUDES BUT IS NOT LIMITED TO INSPECTION OF EROSION CONTROL FACILITIES, SURFACE DRAINAGE, AND DETENTION/RETENTION FACILITIES. ADDITIONAL MEASURES MAY BE REQUIRED IF VIOLATIONS OF THE ORDINANCE OCCUR AND WATER DEPARTMENT PERSONNEL DEEM IT NECESSARY. ALL MEASURES SHALL COMPLY WITH CITY OF DAYTON STANDARDS AND 'RAINWATER AND LAND DEVELOPMENT, OHIO'S STANDARD FOR STORM WATER MANAGEMENT, LAND DEVELOPMENT, AND URBAN STREAM PROTECTION', (LATEST EDITION).



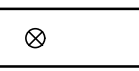


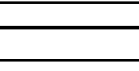




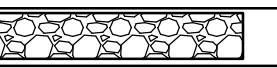
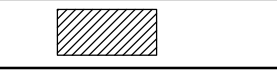
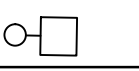

WATER DISTRIBUTION SYSTEM NOTES:

1. WATER MAINS, BENDS AND FITTINGS SHALL BE DUCTILE CAST IRON PIPE AND CONFORM TO ANSI A-21.51 (AWWA C151),CLASS 51 (UNLESS OTHERWISE NOTED).
2. THRUST BLOCKS ARE REQUIRED AT ALL FITTINGS.
3. THE LENGTH OF RESTRAINED JOINT REQUIREMENTS ARE INDICATED ON EACH PLAN AND PROFILE SHEET.
4. WELDING OF PIPE AND/OR APPURTENANCES IS NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE CITY OF DAYTON, DEPARTMENT OF WATER.

5. WATER MAINS SHALL HAVE A MINIMUM COVER OF 4 FEET, 6 INCHES. WATER MAINS SHALL HAVE A MINIMUM OF 10 FEET HORIZONTAL SEPARATION (OUT-TO-OUT) FROM ANY STORM OR SANITARY SEWER.
6. WATER MAINS CROSSING ANY AND ALL SEWERS SHALL HAVE A MINIMUM VERTICAL SEPARATION OF 18 INCHES BETWEEN THE OUTSIDES OF THE PIPES (OUT TO OUT). ALSO, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SUCH THAT BOTH JOINTS WILL BE OF EQUAL DISTANT AND AS FAR FROM THE SEWER AS POSSIBLE. IF WATER MAIN CROSSES BELOW SANITARY SEWERS, THE SANITARY SEWER MUST BE WATER MAIN MATERIAL FOR THAT SPAN.
7. ONLY CITY OF DAYTON PERSONNEL SHALL OPERATE MAIN LINE WATER VALVES WITHIN THE DAYTON CORPORATION LIMITS.
8. ALL VALVE-OPERATING NUTS SHALL BE SET AT A MAXIMUM DEPTH OF 6 FEET. THE CONTRACTOR SHALL FURNISH AND INSTALL APPROVED EXTENSIONS AS REQUIRED.
9. THE CONTRACTOR SHALL BE ADVISED THAT ANY CLOSURE PIECES OR SLEEVES REQUIRED TO CONNECT SECTIONS OF THE CONCRETE MAIN LINE OR DUCTILE IRON CONNECTIONS, OTHER THAN THOSE SPECIFICALLY SHOWN ON THE CONSTRUCTION DRAWINGS, SHALL BE AT HIS EXPENSE.
10. ALL TAPS TO EXISTING WATER MAINS WILL BE MADE BY THE CITY OF DAYTON AT THE CONTRACTOR'S EXPENSE. THIS WORK WILL INCLUDE FURNISHING AND INSTALLING THE TAPPING SLEEVE AND VALVE AND MAKING THE TAP. ALL OTHER WORK INCLUDING EXCAVATION, BACKFILL, AND RESTORATION OVER THE TAPPED MAIN SHALL BE BY THE CONTRACTOR. CONTACT WATER ENGINEERING AT (937) 333-3742.
11. SERVICE CONNECTIONS SHALL NOT BE MADE TO THE WATER MAIN UNTIL THE MAIN LINE HAS BEEN INSPECTED, TESTED, DISINFECTED AND RELEASED FOR TAPS. ALL WATER SERVICE CONNECTIONS SHALL BE A MINIMUM OF 1" DIAMETER AND MINIMUM OF 5/8" WATER METER AND CONFORM TO THE CITY OF DAYTON STANDARDS FOR TAPS, SERVICES, METERS, AND BACKFLOW PREVENTION, (LATEST EDITION).
12. NO WATER SERVICE BRANCH SHALL BE LAID IN THE SAME TRENCH WITH A SANITARY SEWER LATERAL.
13. FIRE HYDRANTS SHALL BE LOCATED 3-FEET FROM THE FACE OF THE CURB OR EDGE OF THE PAVEMENT AND 4-INCH OPENING TO FACE THE STREET. FIRE HYDRANTS LOCATED WITHIN THE WALK MUST COMPLY WITH ADA REGULATIONS.
14. NO ADDITIONS, DELETIONS, OR REVISIONS TO THE WATER MAIN ARE TO BE MADE WITHOUT WRITTEN APPROVAL BY THE DEPARTMENT OF WATER.
15. DEPARTMENT OF WATER PERSONNEL WILL INSPECT THE WATER MAIN INSTALLATION.
16. ALL WATER MAIN CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE CITY OF DAYTON CONSTRUCTION AND MATERIAL SPECIFICATIONS (LATEST EDITION) AND DEPARTMENT OF WATER ENGINEERING STANDARDS FOR WATER, SANITARY SEWER, AND STORM SEWER FACILITIES (LATEST EDITION).

SITE CONCRETE

1. ALL SITE CONCRETE SHALL BE CITY OF DAYTON CLASS D CONCRETE PER ITEM 499.
2. CONCRETE WITH FIBER REINFORCEMENT SHALL BE CLASS D CONCRETE WITH FIBERS ADDED TO THE MIX AT A RATE OF 1.5LB/CY. THE TYPE OF FIBERS SHALL BE FIBERSTRAND F FIBRILLATED POLYPROPYLENE MICRO-FIBER FROM THE EUCLID CHEMICAL COMPANY OR AN APPROVED EQUAL. THIS ITEM SHALL ALSO INCLUDE ALL MATERIAL, LABOR, AND EQUIPMENT NECESSARY TO BURN OFF EXPOSED FIBERS AT THE SURFACE OF THE CONCRETE PAVEMENT AS NEEDED AND DIRECTED BY THE ENGINEER.

LEGEND	
--- ST --- ST ---	EXISTING STORM SEWER
--- SA --- SA ---	EXISTING SANITARY SEWER
--- W --- W ---	EXISTING WATER
--- ESMT ---	EASEMENT
--- X ---	EXISTING STEEL FENCE AND GATE
--- COM --- COM ---	EXISTING COMMUNICATION FIBER OPTIC LINE
--- OHL --- OHL ---	OVERHEAD LINE
--- RW ---	RIGHT-OF-WAY LINE
--- P --- P ---	PROPERTY LINE
	EXISTING UTILITY POLE
	EXISTING LIGHT POLE
	EXISTING STORM INLET
	EXISTING WATER VALVE
	EXISTING SANITARY MANHOLE
	EXISTING STORM MANHOLE
--- ST --- ST ---	PROPOSED STORM SEWER
---	PROPOSED CONTOUR
---	PROPOSED FENCE
--- LOD --- LOD ---	LIMITS OF DISTURBANCE
--- - - - -	MATCHLINE
	TRAFFIC TURN SIGN
	INLET PROTECTION
	PROPOSED STORM INLET
	PROPOSED CURB INLET
	PROPOSED PULL BOX
	STABILIZED CONSTRUCTION ENTRANCE
	CONSTRUCTION WASHOUT AREA
	PROPOSED LIGHT POLE

CITY OF DAYTON

NEW POLICE STATION WEST
PATROL DISTRICT
SITE PACKAGE II - INLAND AVE.

10 Abbey Ave, Dayton, Ohio 45417

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Phone: (614) 894-6707 Fax: (614) 894-7503

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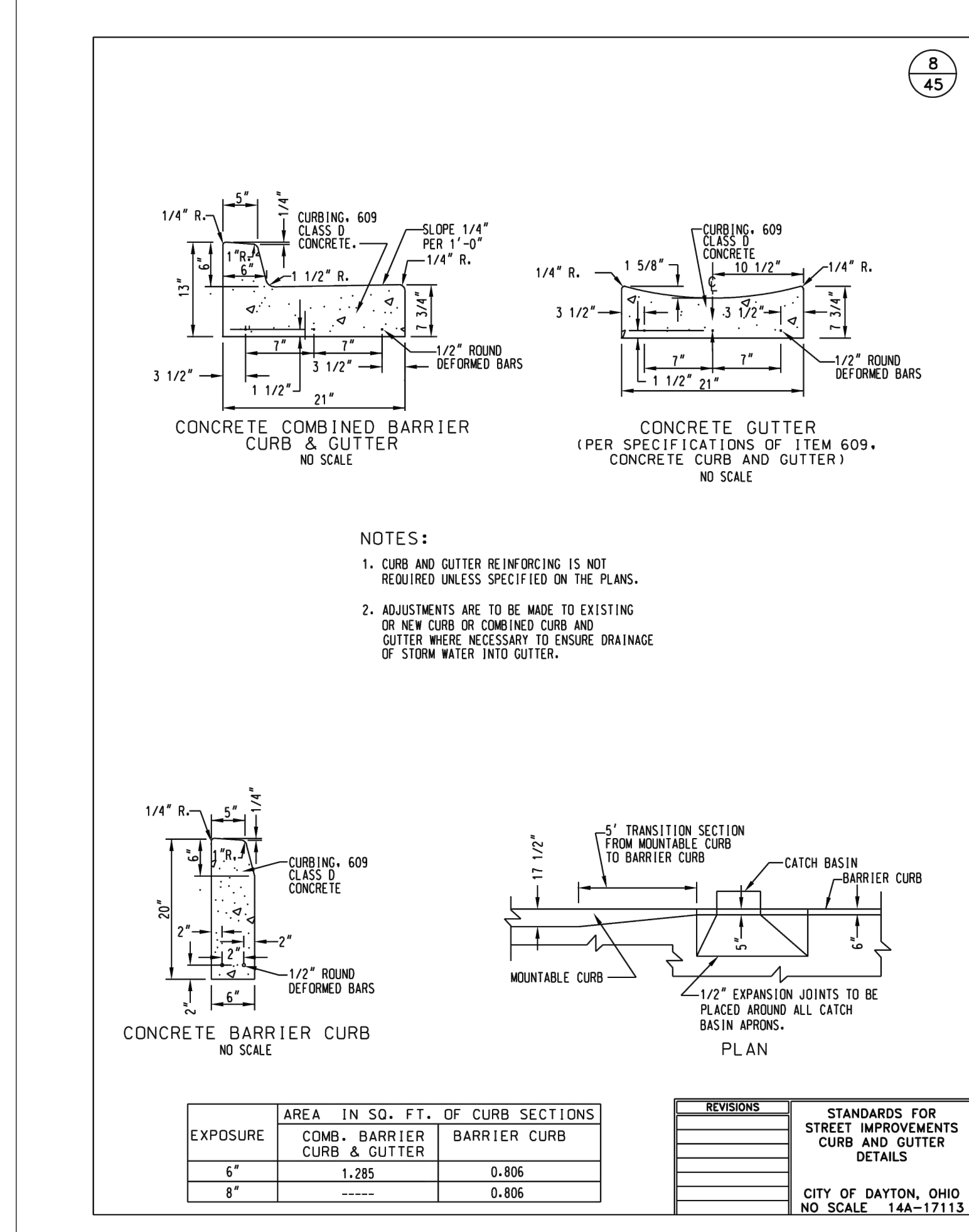
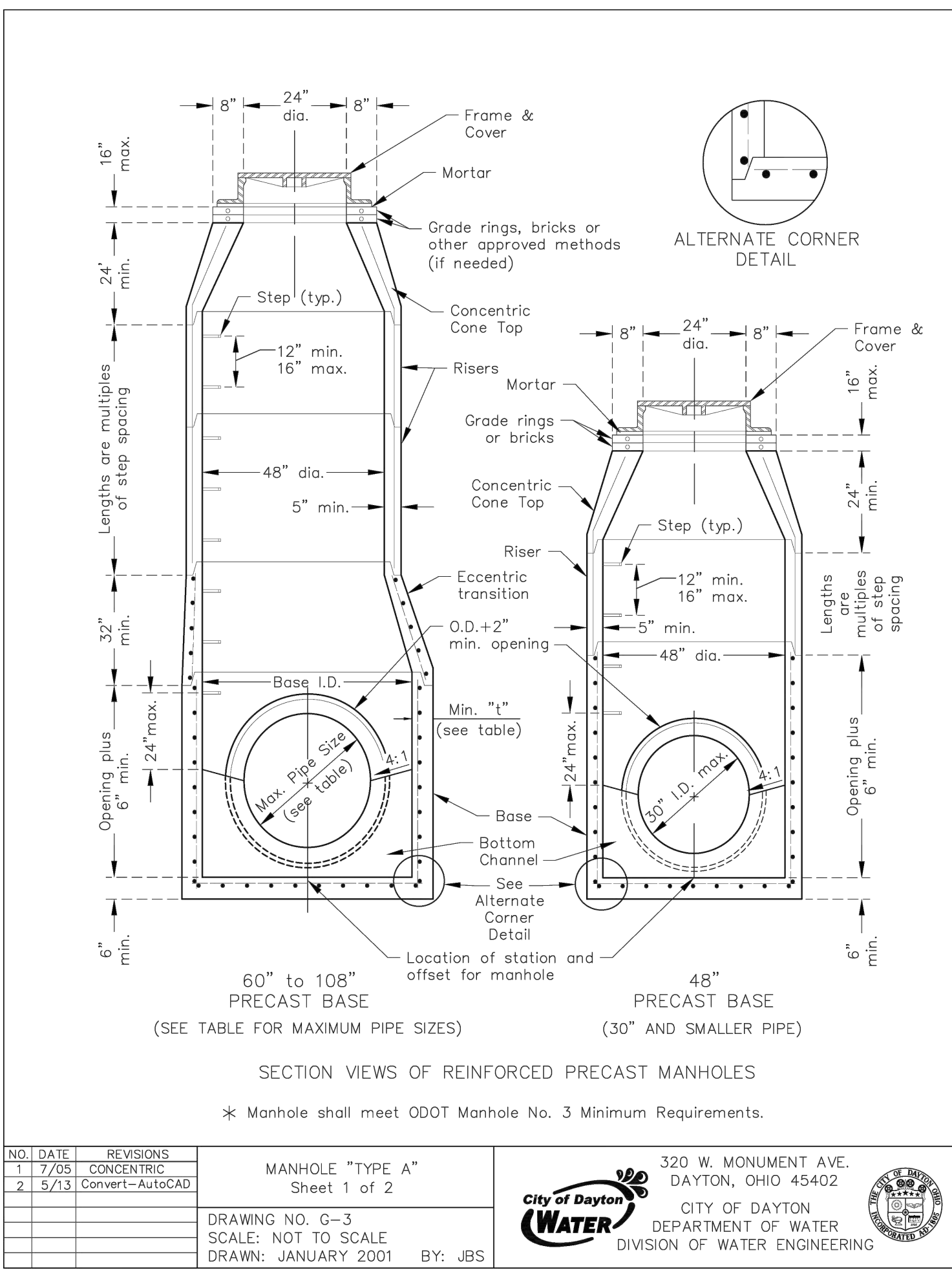
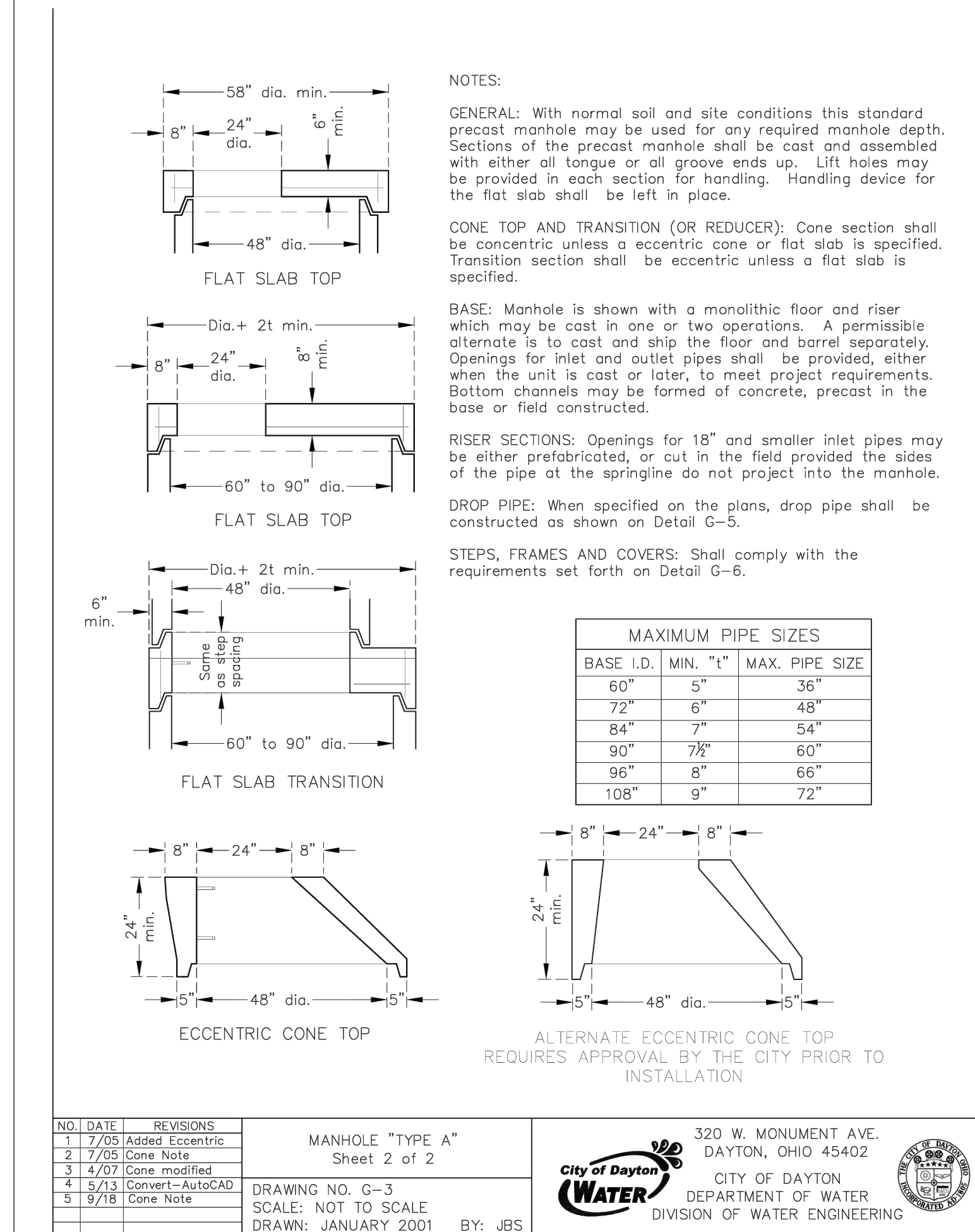
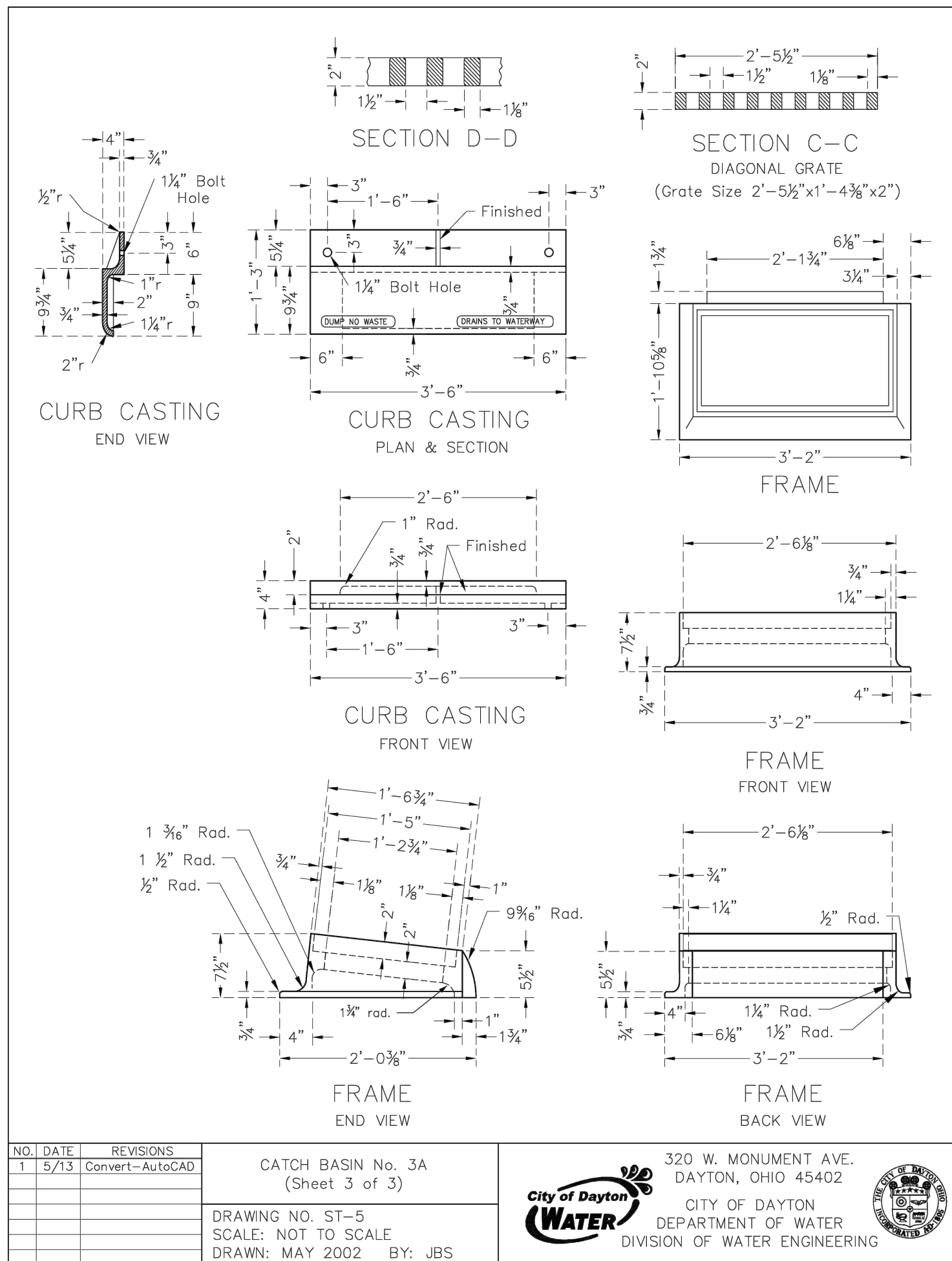
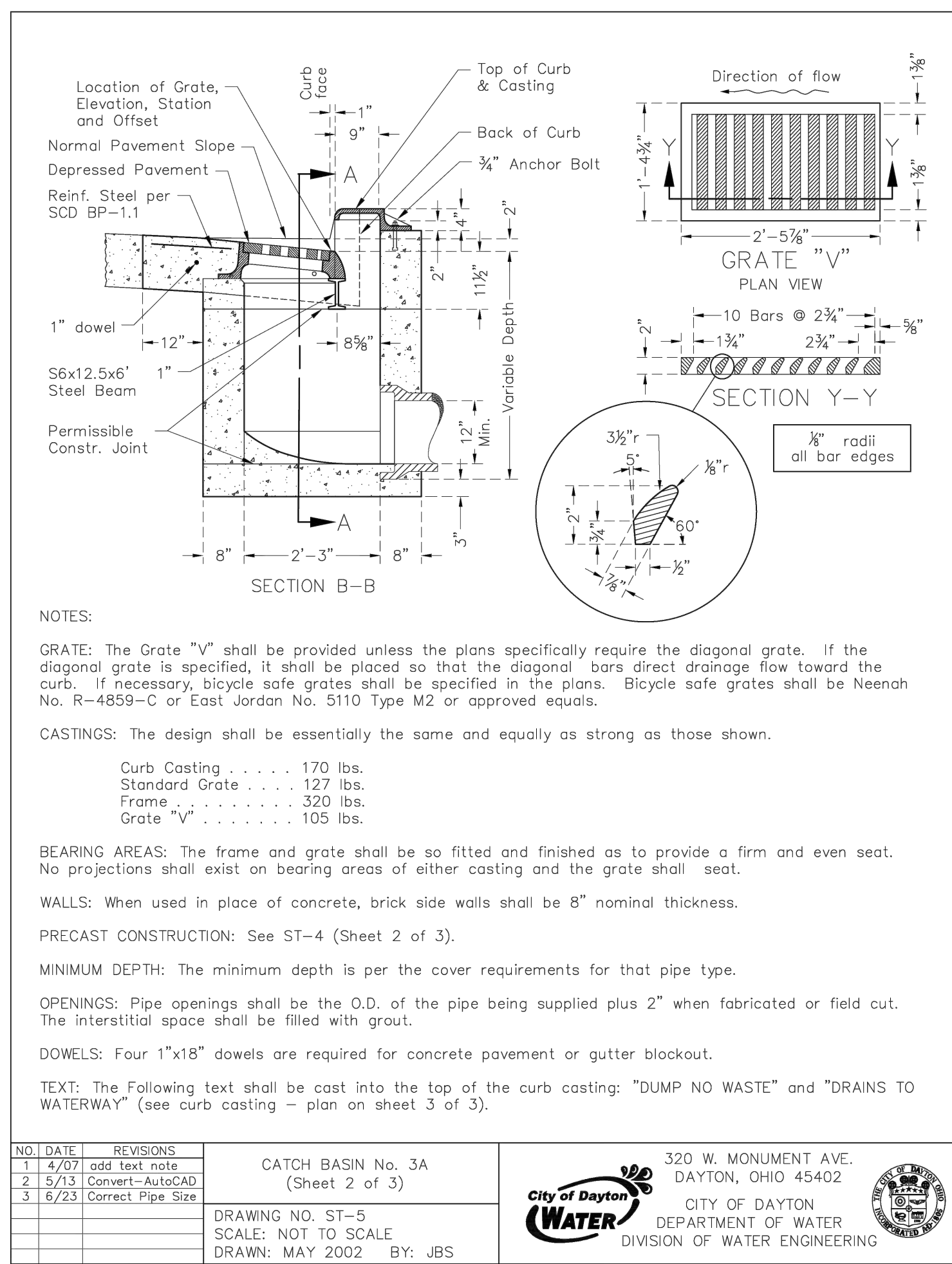
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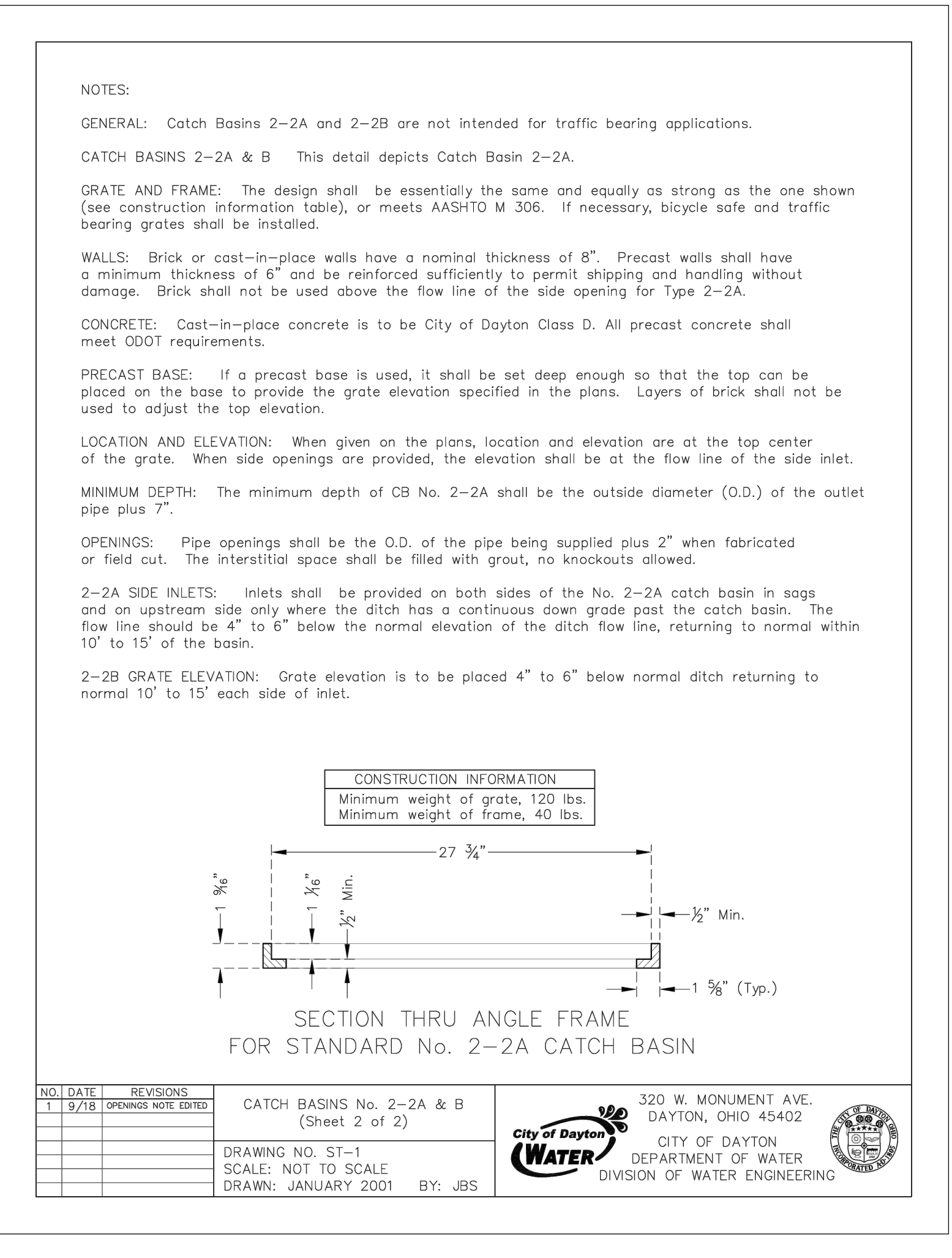
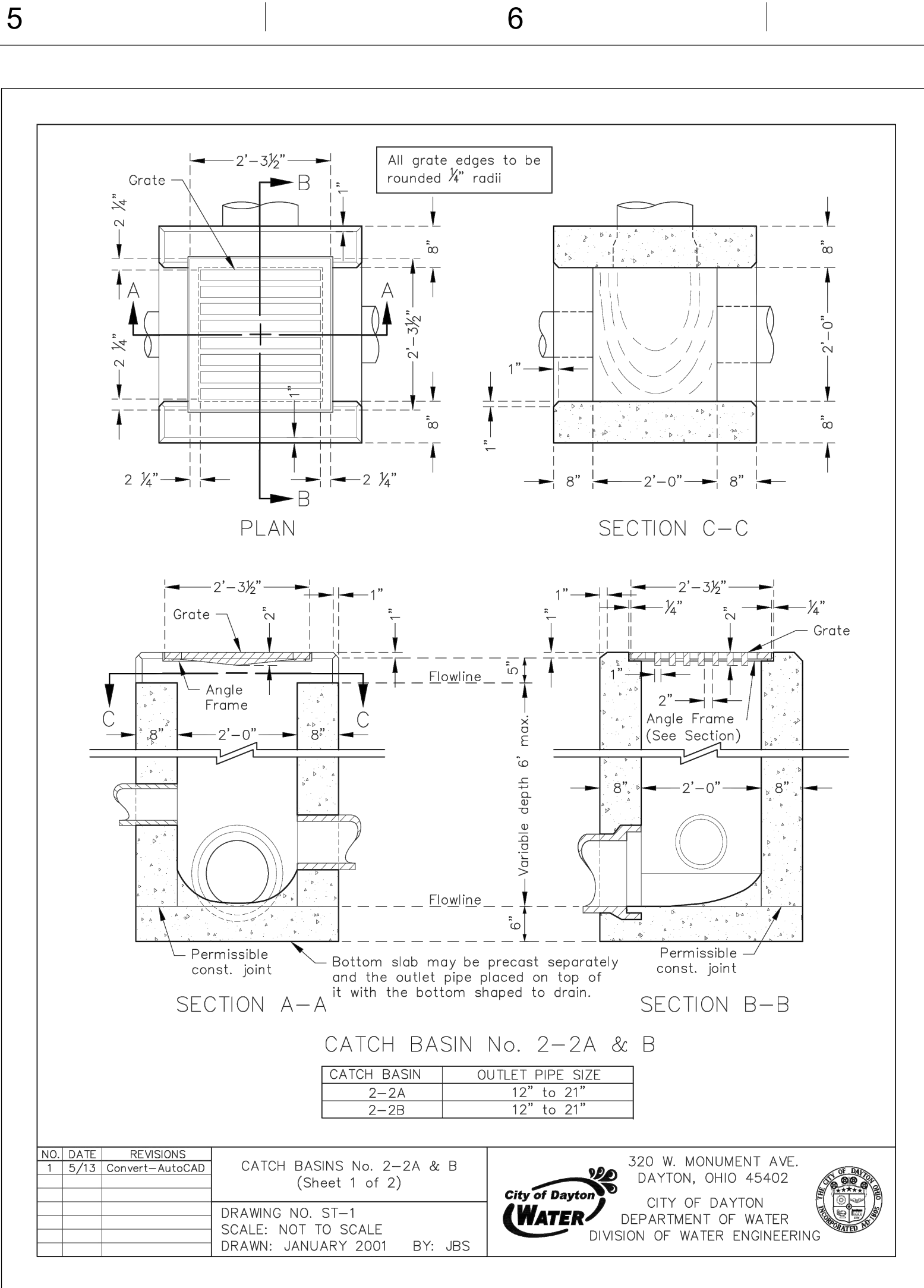
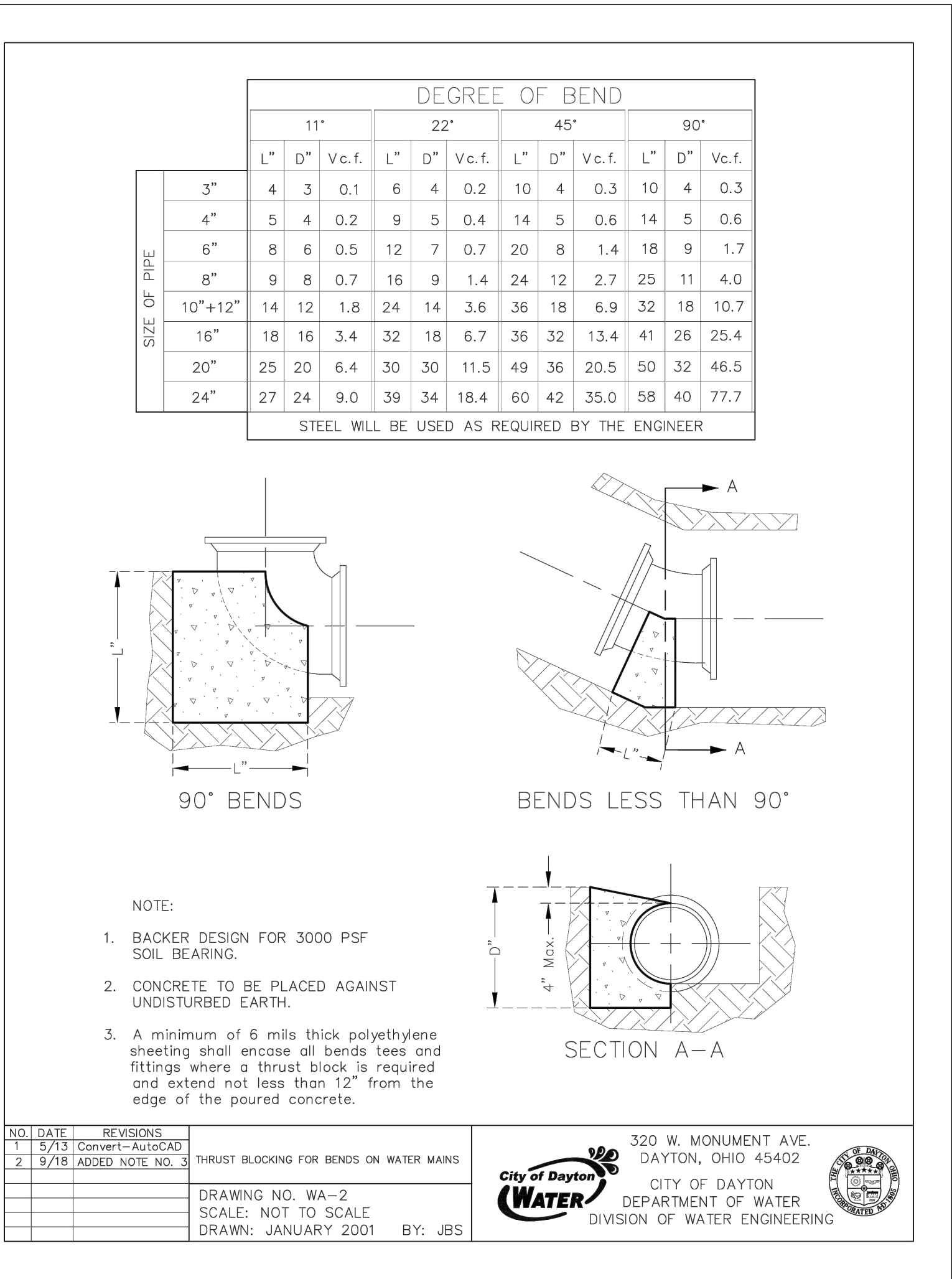
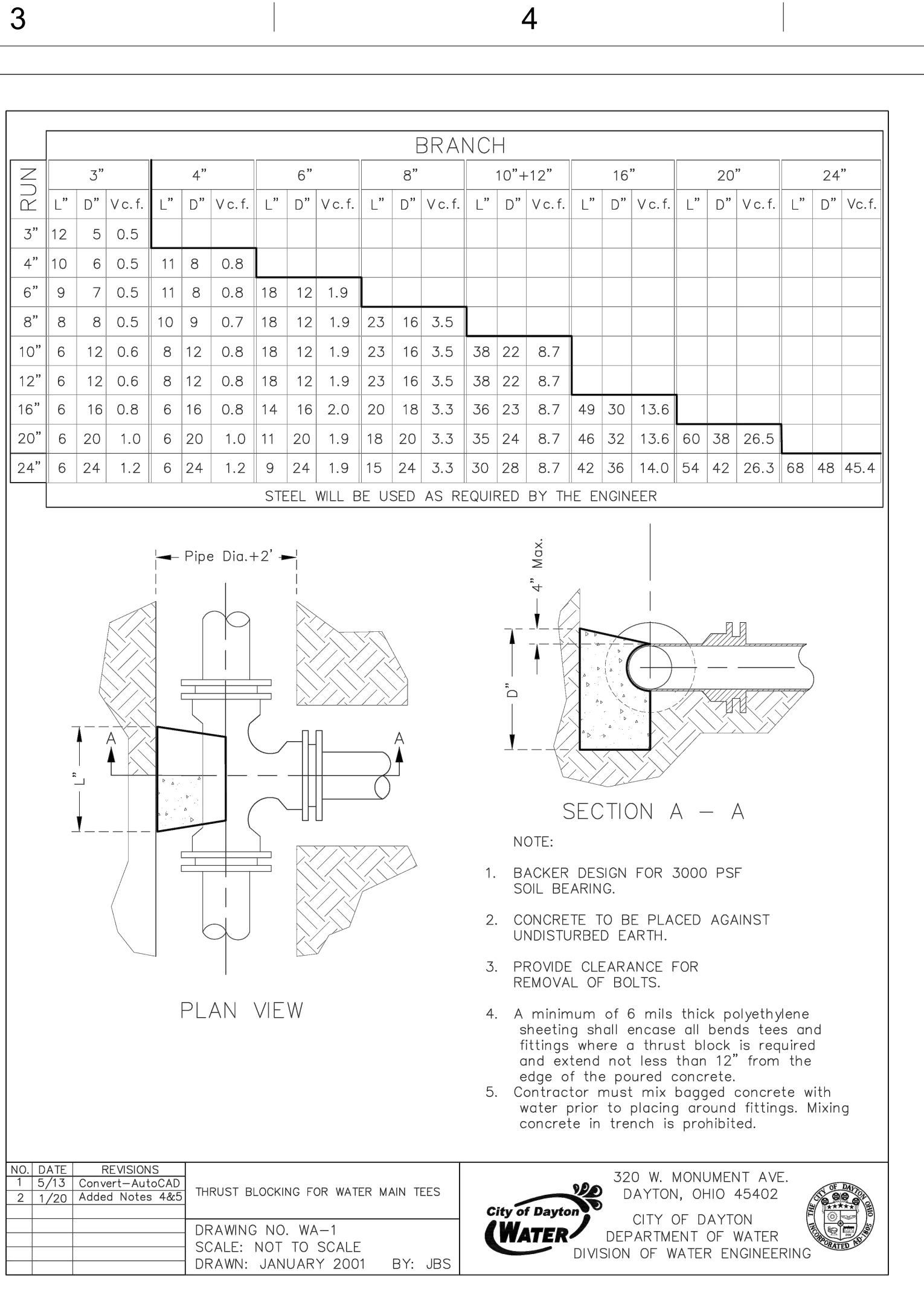
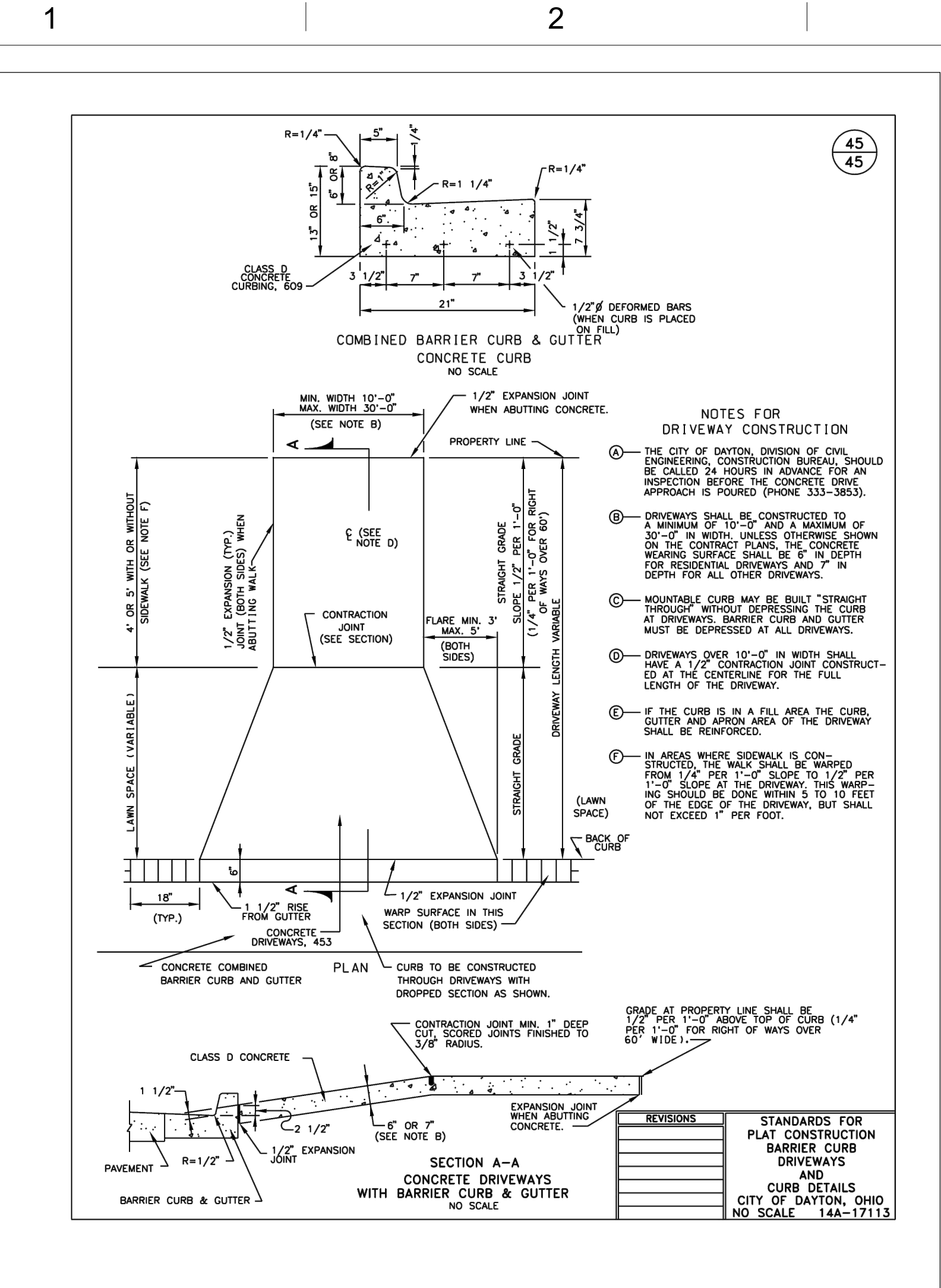
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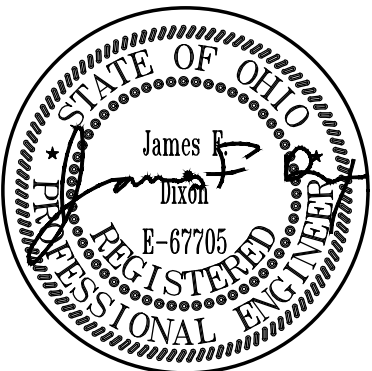
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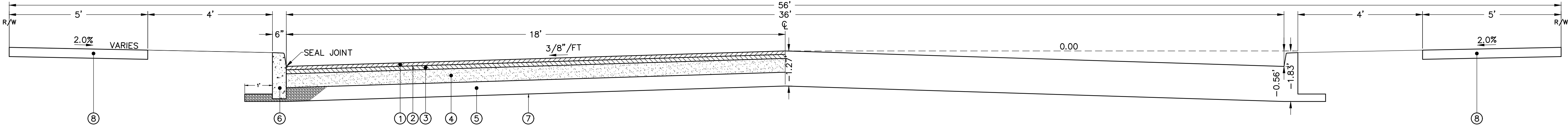
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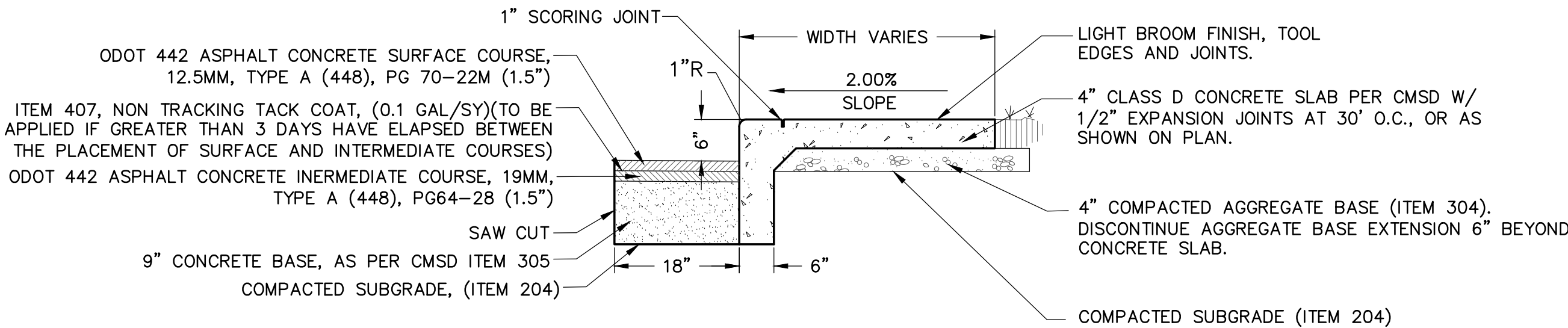
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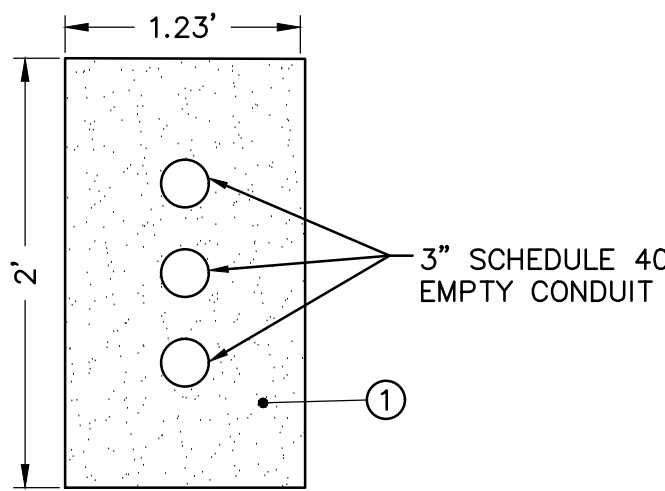
1. ODOT 442 ASPHALT CONCRETE SURFACE COURSE, 12.5MM, TYPE A (448), PG 70-22M (1.5")
 2. ITEM 407, NON TRACKING TACK COAT, (0.1 GAL/SY)(TO BE APPLIED IF GREATER THAN 3 DAYS HAVE ELAPSED BETWEEN THE PLACEMENT OF SURFACE AND INTERMEDIATE COURSES)
 3. ODOT 442 ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), PG64-28 (1.5")
 4. ODOT 302 BITUMINOUS AGGREGATE BASE (6")
 5. 6" AGGREGATE BASE, ITEM 304
 6. CONCRETE BARRIER CURB, ITEM 609 AND CITY OF DAYTON STANDARD DRAWING 8/45
 7. COMPACTED SUBGRADE, ODOT CMS ITEM 204
 8. 4" CONCRETE WALK, ITEM 608 AND CITY OF DAYTON STANDARD DRAWING 10/45
- SEE CITY OF DAYTON STANDARD DRAWING 3/45

CITY OF DAYTON PUBLIC STREET TYPICAL SECTION DETAIL
N.T.S.



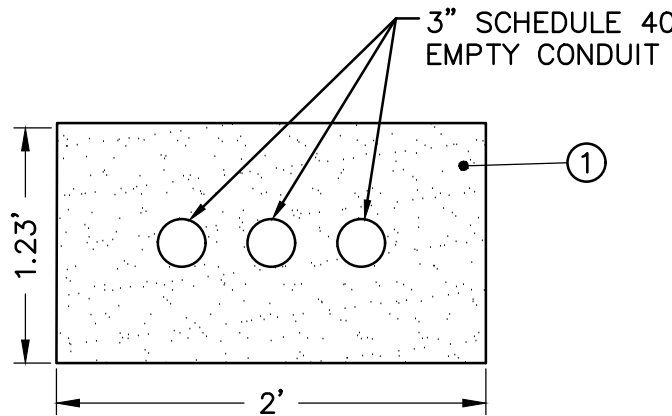
NOTE: PROVIDE 1" DEEP SCORING JOINTS @ 5' O.C. OR AS SHOWN ON PLAN (SAWCUT JOINTS).

INTEGRAL CONCRETE CURB & WALK
N.T.S.



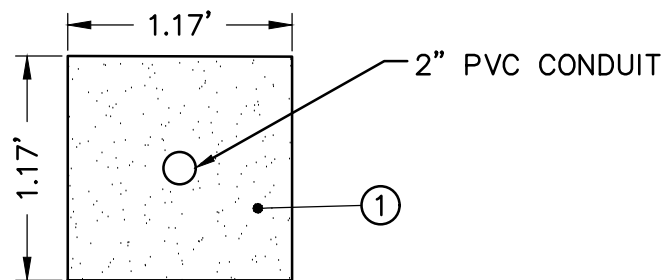
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FUTURE CONDUIT
N.T.S.



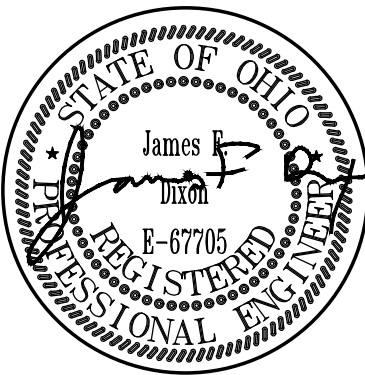
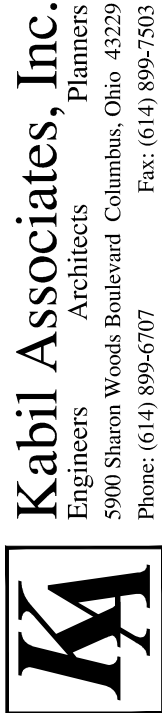
1. CLASS D CONCRETE AS PER CMSD ITEM 305.

FUTURE CONDUIT
N.T.S.



1. CLASS D CONCRETE AS PER CMSD ITEM 305.

ELECTRIC CONDUIT
N.T.S.



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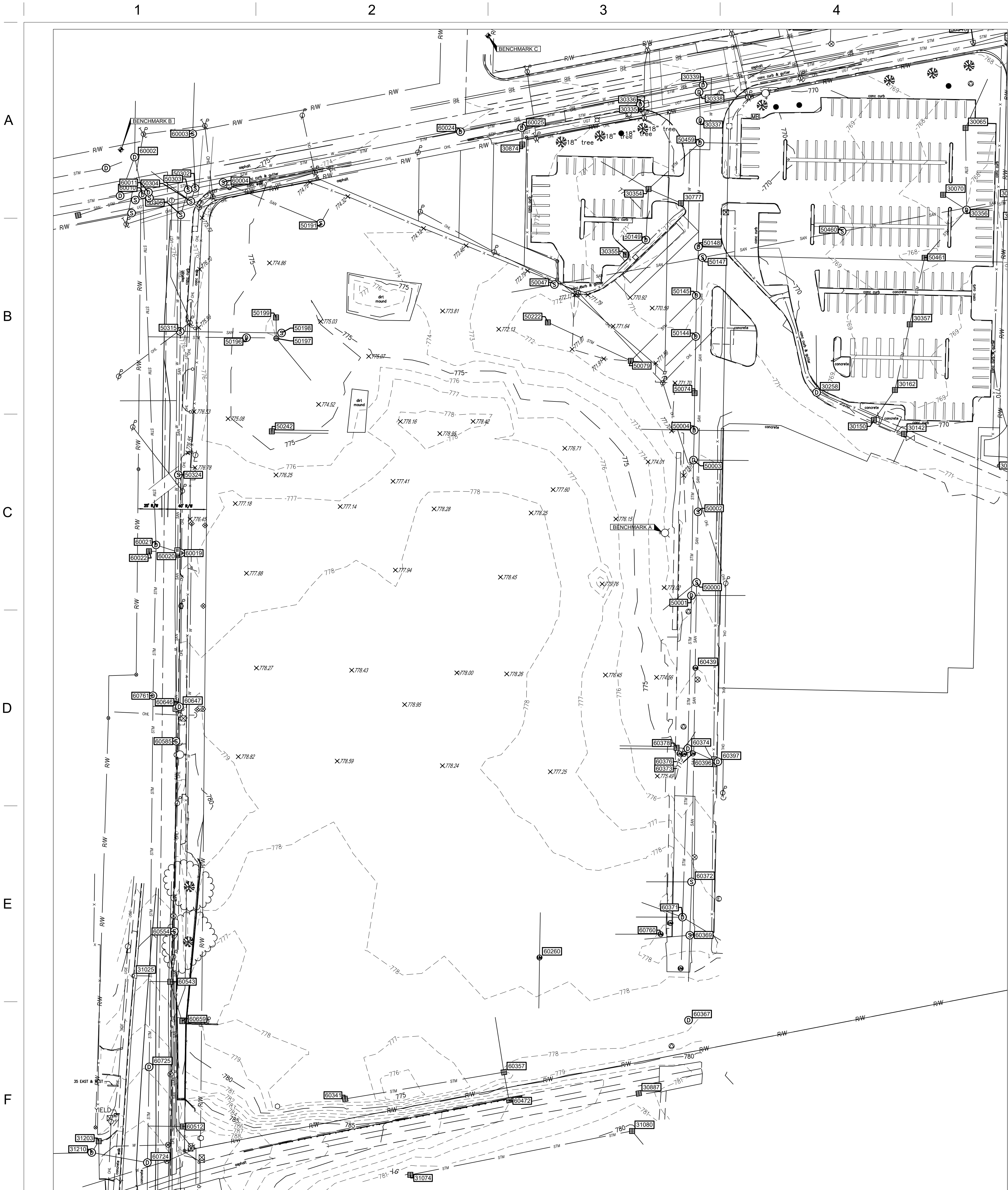
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SITE DETAILS
PHASE II

SHEET NO.

C1.0



SURVEYOR NOTES:

- Bearings based on U.S. State Plane, NAD83 Ohio South (3402) established from using the Ohio Real Time Network (RTN) provided by the Ohio Department of Transportation. Coordinates taken to ground at latitude N39°45'01.92872", longitude W84°14'19.62436", project height 669.459', ground scale factor 1.00007573185807.
- The utilities shown are located from field survey information and/or existing drawings supplied by client. The surveyor makes no guarantee that the utilities located comprise all such utilities in the area, either in service or abandoned. The surveyor further does not warrant that the utilities located are in the exact location indicated although the surveyor does certify that they are located as accurately as possible from information available. OUPS tickets referenced for this project: B407300375-00B, B407300379-00B, B407300387-00B, and B407300391-00B. For utility lines or service locations on private property CESO recommends contracting a private underground utility location service.

BENCHMARK
Vertical Datum: NAVD88
derived from GPS Observations

- BM "A": Ground "X" on "arrow" (south west, 1 of 4) bolt on fire hydrant located about 35± west of centerline of Inland Ave. and about 395± south of W. 3rd Street centerline. Elevation = 775.42'
- BM "B": Bench tie set in east side (1' above grade) of power pole located on northwest corner of Brooklyn Ave. and West 3rd Street, about 60± west of Brooklyn Ave. centerline and about 3.5' north of the curb line of West 3rd Street. Elevation = 777.45'
- BM "C": Bench tie set in southeast side (1' above concrete) of power pole #135-29r located 2' east of curb line of Shoop Ave. and about 75± north of West 3rd Street centerline. Elevation = 773.16'

SURVEY MONUMENT LEGEND

- - 5/8" Iron Pin Set w/cap CESO, Inc
- ⊙ - Iron Pin Found as Described
- ⊙ - Railroad Spike Found
- ⊙ - Monument Found as Described
- ⊙ - PK Nail/Mag Nail Found
- ⊙ - Mag Nail Set
- ⊙ - Benchmark Set
- Fnd (F) - Found
- Rec (R) - Deed
- Meas. (M) - Measured

TOPOGRAPHIC LEGEND

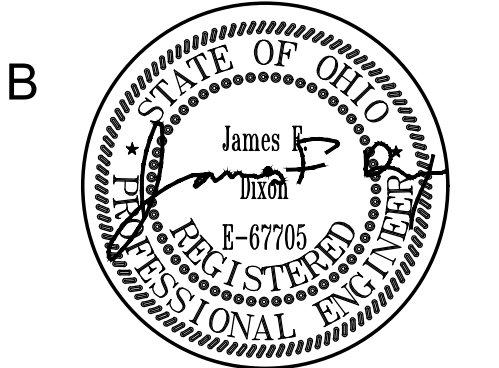
- ⊙ - Power / Telephone Pole
- ⊙ - Light Pole
- ⊙ - Power Pole
- ⊙ - Electric Box (Access)
- ⊙ - Signal Box
- ⊙ - Sanitary Manhole
- ⊙ - Storm Manhole
- ⊙ - Curb Inlet
- ⊙ - Catch Basin
- ⊙ - Signal Pole
- ⊙ - Guy Wire
- ⊙ - C - Valve Connection
- ⊙ - Fire Hydrant
- ⊙ - Telephone Manhole
- ⊙ - Bollard
- ⊙ - Catch Basin (Round)
- ⊙ - End Storm Drain
- ⊙ - Structure Number
- G - Gas Line
- W - Water Line
- UGE - Underground Electric
- UGT - Underground Communications
- OHL - Overhead Utility Line
- STM - Storm Sewer
- SAN - Sanitary Sewer
- X - Handrail
- X - Fence Line

Storm Structure Schedule

50001 - DMH RIM = 772.84 FL 15" CLAY E = 769.54 FL 15" CLAY N = 768.58 FL 15" CLAY S = 768.49	50461 - CB RIM = 767.62 FL = unable to dip	30142 - CB RIM = 769.75 FL 12" RCP NW = 767.7'	30345 - CI RIM = 768.31 FL 12" RCP NW = 764.1'	31203 - CB RIM = 772.80 FL 8" CLAY SW = 766.86 FL 8" CLAY N = 766.58 FL 8" CLAY S = 766.58
50003 - DMH RIM = 772.04 FL 12" CLAY E = 768.24 FL 15" CLAY S = 767.82 FL 15" CLAY N = 767.76	60010 - DMH RIM = 776.15 FL 24" vcp e = 770.64' FL 24" vcp w = 770.57' FL 54" brick s = 766.64' FL 54" brick n = 766.63'	30150 - CB RIM = 769.54 FL 12" RCP NW = 767.4' FL 12" RCP SE = 767.4' FL 12" NE 2.51 = 769.5'	30348 - CI RIM = 767.71 FL 12" RCP NE = 765.0'	50002 - SMH (industrial waste tank) RIM = 772.38 BOTTOM = 767.03
50004 - DMH RIM = 771.91 FL E = unable to measure FL 15" CLAY W = 768.32 FL 15" CLAY N = 768.77	60020 - curb inlet RIM = 776.14 FL 12" vcp e = 772.70' FL 54" brick s = 770.27' FL 54" brick n = 770.22'	30258 - DMH RIM = 771.20 FL 12" RCP N = 771.2' FL 12" RCP SE = 767.9'	30349 - DMH RIM = 768.39 FL 12" RCP SW = 762.9' FL 12" RCP N = 762.7' FL 24" VCP N = 762.7'	50004 - SMH RIM = 770.75 FL 8" CLAY W = 762.22 FL 8" CLAY E = 762.10 FL 8" CLAY S = 762.10
50074 - CB RIM = 771.43 FL = unable to dip	60021 - DMH RIM = 776.85 FL 12" vcp e = 772.70' FL 54" brick s = 770.27' FL 54" brick n = 770.22'	30335 - CI RIM = 771.20 FL 12" RCP N = 771.2' FL 12" RCP SE = 767.9'	30352 - DMH RIM = 770.03 FL 24" VCP N = 764.5' FL 24" VCP S = 764.5'	31224 - CB RIM = 769.05 FL 8" CLAY W = 764.5' FL 8" CLAY E = 764.5'
50079 - CB RIM = 771.48 FL NE = 769.29 FL NW = 769.20	60022 - DG inlet RIM = 776.47 FL 15" vcp e = 774.38'	30336 - DMH RIM = 770.77 FL 12" RCP S = 767.9' FL 24" VCP SE = 766.7' FL 24" VCP NE = 766.7'	30354 - CB RIM = 769.21 FL 6" PVC NW = 767.5' FL 24" VCP SE = 767.5' FL 12" RCP SE = 767.5'	60341 - CB RIM = 777.20 FILLED IN WITH DIRT
50144 - DMH RIM = 771.30 FL 12" RCP SW = 768.49 FL 18" RCP N = 767.30 FL 18" CLAY S = 767.26	60010 - DMH RIM = 776.15 FL 24" vcp e = 770.64' FL 24" vcp w = 770.57' FL 54" brick s = 766.64' FL 54" brick n = 766.63'	30337 - DMH RIM = 770.58 FL 24" VCP S = 766.8' FL 24" VCP N = 766.8'	30355 - CB RIM = 769.82 FL 12" RCP NE = 767.8'	60472 - CB RIM = 774.29 RIM = 783.02 FL 6" VCP N = 778.5'
50145 - DMH RIM = 770.89 FL RCP SW = 767.82 FL 18" RCP N = 767.07 FL 18" RCP S = 767.07	60020 - curb inlet RIM = 776.14 FL 12" vcp w = 773.18'	30338 - DMH RIM = 770.49 FL 24" VCP S = 766.4' FL 24" VCP NE = 766.2' FL 24" VCP SW = 766.0' FL 24" RCP NE = 766.0'	30777 - CB RIM = 770.37 FL 12" RCP NW = 768.0'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
50148 - DMH RIM = 770.85 FL 12" RCP E = 768.02 FL 18" RCP N = 766.90 FL 18" RCP S = 766.90	60021 - DMH RIM = 776.85 FL 12" vcp e = 772.70' FL 54" brick s = 770.27' FL 54" brick n = 770.22'	60022 - DG inlet RIM = 776.47 FL 15" vcp e = 774.38'	30934 - CI RIM = 787.29 FL 12" CPP W = 782.5' FL 12" CPP E = 782.5'	60341 - CB RIM = 777.20 FILLED IN WITH DIRT
50196 - DMH RIM = 774.78 DIPPED TO DEBRIS = 770.1±	60374 - DMH RIM = 775.21 FL 12" vcp w = 769.61 FL 12" vcp e = 769.59 FL 15" vcp s = 769.50 FL 15" vcp n = 769.23	60375 - DMH RIM = 776.66 FL 12" RCO NE = 765.3'	30957 - DMH RIM = 787.76 FL 12" CPP E = 783.8' FL 12" CPP NE = 783.8'	60472 - CB RIM = 774.29 RIM = 783.02 FL 6" VCP N = 778.5'
50199 - CB RIM = 774.41 FL 12" CLAY S = 771.71	60378 - CB RIM = 774.73 FL 6" steel w = 772.88 FL 6" steel w = 772.78 FL 12" vcp e = 772.12	60761 - DMH RIM = 779.00 FL 54" brick n+s = 771.73	30986 - DMH RIM = 787.43 FL 18" CPP W = 778.2' FL 54" BRICK N = 778.2' FL 54" BRICK S = 778.2'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
50222 - CB RIM = 771.41 FL SE = 769.76	60761 - DMH RIM = 779.00 FL 54" brick n+s = 771.73	60387 - CB RIM = 775.21 FL 12" vcp s = 772.87 FL 12" pvc w = 772.69 FL 12" pvc n = 772.68	30343 - DMH RIM = 769.97 FL 24" VCP S = 762.2' FL 24" VCP N = 761.6'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
50459 - DMH RIM = 770.77 FL 12" RCP SW = 767.28 FL 12" RCP N = 767.02 FL 18" RCP S = 767.02 FL 12" RCP E = 767.00	60387 - MH (dry well?) RIM = 776.41 gravel bottom = 770.2 no visible inlet or outlet	30344 - DMH RIM = 767.12 FL 12" RCP SE = 762.8' FL 12" RCP SW = 762.7' FL 24" VCP N = 761.8' FL 24" VCP S = 761.8'	31074 - CB RIM = 779.77 FL 12" CPP NE = 777.4'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
			31080 - CB RIM = 779.72 FL 12" CPP SW = 776.5' FL 12" CPP SE = 776.5'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
			31121 - CI RIM = 787.23 FL 12" CPP NW = 783.2'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'
			31127 - CB RIM = 788.54 FL 12" CPP SE = 782.6' FL 18" CPP E = 782.2'	60512 - CB GRATES MISSING RIM = 787.36 FL 12" RCP W = 784.6'

Sanitary Structure Schedule

50000 - SMH RIM = 772.80 FL 8" CLAY SW = 766.86 FL 8" CLAY N = 766.58 FL 8" CLAY S = 766.58	50002 - SMH (industrial waste tank) RIM = 772.38 BOTTOM = 767.03	50047 - SMH RIM = 770.75 FL 8" CLAY W = 762.22 FL 8" CLAY E = 762.10 FL 8" CLAY S = 762.10	50147 - SMH RIM = 770.88 FL 8" CLAY S = 764.07 FL 8" CLAY W = 761.90 FL 8" CLAY E = 761.77	50191 - MH RIM = 774.41 DIPPED TO DEBRIS = 767.2± FL W+NE unable to determine
50198 - SMH RIM = 774.29 DIPPED TO DEBRIS = 771.4± FL 8" CAST IRON W = 775.44	50302 - SMH RIM = 775.44 10" vcp s = 768.91 8" vcp e+w = 767.58 12" vcp n = 767.40	50303 - SMH RIM = 775.52 8" vcp e+w = 767.58 8" vcp s = 767.91 8" vcp e+w = 767.58	50304 - SMH RIM = 775.28 8" vcp s = 768.48 10" vcp n = 768.24	50305 - SMH RIM = 775.99 FL 8" nylon lining E = 769.45 FL 8" VCP S = 768.86 FL 8" nylon lining N = 768.63
50324 - SMH RIM = 776.38 FL 8" VCP N = 769.20 FL 8" VCP S = 769.20	50460 - SMH RIM = 769.17 FL 8" CLAY W = 760.86 FL 8" CLAY E = 760.82 60004 - SMH (?) paved over, unable to open			



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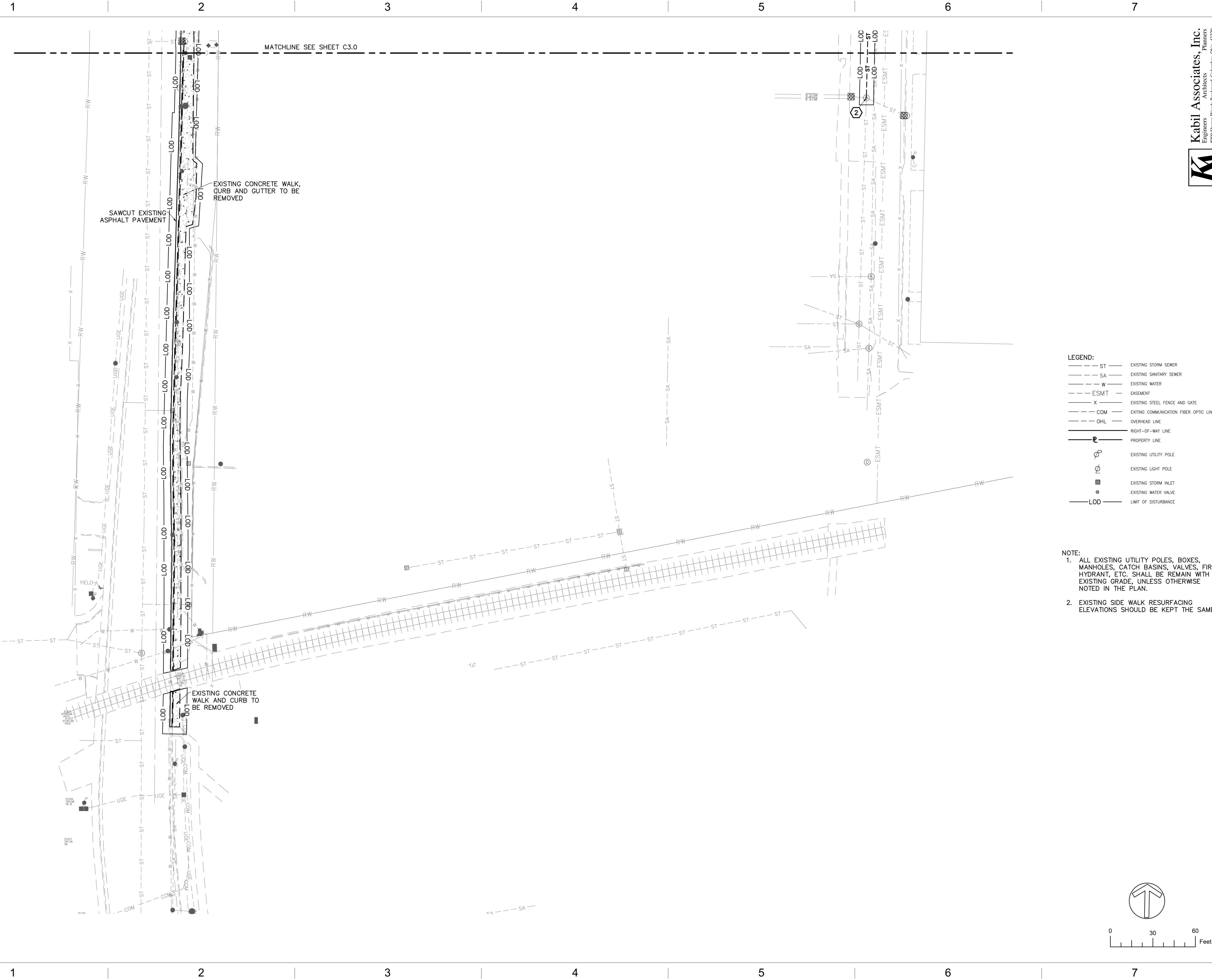
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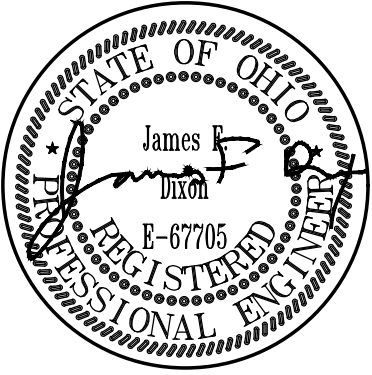
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TITLE
**SITE PREPARATION
PLAN PHASE II**

SHEET NO.

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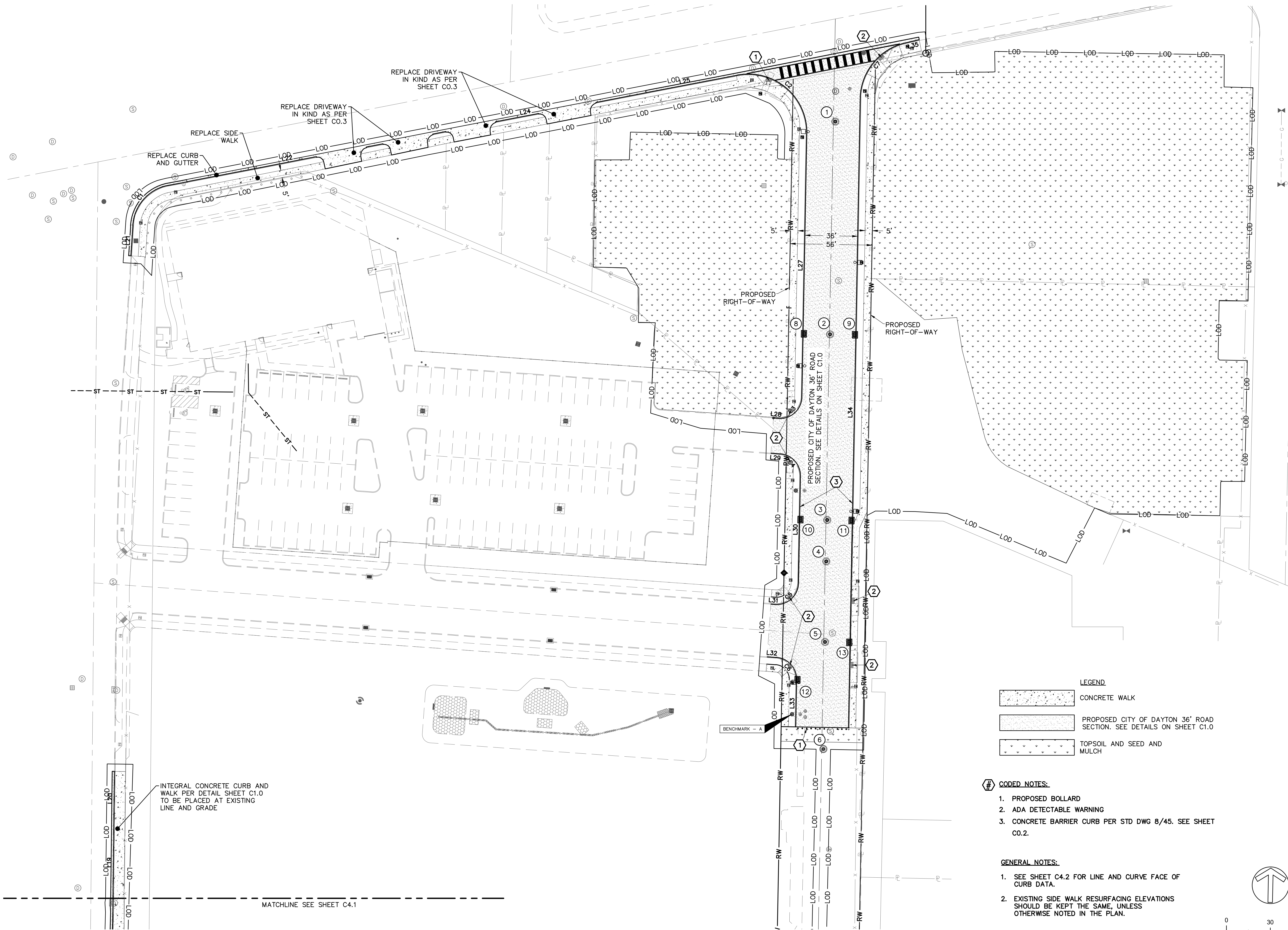
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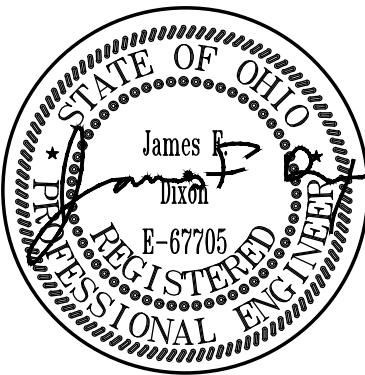
- LEGEND
- CONCRETE WALK
 - PROPOSED CITY OF DAYTON 36' ROAD SECTION. SEE DETAILS ON SHEET C1.0
 - TOPSOIL AND SEED AND MULCH

- CODED NOTES:**
- PROPOSED BOLLARD
 - ADA DETECTABLE WARNING
 - CONCRETE BARRIER CURB PER STD DWG 8/45. SEE SHEET C0.2.

- GENERAL NOTES:**
- SEE SHEET C4.2 FOR LINE AND CURVE FACE OF CURB DATA.
 - EXISTING SIDE WALK RESURFACING ELEVATIONS SHOULD BE KEPT THE SAME, UNLESS OTHERWISE NOTED IN THE PLAN.

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TITLE
**SITE PLAN
PHASE II**

SHEET NO.

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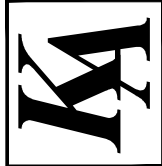
FACE OF CURB DATA

Curve Table				Center Point Table		
Curve #	Length	Radius	Delta	Point #	Northing	Easting
C1	39.307	29.764	39.31	1	642625.61	1479355.85
C2	71.337	40.000	71.34	2	642690.85	1479746.81
C3	24.605	15.000	24.60	3	642510.56	1479768.45
C4	22.537	15.000	22.54	4	642456.45	1479767.44
C5	24.335	15.000	24.34	5	642383.47	1479766.08
C6	22.787	15.000	22.79	6	642317.39	1479764.84
C7	51.463	40.000	51.46	7	642713.20	1479863.23

FACE OF CURB DATA

Line Table					
Line #	Length	Start Northing	Start Easting	End Northing	End Easting
L1	25.070	641706.094	1479305.057	641681.028	1479304.601
L2	9.373	641720.995	1479305.078	641730.366	1479305.243
L3	38.374	641730.366	1479305.243	641768.739	1479305.564
L4	22.489	641778.380	1479305.743	641800.867	1479306.059
L5	30.023	641811.581	1479306.005	641841.599	1479305.444
L6	7.145	641841.599	1479305.444	641848.743	1479305.326
L7	2.394	641848.748	1479305.821	641851.142	1479305.793
L8	28.240	641851.139	1479305.298	641879.378	1479305.034
L9	6.587	641879.378	1479305.034	641885.965	1479305.072
L10	15.525	641885.965	1479305.072	641901.484	1479305.492
L11	5.370	641901.484	1479305.492	641906.852	1479305.620
L12	39.789	641906.852	1479305.620	641946.630	1479306.536
L13	52.721	641946.630	1479306.536	641999.328	1479308.082
L14	37.949	642029.498	1479308.937	642067.433	1479309.983
L15	26.499	642067.433	1479309.983	642093.917	1479310.877
L16	31.525	642109.309	1479311.245	642140.825	1479311.998
L19	50.440	642167.038	1479312.474	642217.475	1479313.050
L20	37.044	642217.475	1479313.050	642254.516	1479313.539
L21	20.378	642606.678	1479324.802	642627.014	1479326.119
L22	35.696	642667.250	1479414.616	642674.074	1479449.654
L24	17.437	642700.680	1479586.388	642703.934	1479603.519
L25	50.312	642718.609	1479679.195	642728.047	1479728.614
L27	179.860	642510.277	1479783.447	642690.106	1479786.803
L28	3.169	642495.895	1479763.971	642495.615	1479767.128
L29	6.481	642471.391	1479768.743	642471.954	1479762.286
L30	72.991	642383.189	1479781.075	642456.167	1479782.437
L31	2.866	642368.707	1479762.166	642368.506	1479765.025
L32	6.276	642332.796	1479759.638	642332.355	1479765.898
L33	32.194	642284.924	1479779.241	642317.112	1479779.842
L34	431.182	642284.252	1479815.235	642715.360	1479823.280
L35	9.765	642754.386	1479863.590	642752.155	1479854.083

NOTE: CONCRETE BARRIER CURB PER STD DWG 8/45. SEE SHEET C0.2.



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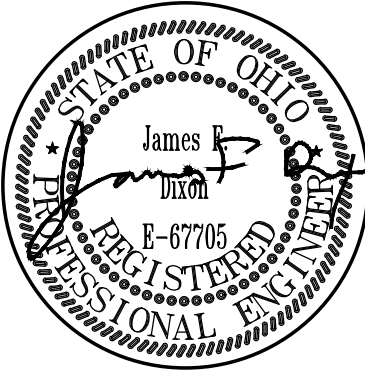
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TITLE
**SITE PLAN DETAILS
PHASE II**

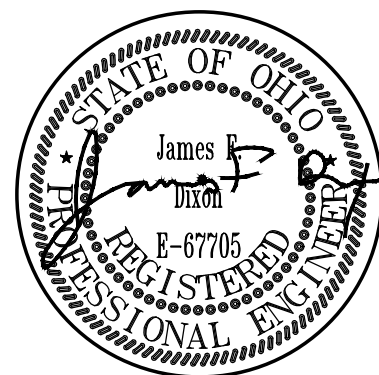
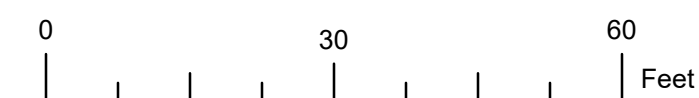
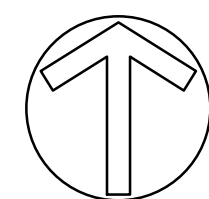
SHEET NO.

C4.2



NOTES: PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL IDENTIFY, LOCATE, AND VERIFY THE POSITION, DEPTH OF WATER SERVICE LINE AND CONTACT CONTACT CHRIS HOLMES AT 937-333-3725 FOR ESTIMATES AND TO SET UP WORK ORDERS FOR CUT AND PLUGS AND ALL UTILITY CONNECTIONS.

- #



CITY OF DAYTON

NEW! DESIGN PATROL DIGI

10 Abbey Ave, Dayton, Ohio 45417

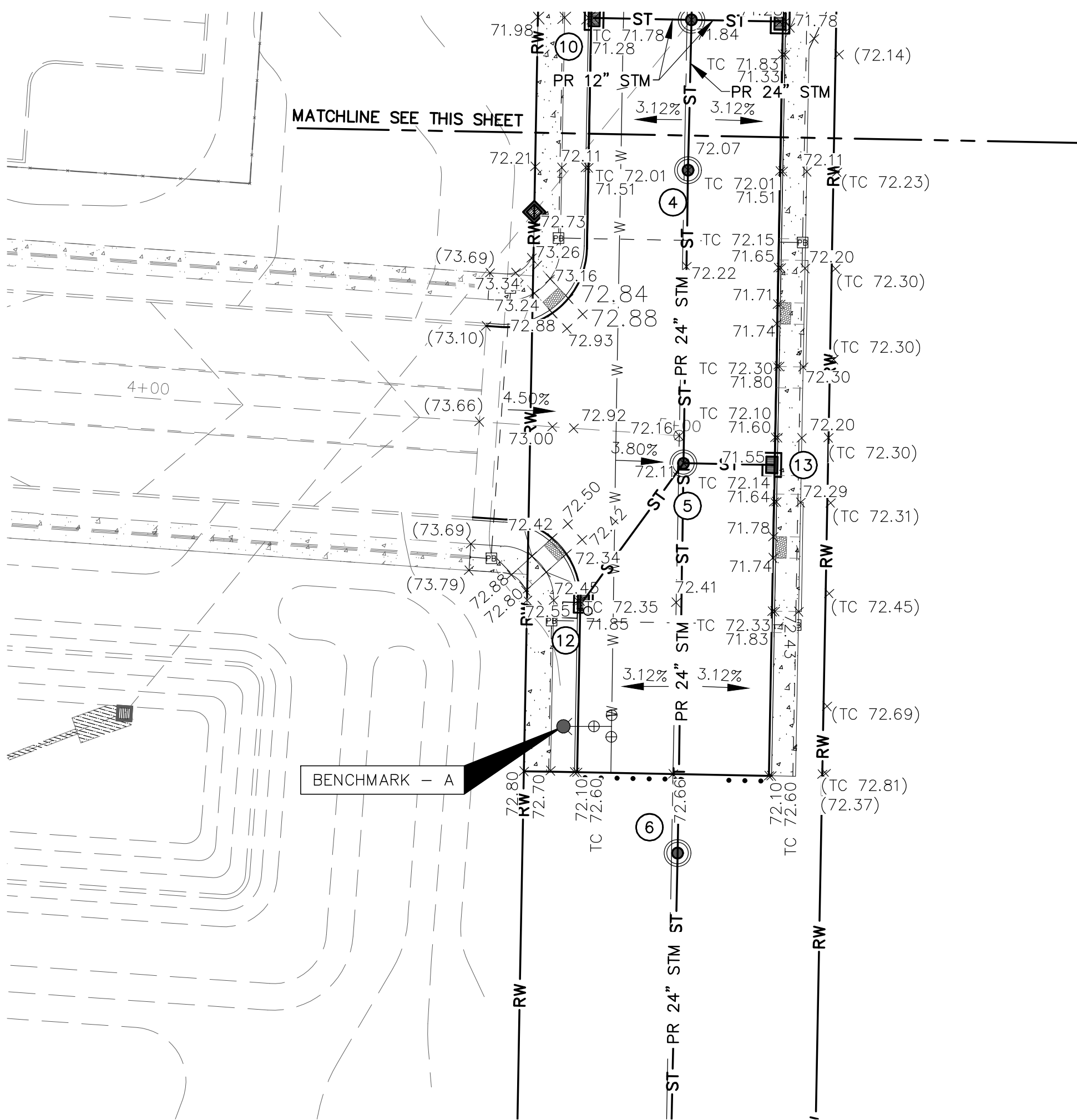
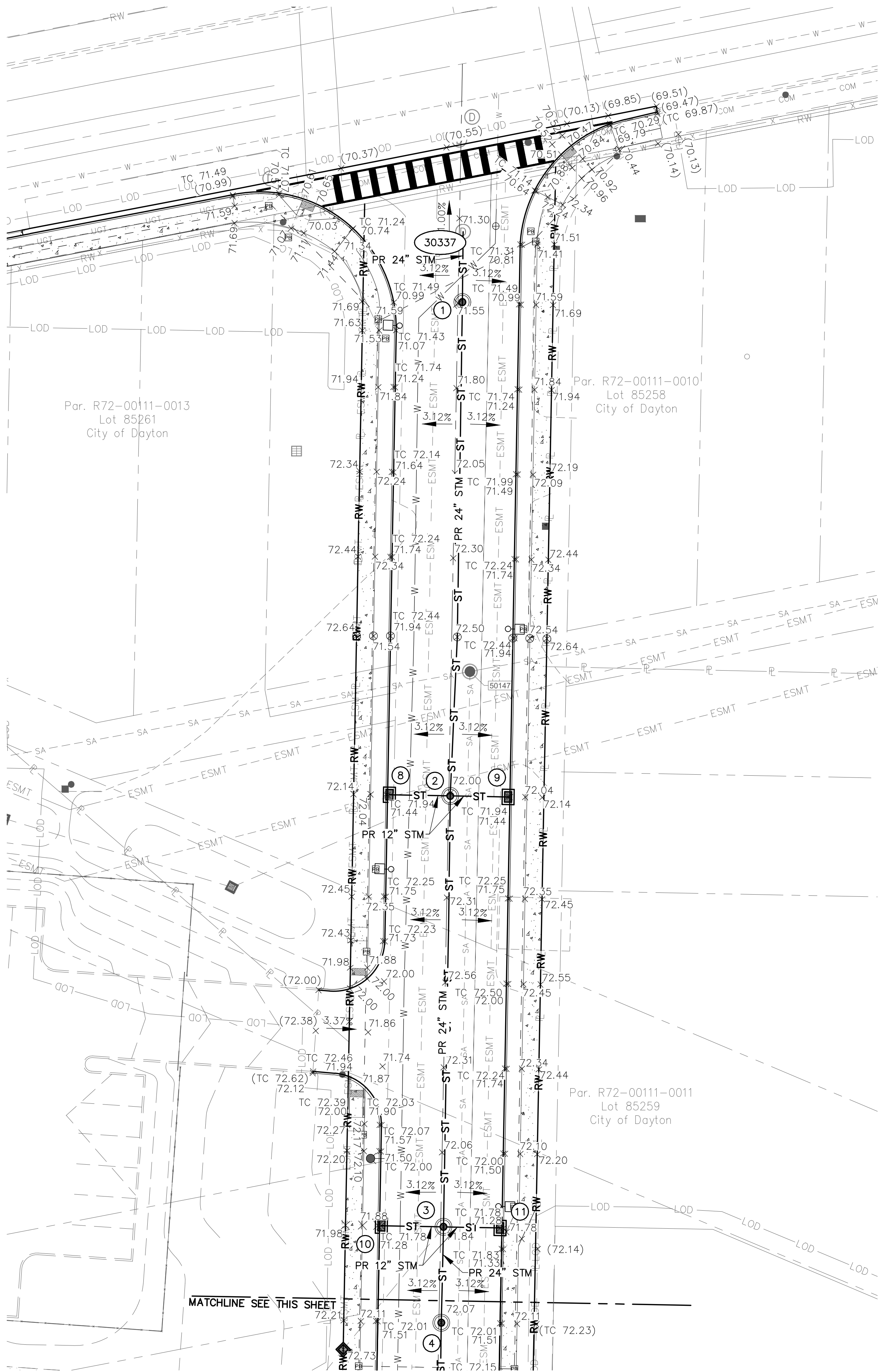
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TITLE	
UTILITY PLAN PHASE II	

SHEET NO.

C5.0

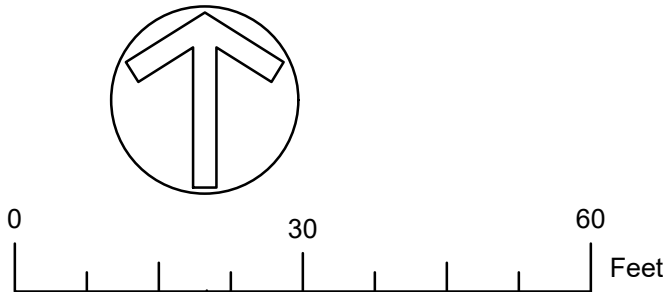
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STORM STRUCTURE TABLE							
NUMBER	TYPE	RIM	NORTHING	EASTING	AS-BUILT		
					RIM	NORTHING	EASTING
30337	EXISTING MANHOLE 30337				771.05	642719.4568	1479809.7350
1	MANHOLE TYPE A PER G-3	771.05	642698.4087	1479806.1780			
2	MANHOLE TYPE A PER G-3	71.70	642553.8475	1479802.6995			
3	CURB INLET - CB NO.3A PER ST-5	771.31	642554.5043	1479788.0246			
4	CURB INLET - CB NO.3A PER ST-5	771.31	642553.5355	1479819.7674			
5	MANHOLE TYPE A PER G-3	771.62	642426.1759	1479800.7085			
6	CURB INLET - CB NO.3A PER ST-5	771.06	642426.5355	1479782.3913			
7	CURB INLET - CB NO.3A PER ST-5	771.06	642425.8823	1479817.3927			
8	MANHOLE TYPE A PER G-3	771.87	642397.9629	1479800.0565			
9	MANHOLE TYPE A PER G-3	772	642297.8366	1479798.5273			
10	CURB INLET - CB NO.3A PER ST-5	772.16	642298.1789	1479779.9853			
11	CURB INLET - CB NO.3A PER ST-5	771.69	642297.5260	1479814.9896			
12	MANHOLE TYPE A PER G-3	772.84	642269.7400	1479798.1010			
13	MANHOLE TYPE A PER G-3	774.73	642124.8494	1479794.7629			
14	CATCH BASIN ST-02	773.00	642390.0907	1479771.2018			


LEGEND:
XX.XX PROPOSED SPOT GRADE
(XX.XX) MEET EXISTING ELEVATION
XX.XX TC TOP OF CURB ELEVATION

NOTE:
1. ADD 700 TO ALL ELEVATIONS
2. ALL ELEVATIONS TOP OF PAVEMENT/GROUND UNLESS OTHERWISE NOTED.



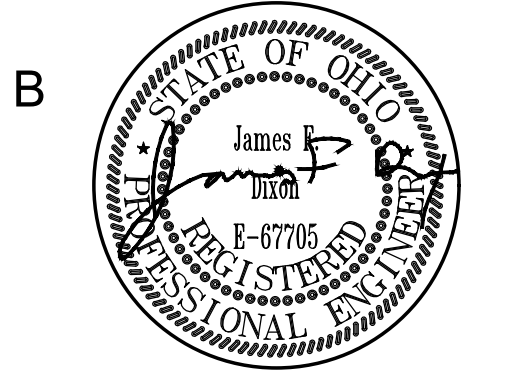


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GRADING PLAN PHASE II	

A

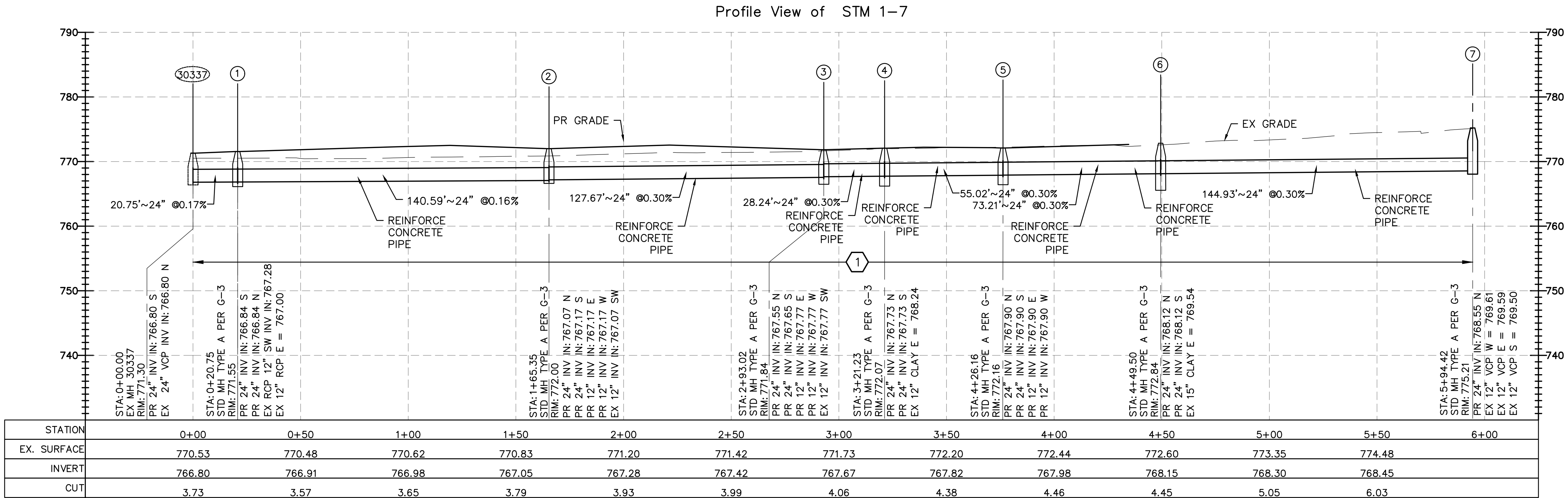
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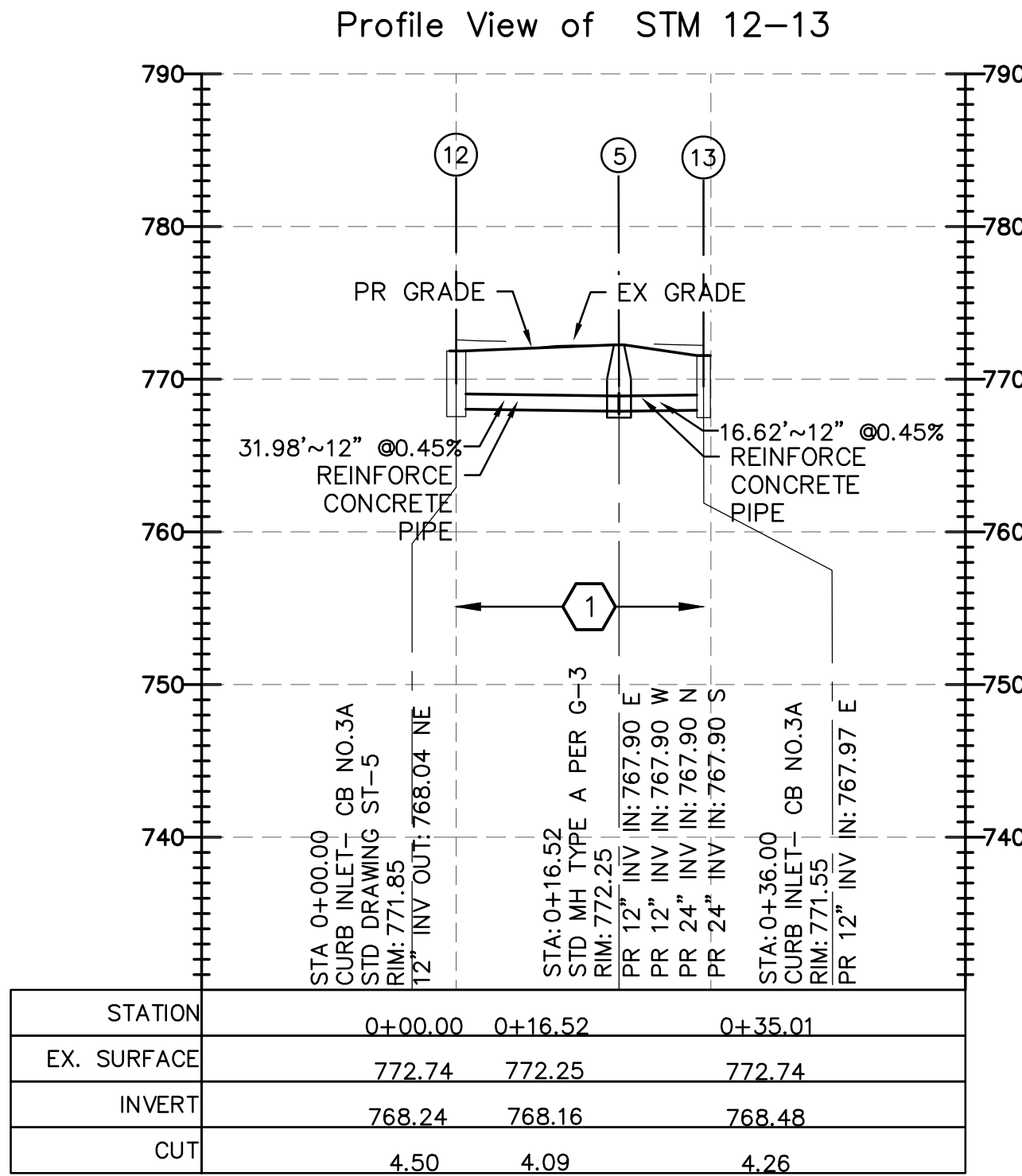
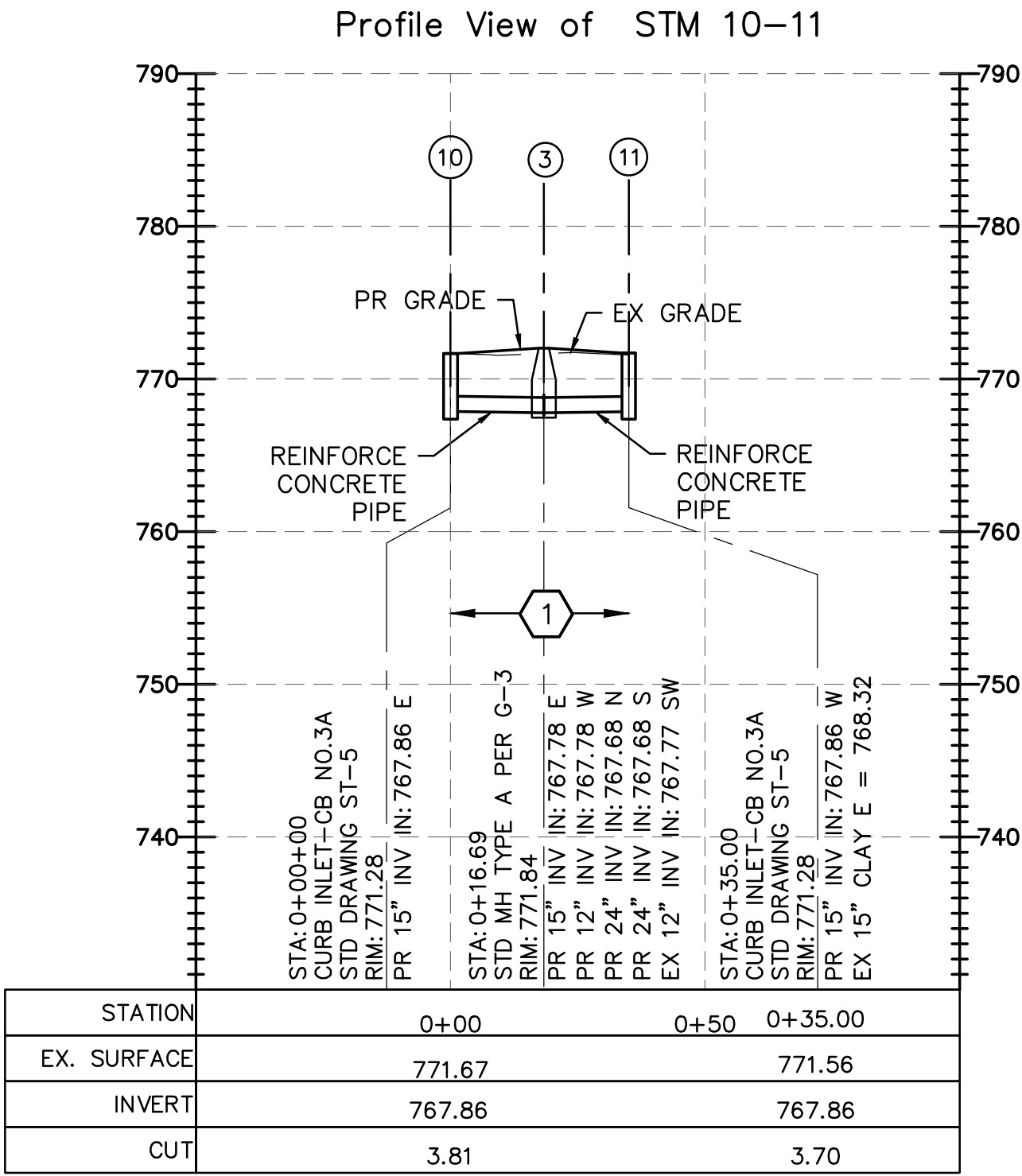
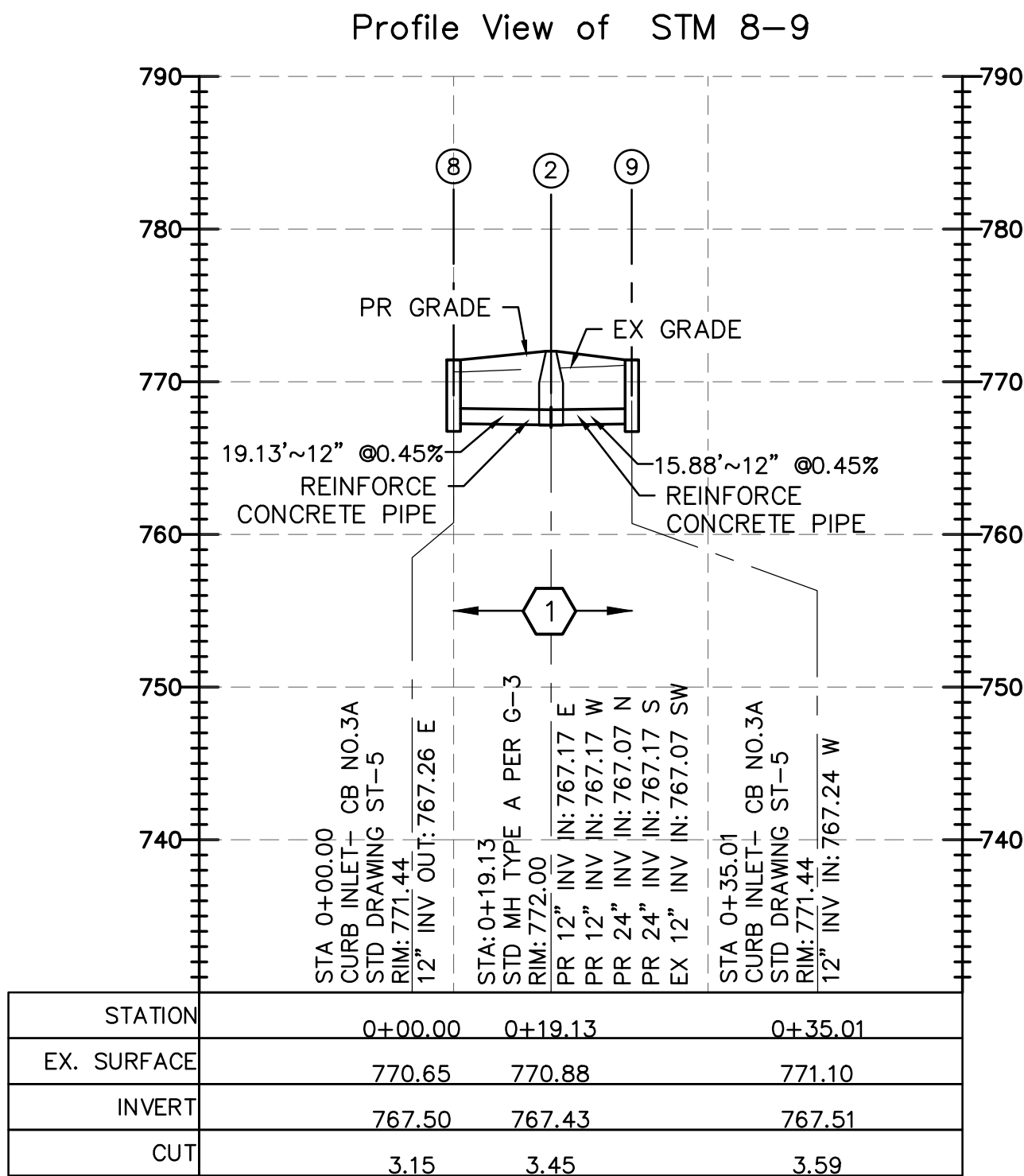
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HORIZONTAL SCALE 1"=30'
VERTICAL SCALE: 1"=10'

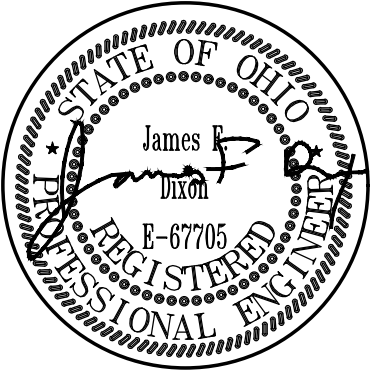
CODED NOTES:

1 COMPACTED GRANULAR BACKFILL PER ITEM 813.



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TITLE
STORM WATER PROFILE
PHASE II

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C7.0

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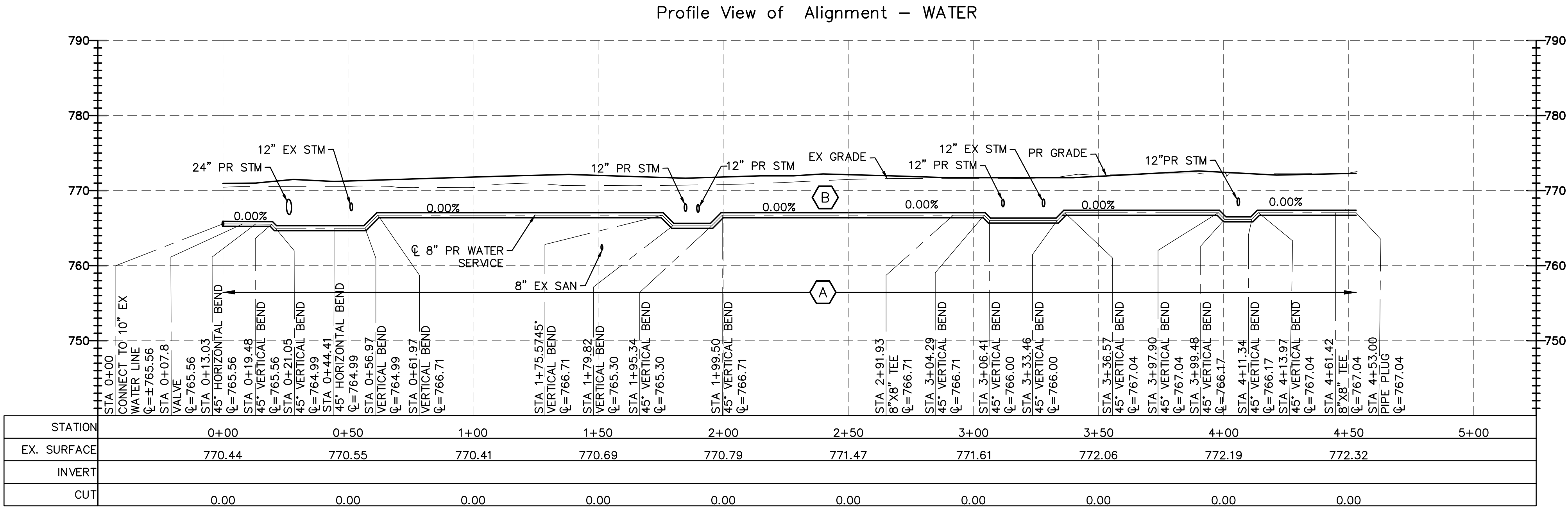
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- (A) COMPACTED GRANULAR BACKFILL, PER ITEM 813
- (B) MINIMUM 4.5' VERTICAL CLEARANCE BETWEEN PROPOSED SERVICE LINE AND PROPOSED SURFACE.

NOTE: PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL IDENTIFY, LOCATE, AND VERIFY THE POSITION, DEPTH OF ALL EXISTING UNDERGROUND WATER SERVICE LINE WITHIN THE WORK AREA. THE CONTRACTOR SHALL NEED TO CONTACT THE CITY OF DAYTON, DEPARTMENT OF WATER, CONSTRUCTION INSPECTION, 320 WEST MONUMENT AVE., DAYTON, OHIO 45402, AT 937-333-3725 PRIOR TO BEGINNING WATER SERVICE WORK.

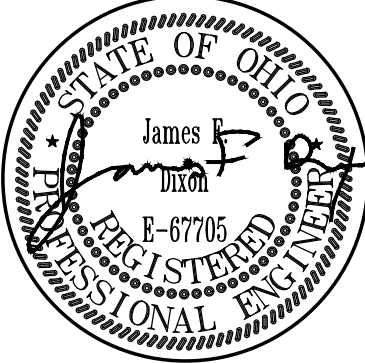


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TITLE
**WATER SERVICE PROFILE
PHASE II**

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C8.0

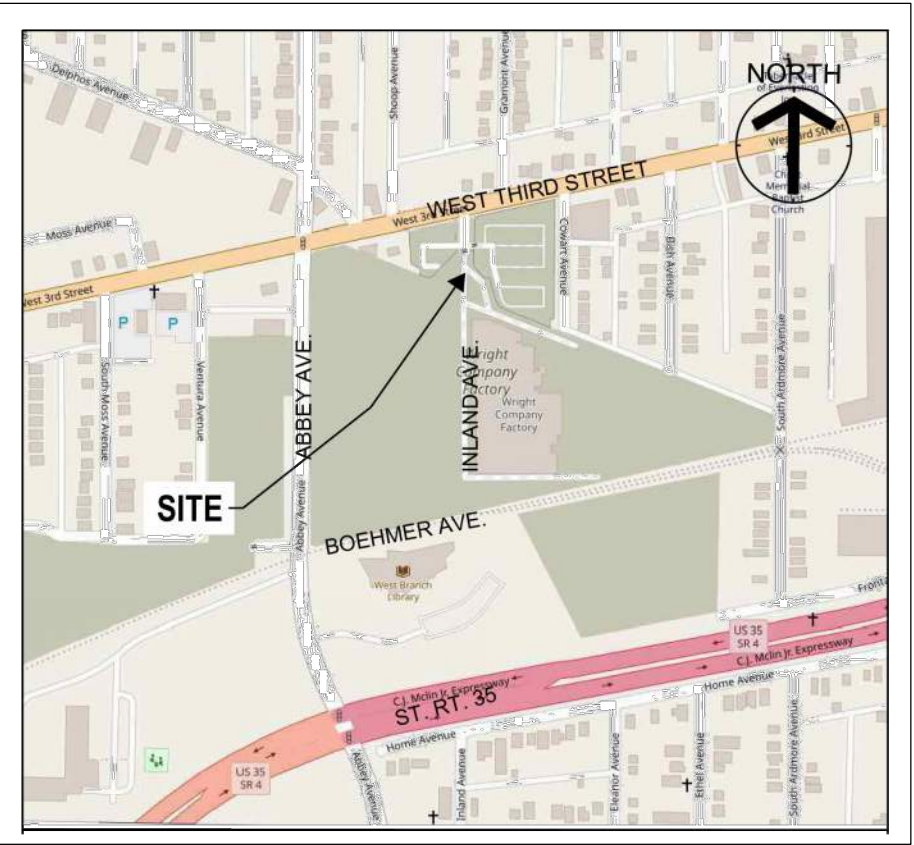
CITY OF DAYTON, OHIO

STORM WATER POLLUTION PREVENTION PLAN

FOR

NEW POLICE STATION WEST

INLAND AVENUE
DAYTON, OHIO



LOCATION MAP
NOT TO SCALE

FEMA FLOODPLAIN DATA

ACCORDING TO THE FEMA FLOOD MAP SERVICE CENTER, THE SUBJECT PARCEL IS LOCATED WITHIN ZONE X (AREA OF MINIMAL FLOOD HAZARD) AS INDICATED BY FEMA MAP NUMBER 39113C0163E WITH AN EFFECTIVE DATE OF JANUARY 6, 2005.

SITE DATA	
PARCEL ID	R27-00111-0012
PARCEL AREA	15.78 ACRES
PROJECT AREA	3.51 ACRES
DISTURBED AREA WITHIN PROPERTY	2.46 ACRES
DISTURBED AREA WITHIN RIGHT-OF-WAY	1.05 ACRES
TOTAL DISTURBED AREA	3.51 ACRES
EXISTING IMPERVIOUS AREA	2.56 ACRES
EXISTING PERCENT IMPERVIOUS AREA	73%
PROPOSED IMPERVIOUS AREA	0.68 ACRES
PROPOSED PERCENT IMPERVIOUS AREA	19%

SURVEYOR NOTES:

- BEARINGS BASED ON U.S. STATE PLANE, NAD83 OHIO SOUTH (3402) ESTABLISHED FROM USING THE OHIO REAL TIME NETWORK (RTN) PROVIDED BY THE OHIO DEPARTMENT OF TRANSPORTATION. COORDINATES TAKEN TO GROUND AT LATITUDE N39°45'01.92872", LONGITUDE W84°14'19.62436", PROJECT HEIGHT 669.459', GROUND SCALE FACTOR 1.00007573185807.
- THE UTILITIES SHOWN ARE LOCATED FROM FIELD SURVEY INFORMATION AND/OR EXISTING DRAWINGS SUPPLIED BY CLIENT. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES LOCATED COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UTILITIES LOCATED ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. OUPS TICKETS REFERENCED FOR THIS PROJECT: B407300375-00B, B407300379-00B, B407300387-00B, AND B407300391-00B. FOR UTILITY LINES OR SERVICE LOCATIONS ON PRIVATE PROPERTY CESO RECOMMENDS CONTRACTING A PRIVATE UNDERGROUND UTILITY LOCATION SERVICE.

BENCHMARK
Vertical Datum: NAVD88
derived from GPS Observations

BM "A":	GROUND "X" ON "ARROW" (SOUTH WEST, 1 OF 4) BOLT ON FIRE HYDRANT LOCATED ABOUT 35'± WEST OF CENTERLINE OF INLAND AVE. AND ABOUT 395'± SOUTH OF W. 3RD STREET CENTERLINE. ELEVATION = 775.42'
BM "B":	BENCH TIE SET IN EAST SIDE (1' ABOVE GRADE) OF POWER POLE LOCATED ON NORTHWEST CORNER OF BROOKLYN AVE. AND WEST 3RD STREET, ABOUT 60'± WEST OF BROOKLYN AVE. CENTERLINE AND ABOUT 3.5' NORTH OF THE CURB LINE OF WEST 3RD STREET. ELEVATION = 777.45'
BM "C":	BENCH TIE SET IN SOUTHEAST SIDE (1' ABOVE CONCRETE) OF POWER POLE #135-29R LOCATED 2' EAST OF CURB LINE OF SHOOP AVE. AND ABOUT 75'± NORTH OF WEST 3RD STREET CENTERLINE. ELEVATION = 773.16'

SURVEYOR

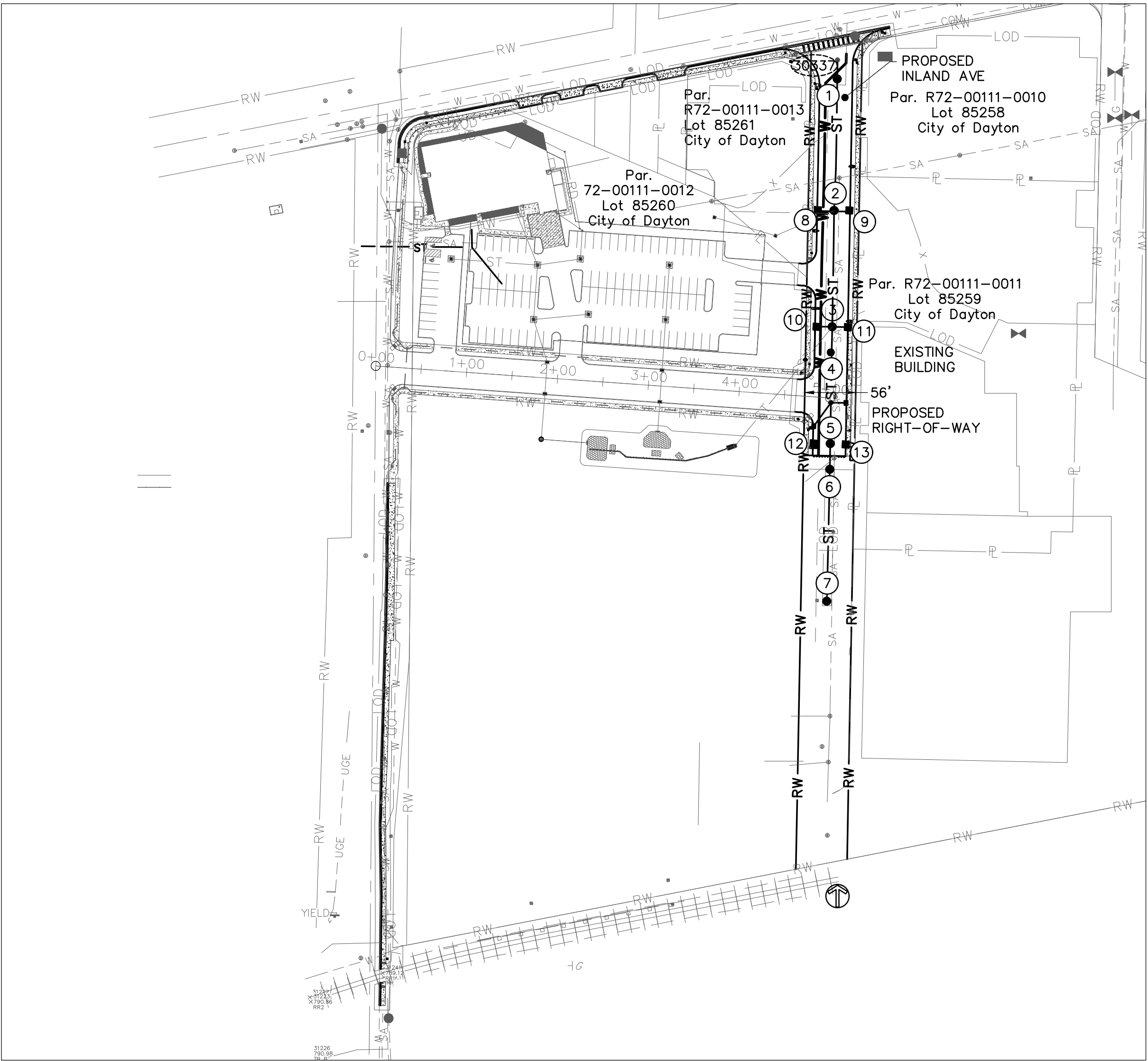
CESO
3601 RIGBY ROAD, SUITE 300
MIAMISBURG, OH 45342
CONTACT: RICK CROSS
PHONE: (937) 848-0585

ENGINEER

KABIL ASSOCIATES
5900 SHARON WOODS BLVD
COLUMBUS, OH 43229
CONTACT: JEFF EDWARDS
PHONE: (614) 899-6707
EMAIL: jedwards@kabil.com

OWNER

CITY OF DAYTON, OHIO
CONTACT: DAVID ESCOBAR
PHONE: 937-333-3849
EMAIL: WWW.DAYTONOHIO.GOV



INDEX MAP
SCALE: 1"=100'



SHEET INDEX	
SHEET NUMBER	SHEET TITLE
C9.0	SWPPP TITLE SHEET
C9.1	SWPPP GENERAL EROSION CONTROL NOTES AND DETAILS
C9.2-C9.3	SWPPP SITE EROSION CONTROL PLAN

CITY OF DAYTON

NEW POLICE STATION WEST
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SITE PACKAGE II - INLAND AVE.

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SWPPP TITLE SHEET PHASE II	
SHEET NO.	

C9.0

BIODEGRADABLE FILTER BAG

SIGN

MINIMUM

5' MINIMUM

HOLLOW OUT, AREA 6" MINIMUM

8' MINIMUM

CONCRETE WASHOUT AREA

SOIL BERM

FILL 4" WITH NO. 57 AGGREGATE UNDER BIODEGRADABLE FILTER BAG.

SILT FENCE, SEE DETAIL THIS SHEET

THE USE OF PORTABLE CONCRETE WASHOUT UNITS IS APPROVED (AND ENCOURAGED) FOR ALL CONSTRUCTION AREAS IN THE CITY OF DAYTON.

THE EXACT LOCATION OF THE CONCRETE WASHOUT(S) MAY BE FIELD LOCATED BY THE ON-SITE PROJECT ENGINEER/CONTACT. APPLIES TO ALL SWP3 PLAN REVIEW PAGES.

TYPICAL CONCRETE WASHOUT DETAIL

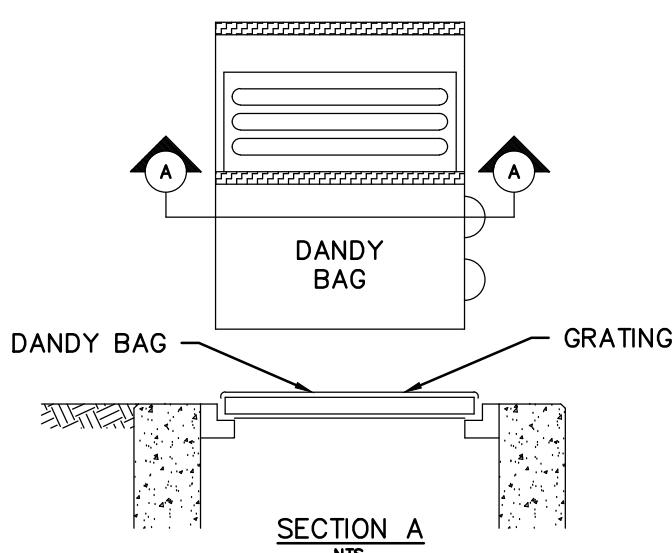
N.T.S.

THE DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE CITY'S SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF DAYTON REGULATIONS. THE CONTRACTOR WILL BE

TYPICAL SILT FENCE DETAIL
N.T.S.

The diagram illustrates a pump-and-tie-down method for sediment control. On the left, a box labeled 'WATER PUMP' has two vertical lines above it labeled 'MUDDY WATER IN'. A horizontal line labeled 'TIE-DOWN STRAP' connects the pump to a large rectangular area on the right. This area is labeled 'SEDIMENT BAG / DE-WATERING BAG' and contains a stippled pattern. Above the tie-down strap, the word 'FLOW' is written. To the right of the bag, a vertical line is labeled 'PUMP DISCHARGE HOSE'. Below the bag, the text 'DRAIN OVER VEGETATED AREA (WHERE POSSIBLE)' is written. Arrows indicate the flow of water from the pump, through the tie-down strap, into the sediment bag, and then out of the bag over the vegetated area.

TYPICAL DEWATERING BAG DETAIL

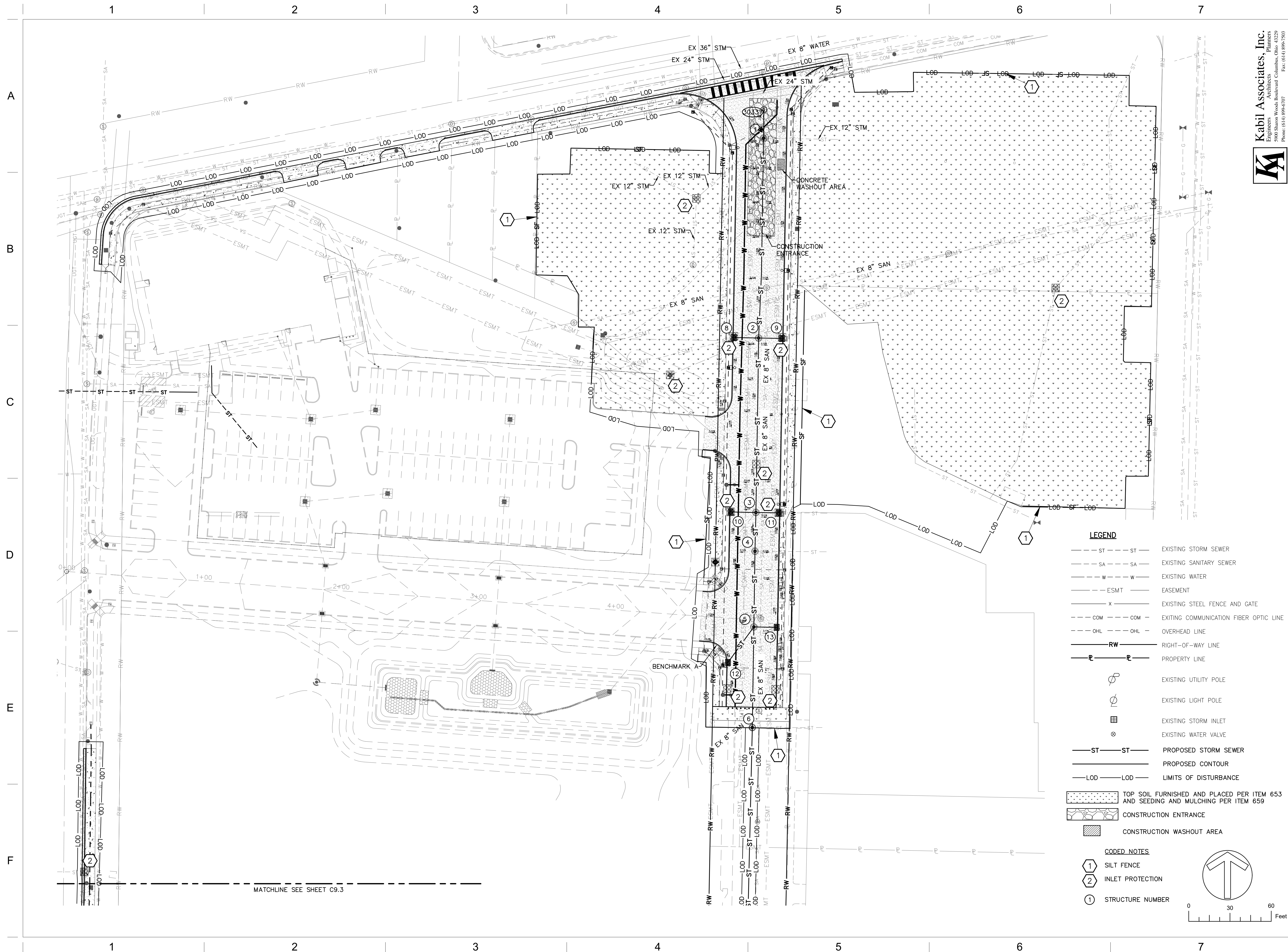


TYPICAL DANDY BAG DETAIL
N.T.S.

3. DISCHARGE HOSES USED DURING PUMPING ACTIVITIES SHALL BE FITTED WITH SEDIMENT BAGS THAT ARE PROPERLY SIZED PER MANUFACTURE'S RECOMMENDATION REGARDLESS OF WHAT OTHER SEDIMENT CONTROLS ARE IN PLACE FURTHER DOWNSTREAM. SEDIMENT BAGS MUST BE PROPERLY SECURED TO THE DISCHARGE HOSE AND PLACED OVER VEGETATED AREAS, WHERE FEASIBLE, DURING DISCHARGE. SEE DETAILS BELOW OF A TYPICAL SEDIMENT BAG INSTALLATION.

PERMANENT STABILIZATION	
AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS THAT WILL LIE DORMANT FOR ONE YEAR OR MORE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE STATE AND AT FINAL GRADE	WITHIN TWO DAYS OF REACHING FINAL GRADE
OTHER AREAS AT FINAL GRADE	WITHIN SEVEN DAYS OF REACHING FINAL GRADE WITHIN THAT AREA
TEMPORARY STABILIZATION	
AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY EROSION CONTROLS
ANY AREAS WITHIN 50 FEET OF A SURFACE WATER OF THE	WITHIN TWO DAYS OF THE MOST RECENT DISTURBANCE IF THE AREA WILL REMAIN IDLE FOR MORE THAN 14 DAYS
ANY DISTURBED AREAS THAT WILL BE DORMANT FOR MORE THAN 14 DAYS BUT LESS THAN ONE YEAR, AND NOT WITHIN 50 FEET OF A SURFACE WATER OF THE STATE	WITHIN SEVEN DAYS OF THE MOST RECENT DISTURBANCE WITHIN THE AREA.
DISTURBED AREAS THAT WILL BE IDLE OVER WINTER	PRIOR TO THE ONSET OF WINTER WEATHER

TYPICAL DANDY BAG DETAIL
N.T.S.



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TITLE
**SWPPP SITE EROSION
CONTROL PLAN PHASE II**

SHEET NO

C9.2

A
B
C
D
E
F

1

2

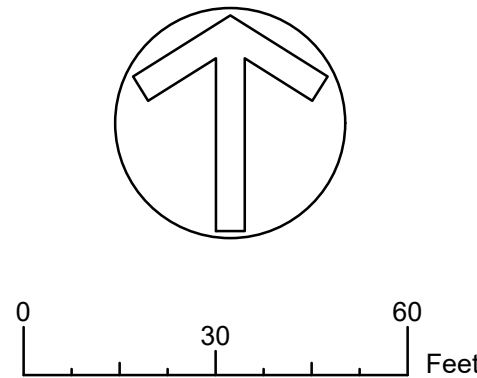
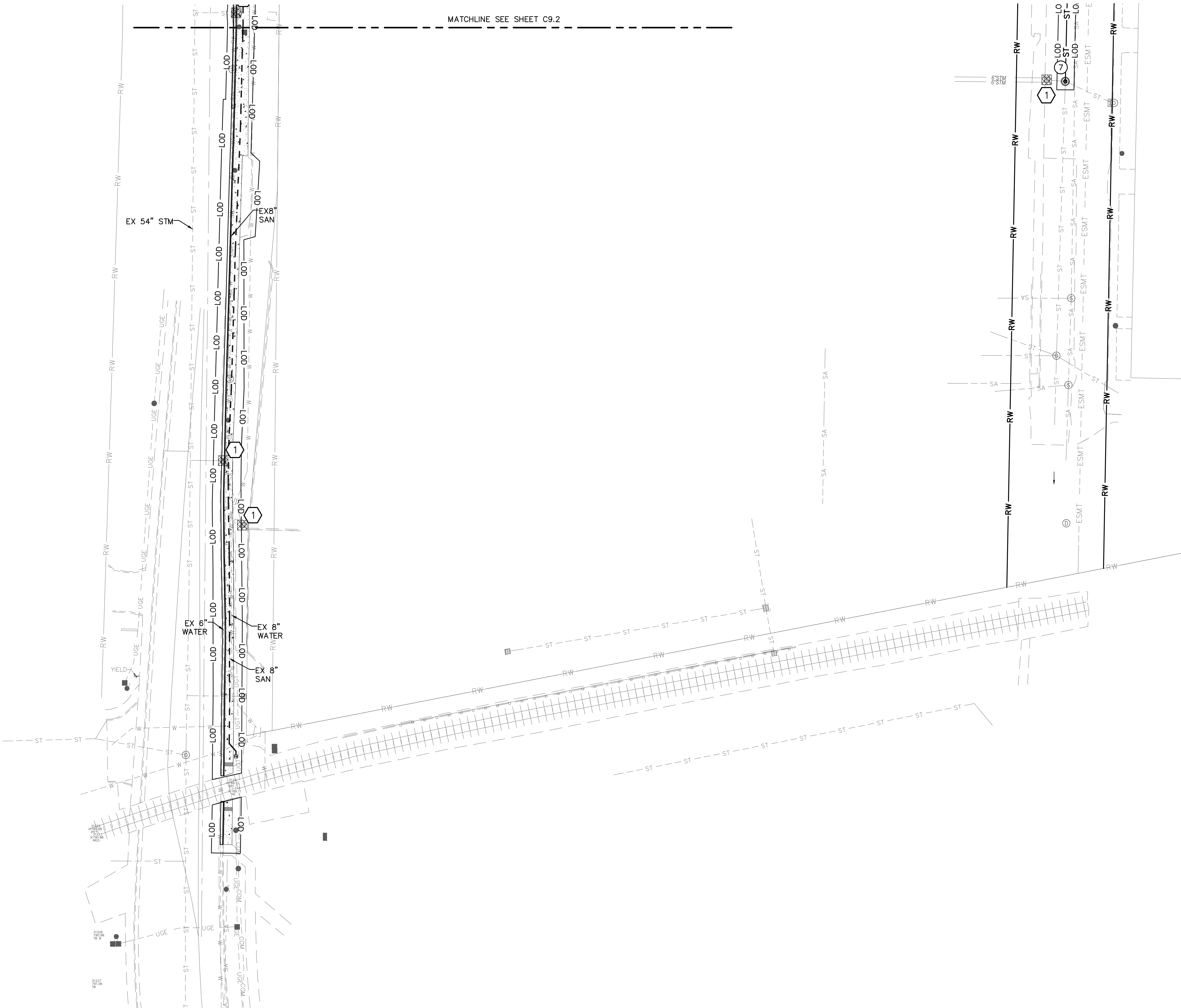
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LEGEND

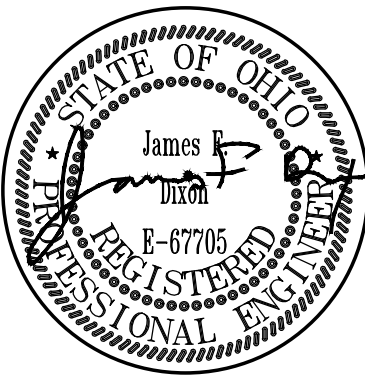
- ST --- ST --- EXISTING STORM SEWER
- SA --- SA --- EXISTING SANITARY SEWER
- W --- W --- EXISTING WATER
- ESMT --- ESMT --- EASEMENT
- X --- X --- EXISTING STEEL FENCE AND GATE
- COM --- COM --- EXITING COMMUNICATION FIBER OPTIC LINE
- OHL --- OHL --- OVERHEAD LINE
- RW --- RW --- RIGHT-OF-WAY LINE
- P --- P --- PROPERTY LINE
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING LIGHT POLE
- ⊙ EXISTING STORM INLET
- ⊙ EXISTING WATER VALVE
- ST --- ST --- PROPOSED STORM SEWER
- --- --- PROPOSED CONTOUR
- LOD --- LOD --- LIMITS OF DISTURBANCE

CODED NOTES

- ① INLET PROTECTION
- ① STRUCTURE NUMBER



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1	05/05/25	FOR CONSTRUCTION

DATE	05/05/2025
JOB NO.	4205.01
DRAWN	KT
CHECKED	JFD

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TITLE
**SWPPP SITE EROSION
CONTROL PLAN PHASE II**

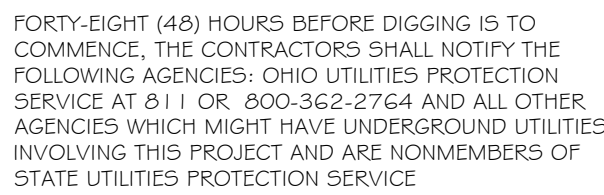
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30 0 30 60

GRAPHIC SCALE (IN FEET)

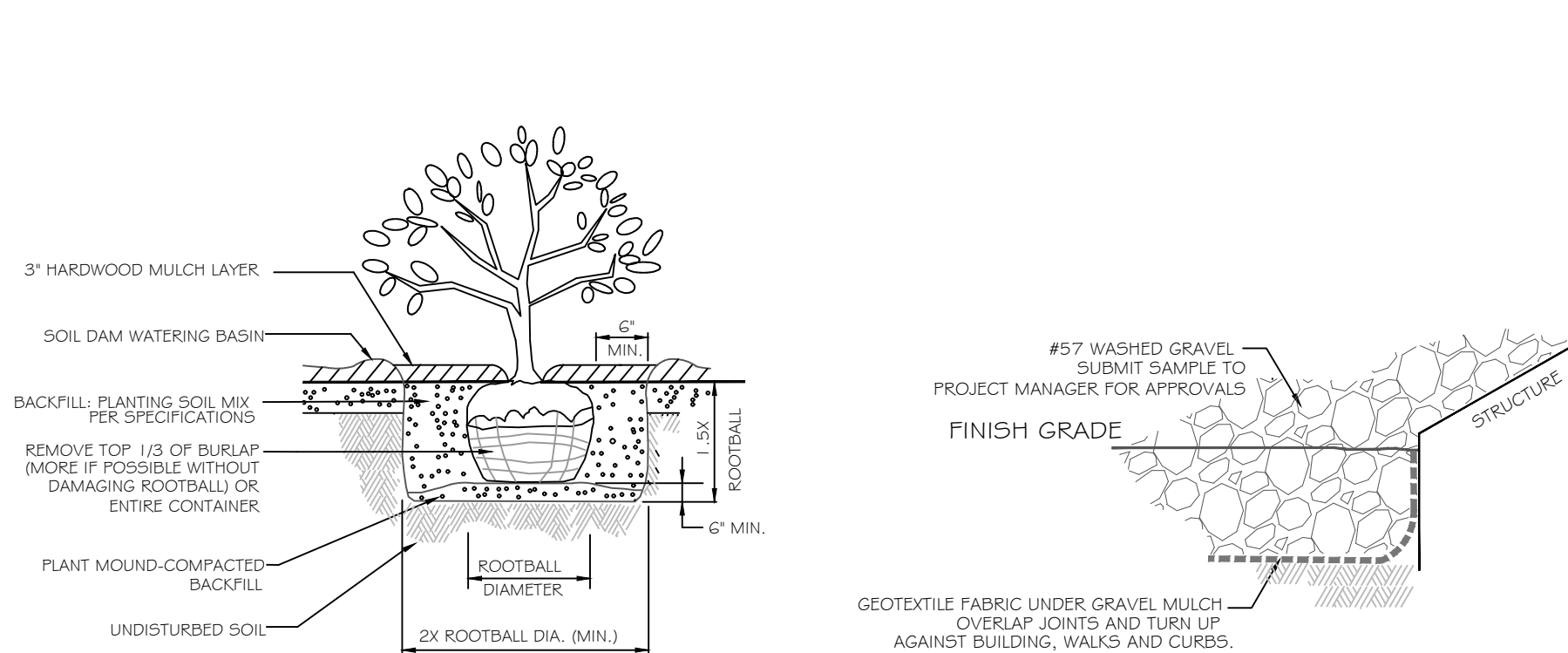
Left Diagram Labels:

- DO NOT PRUNE OR DAMAGE LEADER OF TREE
- ROOT COLLAR TO BE AT OR A LITTLE ABOVE SOIL LEVEL
- 3" HARDWOOD MULCH LAYER, KEEP MULCH AWAY FROM TRUNK, 2"-3"
- SOIL DAM WATERING BASIN (4" MIN. DIA. FOR TREES PLANTED IN LAWN AREAS)
- DEPTH OF HOLE AS REQUIRED TO PLACE ROOT COLLAR 2" ABOVE FINISH GRADE
- UNDISTURBED SOIL
- REMOVE TOP 1/3 OF WIRE BASKET OR BURLAP FROM ROOTBALL (MORE IF POSSIBLE WITHOUT DAMAGING ROOTBALL)
- 4" MIN. DIA. SEE NOTE 1.
- BACKFILL: PLANTING SOIL MIX PER SPECIFICATIONS
- 6" MIN. LEAVE SOLID SOIL PEDESTAL DO NOT DIG DEEPER THAN BALL DEPTH.
- 2x DIA. ROOTBALL
- ROOTBALL DIAMETER

Right Diagram Labels:

- DO NOT PRUNE OR DAMAGE LEADER OF TREE
- ROOT COLLAR TO BE AT OR A LITTLE ABOVE SOIL LEVEL
- 3" DEPTH OF HARDWOOD MULCH KEEP MULCH AWAY FROM TRUNK, 2"-3"
- SOIL DAM WATERING BASIN (4" MIN. DIA. FOR TREES PLANTED IN LAWN AREAS)
- DEPTH OF HOLE AS REQUIRED TO PLACE ROOT COLLAR 2" ABOVE FINISH GRADE
- UNDISTURBED SOIL
- REMOVE TOP 1/3 OF WIRE BASKET OR BURLAP FROM ROOTBALL (MORE IF POSSIBLE WITHOUT DAMAGING ROOTBALL)
- 4" MIN. DIA. SEE NOTE 1.
- BACKFILL: PLANTING SOIL MIX PER SPECIFICATIONS
- 6" MIN. LEAVE SOLID SOIL PEDESTAL DO NOT DIG DEEPER THAN BALL DEPTH
- 2x DIA. ROOTBALL
- ROOTBALL DIAMETER

EVERGREEN TREE PLANTING DETAIL



GRAVEL INSTALLATION

STREET FRONTAGE:
ONE TREE SHALL BE PROVIDED FOR EVERY THIRTY (30) LINEAR FEET OF FRONTAGE, OR FRACTION THEREOF, ALONG EACH ROAD. DEVIATIONS FROM THE REGULAR PLACEMENT OF TREES (BUT NOT THE TOTAL NUMBER OF TREES REQUIRED) MAY BE APPROVED BY THE ZONING ADMINISTRATOR BASED UPON SITE CONSTRAINTS. TREES ARE TO BE PLANTED WITHIN TEN (10) FEET OF THE RIGHTS-OF-WAY OF THE ROAD OR ROADS WITHIN AND ABUTTING THE DEVELOPMENT.

$$\frac{\text{WEST THIRD STREET}}{240 \pm \text{LF} \quad 114 / 30 = 8 \text{ TREES REQUIRED}} \quad \begin{array}{r} 4 \text{ EXISTING TREES} \\ 5 \text{ PROPOSED TREES} \\ \hline 9 \text{ TREES AS SHOWN} \end{array}$$

(NO TREES AT STREET INTERSECTIONS FOR SIGHT LINES)

SOUTH ALLEY - NORTH SIDE
 $343 \pm \text{LF} / 40 = 8.58$ or 9 TREES REQUIRED 10 TREES AS SHOWN
 (NO TREES AT STREET INTERSECTIONS FOR SIGHT LINES)

SOUTH ALLEY - SOUTH SIDE
 $430 \pm LF / 40 = 10.75$ or 11 TREES REQUIRED
 10 TREES AS SHOWN
 (TREES ADJUSTED FOR LIGHT POLES)

INLAND AVENUE - WEST SIDE
 $320 \pm LF / 40 = 8$ TREES REQUIRED 9 TREES AS SHOWN
 (NO TREES AT STREET INTERSECTIONS FOR SIGHT LINES)

INLAND AVENUE - EAST SIDE
 $400 \pm LF / 40 = 10$ TREES REQUIRED
 11 TREES AS SHOWN
 (NO TREES AT STREET INTERSECTIONS FOR SIGHT LINES)

LANDSCAPING OF PARKING LOTS:
WITHIN THE LANDSCAPED ISLANDS, ONE (1) SHADE TREE SHALL BE PROVIDED FOR EVERY TEN (10) PARKING SPACES. EACH TREE, AT THE TIME OF INSTALLATION, SHALL HAVE A MINIMUM CALIPER OF 2.5 INCHES AND A CLEAR TRUNK HEIGHT OF AT LEAST SIX (6) FEET.
LANDSCAPED AREAS ADJACENT TO THE PERIMETER OF THE PARKING AREA SHALL NOT BE COUNTED AS INTERIOR PARKING LOT LANDSCAPED AREAS.

115 SPACES / 10 = 11.5 or 12 TREES REQUIRED

PARKING LOT SCREENING:
SCREENING NEXT TO OR ACROSS THE STREET FROM RESIDENTIAL SHALL BE PER. CITY CODE SECTION 150.565.42(C). SCREENING DESIGN AND DEVELOPMENT SHALL BE COMPATIBLE WITH THE EXISTING AND PROPOSED LAND USE AND DEVELOPMENT CHARACTER OF THE SURROUNDING LAND AND STRUCTURES. MEETS REQUIREMENT AS SHOWN

KEY	QTY.	PLANT NAME	MINIMUM INSTALLED SIZE	MATURE HT./SPD.
		<i>DECIDUOUS TREES</i>		
AR	6	BOWHALL MAPLE - <i>Acer rubrum</i> "Bowhall"	2-1/2' cal. B/B	40/15'
AM	10	STATE STREET MAPLE - <i>Acer myriade</i> 'Morton'	2-1/2' cal. B/B	50/ 35'
GT	7	SKYLINE LOCUST - <i>Gleditsia inaequalis</i> 'Skyline'	2" cal. B/B	45/ 35'
GD	8	KENTUCKY COFFEE TREE - <i>Gymnocladus dioica</i> "Espresso-JFS" (Seedless)	2" cal. B/B	50/ 35'
UA	20	JEFFERSON ELM - <i>Ulmus americana</i> 'Jefferson'	2" cal. B/B	70/ 50'
		<i>SCREENING SHRUBS</i>		
JV	34	GREY OWL JUNIPER - <i>Juniperus virginiana</i> 'Grey Owl'	# 3 cont.	3/ 6'
		<i>ORNAMENTAL GRASSES</i>		
PV	59	SWITCH GRASS - <i>Panicum virgatum</i> 'Shenandoah'	# 3 cont.	4/ 3'

* DENOTES OHIO NATIVE PLANT MATERIAL

KEY	QTY.	PLANT NAME	MINIMUM INSTALLED SIZE	MATURE HT./SPD.
		<i>DECIDUOUS TREES</i>		
AS	20	WRIGHT BROTHERS SUGAR MAPLE - <i>Acer saccharum</i> * 'Wright Brothers'	2" cal. B/B	50/ 35'

1. DIAMETERS OF PLANT MATERIALS AS DRAWN ARE REPRESENTATIVE OF PLANTS AT OR NEAR MATURITY RATHER THAN AT INITIAL PLANTING.
2. THE PLANT LIST IS INTENDED AS A GUIDE FOR THE LANDSCAPE CONTRACTOR. IN THE EVENT OF DISCREPANCY BETWEEN THE NUMBER OF PLANTS ON THE PLANT LIST AND ON THE DRAWING, THE GREATER NUMBER SHALL APPLY.
3. ADJUSTMENTS IN LOCATIONS OF PLANT MATERIALS MAY BE NECESSARY DUE TO NEW OR EXISTING UTILITIES OR SITE OBSTRUCTIONS. ADVISE ARCHITECT'S REPRESENTATIVE BEFORE ADJUSTMENTS ARE MADE.
4. ALL SHRUBS OCCURRING IN CONTINUOUS ROW OR FORMAL ARRANGEMENT SHALL BE OF UNIFORM HEIGHT, SPREAD AND HABIT OF GROWTH.
5. A MINIMUM OF 4" DEPTH OF TOPSOIL SHALL BE PLACED IN ALL BED AREAS BY LANDSCAPE CONTRACTOR PRIOR TO PLANT INSTALLATION. BACKFILL ALL SHRUBS AND TREES WITH BACKFILL MIX OF ONE PART FEAT TO THREE PARTS TOPSOIL.
 - A. ROCKHOUND ALL AREAS TO LOOSEN SOIL TO A DEPTH OF 6" AND REMOVE ROCKS AND WEEDS. AFTER TOPSOIL HAS BEEN SPREAD, ROCKHOUND AGAIN TO REMOVE ALL STONES AND LUMPS.
 - B. MULCH TREES AND SHRUBS WITH MIN. 3" DEPTH AND PERENNIAL BEDS WITH 2" DEPTH OF HARDWOOD MULCH. MULCH SHALL EXTEND IN A CONTINUOUS LAYER WITHIN PLANTING BEDS FROM FACE TO FACE OF SITE STRUCTURE - WALL, BUILDING OR OTHER PLANT BED LINES. KEEP MULCH MIN. 1/2" BELOW TOP OF CURB & ADJACENT PAVED SURFACES.
7. SEED ALL DISTURBED LAWN AREAS WITHIN PROJECT LIMITS. REFER TO CIVIL DRAWINGS FOR REQUIREMENTS AND EXTENT OF WORK AND VERIFY EXTENT WITH ARCHITECT'S REPRESENTATIVE.
8. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN ALL PLANTS AND BEDS FOR A MIN. OF 30 DAYS AFTER ACCEPTANCE OF THE WORK BY THE ARCHITECT'S REPRESENTATIVE. THIS INCLUDES REGULAR WATERING, WEEDING AND MOWING.
9. LANDSCAPE CONTRACTOR SHALL GUARANTEE ALL PLANT MATERIALS FOR ONE-YEAR FROM DATE AT END OF MAINTENANCE PERIOD. BEFORE END OF WARRANTY PERIOD CONTRACTOR SHALL REPLACE ALL TREES, SHRUBS OR PLANTINGS NOT ALIVE OR IN A HEALTHY GROWING CONDITION.

LANDSCAPE ARCHITECT:

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NO.	DATE	DESCRIPTION
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DATE 8/14/24

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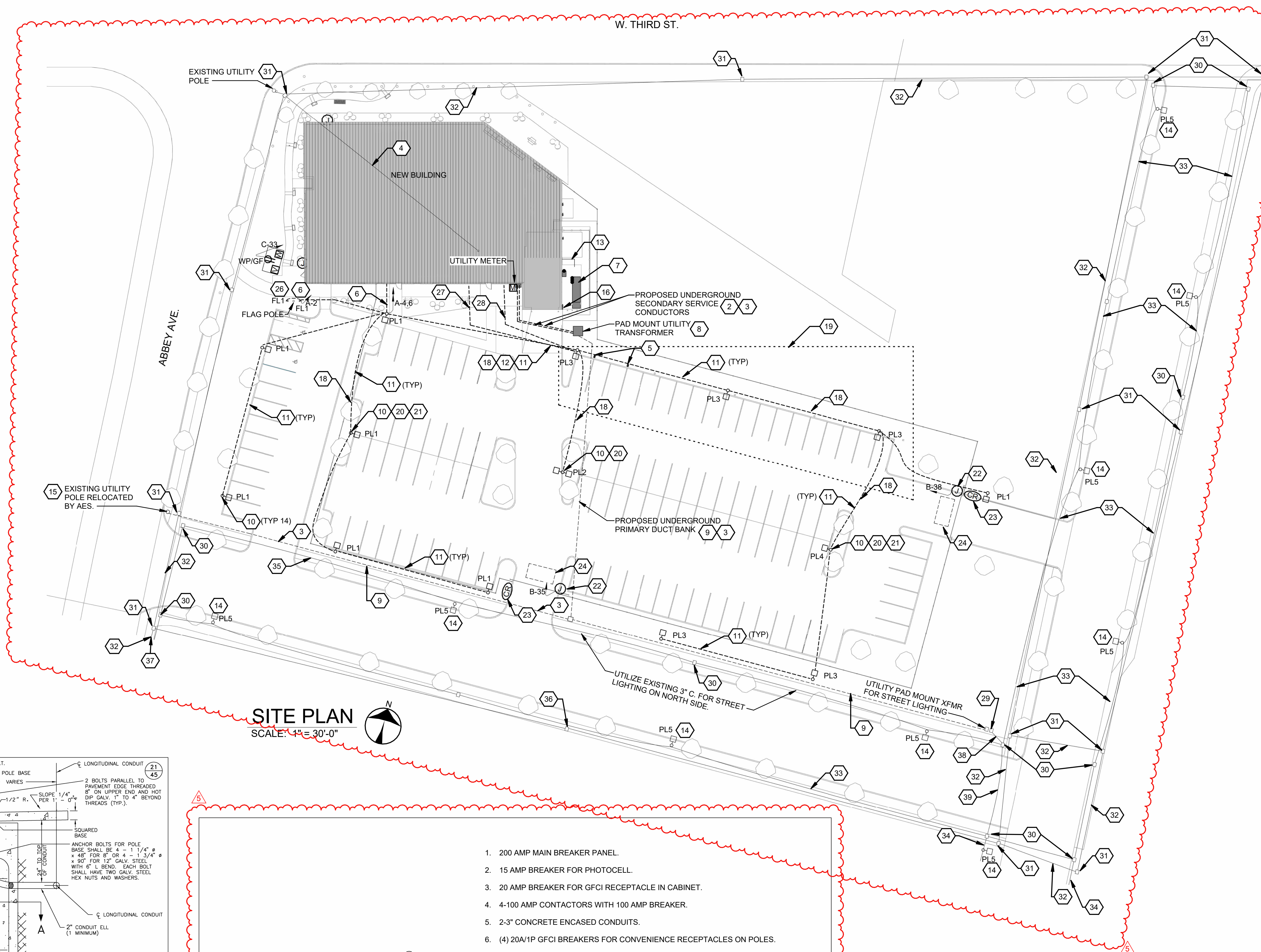
SITE LANDSCAPE PLAN

PLAN

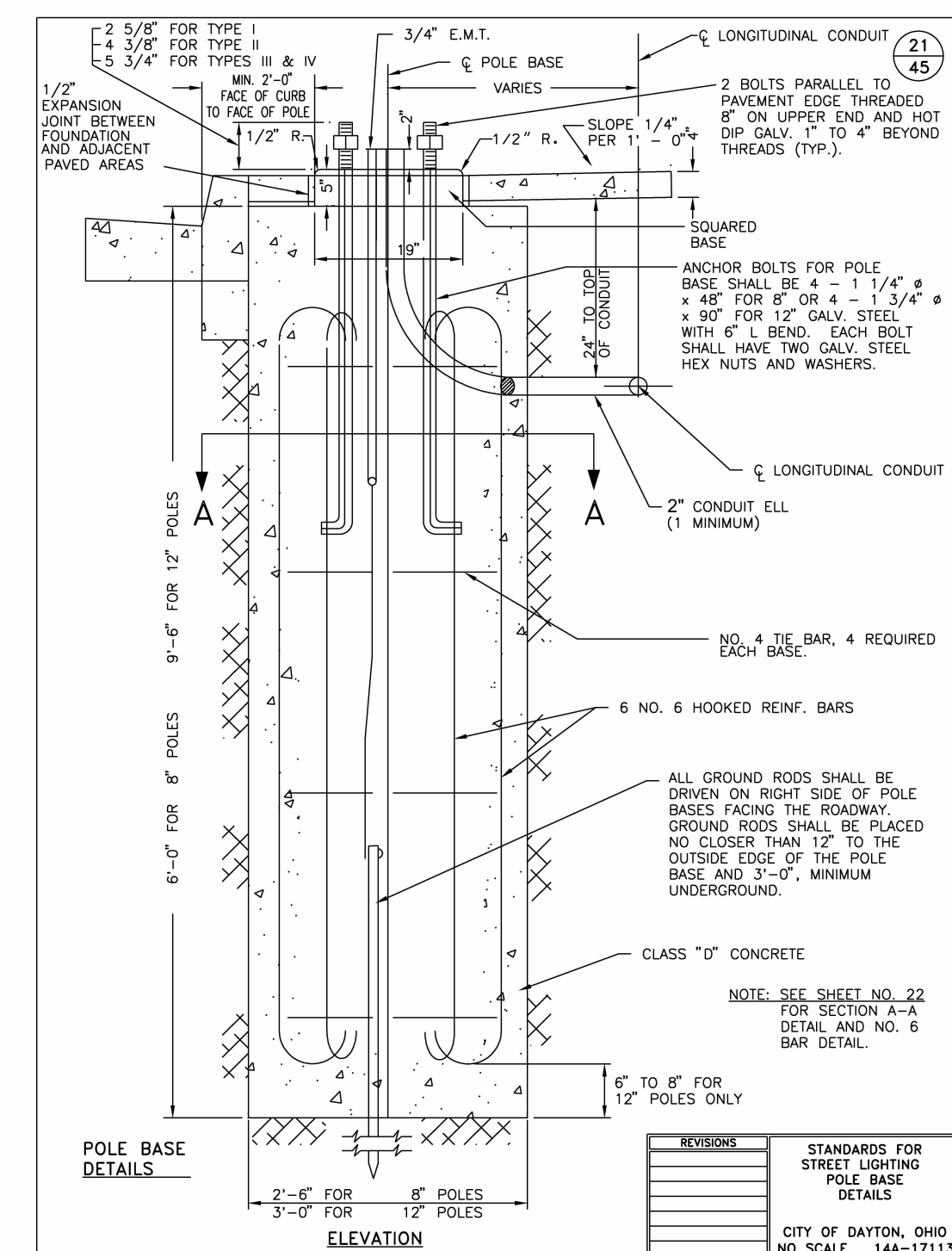
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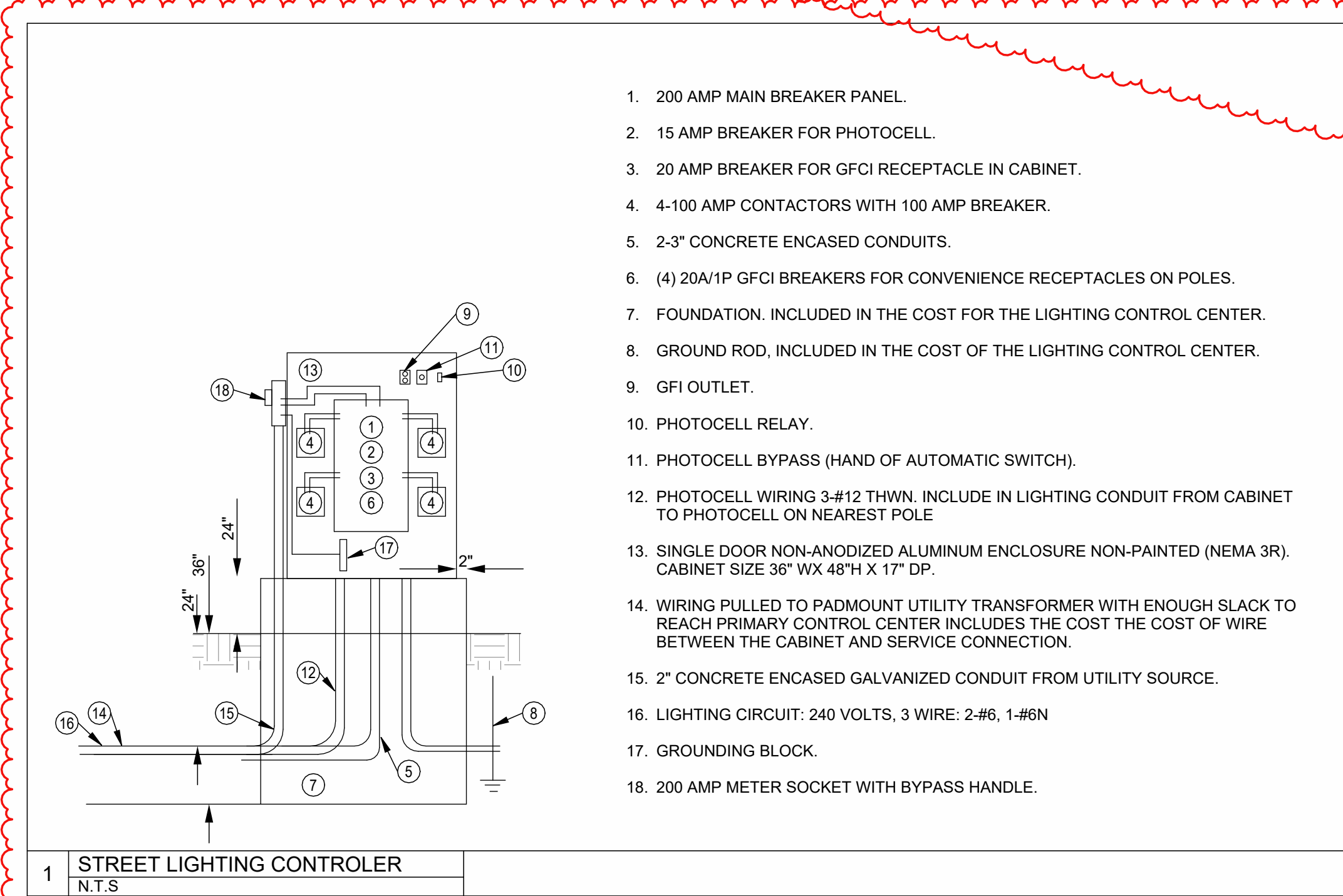
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SITE PLAN
SCALE: 1/4" = 30'-0"

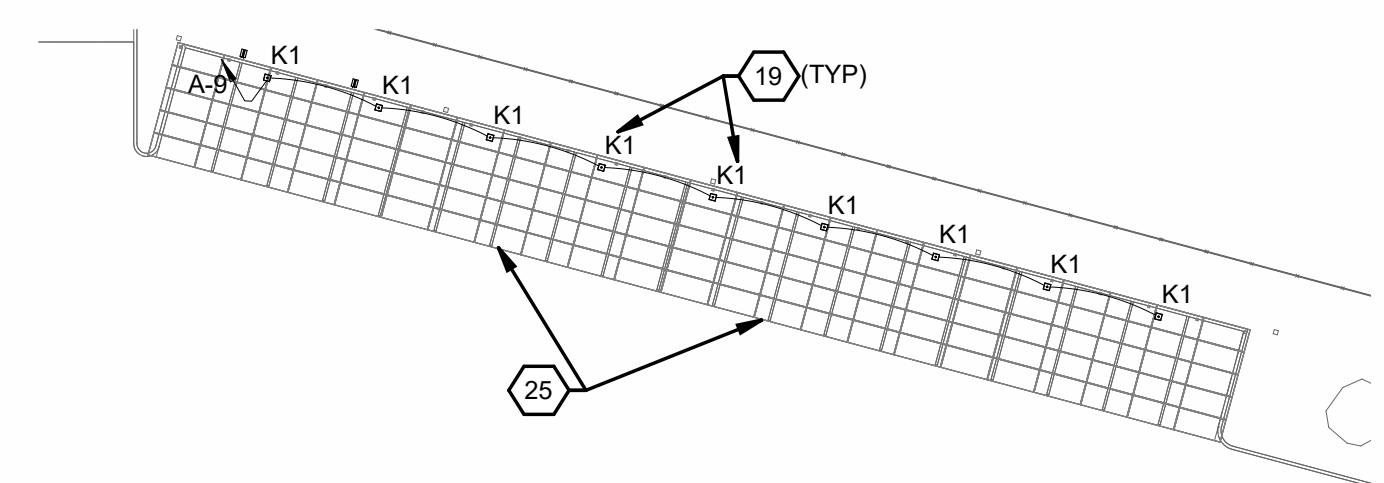


PL5 POLE BASE DETAIL



1 STREET LIGHTING CONTROLLER
N.T.S.

- 200 AMP MAIN BREAKER PANEL.
- 15 AMP BREAKER FOR PHOTOCELL.
- 20 AMP BREAKER FOR GFCI RECEPTACLE IN CABINET.
- 4-100 AMP CONTACTORS WITH 100 AMP BREAKER.
- 2-3" CONCRETE ENCASED CONDUITS.
- (4) 20A/1P GFCI BREAKERS FOR CONVENIENCE RECEPTACLES ON POLES.
- FOUNDATION. INCLUDED IN THE COST FOR THE LIGHTING CONTROL CENTER.
- GROUND ROD, INCLUDED IN THE COST OF THE LIGHTING CONTROL CENTER.
- GFI OUTLET.
- PHOTOCELL RELAY.
- PHOTOCELL BYPASS (HAND OF AUTOMATIC SWITCH).
- PHOTOCELL WIRING 3-#12 THWN. INCLUDE IN LIGHTING CONDUIT FROM CABINET TO PHOTOCELL ON NEAREST POLE
- SINGLE DOOR NON-ANODIZED ALUMINUM ENCLOSURE NON-PAINTED (NEMA 3R). CABINET SIZE 36" Wx 48" H X 17" DP.
- WIRING PULLED TO PADMOUNT UTILITY TRANSFORMER WITH ENOUGH SLACK TO REACH PRIMARY CONTROL CENTER INCLUDES THE COST THE COST OF WIRE BETWEEN THE CABINET AND SERVICE CONNECTION.
- 2" CONCRETE ENCASED GALVANIZED CONDUIT FROM UTILITY SOURCE.
- LIGHTING CIRCUIT: 240 VOLTS, 3 WIRE: 2-#6, 1-#6N
- GROUNDING BLOCK.
- 200 AMP METER SOCKET WITH BYPASS HANDLE.



ELECTRICAL ALTERNATE E1
SCALE: 1" = 30'-0"



CONSTRUCTION NOTES

- COORDINATE FLAG POLE LIGHTS WITH INSTALLER.
- UNDER GROUND SERVICE ENTRANCE CONDUCTORS TO CT CABINET ON EXTERIOR WALL (WITH METERING) PER AES ENERGY REQUIREMENTS.
- PROVIDE CONCRETE ENCASUREMENT ON UNDERGROUND PRIMARY AND SECONDARY SERVICE CONDUITS WHERE CROSSING DRIVEWAYS, ROADS, PARKING.
- PROVIDE TWO 3" UNDERGROUND CONDUIT FROM UTILITY POLE TO RISE UP TO IT ROOM.
- PROVIDE 1" C. STUBBED FROM PANEL FOR EV CHARGING STATION.
- CIRCUIT EXTERIOR LIGHTS THRU EXTERIOR LIGHTING CONTACTOR LOCATED IN ELECTRICAL ROOM.
- STANDBY GENERATOR.
- UTILITY PAD MOUNT TRANSFORMER. REFER TO TRANSFORMER PAD DETAIL.
- PROVIDE PRIMARY SERVICE CONDUITS (TWO - 5" PVC) REFER TO UNDERGROUND DUCT DETAILS, SHEET E0.5.
- REFER TO TYPICAL POLE BASE DETAIL ON SHEET E0.2.
- REFER TO SAND ENCASED UNDERGROUND DUCT DETAIL, SHEET E0.5.
- REFER TO CONCRETE ENCASED UNDERGROUND DUCT DETAIL, SHEET E0.5.
- CONDUITS FROM STANDBY GENERATOR FOR OUTPUT FEEDER, BLOCK HEATER, BATTERY CHARGER, REMOTE ANNUNCIATOR, START SIGNAL WIRING, ETC.
- REFER TO PL5 POLE BASE DETAIL THIS SHEET. PROVIDE DECORATIVE LED FIXTURE WITH EXTENSION ARM PER FIXTURE SCHEDULE.
- EXISTING AES OVERHEAD PRIMARY SERVICE, 3 PHASE.
- EXTERIOR DISCONNECTS FOR PV ARRAY SYSTEMS (ALTERNATE E1).
- PROVIDE 1" CONDUIT AND 120V CIRCUIT FROM IT ROOM FOR FUTURE SIGNAGE.
- PROVIDE 1" DATA CONDUIT FROM IT ROOM TO POLE LIGHT FOR SECURITY CAMERA.
- REFER TO PARTIAL PLAN LIGHTING UNDER PHOTOVOLTAIC CANOPY SYSTEM. PROVIDED UNDER ALTERNATE E1, IN LIEU OF POLE LIGHTS SHOWN ON SITE PLAN IN THIS AREA.
- PROVIDE PROVISIONS FOR GFCI DUPLEX RECEPTACLE AND WEATHERPROOF HOUSING AT POLE BASE.
- PROVIDE PROVISIONS FOR WIRELESS ACCESS POINT AND SECURITY CAMERA (APPROX 14' M.H.) IN POLE.
- PROVIDE POWER TO GATE OPERATOR.
- PROVIDE DATA CONDUIT TO I.T. ROOM FOR CARD READER. PROVIDE CONDUIT PATH WAY TO GATE OPERATOR FOR CONTROL OF GATE.
- COORDINATE GATE CONTROL FROM SECURE SIDE OPERATION. (WIRED SENSOR LOOP, PUSH BUTTON, ETC)
- REFER TO PV DRAWINGS FOR POWER CONNECTION TO PV INVERTERS.
- REFER TO FLOOD LIGHT BASE DETAIL.
- 1" DATA CONDUIT FROM PV SYSTEM RECTIFIERS TO IT ROOM, PROVIDED UNDER ALTERNATE E1.
- POWER FEEDERS FROM PV ARRAY RECTIFIERS TO ELECTRIC ROOM. (WIRED THROUGH CONTACTORS). SEE SINGLE LINE. PROVIDED UNDER ALTERNATE E1.
- PROVIDE STREET LIGHTING CONTROL CENTER. REFER TO DETAIL THIS SHEET). LOCATE ADJACENT TO UTILITY PAD MOUNT TRANSFORMER.
- PROVIDE STREET LIGHTING PULLBOX IN SIDEWALK. 17"WX30"LX36"D POLYMER CONCRETE FLUSH IN-GRADE PULLBOX WITH OPEN BOTTOM AND PENTABOLT COVER. COVER CAST WITH "LIGHTING" AND SKID RESISTANT SURFACE.
- PROVIDE PULLBOX IN SIDEWALK 17"WX30"LX36"D POLYMER CONCRETE FLUSH IN-GRADE PULLBOX WITH OPEN BOTTOM AND PENTABOLT COVER. COVER CAST WITH "FIBER" AND SKID RESISTANT SURFACE FOR FUTURE USE.
- PROVIDE 2-3" SCHEDULE 40 PVC CONDUIT (CONCRETE ENCASED) FOR FUTURE USE. PROVIDE PULLSTRING IN CONDUIT SYSTEM.
- STREET LIGHTING AND RECEPTACLE CIRCUITRY TO 'PL5' STREET LIGHTING POLES. 2-#6, #6N, #8GRD FOR STREET LIGHTING. 2-#8, #8GRD FOR RECEPTACLE CIRCUIT. PROVIDE ONE STREET LIGHTING AND ONE RECEPTACLE CIRCUIT FOR INLAND AVE AND ONE STREET LIGHTING AND ONE RECEPTACLE CIRCUIT FOR NEW EAST/WEST STREET CONNECTING ABBEY TO INLAND. (2" SCHEDULE 40 PVC, CONCRETE ENCASED).
- PROVIDE 2-3" COMM AND 2" STREET LIGHTING CONDUITS STUBBED SOUTH TO JUST BEYOND END OF SITE IMPROVEMENTS WORK. CAP/IN CONDUIT ENDS.
- UTILIZE EXISTING 3" CONDUIT FOR STREET LIGHTING CIRCUIT. PROVIDE STREET LIGHTING PULLBOX AT 'PL5' LOCATION, IF REQUIRED, TO INTERCEPT TO FEED LIGHT/RECEPTACLE.
- PROVIDE COMMUNICATIONS PULLBOX AT MIDPOINT OF EXISTING 3" COMMUNICATIONS CONDUITS.
- PROVIDE 2-3" COMM AND 2" STREET LIGHTING CONDUITS ALONG EXTENT OF SITE IMPROVEMENT SIDEWALK WORK. PROVIDE COMMUNICATIONS AND STREET LIGHTING PULLBOX EVERY 250' - COORDINATE EXTENT OF IMPROVEMENT WORK WITH SITE/CIVIL CONTRACTOR, (APPROX 620' TO BEYOND RAILROAD TRACKS)
- PROVIDE (3) 2" STREET LIGHTING CONDUITS FROM LIGHTING CONTROL CENTER TO PULLBOX AT INTERSECTION.
- PROVIDE (2) 2" STREET LIGHTING CONDUITS

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WEST PATROL DISTRICT**

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	2/25/2025	SITE PACKAGE II
4	04/10/2025	BULLETIN 2
5	05/05/2025	BULLETIN 3

DATE	2/25/25
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TITLE
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