

# WASHTENAW COMMUNITY COLLEGE

# CAMPUS WIDE DRAINAGE REPAIRS

# PROJECT #75297 PART 1

## WCC MAIN CAMPUS

CONSTRUCTION NOTES:

- IT IS ESSENTIAL THAT THE CONTRACTOR FAMILIARIZE THEMSELVES WITH THE SITE PRIOR TO SUBMITTING PROPOSAL.
- ALL CONSTRUCTION SHALL BE PERFORMED PER THE CURRENT WASHTENAW COUNTY ROAD COMMISSION STANDARD SPECIFICATIONS. IF THERE ARE WORK ITEMS NOT COVERED BY THE ABOVE SPECIFICATIONS, THEN THE CURRENT M.D.O.T. SPECIFICATIONS SHALL APPLY AS DIRECTED IN THE PLANS AND SPECIFICATIONS.
- THE AREA WITHIN THE CONSTRUCTION LIMITS SHALL BE STRIPPED OF ORGANIC SOILS PRIOR TO COMMENCING GENERAL EXCAVATION. THIS MATERIAL SHALL BE STOCKPILED ON THE PROPERTY AT A LOCATION DIRECTED BY THE ENGINEER OR THE OWNER.
- THE CONTRACTOR WILL BE REQUIRED TO PROOF ROLL (WITH A HEAVY RUBBER-TIRED VEHICLE) ALL FILL AREAS PRIOR TO PLACING ADDITIONAL FILL AND ALL CUT AREAS UPON COMPLETION OF THE CUT AND PRIOR TO PLACING BASE MATERIAL. IF THE PROOF ROLLING INDICATES UNSTABLE AREAS, THE UNSTABLE MATERIAL MUST BE REMOVED AND REPLACED WITH MATERIAL MATCHING THE ADJACENT SOILS TO THE ELEVATION OF THE SUBGRADE.
- ALL FILL MATERIAL MUST BE PLACED IN LIFTS NOT EXCEEDING 9 INCHES AND COMPACTED TO 95% OF THE MAXIMUM UNIT WEIGHT.
- THE FINISHED SUBGRADE MUST BE GRADED WITHIN A TOLERANCE OF +/- 0.1 FEET OF DESIGN GRADE. COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM UNIT WEIGHT TO A DEPTH OF 9 INCHES AND APPROVED BY THE OWNER'S REPRESENTATIVE/ENGINEER PRIOR TO PLACEMENT OF THE AGGREGATE BASE. FINE GRADING, PRIOR TO THE PLACEMENT OF THE BASE MATERIAL, SHALL BE INCLUDED IN THE COST OF PREPARING THE SUBGRADE.
- ALL DISTURBED AREAS, DITCH BOTTOMS AND SLOPES UNLESS OTHERWISE NOTED, SHALL BE SEEDED AND MULCHED PER 2020 M.D.O.T. STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- THE CONTRACTOR MUST CONTACT MISS DIG PRIOR TO BEGINNING CONSTRUCTION.
- ALL CONSTRUCTION ACTIVITIES SHALL BE SIGNED PER THE 2025 MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURES PER THIS APPROVED PLAN.
- THE CONTRACTOR MUST OBTAIN AN EROSION CONTROL PERMIT PRIOR TO BEGINNING EARTH MOVING. THE CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION.
- ANY CONDITIONS (EXISTING) ON THE SITE THAT ARE NOT CONSISTENT WITH THE PLANS OR SOIL EROSION SEDIMENTATION PERMIT WILL RESULT IN A STOP-WORK ORDER AND REVOCATION OF THE SOIL EROSION SEDIMENTATION CONTROL PERMIT.
- ALL UTILITIES LYING WITHIN THE EXISTING OR PROPOSED INFLUENCE OF THE ROAD SHALL BE BACKFILLED WITH MDOOT CLM MATERIAL, COMPACTED TO 95% MAXIMUM UNIT WEIGHT, PER THE WASHTENAW COUNTY ROAD COMMISSION.
- ALL DISTURBED AREAS THAT ARE OUTSIDE THE PAVED SURFACES AND GRAVEL SHOULDERS SHALL BE COVERED WITH A MINIMUM OF 4 INCHES OF TOPSOIL, SEEDED & MULCHED.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND/OR OBTAIN ANY INFORMATION NECESSARY REGARDING THE PRESENCE OF UNDER-GROUND UTILITIES THAT MAY AFFECT THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO AND THE REPAIR OF ANY EXISTING UTILITY LINE IN THE CONSTRUCTION ZONE.
- THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLANS ARE ONLY APPROXIMATE. NO FIELD VERIFICATION OF EXISTING UTILITY LINES HAS BEEN DONE.
- THE CONTRACTOR SHALL HAVE ALL UTILITY CROSSINGS DUG UP AND EXPOSED FOR ANY NEW WORK. ELEVATIONS SHALL BE REPORTED TO WASHTENAW COMMUNITY COLLEGE AND THE ENGINEER.
- ALL DISTURBED LAWN AREAS SHALL BE RESTORED BACK TO EXISTING CONDITIONS. INCLUDING DUG UP LOCATIONS, TREE MARKS OR STORED DIRT SPACES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VIDEO OF EXISTING CONDITIONS PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL SUBMIT ALL MATERIAL AND SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING WORK.

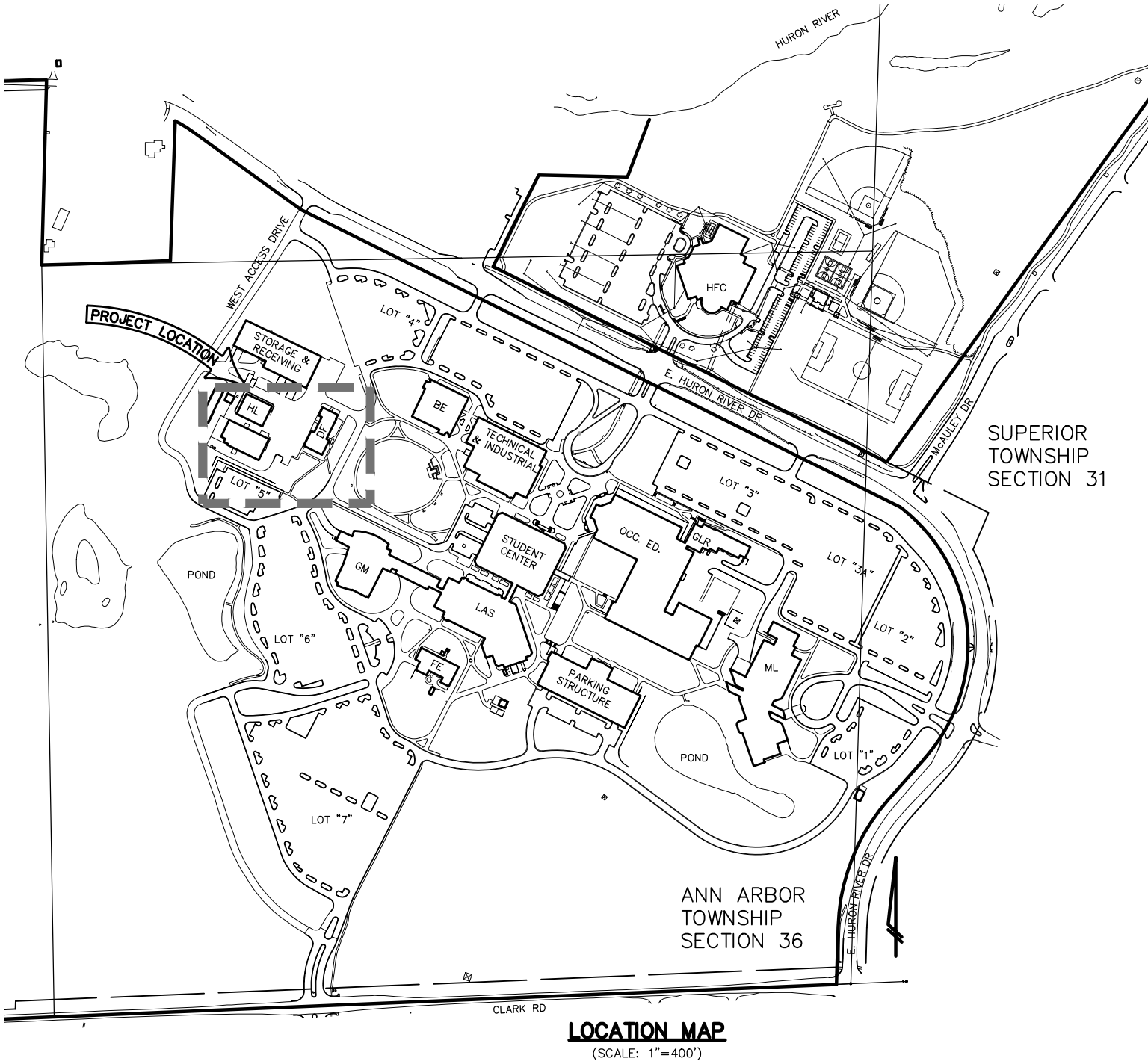
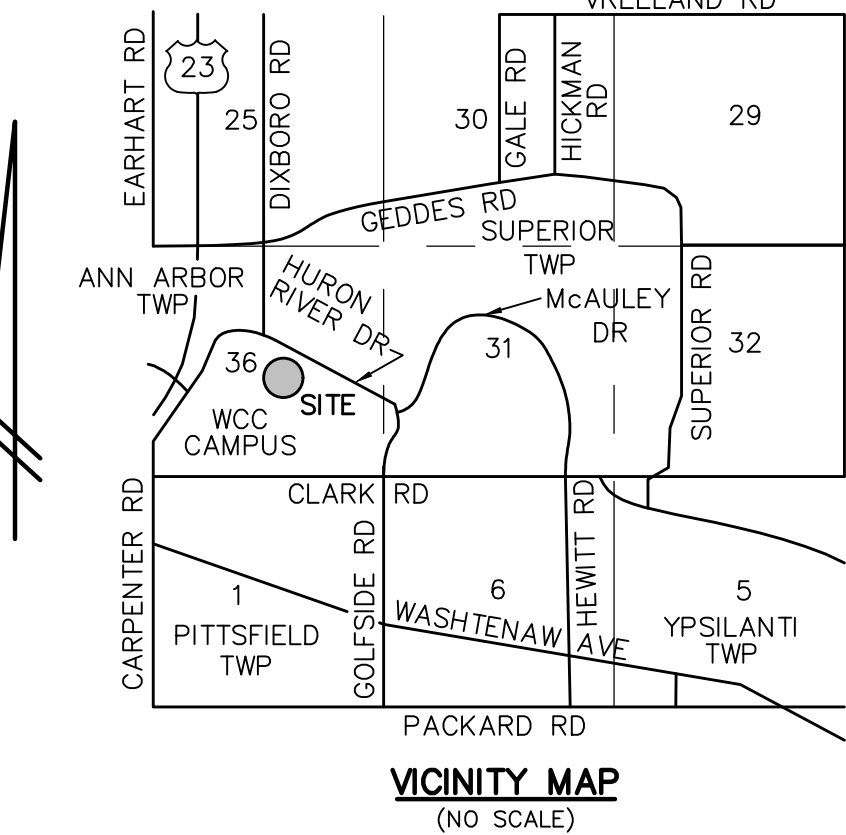
PARCEL I (North of Huron River Dr)

Commencing at the Southwest corner of Section 31, T2S, R7E, Superior Township, Washtenaw County, Michigan; thence N87°38'08"E 50.12 feet along the South line of said Section and the centerline of Clark Road to a point on the Easterly right-of-way line of East Huron River Drive (Variable Width); thence along said Easterly right-of-way line in the following four (4) courses: (1) N01°36'23"E 193.42 feet, (2) Northeasterly 416.93 feet along the arc of a 600.00 foot radius circular curve to the right, through a central angle of 39°48'51", having a chord that bears N21°30'49"E 408.59 feet, (3) N41°25'14"E 192.76 feet and (4) Northerly 850.24 feet along the arc of a 700.00 foot radius circular curve to the left, through a central angle of 69°35'34", having a chord that bears N06°37'27"E 798.93 feet; thence N23°14'27"E 79.18 feet; thence N23°04'44"E 60.10 feet to a point on the Northeasterly right-of-way line of said East Huron River Drive; thence N63°35'23"W 396.19 feet along said right-of-way line to the POINT OF BEGINNING; thence continuing N63°35'23"W 1531.04 feet along said Northeasterly right-of-way line; thence N26°24'37"E 356.31 feet; thence S88°42'23"E 309.11 feet; thence N20°58'07"E 204.54 feet to an Iron Pipe; thence continuing N20°58'07"E 10.0 feet, more or less, to a point on the Southeasterly bank of the Huron River; thence Northeasterly 252.7 feet, more or less, along said Southeasterly bank; thence S00°34'52"E 12.0 feet, more or less, to an Iron Pipe that bears N35°49'54"E 1763.88 feet and N00°34'52"W 340.31 feet from the Point of Beginning; thence continuing S00°34'52"E 340.31 feet; thence S35°49'54"W 1763.88 feet to the Point of Beginning. Being a part of the West 1/2 of Section 31, T2S, R7E, Superior Township and a part of the East 1/2 of Section 36, T2S, R6E, Ann Arbor Township, Washtenaw County, Michigan and containing 47 acres of land, more or less. Being subject to easements and restrictions of record, if any.

PARCEL II (South of Huron River Dr)

Commencing at the Southeast corner of Section 36, T2S, R6E, Ann Arbor Township, Washtenaw County, Michigan; thence S87°36'34"W 50.12 feet along the South line of said Section and the centerline of Clark Road to the POINT OF BEGINNING; thence continuing S87°36'34"W 272.46 feet along said South line and said centerline to the South 1/4 corner of said Section 36; thence S87°37'02"W 766.01 feet continuing along said South line and said centerline; thence N01°36'32"E 1319.92 feet; thence S88°09'50"W 11.65 feet along the South line of the North 1/2 of the Southwest 1/4 of said Section to a point on the Easterly line of "ESKERMOOR NO. 2" as recorded in Liber 16 of Plats, Pages 2 and 3, Washtenaw County Records; thence N01°40'06"E 43.94 feet along said East line to the Northeast corner of said "ESKERMOOR NO. 2"; thence S88°32'02"W 680.06 feet along the North line of said "ESKERMOOR NO. 2" to the Northwest corner of said "ESKERMOOR NO. 2"; thence S00°24'02"W 46.17 feet along the West line of said "ESKERMOOR NO. 2"; thence S88°16'02"W 424.02 feet; thence N02°22'58"W 6.20 feet; thence S87°37'02"W 212.50 feet; thence S02°22'58"E 274.00 feet; thence S32°22'58"E 86.39 feet; thence Southwesterly 38.54 feet along the arc of a 73.61 foot radius circular curve to the left, through a central angle of 30°00'00", having a chord that bears S42°37'02"W 38.10 feet; thence Southwesterly 77.08 feet along the arc of a 73.61 foot radius circular curve to the right, through a central angle of 60°00'00", having a chord that bears S57°37'02"W 73.61 feet; thence S87°37'02"W 20.00 feet; thence Northwesterly 77.08 feet along the arc of a 73.61 foot radius circular curve to the right, through a central angle of 60°00'00", having a chord that bears N62°22'58"W 73.61 feet; thence Northwesterly 77.08 feet along the arc of a 73.61 foot radius circular curve to the left, through a central angle of 60°00'00", having a chord that bears N62°22'58"W 73.61 feet; thence S87°37'02"W 19.15 feet to a point on the Easterly right-of-way line of Hogback Road; thence Northeasterly along said right-of-way line in the following four (4) courses: (1) Northeasterly 472.16 feet along the arc of a 894.93 foot radius circular curve to the right, through a central angle of 30°13'44", having a chord that bears N29°24'33"E 466.70 feet, (2) N44°31'25"E 556.12 feet, (3) Northeasterly 792.04 feet along the arc of a 1969.86 foot radius circular curve to the left, through a central angle of 23°02'15", having a chord that bears N33°00'17"E 786.72 feet and (4) N21°29'10"E 245.58 feet to a point on the East and West 1/4 line of said Section; thence N88°40'22"E 803.86 feet along said East and West 1/4 line; thence N28°58'54"W 87.97 feet (recorded as 87.80 feet); thence N23°33'24"W 302.96 feet; thence N24°46'54"W 257.22 feet; thence N88°46'36"E 83.52 feet along the Southerly right-of-way of East Huron River Drive (Variable Width); thence N01°13'24"W 50.00 feet to the centerline of said East Huron River Drive; thence N88°46'36"E 475.91 feet along the said centerline; thence S01°25'14"W 644.05 feet (recorded as 644.01 feet) along the North and South 1/4 line as monumented by Atwell-Hicks's 1978 survey, job no. 32564, to the Center of said Section; thence N88°29'54"E 131.17 feet; thence N87°52'39"E 316.71 feet; thence N01°57'43"E 486.42 feet to a point on the Southwesterly right-of-way line of said East Huron River Drive; thence Southeasterly and Southerly along said right-of-way line in the following seven (7) courses: (1) Southeasterly 62.26 feet along the arc of a 347.90 foot radius circular curve to the right, through a central angle of 10°15'13", having a chord that bears S59°25'14"E 62.18 feet, (2) S54°17'38"E 476.55 feet, (3) S63°35'23"E 2326.46 feet, (4) Southerly 987.36 feet along the arc of a 600.00 foot radius circular curve to the right, through a central angle of 94°17'08", having a chord that bears S05°43'20"E 879.66 feet, (5) S41°25'14"W 192.76 feet, (6) Southwesterly 486.42 feet along the arc of a 700.00 foot radius circular curve to the left, through a central angle of 39°48'51", having a chord that bears S21°30'49"W 476.69 feet, and (7) S01°36'23"W 200.38 feet to the Point of Beginning. Being a part of Section 36, T2S, R6E, Ann Arbor Township and a part of the Southwest 1/4 of Section 31, T2S, R7E, Superior Township, Washtenaw County, Michigan and containing 23.23 acres of land, more or less. Being subject to the rights of the public over that portion of East Huron River Drive and Clark Road as occupied. Also being subject to easements and restrictions of record, if any.

A PART OF THE SE 1/4 SECTION 36 T2S, R6E, ANN ARBOR TOWNSHIP AND  
A PART OF THE SW 1/4 SECTION 31 T2S, R7E, SUPERIOR TOWNSHIP  
WASHTENAW COUNTY, MICHIGAN  
FOR:  
WASHTENAW COMMUNITY COLLEGE



PROJECT DESCRIPTION

THIS PROJECT IS LOCATED ON THE SOUTH SIDE OF E HURON RIVER DR. BETWEEN N DIXBORO RD AND CLARK ROAD IN ANN ARBOR TOWNSHIP AND SUPERIOR TOWNSHIP, WASHTENAW COUNTY, MICHIGAN.

THE EXISTING SITE IS WELL DEVELOPED AS A COLLEGE CAMPUS. THERE ARE MULTIPLE BUILDINGS, ROADWAYS AND SIDEWALKS. THERE IS AN EXISTING STORM WATER SYSTEM WITH MULTIPLE DETENTION BASINS AND SEWER PIPE. THERE IS A HEALTH AND FITNESS CENTER BELONGING TO THE COLLEGE ON THE NORTH SIDE OF E HURON RIVER DRIVE. TO THE EAST THERE IS THE TRINITY HEALTH ANN ARBOR HOSPITAL.

PART 1 – HENRY LANDAU BUILDING

THIS PART OF THE PROJECT WILL BE TO REPAIR A BUILDING INTERIOR AND EXTERIOR SANITARY SEWER LEAD THAT HAS BACK-UP ISSUES INTO THE BUILDING. IN ADDITION SOME STORM ROOF DRAINAGE WILL BE CORRECTED.

CONTRACTOR BID NOTES:

- THE CONTRACTOR SHALL PROVIDE A WORK PLAN AND SCHEDULE ON OBTAINING ALL NECESSARY PERMITS, MATERIALS AND PROCUREMENT OF LONG LEAD ITEMS FOR WORK TO BEGIN AND COMPLETE. THIS SHALL BE SUBMITTED TO OWNER 2 WEEKS PRIOR TO AWARD OF CONTRACT.
- THE CONTRACTOR SHALL NOTE THAT THIS PROJECT IS WITHIN THE BOUNDARIES OF TWO TOWNSHIPS: ANN ARBOR TOWNSHIP AND SUPERIOR TOWNSHIP. THE CONTRACTOR SHALL COORDINATE PERMITTING APPROVALS FOR WORK PERTAINING TO EACH TOWNSHIP. NOTE THAT PARTS 1-4 ARE ONLY WITHIN ANN ARBOR TOWNSHIP.
- WCC REQUEST THAT THIS BID INCLUDES A MANDATORY CONTINGENCY ALLOWANCE OF \$15,000.00 THIS AMOUNT WILL BE USED FOR POTENTIAL CHANGES OR ADDED WORK SCOPE AND WILL BE DEDUCTED FOR USE BY WCC. REMAINING AMOUNTS WILL BE RETURNED AT JOB CLOSEOUT.
- CONTRACTOR TO INCLUDE ALL REQUIRED EROSION CONTROL MEASURES AS A LUMP SUM FEE FOR PROJECT AS REQUIRED FOR EACH PART.
- CONTRACTOR SHALL COMPLETE ALL REQUIRED FINAL CLEAN UP AS REQUIRED AND DIRECTED BY OWNER OR OWNERS ENGINEER AS A LUMP SUM FEE.
- ALL DISTURBED AREAS SHALL BE RESTORED AS TURF ESTABLISHMENT AS A LUMP SUM FEE.
- CONTRACTOR TO PROVIDE ALL TRAFFIC CONTROL DEVICES AS PART OF PROJECT UNDER TRAFFIC CONTROL AS A LUMP SUM FEE.

PERMITS ARE CONTRACTORS RESPONSIBILITY TO SECURE FOR PART 1

ANN ARBOR TOWNSHIP  
SOIL EROSION PART 1

PERMIT #:  
ISSUE DATE:

ANN ARBOR TOWNSHIP  
PLUMBING PERMIT PART 1

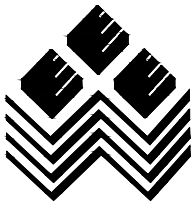
PERMIT #:  
ISSUE DATE:

ENGINEER WILL INSPECT SESC MEASURES ON SITE AND DIRECT CONTRACTOR TO MAKE REPAIRS AND MAINTENANCE AS NEEDED. CONTRACTOR WILL BE RESPONSIBLE TO OBTAIN AND SCHEDULE INSPECTIONS FOR THE PLUMBING PERMIT.

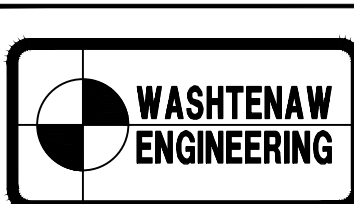
| SHEET TITLE                        | SHEET NO. |
|------------------------------------|-----------|
| COVER SHEET                        | 1         |
| OVERALL CAMPUS EXISTING CONDITIONS | 2         |
| PROJECT AREA EXISTING CONDITIONS   | 3         |
| SITE PLAN                          | 4         |
| DETAILS                            | 5         |
| STAGING AND TRAFFIC CONTROL PLAN   | 6         |

OWNER/APPLICANT

WASHTENAW COMMUNITY COLLEGE  
4800 E. HURON RIVER DRIVE  
PO BOX D-1  
ANN ARBOR, MICHIGAN 48105



Washtenaw  
Community College



CIVIL ENGINEERS • PLANNERS  
SURVEYORS • LANDSCAPE ARCHITECTS

P.O. BOX 1128  
3250 WEST LIBERTY RD ANN ARBOR, MICHIGAN 48106  
TEL: 734-761-8800 FAX: 734-761-9530  
E-MAIL: wcco@wengco.com



PREPARED BY  
JOSEPH K MAYNARD P.E., MICH No. 52559

PROJECT #: 33282

REVISED 7-30-2026  
BIDDING AND PERMIT REVIEW SET 7-28-2026

CAMPUS WIDE DRAINAGE REPAIRS PART 1 PROJECT #75297

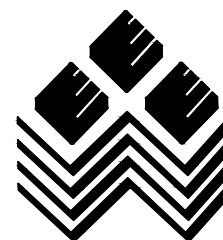


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THE OWNER SHALL NOT USE OR AUTHORIZE ANY OTHER PERSON TO USE THE DRAWINGS, SPECIFICATIONS, ELECTRONIC DATA, AND OTHER INFORMATION FOR ANY PROJECTS, FOR ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THE PROJECT BY OTHERS SO LONG AS WASHTENAW ENGINEERING COMPANY (MECO) IS NOT ADVISED TO BE IN DEFAULT UNDER THIS AGREEMENT. THE OWNER SHALL INDEMNIFY AND HOLD HARMLESS MECO, MECO'S CONSULTANTS AND AGENTS AND EMPLOYEES OF ANY FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES, ARISING OUT OF OR FROM THE USE OF THE DRAWINGS, SPECIFICATIONS, ELECTRONIC DATA OR OTHER INSTRUMENTS OF SERVICE.

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THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING RECORDS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



Washtenaw  
Community College

NOTE: CONTOURS WERE GENERATED FROM PHOTOGRAMMETRIC MAPPING OF SITE BY AEROCOIN PHOTOGRAMMETRIC SERVICES INC., JOB NO. 9889.

**LEGEND**  
☆ = LIGHT POLE  
○ = UTILITY POLE  
● = GUY ANCHOR  
+ = HYDRANT  
● = SPOT ELEV.  
○ = POST  
○ = GATE VALVE  
+ = SIGN

TC = TOP OF CURB  
TW = TOP OF WALL  
○ = MANHOLE  
□ = CATCHBASIN  
- = END SECTION

--- = GRAVEL  
--- = FENCE  
--- = CONCRETE  
--- = ASPHALT

--- = EXISTING STORM  
--- = EXISTING SANITARY  
--- = EXISTING WATER  
--- = EXISTING GAS  
--- = EXISTING ELECTRIC  
--- = EXISTING TELEPHONE

**BENCHMARK**  
NO. NORTHING EASTING ELEVATION DESCRIPTION  
BM11 279081.75 13314586.53 820.68 CONCRETE MONUMENT  
BM16 277772.12 13312548.68 816.93 CONCRETE MONUMENT  
BM18 279273.23 13312089.03 787.00 CONCRETE MONUMENT  
BM20 278198.37 13314443.30 820.33 CONCRETE MONUMENT  
COORDINATE VALUES ARE IN THE MICHIGAN COORDINATE SYSTEM OF 1983, SOUTH ZONE.  
DATUM=NAVD 88

**BENCHMARK** BM1=TOP NUT ON HYDRANT, 50'± NORTH OF PLANT OPERATIONS BUILDING, ELEV=804.77 (NAVD 88).  
BM2=TOP OF NORTH END OF LIGHTPOLE BASE, 28'± SE'LY OF THE NORTHEAST CORNER OF PLANT OPERATIONS BUILDING, ELEV=800.07 (NAVD 88).

WASHTENAW COUNTY SOIL SURVEY CLASSIFICATION

StB - ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES  
• • • • • SOILS BOUNDARY  
SOILS ARE BASED ON USDA SOIL SURVEY OF WASHTENAW COUNTY.  
• = SOIL BORING

EXISTING SIGN LEGEND

1 = STOP  
2 = POLICE PARKING ONLY  
3 = NO PARKING FIRE LANE  
4 = CAMPUS DIRECTIONAL  
5 = BARRIER FREE PARKING

**SCALE**  
0 100 200 400  
SCALE: 1"=200'

PREPARED BY *Joseph K. Maynard*  
JOSEPH K. MAYNARD P.E., MICH No. 52559



Know what's below.  
Call before you dig.



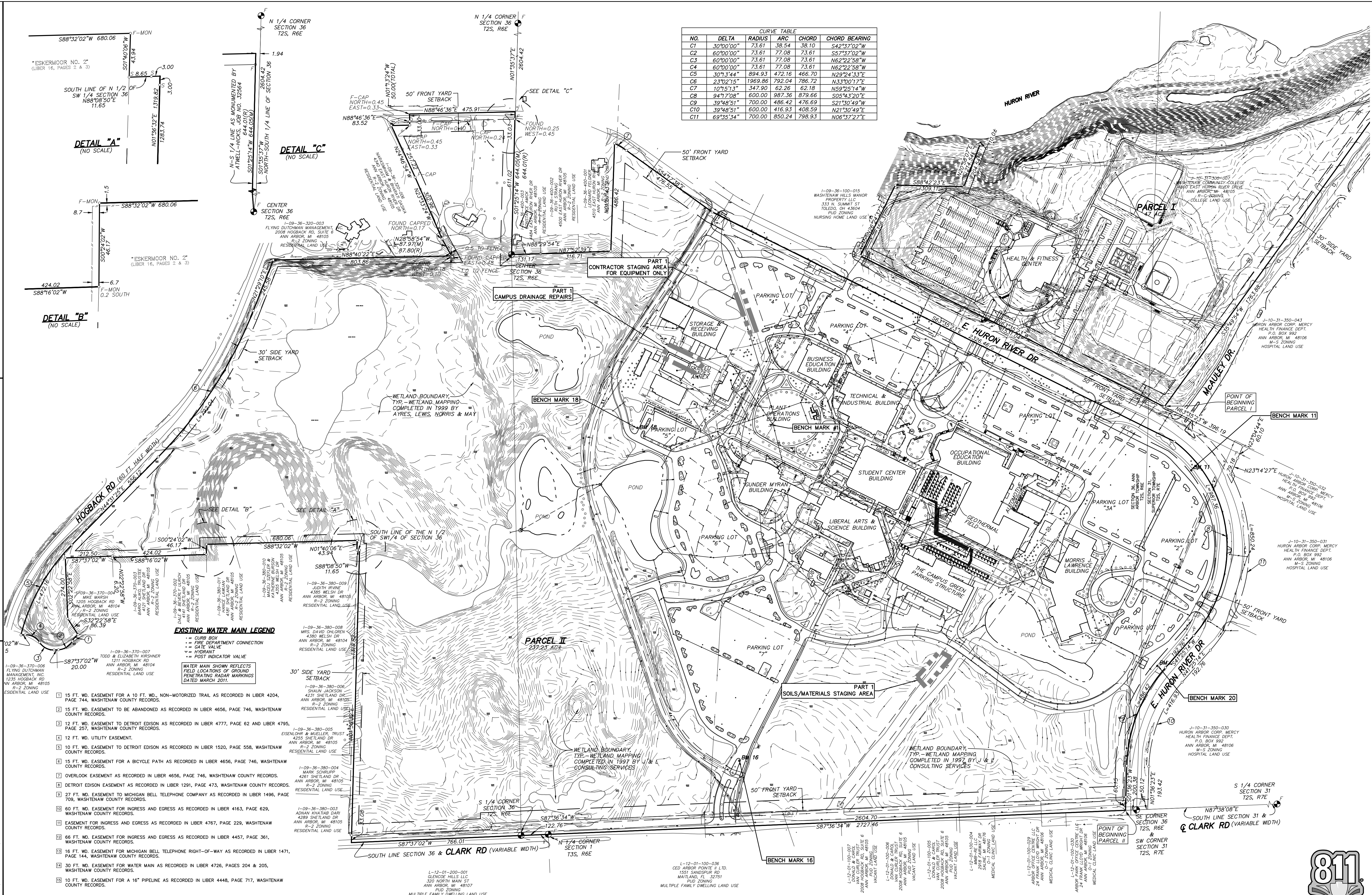
SECTION 36 TOWN 2 SOUTH RANGE 6 EAST  
ANN ARBOR TOWNSHIP  
WASHTENAW COUNTY • MICHIGAN  
DATE 7-28-2026 JOB NO. 33282  
DWG NO. 282-01-excor 04  
FIELD BOOK NONE  
FILE NO. 171016  
2 SHEET

PROJECT **CAMPUS WIDE DRAINAGE REPAIRS**  
**PROJECT #75297**  
**PART 1**

OVERALL  
EXISTING CONDITIONS

WASHTENAW  
COMMUNITY COLLEGE  
4800 E. HURON RIVER DR  
ANN ARBOR, MI 48105  
TEL 734-973-3300  
www.wccnet.edu

WASHTENAW  
ENGINEERING  
CIVIL ENGINEERS  
PLANNERS • SURVEYORS  
LANDSCAPE ARCHITECTS  
3526 W. LIBERTY RD  
ANN ARBOR, MI 48103  
TEL 734-761-8800



| CURVE TABLE |           |         |        |        |
|-------------|-----------|---------|--------|--------|
| NO.         | DELTA     | RADIUS  | ARC    | CHORD  |
| C1          | 30°00'00" | 73.61   | 38.54  | 38.10  |
| C2          | 60°00'00" | 73.61   | 77.08  | 73.61  |
| C3          | 60°00'00" | 73.61   | 77.08  | 73.61  |
| C4          | 60°00'00" | 73.61   | 77.08  | 73.61  |
| C5          | 30°13'44" | 894.93  | 472.16 | 466.70 |
| C6          | 23°02'15" | 1969.86 | 792.04 | 786.72 |
| C7          | 10°51'13" | 347.90  | 62.26  | 62.18  |
| C8          | 94°9'08"  | 600.00  | 987.36 | 879.66 |
| C9          | 39°48'51" | 700.00  | 486.42 | 476.69 |
| C10         | 39°48'51" | 600.00  | 416.93 | 408.59 |
| C11         | 69°35'34" | 700.00  | 850.24 | 798.93 |

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• = SOIL BORING

EXISTING SIGN LEGEND

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3 = NO PARKING FIRE LANE  
4 = CAMPUS DIRECTIONAL  
5 = BARRIER FREE PARKING

**SCALE**  
0 100 200 400  
SCALE: 1"=200'

PREPARED BY *Joseph K. Maynard*  
JOSEPH K. MAYNARD P.E., MICH No. 52559



Know what's below.  
Call before you dig.



SECTION 36 TOWN 2 SOUTH RANGE 6 EAST  
ANN ARBOR TOWNSHIP  
WASHTENAW COUNTY • MICHIGAN  
DATE 7-28-2026 JOB NO. 33282  
DWG NO. 282-01-excor 04  
FIELD BOOK NONE  
FILE NO. 171016  
2 SHEET

PROJECT **CAMPUS WIDE DRAINAGE REPAIRS**  
**PROJECT #75297**  
**PART 1**

OVERALL  
EXISTING CONDITIONS

WASHTENAW  
COMMUNITY COLLEGE  
4800 E. HURON RIVER DR  
ANN ARBOR, MI 48105  
TEL 734-973-3300  
www.wccnet.edu

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CIVIL ENGINEERS  
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LANDSCAPE ARCHITECTS  
3526 W. LIBERTY RD  
ANN ARBOR, MI 48103  
TEL 734-761-8800



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THE OWNER SHALL NOT USE OR ALLOW ANY OTHER PERSON TO USE THE DRAWINGS, SPECIFICATIONS, TELEPHONE RECORDS, OR ANY OTHER INSTRUMENTS OF SERVICE, OR ANY PART THEREOF, FOR ANY OTHER PROJECT, OR FOR COMPLETION OF THE PROJECT BY OTHERS SO LONG AS WASHTENAW ENGINEERING COMPANY (MECO) IS NOT ADDED TO BE IN DEFAULT UNDER THIS AGREEMENT. THE OWNER SHALL INDEMNIFY AND HOLD HARMLESS MECO, MECO'S CONSULTANTS AND AGENTS AND EMPLOYEES OF ANY OF THEM FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES, ARISING OUT OF OR UNAUTHORIZED REUSE OF DRAWINGS, SPECIFICATIONS, TELEPHONE DATA OR OTHER INSTRUMENTS OF SERVICE.

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WASHTENAW COUNTY SOIL SURVEY CLASSIFICATION  
StB - ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES  
..... SOILS BOUNDARY

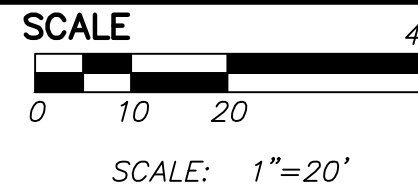
SOILS ARE BASED ON USDA SOIL SURVEY OF WASHTENAW COUNTY.



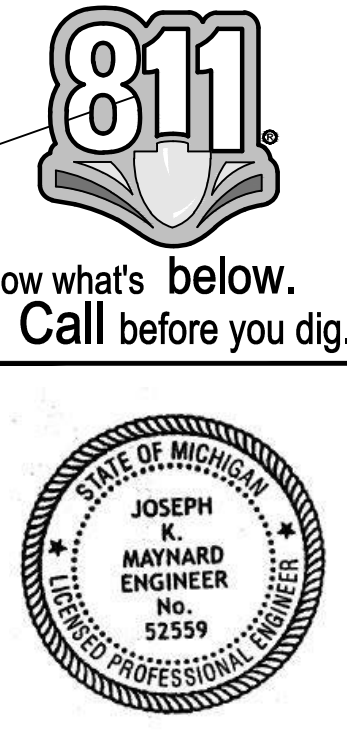
| LEGEND |                |  |              |  |                      |
|--------|----------------|--|--------------|--|----------------------|
|        | = LIGHT POLE   |  | = SPOT ELEV. |  | TC = TOP OF CURB     |
|        | = UTILITY POLE |  | = POST       |  | TW = TOP OF WALL     |
|        | = GUY ANCHOR   |  | = MANHOLE    |  | = FENCE              |
|        | = HYDRANT      |  | = GATE VALVE |  | = CONCRETE           |
|        |                |  | = SIGN       |  | = ASPHALT            |
|        |                |  |              |  | = GRAVEL             |
|        |                |  |              |  | = EXISTING STORM     |
|        |                |  |              |  | = EXISTING SANITARY  |
|        |                |  |              |  | = EXISTING WATER     |
|        |                |  |              |  | = EXISTING GAS       |
|        |                |  |              |  | = EXISTING ELECTRIC  |
|        |                |  |              |  | = EXISTING TELEPHONE |

BENCHMARK BM1=TOP NUT ON HYDRANT, 50'± NORTH OF PLANT OPERATIONS BUILDING, ELEV=804.77 (NAVD 88).  
BM2=TOP OF NORTH END OF LIGHTPOLE BASE, 28'± SE'LY OF THE NORTHEAST CORNER OF PLANT OPERATIONS BUILDING, ELEV=800.07 (NAVD 88).

REVISIONS 7-30-2026 PER OWNER



PREPARED BY   
JOSEPH K. MAYNARD P.E., MICH No. 52559



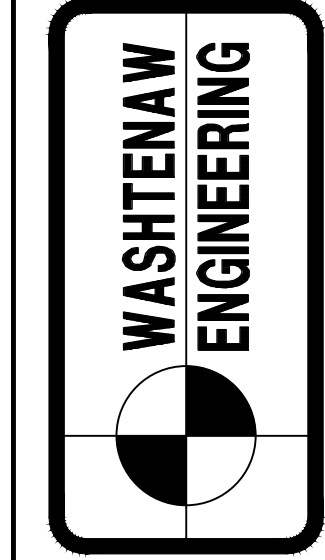
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|                             |                 |                      |         |      |
|-----------------------------|-----------------|----------------------|---------|------|
| SECTION 36                  | TOWN 2          | SOUTH                | RANGE 6 | EAST |
| ANN ARBOR TOWNSHIP          |                 |                      |         |      |
| WASHTENAW COUNTY • MICHIGAN |                 |                      |         |      |
| DATE 7-28-2026              | JOB NO. 33282   | DWG NO. 282-pl-excon |         |      |
|                             | FIELD BOOK NONE | FILE NO. 11016       |         |      |
| 3                           | SHEET           |                      |         |      |

PROJECT AREA  
EXISTING CONDITIONS

WASHTENAW  
COMMUNITY COLLEGE  
4800 E. HURON RIVER DR  
ANN ARBOR, MI 48105  
TEL 734-973-3300  
www.wccnet.edu



CIVIL ENGINEERS  
PLANNERS • SURVEYORS  
LANDSCAPE ARCHITECTS  
3526 W. LIBERTY RD  
ANN ARBOR, MI 48103  
TEL 734-761-8800



WASHTENAW ENGINEERING COMPANY (WECO) IS NOT ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT. THE OTHERS SO LONG AS WASHTENAW ENGINEERING COMPANY (WECO) IS NOT ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT. THEREWITH WITHOUT WECO'S PROFESSIONAL INVOLVEMENT WILL BE AT THE OWNER'S SOLE RISK AND WITHOUT LIABILITY TO WECO. THE OWNER SHALL INDEMNIFY AND HOLD HARMLESS WECO, WECO'S CONSULTANTS AND AGENTS AND EMPLOYEES OF ANY OF THEM FROM AND AGAINST CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES ARISING OUT OF OR FROM SUCH CLAIMS, DAMAGES, LOSSES, AND EXPENSES, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THE PROJECT BY ANY OTHER INSTRUMENTS OF SERVICE ON OTHER PROJECTS.

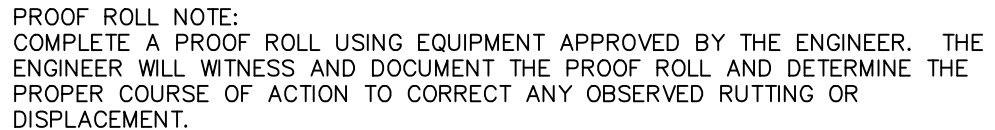
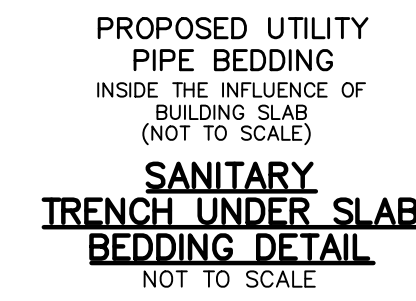
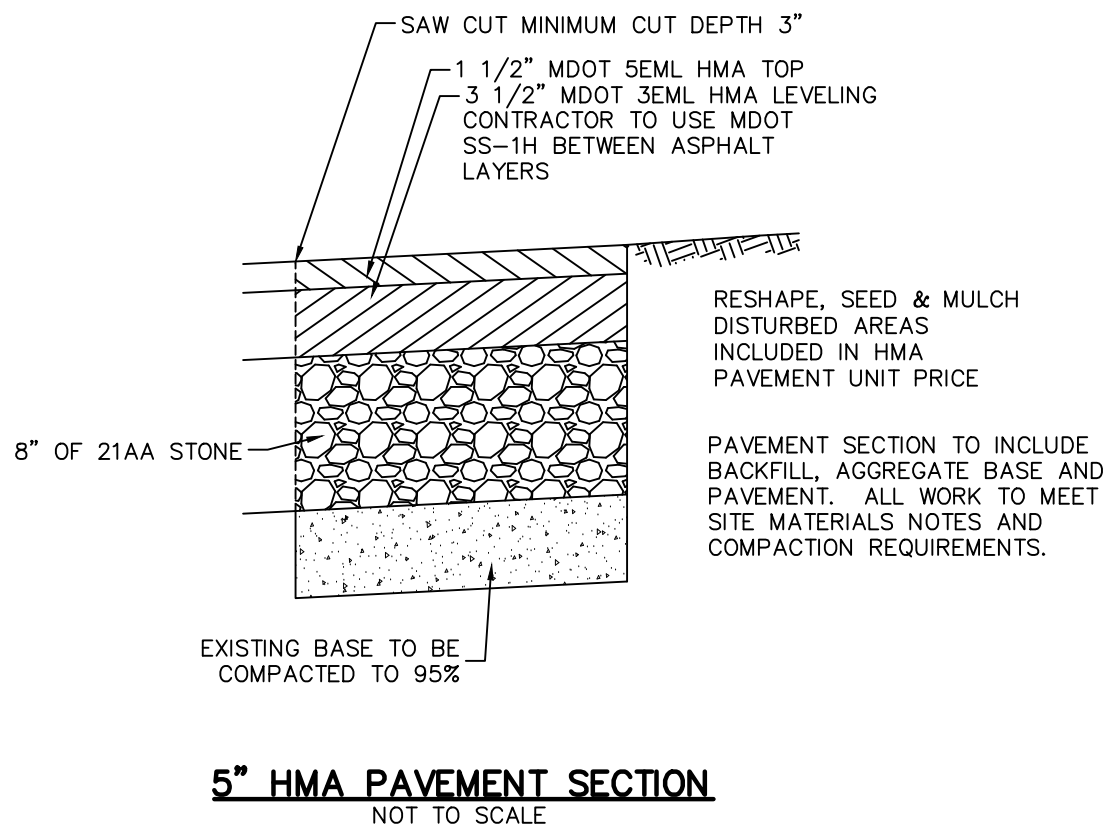
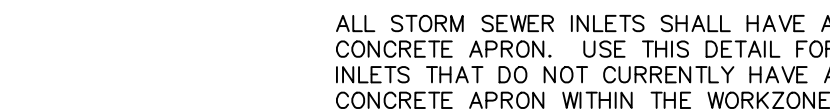
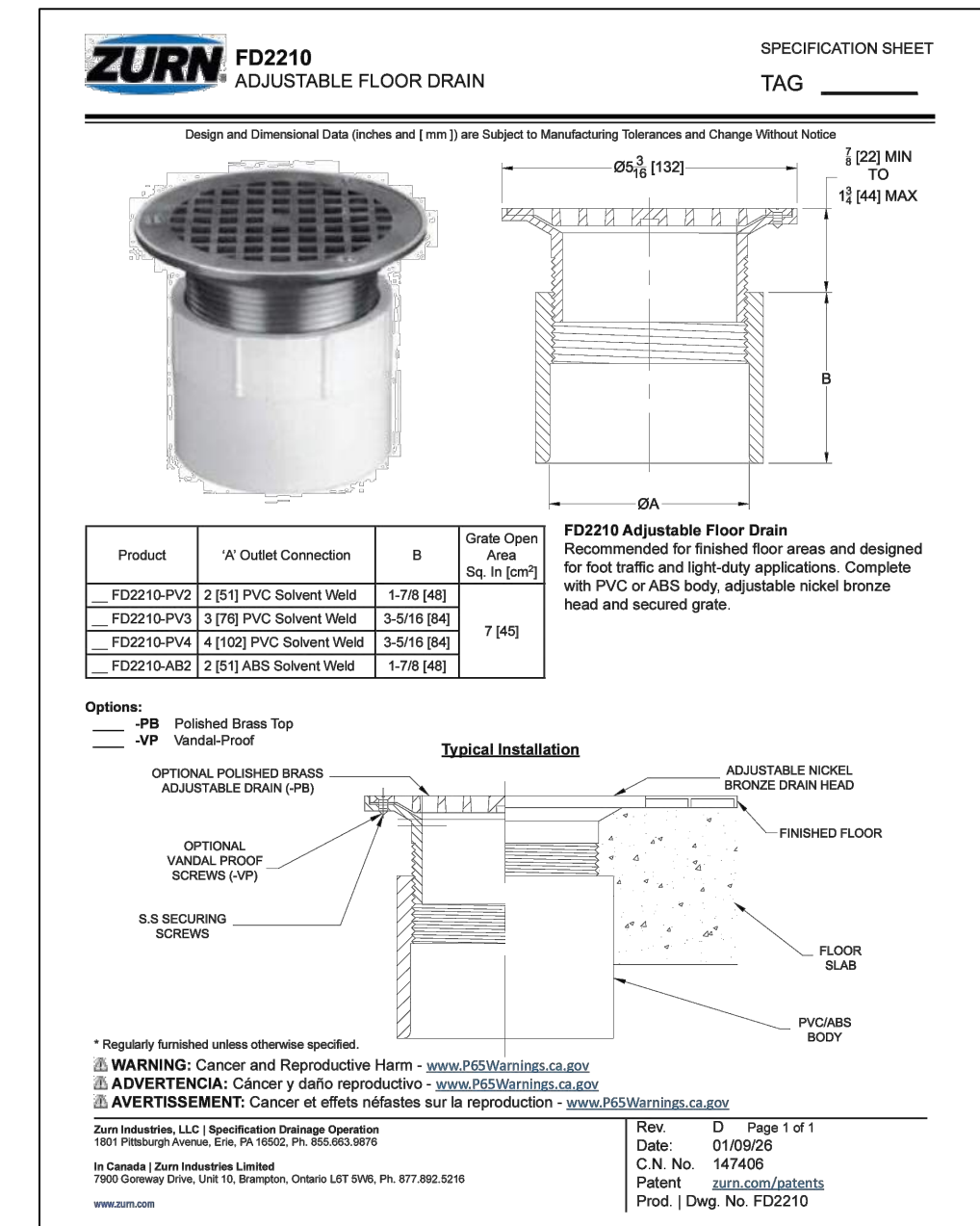
4  
SHEE

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COMMUNITY COLLEGE**  
4800 E. HURON RIVER DR  
ANN ARBOR, MI 48105  
TEL 734-973-3300  
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# SITE PLAN



MEMBERS SO LONG AS WASHINGTON ENGINEERING COMPANY (WECO) IS NOT TO BE IN DEFAULT UNDER THIS AGREEMENT. WITHOUT WECO'S PROFESSIONAL INVOLVEMENT WILL BE AT THE OWNER'S SOLE RISK AND WITHOUT LIABILITY TO WECO. THE OWNER SHALL INDEMNIFY AND HOLD HARMLESS WECO, WECO'S CONSULTANTS AND AGENTS AND EMPLOYEES OF ANY OF THEM FROM AND AGAINST CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES, ARISING OUT OF OR FROM ANY INSTRUMENTS OF SERVICE ON OTHER PROJECTS, FOR ADVISING TO THIS PROJECT OR FOR COMPLETION OF THE PROJECT BY OTHERS SO LONG AS WASHINGTON ENGINEERING COMPANY (WECO) IS NOT TO BE IN DEFAULT UNDER THIS AGREEMENT.



SITE MATERIALS NOTES:

1. ALL MATERIALS AND COMPACTION REQUIREMENTS SHALL MEET MDOT STANDARDS.
2. ALL CONCRETE CURBING SHALL HAVE A MIN 4" LAYER OF 21AA CRUSHED LIMESTONE COMPACTED IN PLACE UNDER THE CURB.
3. ALL MATERIALS ARE TO BE COMPACTED TO THE REQUIREMENTS LISTED IN DIVISION 3 OF THE M.D.O.T. 2020 STANDARD SPECIFICATIONS FOR CONSTRUCTION.

COMPACTION NOTE:  
USE OF NUCLEAR DENSITY GAUGE REQUIRES MEASURING THE PAVEMENT DENSITY USING THE THEORETICAL MAXIMUM SPECIFIC GRAVITY (Gmm) FROM THE JOB MIX FORMULA (JMF) FOR THE DENSITY CONTROL TARGET. THE REQUIRED IN-PLACE DENSITY OF THE HOT MIX ASPHALT (HMA) MIXTURE MUST BE 92.0 TO 98.0 PERCENT OF THE DENSITY CONTROL TARGET. NUCLEAR TESTING AND FREQUENCY WILL BE IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION (MDOT) DENSITY AND INSPECTION MANUAL.

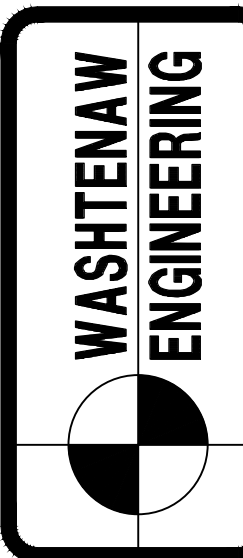
PROOF ROLL NOTE:  
COMPLETE A PROOF ROLL USING EQUIPMENT APPROVED BY THE ENGINEER. THE  
ENGINEER WILL WITNESS AND DOCUMENT THE PROOF ROLL AND DETERMINE THE  
PROPER COURSE OF ACTION TO CORRECT ANY OBSERVED RUTTING OR  
DISPLACEMENT.



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TEL 734-973-3300

## DETAILS

SHEET

# PROJECT CAMPUS WIDE

## DRAINAGE REPAIRS

# PART 1

SECTION 30 TOWN 2 SOUTH RANGE 0 EAST

ANN ARBOR TOWNSHIP

|                |                    |
|----------------|--------------------|
| DATE 7-28-2026 | JOB NO. 33282      |
| SY             | DWG NO. 282-01-def |

5  
FIELD BOOK NONE

5  
HEET

SECTION

DATE 7-  
S-

5  
HEET



