

WASHTENAW COMMUNITY COLLEGE HFC PARKING LOT FIRE REPAIR PROJECT #75350

WCC MAIN CAMPUS

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

PROJECT DESCRIPTION

THIS PROJECT IS LOCATED ON THE NORTH 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 DEVELOPED AS A HEALTH AND FITNESS CENTER. THERE IS A CENTRAL BUILDING WITH MULTIPLE PARKING AREAS, SPORTS FIELDS, SIDEWALKS AND WALKING PATHS. THERE IS AN EXISTING STORM WATER SYSTEM WITH A DETENTION BASIN AND SEWER PIPE. THE MAIN COLLEGE IS ON THE SOUTH SIDE OF E HURON RIVER DR.. TO THE EAST THERE IS THE TRINITY HEALTH ANN ARBOR HOSPITAL.

THE PROPOSED WORK IS FOR CLEANING AND REPAIR TO AN AREA OF PAVEMENT IN THE WEST PARKING AREA THAT SUFFERED A VEHICLE FIRE. THE AREA HAS SPECIAL REQUIREMENTS AS THE PAVEMENT WAS DESIGNED AS PERMEABLE PAVEMENT.

CONTRACTOR BID NOTES:

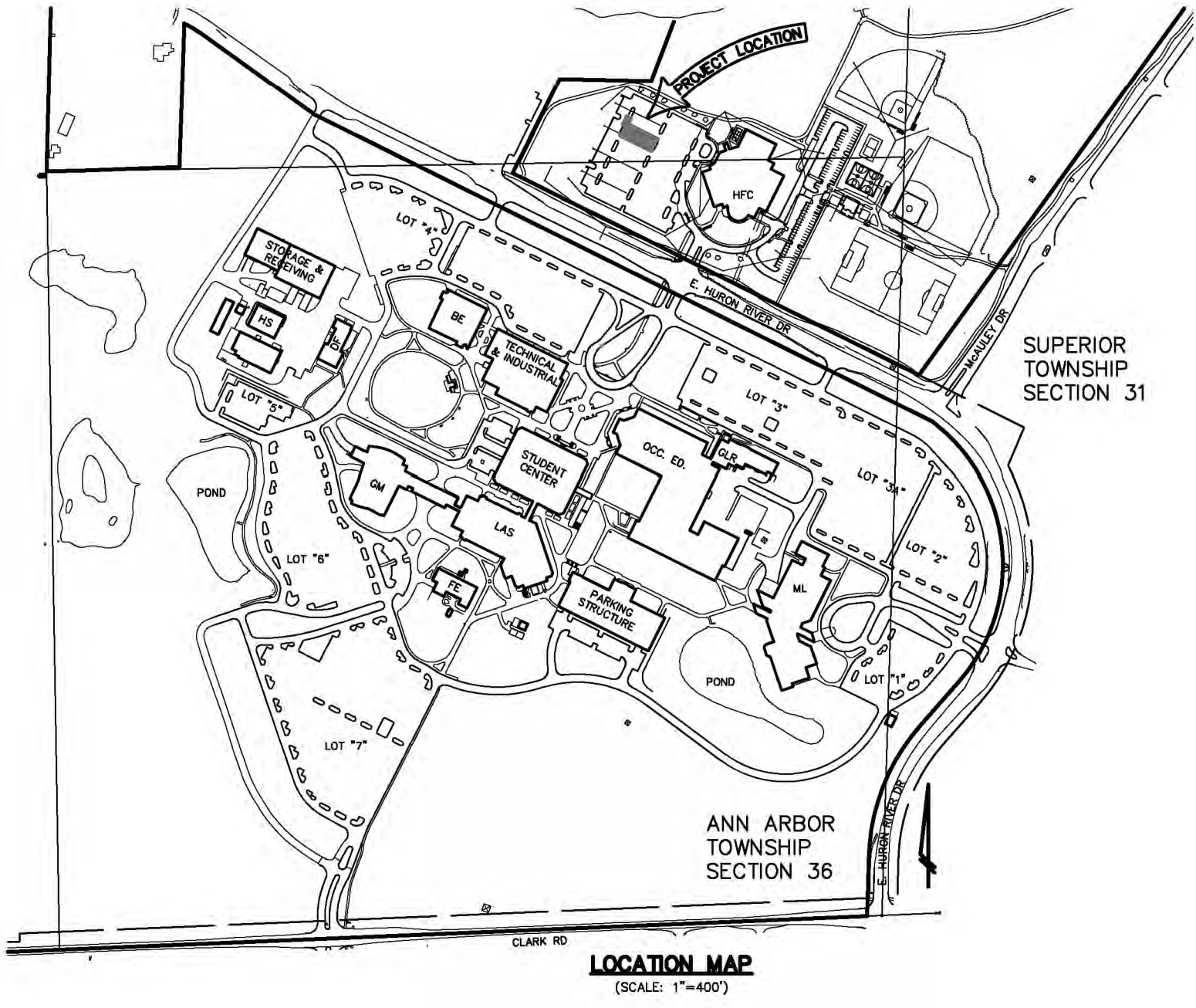
- THE CONTRACTOR SHALL PROVIDE A WORK PLAN AND SCHEDULE ON OBTAINING ALL NECESSARY PERMITS, MATERIALS AND PROCUREMENT OF LONG LEAD ITEMS FOR WORK TO BEGIN AND COMPLETE. THIS SHALL BE SUBMITTED TO OWNER 2 WEEKS PRIOR TO AWARD OF CONTRACT.
- THE CONTRACTOR SHALL NOTE THAT THIS PROJECT SITE IS WITHIN THE BOUNDARIES OF TWO TOWNSHIPS: ANN ARBOR TOWNSHIP AND SUPERIOR TOWNSHIP. THE CONTRACTOR SHALL COORDINATE PERMITTING APPROVALS FOR WORK PERTAINING TO EACH TOWNSHIP. NOTE THAT THIS PROPOSED WORK IS ONLY WITHIN ANN ARBOR TOWNSHIP.
- WCC REQUEST THAT THIS BID INCLUDES A MANDATORY CONTINGENCY ALLOWANCE OF \$10,000.00 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.
- 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.

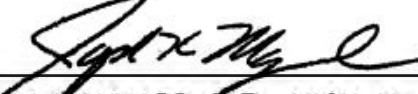
PERMITS ARE CONTRACTORS RESPONSIBILITY TO SECURE.

ANN ARBOR TOWNSHIP SOIL EROSION

ENGINEER WILL INSPECT SESC MEASURES ON SITE AND COORDINATE REPAIRS AND MAINTENANCE AS NEEDED.

SHEET TITLE	SHEET NO.
COVER SHEET	1
OVERALL EXISTING CONDITIONS	2
FIRE DAMAGE REPAIRS AND DETAILS	3



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

CONSTRUCTION NOTES:

- IT IS ESSENTIAL THAT THE CONTRACTOR FAMILIARIZE HIMSELF 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 MDOT CLUI 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 SUBMIT A DETAILED CONSTRUCTION SCHEDULE FOR THE PROJECT PRIOR TO CONSTRUCTION.
- ALL DISTURBED LAWN AREAS SHALL BE RESTORED BACK TO EXISTING CONDITIONS. INCLUDING DUG UP LOCATIONS, TIRE MARKS OR STORED DIRT SPACES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VIDEO OF EXISTING CONDITIONS PRIOR TO START OF WORK.
- THE CONTRACTOR IS TO SPECIFY ALL PARKING AND LANE CLOSURES TO WASHTENAW COMMUNITY COLLEGE PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT ALL MATERIAL AND SHOP DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO STARTING WORK.

OWNER/APPLICANT

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

THE OWNER SHALL NOT USE OR ALLOW ANY OTHER PERSON TO USE THE DRAWINGS, SPECIFICATIONS, TELEPHONE RAY, AND OTHER INSTRUMENTS OF SERVICE ON OTHER PROJECTS. FOR ADDITIONS TO THIS PROJECT, OR FOR COMPLETION OF THE PROJECT BY OTHERS SO LONG AS WASHTENAW ENGINEERING COMPANY (MECO) IS NOT ADJOINED 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 ATTORNEYS' FEES, ARISING OUT OF OR FROM THE PROJECT, INCLUDING THE REUSE OF 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 GUARANTEES 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 ACCURATE AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

ANN ARBOR CHARTER TOWNSHIP

GENERAL

1. THE ANN ARBOR CHARTER TOWNSHIP ORDINANCE IS MORE RESTRICTIVE THAN PART 91 AND THE RULES AS IT GOVERNS ALL EARTH CHANGES REGARDLESS OF SIZE, UNLESS OTHERWISE SPECIFIED.
2. THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN THE SOIL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AT ALL TIMES DURING CONSTRUCTION ON THIS PROJECT. ANY MODIFICATIONS TO THE SOIL EROSION CONTROL MEASURES DUE TO CONSTRUCTION OR CHANGED CONDITIONS, SHALL BE COMPLIED WITH AS REQUIRED OR DIRECTED BY THE OWNER, PROJECT ENGINEER OR ANN ARBOR TOWNSHIP.
3. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES TO THE PERMIT REQUIREMENTS OF ANN ARBOR TOWNSHIP AND THE LAWS OF THE STATE OF MICHIGAN.
4. AN APDES CONSTRUCTION ACTIVITY PERMIT IS REQUIRED FOR ALL SITES GREATER THAN 5 ACRES.
5. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR, PERIODIC INSPECTIONS MAY BE MADE BY THE OWNER/PROJECT ENGINEER/TOWNSHIP TO DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROL MEASURES. ANY NECESSARY CORRECTIONS SHALL BE MADE WITHOUT DELAY.
6. EROSION AND SEDIMENTATION FROM WORK ON THE SITE SHALL BE CONTAINED ON THE SITE AND NOT BE ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS.
7. ALL MUD/DIRT TRACKED ONTO ROADS FROM THE SITE DUE TO CONSTRUCTION, SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
8. RESTORATION OF ALL DISTURBED AREAS, INCLUDING PLACEMENT OF TOPSOIL, SEED, FERTILIZER AND MULCH AND/OR SOD SHALL BE DONE WITHIN 5 DAYS OF THE COMPLETION OF FINAL GRADE.
9. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE SOIL EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION IN CRITICAL AREAS AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACKFILLING OPERATIONS.
10. SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
11. PROPER DUST CONTROL SHALL BE MAINTAINED DURING CONSTRUCTION BY USE OF WATER TRUCKS AND/OR CHLORIDE AS REQUIRED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY SOIL EROSION CONTROL MEASURES AND REMOVAL OF SOME UNAUTHORIZED COMPLETION OF PROJECT. COMPLETION OF PROJECT WILL NOT BE AUTHORIZED UNTIL ALL SITE WORK, HOME BUILDING, ROAD WORK AND UTILITY CONSTRUCTION IS COMPLETE AND ALL SOILS ARE STABILIZED.
13. THE CONTRACTOR SHALL NOT GRADE IN EXISTING WETLAND OR CONSERVATION AREAS TO BE PROTECTED. SILT FENCE SHALL BE INSTALLED AND MAINTAINED ADJACENT TO EXISTING WETLAND AND CONSERVATION AREAS TO PREVENT GRADING, EROSION AND SEDIMENTATION INTO THEM.
14. TREE PROTECTION FENCING MUST REMAIN INTACT UNTIL RESTORATION OF THE SITE IS COMPLETE.

NOTE: A FIELD PRE-CONSTRUCTION MEETING MUST BE HELD PRIOR TO ANY EARTH-CHANGE ACTIVITY.

NOTE: ANY SOIL STOCKPILE AREAS SHALL HAVE SILT FENCE INSTALLED AND MAINTAINED AROUND THE PERIMETER.

SEQUENCE OF CONSTRUCTION

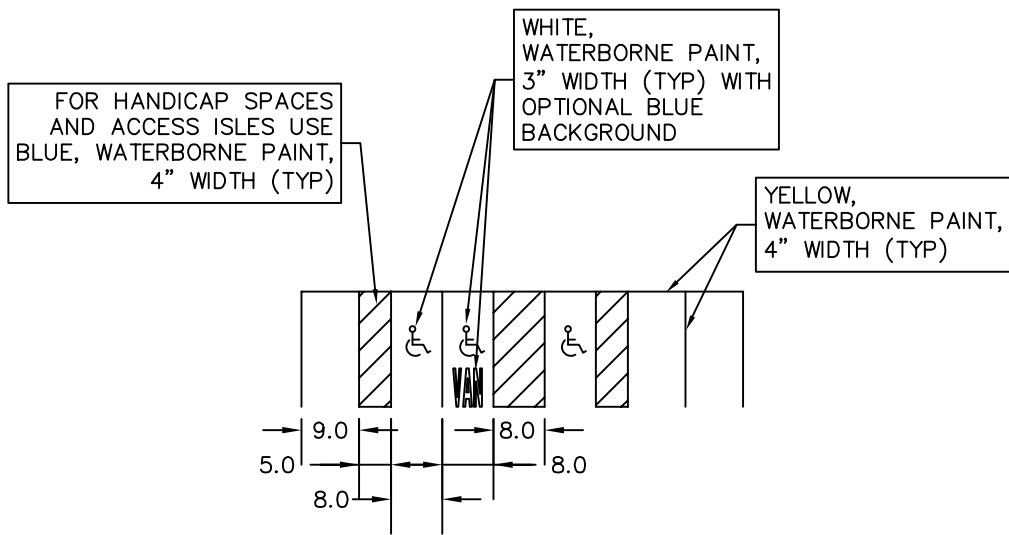
1. INSTALL PARKING LOT INLET FILTERS.
2. REMOVE EXISTING PERMEABLE PAVEMENT.
3. REMOVE 2" FILTER STONE.
4. CLEAN BASE MATERIAL PRIOR TO PLACEMENT OF BINDER.
5. PLACE HMA ASPHALT PAVEMENT.
6. COMPLETE CONSTRUCTION OF SITE.
7. INSURE ALL SOIL IS STABILIZED. REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES.

CATCH BASIN/MANHOLE PROTECTION

1. PROTECT STORM SEWER CATCH BASINS WITH DANDY PRODUCTS INC. OR APPROVED EQUIVALENT AS FOLLOWS:
 - 1.a. DANDY SACK FOR 1040 STORM COVERS.
 - 1.b. DANDY CURB BAG FOR ALL CURB STRUCTURES.
 - 1.c. DANDY SOCK FOR ALL DETENTION POND OUTLET STRUCTURES.

ROADS

1. DURING CONSTRUCTION, ALL ROADS SHALL BE PROTECTED FROM UNVEGETATED AREAS WASHING ONTO ROAD SURFACES BY PLACEMENT OF SILT FENCE BEHIND CURB OR A 10 FOOT WIDE STRAW MULCH BANK BEHIND CURB OR OTHER APPROVED METHOD AND/OR AS SHOWN ON THE PLANS.
2. DURING CONSTRUCTION OF ANY PORTION OF THE PROJECT, ROADS SHALL BE MAINTAINED FREE OF DIRT, SILT AND CONSTRUCTION DEBRIS.



PARKING SPACE PAVEMENT MARKING NOTES.

1. PARKING LINES ARE TO BE 4" WIDE. USE YELLOW WATERBORNE PAINT APPLIED IN TWO COATS. CONTRACTOR TO WAIT AT LEAST 3 DAYS AFTER FINAL PAVING TO APPLY PAINT.
2. PARKING SPACE DIMENSIONS ARE A MINIMUM OF 9 FT WIDTH AND 18 FT DEPTH. HANDICAP SPACE DIMENSIONS ARE A MINIMUM 8 FT WIDTH WITH A 5 FT ACCESS ISLE ADJACENT. FOR VAN ACCESSIBLE SPACES THE DIMENSIONS ARE A MINIMUM OF 11 FT WIDTH WITH A 5 FT ACCESS ISLE ON THE RIGHT HAND SIDE OR A MINIMUM OF 8 FT WIDTH WITH A 5 FT ACCESS ISLE ON THE RIGHT HAND SIDE.
3. BLUE LINES ARE TO BE USED FOR HANDICAP SPACE LINES AND ACCESS ISLE MARKINGS.
4. HANDICAP SYMBOL FOR PARKING SPACES IS TO BE 3" MINIMUM STROKE WIDTH. USE WHITE WATERBORNE PAINT APPLIED IN TWO COATS. THE SYMBOL HEIGHT IS TO BE A MINIMUM OF 28 INCHES. AN OPTIONAL BLUE BACKGROUND AND WHITE BORDER ARE OPTIONAL.



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MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET
S-E-S-C KEYING SYSTEM

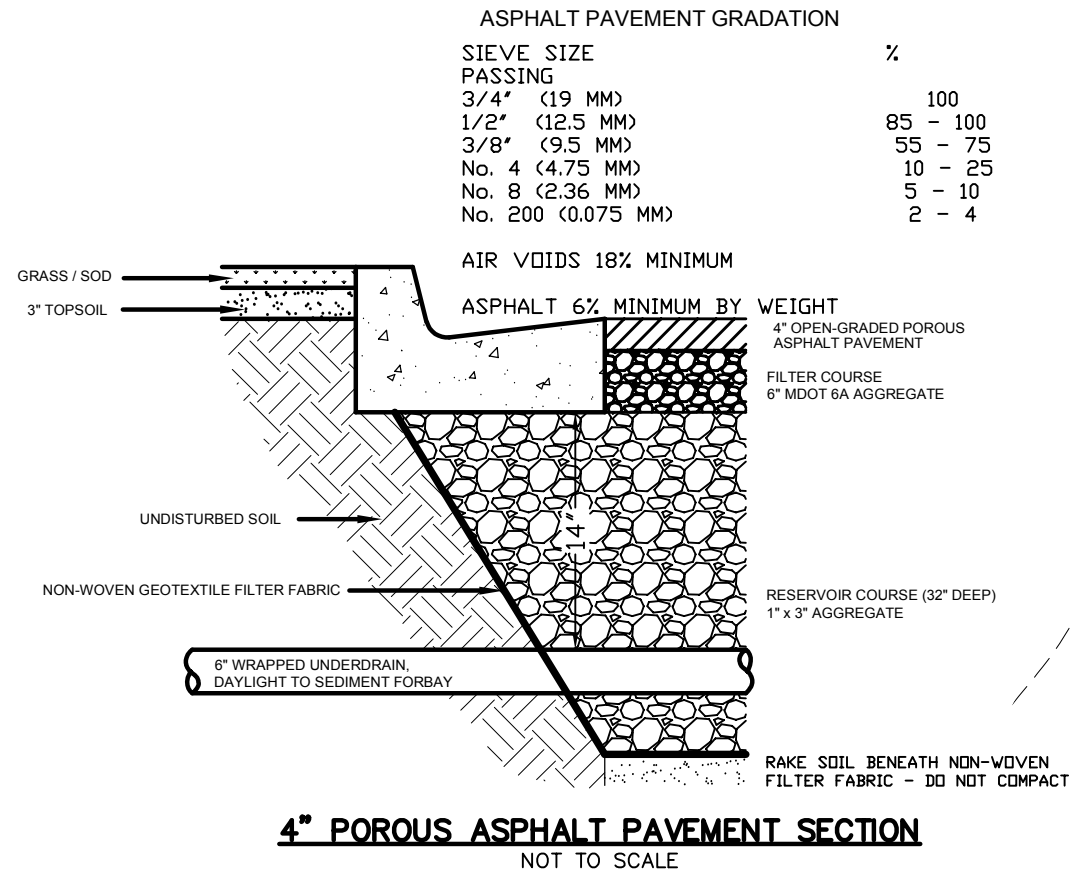
KEY	BEST MANAGEMENT PRACTICES	SYMBOL	WHERE USED
ES33	FILTER ROLLS	B	In areas requiring immediate protection of slopes against surface erosion and gully formation and for perimeter sediment control.
----- = LIMITS OF CONSTRUCTION			
----- = FILTER ROLLS (COIR LOGS)			
T = TEMPORARY P = PERMANENT			
← = FLOW ARROW			

NOTES:

1. SURROUNDING PAVEMENT IS PERMEABLE ASPHALT AND SHALL BE KEPT CLEAR OF EXCESSIVE DUST, DEBRIS AND EQUIPMENT TRACKING.
2. SURROUNDING AREA SHALL BE SWEEP WITH A NEGATIVE PRESSURE VACUUM TRUCK.
3. ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF OFFSITE AT AN APPROVED LOCATION.
4. CONTRACTOR TO PROVIDE ALL PAINT MARKINGS FOR PARKING SPACES PER DETAILS.



☆ = LIGHT POLE	SPOT ELEV.	TC = TOP OF CURB	--- = GRAVEL	r = EXISTING STORM
○ = UTILITY POLE	POST	TW = TOP OF WALL	--- = FENCE	s = EXISTING SANITARY
○ = GUY ANCHOR	MANHOLE	○ = MANHOLE	--- = CONCRETE	w = EXISTING WATER
○ = HYDRANT	GATE VALVE	□ = CATCHBASIN	--- = ASPHALT	g = EXISTING GAS
	SIGN	□ = END SECTION		e = EXISTING ELECTRIC
				t = EXISTING TELEPHONE
				c = EXISTING CABLE



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.

WASHTENAW COMMUNITY COLLEGE HEALTH & FITNESS PARKING LOT DAMAGE REPAIRS		ENGINEER'S OPINION OF PROBABLE COSTS	
		DATE: Prepared By: JOE MAYNARD	4/24/2026
ITEM DESCRIPTION	ESTIMATED QUANTITIES	UNIT USED	AMOUNT
COIR LOG ROLLS	70	LF	25.00
			1,750.00
		TOTAL:	1,750.00
Protection of all exposed soil surfaces from erosion should work discontinue			
Restoration - includes topsoil distribution, mulch & seed			
	0.33	Acre	500.00
		TOTAL:	165.00

MAINTENANCE SCHEDULE DURING CONSTRUCTION

Tasks	Collection System			Storm Water Management Basin				Scheduled Frequency
	Storm Sewer System	Catch Basin Sumps	Catch Basin Inlets	Sediment Basin	Outlet Structure	Storm Detention Area	Emergency Overflow	
Inspect for Sediment Accumulation	X	X		X	X	X		Weekly
Removal of Sediment Accumulation	X	X		X	X	X		As Needed ¹ & prior to Acceptance
Inspect for floatables and debris			X	X	X	X		Weekly
Removal of floatables and debris			X	X	X	X		As Needed & prior to Acceptance
Inspect during wet weather & after major storms	X	X	X	X	X	X	X	As Needed
Repair Storm Damage to System and Erosion Control	X		X				X	As Needed
The General Contractor will be responsible for installation and maintenance during construction.								
[1] As Needed means when sediment has accumulated to a maximum of one foot.								

MAINTENANCE SCHEDULE AFTER CONSTRUCTION (PERMANENT)

Tasks	Collection System			Storm Water Management Basin				Scheduled Frequency
	Storm Sewer System	Catch Basin Sumps	Catch Basin Inlets	Sediment Basin	Outlet Structure	Storm Detention Area	Emergency Overflow	
Inspect for Sediment Accumulation	X	X		X	X	X		Annually
Removal of Sediment Accumulation	X	X		X	X	X		As Needed ¹
Inspect for floatables and debris			X	X	X	X		Annually
Removal of floatables and debris			X	X	X	X		As Needed ¹
Inspection comparing to as-built records after major storms by a Professional Engineer	X	X	X	X	X	X	X	Minimum Annually and As Needed
Repair Storm Damage to System and Permanent Erosion Control	X		X				X	As Needed
Keep records on site of all maintenance inspections, actions and costs								Annually
Washtenaw Community College will be responsible for maintenance after construction.								
[1] As Needed means when sediment has accumulated to a maximum of one foot.								

Item No.	Description	Annual Cost
1	Annual inspection for sediment accumulation	\$90.00
2	Removal of sediment accumulation every 2 years as needed	\$1,200.00
3	Inspect for floatable & debris annually and after major storms	\$180.00
4	Removal of floatables and debris annually and after major storms	\$180.00
5	Wet Weather Inspections and Report by Professional Engineer	\$360.00
6	Records Maintenance	\$90.00
	Estimated Annual Maintenance Cost	\$2,100.00

BENCHMARK			
NO.	NORTHING	EASTING	ELEVATION
BM11	279081.75	13314586.53	820.68
BM16	277772.12	13312548.68	816.93
BM18	279273.23	13312089.03	787.00
BM20	278199.37	13314433.30	820.33
COORDINATE VALUES ARE IN THE MICHIGAN COORDINATE SYSTEM OF 1983, SOUTH ZONE.			
DATUM=NAVD 88			

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

PROPOSED LEGEND

- = CONSTRUCTION LIMITS
- = CONSTRUCTION BARRELL

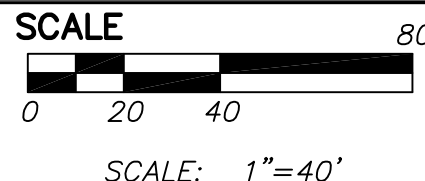
WASHTENAW COUNTY SOIL SURVEY CLASSIFICATION

- S1B - ST. CLAIR CLAY LOAM, 2 TO 6 PERCENT SLOPES
- • • • • = SOILS BOUNDARY

SOILS ARE BASED ON USDA SOIL SURVEY OF WASHTENAW COUNTY.

2. 15 FT. WD. EASEMENT TO BE ABANDONED AS RECORDED IN LIBER 4656, PAGE 746, WASHTENAW COUNTY RECORDS.
6. 15 FT. WD. EASEMENT FOR A BICYCLE PATH AS RECORDED IN LIBER 4656, PAGE 746, WASHTENAW COUNTY RECORDS.
9. 27 FT. WD. EASEMENT TO MICHIGAN BELL TELEPHONE COMPANY AS RECORDED IN LIBER 1496, PAGE 709, WASHTENAW COUNTY RECORDS.

REVISIONS



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



Know what's below.
Call before you dig.

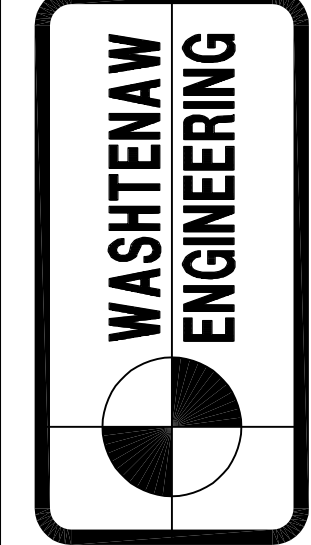


HFC PARKING LOT FIRE REPAIR PROJECT #75350

SITE PLAN PAVEMENT REPAIR

CLIENT

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

SECTION 36 TOWN 2 SOUTH RANGE 6 EAST

DATE 7-22-2026
JOB NO. 33280
DWG NO. 33280 SITE
FIELD BOOK 468, 604
FILE NO. 11007

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SHEET