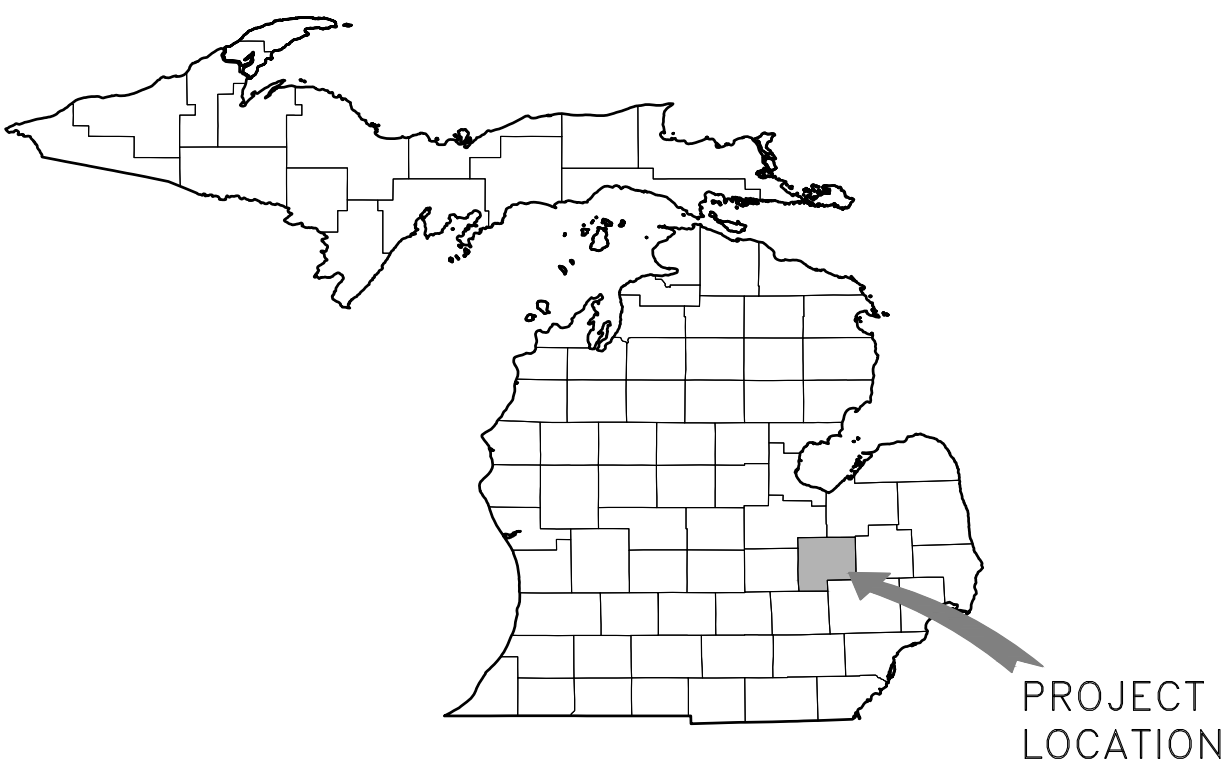


SITE PLANS
FOR
GCHC - FQHC ADDITION
2298 SOUTH CENTER ROAD
SECTION 21, T7N , R7E
GENESEE COUNTY, CITY OF BURTON, MICHIGAN



KEY MAP
NOT TO SCALE

CONTACTS	
OWNER	GENESEE HEALTH SYSTEM 420 WEST 5TH AVE., FLINT, MI 48503 (810) 257-3705 GENHS.ORG
ENGINEER	WADE TRIM GREG SPIESS, PE 25251 NORTHLINE RD, TAYLOR, MI 48180 (734) 947-9700 GSPIESS@WADETRIM.COM
ELECTRIC	CONSUMERS ENERGY COMPANY 3201 E. COURT STREET, FLINT, MI 48506 (810) 760-3506
GAS	CONSUMERS ENERGY COMPANY 3201 E. COURT STREET, FLINT, MI 48506 (810) 760-3506
WATER AND SANITARY SEWER	GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE - WWS G-4610 BEECHER RD. FLINT, MI 48532 (810) 732-7870
SURFACE WATER MANAGEMENT	GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE - WWS 4608 BEECHER RD. FLINT, MI 48532 (810) 732-7870
PLANNING & ZONING	CITY OF BURTON 4093 MANOR DR. BURTON, MI 48519 (810) 742-9230
ROADS	GENESEE COUNTY ROAD COMMISSION PERMIT OFFICE BILL DILORENZO-PERMITS SPECIALIST 211 WEST OAKLEY ST. FLINT, MI 48503-3895 (810) 767-4920 EXT. 242
STORMWATER	GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE - SWM 4608 BEECHER RD. FLINT, MI 48532 (810) 732-1590
SOIL EROSION CONTROL	GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE - WWS G-4610 BEECHER RD. FLINT, MI 48532 (810) 732-7870



SHEET INDEX	
SHEET TITLE	SHEET NUMBER
COVER SHEET	C0.0
EXISTING CONDITIONS PLAN	C1.0
SESC PLAN	C2.0
SESC DETAILS	C2.1
DEMOLITION PLAN	C2.2
SITE PLAN	C3.0
SITE DETAILS	C3.1
GRADING PLAN	C4.0

LEGAL DESCRIPTION:
PARCEL NUMBER: 59-21-529-046
(OBTAINED FROM GENESEE COUNTY GIS MAP DATA)
LOT 69 SUPERVISORS PLAT

JOB NO.		SHEET	
SFA2003.01F		C0.0	
PREPARED UNDER THE SUPERVISION OF:			
GREGORY L. SPIESS, PE		69058 REGISTRATION NO.	

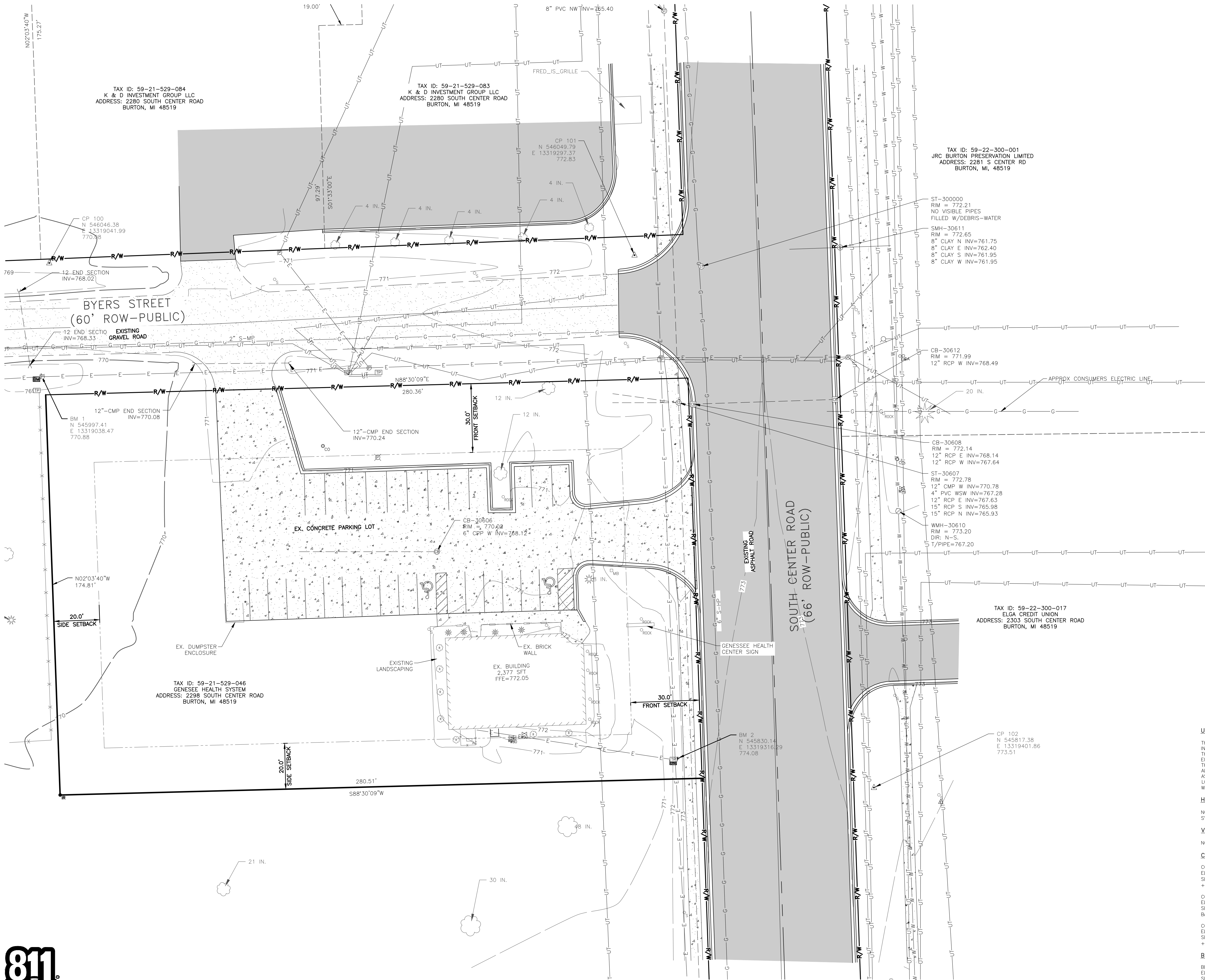
PROJECT MANAGER:KPR
C:\PW_WORK\WADE-TRIM_GSPIESS\01284962\PLTS-COVER SHEET.DWG - C0.0 COVER SHEET - PLOTTED 3/31/2023 9:22 AM BY: SPIESS, GREG



PROJECT MANAGER: KFR
C:\PW\WORK\MADE-TRIM_GSP\SS\1284962\PLTS-EXISTING CONDITIONS.DWG - C1.0 EXISTING CONDITIONS PLAN - PLOTTED 3/31/2023 9:22 AM BY: SPIESS, GREG



Know what's below.
Call before you dig.



EXISTING LEGEND

- MAIL BOX
- ROCK
- SIGN POST
- CATCH BASIN (SQUARE GRATE)
- DECIDUOUS BUSH
- CONIFEROUS BUSH
- CONIFEROUS TREE
- DECIDUOUS TREE
- FIRE HYDRANT
- WATER MANHOLE
- DOMESTIC WATER SHUT OFF
- BENCHMARK
- TRAVERSE POINT
- IRON (FOUND)
- POWER POLE
- SANITARY MANHOLE
- SANITARY SEWER CLEAN OUT
- STORM MANHOLE
- TELEPHONE PEDESTAL
- ELECTRICAL OUTLET
- RIGHT OF WAY
- BUILDING SETBACK
- BOUNDARY LINE
- PROPERTY LINE
- BUILDING
- DOMESTIC WATER
- EASEMENT
- PROPERTY LINE
- SANITARY SEWER
- STORM SEWER
- OVERHEAD ELECTRIC
- UNDERGROUND GAS
- UNDERGROUND TELEPHONE
- WALL
- SIDEWALK
- CURB & GUTTER
- GRAVEL SHOULDER
- FENCE
- MAJOR CONTOUR
- MINOR CONTOUR
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- GRAVEL SURFACE

UTILITY NOTE:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE, THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. MISS DIG E-DESIGN TICKET 2022122001318 WAS SUBMITTED ON 01/10/2023.

HORIZONTAL DATUM:
NORTH AMERICAN DATUM OF 1983 (NAD83), MICHIGAN STATE PLANE COORDINATE SYSTEM, SOUTH ZONE - 2113, INTERNATIONAL FEET, GPS DERIVED.

VERTICAL DATUM:
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

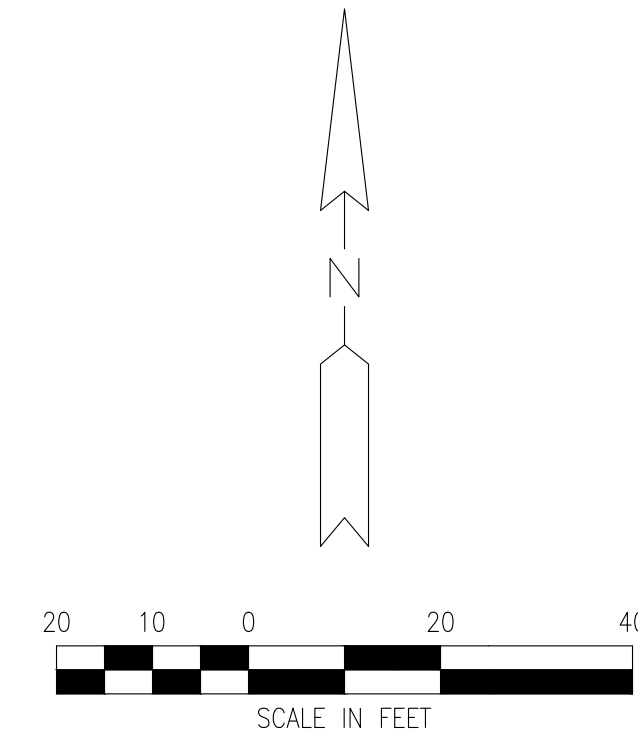
CONTROL POINTS:
CONTROL 100
ELEVATION = 770.08'
SET ROD & CAP ON THE NORTH SIDE OF BYER'S ST. +/-3' PAST TOP OF DITCH, +/-28' N OF CENTER OF BYERS RD, +/- 57' W OF GRAVEL DRIVEWAY
CONTROL 101
ELEVATION = 772.83
SET ROD & CAP NORTHWEST CORNER OF CENTER AND BYER ST, +/-8' OFF OF BACK OF CURB, +/-20' SE OF 3" TREE
CONTROL 102
ELEVATION = 773.51
SET ROD AND CAP ON THE E. SIDE OF CENTER RD, +/-30' W OF ELGA SIGN, +/-58' S OF CENTER LINE OF DRIVEWAY

BENCHMARK:
BENCHMARK 1
ELEVATION = 770.88
SET A NAIL IN A PP SOUTH SIDE OF BYERS ST. +/-9' S OF EDGE OF GRAVEL OF BEYERS RD, +/- 143' W OF POWERPOLE
BENCHMARK 2
ELEVATION = 774.08
SET A NAIL ON PP WEST OF CENTER ST. +/-12' W OF BACK OF CURB, +/- 59' S OF "GENESSEE HEALTH CENTER" SIGN

SEDGEWICK + FERWEDA ARCHITECTS
410 EAST COURT STREET
FLINT, MI 48503
EXISTING CONDITIONS PLAN
FOR
GCHC - FQHC ADDITION

ISSUED FOR:	DATE:	BY:
JOB NO.	SFA2003.01F	
SHEET	C1.0	

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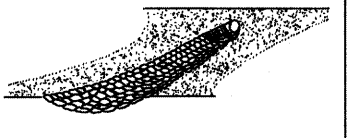
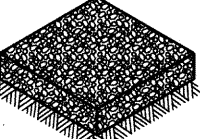
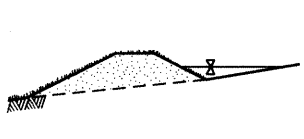
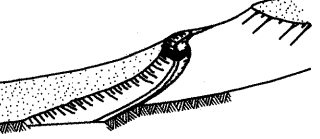
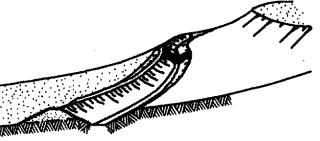
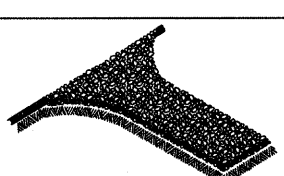


Wade Trim Group, Inc.

1. CONTRACTOR SHALL PLACE ALL SOIL EROSION & SEDIMENTATION CONTROL MEASURES AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH THE MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLANS, AS SHOWN ON THIS SHEET (REFER TO THE MDOT SOIL EROSION AND SEDIMENTATION CONTROL MANUAL SECTION 7 FOR SPECIFIC DETAILS).
2. CONSTRUCTION OPERATIONS SHALL BE SCHEDULED AND PERFORMED SO THAT PREVENTATIVE EROSION CONTROL MEASURES ARE IN PLACE PRIOR TO EXCAVATION AND TEMPORARY STABILIZATION MEASURES ARE IN PLACE IMMEDIATELY FOLLOWING BACK FILLING AND/OR GRADING OPERATIONS.
3. SPECIAL PRECAUTIONS WILL BE TAKEN IN THE USE OF CONSTRUCTION EQUIPMENT TO PREVENT SITUATIONS THAT PROMOTE EROSION.
4. THE CONTRACTOR SHALL LIMIT THE USE OF HEAVY EQUIPMENT AND OTHER CONSTRUCTION EQUIPMENT ON THE UNPROTECTED SUBGRADE.
5. CLEANUP WILL BE DONE IN A MANNER TO INSURE THAT EROSION CONTROL MEASURES ARE NOT DISTURBED.
6. THE PROJECT WILL CONTINUALLY BE INSPECTED FOR SOIL EROSION AND SEDIMENTATION CONTROL COMPLIANCE IN ACCORDANCE WITH APPLICABLE REGULATIONS AND PERMIT REQUIREMENTS. DEFICIENCIES WILL BE CORRECTED BY THE CONTRACTOR WITHIN 24 HOURS.
7. TEMPORARY EROSION CONTROL MEASURES SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR UPON ESTABLISHMENT OF PERMANENT CONTROL MEASURES.
8. CONSTRUCTION WILL NOT DISTURB MORE THAN 5 ACRES, THUS A NPDES STORM WATER DISCHARGE PERMIT WILL NOT BE REQUIRED.
9. ALL ROADS WITHIN THE INFLUENCE OF THE PROJECT MUST REMAIN CLEAN AT ALL TIMES. CONTRACTOR SHALL SWEEP STREETS AS DIRECTED BY LOCAL MUNICIPALITY HAVING JURISDICTION OVER THE ROADWAY (I.E. TOWNSHIP, CITY, COUNTY, STATE, ETC).
10. BEST MANAGEMENT PRACTICES FOR SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE USED ON THIS PROJECT AS SHOWN ON THE PLANS AND AS DEFINED BY THE ENGINEER.
11. THE CONTRACTOR SHALL SUBMIT A DETAILED SOIL EROSION AND SEDIMENTATION CONTROL PLAN AND OBTAIN AN ACT 451 PART 91 SOIL EROSION AND SEDIMENTATION CONTROL PERMIT. COPY TO PROVIDED TO THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR THE PAYMENT OF APPLICATION FEES, REVIEW FEES, INSPECTION FEES, BONDS, ETC. NO EARTH CHANGES OR EXCAVATION SHALL BE STARTED PRIOR TO THE ISSUANCE OF THIS PERMIT.
12. PROJECT IS NOT WITHIN THE 100 YEAR FLOOD PLAIN.
13. TEMPORARY SEEDING SHALL BE MDOT TUF SEED MIXTURE PLACED ACCORDING TO MDOT SPECIFICATIONS. TEMPORARY SEEDING SHALL BE MAINTAINED DURING THE PERIOD OF CONSTRUCTION UNTIL THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED.

ALL MEASURES STATED ON THE SITE MAP SHALL BE MAINTAINED BY THE CONTRACTOR IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE APPLICABLE PERMIT AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY BY THE CONTRACTOR TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED, WATERED, AND RESEED AS NEEDED, AT NO ADDITIONAL COST TO THE OWNER.
3. SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION EXITS AS CONDITIONS DEMAND.
5. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AREA AS CONDITIONS DEMAND.
6. RESPONSIBLE PERSON DURING CONSTRUCTION WILL BE THE CONTRACTOR. RESPONSIBLE PERSON AFTER CONSTRUCTION HAS CEASED AND THE SITE IS STABILIZED WILL BE THE OWNER.

KEY	DETAIL	CHARACTERISTICS	A	B	C	D	E	F	G
7	 RIPRAP	Used where vegetation cannot be established. Very effective in protecting against high velocity flows. Should be placed over a geotextile blanket.	•	•	•	•		•	
8	 AGGREGATE COVER	Can be used in any area where a stable condition is needed for construction operations, equipment storage or in heavy traffic areas. Reduces potential soil erosion and fugitive dust by stabilizing raw areas.	•					•	•
9	 BENCHES	Reduces sheet flow velocities preventing rilling and gullying. Assists in the collection and filtering of sediments. Provides access for stabilizing slopes.	•					•	
10	 DIVERSION DIKE	Assists in the diversion of runoff to a stable outlet or sediment control device. Reduces sheet flow velocities preventing rilling and gullying. Collects and diverts runoff to properly stabilized drainage ways. Works well with INTERCEPTING DITCH (KEY 11)	•						
11	 INTERCEPTING DITCH	Assists in the diversion of runoff to a stable outlet or sediment control device. Reduces sheet flow velocities preventing rilling and gullying. Works well with DIVERSION DIKE (KEY 10)	•					•	•
12	 INTERCEPTING DITCH AND DIVERSION DIKE	Assists in the diversion of runoff to a stable outlet or sediment control device. Reduces sheet flow velocities preventing rilling and gullying.	•					•	•
13	 GRAVEL FILTER BERM	Useful in filtering flow prior to its reentry into a lake, stream or wetland. Works well with SEDIMENT TRAP (KEY 20) and TEMPORARY BYPASS CHANNEL (KEY 35). Not to be used in lieu of a CHECK DAM (KEY 37) in a ditch.	•						
14	 GRAVEL ACCESS APPROACH	Provides a stable access to roadways minimizing fugitive dust and tracking of materials onto public streets and highways.						•	•

MICHIGAN DEPARTMENT OF TRANSPORTATION
 BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

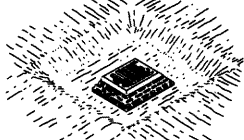
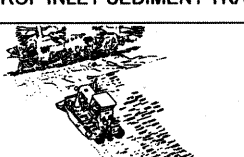
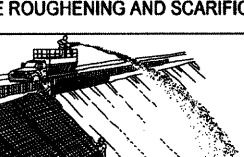
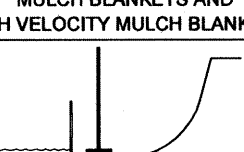
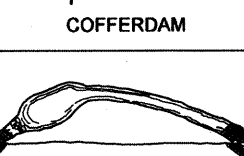
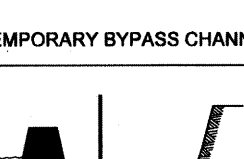
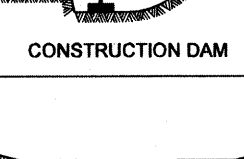
SOIL EROSION & SEDIMENTATION
 CONTROL MEASURES

3-20-2003
PLAN SHEET
S-111-APPEND

R-96-D

SHEET
2 OF 6

	DETAIL	CHARACTERISTICS	A	B	C	D	E	F	G
23	 STREAM RELOCATION	A detail depicting the proper procedures for STREAM RELOCATION. Maintains same width, depth, and flow velocity as the natural stream. Revegetate banks with RIPRAP (KEY 7), PERMANENT/TEMPORARY SEEDING (KEY 3), MULCH BLANKETS AND HIGH VELOCITY MULCH BLANKETS (KEY 33) and woody plants to shade the stream.	*						*
24	 SAND AND STONE BAGS	Sand and stone bags are a useful tool in the prevention of erosion. Can be used to divert water around a construction site by creating a DIVERSION DIKE (KEY 10). Works well for creating a CONSTRUCTION DAM (KEY 36) and temporary culvert end fill.	*	*	*	*	*	*	*
25	 SAND FENCE AND DUNE STABILIZATION	A Sand Fence traps blowing sand by reducing wind velocities. Can be used to prevent sand from blowing onto roads. Must be maintained until sand source is stabilized.	*					*	*
26	 GEOTEXTILE SILT FENCE	A permeable barrier erected behind disturbed areas to capture sediments from sheet flow. Can be used to divert small volumes of water to stable outlets. Ineffective as a filter and should never be placed across streams or ditches where flow is concentrated.	*						
27	 PLASTIC SHEETS OR GEOTEXTILE COVER	Plastic Sheets can be used to create a liner in temporary channels. Can also be used to create a temporary cover to prevent erosion of stockpiled materials.	*	*	*			*	
28	 MULCHING AND MULCH ANCHORING	Anchored mulch provides erosion protection against rain and wind. Mulch must be used on seeded areas to promote water retention and growth. Should be inspected after every rainstorm and repaired as necessary until vegetation is well established.	*		*		*	*	
29	 INLET PROTECTION FABRIC DROP	Provides settling and filtering of all laden water prior to its entry into the drainage system. Can be used in median and side ditch areas where vegetation will be disturbed. Allows for early use of drainage systems prior to project completion.	*					*	*
30	 INLET PROTECTION GEOTEXTILE AND STONE	Provides settling and filtering of all laden water prior to its entry into the drainage system. Should be used in paved areas where drainage structures are existing or proposed. Allows for early use of drainage systems prior to project completion.	*					*	*
			MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR						
			SOIL EROSION & SEDIMENTATION CONTROL MEASURES						
			T.E.T.A. APPROVAL	DATE	R-96-D	SHEET 4 OF 4			

KEY	DETAIL	CHARACTERISTICS	A	B	C	D	E	F
31	 DROP INLET SEDIMENT TRAP	A Drop Inlet Sediment Trap is a temporary device that can be used in areas where medium flows are anticipated. Effective in trapping small quantities of sediments prior to water entering the drainage system. Can be used in areas such as median and side ditches.					•	•
32	 SLOPE ROUGHENING AND SCARIFICATION	A simple and economical way to reduce soil erosion by wind and water. Can be accomplished by harrowing with a disk, back blading, or tracking with a dozer perpendicular to the slope.		•				•
33	 MULCH BLANKETS AND HIGH VELOCITY MULCH BLANKETS	Mulch blankets provide an immediate and effective cover over raw erodible slopes affording excellent protection against rain and wind erosion. High velocity mulch blankets work well for stabilizing the bottom of ditches in waterways.		•		•	•	•
34	 COFFERDAM	Used to create a dry construction area and protect the stream from raw erodible areas. Must be pumped dry or dewatered according to DEWATERING BY FILTER BAG / SEDIMENT BASIN (KEY 18).		•				•
35	 TEMPORARY BYPASS CHANNEL	Utilized when a dry construction area is needed. Isolates and protects stream flows from raw erodible areas minimizing erosion and subsequent siltation. Can incorporate a large SEDIMENT BASIN (KEY 21) and multiple GRAVEL FILTER BERMS (KEY 13) to remove sediments from water. Construction sequence of events.			•			•
36	 CONSTRUCTION DAM	Used to create a dry or slack-water area for construction. Protects the stream from raw erodible areas. Can be created out of any non-erodible materials such as SAND AND STONE BAGS (KEY 24), a gravel dike with day core or plastic liner, steel plates or plywood.			•			•
37	 CHECK DAM	Can be constructed across ditches or any area of concentrated flow. Protects vegetation in early stages of growth. A Check Dam is intended to reduce water velocities and capture sediment. A Check Dam is not a filtering device.			•	•		•

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY DEVELOPMENT STANDARD PLAN FOR

SOIL EROSION & SEDIMENTATION
CONTROL MEASURES

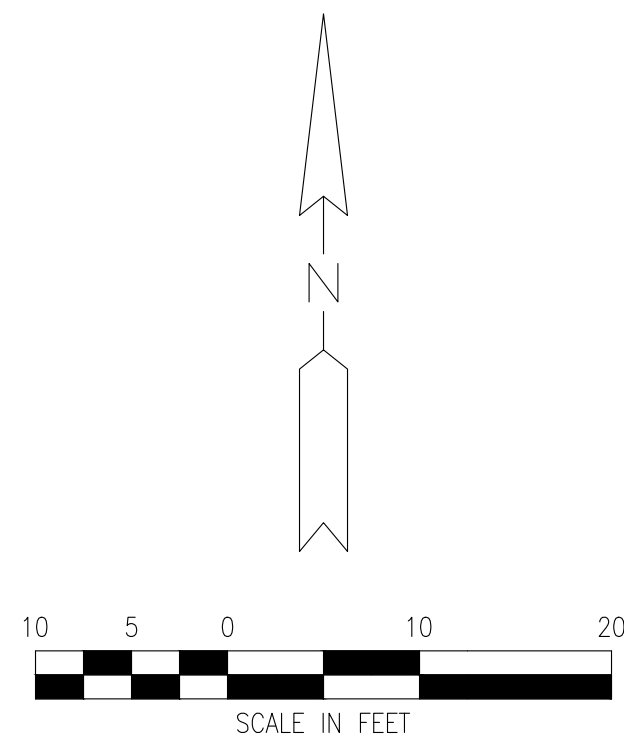
T.S.T.A. APPROVAL	3-20-2002 PLW DATE	R-96-D	SHEET 5 OF 6
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 **WADE
TRIM**

555 S. Saginaw Street, Suite 201
Ft. Mill, MI 48502
810.235.2555
www.wadetrim.com

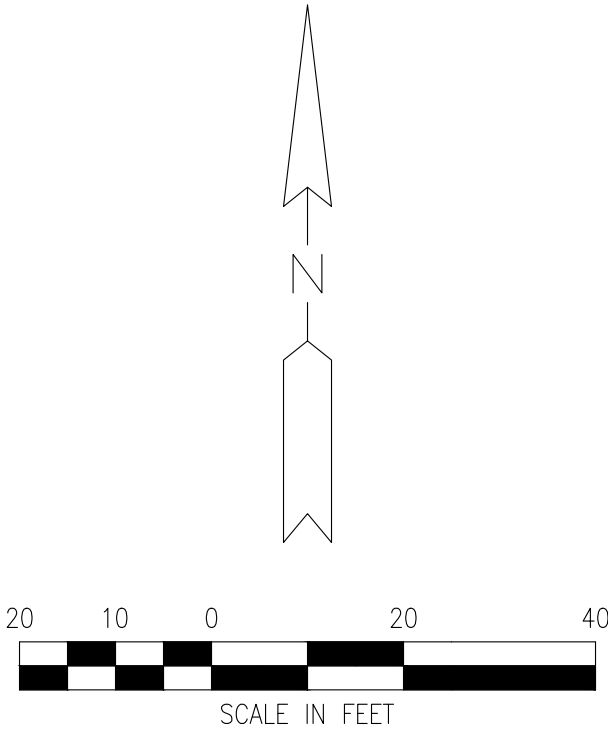
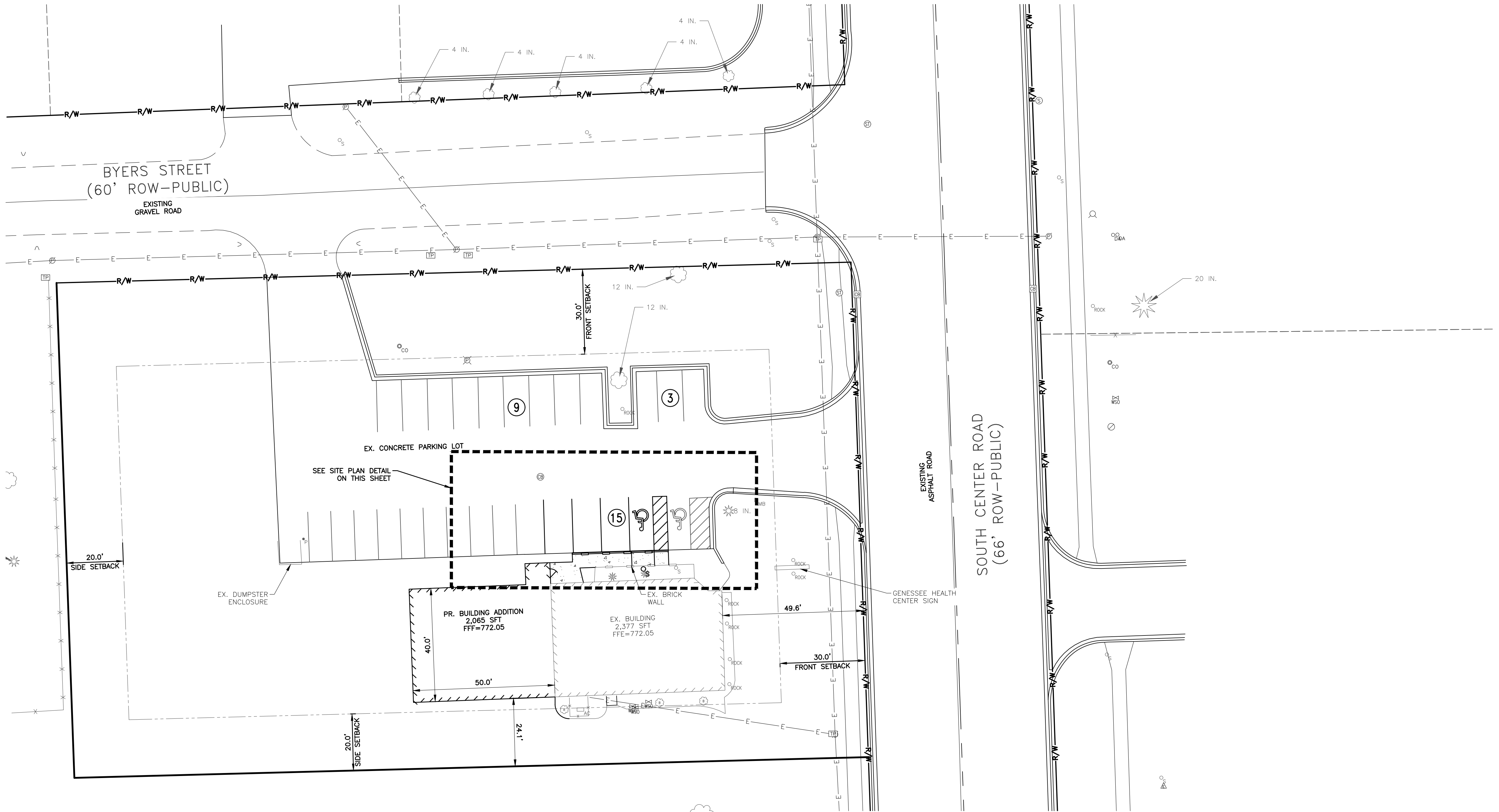
ISSUED FOR:	DATE:	BY:
JOB NO.	SFA2003.01F	
SHEET	C2.1	







Know what's below.
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PROPOSED LEGEND

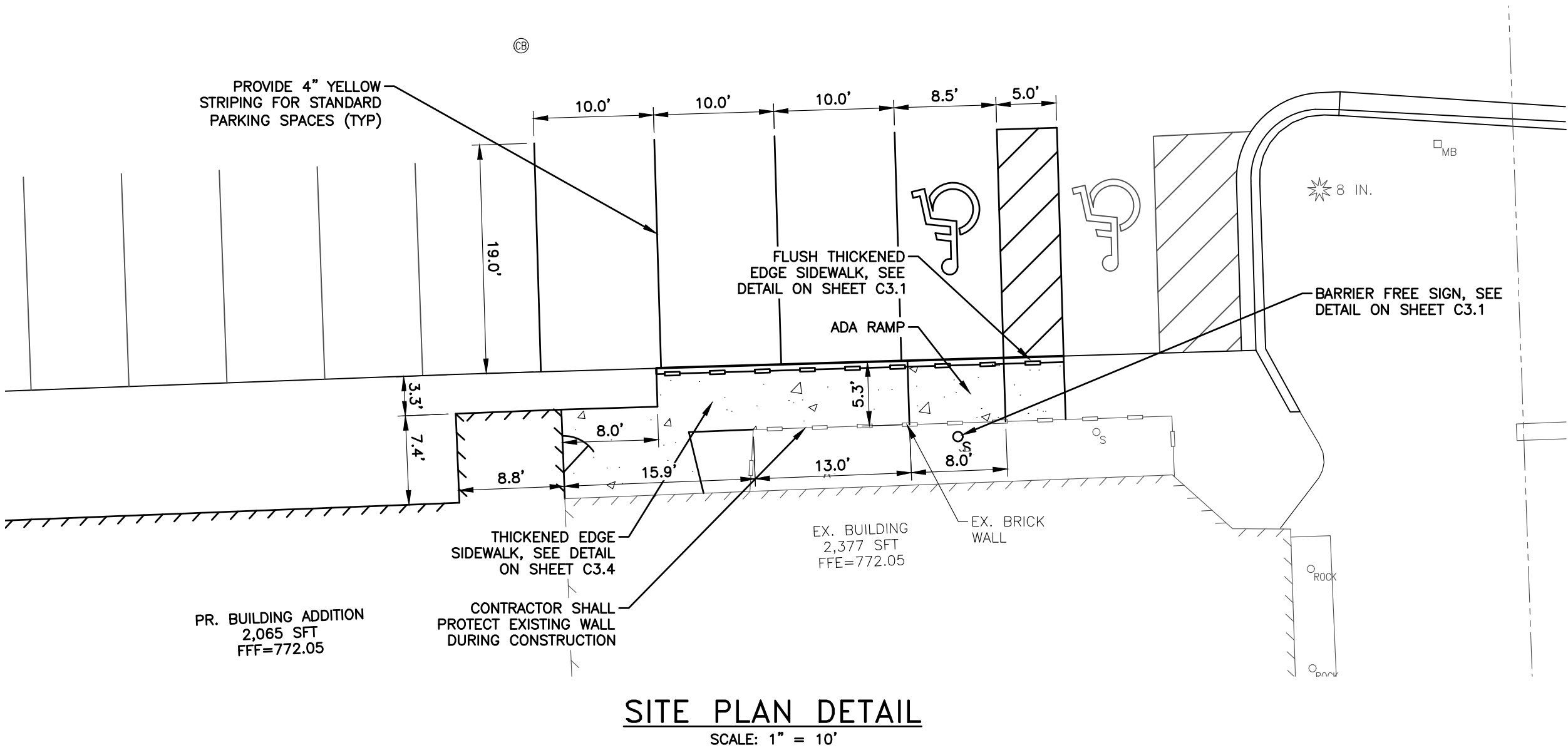
- BUILDING LINE
THICKENED EDGE SIDEWALK, SEE DETAIL ON SHEET C3.1
PARKING COUNT
4" CONCRETE SURFACE SEE DETAIL ON SHEET C3.1
NOTE: FOR EXISTING FEATURES SEE TOPOGRAPHIC SURVEY OR EXISTING CONDITIONS PLAN.

SITE DATA TABLE

EXISTING/PROPOSED ZONING	R-O, RESTRICTED OFFICE
ADJACENT ZONING	
NORTH	C-2
SOUTH	R-O
EAST	C-2
WEST	R-O
TAX PARCEL #	59-21-529-046
EXISTING/PROPOSED USE	MEDICAL CLINIC
TOTAL LOT AREA	1.12 ACRES (NET)
MINIMUM BUILDING SETBACKS	
FRONT	30'
SIDE	20'
REAR	30'
ACTUAL SETBACKS	
FRONT	49.6'
SIDE	24.1'
REAR	N/A
MAX. LOT COVERAGE	40%
EXISTING LOT COVERAGE	4.9%
PROPOSED LOT COVERAGE	9.1%
MAX. BUILDING HEIGHT	2 STORIES, 30'
EX./PR. BUILDING HEIGHT	20'
REQUIRED PARKING SPACE SIZE	9' x 19'
STANDARD PARKING SPACES	24 SPACES
BARRIER FREE PARKING SPACES	2 SPACES
TOTAL PARKING SPACES	26 SPACES

PARKING REQUIREMENTS

TYPE	NO. OF SPACES
REQUIRED	
10 SPACES FOR THE FIRST DOCTOR, PLUS 1 SPACE PER 300 SQUARE FEET OF GFA	27 PROVIDED
10 + 2,377 SFT/300 = 18 SPACES (EXISTING)	
10 + 4,442 SFT/300 = 25 (PROPOSED)	
REGULAR SPACES	25
BARRIER FREE SPACES	2 (1 VAN)



SEDGEWICK + FERWEDA ARCHITECTS
410 EAST COURT STREET
FLINT, MI 48503
SITE PLAN FOR
GCHC - FQHC ADDITION

ISSUED FOR: DATE: BY:
JOB NO. SFA2003.01F
SHEET C3.0

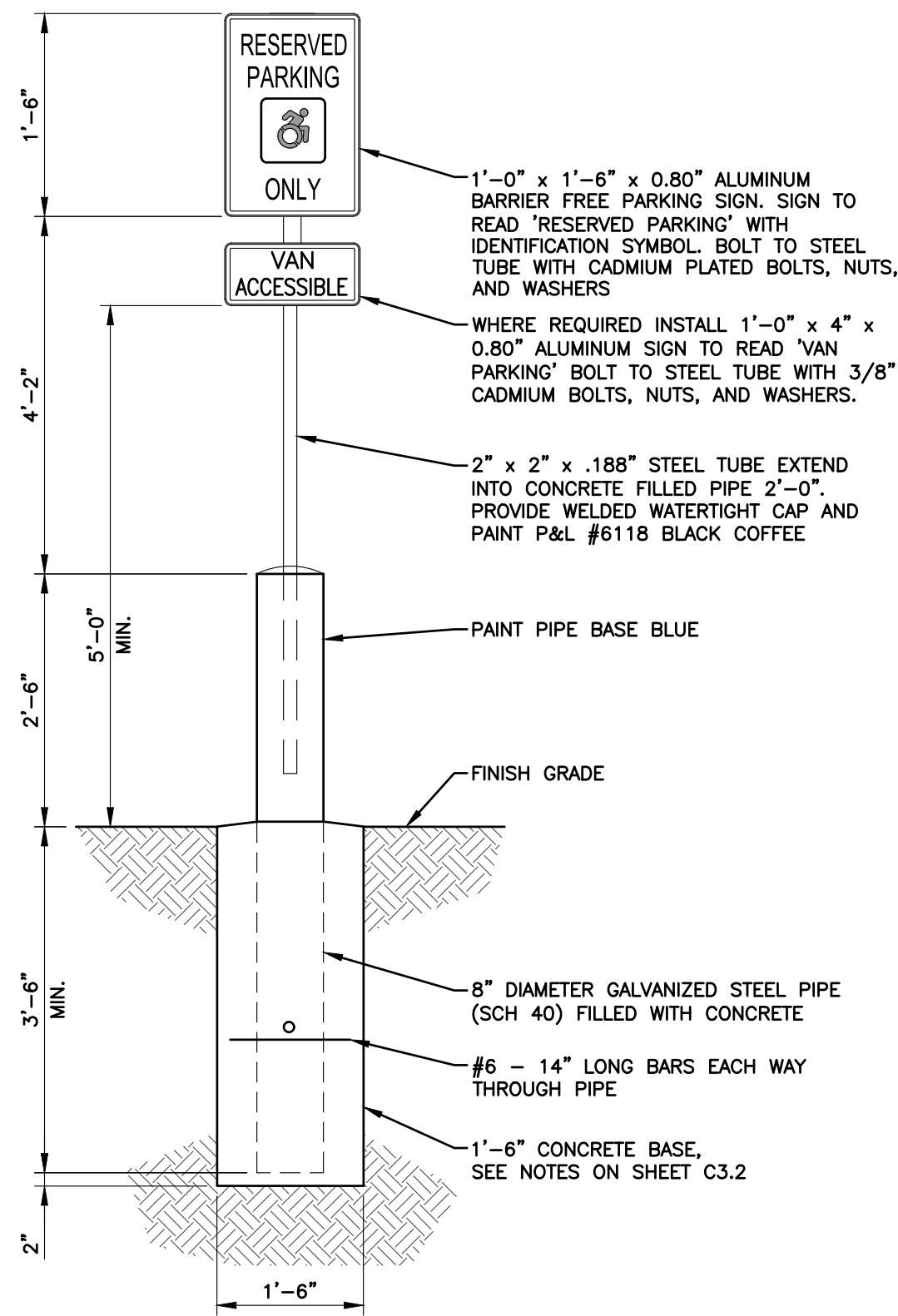
REV#	DATE	DESCRIPTION	BY

855 S. Saginaw Street, Suite 201
Flint, MI 48502
810.235.2552
www.wadetrim.com

WADE TRIM

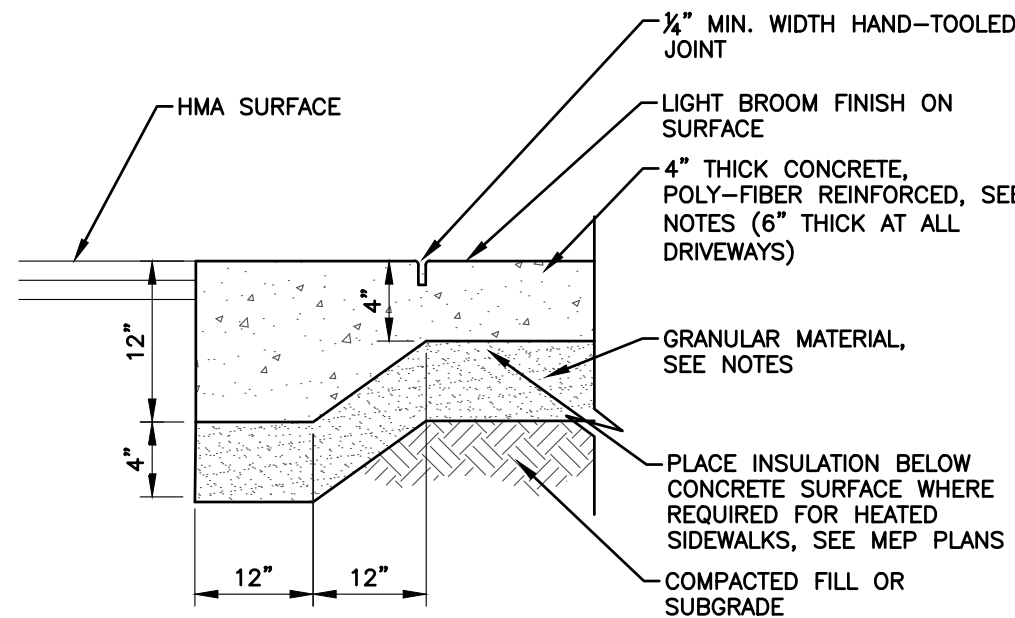


Know what's below.
Call before you dig.

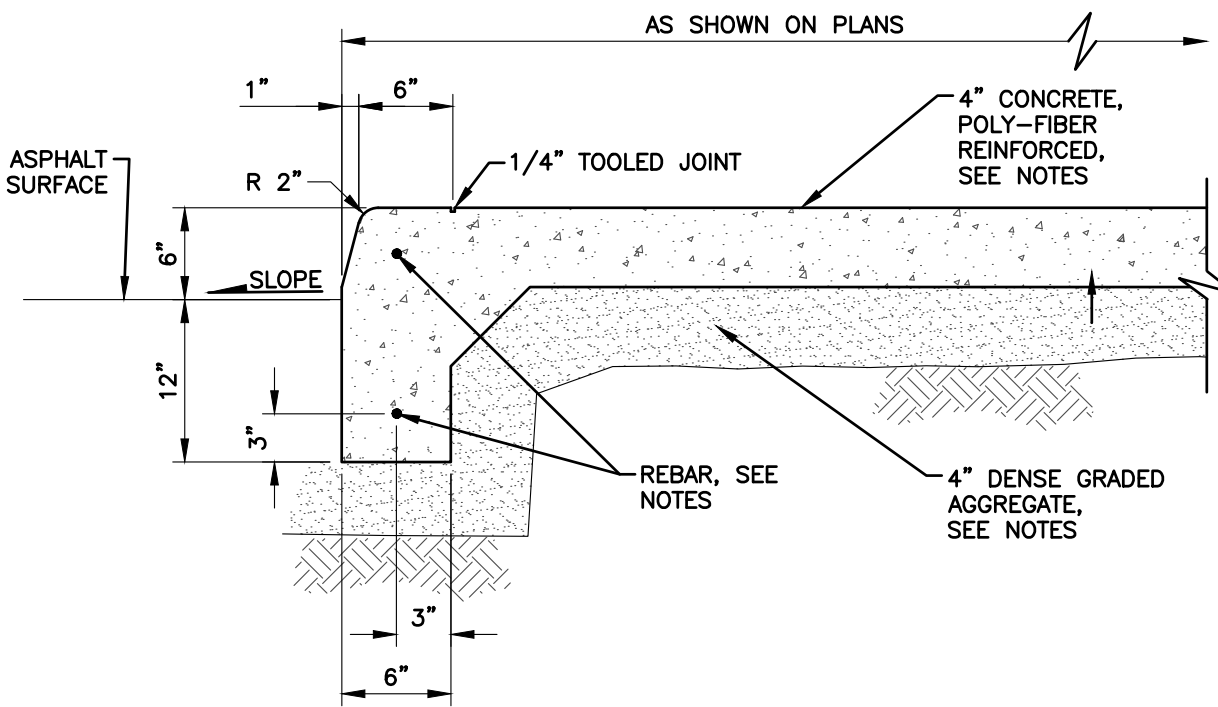


ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

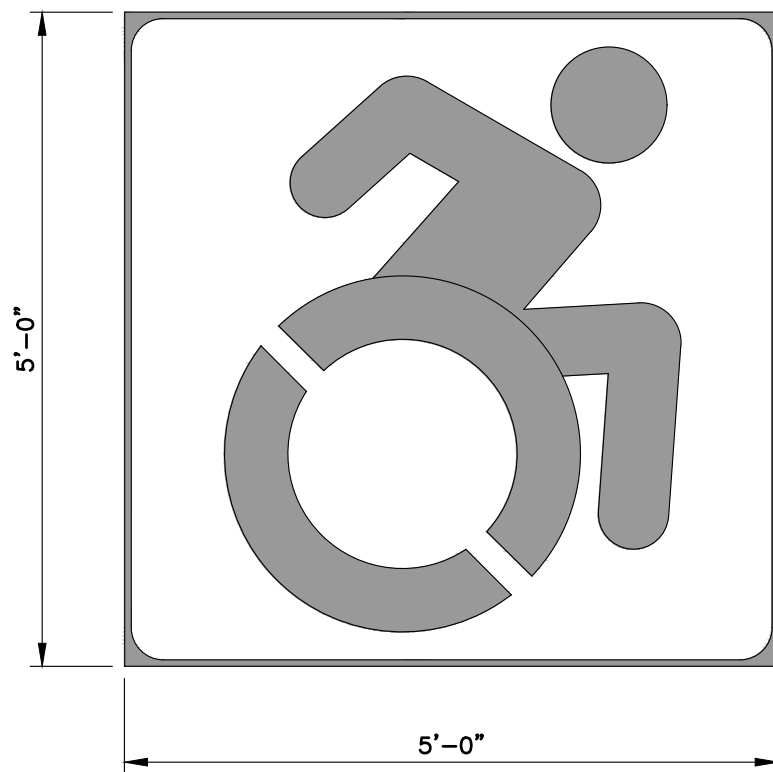
BARRIER FREE SIGN DETAIL
NOT TO SCALE



FLUSH THICKENED EDGE SIDEWALK DETAIL
NOT TO SCALE



CONCRETE WALK WITH THICKENED EDGE
NOT TO SCALE



BLUE PAINT
DENOTING VAN
ACCESSIBILITY
WHERE
APPLICABLE

VAN

BARRIER FREE SYMBOL DETAIL
NOT TO SCALE

NOTES

CONCRETE NOTES

1. ALL CONCRETE SHALL BE 4500 PSI CONCRETE MIX UNLESS OTHERWISE NOTED.
2. ALL POLY FIBER REINFORCED CONCRETE SHALL HAVE A MIX RATIO OF 1.5 LBS OF POLY FIBER PER 1.0 CYD OF CONCRETE.

CONCRETE JOINTS

1. THE CONTRACTOR MUST PREPARE A JOINTING PLAN AND SUBMIT TO ENGINEER AS A SHOP DRAWING FOR APPROVAL PRIOR TO PLACEMENT OF CONCRETE.
2. BEGIN SAW CUTS AFTER THE CONCRETE HAS HARDENED ENOUGH TO PERMIT SAWING WITH OUT RAVELING OR DISPLACING AGGREGATES.
3. IF CRACKS DEVELOP AHEAD OF THE SAWCUT, STOP SAWING THAT JOINT. ONCE THE CONCRETE HAS SUITABLY CURED USE CRACK SAWS TO FORM JOINT SEALANT RESERVOIRS ALONG THE CRACK LINE.
4. JOINT SPACING:
 - 4.1. MAXIMUM SLAB SIZE = 2 X SLAB THICKNESS (INCHES TO FEET).
I.E.: 2 X 6 INCHES = 12 FEET - 15 FEET IS ABSOLUTE MAX.
 - 4.2. RECOMMENDED MAXIMUM JOINT SPACING (SMALLER IS BETTER)
 - 4.2.1. 4" SLAB: 6 FEET
 - 4.2.2. 6" SLAB: 10 FEET
 - 4.2.3. 8" SLAB: 14 FEET
 - 4.2.4. 9" SLAB: 15 FEET
5. CATCH BASIN AND MANHOLE CASTINGS REQUIRE A BOXOUT OR ISOLATION TO ALLOW FOR VERTICAL AND HORIZONTAL SLAB MOVEMENT.
6. SAWCUT JOINTS SHALL BE CONTINUOUS ACROSS THE SLAB AND SHALL MATCH LOCATION OF JOINTS ON ABUTTING CONCRETE SLABS.
7. CONTRACTOR SHALL PROVIDE ISOLATION/EXPANSION JOINTS BETWEEN SLABS OR AT STRUCTURES.
8. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION JOINTS AT EDGE OF POURS OR FORM LINES.
9. THE CONTRACTOR SHALL PROVIDE CONTRACTION JOINTS (SAW CUTS OR TOOLED) EQUALLY SPACED AS IDENTIFIED IN NOTE 4 THIS SHEET.

MATERIALS

1. GRANULAR MATERIAL - MDOT CLASS II SAND
2. OPEN GRADED AGGREGATE - MDOT 6A OR AASHTO #57
3. DENSE GRADED AGGREGATE - MDOT 21AA CRUSHED LIMESTONE

SEDGEWICK + FERWEDA ARCHITECTS

410 EAST COURT STREET

FLINT, MI 48503

SITE DETAILS

FOR
GCHC - FQHC ADDITION

ISSUED FOR: DATE: BY:

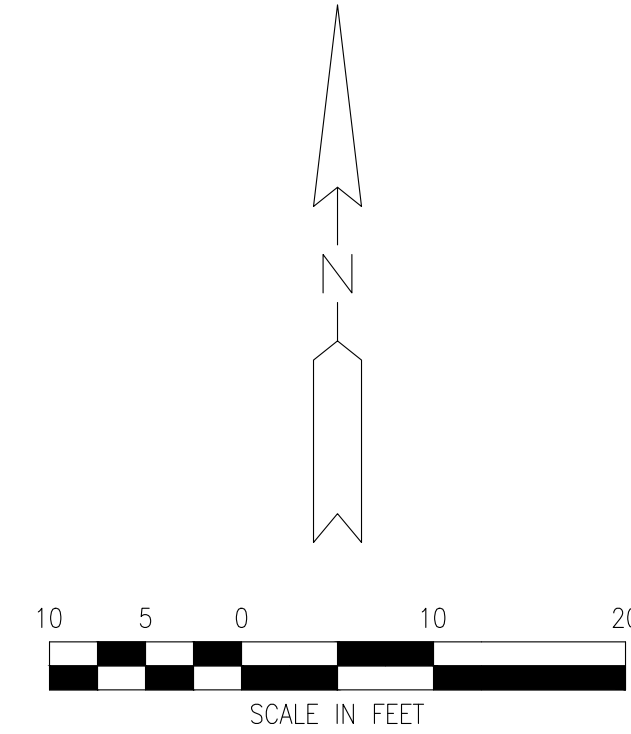
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SFA2003.01F

SHEET

C3.1

855 S. Saginaw Street, Suite 201
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THICKENED EDGE WALK ELEV.
WHERE: T = TOP OF WALK
P = PAVEMENT

SPOT ELEV.

WHERE XXX IS ONE OF THE FOLLOWING:

TOP OF CONCRETE ELEV. T/C

FINISH GRADE ELEV. FG

MATCH EXISTING ELEV. MATCH

DRAINAGE FLOW

DRAINAGE SLOPE 1.0%

MAJOR CONTOUR 100

MINOR CONTOUR 101

NOTE: FOR EXISTING FEATURES SEE TOPOGRAPHIC SURVEY OR EXISTING CONDITIONS PLAN.

[illegible]

WADE
TRIM

FOR
GCHC - FQHC ADDITION

SHEET

C4.0