

**GRADING NOTES**

1. CONTRACTOR SHALL CALL MISS DIG (811) A MINIMUM OF THREE WORKING DAYS PRIOR TO START OF CONSTRUCTION.
2. CONTRACTOR SHALL INVESTIGATE EXTENT AND LOCATION OF EXISTING UTILITIES AND SHALL BE RESPONSIBLE FOR PROTECTION AND RESTORATION OF SAME IF DAMAGED AS A RESULT OF CONTRACTOR'S OPERATIONS.
3. CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL EROSION CONTROL MEASURES REQUIRED BY STATE AND LOCAL GOVERNING AUTHORITIES.
4. SOIL EROSION AND SEDIMENTATION CONTROL MEASURES ARE TO BE PLACED BEFORE, OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.
5. CONTRACTOR SHALL APPLY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED AND AS DIRECTED ON THESE PLANS.



MDOT RIP RAP 8" X16" (NATURAL FIELD STONE OR ROCK - NO BROKEN CONCRETE) ON TOP OF GEOTEXTILE FABRIC, SLOPE SHALL NOT EXCEED 1:2 SLOPE; FILL ALONG BANK BETWEEN THE WEIR AND BRIDGE (1 CYD)



MDOT RIP RAP 8" X16" (NATURAL FIELD STONE OR ROCK - NO BROKEN CONCRETE) ON TOP OF GEOTEXTILE FABRIC, SLOPE SHALL NOT EXCEED 1:2 SLOPE; FILL ALONG BANK BETWEEN THE WEIR AND BRIDGE (10 CYD)



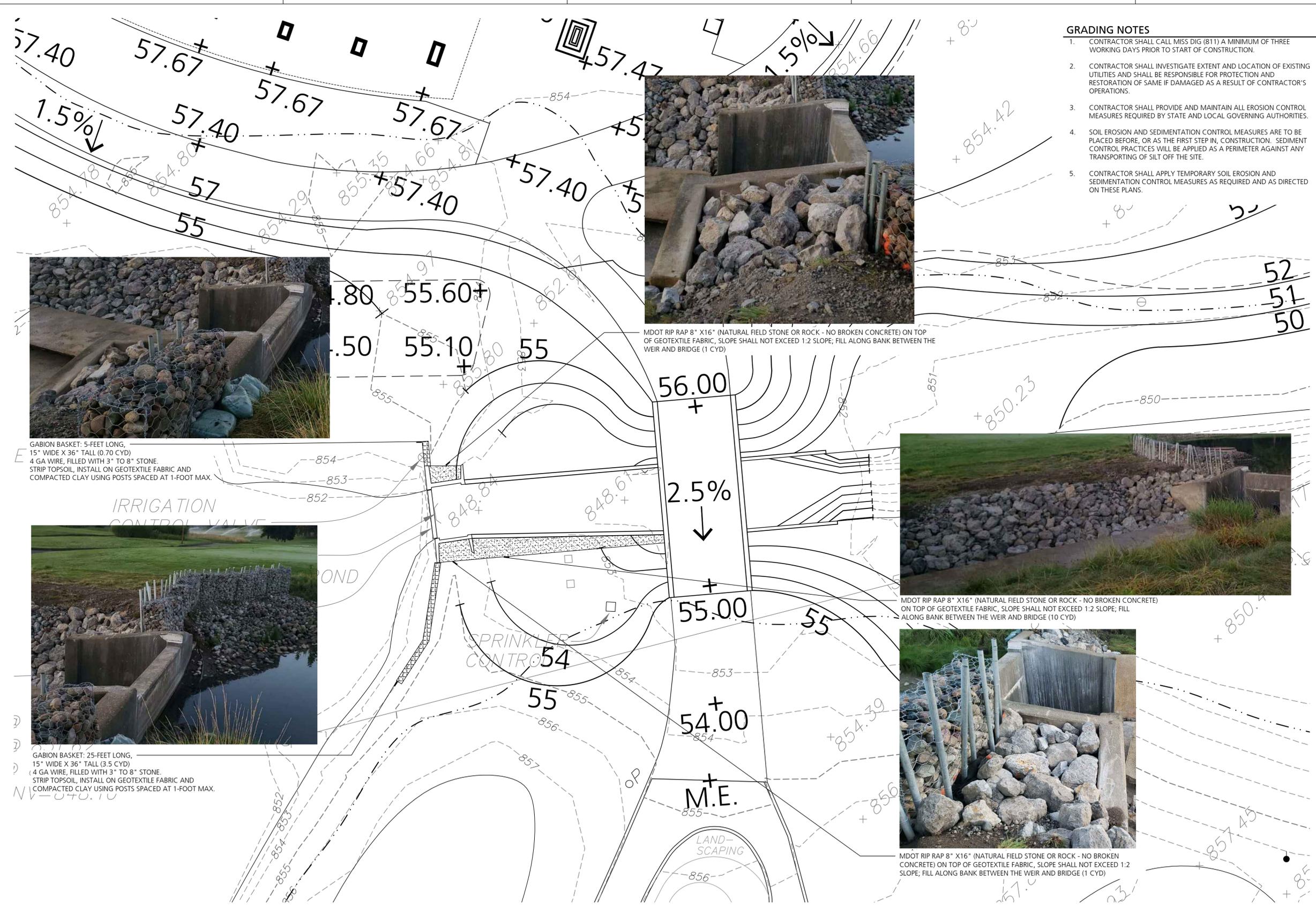
MDOT RIP RAP 8" X16" (NATURAL FIELD STONE OR ROCK - NO BROKEN CONCRETE) ON TOP OF GEOTEXTILE FABRIC, SLOPE SHALL NOT EXCEED 1:2 SLOPE; FILL ALONG BANK BETWEEN THE WEIR AND BRIDGE (1 CYD)



GABION BASKET: 5-FEET LONG, 15" WIDE X 36" TALL (0.70 CYD) 4 GA WIRE, FILLED WITH 3" TO 8" STONE. STRIP TOPSOIL, INSTALL ON GEOTEXTILE FABRIC AND COMPACTED CLAY USING POSTS SPACED AT 1-FOOT MAX.



GABION BASKET: 25-FEET LONG, 15" WIDE X 36" TALL (3.5 CYD) 4 GA WIRE, FILLED WITH 3" TO 8" STONE. STRIP TOPSOIL, INSTALL ON GEOTEXTILE FABRIC AND COMPACTED CLAY USING POSTS SPACED AT 1-FOOT MAX.

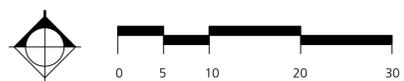


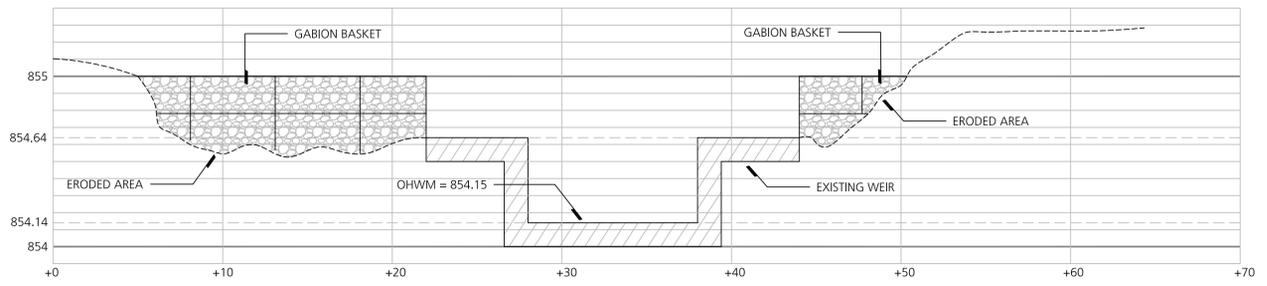
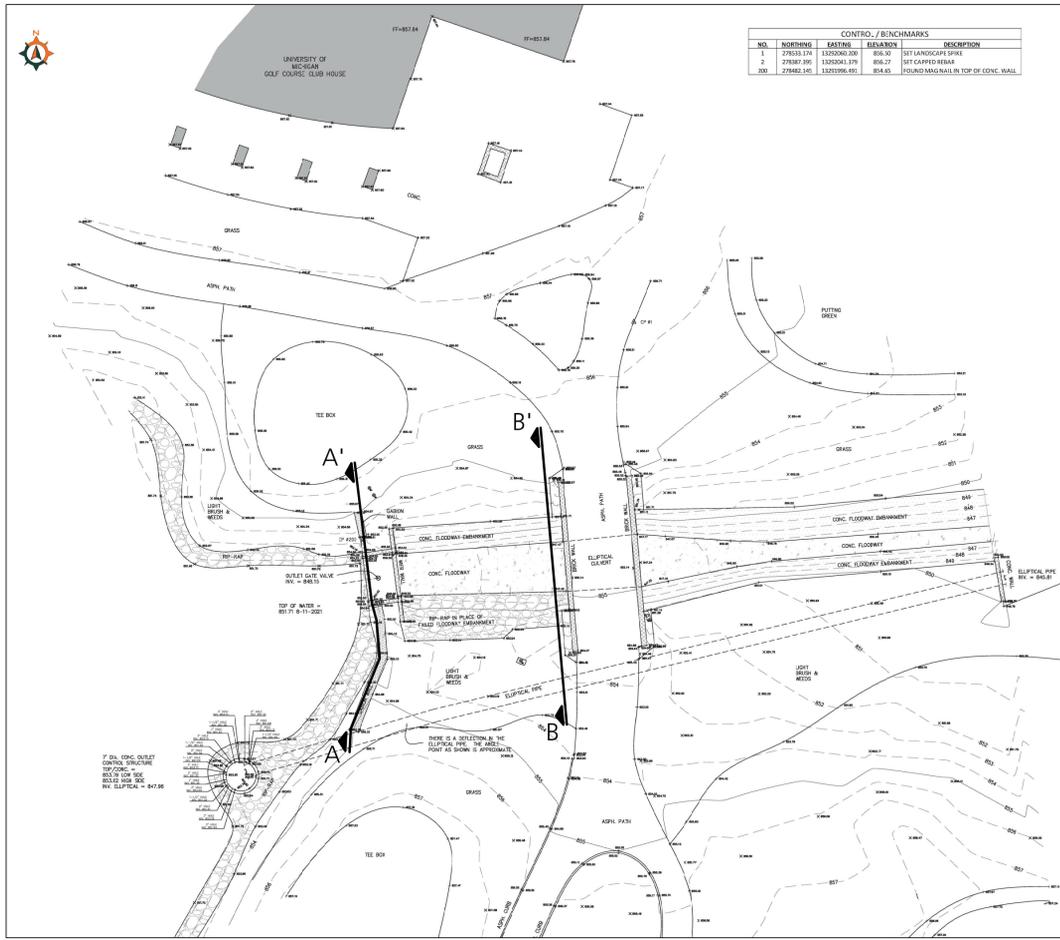
**FLOODPLAIN NOTE**

1. FLOOD PLAIN DELINEATION IS MAPPED FROM THE MODELING PERFORMED BY BECKETT AND RAEDER, INC. AND MAPPED ON THE TOPOGRAPHIC SURVEY PROVIDED BY WASHTENAW ENGINEERING.
2. FLOOD PLAIN AT THIS LOCATION IS NOT REGULATED AS IT HAS A DRAINAGE AREA < 2 SQ MI.

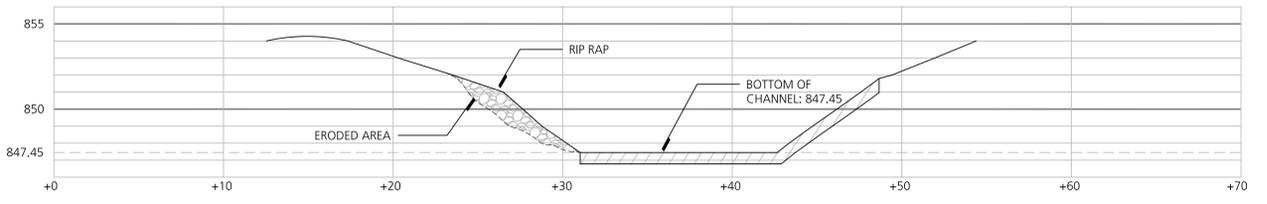
**GRADING LEGEND**

	EXISTING LIGHT POLE		EXISTING MAJOR CONTOUR		HYDRANT ASSEMBLY
	EXISTING UTILITY POLE		EXISTING MINOR CONTOUR		CATCH BASIN
	EXISTING MANHOLE		EXISTING CURB		OUTLET STRUCTURE
	EXISTING CATCH BASIN		MAJOR CONTOUR (ADD 800)		SPOT ELEVATION (ADD 800)
	EXISTING STORM		MINOR CONTOUR (ADD 800)		RIM ELEVATION (ADD 800)
	EXISTING SANITARY		FLOODPLAIN LINE		MATCH EXISTING SPOT ELEVATION (ADD 800)
	EXISTING WATER				
	EXISTING GAS				
	EXISTING ELECTRIC				
	EXISTING TELEPHONE				





1 Weir Cross Section A-A' (Looking West)  
SCALE: HORIZONTAL 1"=5'-0" VERTICAL 1"=1/2'-0"



2 Concrete Channel Cross Section B-B' (Looking West)  
SCALE: HORIZONTAL 1"=5'-0" VERTICAL 1"=5'-0"

Consultants

Project Title

University of Michigan  
 Golf Course Creek Channel

Ann Arbor, MI

Sheet Title

Cross Sections

Dates

Dates	Issued for
00.00.00	Issued for

Scale

1" = 10'

Quality Control

Drawn:	XX
Checked:	XX
Approved:	XX

Project Number

P0008400

Sheet Number

C3.0