
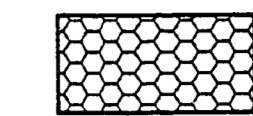
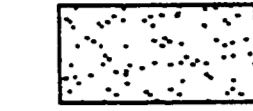
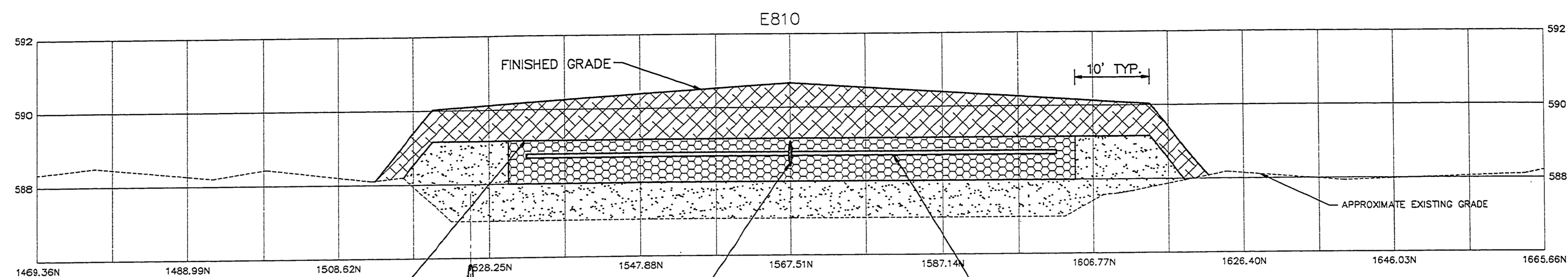


LEGEND

-  PLACE GRANULAR MATERIAL OVER GEOTEXTILE BARRIER; 12" DEPTH AT SIDES, 18" DEPTH AT CENTER.
-  PLACE MDOT 6A STONE A MINIMUM OF 2" ABOVE AND 6" BELOW.
-  PLACE MEDIUM TO COARSE SAND FILL TO BOTTOM OF STONE (DO NOT COMPACT).

NOTES

1. CONTRACTOR SHALL STRIP VEGETATION WITHIN GRADING LIMITS PRIOR TO EXCAVATION AND PLACEMENT OF EMBANKMENT. TYPICAL OF ALL CROSS SECTIONS THIS SHEET.
2. PLACE SAND FILL 10' BEYOND THE EDGE OF STONE BEFORE BEGINNING 1' VERT: 4' HORZ. SLOPE TO EXISTING GRADE, TYPICAL OF ALL FILL SECTIONS.

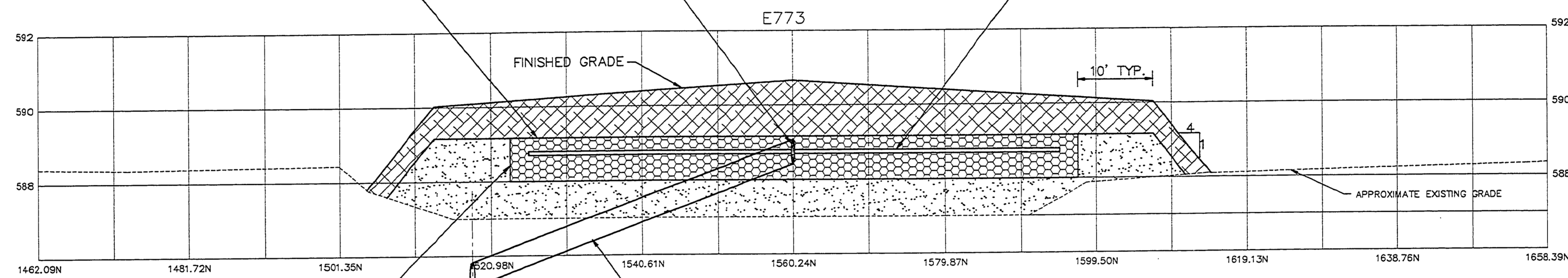


CONTINUOUS PERVIOUS GEOTEXTILE BARRIER OVER ENTIRE STONE SURFACE.

8" ϕ FORCE MAIN

8" ϕ CENTER MANIFOLD WITH 8" X 3" CROSSES WITH 1-1/4" X 3" REDUCERS @ 5 FEET O.C. (TYP).

1-1/4" ϕ PVC PIPE (3/8" ϕ HOLES @ 5 FEET O.C., DOWNWARD, TYP.) CENTERLINE 588.60.

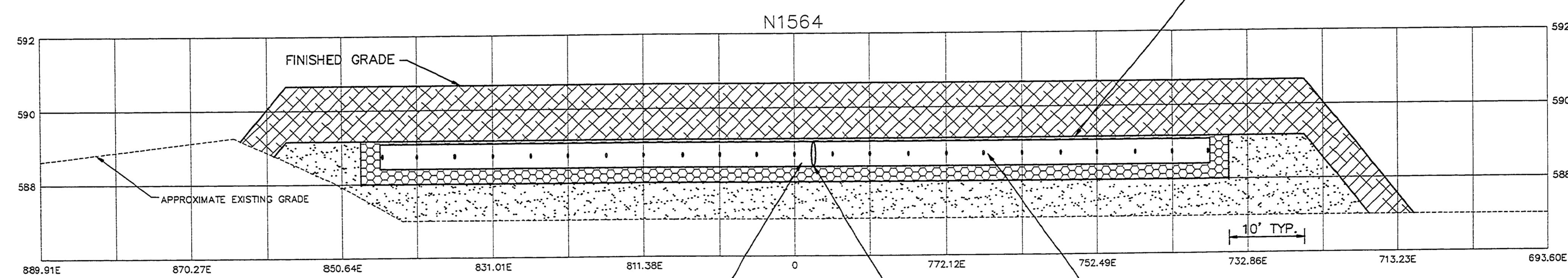


WRAP PERVIOUS GEOTEXTILE BARRIER OVER SIDES OF STONE LAYER. TYPICAL OF ALL SIDES.

8" ϕ FORCE MAIN

8" ϕ FORCE MAIN TO CENTER MANIFOLD

CONTINUOUS PERVIOUS GEOTEXTILE BARRIER OVER ENTIRE STONE SURFACE.



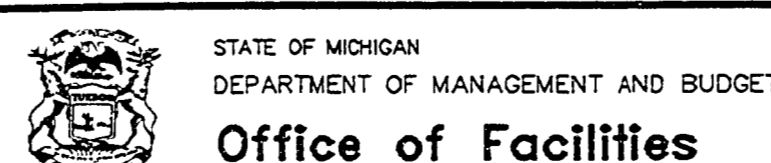
8" ϕ PVC CENTER MANIFOLD TYPICAL OF ONE PER FIELD.

8" ϕ FORCE MAIN

1-1/4" ϕ PVC PIPE (3/8" ϕ HOLES @ 5 FEET O.C., DOWNWARD, TYP.) CENTERLINE 588.60.

FILE NO.: 1156000
 PLOT DATE: 9-21-94
 UPDATED BY: LJS

DRN BY:	LJS	IDENTIFICATION NO.	PROJECT - MUSKEGON	ISSUED FOR	PRELIMINARY	DATE	7-21-94
DES'D BY:	GJF	STATE ACCOUNT	807-75-2450-400	CONSTRUCTION	<input checked="" type="checkbox"/>	9-23-94	
APP'D BY:	GDA			FINAL RECORD	<input type="checkbox"/>		



QUALITY OF LIFE RECREATION BOND
 MICHIGAN DEPARTMENT OF NATURAL RESOURCES
 PARKS DIVISION - STATE ACCT. NO. 607-75-2450-400

MUSKEGON STATE PARK
 CAMPGROUND WASTEWATER SYSTEM
 WEST ABSORPTION FIELD CROSS SECTIONS

HORIZ. 1"=10'
 SCALE: VERT. 1"=2'
 PROJ. NO.: 91159
 SHEET 9 OF 21