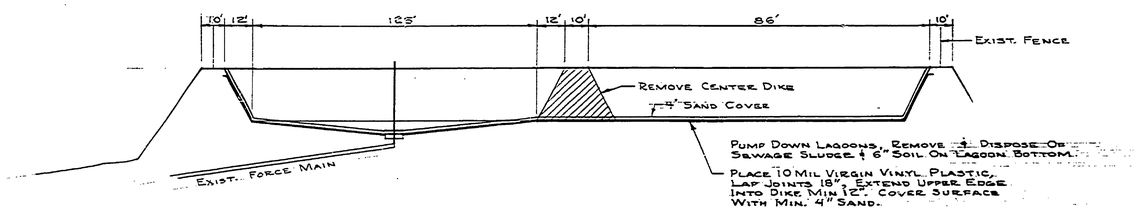
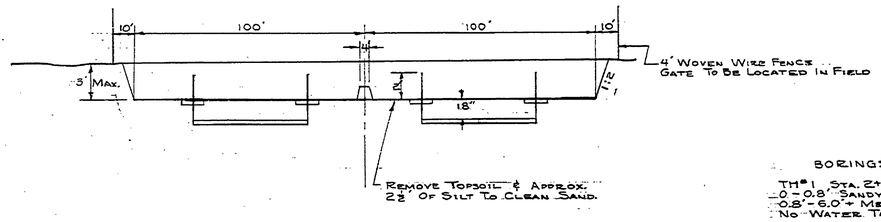
R-1639 COMMERCIAL BLUEPRINT SERVICE 4-71 45453



TYP. SECTION EXISTING LAGOONS
1" = 30' HORIZ.
1" = 5' VERT.

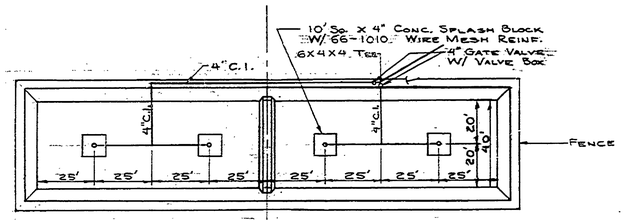


BORINGS AT FILTER SITE

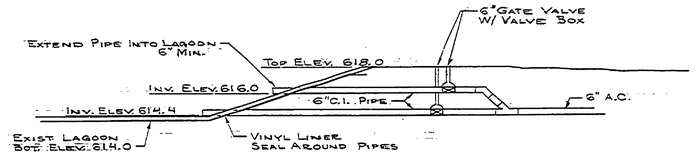
TH#1, STA. 2+50 100' L
0 - 0.8' SANDY TOPSOIL
0.8' - 6.0'+ MEDIUM SAND
NO WATER TABLE

TH#2, STA. 2+50 200' L
0 - 0.6' SANDY TOPSOIL
0.6' - 6.0'+ MEDIUM SAND
NO WATER TABLE

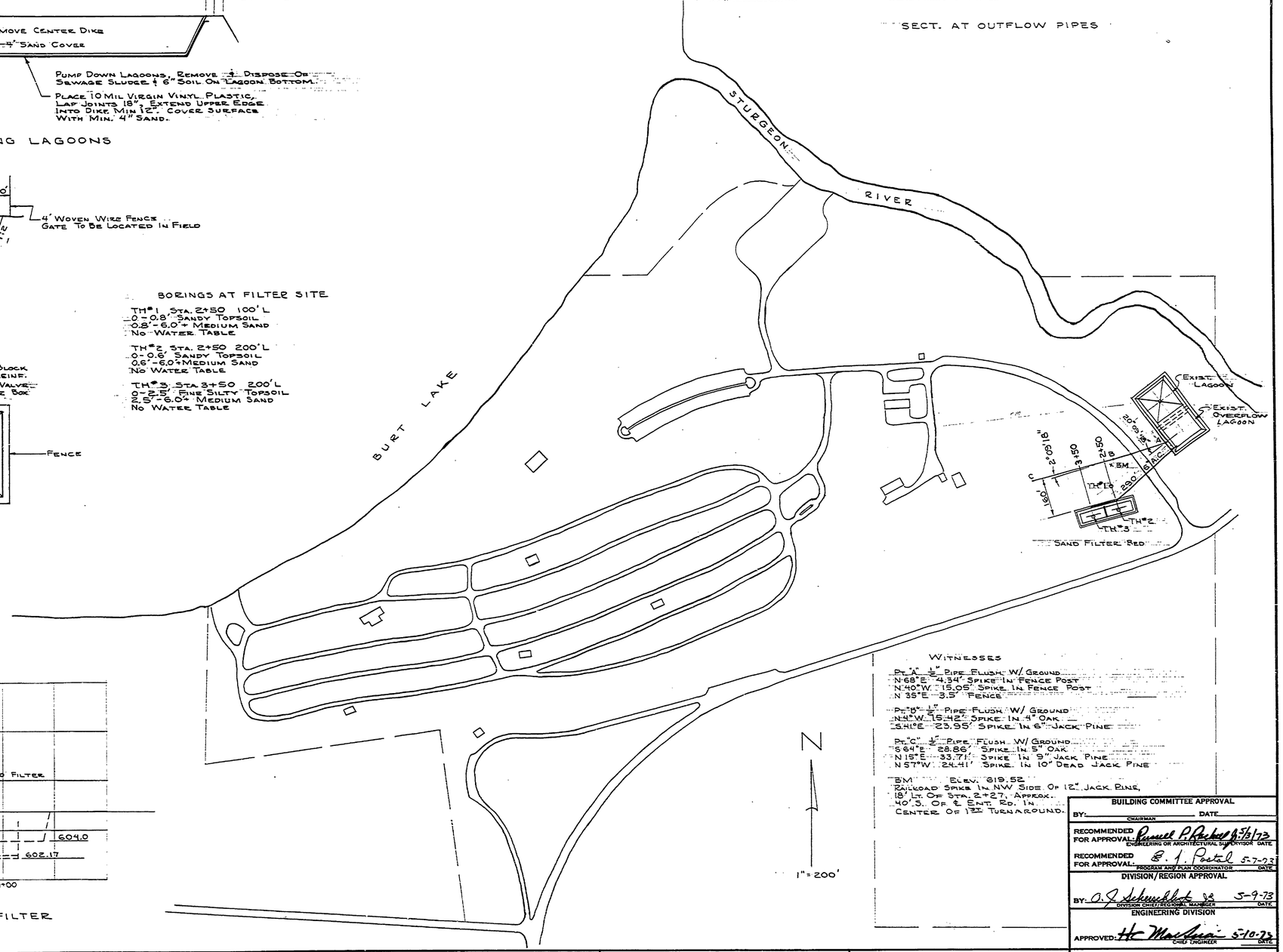
TH#3, STA 3+50 200' L
0 - 2.5' FINE SILTY TOPSOIL
2.5' - 6.0'+ MEDIUM SAND
NO WATER TABLE

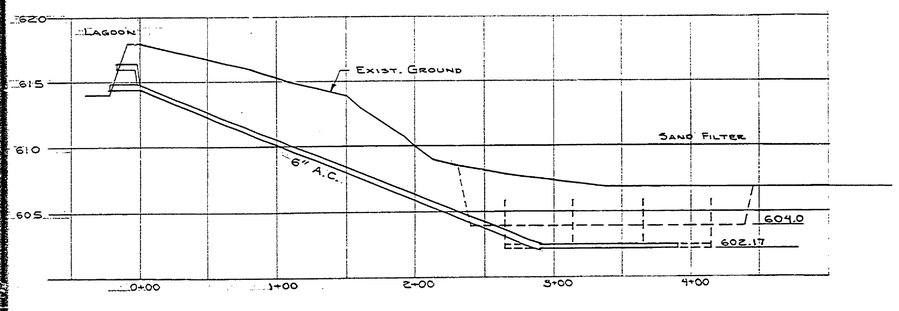


DETAIL - SAND FILTER
1" = 30' HORIZ.
1" = 5' VERT.



SECT. AT OUTFLOW PIPES





PROFILE - GRAVITY LINE - LAGOON TO SAND FILTER

WITNESSES

PT. "A" ½" PIPE FLUSH W/ GROUND
N 68° E 4.34' SPIKE IN FENCE POST
N 40° W 15.05' SPIKE IN FENCE POST
N 35° E 3.5' FENCE

PT. "B" ½" PIPE FLUSH W/ GROUND
N 41° W 15.42' SPIKE IN 4" OAK
S 41° E 23.55' SPIKE IN 6" JACK PINE

PT. "C" ½" PIPE FLUSH W/ GROUND
S 64° E 28.86' SPIKE IN 5" OAK
N 15° E 33.71' SPIKE IN 9" JACK PINE
N 57° W 24.41' SPIKE IN 10" DEAD JACK PINE

BM ELEV. 619.52
RAILROAD SPIKE IN NW SIDE OF 12" JACK PINE, 18' LT. OF STA. 2+27, APPROX. 40' S. OF & ENT. RD. IN CENTER OF 1ST TURNAROUND.

BUILDING COMMITTEE APPROVAL
BY: _____ CHAIRMAN DATE _____

RECOMMENDED FOR APPROVAL: Russell P. Rickard 5-7-73 ENGINEERING OR ARCHITECTURAL SUPERVISOR DATE

RECOMMENDED FOR APPROVAL: E. A. Postal 5-7-73 PROGRAM AND PLAN COORDINATOR DATE

DIVISION/REGION APPROVAL
BY: O. J. Schmeltz 5-9-73 DIVISION CHIEF/REGIONAL MANAGER DATE

ENGINEERING DIVISION
APPROVED: H. C. Mankowski 5-10-73 CHIEF ENGINEER DATE

SURVEYED BY		DRAWN BY J. YMA	MAY '73
DESIGNED BY	MAY '73	CHECKED BY	
	DATE		DATE

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS
1.				3.			
2.				4.			

MICHIGAN
DEPARTMENT OF NATURAL RESOURCES

SEWAGE SYSTEM REVISIONS
SHEET TITLE

BURT LAKE STATE PARK
AREA OR PARK
SEWAGE SYSTEM REVISIONS
PROJECT

PROJECT NO. 24-1445
SHEET 1 OF 1
PLAN NO. E-118