COMMERCIAL BLUEPRINT SERVICE 500 11-67

WITNESSES TO P.O.P. STA. 0+00
3/4" IRON PIPE & ASPHALT DRIVE
1/2" BELOW SURFACE
S73°15'E 31.90' 36" COTTONWOOD
S13°1'W 137.15' P.P. ℄
N78°30'W 82.0' P.P. ℄

WITNESSES TO P.O.E. STA. 9+83.47
3/4" IRON PIPE
S62°45'W 20.64' 28" MAPLE
N1°30'E 32.35' 17" MAPLE

BM#20 EL. 598.38
CHISELED SQUARE ON N. COR. OF CONC. STOOP ON THE WEST SIDE TOILET BLDG @ PICNIC AREA

BM#1 EL. 597.27
AT HAMLIN LAKE DAM TOP OF FIRST BAY WALL S. OF RT. ABUT. CHISELED "O"

BM#3 EL. 598.53
CHISELED "X" 99.4' N OF INSIDE FACE OF RT. ABUT. ON TOP OF STEEL SHEET PILING LEVEL WITH GROUND

TH#1 53' LT. @ 4+30 0.0'-4.0'
FINE SAND SOME PEBBLES 4.0' E.O.B.
SAND SHOWED TRACES OF ASHES & PIECES OF FIREWOOD AT 2.5'-3.0'

TH#2 53' LT. @ 4+70 0.0'-4.0'
FINE CLEAR YELLOW SAND
4.0' E.O.B.

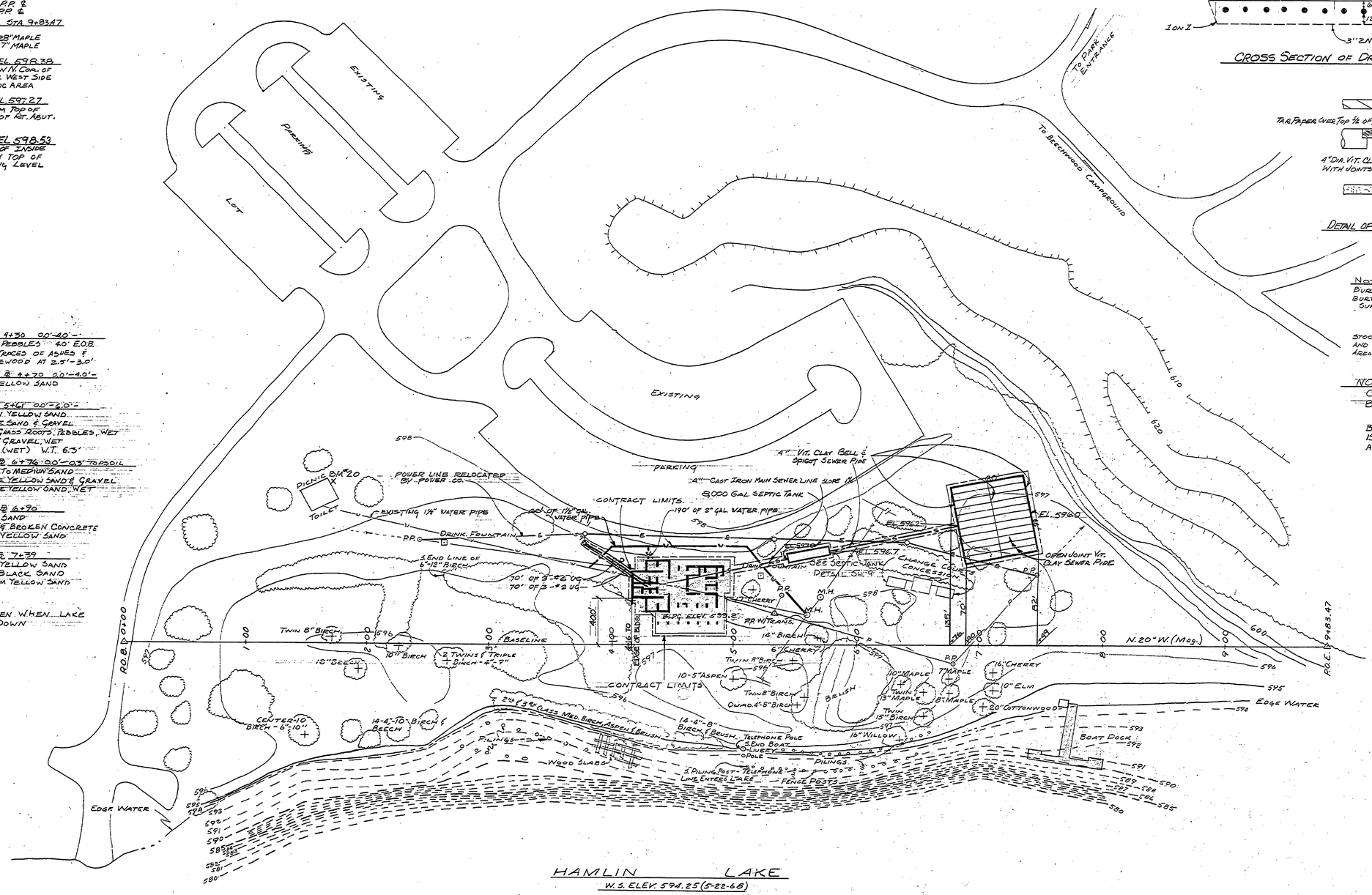
TH#3 78' LT. @ 5+61 0.0'-6.0'
FINE TO MEDIUM YELLOW SAND
6.0'-6.4' COARSE SAND & GRAVEL
6.4'-7.0' SAND, GRASS ROOTS, PEBBLES, WET
7.0'-9.0' SAND & GRAVEL, WET
9.0'-12'+ SAND (WET) W.T. 6.3'

TH#4 135' LT. @ 6+76 0.0'-0.3' TOPSOIL
0.3'-3.5' FINE TO MEDIUM SAND
3.5'-5.5' COARSE YELLOW SAND & GRAVEL
5.5'-6.5' COARSE YELLOW SAND, WET
W.T. 6.0'

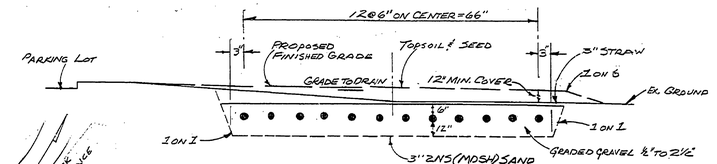
TH#5 90' LT. @ 6+70
0.0'-0.5' FINE SAND
0.5'-1.5' SAND & BROKEN CONCRETE
1.5'-6.5' FINE YELLOW SAND
W.T. 5.5'

TH#6 100' LT. @ 7+39
0.0'-0.5' FINE YELLOW SAND
0.5'-1.0' FINE BLACK SAND
1.0'-6.0' MEDIUM YELLOW SAND
W.T. 5.0'

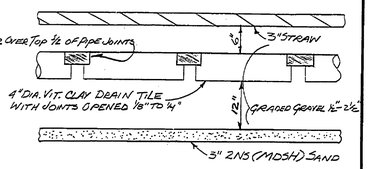
NOTE:
BORINGS TAKEN WHEN LAKE LEVEL WAS DOWN



HAMLIN LAKE
W.S. ELEV. 594.25 (5-22-68)



CROSS SECTION OF DRAINAGE FIELD



DETAIL OF OPEN JOINT SEWER PIPE

NOTE:
BURY WATER PIPES 40" MIN.
BURY UNDERGROUND ELEC. SUPPLY 30" MIN.

STOCKPILE TOPSOIL FOR FILL AROUND BLDG. AND ON THE DRAINAGE FIELD AND OTHER DISTURBED AREAS TO MIN. DEPTH OF 4".

NOTE:
CLEARING AND GRUBBING WILL BE DONE BY OTHERS

BUILDING CONTRACTOR TO SUPPLY 1500 C.Y. FILL FOR BUILDING & CUT AND SALVAGE 300 C.Y. TOPSOIL

SCALE: 1" = 40'

SURVEYED BY A.V. McCANN	5-68	DRAWN BY P.G. HAREY	12-68	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF CONSERVATION	SHEET NO. 2 OF 9
DESIGNED BY		CHECKED BY	1/20/70	1.				3.					FOR PROJECT NO. 110-75-2499-023
	DATE		DATE	2.				4.					

LUDINGTON STATE PARK
HAMLIN LAKE BEACH DEVELOPMENT
SHEET 2 OF 9 PLAN NO. A-108