

CAMPGROUND PAD LAYOUT						
SITE NO.	STATION	ELEVATIONS		PAD SLOPE %	END POINT COORDINATES	
		@ DRIVE C	@ PAD END		NORTH	EAST
A	19+20.57	598.17	597.47	-1.00%	4264.34	5002.94
B	19+74.24	598.36	597.64	-1.00%	4211.35	5000.58
C	10+37.08	597.08	596.48	-1.00%	4286.54	4858.61
D	10+84.64	597.10	596.50	-1.00%	4240.87	4846.28

CONSTRUCT 12" SDR-18 PVC CASING PIPE AT STATION 21+56. INVERT ELEVATION OF CASING PIPE SHALL BE 592.0. CAP ENDS OF CASING PIPE AND MARK LOCATIONS WITH 4x4 WOLMANIZED POST EXTENDED 12" ABOVE GRADE. CASING PIPE SHALL EXTEND A MINIMUM OF 10' BEYOND EDGE OF GRAVEL SHOULDER EACH SIDE OF DRIVE.

MATCH EXISTING SURFACE ELEVATION WITH PROPOSED.

CURVE NO. 7  
PI = 25+32.87

CONSTRUCT 4' PRECAST CONCRETE STORM MANHOLE WITH MDOT TYPE A COVER AT EXISTING 18" STORM SEWER. CONSTRUCT 10' LFT OF 6" PDS OUTLET NORTH AND SOUTH OF MANHOLE.

REMOVE EXISTING DRINKING FOUNTAIN. CONSTRUCT NEW DRINKING FOUNTAIN. SEE 5 FOR DETAIL.

From Sta 18+00 to Sta 20+15 of full width of road put in stabilization as part of undercut allowance for 24" PDS

30' cyds fill for undercut allowance

REMOVE 12" MAPLE

EXISTING UNDERGROUND ELECTRIC (2" PVC) TO PUMP STATION SHALL BE PROTECTED.

CENTRAL CAMPGROUND - NORTH LOOP  
SEE SHEET 11 FOR PLAN

CONSTRUCT 4" PVC ELECTRICAL CONDUIT TYPICAL OF 1-EACH

CONSTRUCT 2' PRECAST CONCRETE CATCH BASIN TO ELEVATION 596.3. CONSTRUCT 6" PDS OUTLET PIPE TO PROPOSED MANHOLE. IE AT CATCH BASIN 595.18

SEE SHEET 5 FOR CAMPGROUND PAD TYPICAL CROSS SECTION AND DETAILS.

REGRADE CAMPGROUND AREA TO PROVIDE DRAINAGE TO PROPOSED CATCH BASIN. CONTRACTOR SHALL FILL LOW AREAS AS REQUIRED AND CONSTRUCT A DRAINAGE SWALE WITH 1 ON 20 SIDE SLOPES.

SEE SHEET 3 FOR TYPICAL CROSS SECTION FOR ENTRANCE DRIVE AND CAMPGROUND DRIVE.

CONSTRUCT 4' PRECAST CONCRETE STORM MANHOLE WITH MDOT TYPE A COVER AT EXISTING 18" STORM SEWER. CONSTRUCT 10' LFT OF 6" PDS OUTLET NORTH AND SOUTH OF MANHOLE.

MULLETT LAKE  
WATER LEVEL-ELEV. 593.85 (12-92)

R.P. #	COORD'S
2	N 4320.55 E 4954.59

TREE LEGEND

- M = MAPLE
- AS = ASPEN
- A = ASH
- O = OAK
- C = CEDAR
- B = BASSWOOD
- MA = MOUNTAIN ASH

WITNESSES TO R.P.

R.P. #2 (1/2" BAR)  
SET NAIL AND TAG SOUTH-SIDE 10' ASH N10°W, 42.51'  
SET NAIL AND TAG NORTH-SIDE 10' MAPLE N80°E, 58.28'  
SET NAIL AND TAG EAST-SIDE 10' ASH S25°W, 61.26'

LEGEND

- C = CAMP SITE
- L = LIGHT POLE
- E = EXISTING ELEVATION
- R = REFERENCE POINT
- W = WATER VALVE

BENCH MARK NO. 2  
P.K. NAIL EAST SIDE OF 34" MAPLE, ELEVATION 605.46

BENCH MARK NO. 3  
NAIL AND TAG NORTHEAST SIDE 10' ASH, ELEVATION 601.76

CURVE NO. 6	CURVE NO. 7	CURVE NO. 25	CURVE NO. 26	CURVE NO. 27
Δ = 27'23"00"	Δ = 26'20"49"	Δ = 5'29"50"	Δ = 8'55"31"	Δ = 8'55"31"
R = 670.00'	R = 650.00'	R = 400.00'	R = 400.00'	R = 60.00'
T = 163.22'	T = 152.14'	T = 19.20'	T = 31.22'	T = 54.00'
D = 8,551,609"	D = 8,814,735"	D = 14,323,945"	D = 14,323,945"	D = 95,492,966"
L = 320.21'	L = 298.90'	L = 38.38'	L = 62.31'	L = 87.94'
PC = 18+34.13	PC = 23+80.73	PC = 9+91.96	PC = 10+95.38	PC = 11+63.04
PI = 19+97.35	PI = 25+32.87	PI = 10+11.16	PI = 11+26.60	PI = 12+17.04
PT = 21+54.34	PT = 26+79.63	PT = 10+30.34	PT = 11+57.69	PT = 12+50.98

DATE	BY	DESCRIPTION
7-06-92	DAF	ISSUED FOR PRELIMINARY
7-14-93	GJF	CONSTRUCTION
	GDA	FINAL RECORD

Capital Consultants, Inc. ENGINEERS

STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET  
Office of Facilities

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

ALOHA STATE PARK  
ENTRANCE DRIVE STATION 18+00 TO 27+00  
NORTH CAMPGROUND DRIVE STATION 9+00 TO 14+03

SCALE: HORIZ. 1"=30'  
PROJ. NO.: 91165  
SHEET 8 OF 10

Replaces sheet 9 of 17 - Bulletin No. 1