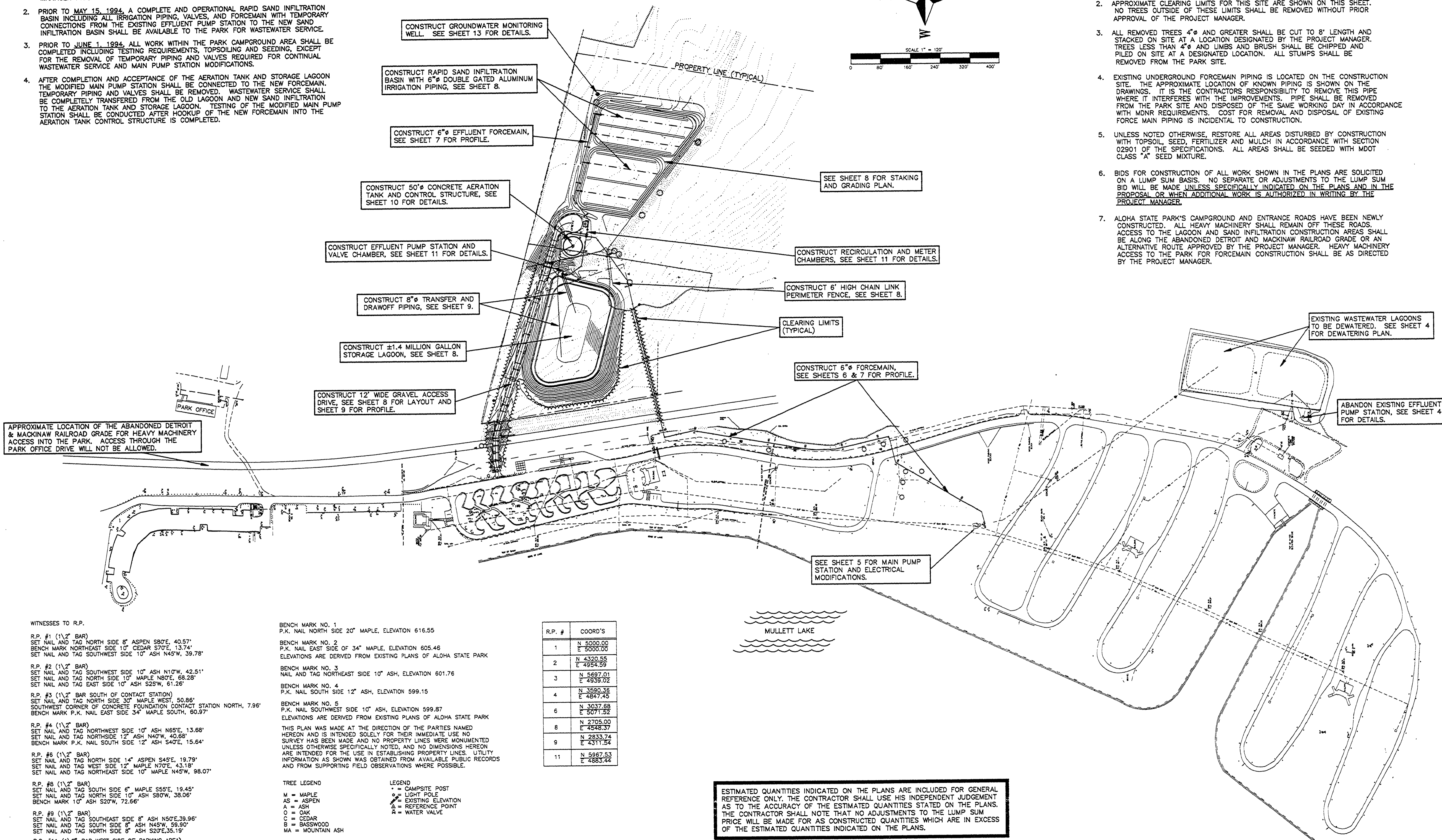
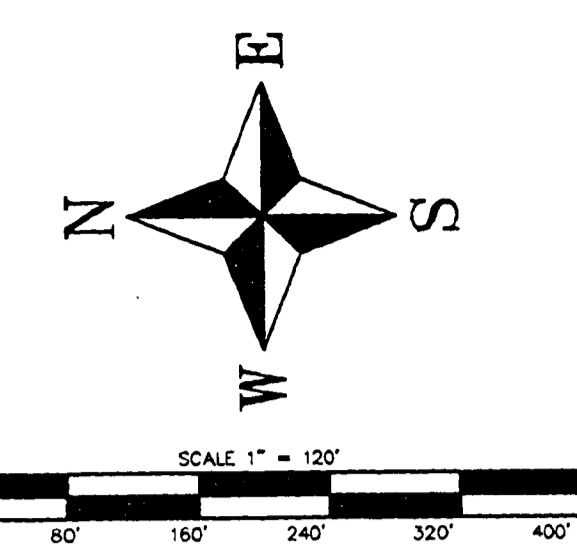


CONSTRUCTION SCHEDULING

1. THE CONTRACTOR SHALL MAINTAIN EXISTING SANITARY SERVICE DURING CONSTRUCTION OF THE IMPROVEMENTS WHILE THE PARK IS OPEN. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEES, VALVES AND CONNECTIONS FOR CONTINUAL WASTEWATER SERVICE WITHOUT ADDITIONAL COSTS TO THE OWNER. THE CONTRACTOR'S PROPOSED MEANS TO ENSURE CONTINUAL SERVICE SHALL BE REVIEWED AND COORDINATED BY THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
2. PRIOR TO MAY 15, 1994, A COMPLETE AND OPERATIONAL RAPID SAND INFILTRATION BASIN INCLUDING ALL IRRIGATION PIPING, VALVES, AND FORCEMAIN WITH TEMPORARY CONNECTIONS FROM THE EXISTING EFFLUENT PUMP STATION TO THE NEW SAND INFILTRATION BASIN SHALL BE AVAILABLE TO THE PARK FOR WASTEWATER SERVICE.
3. PRIOR TO JUNE 1, 1994, ALL WORK WITHIN THE PARK CAMPGROUND AREA SHALL BE COMPLETED INCLUDING TESTING REQUIREMENTS, TOPSOILING AND SEEDING, EXCEPT FOR THE REMOVAL OF TEMPORARY PIPING AND VALVES REQUIRED FOR CONTINUAL WASTEWATER SERVICE AND MAIN PUMP STATION MODIFICATIONS.
4. AFTER COMPLETION AND ACCEPTANCE OF THE AERATION TANK AND STORAGE LAAGOON THE MODIFIED MAIN PUMP STATION SHALL BE CONNECTED TO THE NEW FORCEMAIN. TEMPORARY PIPING AND VALVES SHALL BE REMOVED. WASTEWATER SERVICE SHALL BE COMPLETELY TRANSFERRED FROM THE OLD LAAGOON AND NEW SAND INFILTRATION TO THE AERATION TANK AND STORAGE LAAGOON. TESTING OF THE MODIFIED MAIN PUMP STATION SHALL BE CONDUCTED AFTER HOOKUP OF THE NEW FORCEMAIN INTO THE AERATION TANK CONTROL STRUCTURE IS COMPLETED.

GENERAL CONSTRUCTION NOTES

1. SOIL BORING LOGS ARE INCLUDED IN THE SPECIFICATIONS FOR THE CONTRACTOR'S GENERAL INFORMATION. THE CONTRACTOR SHALL NOT RELY SOLELY UPON THIS INFORMATION AS TO SUBSOIL CONDITIONS TO BE ENCOUNTERED IN ACCOMPLISHING THE WORK AND IS ENCOURAGED TO MAKE HIS OWN DETERMINATION AS TO SOIL CONDITIONS. THE CONTRACTOR SHALL COMPLETE THE WORK IN WHATEVER CONDITIONS HE MAY ENCOUNTER OR CREATE, WITHOUT EXTRA COST TO THE OWNER.
2. APPROXIMATE CLEARING LIMITS FOR THIS SITE ARE SHOWN ON THIS SHEET. NO TREES OUTSIDE OF THESE LIMITS SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE PROJECT MANAGER.
3. ALL REMOVED TREES 4" AND GREATER SHALL BE CUT TO 8' LENGTH AND STACKED ON SITE AT A LOCATION DESIGNATED BY THE PROJECT MANAGER. TREES LESS THAN 4" AND LIMBS AND BRUSH SHALL BE CHIPPED AND PILED ON SITE AT A DESIGNATED LOCATION. ALL STUMPS SHALL BE REMOVED FROM THE PARK SITE.
4. EXISTING UNDERGROUND FORCEMAIN PIPING IS LOCATED ON THE CONSTRUCTION SITE. THE APPROXIMATE LOCATION OF KNOWN PIPING IS SHOWN ON THE DRAWINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE THIS PIPE WHERE IT INTERFERES WITH THE IMPROVEMENTS. PIPE SHALL BE REMOVED FROM THE PARK SITE AND DISPOSED OF THE SAME WORKING DAY IN ACCORDANCE WITH MDNR REQUIREMENTS. COST FOR REMOVAL AND DISPOSAL OF EXISTING FORCE MAIN PIPING IS INCIDENTAL TO CONSTRUCTION.
5. UNLESS NOTED OTHERWISE, RESTORE ALL AREAS DISTURBED BY CONSTRUCTION WITH TOPSOIL, SEED, FERTILIZER AND MULCH IN ACCORDANCE WITH SECTION 02901 OF THE SPECIFICATIONS. ALL AREAS SHALL BE SEEDDED WITH MDOOT CLASS "A" SEED MIXTURE.
6. BIDS FOR CONSTRUCTION OF ALL WORK SHOWN IN THE PLANS ARE SOLICITED ON A LUMP SUM BASIS. NO SEPARATE OR ADJUSTMENTS TO THE LUMP SUM BID WILL BE MADE UNLESS SPECIFICALLY INDICATED ON THE PLANS AND IN THE PROPOSAL OR WHEN ADDITIONAL WORK IS AUTHORIZED IN WRITING BY THE PROJECT MANAGER.
7. ALOHA STATE PARK'S CAMPGROUND AND ENTRANCE ROADS HAVE BEEN NEWLY CONSTRUCTED. ALL HEAVY MACHINERY SHALL REMAIN OFF THESE ROADS. ACCESS TO THE LAAGOON AND SAND INFILTRATION CONSTRUCTION AREAS SHALL BE ALONG THE ABANDONED DETROIT AND MACKINAW RAILROAD GRADE OR AN ALTERNATIVE ROUTE APPROVED BY THE PROJECT MANAGER. HEAVY MACHINERY ACCESS TO THE PARK FOR FORCEMAIN CONSTRUCTION SHALL BE AS DIRECTED BY THE PROJECT MANAGER.



APPROXIMATE LOCATION OF THE ABANDONED DETROIT & MACKINAW RAILROAD GRADE FOR HEAVY MACHINERY ACCESS INTO THE PARK. ACCESS THROUGH THE PARK OFFICE DRIVE WILL NOT BE ALLOWED.

EXISTING WASTEWATER LAAGOONS TO BE DEWATERED. SEE SHEET 4 FOR DEWATERING PLAN.

ABANDON EXISTING EFFLUENT PUMP STATION, SEE SHEET 4 FOR DETAILS.

MULLETT LAKE

ESTIMATED QUANTITIES INDICATED ON THE PLANS ARE INCLUDED FOR GENERAL REFERENCE ONLY. THE CONTRACTOR SHALL USE HIS INDEPENDENT JUDGEMENT AS TO THE ACCURACY OF THE ESTIMATED QUANTITIES STATED ON THE PLANS. THE CONTRACTOR SHALL NOTE THAT NO ADJUSTMENTS TO THE LUMP SUM PRICE WILL BE MADE FOR AS CONSTRUCTED QUANTITIES WHICH ARE IN EXCESS OF THE ESTIMATED QUANTITIES INDICATED ON THE PLANS.

WITNESSES TO R.P.
 R.P. #1 (1/2" BAR)
 SET NAIL AND TAG NORTH SIDE 8' ASPEN S80°E, 40.57'
 BENCH MARK NORTHEAST SIDE 10' CEDAR S70°E, 13.74'
 SET NAIL AND TAG SOUTHWEST SIDE 10' ASH N45°W, 39.78'

R.P. #2 (1/2" BAR)
 SET NAIL AND TAG SOUTHWEST SIDE 10' ASH N10°W, 42.51'
 SET NAIL AND TAG NORTH SIDE 10' MAPLE N80°E, 68.28'
 SET NAIL AND TAG EAST SIDE 10' ASH S25°W, 61.26'

R.P. #3 (1/2" BAR SOUTH OF CONTACT STATION)
 SET NAIL AND TAG NORTH SIDE 30' MAPLE WEST, 50.86'
 SOUTHWEST CORNER OF CONCRETE FOUNDATION CONTACT STATION NORTH, 7.98'
 BENCH MARK P.K. NAIL EAST SIDE 34' MAPLE SOUTH, 60.97'

R.P. #4 (1/2" BAR)
 SET NAIL AND TAG NORTHWEST SIDE 10' ASH N65°E, 13.68'
 SET NAIL AND TAG NORTHSIDE 12' ASH N40°W, 40.68'
 BENCH MARK P.K. NAIL SOUTH SIDE 12' ASH S40°E, 15.64'

R.P. #5 (1/2" BAR)
 SET NAIL AND TAG NORTH SIDE 14' ASPEN S45°E, 19.79'
 SET NAIL AND TAG WEST SIDE 12' MAPLE N70°E, 43.18'
 SET NAIL AND TAG NORTHEAST SIDE 10' MAPLE N45°W, 98.07'

R.P. #6 (1/2" BAR)
 SET NAIL AND TAG SOUTH SIDE 6' MAPLE S55°E, 19.45'
 SET NAIL AND TAG NORTH SIDE 10' ASH S80°W, 38.06'
 BENCH MARK 10' ASH S20°W, 72.66'

R.P. #7 (1/2" BAR)
 SET NAIL AND TAG SOUTHEAST SIDE 8' ASH N50°E, 39.96'
 SET NAIL AND TAG SOUTH SIDE 8' ASH N45°W, 59.90'
 SET NAIL AND TAG NORTH SIDE 8' ASH S20°E, 35.19'

R.P. #11 (1/2" BAR WEST SIDE OF PARKING AREA)
 SET NAIL AND TAG SOUTHWEST SIDE 20' MAPLE S85°E, 67.49'
 SET NAIL AND TAG EAST SIDE 24' MAPLE SOUTH, 15.62'

BENCH MARK NO. 1
 P.K. NAIL NORTH SIDE 20' MAPLE, ELEVATION 616.55

BENCH MARK NO. 2
 P.K. NAIL EAST SIDE OF 34' MAPLE, ELEVATION 605.46
 ELEVATIONS ARE DERIVED FROM EXISTING PLANS OF ALOHA STATE PARK

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

BENCH MARK NO. 4
 P.K. NAIL SOUTH SIDE 12' ASH, ELEVATION 599.15

BENCH MARK NO. 5
 P.K. NAIL SOUTHWEST SIDE 10' ASH, ELEVATION 599.87
 ELEVATIONS ARE DERIVED FROM EXISTING PLANS OF ALOHA STATE PARK

THIS PLAN WAS MADE AT THE DIRECTION OF THE PARTIES NAMED HEREON AND IS INTENDED SOLELY FOR THEIR IMMEDIATE USE. NO SURVEY HAS BEEN MADE AND NO PROPERTY LINES WERE MONUMENTED UNLESS OTHERWISE SPECIFICALLY NOTED, AND NO DIMENSIONS HEREON ARE INTENDED FOR THE USE IN ESTABLISHING PROPERTY LINES. UTILITY INFORMATION AS SHOWN WAS OBTAINED FROM AVAILABLE PUBLIC RECORDS AND FROM SUPPORTING FIELD OBSERVATIONS WHERE POSSIBLE.

R.P. #	COORD'S
1	N 5000.00 E 5000.00
2	N 4320.55 E 4954.39
3	N 5697.01 E 4939.02
4	N 3590.36 E 4847.45
6	N 3037.68 E 5071.52
8	N 2705.00 E 4548.37
9	N 2833.74 E 4311.54
11	N 5987.53 E 4883.44

TREE LEGEND

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

LEGEND

* = CAMPSITE POST
 ○ = LIGHT POLE
 △ = EXISTING ELEVATION
 □ = REFERENCE POINT
 ⊕ = WATER VALVE

DRN BY: PMR	IDENTIFICATION NO.	ISSUED FOR	DATE	REVISED PER COMMENTS	<p>STATE OF MICHIGAN DEPARTMENT OF MANAGEMENT AND BUDGET Office of Facilities</p>	<p>QUALITY OF LIFE RECREATION BOND MICHIGAN DEPARTMENT OF NATURAL RESOURCES PARKS DIVISION - STATE ACCT. NO. 607-75-2450-400</p>	<p>ALOHA STATE PARK GENERAL SITE PLAN, CONSTRUCTION NOTES AND SCHEDULING</p>	<p>SCALE: 1"=120' PROJ. NO.: 90134 SHEET 2 OF 13</p>
DES. BY: PMR	PROJECT - ALOHA	PRELIMINARY <input checked="" type="checkbox"/>	11-30-93					
CHK BY: GDA	STATE ACCOUNT	CONSTRUCTION <input checked="" type="checkbox"/>	1-31-94					
APP'D BY: GDA	607-75-2450-400	FINAL RECORD <input type="checkbox"/>						

FILE NAME: 0134GSP
 PLOT DATE: 1-18-94
 ROTATED: NO
 ROTATION ANGLE: 90°

L-116