



MISCELLANEOUS SMALL TREES LOCATED ON THE PROJECT SITE ARE NOT SHOWN ON THE DRAWING. SUCH TREES LOCATED WITHIN THE GRADING LIMITS SHALL BE REMOVED INCIDENTAL TO MACHINE GRADING MODIFIED. TREES LOCATED OUTSIDE THE GRADING LIMITS SHALL BE PROTECTED.

CONTRACTOR SHALL DELIVER ALL CONSTRUCTION MATERIALS TO THE SITE THROUGH THE ABANDONED DRIVE. THE DRIVE SHALL BE RESTORED WITH TOPSOIL, SEED, AND MULCH UPON COMPLETION OF CONSTRUCTION. USE OF THE PARK ENTRANCE DRIVE WILL NOT BE PERMITTED.

EXISTING POSTS WITHIN THE GRADING LIMITS SHALL BE REMOVED AND STOCKPILED AT A SITE DESIGNATED BY THE OWNER, INCIDENTAL TO MACHINE GRADING MODIFIED.

CONTRACTOR SHALL REMOVE THE EXISTING PARKING RAILS AND STOCKPILE AT A SITE DESIGNATED BY THE OWNER, INCIDENTAL TO MACHINE GRADING MODIFIED.

CONSTRUCT 60 LF OF GRAVEL TRANSITION FROM PROPOSED BITUMINOUS SURFACE TO EXISTING GRAVEL SURFACE.

APPROXIMATE GRADING LIMITS. REMOVE TOPSOIL AND STOCKPILE. GRADE TO PROVIDE DRAINAGE AWAY FROM PARKING AND ROAD AREAS. REPLACE TOPSOIL, SEED AND MULCH.

THE EXISTING TREES IN THE CENTER ISLAND FROM STATION 3+00 TO 8+00 WILL BE REMOVED BY THE PARK FORCES WITH ONLY THE STUMPS REMAINING. THE CONTRACTOR SHALL REMOVE THE STUMPS AND ANY REMAINING LIMBS AS PART OF THIS PROJECT. THE STUMPS HAVE BEEN INCLUDED IN THE ESTIMATED TREE REMOVAL QUANTITIES.

CONSTRUCT EMBANKMENT FOR SHELTER BUILDING SITE FROM EDGE OF ROAD AND PARKING LOTS TO GRADING LIMITS. EMBANKMENT SHALL BE CONSTRUCTED TO ELEVATION 584.5±. EMBANKMENT UNDER SIDEWALKS AND SHELTER BUILDING SHALL CONFORM TO SECTION 01410, TABLE OF COMPACTION OPERATIONS AND REQUIREMENTS PARAGRAPH D.—STRUCTURES. LOCATIONS OF SIDEWALKS AND SHELTER BUILDING SHALL BE COORDINATED WITH BUILDING CONTRACTOR.

PROPOSED SHELTER BUILDING. TO BE CONSTRUCTED BY OTHERS. FF ELEVATION 585.00

TREES TO BE REMOVED AS PART OF PARKING LOT CONSTRUCTION — TYPICAL. ALL OTHER TREES ARE TO BE PROTECTED. REMOVAL OF TREES SMALLER THAN 8"Ø SHALL BE INCIDENTAL TO MACHINE GRADING MODIFIED.

APPROXIMATE LIMITS OF EXISTING CLAY FILL MATERIAL. MATERIAL IS TO BE REMOVED FROM PAVED AREAS AND MAY BE PLACED IN EMBANKMENT AREAS OUTSIDE OF PAVED AREAS.

CONTRACTOR SHALL REMOVE EXISTING TOPSOIL WITHIN THE EXISTING PARKING LOT. AN ALLOWANCE OF 1150 C.Y. OF EARTH EXCAVATION AND 1150 C.Y. OF SUBBASE IS INCLUDED IN THE QUANTITIES FOR THIS ITEM. LIMITS OF TOPSOIL REMOVAL SHALL BE APPROVED BY THE PROJECT MANAGER.

- TREE LEGEND**
- ASH
 - SPINE
 - WILLOW
 - CEDAR
 - ELM
 - OAK
 - COTTONWOOD
 - HICKORY
 - MAPLE

R.P. Δ = REFERENCE POINT

R.P. #	COORD'S
1	N 2000.00 E 2000.00
2	N 2355.55 E 1150.91

WITNESSES TO R.P.

R.P. #1 (1/2" BAR)
SET PK NAIL SOUTH SIDE 6" TRIPLE MAPLE, EAST, 23.27'
BENCH MARK #1, PK NAIL WEST SIDE 14" OAK, SOUTH, 38.71'
SET PK NAIL WEST SIDE 8" CEDAR, NORTH, 25.24'

R.P. #2 (1/2" BAR)
SET PK NAIL SOUTH SIDE 8" TWIN ASH, EAST, 41.00'
SET PK NAIL WEST SIDE 14" OAK, SOUTH, 38.71'
BENCH MARK #2, PK NAIL NORTH SIDE 18" ASH, S60E, 90.68'

BENCH MARK #1
PK NAIL IN WEST SIDE OF 14" OAK, 44.59' FROM R.P. #1, ELEVATION 584.18

BENCH MARK #2
PK NAIL NORTH SIDE 18" ASH, 38.71' FROM R.P. #2, ELEVATION 584.49

ALL ELEVATION ARE 500.00 FEET PLUS.

THIS PLAN WAS MADE AT THE DIRECTION OF THE PARTIES NAMED HEREOF AND IS INTENDED SOLELY FOR THEIR IMMEDIATE USE AND NO SURVEY HAS BEEN MADE AND NO PROPERTY LINES WERE MONUMENTED UNLESS OTHERWISE SPECIFICALLY NOTED, AND NO DIMENSIONS HEREOF 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.

BAY CITY STATE PARK PARKING LOT QUANTITIES		
ITEM	ESTIMATED QUANTITIES	UNIT USED
REMOVE EXISTING TREES 8"-18" DIAMETER	65	EACH
REMOVE EXISTING TREES 19"-36" DIAMETER	10	EACH
EARTH EXCAVATION	1450	C.Y.
EMBANKMENT (CIP)	3430	C.Y.
MACHINE GRADING MODIFIED	24,08	STA.
SUBBASE (COMPACTED IN PLACE)	7165	C.Y.
AGGREGATE BASE — BITUMINOUS	5512	TONS
MDOT 22A SHOULDERS	32	TONS
BITUMINOUS MIXTURE NO. 1100T, 20AA	1355	TONS
3# STEEL POST	156	L.F.
SIGN TYPE IIIA	20	S.F.
FAST DRY PAVEMENT MARKINGS 4" YELLOW	3350	L.F.
FAST DRY PAVEMENT MARKINGS 8" YELLOW	485	L.F.
FURNISH AND INSTALL CONCRETE PARKING RAILS	2472	L.F.
8" DIAMETER SDR-35 PVC SANITARY SEWER	781	L.F.
6" DIAMETER SDR-35 PVC SANITARY SEWER	92	L.F.
4" DIAMETER PRECAST CONCRETE SANITARY MANHOLE CONNECTION TO EXISTING MANHOLE, INCLUDING PROP CONNECTION	4	EACH
CONNECTION TO EXISTING WATER MAIN, INCLUDING SERVICE CLAMP, CORPORATION, AND CURB VALVE WITH BOX	L.S.	L.S.
2" DIAMETER WATER MAIN RESTORATION	195	L.F.
EARTH EXCAVATION — ALLOWANCE	1150	C.Y.
SUBBASE (COMPACTED IN PLACE) — ALLOWANCE	1150	C.Y.

DRN BY: SAH
DES'D BY: GJF
CK'D BY: GDA
APP'D BY:



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

BAY CITY STATE PARK
PARKING LOT SITE PLAN

SCALE: HORIZ. 1"=40'
PROJ. NO.: 90135
SHEET 3 OF 7