CONTRACTOR SHALL PROTECT EXISTING DRINKING FOUNTAIN AND CONCRETE PAD DURING CONSTRUCTION.

APPROXIMATE LIMITS OF ASPHALT REMOVAL FOR SEWER AND PARKING LOT CONSTRUCTION. ASPHALT TO BE SAWCUT. INCIDENTAL TO MACHINE GRADING MODIFIED.

CONSTRUCT 4'ø PRECAST CONCRETE SAN. MANHOLE NO. 2 @ COORDINATES N2389.23 E1246.57

CONSTRUCT 4'ø PRECAST CONCRETE SAN. MANHOLE NO. 3 @ COORDINATES N2281.99 E1465.76

CONSTRUCT 195 LF OF 2"ø WATER MAIN.

CONSTRUCT 6"ø SANITARY SEWER TO WITHIN 5' OF PROPOSED TOILET BUILDING AND MARK END OF SEWER WITH 4X4 EXTENDED 4" ABOVE PROPOSED GRADE.

CONSTRUCT 4'ø PRECAST CONCRETE SAN. MANHOLE NO. 4 @ COORDINATES N2171.75 E1684.95

NOTE: PROPOSED PARKING LOT IS SHOWN DASHED THIS DRAWING.

RELOCATED SANITARY TO ACCOMMODATE WATER AND ELECTRICAL

CONNECT PROPOSED 8"ø SANITARY SEWER TO EXISTING MANHOLE. REMOVE EXISTING 6" SANITARY FROM NORTH. REMOVE DROP PIPE AS REQUIRED FOR CONNECTION OF 8" SEWER TO EXISTING DROP PIPE. GROUT EXISTING SEWER OPENING AND ABANDON.

CONSTRUCT 4'ø PRECAST CONCRETE SANITARY MANHOLE NO. 1 @ COORDINATES N2394.92, E1016.92. CONNECT EXISTING SANITARY FROM NORTH WITH 20 LF OF 6"ø SDR-35 PVC SANITARY SEWER.

APPROXIMATE LOCATION OF UNDERGROUND ELECTRIC CABLE. MOVE AS REQUIRED FOR CONSTRUCTION OF MANHOLE.

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

CONNECT PROPOSED WATER MAIN TO EXISTING USING SERVICE CLAMP. INSTALL 2"ø CORPORATION AND 2"ø VALVE WITH VALVE BOX.

SAGINAW BAY

STATE PARK DR.

EDGE OF WATER ELEVATION 578.4

EDGE OF ASPHALT

R.P. #	COORD'S
1	N 2000.00 E 2000.00
2	N 2395.95 E 1150.91

WITNESSES TO R.P.

R.P. #1 (1/2" BAR)
SET PK NAIL SOUTHEAST SIDE 6" TRIPLE MAPLE, EAST, 23.27'
BENCH MARK #1, PK NAIL WEST SIDE 14" OAK, S10°W, 44.59'
SET PK NAIL WEST SIDE 8" CEDAR, NORTH, 25.24'

R.P. #2 (1/2" BAR)
SET PK NAIL SOUTH SIDE 8" TWN ASH, EAST 41.00'
SET PK NAIL WEST SIDE 14" OAK, SOUTH, 38.71'
BENCH MARK #2, PK NAIL NORTH SIDE 18" ASH, S60°E, 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.

TREE LEGEND

A = ASH
P = PINE
W = WILLOW
C = CEDAR
E = ELM
O = OAK
CW = COTTONWOOD
H = HICKORY
M = MAPLE

R.P. △ = REFERENCE POINT

PROPOSED SANITARY SEWER

PROPOSED MH NO. 1 TOC ELEV. 584.8
PROPOSED MH NO. 2 TOC ELEV. 585.2
PROPOSED MH NO. 3 TOC ELEV. 585.2
PROPOSED MH NO. 4 TOC ELEV. 585.2
EXISTING SANITARY MANHOLE
PROPOSED PROFILE OVER SEWER
APPROXIMATE PROFILE OVER SEWER
PROPOSED SHELTER BLDG. 584.5
42 LF OF 8"ø SDR-35 PVC SANITARY SEWER @ 0.40%
231 LF OF 8"ø SDR-35 PVC SANITARY SEWER @ 0.40%
244 LF OF 8"ø SDR-35 PVC SANITARY SEWER @ 0.40%
244 LF OF 8"ø SDR-35 PVC SANITARY SEWER @ 0.40%
72 LF OF 6"ø SDR-35 PVC SANITARY SEWER @ 0.60%
IE EX. 8" 574.09
IE 8" NORTH 575.92
IE 8" SOUTH 576.09
IE 8" EAST 576.12
IE 6" NORTH 578.0
IE 8" EAST & WEST 577.04
IE 8" EAST & WEST 578.02
IE 8" WEST 579.00
IE 6" NORTH 579.20
EX. 8" SAN. SWR.
585
580
575
570

PROPOSED WATER MAIN

APPROXIMATE PROFILE OVER WATER MAIN
PROPOSED SANITARY SEWER
196 LF OF 2"ø WATER MAIN
MAINTAIN 18" CLEARANCE BETWEEN SEWER AND WATER MAIN
ELEV. EX. 4" WATER MAIN 577.8
585
580
575
570

L-127

DR'N BY:	SAH
DES'D. BY:	GJF
CK'D BY:	GDA .
APP'D BY:	

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

BAY CITY STATE PARK
SITE UTILITIES

SCALE: HORIZ. 1"=40' VERT. 1"=5'
PROJ. NO.: 90135
SHEET 6 OF 7

7-17-90
0135PLUT