

WITNESSES TO R.P.

R.P. #7 (1/2" BAR WEST SIDE ASPHALT SIDEWALK)  
SET NAIL AND TAG SOUTH SIDE 12" OAK, N60°W, 25.42'  
SET NAIL AND TAG SOUTH SIDE 70" COTTONWOOD, S30°E, 39.30'  
SET NAIL AND TAG WEST SIDE 14" SYCAMORE, S10°W, 74.96'

R.P. #8 (1/2" BAR IN MIDDLE OF PARK AREA)  
SET NAIL AND TAG SOUTHEAST SIDE 50" COTTONWOOD, S75°W, 26.26'  
SET NAIL AND TAG SOUTH SIDE 20" COTTONWOOD, S70°E, 138.28'  
SET NAIL AND TAG EAST SIDE 50" COTTONWOOD, N25°E, 154.02'

ALL ELEVATIONS ARE 500.00 FEET PLUS

TREES AND UNDERGROUND UTILITIES NOT SHOWN

BENCH MARK:  
SPIKE IN NORTH SIDE OF 50" COTTONWOOD  
SOUTHEAST OF R.P. #7, ELEVATION 583.37'

PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL INSTALL 3' HIGH EROSION CONTROL FENCE AS SHOWN. THE EROSION CONTROL FENCE SHALL BE MAINTAINED IN PLACE THROUGHOUT CONSTRUCTION AND SHALL NOT BE REMOVED UNTIL THE TURF HAS BEEN RE-ESTABLISHED IN ALL AREAS DISTURBED BY CONSTRUCTION.

AREAS DESIGNATED BY WEEDS ARE RE-EMERGENT WETLANDS AND SHALL BE PROTECTED. (TYPICAL)

SNOW FENCE AND POSTS SHALL BE REMOVED AND DELIVERED TO THE PARK YARD.

PROTECT EXISTING BITUMINOUS WALK

UPON COMPLETION OF CONSTRUCTION OF THE EXTERIOR BERM, THE TOP AND OUTSIDE OF THE BERM SHALL BE TOPSOILED, SEEDED, AND MULCHED.

SITE RESTORATION:  
UPON REMOVAL OF ORGANIC DREDGED MATERIAL FROM THE CONTAINMENT AREA, THE SITE SHALL BE RESTORED TO A CONDITION EQUAL TO WHAT EXISTED PRIOR TO CONSTRUCTION. IF DREDGED GRANULAR MATERIAL HAS BEEN ISOLATED DURING THE DREDGING PROCESS AND IS FREE OF ORGANIC MATERIAL, SUCH GRANULAR MATERIAL MAY BE DISPOSED OF AT THE SITE. SHOULD SUCH GRANULAR MATERIAL EXIST, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER OF THE APPROXIMATE AMOUNT OF SUCH MATERIAL WHICH WILL REMAIN AT THE SITE. THE OWNER RESERVES THE RIGHT TO PROVIDE A SITE GRADING PLAN TO WHICH THE SITE WILL BE RESTORED. UPON COMPLETION OF REMOVAL OF THE DREDGED ORGANIC MATERIAL AND ANY SITE GRADING, THE SITE SHALL BE TOPSOILED, SEEDED, FERTILIZED, AND MULCHED.

RAISE EXISTING MANHOLES TO AN ELEVATION 1' ABOVE PROPOSED BERM ELEVATION BY INSTALLING 4" PRECAST CONCRETE MANHOLE SECTIONS AND INSTALLING EXISTING CASTING. UPON COMPLETION OF RESTORATION OF CONTAINMENT AREA, MANHOLES SHALL BE SET TO ORIGINAL GRADE. CONTRACTOR SHALL NOT DRIVE HEAVY EQUIPMENT OVER THE EXISTING SEWER LINES

APPROXIMATE EXTENT OF CONTAINMENT AREA. EXTERIOR BERM SLOPE SHALL BE 1 ON 6 AND INTERIOR BERM SLOPE SHALL BE 1 ON 4. THE EXACT SIZE AND CONFIGURATION OF THE AREA IS AT THE DISCRETION OF THE CONTRACTOR. MAXIMUM ELEVATION OF THE TOP OF BERM SHALL BE 585.0±

EXISTING TREES WITHIN THE DAY USE AREA ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL PROTECT THE EXISTING TREES LOCATED OUTSIDE OF THE PROPOSED CONTAINMENT AREA. REMOVAL AND REPLACEMENT OF TREES WITHIN THE CONTAINMENT AREA IS NOT REQUIRED. THE OWNER RESERVES THE RIGHT TO INCLUDE REMOVAL OF TREES WITHIN THE CONTAINMENT AREA WHICH MAY DIE DURING THE COURSE OF THE PROJECT. PAYMENT FOR REMOVAL OF SUCH TREES SHALL BE PER THE ALLOWANCE ITEM.

EXISTING BENCHES, PLAYGROUND EQUIPMENT, AND BACKSTOP SHALL BE MOVED TO A LOCATION AS DIRECTED BY THE PROJECT MANAGER.

INSTALL A 6' HIGH CHAIN LINK FENCE ALONG THE OUTSIDE EDGE OF THE TOP OF BERM.

MATERIAL REQUIRED FOR CONSTRUCTION OF THE EXTERIOR AND INTERIOR BERMS MAY BE EXCAVATED FROM THE CENTER OF THE CONTAINMENT SITE. EXCAVATION BELOW ELEVATION 580.0 WILL NOT BE PERMITTED.

DRAINAGE ALONG THE TOE OF BERM SLOPE SHALL BE REQUIRED. PROPOSED ELEVATIONS TO PROVIDE DRAINAGE ARE NOTED.

TOPSOIL STOCKPILE AREA.

THE CONTRACTOR'S PROPOSED METHOD OF STORING AND DEWATERING THE DREDGED MATERIAL SHALL BE SUBMITTED TO THE PROJECT MANAGER FOR REVIEW PRIOR TO CONSTRUCTION. THE SUBMITTAL SHALL INCLUDE THE CONTRACTOR'S PROPOSED LAYOUT OF THE CONTAINMENT AREA POND(S).

THE BASE LINE CONSISTS OF A LINE EXTENDED THROUGH REFERENCE POINTS 8 AND 9. STATION 8+50 IS LOCATED AT REFERENCE POINT 8.

LOCATE EXISTING WATER LINE AT MAIN AND DISCONNECT AND CAP. REMOVE EXISTING HYDRANT AND WATER SPIGOT AND DELIVER TO PARK YARD. WATER SPIGOT, VALVE, AND WATER LINE ARE TO BE REPLACED UPON COMPLETION OF SITE RESTORATION.

EXISTING WATER VALVES -2 EACH -ARE TO BE PROTECTED. MARK LOCATION WITH 4X4 POST. VALVE BOXES ARE TO BE ADJUSTED TO FINAL GRADE UPON COMPLETION OF SITE RESTORATION.

EXISTING BITUMINOUS DRIVES AND PARKING AREAS SHALL BE PROTECTED.

LEGEND  
= EXISTING ELEVATION  
= WATER VALVE  
= FIRE HYDRANT

R.P. #	COORDS
7	N 3158.43 E -32.23
8	N 2918.85 E 338.53

FILE NO. 01355ASP  
PLOT DATE: 9-02-93  
UPDATED: BTG/C

DRN BY: C.J.F.	IDENTIFICATION NO. PROJECT - BAY CITY	ISSUED FOR: PRELIMINARY	DATE: 2-13-93
CDR BY: GDA	STATE ACCOUNT	CONSTRUCTION	9-08-93
APP'D BY:	607-75-2450-400	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

BAY CITY STATE PARK  
CONTAINMENT AREA SITE PLAN

SCALE: 1"=50'  
PROJ. NO.: 90135  
SHEET 5 OF 6

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