ATTACHMENT 1

GENERAL NOTES:

1. CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2006 EDITION EXCEPT AS MODIFIED ON THE PLANS OR IN SPECIAL PROVISIONS.
2. THESE IMPROVEMENTS CONSIST OF WORK CALLED FOR ON THESE PLANS ONLY.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS BEFORE STARTING WORK.
4. THE ENGINEER DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS ON ANY PLAN. ALL DIMENSIONS SHALL BE AS DESIGNATED ON THE PLANS.
5. THE CONTRACTOR SHALL PROTECT ALL PUBLIC AND PRIVATE PROPERTY DURING THE PERFORMANCE OF WORK DONE UNDER THE CONTRACT. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO AVOID ANY DAMAGE TO ANY STRUCTURES ADJACENT TO THE PROJECT BOUNDARIES. THE CONTRACTOR SHALL ALSO PROVIDE FOR THE PROTECTION OF PEDESTRIANS USING THE PARK.
6. EXISTING UTILITIES SHOWN ARE BASED ON AVAILABLE RECORDS OF PARENT UTILITY COMPANIES AND MAY NOT ACCURATELY REPRESENT THEIR ACTUAL LOCATIONS. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE ACTUAL LOCATIONS (VERTICAL AND HORIZONTAL) OF ALL UTILITIES IN THE FIELD OR COORDINATE SUCH INDEPENDENT VERIFICATION WITH THE PARENT UTILITY COMPANIES AND PROVIDE THE CITY WITH THE POTHOLE INFORMATION. THE CONTRACTOR SHALL PROTECT IN PLACE OR COORDINATE WITH THE PARENT COMPANY FOR THE RELOCATION OF CONFLICTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT 1-800-277-2600 TWO (2) DAYS PRIOR TO ANY EXCAVATION WORK.
7. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION FOR THIS PROJECT. THIS INCLUDES THE SAFETY OF ALL PERSONS AND PROPERTY AND THAT THE REQUIREMENTS SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY OF COSTA MESA AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FROM LIABILITY ARISING FROM THE NEGLIGENCE OF THE CITY OF COSTA MESA OR THE ENGINEER.
8. WATERING SHALL BE REQUIRED DURING GRADING OPERATIONS TO MINIMIZE DUST RESULTING FROM OPERATIONS (SEE SPECIAL PROVISIONS).
9. EROSION CONTROL DEVICES SHALL BE PROVIDED AND MAINTAINED DURING THE CONSTRUCTION PERIOD.
10. GRADING OPERATIONS SHALL BE MONITORED BY THE GEOTECHNICAL ENGINEER TO VERIFY SLOPE STABILITY, BOTH DURING AND AFTER CONSTRUCTION.
11. ALL DIRT, SAND, MUD OR DEBRIS DEPOSITED OR SPILLED UPON PUBLIC STREETS DURING ANY GRADING, HAULING, OR OTHER OPERATION SHALL BE IMMEDIATELY CLEANED UP BY THE CONTRACTOR OR HIS AGENTS TO THE SATISFACTION OF THE CITY ENGINEER. FAILURE TO DO SO WILL RESULT IN THE STOPPAGE OF ALL GRADING OPERATIONS UNTIL THE TIME THE STREETS ARE CLEANED.

CONSTRUCTION PHASING

THE PROJECT SHALL BE CONSTRUCTED IN THREE PHASES UNLESS OTHERWISE DIRECTED BY THE CITY ENGINEER.

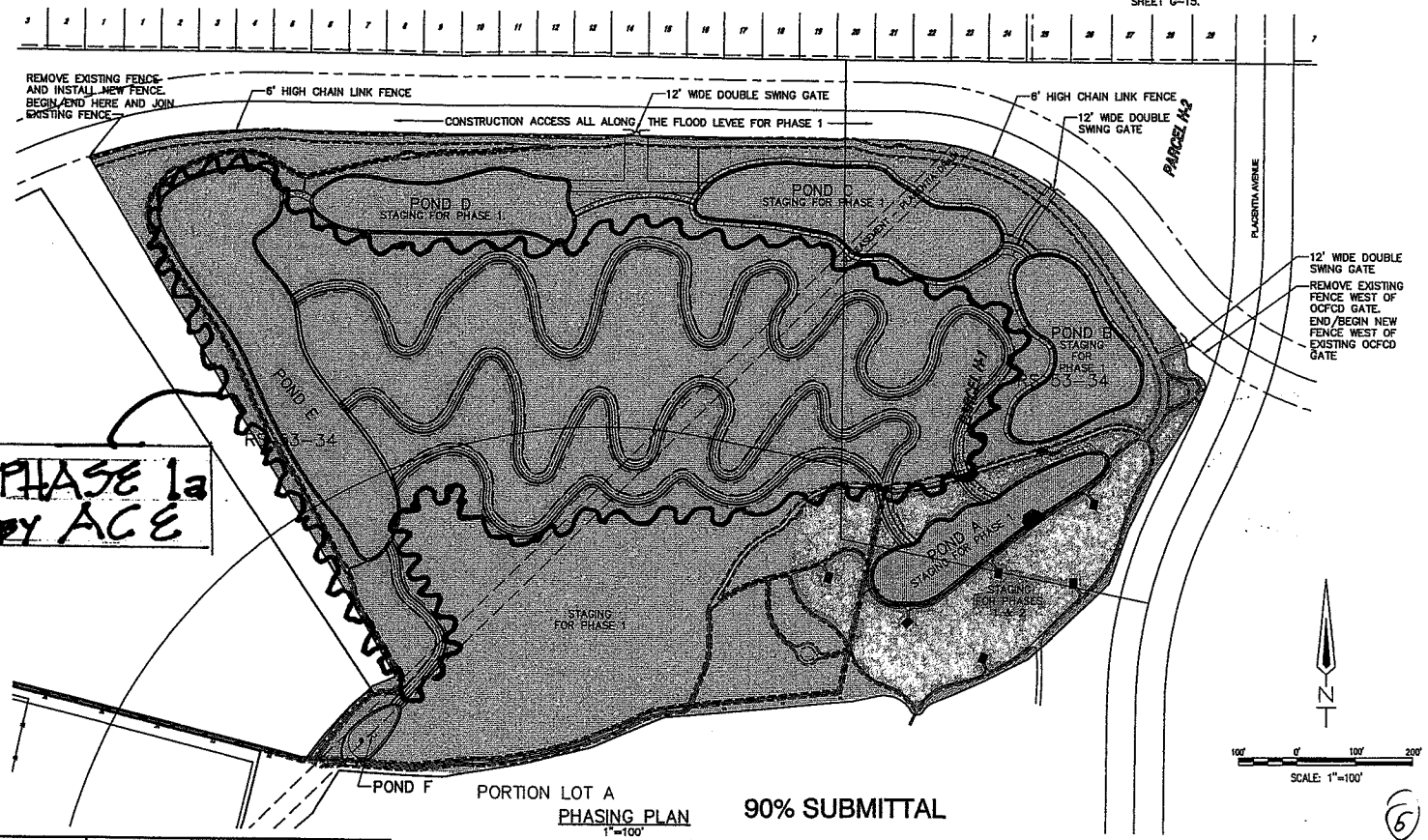
PHASE 1 – INSTALL APPROXIMATELY 18 ACRES OF RIPARIAN HABITAT (G, IP, AND L SHEETS), GRADING FOR CREEK AND POND E (G AND TW SHEETS), PERMANENT IRRIGATION (IP SHEETS), 6" HDPE RW PIPELINE FOR WATER SUPPLY TO RIPARIAN CREEKS. PORTIONS OF MAINTENANCE ACCESS TRAILS SHALL BE ROUGH GRADED IN PHASE 1. NORTH FENCE AND GATES INSTALLED. FINISHED MATERIALS AND TREATMENT SHALL BE CONSTRUCTED IN PHASE 3. MULTIPURPOSE TRAIL TO BE IN PHASE 1. CONSTRUCT PUMP STATION (PS SHEETS), 10" HDPE WATER SUPPLY LINE WITH OUTPUT AT POND A (W, PS AND G SHEETS).

PHASE 2 – CONSTRUCT REMAINING TREATMENT WETLAND PONDS (PONDS A, B, C, D) (G AND TW SHEETS).

PHASE 3 – PATHWAYS, PICNIC AREAS, HARDSCAPE, PARK LANDSCAPE AND IRRIGATION (G, L, IP SHEETS). INFILTRATION WELLS WILL BE INSTALLED IN THE LAST PHASE.

CONSTRUCTION NOTES

1. CONSTRUCT INFILTRATION WELL PER DETAILS, SHEET TW-3.
2. CONSTRUCT POND PER DETAILS, SHEETS TW-1, TW-2 & TW-4.
3. CONSTRUCT CHANNEL PER DETAIL A, SHEET G-15, FOR ROCK-LINED CHANNEL SECTION SEE DETAIL B, SHEET G-15.
4. CONSTRUCT 10" HDPE WATER SUPPLY LINE, DEPTH 36", BEDDING TYPE II.
5. 2' WIDE SHOULDER TO BE PROVIDED ALONG THE LENGTH OF EACH RIPARIAN STREAM. SEE DETAIL A, SHEET G-15.



LEGEND:

- PHASE 1
- PHASE 2
- PHASE 3

PHASING PLAN

1"=100'

90% SUBMITTAL

6

DIGALERT — DIAL TOLL FREE 1-800-227-2600 AT LEAST TWO DAYS BEFORE YOU DIG — UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

REV	DATE	DESCRIPTION	BY

REGISTERED PROFESSIONAL ENGINEER — RUSSELL H. BOURDET — No. C041810 — EXP. 3-31-08 — CIVIL — STATE OF CALIFORNIA

BENCH MARK DATA:

DSGN	DR	CHK
JAL	SS	CW

JOB NO. P:\5772\CADD\577200T02.dwg

REVIEW BY: CITY OF COSTA MESA

PROJECT ENGINEER — DATE

CITY ENGINEER — DATE

CITY OF COSTA MESA

FAIRVIEW PARK WETLANDS AND RIPARIAN HABITAT PROJECT

NOTES AND PHASING

DATE 7/20/07

SHEET – OF –

T-2