IMPROVEMENT PLANS
FOR
PROJECT NAME
CITY OF PLACENTIA

GENERAL NOTES:

1. WORK SHALL CONFORM TO THE CITY OF PLACENTIA STANDARD PLANS AND THE APWA STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (GREEN BOOK, CURRENT EDITION). THE STANDARD PLANS AND SPECIFICATIONS SHALL BE CONSIDERED A PART OF THE IMPROVEMENT PLANS AND
2. CONTRACTORS SHALL HAVE THEM ON THE JOB SITE AT THE TIME OF CONSTRUCTION. CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN APPROPRIATE PERMITS AND LICENSES FROM THE CITY OF PLACENTIA AND OTHER GOVERNING JURISDICTIONS PRIOR TO ANY CONSTRUCTION OR EXCAVATION IN EXISTING RIGHT-OF-WAYS OR EASEMENTS.
3. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER'S OFFICE AT LEAST ONE FULL WORKDAY PRIOR TO START OF ANY CONSTRUCTION.
4. PRIOR TO ANY EXCAVATION, THE DEVELOPER IS RESPONSIBLE FOR CONTACTING ALL UTILITY AND OIL COMPANIES IN ADDITION TO THE UNDERGROUND SERVICES ALERT (1-800-422-4133) AT LEAST 48 HOURS IN ADVANCE OF ANY WORK TO BE PERFORMED.
5. THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS, BUT NO GUARANTEE IS MADE THAT ALL SUBSTRUCTURES ARE SHOWN OR THAT THE LOCATIONS SHOWN ARE EXACT. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES INCLUDING THOSE NOT OF RECORD OR NOT SHOWN.
6. ALL UTILITIES SHALL BE INSTALLED PER PERMITS ISSUED FOR SUCH WORK. AS-BUILT PLANS SHALL BE SUBMITTED TO THE CITY ENGINEER'S OFFICE UPON COMPLETION OF WORK.
7. COMPACTION TESTS ARE REQUIRED ON ALL STREETS AND TRENCH CONSTRUCTION (SUBGRADE 90% AND SUB-BASE 95% RELATIVE COMPACTION).
8. UTILITY TRENCH BACKFILL COMPACTION SHALL BE VERIFIED PRIOR TO STREET PAVING.
9. STREET STRUCTURAL SECTIONS SHALL BE DETERMINED BY "R" VALUES PROVIDED BY THE SUB-DIVIDER'S SOILS ENGINEER AFTER ROUGH GRADING STRUCTURAL SECTIONS WILL BE COMPUTED BY THE CITY ENGINEER.
10. PRIME COAT SC-70 SHALL BE APPLIED APPROXIMATELY 12 HOURS PRIOR TO ASPHALT PAVING OPERATIONS.
11. SEAL COAT SS-1 SHALL BE APPLIED TO FINISH ASPHALT SURFACE. APPLICATIONS TO BE A RATE OF 0.10 GALLONS PER SQUARE YARD. SEAL COAT WILL BE APPLIED AT SUCH TIME AS DETERMINED BY THE CITY ENGINEER.
12. CONCRETE SHALL BE A MINIMUM 5-1/2 SACK MIX UNLESS OTHERWISE NOTED IN APPROVED PLANS OR SPECIFICATIONS.
13. ELEVATIONS SHALL BE BASED ON ORANGE COUNTY SURVEYOR'S BENCHMARKS.
14. MONUMENTS SHALL BE SET AND TIES SUBMITTED TO THE CITY ENGINEER'S OFFICE PRIOR TO ACCEPTANCE OF IMPROVEMENTS. TIES AND NOTES SHALL BE LINKED ON ORANGE COUNTY SURVEY PAPER.
15. TRAFFIC CONTROL AND SAFETY SHALL BE MAINTAINED PER "STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION, MANUAL OF WARNING SIGNS, LIGHTS, AND DEVICES FOR USE IN WORK ON HIGHWAYS." BARRICADES, WARNING SIGNS, TRAFFIC SIGNS, OR OTHER TRAFFIC CONTROL DEVICES WILL NOT BE REMOVED OR RELOCATED WITHOUT THE APPROVAL OF THE CITY ENGINEER OR HIS REPRESENTATIVE. THE CONTRACTOR WILL NOTIFY THE CITY INSPECTOR IN ADVANCE OF WHEN SUCH REMOVAL OR RELOCATION WILL TAKE PLACE. APPROPRIATE TEMPORARY, BARRICADES, SIGNS, ETC WILL BE INSTALLED TO THE SATISFACTION OF THE CITY ENGINEER.
16. ALL SURVEY MONUMENTS SHALL BE PROTECTED AND PERPETUATED IN PLACE. ANY DISTURBED OR COVERED MONUMENTS SHALL BE RESET BY THE REGISTERED LICENSED CIVIL ENGINEER AT THE DIRECTION OF THE CITY ENGINEER.

SCALE:

VICINITY MAP

CONSTRUCTION NOTES AND QUANTITIES:

SCALE:

INDEX MAP

SHEET INDEX:

SHT NO.	TITLE	SHT NAME
1	TITLE SHEET	TS-1
2		ST-1
3		ST-2

LEGEND:

- CONSTRUCT NEW ASPHALT PAVEMENT
- CONSTRUCT NEW PCC SIDEWALK
- GRIND AND OVERLAY
- CONSTRUCT PCC IMPROVEMENTS
- REMOVE EXISTING AC PAVEMENT

SYMBOLS:

UTILITY COMPANIES:

ABBREVIATIONS:

A.B.	-AGGREGATE BASE	L.S.	-LANDSCAPING
A.C.	-ASPHALT CONCRETE	L.P.	-LOW POINT
ARCH.	-ARCHITECTURAL	M.H.	-MANHOLE
B..R.	-BEGIN OF CURB RETURN	N.G.	-NATURAL GAS
B.W.	-BACK OF WALK	P.V.C.	-POLYVINYLCHLORIDE
B.O.P.	-BOTTOM OF PIPE	P.P.	-POWER POLE
B.O.W.	-BOTTOM OF WALL	P	-PROPERTY LINE
BLDG	-BUILDING	PKWY DRAIN	-PARKWAY DRAIN
C.L.F.	-CHAIN LINK FENCE	R/W	-RIGHT OF WAY
C.I.P.	-CAST IRON PIPE	R	-RATE OF GRADE
C.B.	-CATCH BASIN	R.D.	-ROOF DRAIN
C/L	-CENTERLINE	R.C.P.	-REINFORCED CONCRETE PIPE
C.F.	-CURB FACE	ST. LT.	-STREET LIGHT
CONC.	-CONCRETE	S =	-SLOPE
E.C.R.	-END OF CURB RETURN	S.D.	-STORM DRAIN
(0.00)	-EXISTING ELEVATION	S.F.	-SQUARE FEET
E.P.	-EDGE OF PAVEMENT	S.W.	-STEM WALL
EXIST.	-EXISTING	T.C.	-TOP OF CURB
F.H.	-FIRE HYDRANT	T.S.	-TOP OF CONCRETE SLAB
F.G.	-FINISH GRADE	T.O.P.	-TOP OF PIPE
F.S.	-FINISH SURFACE	T.F.	-TOP OF FOOTING
F.L.	-FLOW LINE	T.W.	-TOP OF WALL
G.B.	-GRADE BREAK	T.R.	-TOP OF RAIL
H.C.	-HANDICAP	T.G.	-TOP OF GRATE
H=	-HEIGHT OF RETAINING	TOP	-TOP OF SLOPE
H.P.	-HIGH POINT	TOE	-TOE OF SLOPE
INV.	-INVERT	T.B.	-TOP OF BERM

EMERGENCY NUMBERS:

811 Know what's below. Call before you dig.

Underground Service Alert of Southern California
TWO WORKING DAYS BEFORE YOU DIG
www.DigAlert.org

NOTICE TO CONTRACTOR

PURSUANT TO ASSEMBLY BILL 4216 NO EXCAVATION PERMIT IS VALID UNLESS THE CONTRACTOR CONTACTS AND OBTAINS A DIG ALERT TICKET NUMBER. CALL 811 AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING EXCAVATION.

APPROVAL:

CHRISTOPHER TANIO, R.C.E. 82756 Date
CITY ENGINEER

THESE PLANS ARE SIGNED BY THE CITY OF PLACENTIA FOR CONCEPT ADHERENCE TO CITY STANDARD AND REQUIREMENTS ONLY. THE CITY OF PLACENTIA IS NOT RESPONSIBLE FOR DESIGN, ASSUMPTIONS AND ACCURACY

REVISIONS

NUMBER	DATE	BY	DESCRIPTION	APP'D DATE

REFERENCES

BENCHMARK:

Prepared under the supervision of

R.C.E. No. Date

Drawn by:
Checked by:
Recommended by:

SEAL

IMPROVEMENT PLANS	DWG. NO.
Project Name Location PLAN SHEET	
CITY OF PLACENTIA	SHT__ OF__