

**GENERAL NOTES:**

1. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
2. ALL NEW IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS, THE 2006 CALIFORNIA MUTCD, THE LATEST EDITION OF CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS, AND THE MAY 2006 STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND PLANS.
3. PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE REGULATORY AGENCIES FOR A PRE-CONSTRUCTION CONFERENCE. CONTRACTOR SHALL ALSO NOTIFY THE BELOW LISTED PROJECT CONTACT (72) HOURS IN ADVANCE OF SAID MEETING:

REGULATORY AGENCY: CITY OF STOCKTON  
REDEVELOPMENT DEPARTMENT  
425 NORTH EL DORADO ST. THIRD FLOOR  
STOCKTON, CA 95202  
(209) 937-8539  
JERRY SCHARLIN

4. THE INTENT IS THAT THESE PLANS REQUIRE ALL LABOR AND MATERIALS (EXCEPT AS SPECIFIED IN THE SPECIFICATIONS) NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK TO BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES THAT MAY EXIST IN THE PLANS OR SPECIFICATIONS. IF THE PLANS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES AND SHALL CONTACT THE RESPECTIVE UTILITY COMPANIES PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND PRESERVATION OF ALL SUCH FACILITIES IN THE AREA OF CONSTRUCTION, AND SHALL NOTIFY UTILITY COMPANIES FORTY-EIGHT HOURS IN ADVANCE OF ANY CONSTRUCTION (UNDERGROUND SERVICE ALERT 1-800-227-2600). UTILITY COMPANY(S) SHALL BE RESPONSIBLE TO ADJUST TO NEW PAVEMENT OR CONCRETE GRADE ALL SURFACE FACILITIES, UNLESS OTHERWISE NOTED IN THESE PLANS.
6. THE CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT, AND SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS AND CONDITIONS OF ALL PERMITS AND APPROVALS APPLICABLE TO THIS PROJECT. THE CONTRACTOR SHALL ENSURE THAT THE NECESSARY RIGHTS-OF-WAY, EASEMENTS, AND/OR PERMITS ARE SECURED PRIOR TO CONSTRUCTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER REPRESENTATIVE.
8. CONTRACTOR IS TO VERIFY THAT THE CITY OF STOCKTON HAS REFERENCED EXISTING MONUMENTS AND/OR PROPERTY CORNERS PRIOR TO COMMENCEMENT OF WORK.
9. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZED AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND INSTRUMENTATION EQUIPMENT; PIPING AND CONDUITS; STRUCTURES AND OTHER FACILITIES. THE AS-BUILTS OF THE ELECTRICAL SYSTEM SHALL INCLUDE THE LAYOUT PLAN SHOWING LOCATION OF LIGHTS, CONDUITS, CONDUCTORS, POINTS OF CONNECTIONS TO SERVICES, PULLBOXES, AND WIRE SIZES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
10. PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER TWO SETS OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS REDLINED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE. ONE SET OF DRAWINGS WILL BE PROVIDED TO THE CITY OF STOCKTON, AND ONE SET TO CAL-BOATING.

**CONSTRUCTION NOTES:**

1. THE WATER SURFACE ELEVATION OF THE SAN JOAQUIN RIVER VARIES, AS ESTABLISHED BY NOAA/NOS TIDAL DATUMS AND CALIFORNIA DEPARTMENT OF WATER RESOURCES SACRAMENTO-SAN JOAQUIN DELTA ATLAS AS FOLLOWS:

NGVD29	TIDAL DATUM	NGVD88
8.10 EXTREME VALUE	7.7 EXTREME VALUE	10.8 EXTREME VALUE
7.2 HIGHEST OBS.	6.8 HIGHEST OBS.	9.5 HIGHEST OBS.
6.4 PROJECT "HIGH WATER"	6.0 PROJECT "HIGH WATER"	8.7 PROJECT "HIGH WATER"
4.41 MHHW	3.97 MHHW	7.11 MHHW
2.45 MTL	2.01 MTL	5.16 MTL
0.44 MLLW	0.00 MLLW	3.14 MLLW
0.0		
-0.44 LOWEST OBS.	-0.88 LOWEST OBS.	2.26 LOWEST OBS.

2. THE CONTRACTOR SHALL LAY OUT IMPROVEMENTS FROM THE DIMENSIONS SHOWN ON THE PLANS. ANY CLARIFICATION OR CONFLICTS, DISCREPANCIES OR AMBIGUITIES SHOULD BE DIRECTED TO THE OWNER'S REPRESENTATIVE PRIOR TO THE CONSTRUCTION OF THE IMPROVEMENTS.
3. DURING CONSTRUCTION THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF EXISTING FACILITIES. THE CONTRACTOR IS RESPONSIBLE TO REPAIR, TO THE SATISFACTION OF CITY OF STOCKTON, ANY FACILITIES DAMAGED DURING CONSTRUCTION AT NO COST TO THE OWNER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY SCHEDULING INSPECTION AND TESTING OF ALL FACILITIES CONSTRUCTED UNDER THIS CONTRACT. ALL TESTING SHALL CONFORM TO THE REGULATORY AGENCY'S STANDARD SPECIFICATIONS. ALL TESTING AND INSPECTION SHALL BE PAID FOR BY THE OWNER; ALL RETESTING AND/OR REINSPECTION SHALL BE PAID FOR BY THE CONTRACTOR.
5. COORDINATES SHOWN ON THE DRAWINGS ARE PROVIDED TO ASSIST IN THE LAYOUT OF THE DIMENSIONS SHOWN. VERIFY ALL DIMENSIONS RESULTING FROM COORDINATE LAYOUT AND REPORT ANY DISCREPANCIES FOR RESOLUTION PRIOR TO CONTINUING WITH THE WORK.

**VERTICAL DATUM:**

1. PROJECT ELEVATION BASED ON NGVD29.
2. BENCHMARK: CITY OF STOCKTON CONTROL POINT NO. 237, ELEVATION 8.33 FEET NGVD29 (11.03 FEET NAVD88). "A BRASS DISK MARKING COS MONUMENT STAMPED 7S-1 IN A MONUMENT BOX AT THE INTERSECTION OF OAK STREET AND LINCOLN STREET \*RESET JULY 1993". COORDINATES: 37° 57' 26.53056" N, 121° 17' 57.23501" W.
3. BATHYMETRY DATA AND VERTICAL DATUM INFORMATION BASED ON SURVEY PROVIDED BY KJELSDSEN, SINNOCK & NEUDECK, INC., 711 N. PERSHING AVENUE, STOCKTON, CA 95203, COMPLETED 2005 FOR STOCKTON WATER QUALITY IMPROVEMENT PROJECT.

**HORIZONTAL DATUM:**

1. PROJECT COORDINATES ARE BASED ON THE CALIFORNIA STATE PLANE COORDINATE SYSTEM NAD 1983 (NAD83), ZONE II.
2. PROJECT LAYOUT BASED ON SURVEY PROVIDED BY KJELSDSEN, SINNOCK & NEUDECK, INC., 711 N. PERSHING AVENUE, STOCKTON, CA 95203, COMPLETED 2005 FOR STOCKTON WATER QUALITY IMPROVEMENT PROJECT.

**STRUCTURAL NOTES:**

1. DESIGN BASIS

2007 CALIFORNIA BUILDING CODE  
FLOAT LIVE LOAD = 25 PSF  
GANGWAY SUPPORT PLATFORM LIVE LOAD = 100 PSF  
ROOF LIVE LOAD = 20 PSF (REDUCIBLE)

WIND - ASCE 7-05  
85 MPH WIND ZONE (CANOPY & PILES)  
OCCUPANCY CATEGORY II; I = 1.0  
EXPOSURE CATEGORY C

WIND - LOADS TO FLOATS FROM VESSELS  
DEPARTMENT OF BOATING AND WATERWAYS GUIDELINES  
15 PSF WIND LOAD

SEISMIC - ASCE 7-05  
SITE CLASS D  
SEISMIC CATEGORY D  
R = 3.5 (STEEL ORDINARY MOMENT RESISTING FRAME)

2. FOUNDATIONS

FOUNDATIONS (PILES) SHALL CONFORM TO THE RECOMMENDATIONS DESCRIBED IN THE SOILS REPORT "GEOTECHNICAL SERVICES REPORT, STOCKTON MARINA AND JOAN DARRAH PROMENADE", KLEINFELDER, 2008.

3. STEEL

PIPE PILES - API 5L GRADE X52  
HSS STRUCTURAL SHAPES - A500 GRADE B, Fy = 46 KSI  
ANGLES, MISCELLANEOUS SHAPES AND PLATE - ASTM A36

4. REINFORCING STEEL

REINFORCING STEEL SHALL CONFORM TO THE ACI 318 AND ACI 301, LATEST EDITION. STEEL REINFORCING MATERIALS SHALL BE AS FOLLOWS:

#6 AND LARGER - ASTM A706  
#5 AND SMALLER - ASTM A706 OR ASTM A615 GRADE 60

5. BOLTS

ASTM A307 HOT DIP GALVANIZED, UNLESS NOTED OTHERWISE

6. WELDING

WELDING SHALL CONFORM TO AWS D1.1, LATEST EDITION. WELD CONSUMABLES SHALL BE APPROPRIATE FOR THE MATERIALS BEING JOINED. WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED BY AWS TO PERFORM THE TYPE OF WELDS REQUIRED.

7. CAST-IN-PLACE CONCRETE

CAST-IN-PLACE CONCRETE SHALL HAVE 28 DAY COMPRESSIVE STRENGTH, F'c = 5,000 PSI

8. STEEL DECK

THE STEEL DECK SHALL CONFORM TO ASTM A446 GRADE A. DECKING SHALL BE CONTINUOUS OVER 3 SPANS WHERE STRUCTURAL LAYOUT PERMITS.

WELDING OF DECKING SHALL BE PERFORMED BY CERTIFIED LIGHT GAGE WELDERS IN ACCORDANCE WITH AWS D1.3, "SPECIFICATIONS FOR WELDING SHEET STEEL IN STRUCTURES", LATEST EDITION.

9. STANDING SEAM METAL ROOF DECK

THE STANDING SEAM METAL ROOF DECK SHALL CONFIRM TO ASTM A792, GRADE 50A

10. SPECIAL INSPECTION

THE FOLLOWING WORK REQUIRES TESTS AND / OR SPECIAL INSPECTION. INSPECTIONS SHALL BE DONE IN ACCORDANCE WITH CBC SECTION 1704.1 BY A CERTIFIED SPECIAL INSPECTOR RETAINED BY THE OWNER.

PILE DRIVING  
WELDING  
REINFORCING STEEL & ANCHOR BOLTS  
CONCRETE

P:\6576 STOCKTON MARINA DOWNTOWN\CADD\657600\_GN02.DWG 7/25/2008 9:31 AM

	Submittal
	% Date
	100 7-28-08
	90 6-16-08
	60 5-12-08

**MOFFATT & NICHOL**  
2001 N. MAIN STREET, SUITE 360  
WALNUT CREEK, CALIFORNIA, 94596  
925-944-5411

REGISTERED PROFESSIONAL ENGINEER  
RICHARD BARUCH DORNER  
C23812  
EXP. 12-31-09  
CIVIL  
STATE OF CALIFORNIA

**POWER**  
ENGINEERING CONTRACTORS  
MARINE • CIVIL  
1501 Viking Street, Suite 200, Alameda, California 94501 510-337-3800

DATE: JULY 2008  
Original Drawing Scale: 0 1/2" = 1"

Revisions					
No.	Description	Date	By	Appr. By	

**STOCKTON MARINA**

**GENERAL NOTES**

**G2**

REDEVELOPMENT DEPARTMENT  
CITY OF STOCKTON, CALIFORNIA

SCALE: NONE	APPROVED BY: _____	DATE: _____	SHEET NO. W2
DESIGNED BY: RD			OF 62 SHTS
DRAWN BY: TAE			PROJECT NO. 08-007
CHECKED BY: WL			
RECORD DWG:			

REDEVELOPMENT MANAGER  
STOCKTON, CALIF.