GENERAL NOTES

1. ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS ADOPTED NOVEMBER 25, 2003, AND ALL AMENDMENTS THERETO TO DATE, CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (CALTRANS) LATEST EDITION, WHERE APPLICABLE. WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE CITY'S STANDARD SPECIFICATIONS AND PLANS, THE CITY OF STOCKTON STANDARD SPECIFICATIONS AND PLANS SHALL PREVAIL. ALL WORK SHALL BE UNDER THE INSPECTION OF THE CITY OF STOCKTON.
2. PRIOR TO THE SCHEDULING OF A PRE-CONSTRUCTION MEETING OR THE ISSUANCE OF AN ENCROACHMENT PERMIT THE DEVELOPER OR CONTRACTOR SHALL OBTAIN A GRADING PERMIT FROM THE CITY OF STOCKTON'S COMMUNITY DEVELOPMENT DEPARTMENT, BUILDING DIVISION.
3. THE CONTRACTOR SHALL CONTACT JASON ENDER AT (209) 937-8381 OF THE CITY OF STOCKTON FOR A PRE-CONSTRUCTION CONFERENCE A MINIMUM OF SEVENTY TWO (72) HOURS PRIOR TO THE COMMENCEMENT OF WORK.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTIONS 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.
5. THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT WHERE APPLICABLE FOR ANY WORK DONE WITHIN RIGHTS-OF-WAY OR EASEMENTS FROM CITY OF STOCKTON [AND SAN JOAQUIN COUNTY]. CONTRACTOR SHALL NOTIFY CITY, 24 HOURS IN ADVANCE OF COMMENCING THE WORK OR AS REQUIRED BY SAID PERMITS.
6. ALL STATIONS REFER TO DISTANCES ALONG STREET CENTERLINE, UNLESS OTHERWISE NOTED. ALL STATIONS OFF CENTERLINE ARE PERPENDICULAR TO OR RADIALLY OPPOSITE CENTERLINE STATIONS.
7. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
8. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL AND/OR DETOUR PLAN FOR APPROVAL BY THE CITY OF STOCKTON [AND SAN JOAQUIN COUNTY] TRAFFIC ENGINEER PRIOR TO THE START OF CONSTRUCTION.
9. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER AND THE CITY ENGINEER.
10. DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE CITY OF STOCKTON. CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CALIFORNIA WATER SERVICE COMPANY FOR USE OF WATER FROM THE FIRE HYDRANTS FOR CONSTRUCTION PURPOSES. THE PERMIT SHALL BE APPROVED BY THE CITY OF STOCKTON FIRE DEPARTMENT.
11. WHENEVER EXISTING FACILITIES ARE REMOVED, DAMAGED, BROKEN, OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS OR SPECIFICATIONS, SAID FACILITIES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE, AFTER PROPER BACKFILLING AND/OR CONSTRUCTION, WITH MATERIALS EQUAL TO OR BETTER THAN THE MATERIALS USED IN THE ORIGINAL EXISTING FACILITIES. THE FINISHED PRODUCT SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER, THE ENGINEER, AND THE RESPECTIVE REGULATORY AGENCY.
12. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE 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 STREET LIGHT 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.

    PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET 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.
13. THIS IMPROVEMENT PROJECT WILL NOT BE SUBMITTED TO THE CITY FOR ACCEPTANCE OF IMPROVEMENTS UNTIL ALL STREET LIGHTS ARE INSTALLED AND ENERGIZED. COMPLETE AS-BUILT PLANS ARE ALSO REQUIRED PRIOR TO INSPECTION.

GENERAL NOTES (CONT.)

14. BENCHMARKS:

    BENCH MARK: NO. 164

    ELEVATION: 16.28

    CONVERSION FACTOR: 2.51FT

    DATUM: CITY OF STOCKTON, CALIFORNIA

    DESCRIPTION: BRASS DISK MARKING COS MONUMENT STAMPED "5S-1" IN MONUMENT WELL AT THE INTERSECTION OF THE APPROXIMATE CENTERLINES OF OAK AND UNION STREETS.

    ELEVATIONS SHOWN ON PLANS ARE BASED ON BM ELEVATION: 13.77. ADD 2.51FT TO ELEVATIONS SHOWN ON PLANS TO OBTAIN CORRECTED ELEVATIONS.

    ELEVATIONS ARE BASED ON NGVD 29.
15. PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) 48 HOURS IN ADVANCE OF PERFORMING EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800)227-2600.
16. THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FOR ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5' OR MORE. EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATIONS PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, SECTION 6705 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
17. ACTUAL CONNECTIONS TO EXISTING WATER LINES WILL NOT BE PERMITTED PRIOR TO THE COMPLETION OF STERILIZATION AND TESTING OF NEW WATER MAINS. ALL WATER VALVES TO BE OPERATED UNDER THE DIRECTION OF THE WATER DIVISION OF THE REGULATORY AGENCY PERSONNEL ONLY.
18. THE UNDERGROUND CONTRACTOR SHALL PROVIDE SUFFICIENT RECORDS AND SHALL LEAVE ADEQUATE MARKS IN THE FIELD FOR THE CURB, GUTTER AND SIDEWALK CONTRACTOR TO ACCURATELY STAMP THE "S" AND "W" MARKINGS FOR SANITARY AND WATER SERVICES. PRIOR TO THE PLACING OF ANY SIDEWALK OR CURB SECTION, THE CURB, GUTTER AND SIDEWALK CONTRACTOR SHALL FURNISH DATA TO THE CITY OF STOCKTON FIELD INSPECTOR SHOWING HE HAD ADEQUATE INFORMATION TO ACCURATELY FIELD LOCATE AND MARK THE "S" AND "W" MARKINGS TO BE STAMPED IN HIS WORK. SANITARY SEWER SERVICES IN NEW IMPROVEMENTS SHALL BE MARKED BY THE CURB, GUTTER AND SIDEWALK CONTRACTOR WITH AN "S" STAMPED ON THE BACK OF THE SIDEWALK OR ON THE TOP OF THE CURB. WATER SERVICES IN IMPROVEMENTS SHALL BE MARKED BY THE CURB, GUTTER AND SIDEWALK CONTRACTOR WITH A "W" STAMPED ON THE BACK OF THE SIDEWALK OR ON THE TOP OF CURB. PRIOR TO FINAL TROWELING OF THE CONCRETE, THE CITY OF STOCKTON FIELD INSPECTOR SHALL DETERMINE THAT THE "S" AND "W" MARKINGS HAVE BEEN STAMPED ON THE BACK OF SIDEWALK OR ON THE TOP OF CURB.
19. THE PROPERTY OWNERS, DEVELOPERS, AND/OR SUCCESSORS IN INTEREST SHALL COMPLY WITH THE PROVISIONS OF THE CALIFORNIA GENERAL CONSTRUCTION ACTIVITY STORM WATER PERMIT AND STATE WATER RESOURCES CONTROL BOARD ORDER NUMBER 2009-0009-DWQ. COMPLIANCE IS MANDATORY PER THE CITY OF STOCKTON'S GRADING AND EROSION CONTROL ORDINANCE CHAPTER 15, SECTIONS 15.48.010 THROUGH 15.48.140 OF THE STOCKTON MUNICIPAL CODE.

NPDES NOTES

IN ORDER TO COMPLY WITH STATE WATER RESOURCES CONTROL BOARD ORDER NUMBER 2009-0009-DWQ, (NPDES NO CAS000002) THE STORM WATER DIVISION REQUIRES THAT ALL NEW CATCH BASINS INSTALLED COMPLY WITH COS STORM WATER STANDARD DESIGN CRITERIA PAGES 4-3 AND 4-4.

IN ORDER TO COMPLY WITH THE LATEST STORM WATER QUALITY STANDARDS, ALL WORK DONE WITHIN THE PROJECT SHALL FOLLOW THE LATEST STORM WATER QUALITY DESIGN CRITERIA PLAN APPROVED AND ADOPTED BY THE CITY COUNCIL ON NOVEMBER 25, 2003.

IN ACCORDANCE WITH THE REQUIREMENTS OF THE RECENTLY ADOPTED STORM WATER NPDES PERMIT, MUD IS REVISING ITS PROCEDURE FOR REVIEW OF STORM WATER POLLUTION PREVENTION PLANS (SWPPPs). IN LIEU OF SUBMITTING A SWPPP FOR REVIEW, THE FOLLOWING MUST BE SUBMITTED PRIOR TO OR DURING THE PRECONSTRUCTION MEETING:

1. TRANSMITTAL MEMO THAT INCLUDES:

    - THE NAME AND PHONE NUMBER OF THE PERSON RESPONSIBLE FOR SWPPP IMPLEMENTATION, AND
    - IF APPLICABLE, A LISTING OF THE POST-CONSTRUCTION BEST MANAGEMENT PRACTICES THAT WILL BE INSTALLED TO SATISFY THE REQUIREMENTS OF ORDINANCE 10-97.

2. COPY OF A SIGNED NOTICE OF INTENT FORM OR A WASTE DISCHARGE IDENTIFICATION NUMBER.

THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE STORM DRAIN SYSTEM IS PROHIBITED. THE DISCHARGE OF CHLORINATED AND DE-CHLORINATED WATER INTO THE SANITARY SEWER SYSTEM REQUIRES PRIOR APPROVAL FROM MUD. CONTACT RICHARD STIFFLER AT (209) 937-8740.

SAW CUTTING

LOCATION OF SAW CUTTING AS REPRESENTED ON THESE PLANS SHALL BE DETERMINED IN THE FIELD WITH THE CITY INSPECTOR. IF THE EXISTING SECTION REQUIRES GRINDING OR OVERLAYING OF AC, IT SHALL BE DETERMINED IN THE FIELD WITH THE CITY INSPECTOR.

STREET SECTIONS

STREET SECTIONS ARE DESIGNED USING R-VALUES OF 8 AND 15 PURSUANT TO THE SOILS REPORT BY CONDOR EARTH TECHNOLOGIES, INC. DATED MARCH 15, 2012. SUPPLEMENT GEOTECHNICAL TESTING SHALL BE REQUIRED AFTER INSTALLATION OF UNDERGROUND UTILITIES AND STREET ROUGH GRADING HAS BEEN COMPLETED TO VERIFY THE DESIGN R-VALUE.

BLUE REFLECTOR AND FIRE HYDRANT NOTE

CONTRACTOR SHALL INSTALL A BLUE REFLECTOR 6-INCHES FROM CENTERLINE ON FIRE HYDRANT SIDE AT ALL FIRE HYDRANT LOCATIONS PER MUTCD, CALIFORNIA SUPPLEMENT, SECTION 3B.11 AND FIGURE 3B-102. CONTRACTOR SHALL PAINT FIRE HYDRANTS WITH ENAMEL SAFETY YELLOW PAINT. FIRE HYDRANT STEM BREAKAWAY MUST COINCIDE WITH BREAKAWAY SPOOL.

ANY FIRE HYDRANTS TO BE REMOVED NEEDS TO BE RETURNED TO THE FIRE DEPARTMENT. CONTACT BILL CATLETT AT (209) 937-7420.

STRIPING AND SIGNAGE NOTES

1. ALL PAVEMENT MARKINGS, STRIPING AND CROSSWALKS SHALL BE THERMOPLASTIC. CROSSWALKS SHALL BE 12" WHITE THERMOPLASTIC STRIPE (NON-SKID). LIMIT LINES SHALL BE 24" WHITE THERMOPLASTIC STRIPE.
2. SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN STRICT CONFORMANCE WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA-MUTCD) 2012 EDITION AND CALTRANS STANDARD SPECIFICATIONS (LATEST EDITION) SECTION 84. THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL CONFORM TO THE STATE SPECIFICATIONS SECTION 84-2 UNLESS OTHERWISE NOTED.
3. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE REMOVED PER CALTRANS STANDARDS SPECIFICATIONS SECTION 15-2.02B AND 15-2.02C.
4. THE CONTRACTOR SHALL NOTIFY THE CITY TRAFFIC ENGINEERING DIVISION A MINIMUM OF 48 HOURS IN ADVANCE OF THE LAYOUT AND CAT-TRACKING OF THE PROPOSED IMPROVEMENTS. CAT-TRACKING TO BE APPROVED BY TRAFFIC ENGINEERING PRIOR TO FINAL ACCEPTANCE OF PAINT AND MARKINGS.
5. THE CONTRACTOR SHALL ENSURE THAT THE APPROPRIATE STRIPING AND PAVEMENT MARKINGS ARE IN PLACE AT ALL TIMES. TEMPORARY STRIPING AND/OR PAVEMENT MARKINGS SHALL BE INSTALLED TO REPLACE ANY EXISTING STRIPING OR MARKINGS WHICH HAVE BEEN REMOVED. ANY CONFLICTING STRIPING SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR PRIOR TO REOPENING THE STREET TO TRAFFIC.
6. THE CONTRACTOR SHALL CONTACT THE CITY OF STOCKTON PUBLIC WORKS OPERATION AND MAINTENANCE DIVISION FOR THE EXACT LOCATION OF SIGNS (COORDINATE WITH CITY INSPECTOR).
7. THE CONTRACTOR SHALL REMOVE OR RELOCATE ANY EXISTING SIGNS IN CONFLICT WITH THESE PLANS AS DIRECTED BY THE CITY ENGINEER. EXISTING STRIPING AND MARKINGS IN CONFLICT WITH THESE PLANS SHALL BE REMOVED BY THE CONTRACTOR. PAVEMENT SHALL BE REPAIRED IF DAMAGED IN CONJUNCTION WITH REMOVAL OF MARKERS.
8. R30E "NO PARKING" SIGNS ARE TO BE INSTALLED AT A 45 DEGREE ANGLE FACING DIRECTION OF TRAFFIC FLOW. SIGNS SHALL BE INSTALLED ON ALL STREET LIGHT POLES AS SHOWN ON PLANS. SIGN SIZE SHALL BE 18"X24".
9. ALL DIMENSIONS SHOWN ARE FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
10. ALL TRAFFIC SIGNS SHALL BE INSTALLED WITH UNISTRUT POST (REFER TO C.O.S STANDARD DRAWINGS NUMBERS 36 AND 36A) OR MOUNTED ON STREET LIGHT POLE.

PS-12-02647

CALL BEFORE YOU DIG 800-227-2600

REGISTERED PROFESSIONAL ENGINEER
M. R. Satish
No. C48546
Exp. 6/30/14
CIVIL
STATE OF CALIFORNIA

Revision No.	Description	Date	By	Aprvd. By

SAN JOAQUIN REGIONAL RAIL COMMISSION
949 East Channel Street
Stockton, CA 95202

STV Incorporated
Architects/Engineers/Planners/Construction Managers
9130 Anaheim Place, Suite 210
Rancho Cucamonga, California 91730-8540
Phone:(909) 484-0660 Fax:(909) 484-1360

ALTAMONT COMMUTER EXPRESS (ACE) SERVICE
SJRRC MATERIAL STORAGE AND MAINTENANCE FACILITY
Stockton, California 95204

GENERAL NOTES

DEPARTMENT OF PUBLIC WORKS
CITY OF STOCKTON, CALIFORNIA

SCALE:	NTS	APPROVED BY: DATE: 9/20/12	DRAWING NO. C-1
DESIGNED BY:	DB		SHEET 2 OF 35
DRAWN BY:	DB		PROJECT NO.
CHECKED BY:	MS	CITY ENGINEER	---
RECORD DWG.:		STOCKTON, CALIFORNIA	

5175.1C

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