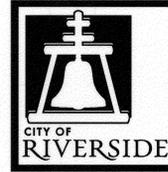


LOCATION MAP
NTS

RIVERSIDE



CALIFORNIA

PUBLIC WORKS DEPARTMENT COUNTRY CLUB DRIVE AND VIA SOTELO STORM DRAIN IMPROVEMENTS

GENERAL CONSTRUCTION NOTES:

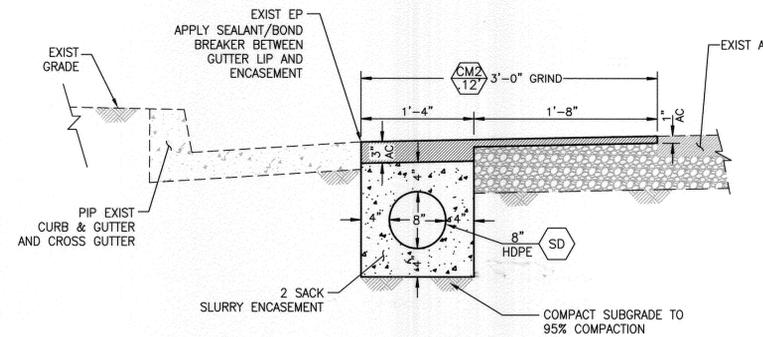
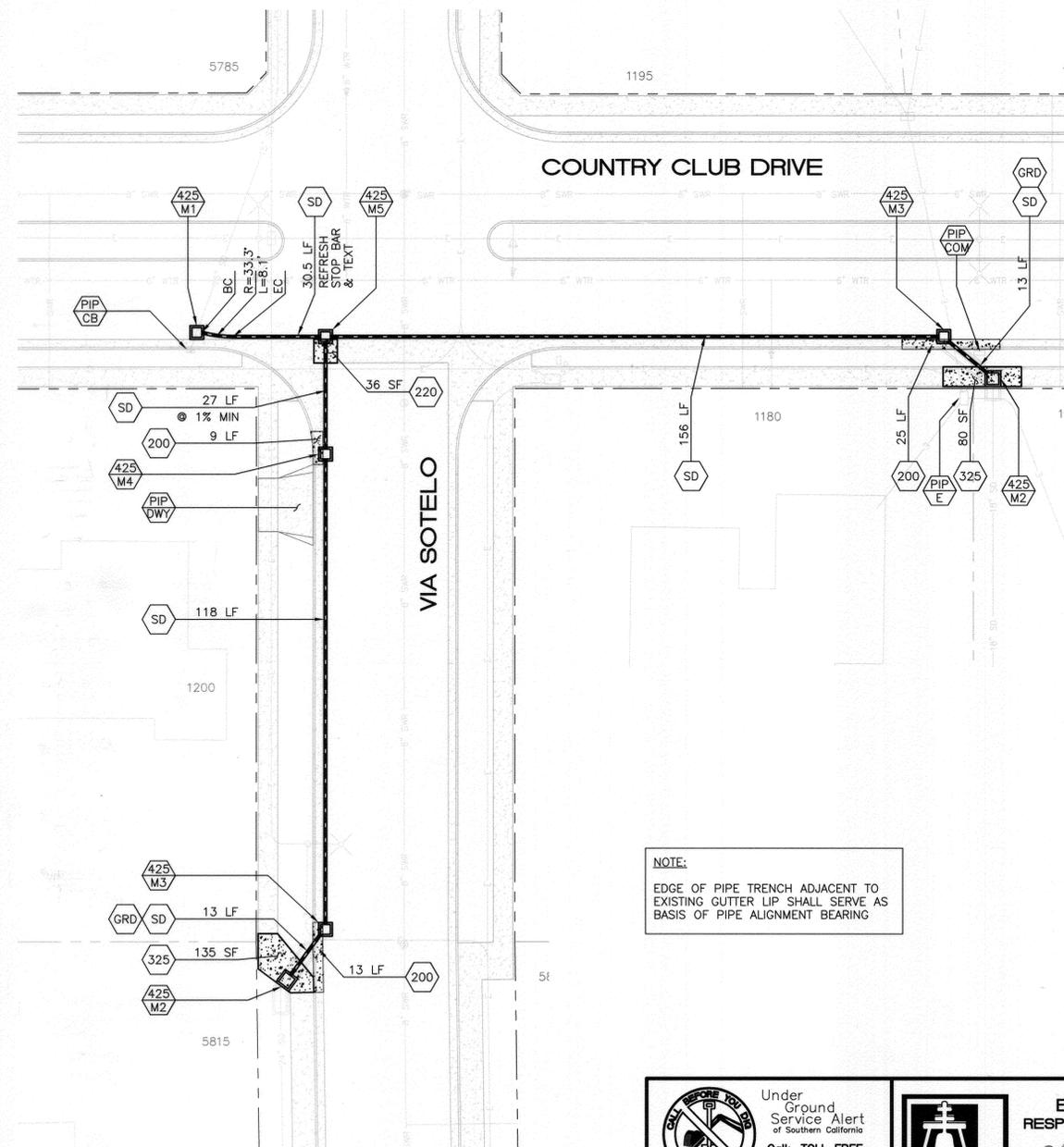
1. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TRAFFIC AS INDICATED IN THE ASSOCIATED PROJECT SPECIAL PROVISIONS.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2012 EDITION.
3. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR SHALL TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
4. CONTRACTOR SHALL LOCATE AND DETERMINE EXISTING UTILITIES IN CONFLICT WITH PROPOSED STORM DRAIN IMPROVEMENTS. CONTRACTOR SHALL PROVIDE ENGINEER THE DEPTH RESULT PRIOR TO CONSTRUCTING ANY NEW IMPROVEMENTS. CONFLICTING UTILITIES SHOWN WITHIN CONSTRUCTION AREA WILL BE RELOCATED PRIOR TO CONSTRUCTION.
5. EXISTING IRRIGATION SHALL BE PROTECTED OR MODIFIED, INCLUDING FURNISHING NEW MATERIALS AND SOD, AS NECESSARY TO CONSTRUCT NEW CONCRETE IMPROVEMENTS.

SPECIFIC NOTES: (FOR SD LINE TYPICAL SECTION)

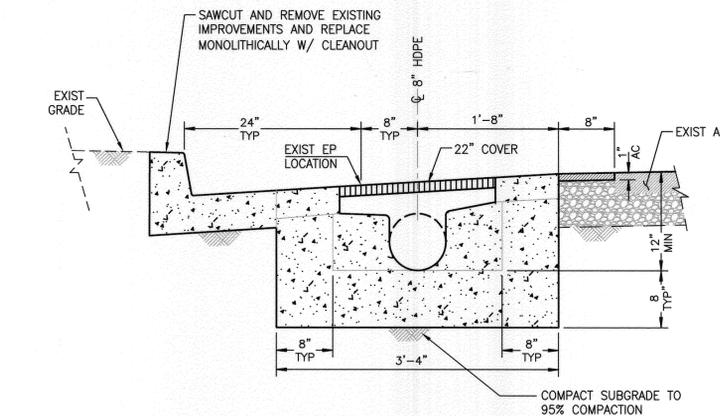
1. IF POSSIBLE, MAINTAIN A MINIMUM OF 1.00% SLOPE.
2. CONNECTION SHALL BE CONSTRUCTED PER APWA STD DRAWING 308-1 IF THE PIPES INLET OR OUTLET THROUGH THE CORNER OF THE CLEANOUT OR THE ANGLE IS LESS THAN 70° OR GREATER THAN 110°.
3. ASSUMED NO FORMING INVOLVED. SLURRY SHALL BE POURED ADJACENT TO SAW CUT REMOVAL.
4. CONTRACTOR SHALL PROVIDE A 3" MINIMUM AC SECTION OVER THE PROPOSED PIPE ENCASEMENT AND CONSTRUCT IMPROVEMENTS AS NECESSARY TO PROVIDE A UNIFORM 0.12' AC OVERLAY CAP ACROSS THE ENTIRE 3' WIDE COLD MILL SECTION.

CONSTRUCTION NOTES:

- REMOVE AND REPLACE IN KIND EXISTING FACILITY. NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. ANY NOTE SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC TYPE, ACTION, OR MODIFICATION TO BE CONSTRUCTED. DIMENSIONS OF NEW FACILITY SHALL BE MODIFIED AS NECESSARY, EXCLUDING ADA REQUIREMENTS, TO MATCH EXISTING FACILITY REMOVAL.
- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN:
(DWY) = DRIVEWAY. (CB) = CATCH BASIN. (E) = ELECTRICAL EQUIPMENT.
(COM) = COMMUNICATION EQUIPMENT.
- CM2 VARIABLE AREA COLD MILL:
(XX) = DEPTH OF VARIABLE AREA COLD MILL AS INDICATED ON PLAN.
- 425 INSTALL CLEANOUT PER STD DRAWING NO. 425. THE WALLS, TOP, AND BOTTOM THICKNESS SHALL BE REVISED TO REFLECT THE REQUIREMENTS INDICATED ON CITY STD DRAWING NO. 431, INCLUDING REINFORCEMENT AND EXCLUDING SHAFT. CONSTRUCT WITH ALLEN BOLT LOCKING LIDS. REMOVE EXISTING CURB & GUTTER OR CROSS GUTTER AND REPLACE MONOLITHICALLY AND PER DETAIL W/ THE FOLLOWING MODIFICATIONS (---):
(M1) = PROTECT IN PLACE EXISTING CATCH BASIN AND GUTTER AND INSTALL CLEANOUT FLUSH WITH EXISTING EDGE OF GUTTER LIP. SAW CUT AND REMOVE EXISTING 15" RCP AS NECESSARY TO CONSTRUCT NEW CLEANOUT AND JOIN EXISTING PIPE INTO NEW BOX SIDES.
(M2) = SAW CUT EXISTING PARKWAY DRAIN AND MODIFY NEW CLEANOUT DIMENSIONS TO MATCH EXISTING OUTLET WIDTH. DOWEL INTO EXISTING OUTLET AND INSTALL #3 REBAR WITH EPOXY.
(M3) = LOCATE CLEANOUT TO BE APPROXIMATELY 45' FROM NEW CLEANOUT CONNECTING TO EXISTING OUTLET.
(M4) = MODIFY DEPTH OF STRUCTURE AS NECESSARY (4' MAX TO BOTTOM OF STRUCTURE) TO JOIN PIPE THROUGH VERTICAL CURVE. 1% MIN PIPE GRADE SHALL BE PROVIDED.
(M5) = SAWCUT EXISTING CROSS GUTTER AS NECESSARY AND CONSTRUCT NEW STRUCTURE MONOLITHICALLY WITH CROSS GUTTER. STRUCTURE SHOWN SHALL BE LOCATED TO INTERSECT BOTH PIPE ALIGNMENTS REGARDLESS OF PIPE DIMENSIONS SHOWN. 1% MIN PIPE GRADE SHALL BE PROVIDED.
- SD COMPLETE ALL REMOVALS, INSTALL SLURRY ENCASED 8" DIAMETER HDPE STORM DRAIN PIPE, AND REPLACE AC PER TYPICAL SECTION. ALL PIPE JOINS AND LENGTHS OF PIPE SHOWN ARE TO THE INSIDE WALL OF BOX SIDE OR CORNER. TRENCH & BEND PIPE TO FOLLOW EXISTING GRADES. LENGTHS OF PIPE SHALL BE ADJUSTED TO CONSTRUCT CLEAN OUT STRUCTURES AT LOCATIONS INDICATED.
- GRD GRADE, MODIFY/EXTEND EXISTING IRRIGATION AS NECESSARY AND SOD TO MATCH EXISTING LANDSCAPE.



SD LINE TYPICAL SECTION
NTS



CLEANOUT TYPICAL SECTION
NTS

EXISTING UNDERGROUND FACILITIES

- EX. WATER LINE
- EX. STORM DRAIN LINE
- EX. SEWER LINE
- EX. ELECTRIC LINE

EXISTING TOPOGRAPHY:

- SANITARY SEWER M.H.
- STORM DRAIN M.H.
- ELECTRIC M.H.
- GATE VALVE
- WATER METER
- FIRE HYDRANT

LEGEND:

- NEW PCC
- EX. PCC
- NEW SLURRY ENCASED HDPE PIPE

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Call: TOLL FREE 1-800-227-2600
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ENGINEER IN RESPONSIBLE CHARGE
Edward Lara
R.C.E. No. 63753 EXPIRES: 9-30-14
DATE: April 24, 2013

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: [Signature]
ENGINEERING MANAGER
CONSTRUCTION ADMIN.
TRAFFIC DIVISION

DATE: 4/23/13

STORM DRAIN IMPROVEMENTS
COUNTRY CLUB DRIVE AND VIA SOTELO STORM DRAIN IMPROVEMENTS
COUNTRY CLUB AND VIA SOTELO

DESIGN WORK ORDER NO.: 1323280
CONSTR. WORK ORDER NO.: 1320138
D-868
SHEET 1 OF 1
FILE NAME: D868-01.DWG

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