GENERAL NOTES

- 1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS OF THE COUNTY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE COUNTY'S PUBLIC WORKS DEPARTMENT.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE COUNTY.
- 3. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COUNTY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 4. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE
- 5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE COUNTY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 6. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON
- 7. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 8. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE COUNTY INSPECTORS.
- 9. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE #1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- 10. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- 11. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 6" ABOVE THE UPPER MANHOLE RIM ELEVATION OF THE SEWER LINE SEGMENT BEING CONNECTED TO, WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
- 12. A PLUG SHALL BE INSTALLED AND WILL REMAIN IN PLACE WHERE THE NEW SEWER CONNECTS WITH THE EXISTING SEWER UNTIL THE NEW SEWER IS ACCEPTED BY THE
- 13. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- 14. ALL MATERIALS USED AND INSTALLATION SHALL CONFORM TO RIVERSIDE COUNTY STANDARDS & SPECIFICATIONS ORDINANCE 461.
- 15. SEPARATION REQUIREMENTS BETWEEN WATER AND SEWER LINES SHALL CONFORM TO STATE HEALTH CODE STANDARDS.
- 16. SEWER LATERALS SHALL BE INSTALLED ACCORDING TO COUNTY STANDARDS NO. 600 & 601 OR THE SERVING AGENCY.

NOTICE TO CONTRACTOR

ACCORDING TO THE INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED FEBRUARY 18, 1999, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

ADELPHIA PACIFIC BELL RIVERSIDE HIGHLAND WATER COMPANY

THE GAS COMPANY SOUTHERN CALIFORNIA EDISON

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY -NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBERS AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONAY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

UNAUTHORIZED CHANGES & USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF

UNDERGROUND STRUCTURES

NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT

HE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE

OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND

REVISING THE PLANS FOR APPROVAL BY THE COUNTY.

FOR ASSURING THE ACCURACY AND ACCEPTIBILITY OF THE DESIGN

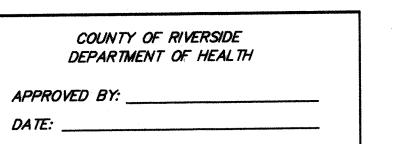
HEREON. IN THE EVENT OF DISCREPANCIES AFTER COUNTY APPROVAL

COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR GRADING

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORD EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED: NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

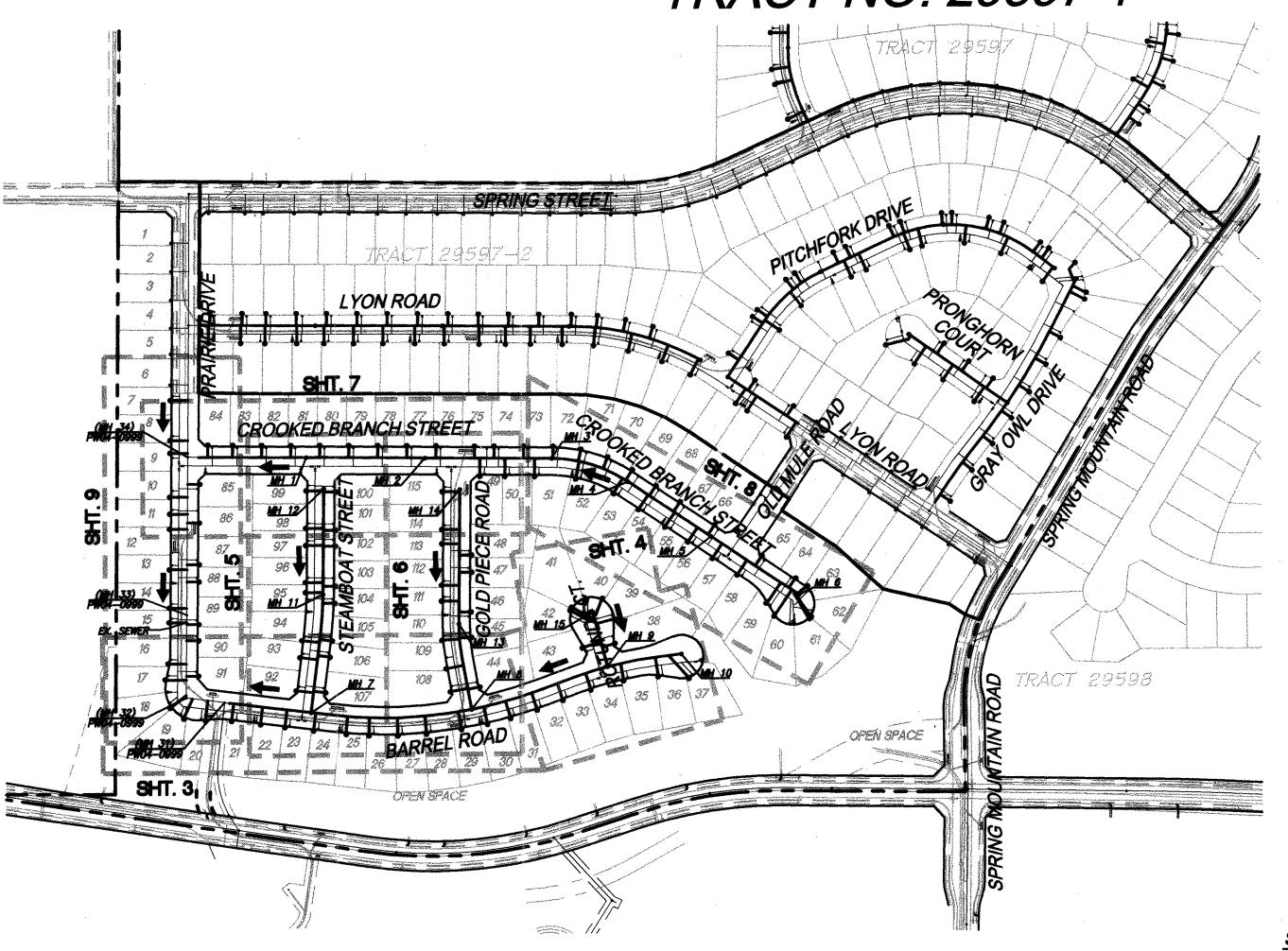


PERMIT HAS BEEN ISSUED.



IN THE UNINCORPORATED TERRITORY OF THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA

SEWER IMPROVEMENT PLANS TRACT NO. 29597-1

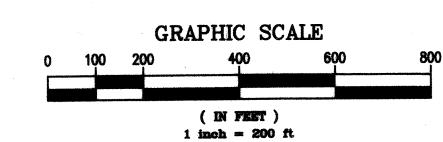


NOTE

CSA 152C SANITARY SERVICE IN THE HIGHGROVE COMMUNITY FOR SPRING MOUNTAIN RANCH PROJECT PROVIDED PER THE WASTEWATER TREATMENT AGREEMENT, OPERATION AND MAINTENANCE AGREEMENT AND PRETREATMENT PROGRAM AGREEMENT BETWEEN THE COUNTY OF RIVERSIDE AND THE CITY OF RIVERSIDE. REFERENCE AGENDA ITEM NO. 3.47 OF THE COUNTY OF RIVERSIDE ECONOMIC DEVELOPMENT AGENCY, DATED MAY 4, 2004.



INDEX MAP S C A L E: 1" = 200'



RIVERSIDE UNIFIED SCHOOL DISTRICT 951-788-7134

UTILITY CONTACTS

REVISIONS

SCHOOL DISTRICT

(909) 825-4128 WATER: RIVERSIDE HIGHLAND WATER COMPANY (951) 826-5341 SEWER: CITY OF RIVERSIDE SEE COUNTY CSA 152 (909) 307-6770 ELECTRIC: SOUTHERN CALIFORNIA EDISON COMPANY, BOB SIEGAL (909) 930-8580 TRANSMISSION, JEANETTE RIVERA (909) 335-7674 GAS: SOUTHERN CALIFORNIA GAS COMPANY, HECTOR MARTINEZ (714) 666-5454 TELEPHONE: PACIFIC BELL/SBC, LEE CORBY (909) 975-3402 CABLE TV: ADELPHIA COMMUNICATIONS, MIKE McMILLAN

DEPARTMENT OF WATER RESOURCES RIVERSIDE COUNTY TRANSPORTION AND LAND MANAGEMENT AGENCY RIVERSIDE COUNTY FIRE DEPARTMENT

ASSESSOR'S PARCEL NO.

COUNTY OF RIVERSIDE

TRANSPORTATION DEPARTMENT

APPROVED BY:

(661) 858-5500

(951) 955-6740

(951) 955-4777

SEAL-COUNTY

No. 33950 Z

Exp. 6/30/06 /

255-210-010-0, 255-180-014-2, 255-190-007-7, 255-180-016-4, 255-240-009-3, 255-240-010-3, 255-200-010-9, 255-210-012-2, 255-200-002-2, 257-100-011-5, 257-180-009-2, 257-120-003-0, 255-210-011-1	255-170-010-7, 255-210-011-1, 255-180-010-8, 255-220-007-9, 255-230-003-6, 255-200-012-1, 257-180-008-1, 255-230-011-3, 255-230-011-3, 255-200-003-3, 255-200-013-2, 255-210-010-0, 255-200-016-5,	255-190-004-2 255-190-005-3 255-180-012-0 255-240-008-2 255-230-009-3 255-200-007-3 255-230-001-4 255-200-014-3 255-210-011-3 255-210-011-3
	•	

WORK TO BE DONE

IMPROVEMENTS CONSIST OF THE FOLLOWING WORK TO BE DONE ACCORDING TO THESE PLANS, THE CURRENT RIVERSIDE COUNTY DEPARTMENT OF PUBLIC WORKS DESIGN STANDARDS AND THE CURRENT AMERICAN PUBLIC WORKS ASSOCIATION (APWA) "GREEN BOOK" STANDARDS AND SPECIFICATIONS.

CONSTRUCTION NOTES AND QUANTITY TABLE

ITEM	DESCRIPTION DESCRIPTION		UNIT
(1)	INSTALL 8" SDR 35 PVC SEWER MAIN. BEDDING PER CITY OF RIVERSIDE STD. DWG. NO. 452	3,491	LF
(2)	CONSTRUCT SANITARY SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500		EA
0	WICTALL 4" DUD (COD 75) COMED LATERAL W/ CLEANOUT DED CITY OF DIMEDIDE CTD DWG NO 5024 500	109	EA
(3)	3) INSTALL 4" PVC (SDR 35) SEWER LATERAL W/ CLEANOUT PER CITY OF RIVERSIDE STD. DWG. NO. 562A, 560		LF
(4)	REMOVE 8" PLUG	2	EA
(5)	BACKWATER VALVE	40	EA
(6)	SEWER MAIN CLEANOUT	0	EA
(7)	CAUTION! UTILITY CROSSING, SEE PROFILE FOR ELEVATIONS	14	EA

OWNER / PERMITTEE

CARLSBAD. CA 92008

2710 LOKER AVENUE WEST, SUITE 350

SMR VENTURES

(760) 918–6797

ROBERT J. TURI VICE PRESIDENT

ABBREVIATIONS

N.T.S. - NOT TO SCALE R/W - RIGHT OF WAY PROPERTY LINE STANDARD - SEWER SYSTEM - MANHOLE EXISTING BEGIN CURVE – END CURVE

- STORM DRAIN INVERT ELEVATION NGVD - NATIONAL GEODETIC VERTICAL DATUM - POLYVINYL CHLORIDE - STANDARD DIMENTION RATIO

LEGEND SEWER LATERAL WITH CLEANOUT FIRE HYDRANT EXISTING SS LINE EXISTING SS MANHOLE ----PROPOSED SS LINE -PROPOSED SS MANHOLE-TRACT BOUNDARY

SOURCE OF TOPOGRAPHY

TOPOGRAPHY SHOWN ON THESE PLANS WAS GENERATED BY PHOTOGRAMMETRIC METHODS FROM INFORMATION GATHERED IN DECEMBER OF 2003, BY INLAND AERIAL SURVEYS, INC. TOPOGRAPHY SHOWN HEREON CONFORMS TO NATIONAL MAP ACCURACY STANDARDS.

LEGAL DESCRIPTION

BEING A DIVISION OF PORTIONS OF SECTIONS 8, 9. AND 10. TOWNSHIP 2S, RANGE 4W, SAN BERNARDINO MERIDIAN.

DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT, THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONAL CODE, AND THAT THE DESIGN IS CONSISTENT WITH CURRENT STANDARDS. IN ASSUMING RESPONSIBLE CHARGE I ACCEPT FULL RESPONSIBILITY FOR THE ENTIRE DESIGN OF THIS PROJECT AS SHOWN ON THESE PLANS.

I UNDERSTAND THAT THE CHECK OF PROJECT DRAWINGS AND SPECIFICATIONS BY THE COUNTY OF RIVERSIDE, CITY OF RIVERSIDE, OR THEIR AGENTS IS CONFINED TO A REVIEW ONLY AND DOES NOT RELIEVE ME, AS ENGINEER OF WORK, OF MY RESPONSIBILITIES FOR THE PROJECT DESIGN.

BASIS OF BEARINGS

SCALE:

COORDINATE SYSTEM ZONE 6.

STANTEC CONSULTING INC. 277 RANCHEROS DRIVE, SUITE 300 SAN MARCOS. CA 92069 P: (760) 891-3200 F: (760) 891-3201

STANTEC CONSULTING INC.

277 RANCHEROS DRIVE

SAN MARCOS, CA 92069

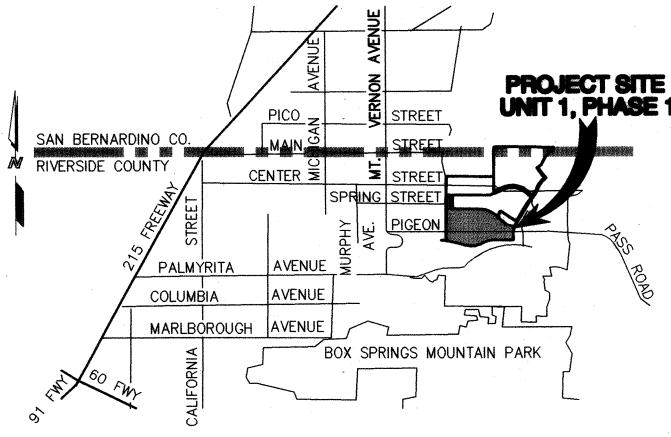
SUITE 300

Stantec 760.891.3200

EXP. 06-30-06

KENT J. STEPAN R.C.E. C 66133 EXPIRATION DATE: 06-30-06

1/2066



Thomas Guide (2004); page. 646, E-7

VICINITY MAP NOT TO SCALE

SECTION: 9, 10, 15, AND 16 TOWNSHIP: 2 SOUTH, RANGE: 4 WEST

SHEET INDEX

TITLE AND INDEX MAP SHEET ---- 1 CONSTRUCTION NOTES AND DETAILS ----2 BARREL ROAD ---- 3 - 4 ROTUNDA COURT-----4 STEAMBOAT STREET----5 GOLD PIECE ROAD-----6 CROOKED BRANCH STREET----7 - 8 PRAIRIE DRIVE----9

CITY OF RIVERSIDE CITY ENGINEER BENCHMARK DATUM - NAVD 88 PROJECT BENCHMARK CITY OF RIVERSIDE B.M. J8-D3 ELEVATION: 918.908 (NGVD29) PUBLISHED/921.398 ADJUSTED TO

EXP. 06-30-06

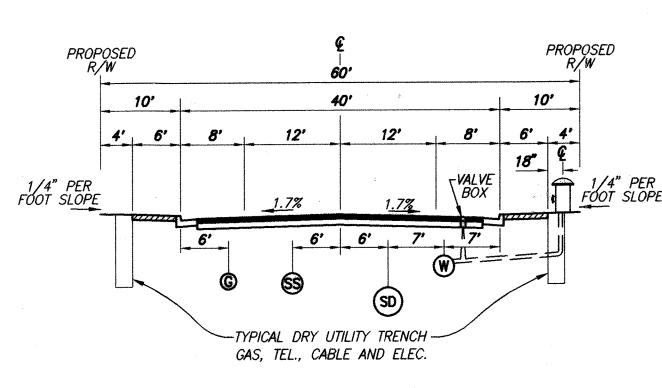
NAVD88 (ADD 2.49' PER NGS VERTCON PROGRAM=921.398 NAVD88) DESCRIPTION: LEAD & TACK IN TOP OF CURB 3.5' N/O BCR OF NW CURB RETURN AT PALMYRITA AVE. & IOWA AVE. BEARINGS SHOWN HEREON ARE GRID BEARINGS PER THE CALIFORNIA

WDID No. 833C327881 TRACT NO. 29597-1 IP NO. 050026 COUNTY OF RIVERSIDE SEWER IMPROVEMENT PLANS SPRING MOUNTAIN RANCH TITLE AND INDEX MAP SHEET

FILE NO.

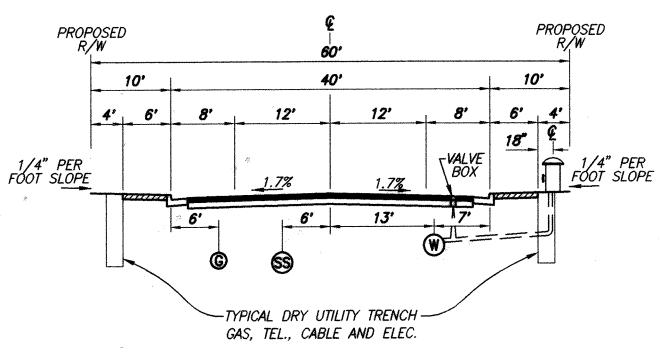
NDEXED 5-02-07 6-4

CITY OF RIVERSIDE DRAWING NO. S-1899 PW05-0223 SHEET NO.

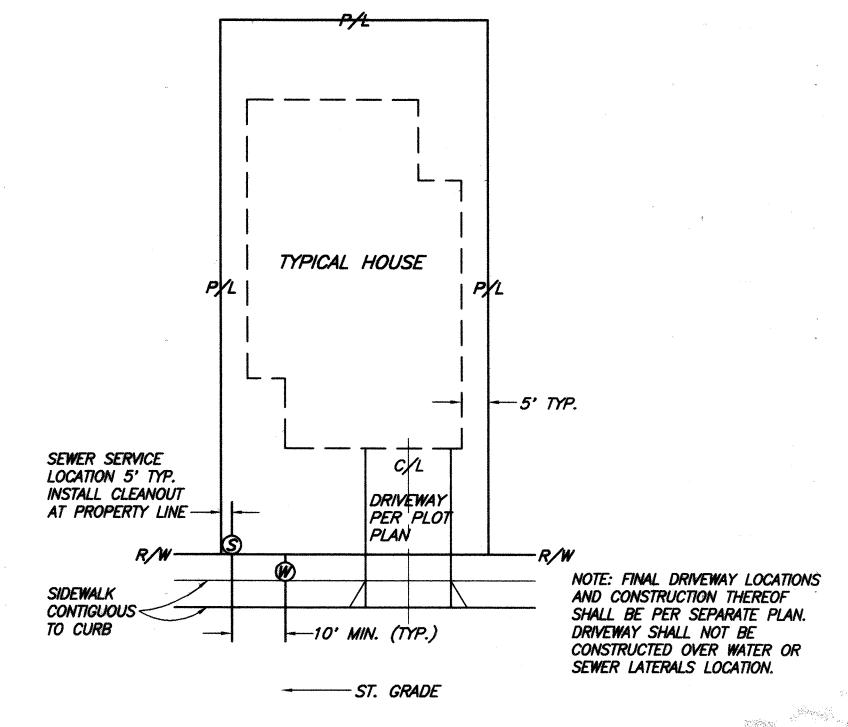


TYPICAL SECTION BARREL ROAD STA: 21+01.61 TO STA: 27+88.09 GOLD PIECE DRIVE STA: 9+97.47 TO STA: 15+80.67 PRAIRIE DRIVE STA: 17+29.69 TO STA: 21+01.61

REVISIONS



TYPICAL SECTION BARREL ROAD STA: 27+88.09 TO STA: 32+11.35 CROOKED BRANCH STREET STA: 9+87.00 TO STA: 24+59.01 OLD MULE ROAD STA: 9+87.00 TO STA: 13+00.00 PRAIRIE DRIVE STA: 14+30.77 TO 17+29.69
ROTUNDA COURT STA: 9+86.89 TO STA: 11+34.73 STEAMBOAT STREET STA: 9+87.00 TO STA: 15+52.14



TYPICAL LATERAL LOCATION DETAIL "C"

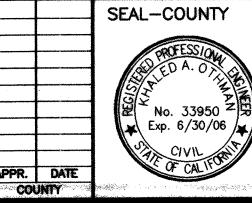
CITY OF RIVERSIDE RECOMMENDS APPROVAL

NOT TO SCALE NOTE: SEWER LATERAL SHALL BE INSTALLED BY SEPARATE PLAN



NOTE: WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR GRADING PERMIT HAS BEEN ISSUED.

THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTIBILITY OF THE DESIGN HEREON. IN THE EVENT OF DISCREPANCIES AFTER COUNTY APPROVAL OR DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE COUNTY.



COUNTY OF RIVERSIDE TRANSPORTATION DEPARTMENT

KHALED A. ÖTHMAN





CITY ENGINEER SCALE:
HOR: AS SHOWN VERT: AS SHOWN

CITY OF RIVERSIDE DRAWING NO. S-1899 10/27/06 WDID No. 833C327881 PW05-0223 BENCHMARK SEE BENCHMARK NOTE ON SHEET 1 TRACT NO. 29597-1 IP NO. 050026 SHEET NO.

COUNTY OF RIVERSIDE SEWER IMPROVEMENT PLANS SPRING MOUNTAIN RANCH

CONSTRUCTION NOTES AND DETAILS

FILE NO. INDEXED 5-02-07

