

SCALE
 HORIZ 1" = 40'
 VERT 1" = 4'

GENERAL NOTES

- 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 City.
- 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 City.
- Construction shall be in accordance with the City of Riverside Dept. of Public Works, Standard Drawings, its Supplemental Notes and the Standard Specifications for Public Works Construction, Current Edition.
- Contractor is to verify existing sewer elevation prior to construction.
- The sewer contractor shall adjust manholes to final grade after paving is completed.
- 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 City of Riverside.
- Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City inspectors.
- All flagged elevations shall be staked in the field by the private engineer.
- The contractor shall call in a locations request to UNDERGROUND SERVICE ALERT (USA), Phone No. 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.
- The developer shall be responsible for preserving or reestablishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- Prior to construction the contractor shall pothole all utility crossings and connections and verify the location and elevation of all utilities affected. The engineer shall be notified of any discrepancies before construction begins.
- No person shall perform any construction activity or install any objects within the public right-of-way or easements of the City of Riverside without a valid Construction permit or, a Street Opening permit or an Encroachment permit issued by the City's Public Works Department.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- No finished floor elevations shall be less than 6" above upper manhole rim elevation of the sewer line segment being connected to, without having a proper backwater valve installed in the lateral.

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS WAS OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS AND TO ASSUME ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES WHETHER SHOWN OR NOT SHOWN ON THESE DRAWINGS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS AND SUBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF LABOR AND THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS." THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH THE SAID REGULATIONS AND ORDERS.

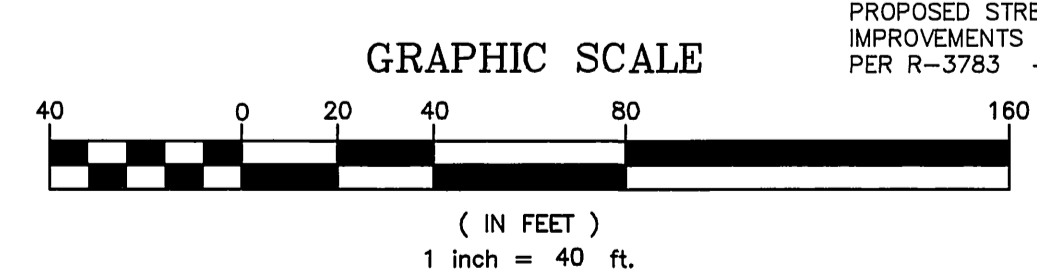
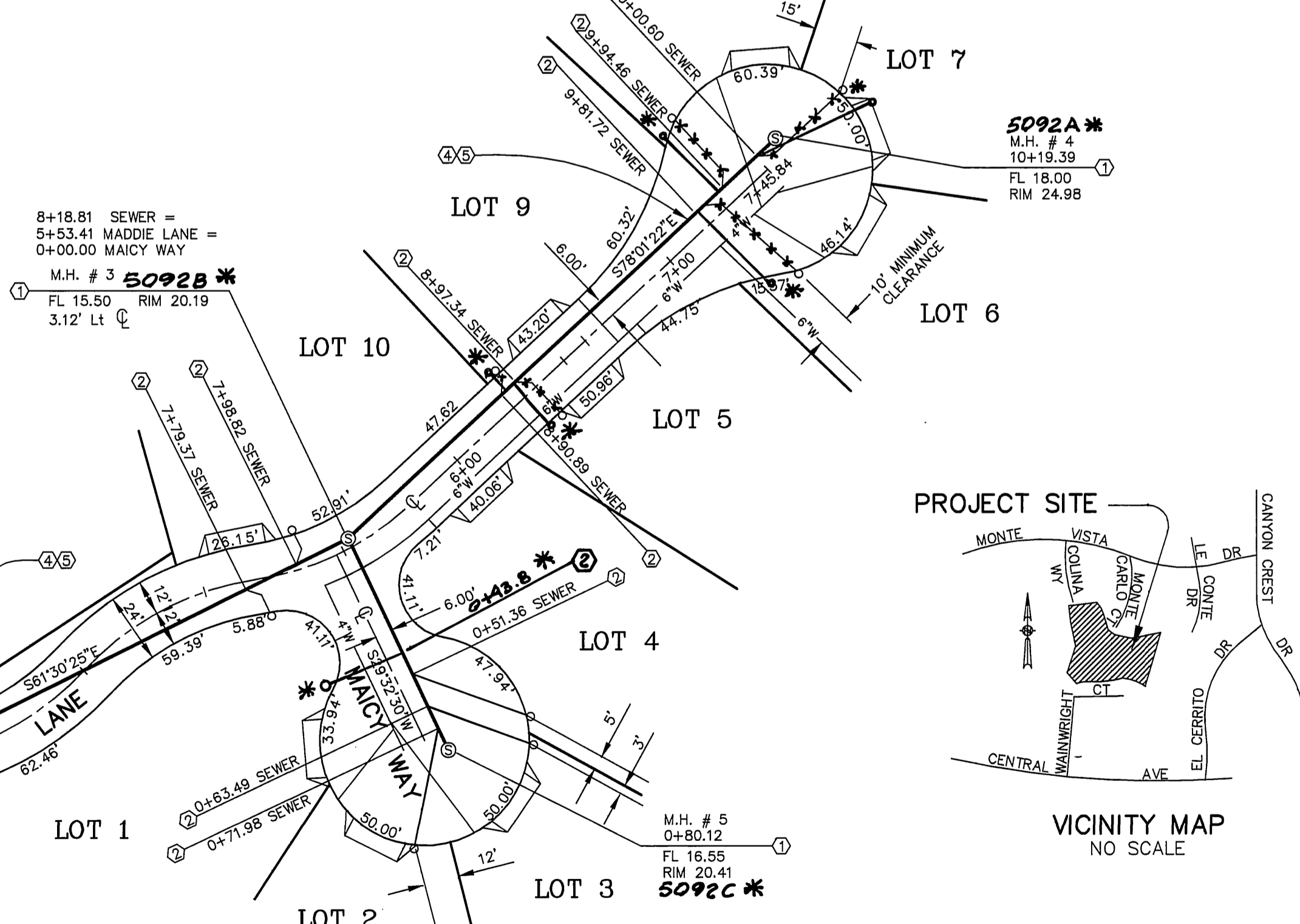
CONTRACTOR FURTHER AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB-SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, THE CITY AND THE CIVIL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT. EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.

CONSTRUCTION NOTES

- CONSTRUCT 48" ID MANHOLE PER CITY STD DWG 500 5 EA
- CONSTRUCT 4" LATERAL WITH CLEANOUT AT PROPERTY LINE PER CITY STD DWG 562A AND DETAIL "A" 275 LF
- CONNECT TO EXISTING MANHOLE PER S-1293; RE-CONTOUR BOTTOM TO ACCEPT FLOW
- CONSTRUCT 8" VCP EXTRA STRENGTH SEWER MAIN 696 LF
- CONSTRUCT SEWER MAIN BEDDING PER CITY STD DWG 452 (CASE 1, LOAD FACTOR 15) 696 LF

COLINA WAY

DETAIL "A"
 NO SCALE



Underground Service Alert

Call: TOLL FREE
 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK: H8 - J3
 PK NAIL AND CITY ENGINEER TAG IN CATCH BASIN AT NELY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE

ELEV: 1088.23

CITY OF RIVERSIDE - PUBLIC UTILITIES DEPARTMENT
 WATER SYSTEM
 APPROVED BY: [Signature] 8/10/2004
 DATE: 8/10/2004

REGISTERED PROFESSIONAL ENGINEER
 WARREN D. TUTTLE
 NO. 30171
 EXP. MAR 31, 2006
 CIVIL
 STATE OF CALIFORNIA

TUTTLE ENGINEERING
 Civil Engineering Surveying Land Planning Improvement Design
 800 E. LUGONIA AVE., SUITE K
 REDLANDS, CA 92374 TEL (909) 798-6785
 TUTTEN@THEGRID.NET FAX (909) 798-1343

Warren D. Tuttle 8/6/04
 WARREN D. TUTTLE DATE
 RCE 30171 EXP 3-31-06 BUS LIC 27319 EXP 6-11-05

MARK	REVISIONS	APPR. DATE
DESIGNED BY WDT	DRAWN BY JC	CHECKED BY WDT

CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 8/16/04
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION

APPROVED BY: [Signature] DATE: 8/16/04
 CITY ENGINEER

*AS-BUILT 1-11-06 LHT

TRACT NO, 31584
 SEWER PLAN
 MADDIE LANE AND MACIE WAY

HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PW 04-0222
 S-1839
 SHEET 1 OF 1