

# SEWER IMPROVEMENT PLANS FOR: MAIN & GARNER BUSINESS PARK

PARCEL MAP No. 35354, CITY OF RIVERSIDE, CALIFORNIA

## GENERAL CONSTRUCTION NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL 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.
- 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 DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 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.
- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 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.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA) PHONE (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 PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
- 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.
- 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.
- THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
- PIPES JOINTS FOR VITRIFIED CLAY PIPE SHALL BE TYPE "G" AS SPECIFIED IN SECTION 208-2.3 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS PROJECTS. CEMENTED JOINTS SHALL NOT BE ALLOWED.

## NOTICE TO CONTRACTORS

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

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 MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

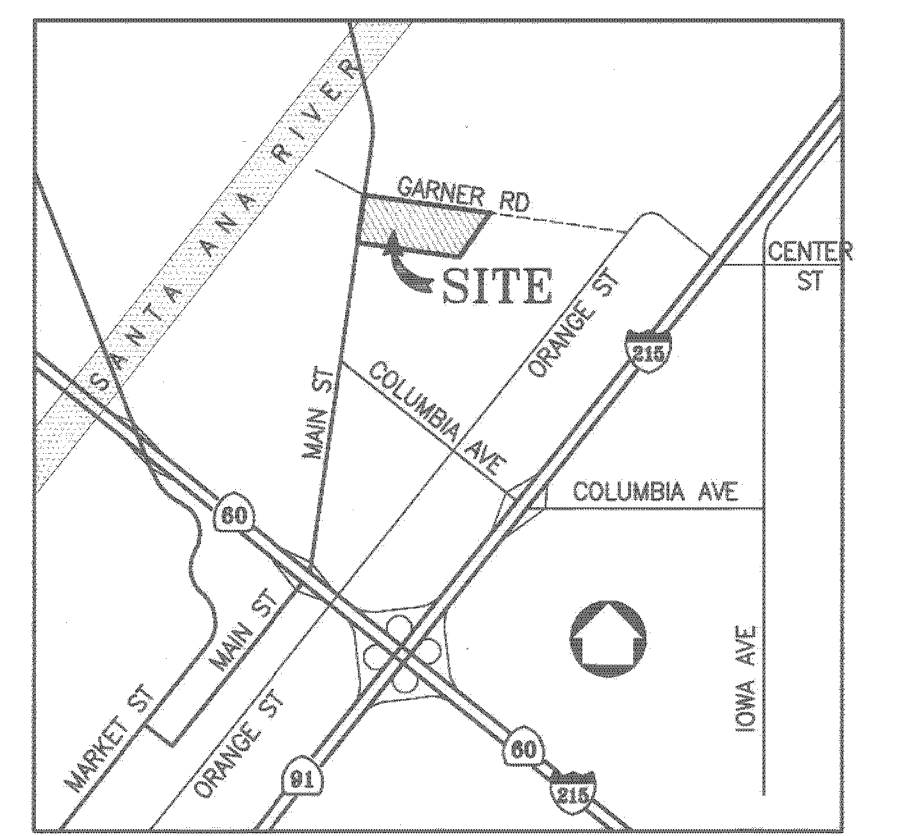
THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

CALL UNDERGROUND SERVICE ALERT ((U.S.A.) 1-800-422-4133 AT LEAST 2 WORKING DAYS PRIOR TO EXCAVATION.

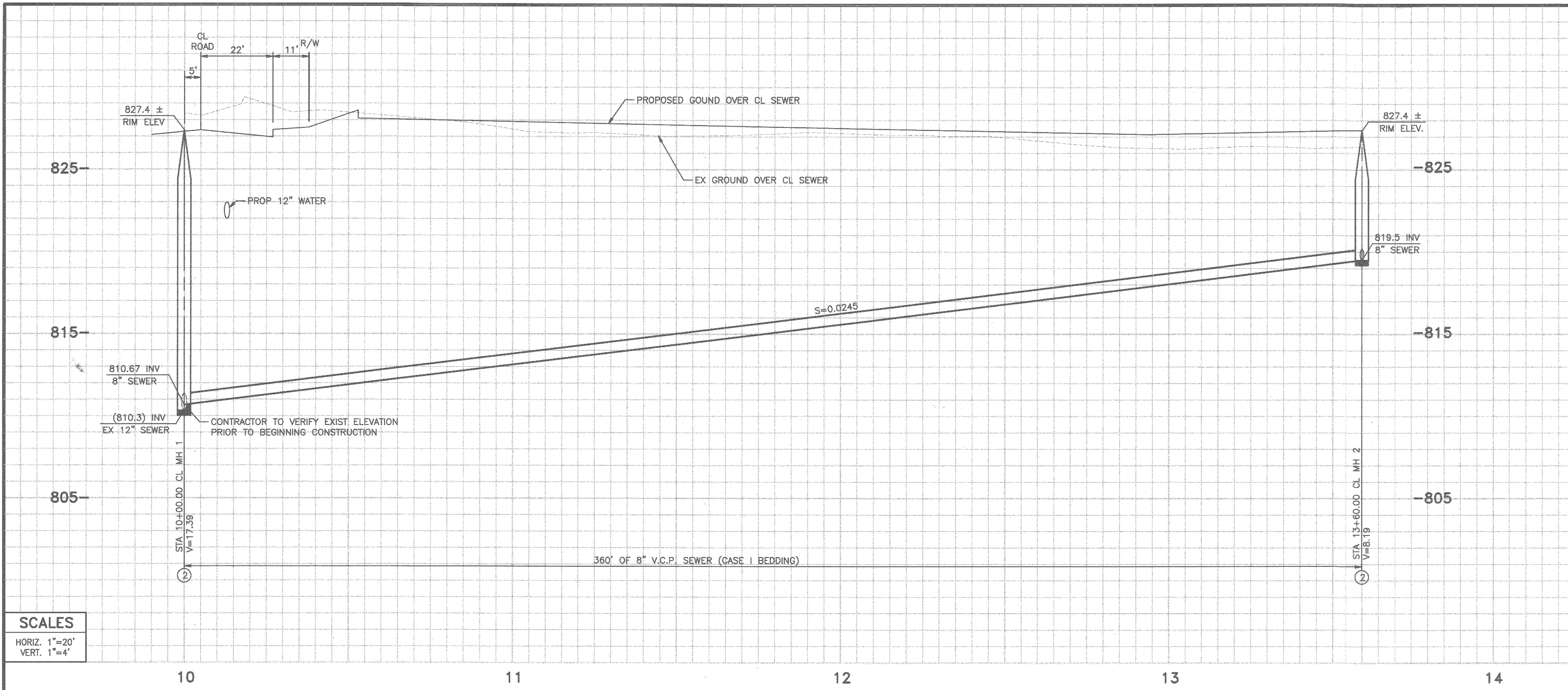
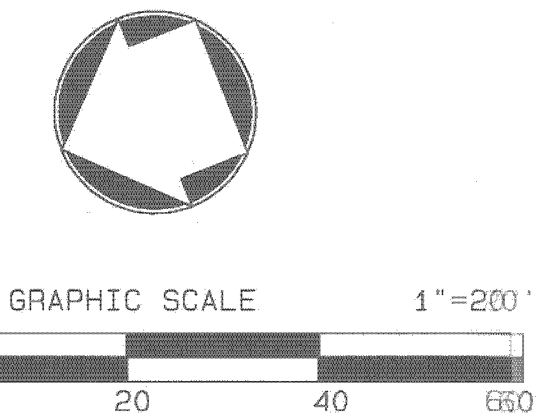
## CONSTRUCTION NOTES

THE QUANTITIES SHOWN BELOW ARE FOR BONDING INFORMATION ONLY. THE CONTRACTOR IS TO CONSTRUCT PROJECT PER THESE PLANS AND SUBMIT CONSTRUCTION BID BASED UPON THEIR OWN QUANTITY "TAKE OFF"

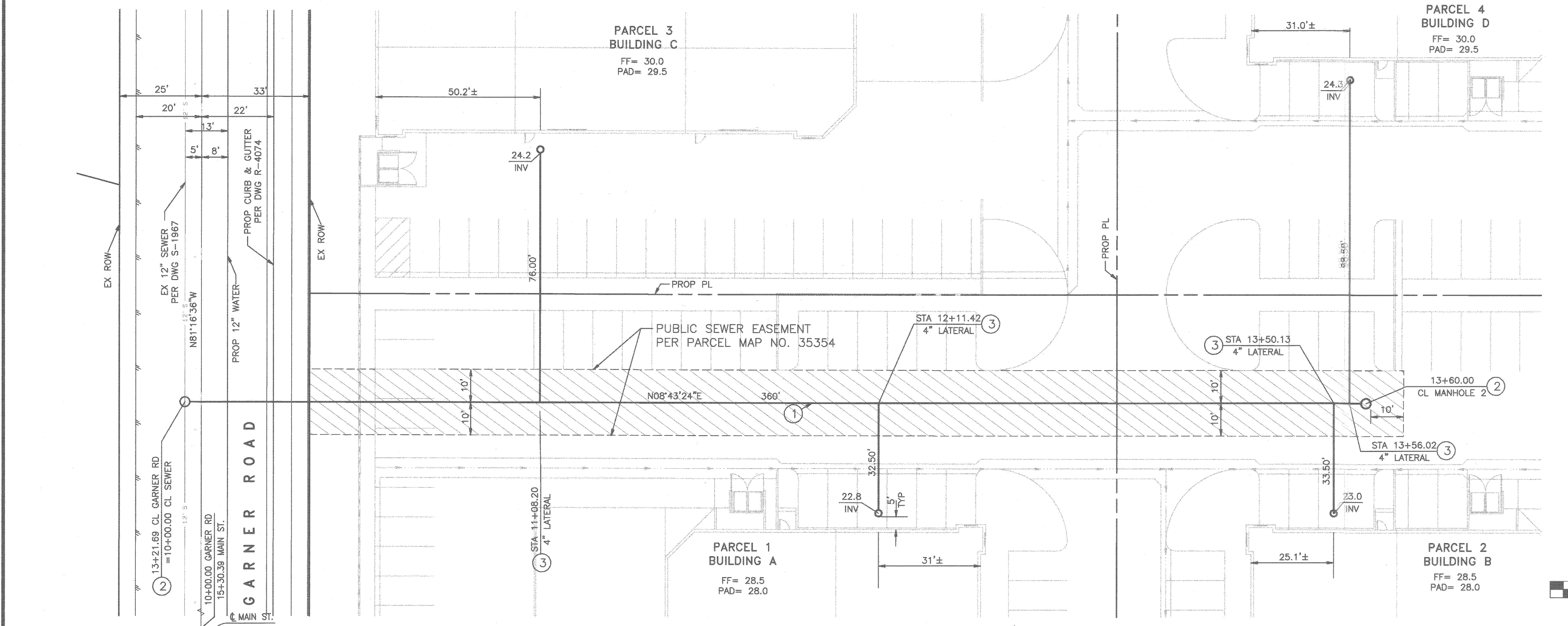
CONSTRUCTION NOTES	QUANTITIES
1. CONSTRUCT 8" V.C.P. SEWER PER CITY OF RIVERSIDE STD. DWG 452 (CASE 1 BEDDING)	356 LF
2. CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD DWG 500	2 EA
3. CONSTRUCT 4" V.C.P. SEWER LATERAL PER CITY OF RIVERSIDE STD DWG 562A	40 LF



VICINITY MAP  
NOT TO SCALE



SCALES  
HORIZ. 1"=20'  
VERT. 1"=4'



**DIGALERT**  
DIAL BEFORE YOU DIG  
TOLL FREE  
A PUBLIC SERVICE BY 1-800-227-2600  
UNDERGROUND SERVICE ALERT

CITY OF RIVERSIDE  
PUBLIC UTILITY DEPT. - OVERHEAD & UNDERGROUND  
REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
BENCH MARK: GPS-51  
2 1/2" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 51 1991 CADME" SET IN THE TOP OF A CATCH BASIN ALONG THE NORTHERLY CURB OF COLUMBIA AVENUE, 4 FEET EAST OF THE CORNER OF THE NORTHEAST CORNER OF MAIN STREET AT COLUMBIA AVENUE.  
ELEV. = 813.657'

CITY OF RIVERSIDE  
PUBLIC UTILITY DEPT. - WATER DIVISION  
REVIEWED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
PREPARED UNDER THE SUPERVISION OF: \_\_\_\_\_  
R.C.E. NO. C44782 EXP. DATE 3-31-08

REGISTERED PROFESSIONAL ENGINEER  
SEYMOUR R. WILDEBRAND  
NO. C44782  
EXP. 3-31-08  
CIVIL  
STATE OF CALIFORNIA

ALBERT A. WEBB  
ASSOCIATES  
CIVIL ENGINEERS  
3788 McCRAY STREET  
RIVERSIDE, CA. 92506  
PH: (951) 686-1070  
FAX: (951) 788-1256  
C/R BUS. TAX # 5751 EXP. 12/31/08  
W.O. 06-0321 FOR: OC REAL ESTATE MANAGEMENT, LLC

MARK	REVISIONS	APPR. DATE

DESIGNED BY: ojq CHECKED BY: R.B. PLN CHK REF

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT  
APPROVED BY: \_\_\_\_\_ BY DATE: \_\_\_\_\_  
PRINCIPAL ENGINEER: \_\_\_\_\_  
CITY ENGINEER: \_\_\_\_\_  
DATE: 4/2/08

SEWER IMPROVEMENT PLANS  
MAIN & GARNER BUSINESS PARK  
PARCEL MAP No. 35354  
GARNER ROAD  
STA 10+00 TO STA 13+60  
SCALE: HORIZ. 1"=20', VERT. 1"=4'

PW07-0903  
DRAWING NUMBER  
S-2046  
SHEET 1 OF 1  
06321SR.PRO

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