

City of Riverside, California

Department of Public Works

SEWER IMPROVEMENT

AT

CHAMBER STREET

T-31283

RIVERSIDE, CALIFORNIA

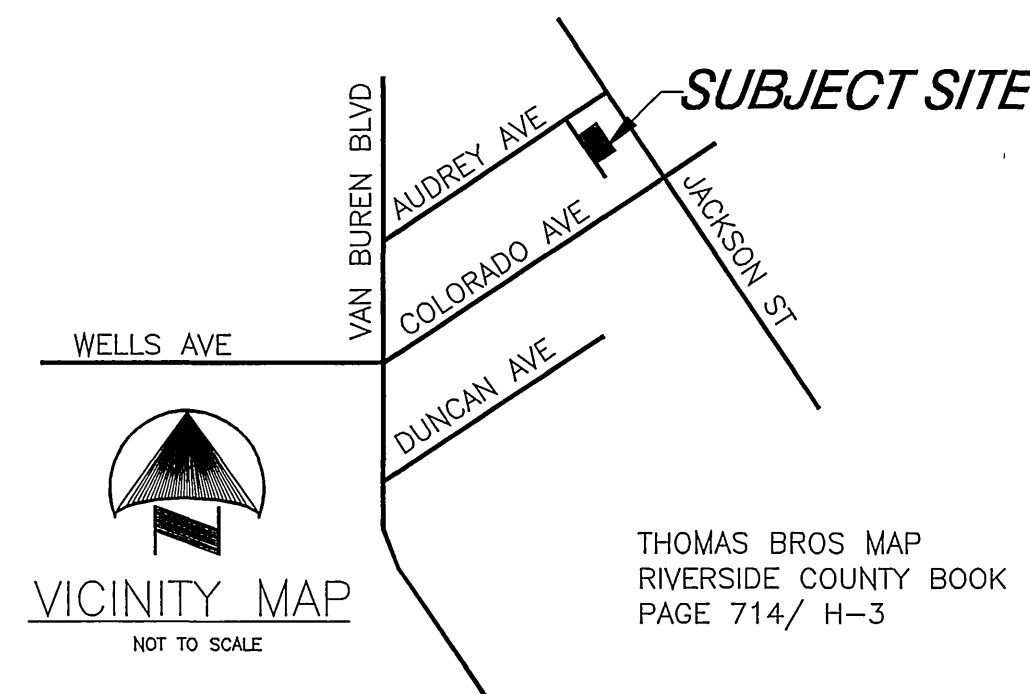
STATION 1+16.96 to STATION 3+17.94

CONSTRUCTION NOTES:

TAG NUMBER	DESCRIPTION
①	INSTALL SANITARY V.C.P. 4" SEWER LATERAL PER CITY OF RIVERSIDE STD. DWG. No. 562A.
②	PROTECT EXT'G 8" D.I. WATER LINE
③	PROTECT EXISTING SANITARY SEWER LINE
④	REMOVE EXISTING SANITARY SEWER CLEAN OUT ALONG WITH THE 20.00' STEEL SEWER PIPE
⑤	INSTALL 8" V.C.P. SANITARY SEWER LINE
⑥	INSTALL SANITARY 4" SEWER MANHOLE PER CITY OF RIVERSIDE STD. DWG. No. 500

QUANTITIES

DESCRIPTION	TYPE	QUANTITY
8" V.C.P. SANITARY SEWER LINE BY DEVELOPER	LFT.	167
4" V.C.P. SANITARY SEWER LATERAL BY DEVELOPER	EACH	5
4" SANITARY SEWER MANHOLE BY DEVELOPER	EACH	1



LEGEND

- INDICATES DRAINAGE FLOWLINE
- (99.99) INDICATES EXISTING GRADE ELEVATION
- INDICATES PAVEMENT
- INDICATES CENTERLINE
- SSMH INDICATES EXT'G SANITARY SEWER MANHOLE
- ST. LITE INDICATES EXT'G STREET LIGHT
- C.L. INDICATES CENTER LINE
- P.L. INDICATES PROPERTY LINE
- W.V. INDICATES WATER VALVE
- E.P. INDICATES EDGE OF PAVEMENT
- B.W. INDICATES BACK OF WALK
- T.C. INDICATES TOP OF CURB
- F.S. INDICATES FINISH SURFACE
- F.L. INDICATES FLOW LINE
- SS INDICATES SANITARY SEWER
- 43.79 E.S. INDICATES NEW GRADE ELEVATION
- 42.88 E.P. INDICATES EXT'G EDGE OF PAVEMENT ELEVATION
- 42.86 A.S. INDICATES EXT'G ASPHALT GRADE ELEVATION
- 42.86 F.S. INDICATES EXT'G FINISH GRADE ELEVATION
- 38. INDICATES EXT'G FIRE HYDRANT

BENCHMARK

BENCHMARK: G4-J3
PK NAIL AND CITY ENGR. TAG IN SLY CURB OF COLORADO AVE AT THE BCR OF THE SLY CURB RETURN OF JACKSON AND COLORADO.
ELEV. = 749.59

GENERAL NOTES

- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-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 (THIS NOTE REQUIRED ON ALL PLANS.)
- 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.
- 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.
- CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
- 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 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.
- THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

PRIVATE ENGINEER'S NOTE:

ALL IDEAS, DESIGNS, PLANS, AND SPECIFICATIONS AND OTHER PROJECT DOCUMENTS, INCLUDING ALL DOCUMENTS ON ELECTRONIC MEDIA ARE THE PROPERTY OF RAMCAM AND MAY NOT BE REPRODUCED OR USED WITHOUT THE WRITTEN PERMISSION OF RAMCAM CORPORATION. -ALL RIGHTS RESERVED

REPORT ANY DISCREPANCIES TO THE ENGINEER. WORK DONE IN CONFLICT WITH ALL DRAWINGS SHALL BE CORRECTED AT CONTRACTORS OWN EXPENSE.

PRIVATE ENGINEER'S NOTE TO CONTRACTOR

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN.

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY 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. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

CITY ACCEPTANCE OF PLANS DOES NOT RELIEVE THE DEVELOPER FROM RESPONSIBILITY FOR THE CORRECTION OF ERROR AND OMISSION DISCOVERED DURING CONSTRUCTION. UPON REQUEST FROM THE CITY INSPECTOR, THE REQUIRED PLANS REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR REVIEW.

GEOLOGIC HAZARD NOTE

NO LAND IS SUBJECT TO LIQUEFACTION OR OTHER GEOLOGIC HAZARD, OR IS WITHIN A SPECIAL STUDIES ZONE.

FEMA NOTE

NONE OF THE SUBJECT PROPERTY IS LOCATED WITHIN A MAPPED FLOODPLAN OR FLOODWAY.

AS BUILT DATA

OFFSITE AND ONSITE AS BUILT DATA WERE DEVELOPED FROM A FIELD SURVEY PERFORMED BY CAL-SURVEY, INC., (909) 788-8357, MARCH, 2003

PW03-0067

UNDERGROUND SERVICE ALERT

CALL: TOLL FREE:
1-800-227-2600

TWO WORKING DAY BEFORE YOU DIG

BENCHMARK: G4-J3
PK NAIL AND CITY ENGR. TAG IN SLY CURB OF COLORADO AVE AT THE BCR OF THE SLY CURB RETURN OF JACKSON AND COLORADO.
ELEV. = 749.59

CITY OF RIVERSIDE WATER DEPT.

APPROVED BY: *[Signature]* DATE: 12/17/03

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD & UNDERGROUND

APPROVED BY: *[Signature]* DATE: 12/17/03

RAMCAM
ENGINEERING DESIGN CONSTRUCTION MANAGEMENT
801 LA PAZ CI, CORONA, CA 92879-7719
PHONE: 1-909-734-6330
ramcamcorp@attbi.com

APPROVED BY: *[Signature]* DATE: 12/17/03

MARK: _____ REVISIONS: _____ APPR. DATE: _____
DESIGNED BY: AAI DRAWN BY: AAI CHECKED BY: JW

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS

APPROVED BY: _____ BY: *[Signature]* DATE: _____
PRINCIPAL ENGR. *[Signature]*
PARK DEPARTMENT
TRAFFIC DIVISION
CITY ENGINEER
DATE: 11/26/04

SEWER IMPROVEMENT PLANS

TRACT 31283
CHAMBER STREET
TITLE SHEET

PROJECT NO.

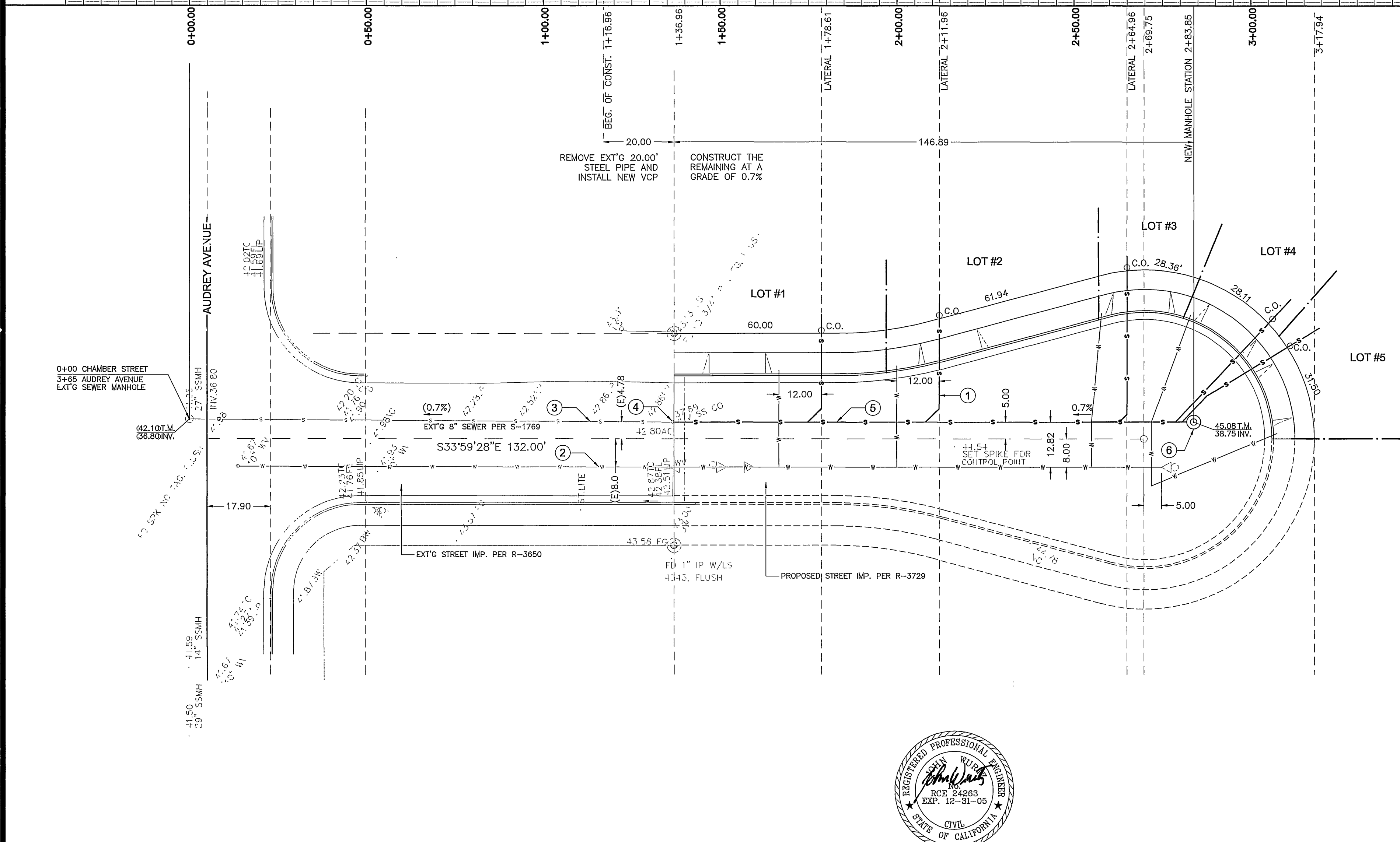
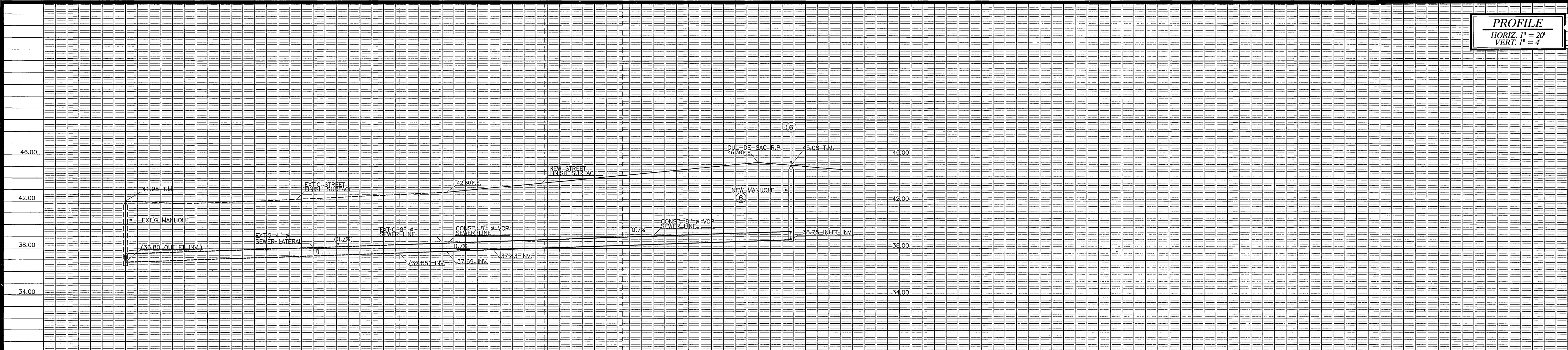
S-1805

SHEET 1 OF 2

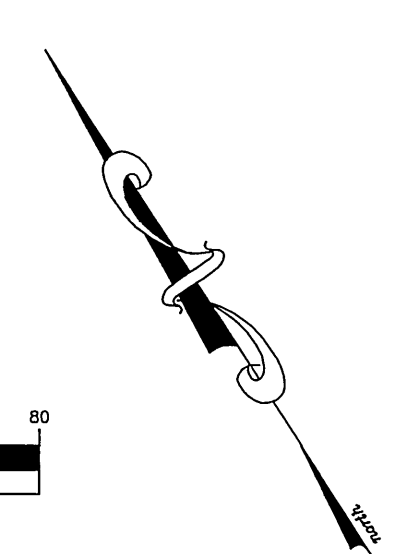
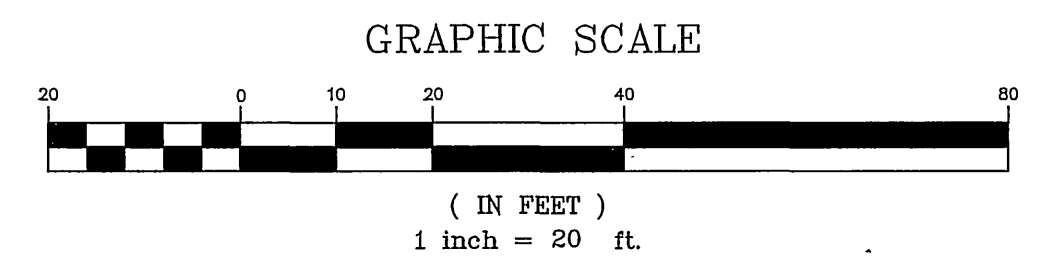
FILE NO.

INDEXED 2-11-04 LPH

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



- NOTE:**
1. ALL SEWER LATERALS ARE V.C.P. W/ HIGH STRENGTH COMPRESSION JOINTS.
 2. CONTRACTOR TO USE PIPE BEDDING PER STD. DWG. # 452, CASE I.



BUSINESS TAX CERTIFICATE 105070. EXP. 6.12.04

PW03-0067

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CITY OF RIVERSIDE WATER DEPT.
 APPROVED BY: *[Signature]* DATE: 12/11/05

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD & UNDERGROUND
 APPROVED BY: *[Signature]* DATE: 12/17/05

RAMCAM
 ENGINEERING DESIGN CONSTRUCTION MANAGEMENT
 801 LA PAZ CL. CORONA, CA 92879-7719
 PHONE: 1-909-734-6330
 ramcamcorp@attbi.com

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS			
APPROVED BY	BY	DATE	APPROVED BY

SEWER IMPROVEMENT PLANS
 TRACT 31283
 CHAMBER STREET
 PIPELINE PLAN AND PROFILE

PROJECT NO. S-1805
 SHEET 2 OF 2
 FILE NO.

INDEXED 2-11-04 LPH