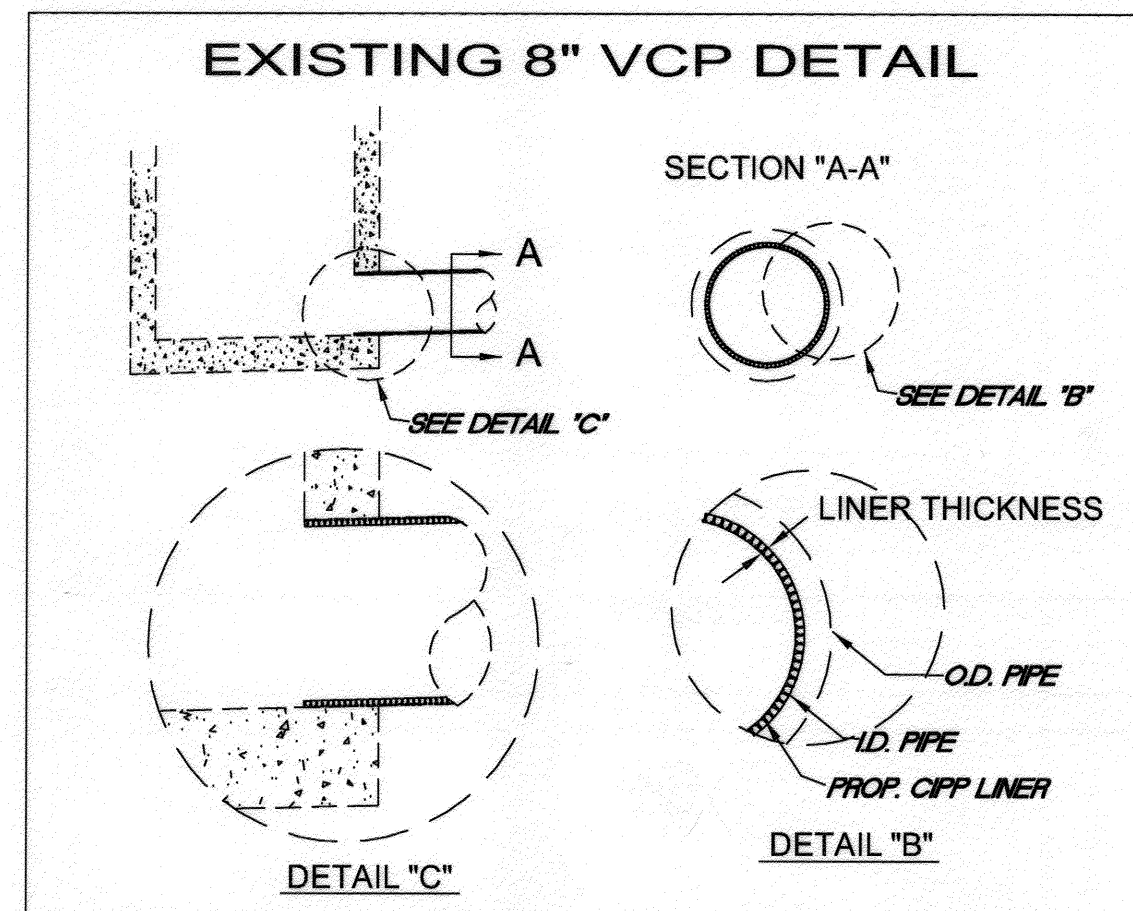


GENERAL NOTES:

- 1). CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2009 EDITION.
- 2). EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM PUBLIC RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- 3). PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A", "C-34" OR A "C-42" LICENSE.
- 4). ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- 5). TRENCHES SHALL EITHER BE BACKFILLED AND COMPACTED PER STANDARD DRAWING 453 OR COVERED WITH TRAFFIC RATED STEEL PLATES AT THE END OF EACH WORK DAY AS SPECIFIED IN THE SPECIAL PROVISIONS.
- 6). WATER VALVES ENCOUNTERED DURING PIPELINE CONSTRUCTION OR DURING RESTORATION OF SURFACE IMPROVEMENTS SHALL BE PROTECTED IN PLACE, RESTORED TO PRE-CONSTRUCTION CONDITION AND/OR ADJUSTED TO GRADE.
- 7). CONTRACTOR SHALL PERFORM A PRE-CONSTRUCTION VIDEO OF THE SEWER MAIN LINES, CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VIDEOING ALL SEWER LATERALS FROM THE MAINLINE TO THE PROPERTY LINE ON SINGLE FAMILY RESIDENCE (SFR).
- 8). SERVICE LATERAL REPAIR SHALL BE PERFORMED AFTER CCTV INSPECTION REPORT HAS BEEN REVIEWED AND APPROVED BY THE ENGINEER.
- 9). CONTRACTOR SHALL PROTECT MATURE TREES, PALMS AND SHRUBS. SHOULD IT BECOME NECESSARY TO REMOVE ANY MATURE TREES, PALMS OR SHRUBS, THE CONTRACTOR SHALL OBTAIN WRITTEN APPROVAL FROM THE ENGINEER AND THE CITY'S URBAN FORESTER.
- 10). CONTRACTOR SHALL POTHOLE AND VERIFY ALL LOCATIONS AND ELEVATIONS OF UTILITIES PRIOR TO START OF CONSTRUCTION TO ELIMINATE ANY CONFLICTS WITH THE PIPE REPLACEMENT.
- 11). LINER MATERIAL SHALL BE CURED-IN-PLACE PIPE (CIPP) LINER PER 500-1.4. LINER WALL THICKNESS SHALL BE A MINIMUM 0.177 INCHES.

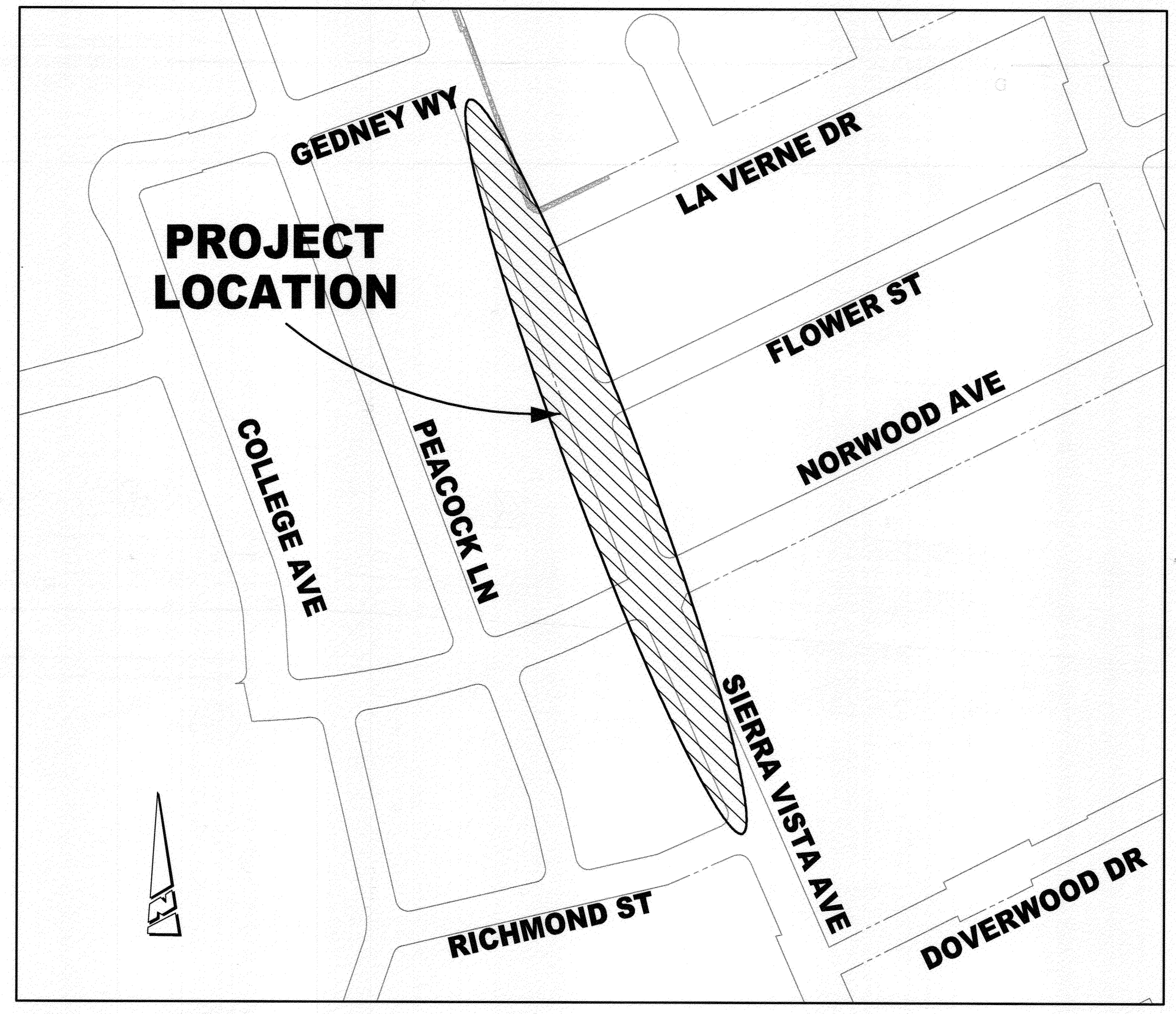


NOTE: LATERAL LOCATIONS ARE BASED ON SEWER CONNECTION PERMIT RECORDS AND MIGHT NOT BE WHERE INDICATED ON PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE THEM IN THE FIELD.

BENCHMARK:
F2-B2
CONCRETE MONUMENT AND NAIL IN WELL AT INTERSECTION OF SIERRA VISTA AVENUE AND NORWOOD AVENUE.
ELEV - 786.734

RIVERSIDE CALIFORNIA

PUBLIC WORKS DEPARTMENT SEWER REPLACEMENT ALONG SIERRA VISTA AVENUE BETWEEN GEDNEY WAY AND RICHMOND STREET



VICINITY MAP
NTS

CONSTRUCTION NOTES:

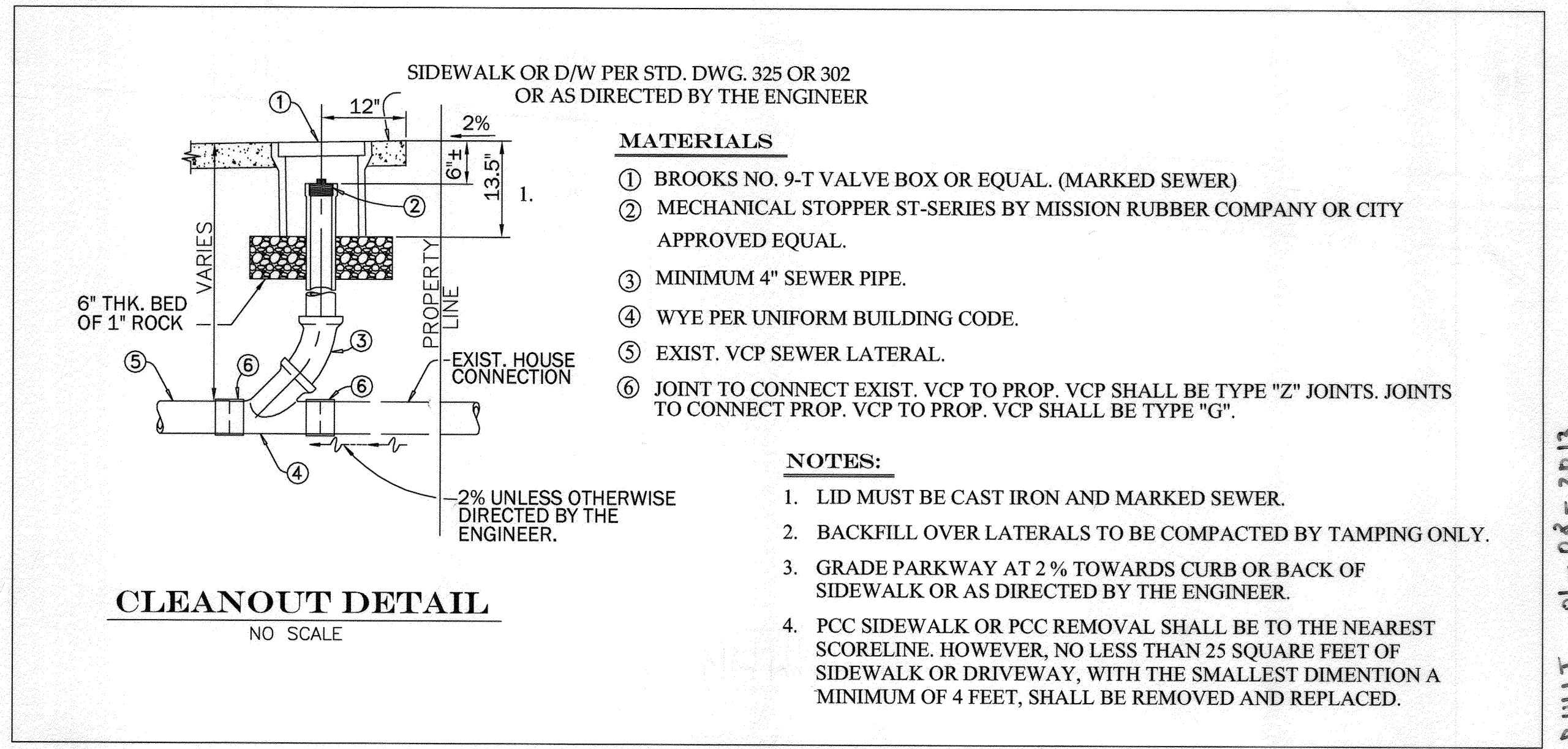
- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ① ABANDON EXISTING SEWER PIPE, CLEANOUT AND MANHOLES IN PLACE.
 - ② EXISTING SEWER MAIN AND MANHOLE TO REMAIN, PROTECT IN PLACE.
 - ③ REMOVE INTERFERING PORTIONS OF EXISTING SEWER PIPE AND/OR MANHOLE.
 - ④ REMOVE AND REPLACE EXISTING SERVICE LATERALS TO THE PROPERTY LINE AND CONNECT THEM TO THE PROPOSED 8" VCP PER STANDARD DRAWING 562.
 - CO FURNISH AND INSTALL SEWER CLEANOUTS IN PARKWAY PER DETAIL SHEET 1. SEWER LATERAL TO BE REPLACED WITH 4" VCP AS DIRECTED BY CITY ENGINEER.

CONSTRUCTION LEGEND:

- ⊙ SEWER MANHOLE.
- △ SEWER CLEANOUT

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET AND NOTES
2	PLAN SHEET

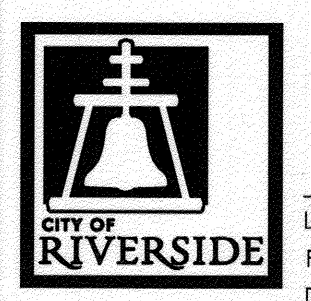
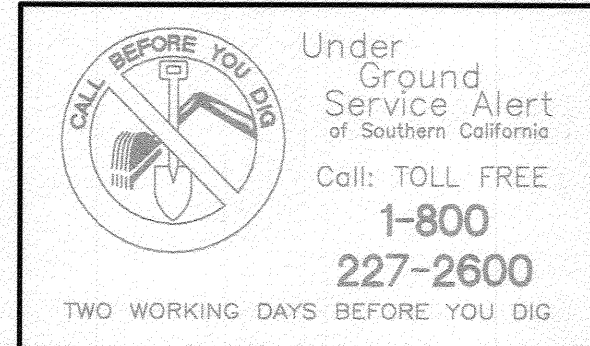


MATERIALS

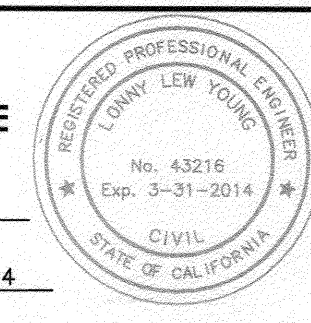
- ① BROOKS NO. 9-T VALVE BOX OR EQUAL. (MARKED SEWER)
- ② MECHANICAL STOPPER ST-SERIES BY MISSION RUBBER COMPANY OR CITY APPROVED EQUAL.
- ③ MINIMUM 4" SEWER PIPE.
- ④ WYE PER UNIFORM BUILDING CODE.
- ⑤ EXIST. VCP SEWER LATERAL.
- ⑥ JOINT TO CONNECT EXIST. VCP TO PROP. VCP SHALL BE TYPE "Z" JOINTS. JOINTS TO CONNECT PROP. VCP TO PROP. VCP SHALL BE TYPE "G".

NOTES:

1. LID MUST BE CAST IRON AND MARKED SEWER.
2. BACKFILL OVER LATERALS TO BE COMPACTED BY TAMPING ONLY.
3. GRADE PARKWAY AT 2% TOWARDS CURB OR BACK OF SIDEWALK OR AS DIRECTED BY THE ENGINEER.
4. PCC SIDEWALK OR PCC REMOVAL SHALL BE TO THE NEAREST SCORELINE. HOWEVER, NO LESS THAN 25 SQUARE FEET OF SIDEWALK OR DRIVEWAY, WITH THE SMALLEST DIMENTION A MINIMUM OF 4 FEET, SHALL BE REMOVED AND REPLACED.



ENGINEER IN RESPONSIBLE CHARGE
LONNY L. YOUNG
R.C.E. No. 43216 EXPIRES: 3-31-2014
DATE: 04/25/2012



MARK	REVISIONS	APPR.	DATE

**CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS**

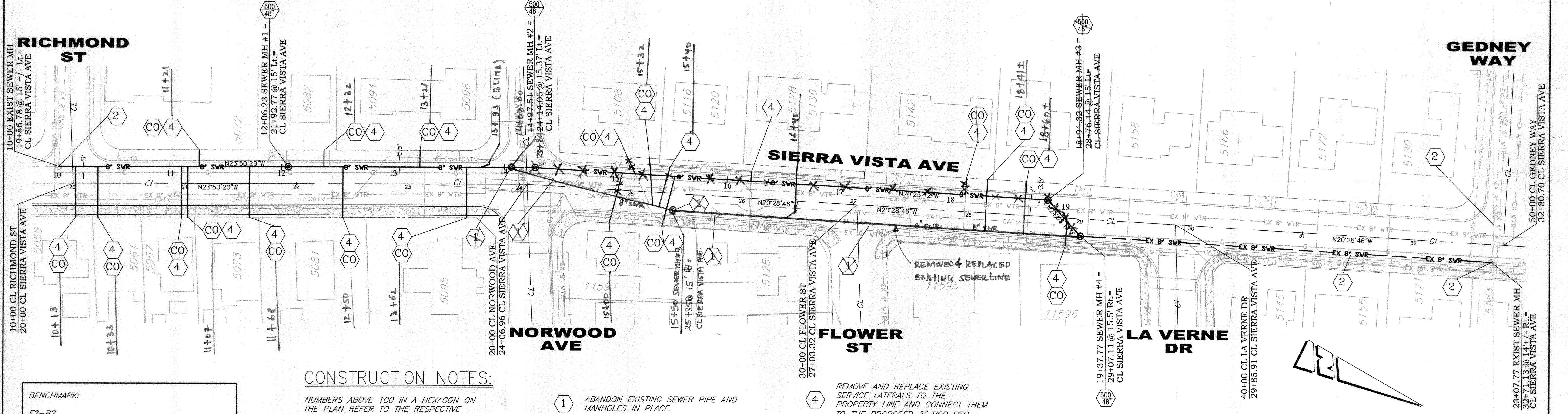
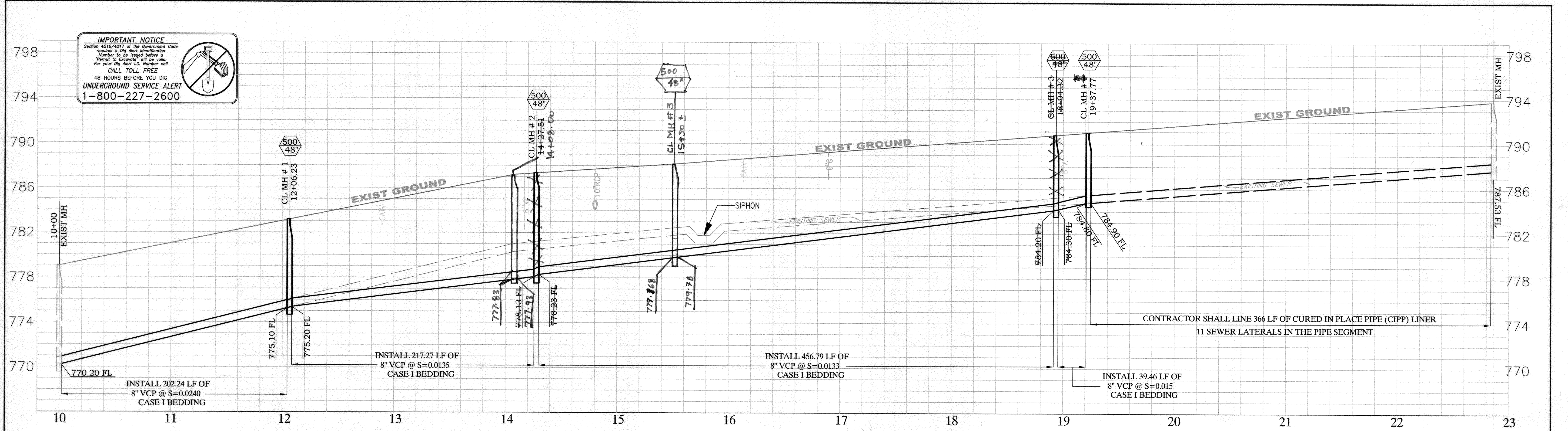
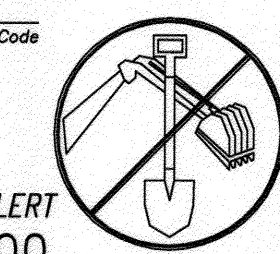
APPROVED BY: [Signature] DATE: 04/25/12
PRINCIPAL ENGINEER: [Signature] DATE: 4/26/12
ENGINEERING MANAGER: [Signature] DATE: 4/25/12
CONSTRUCTION ADMIN. [Signature]
SURVEY [Signature]

SEWER IMPROVEMENTS
**SEWER REPLACEMENT ALONG SIERRA VISTA AVE
BETWEEN GEDNEY WY AND RICHMOND ST.**
TITLE SHEET

ACCT. NO 9863123203 440301
CONSTRUCTION WORK ORDER NO.: 1221289
S-2104
SHEET 1 OF 2
FILE NAME: S-2104-1

A-5-BUILT 01-02-2013

IMPORTANT NOTICE
 Section 4514.0217 of the Government Code requires a Dig Alert identification number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID, Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600



CONSTRUCTION NOTES:

- 1 ABANDON EXISTING SEWER PIPE AND MANHOLES IN PLACE.
- 2 EXISTING SEWER TO REMAIN IN PLACE.
- 3 REMOVE INTERFERING PORTIONS OF EXISTING SEWER PIPE AND/OR MANHOLE.
- 4 REMOVE AND REPLACE EXISTING SERVICE LATERALS TO THE PROPERTY LINE AND CONNECT THEM TO THE PROPOSED 8" VCP PER STANDARD DRAWING 562.

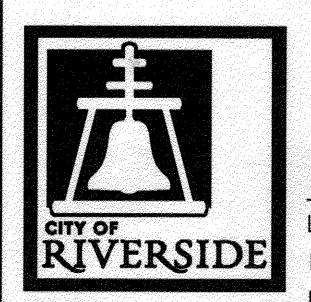
CONSTRUCTION LEGEND:

- ⊙ SEWER MANHOLE.
- △ SEWER CLEANOUT.

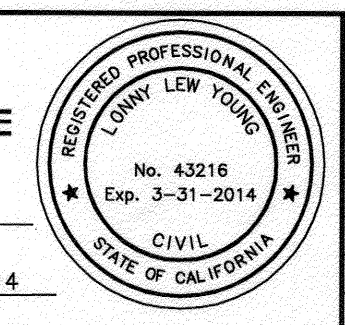
BENCHMARK:
 F2-B2
 CONCRETE MONUMENT AND NAIL IN WELL AT INTERSECTION OF SIERRA VISTA AVENUE AND NORWOOD AVENUE.
 ELEV - 786.734

NOTE: LATERAL LOCATIONS ARE BASED ON SEWER CONNECTION PERMIT RECORDS AND MIGHT NOT BE WHERE INDICATED ON PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE THEM IN THE FIELD.

Under Ground Service Alert of Southern California
 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG



ENGINEER IN RESPONSIBLE CHARGE
 LONNYE E. YOUNG
 R.C.E. No. 43216 EXPIRES: 3-31-2014
 DATE: 04/25/2012



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 4/26/12
 PRINCIPAL ENGINEER: BY: *[Signature]* DATE: 4/26/12
 ENGINEERING MANAGER: *[Signature]*
 CONSTRUCTION ADMIN. *[Signature]*
 SURVEY: *[Signature]*

SEWER IMPROVEMENTS
 SEWER REPLACEMENT ALONG SIERRA VISTA AVE BETWEEN GEDNEY WY AND RICHMOND ST.
 TITLE SHEET
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCT. NO 985123203 440301
 CONSTRUCTION WORK ORDER NO.: 1221289
S-2104
 SHEET 2 OF 2
 FILE NAME: S-2104-2