

# CITY OF RIVERSIDE SEWER IMPROVEMENT PLANS FOR INDIANA AVE. AND CAPRIOLE ROAD AT AUSD HIGH SCHOOL No. 4

**GENERAL NOTES:**

1. 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.
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 CITY.
3. 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.
4. THE PRIVATE ENGINEER SHOWING 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 REVISIONS TO THE PLANS FOR APPROVAL BY THE CITY (THIS NOTE REQUIRED ON ALL PLANS.)
5. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
6. WHEN A PORTION OF THE WORK IS TO BE DONE BY THE CITY, THE DEVELOPER AND/OR CONTRACTOR SHALL GIVE THE CITY 60-DAYS NOTICE SO THAT THE DEVELOPER'S WORK AND THE CITY'S WORK CAN BE PROPERLY COORDINATED. THE DEVELOPER SHALL PREPARE AND COMPACT THE SUBGRADE TO ELEVATIONS WITHIN ±.1' OF THE DESIGN ELEVATIONS AND SHALL BE RESPONSIBLE FOR THE CONDITION OF THE SUBGRADE UNTIL ACCEPTED BY THE CITY. THE DEVELOPER SHALL ALSO BE RESPONSIBLE FOR ANY BARRICADING DURING THIS TIME.
7. THE DEVELOPER AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
8. 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.
9. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
10. PIPE BEDDING SHALL BE CASE I PER CITY STD. DWG. NO. 452 UNLESS OTHERWISE SHOWN ON THE PLANS. IF GROUND WATER IS ENCOUNTERED BEDDING SHALL BE CASE III IN ACCORDANCE WITH NOTE 2, CITY STD. DWG. NO. 452.
11. 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.
12. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2929, 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.
13. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
14. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
15. 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.
16. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.

**PROFESSIONAL ENGINEER'S NOTICE TO CONTRACTOR:**

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 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 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.

THE EXISTENCE AND APPROXIMATE LOCATIONS OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. THE CIVIL ENGINEER ASSUMES NO LIABILITY AS TO THE EXACT LOCATION OF SAID LINES NOR FOR UTILITY OR IRRIGATION LINES WHOSE LOCATIONS ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY AND IRRIGATION COMPANIES FOR ANY DAMAGE OR PROTECTION TO THESE LINES.

**BENCHMARK**

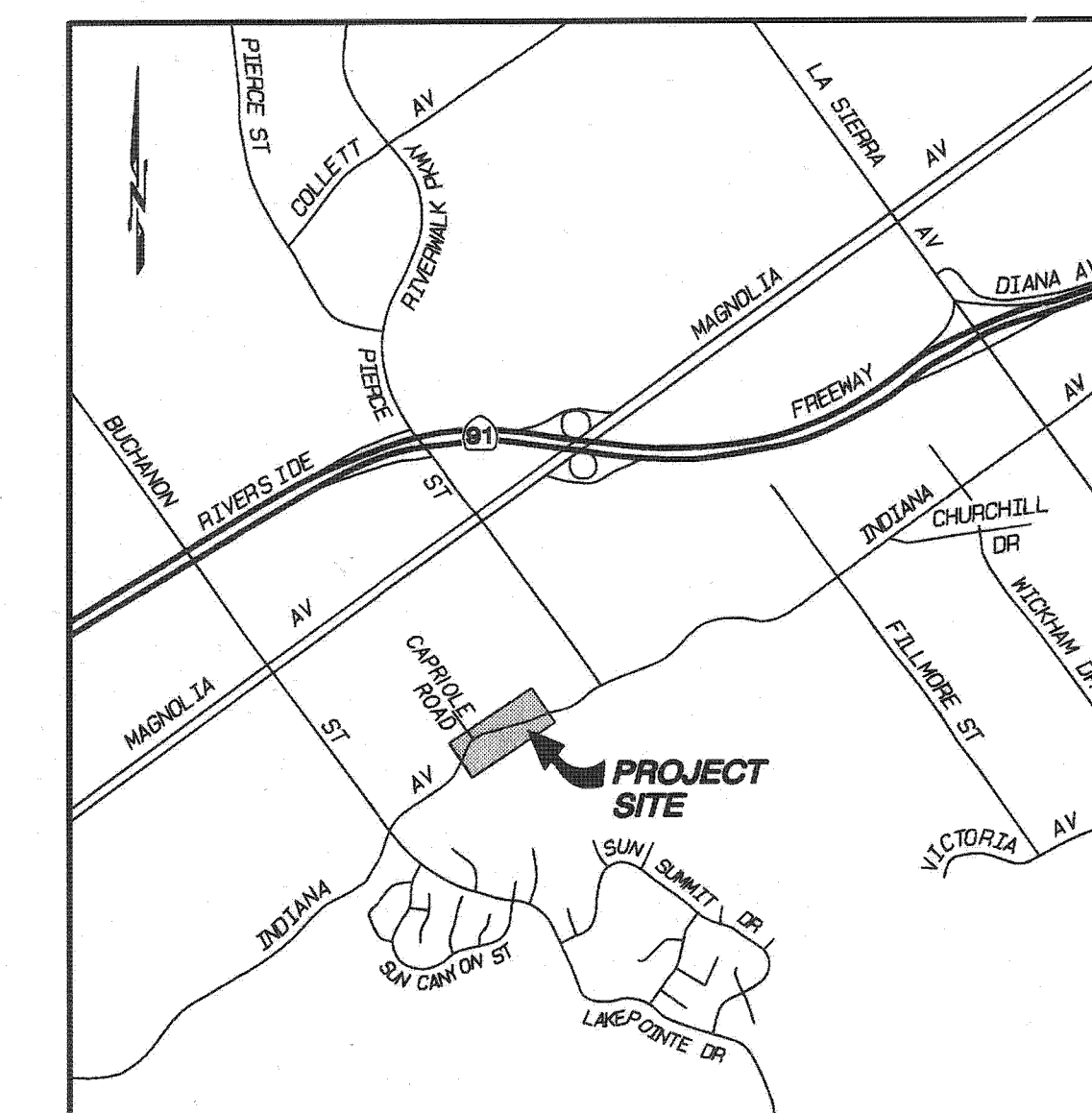
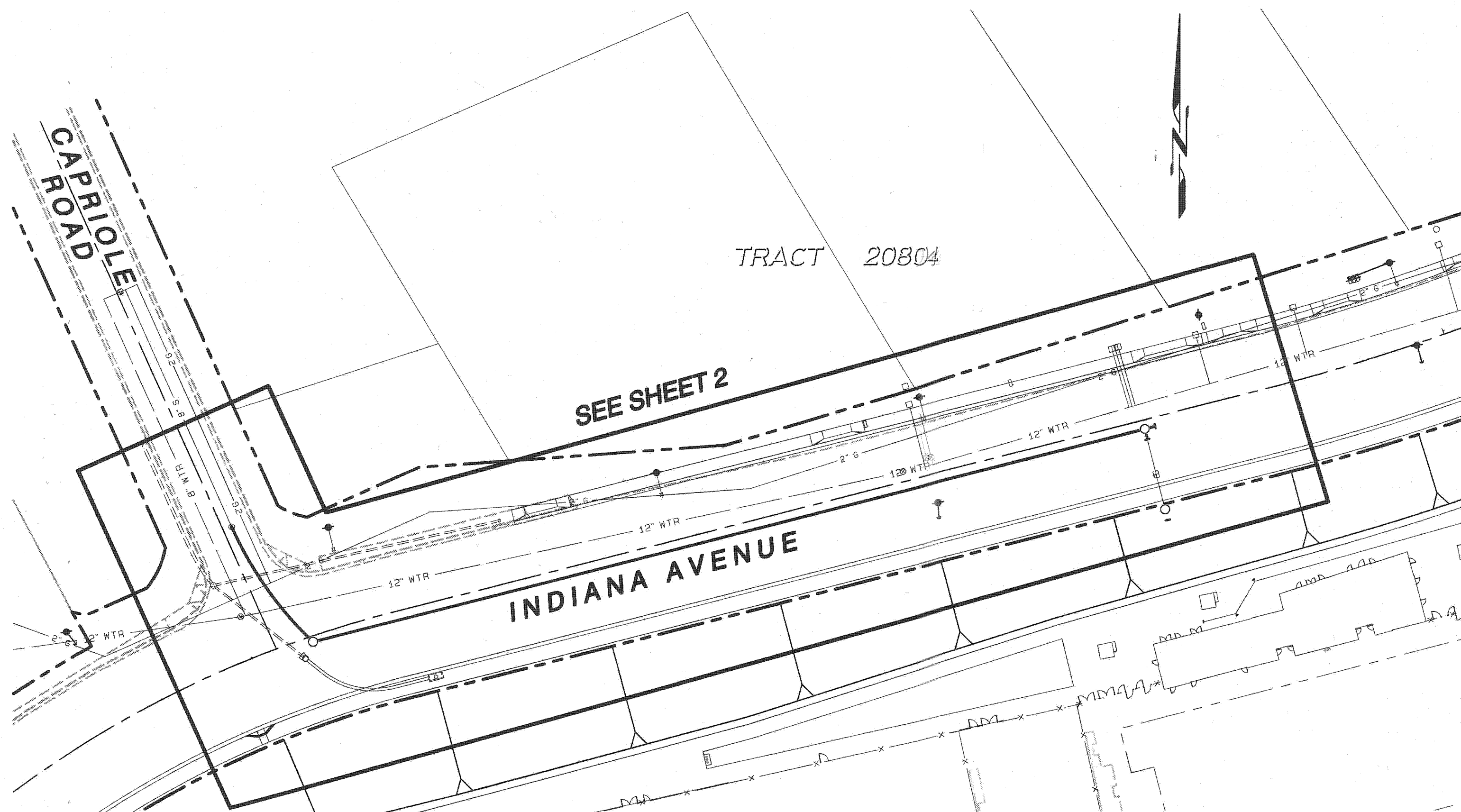
VERTICAL CONTROL: BENCHMARK ELEV=738.410  
 DATUM: 1929 ADJUSTMENT YEAR: 1971

CHEELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVENUE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET.

POINT ID: E2-P2

**BASIS OF BEARING**

THE BASIS OF BEARINGS SHOWN HEREON IS THE CENTERLINE OF PIERCE STREET AS ESTABLISHED BETWEEN FOUND MONUMENTS TAKING AS BEING N33°39'05"W



VICINITY MAP  
NOT TO SCALE

**LEGEND**

- |                       |                             |
|-----------------------|-----------------------------|
| AC ASPHALTIC CONCRETE | ● POWER POLE                |
| C/L CENTERLINE        | ⊙ WATER VALVE               |
| EA EACH               | — GUY WIRE                  |
| EP EDGE OF PAVEMENT   | — STREET LIGHT              |
| EX EXISTING           | ⊕ CONSTRUCTION NOTE         |
| G GAS                 | — EXISTING EDGE OF PAVEMENT |
| LF LINEAR FEET        | — EXISTING CONTOUR          |
| MH MAN-HOLE           | ⊙ AC PAVEMENT               |
| R/W RIGHT OF WAY      |                             |
| ○ MAN-HOLE            |                             |
| ⊕ EX. MANHOLE         |                             |
| ⊙ WATER METER         |                             |
| ⊕ FIRE HYDRANT        |                             |

PROPOSED  
AUSD HIGH SCHOOL No.4

**OWNER / APPLICANT**

ALYORD UNIFIED SCHOOL DISTRICT  
10365 KELLER AVENUE  
RIVERSIDE, CA 92505

**SITE ADDRESS**

11800 INDIANA AVENUE  
RIVERSIDE, CA 92503

**REFERENCE DRAWINGS**

STREET IMPROVEMENT PLAN R-2878, R-3279, R-4088  
SEWER IMPROVEMENT PLAN S-1464  
STORM DRAIN PLAN D-834

**INDEX MAP**

SCALE: 1" = 50'

**CONSTRUCTION NOTES AND QUANTITIES ESTIMATES**

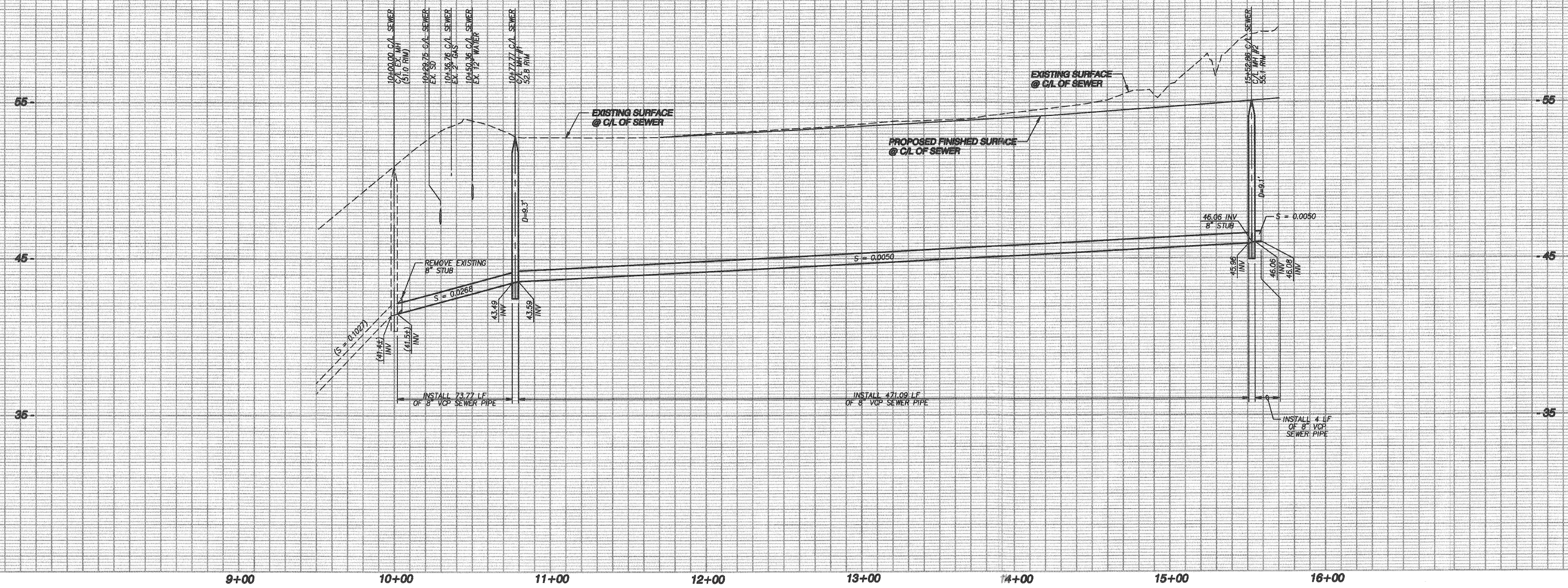
- ① CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY OF RIVERSIDE STD. DWG. 452.....550 LF
- ② CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500.....2 EA
- ③ TRENCH, BACKFILL & PAVEMENT REPLACEMENT PER CITY OF RIVERSIDE STD. DWG. NO. 453.....80 LF

NOTE:  
PIPE JOINTS FOR VCP SHALL BE TYPE "G"  
AS SPECIFIED IN SECTION 208-2.3 OF THE  
STANDARD SPECIFICATIONS.

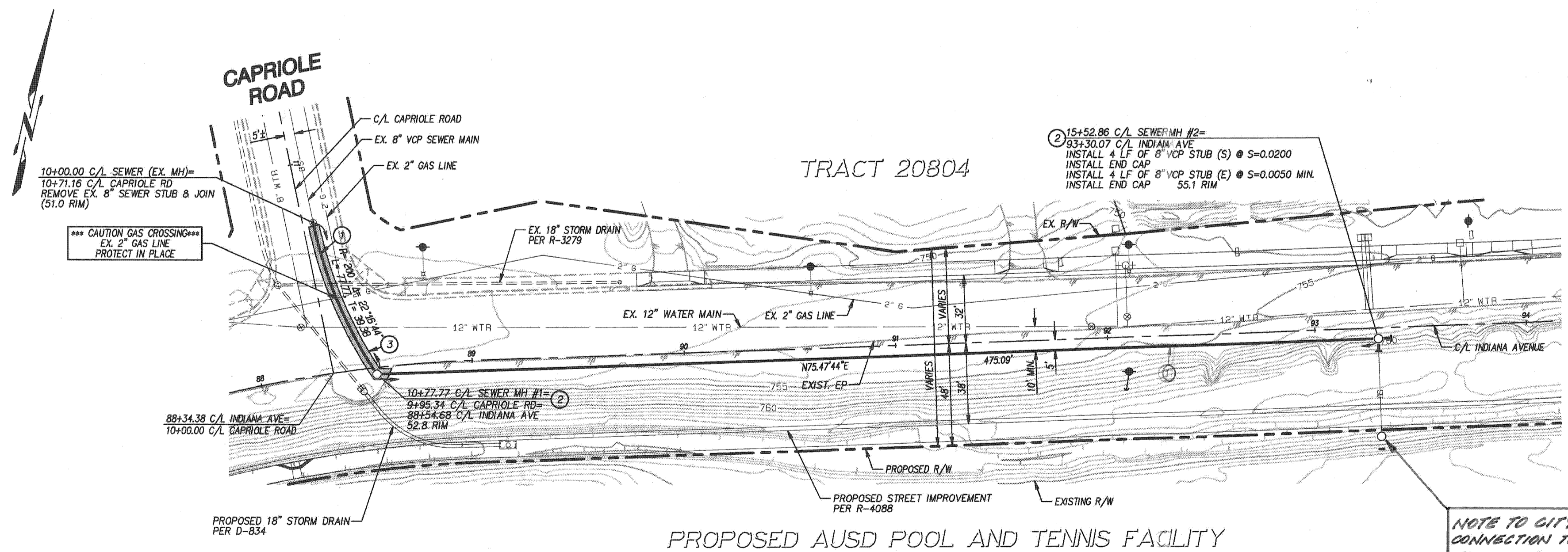
J:\29\_35 AUSD New High School\No. 4\AUSD High No. 4.dwg/11/17/2008

	CITY OF RIVERSIDE PUBLIC UTILITIES - WATER DIVISION  APPROVED BY: <i>[Signature]</i> DATE: 11/20/08		<b>EPIC ENGINEERS</b> CIVIL ENGINEERING AND SURVEYING 101 E. REDLANDS BOULEVARD SUITE 146 REDLANDS, CA 92373 TELE 909-792-5999 FAX 909-792-5889  CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 8/19/2009	<b>CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT</b> APPROVED BY: <i>[Signature]</i> DATE: 11/19/08 PRINCIPAL ENGINEER	APPROVED BY: <i>[Signature]</i> CITY ENGINEER DATE: 11/19/08	ACCOUNT NO. PW 07-0290 CITY DEED #  <b>S-2024</b>  SHEET 1 OF 2 EPIC WORK ORDER: 29-32
				<b>SEWER IMPROVEMENT PLAN TITLE SHEET INDIANA AVE. AND CAPRIOLE RD. AT AUSD HIGH SCHOOL No. 4</b>		

CONTRACTOR IS TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION



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

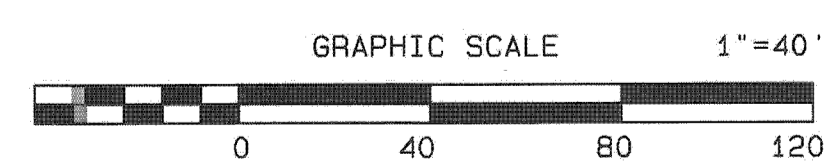


NOTE TO CITY INSPECTOR:  
CONNECTION TO THE CITY SEWER SYSTEM REQUIRES THE SCHOOL DISTRICT TO CONSTRUCT AN ONEITE 500 GALLON POOL BACKWASH TANK WITH A MAXIMUM OUTFLOW OF 150 GPM. PROOF OF THIS INSTALLATION OF THE TANK WILL BE REQUIRED TO BE SUBMITTED TO THE CITY OF RIVERSIDE, PUBLIC WORKS DEPARTMENT FOR FINAL APPROVAL OF THE SEWER FACILITIES.

CONSTRUCTION NOTES

- 1 CONSTRUCT 8" V.C.P. SEWER WITH CASE III BEDDING PER CITY OF RIVERSIDE STD. DWG. 452
- 2 CONSTRUCT MANHOLE PER CITY OF RIVERSIDE STD. DWG. NO. 500
- 3 TRENCH, BACKFILL & PAVEMENT REPLACEMENT PER CITY OF RIVERSIDE STD. DWG. NO. 453

# INDIANA AVENUE



J:\99\_32\_AUSD New High School No. 4\AUSD High No. 4.prw\11/17/2009

**DIGALERT**  
TWO WORKING DAYS BEFORE YOU DIG  
A PUBLIC SERVICE BY UNDERGROUND SERVICE ALERT  
1-800-227-8800

CITY OF RIVERSIDE  
PUBLIC UTILITIES - WATER DIVISION  
APPROVED BY: *MW M...* DATE: 11/26/09

REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 53854  
Exp. 11-30-12

**EPIC ENGINEERS**  
CIVIL ENGINEERING PLANNING LAND SURVEYING CONSTRUCTION MANAGEMENT  
101 E. REDLANDS BOULEVARD SUITE 140 REDLANDS, CA 92373  
TELE 909-792-6989 FAX 909-792-6986  
CITY OF RIVERSIDE BUSINESS LICENSE NO. 0074601 EXP. 9/19/2009

MARK	REVISIONS	APPROVED DATE	APPROVED DATE

DESIGNED BY: *BAR* DRAWN BY: *RM* CHECKED BY: *BAR* DESIGN ENGR. CITY ENGR.

**CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT**

APPROVED BY	DATE	BY	APPROVED BY

CITY ENGINEER DATE: *11/26/09*

SEWER IMPROVEMENT PLAN  
INDIANA AVE. AND CAPRIOLE RD.  
AT  
AUSD HIGH SCHOOL No. 4

PW 07-0280  
ACCOUNT NO. CITY DEED #  
**S-2024**  
SHEET 2 OF 2  
EPIC WORK ORDER: 29.32