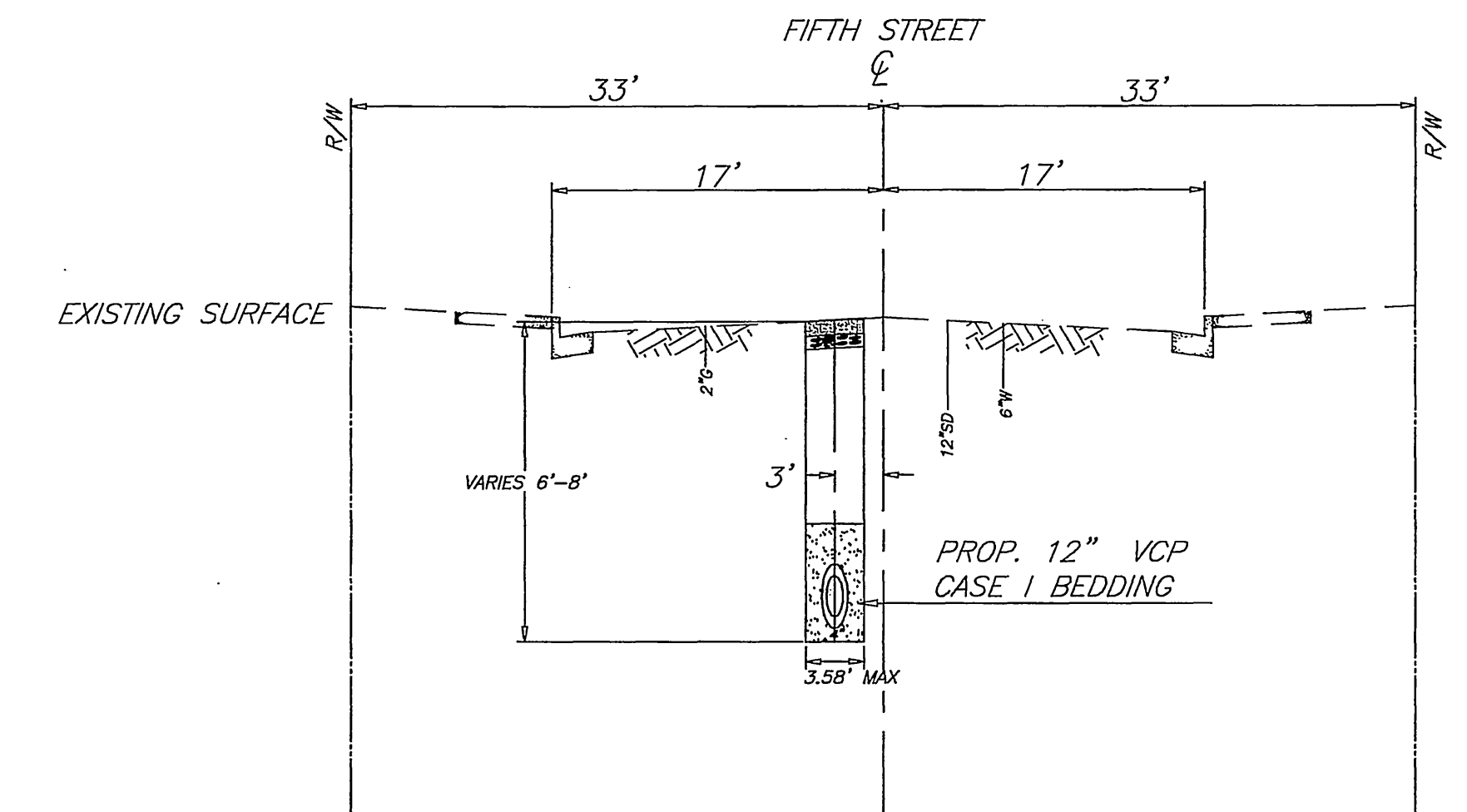
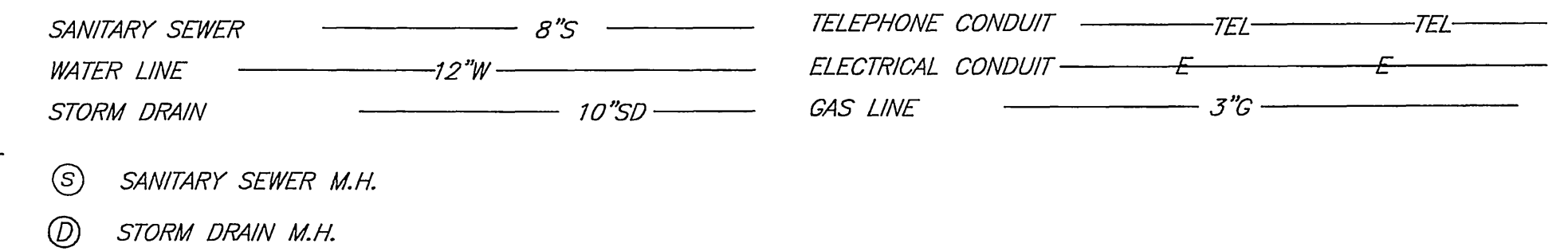
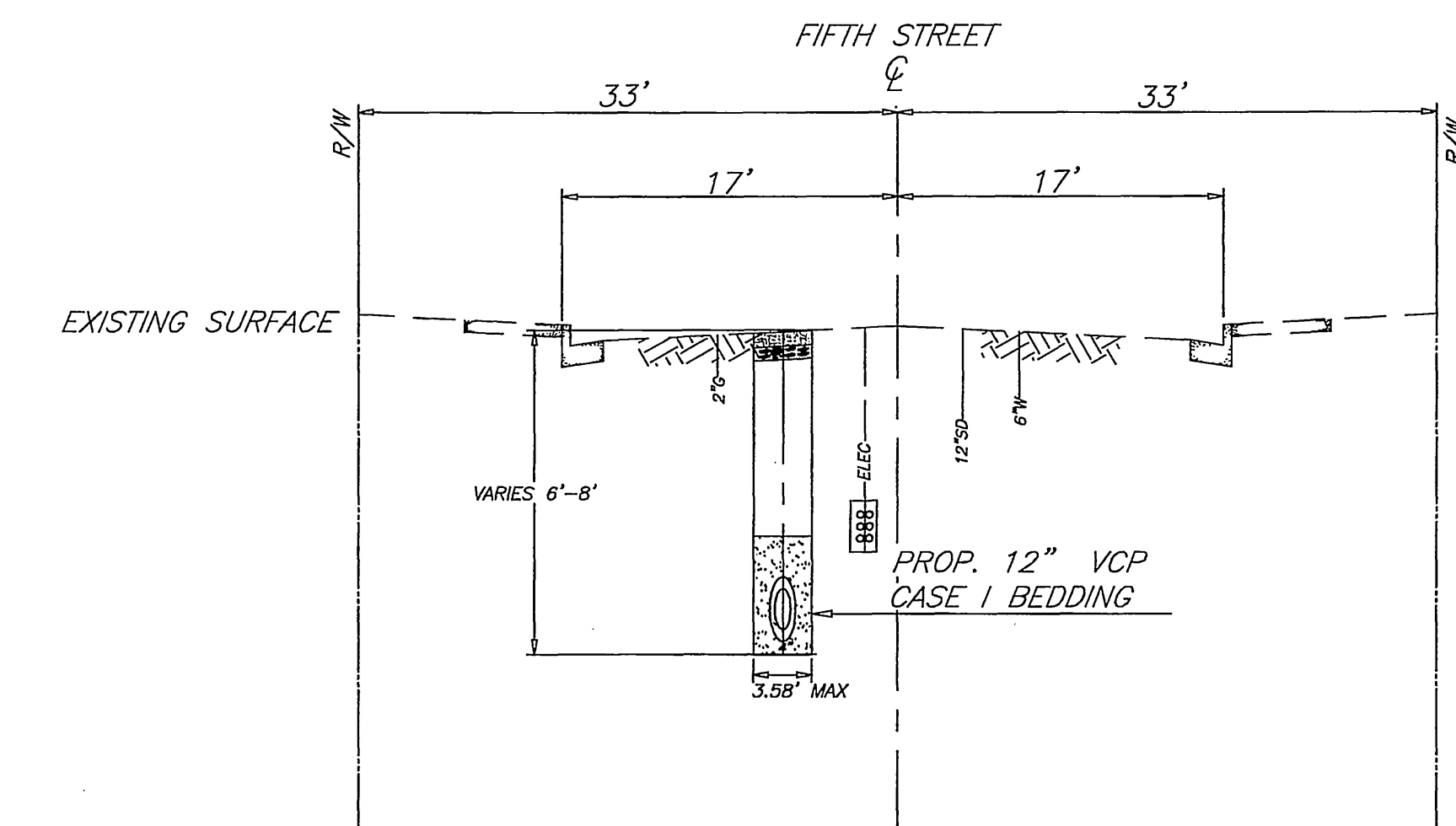


EXISTING UNDERGROUND & TOPOGRAPHY LEGEND

EXISTING UNDERGROUND UTILITIES:



Station 10+28.63 to 15+39.27 and  
Station 18+44.82 to 25+65.81



Station 16+00.09 to 18+02.31

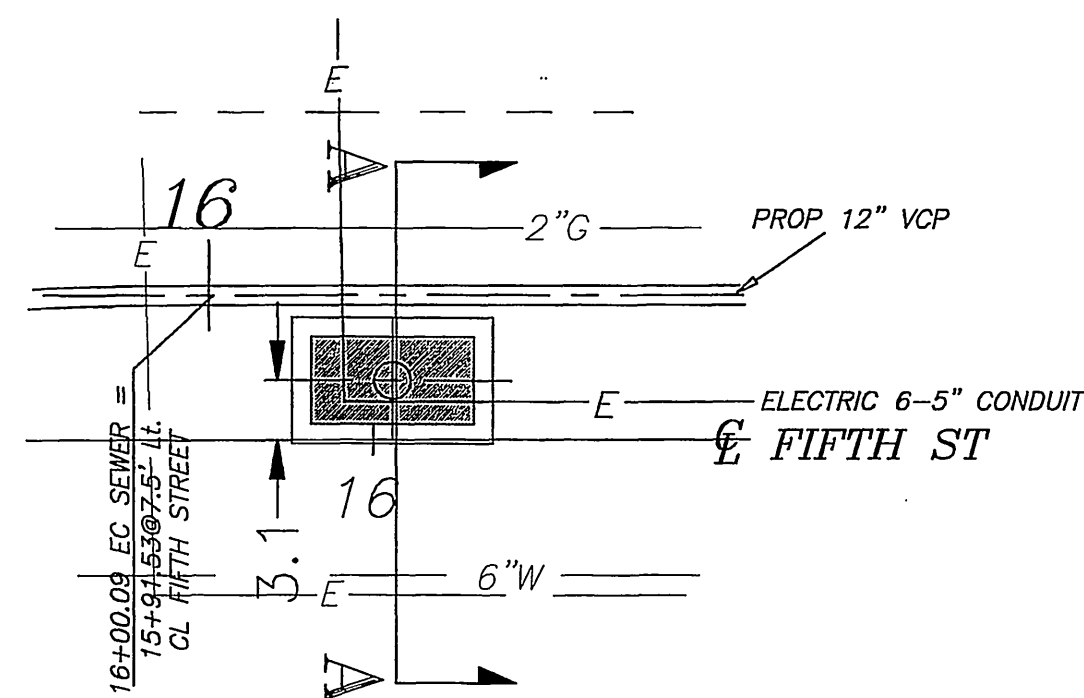
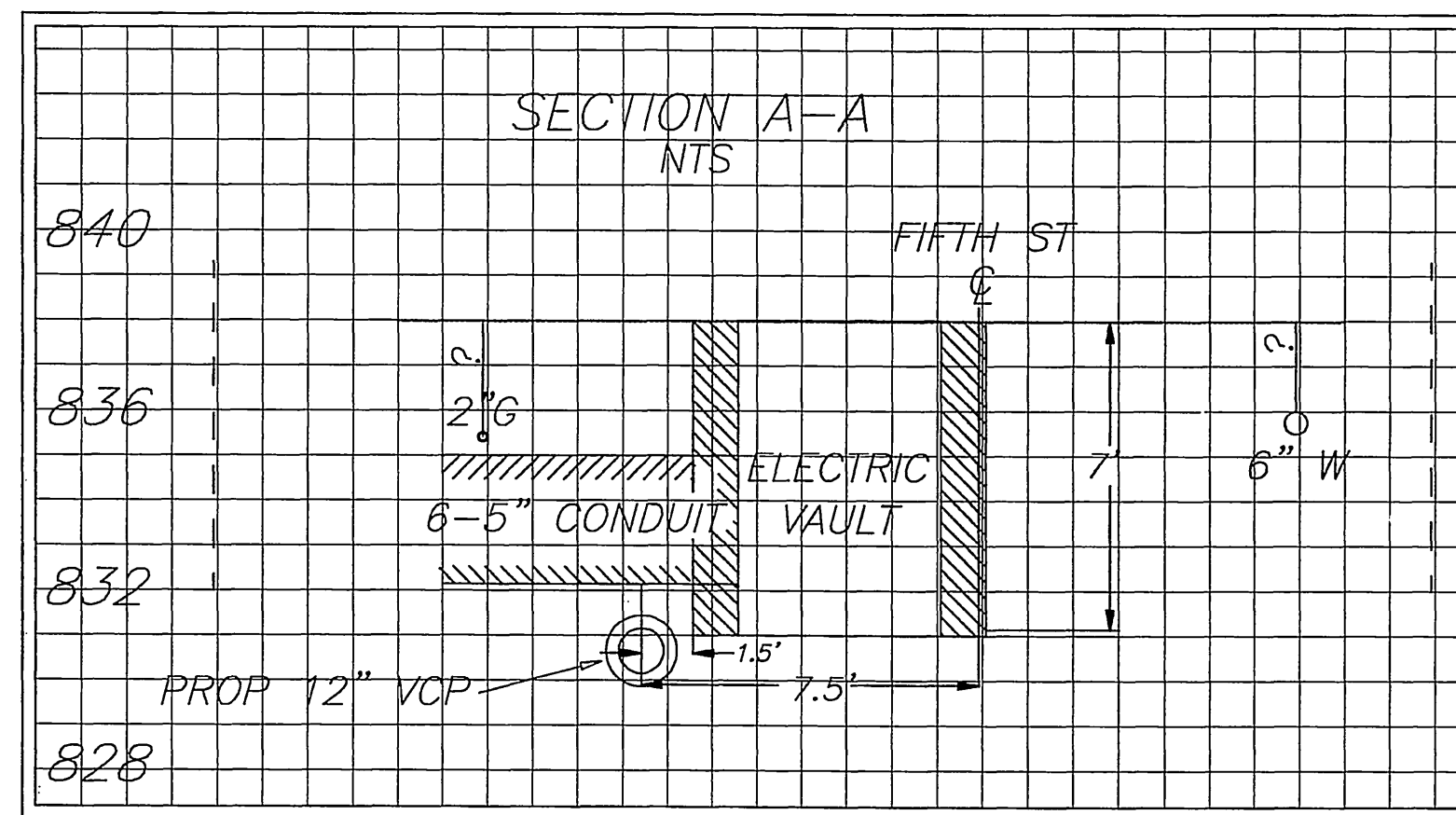
TYPICAL SECTIONS  
PROP. 12" SEWER IN  
FIFTH STREET  
NTS

GENERAL NOTES

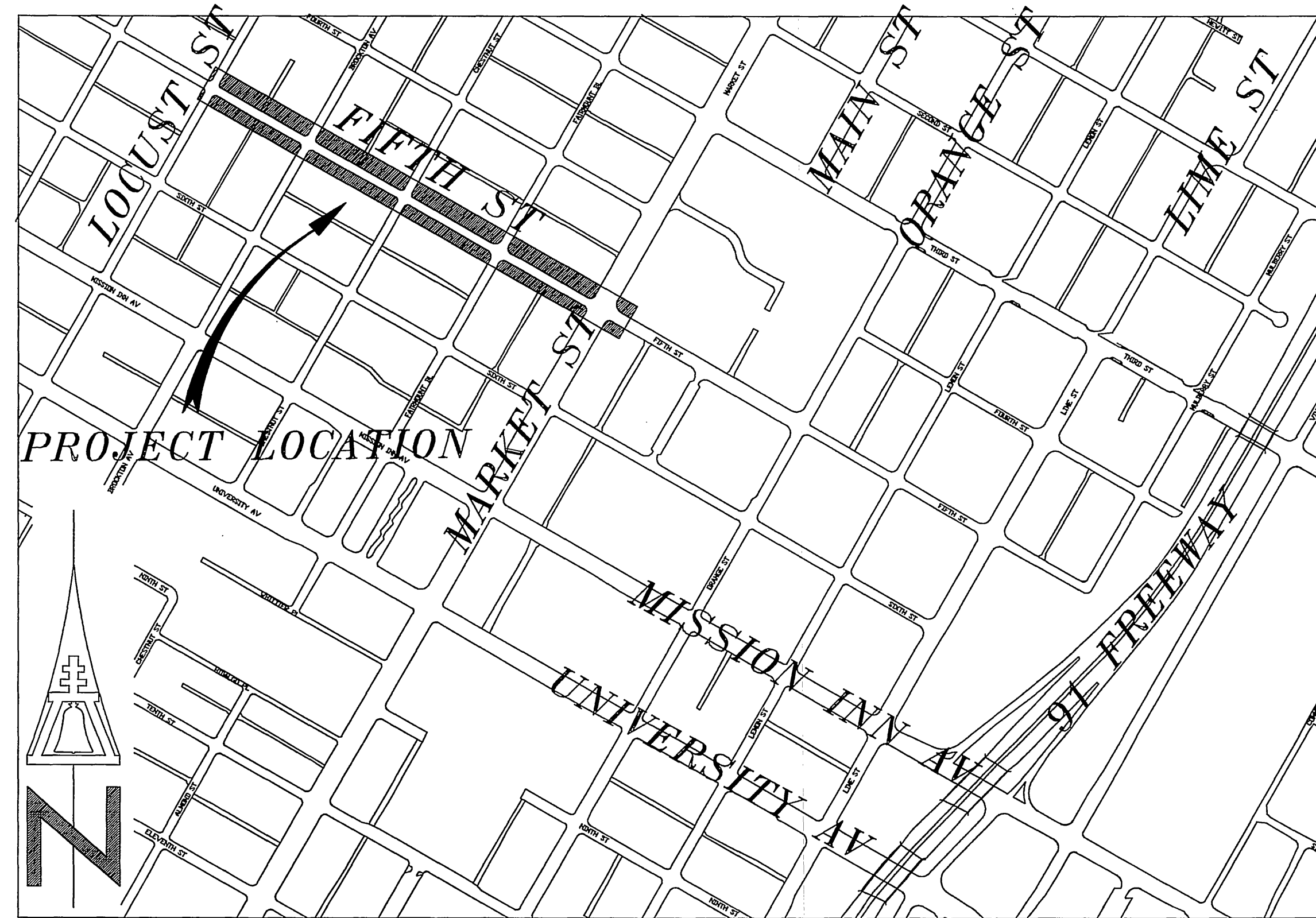
- 1). CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 2003 EDITION.
- 2). EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM PUBLIC RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN.
- 3). CONTRACTOR SHALL POT-HOLE AND VERIFY ALL LOCATIONS AND ELEVATIONS OF UTILITIES PRIOR TO THE START OF CONSTRUCTION TO ELIMINATE INTERFERENCE WITH NEW CONSTRUCTION.
- 3). PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A, C-34 OR C-42" LICENSE.
- 4). ALL ELEVATIONS SHOWN ON THIS PLAN SHALL BE STAKED IN THE FIELD.
- 5). BACKFILLING OF TRENCH AND PAVEMENT REPLACEMENT SHALL BE DONE PER CITY OF RIVERSIDE STANDARD DRAWING 453.

SPECIFIC CONSTRUCTION NOTES

- 1) ABANDON EXISTING SEWER IN PLACE
- 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.



DETAIL "A"  
NTS



PROJECT LOCATION MAP  
NTS

**IMPORTANT NOTICE**  
Section 4216/4217 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 I.D. Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**BENCHMARK 17-S3**  
P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AND SOUTHWEST CORNER OF ORANGE STREET AND THIRD STREET. ADJUSTED AND ENTERED: MAY 1997  
ELEVATION 852.637

**ENGINEER IN RESPONSIBLE CHARGE**  
LAUREN F. CALDWELL  
R.C.E. No. 39441 expires 12/31/05  
DATE 2/24/2004

REGISTERED PROFESSIONAL ENGINEER  
LAUREN F. CALDWELL  
No. 39441  
Exp. 12-31-2005  
CIVIL  
STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE

DESIGNED BY MLAMPING DRAWN BY MLAMPING CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER			
INSPECTOR IN CHARGE			
SUPERVISOR			

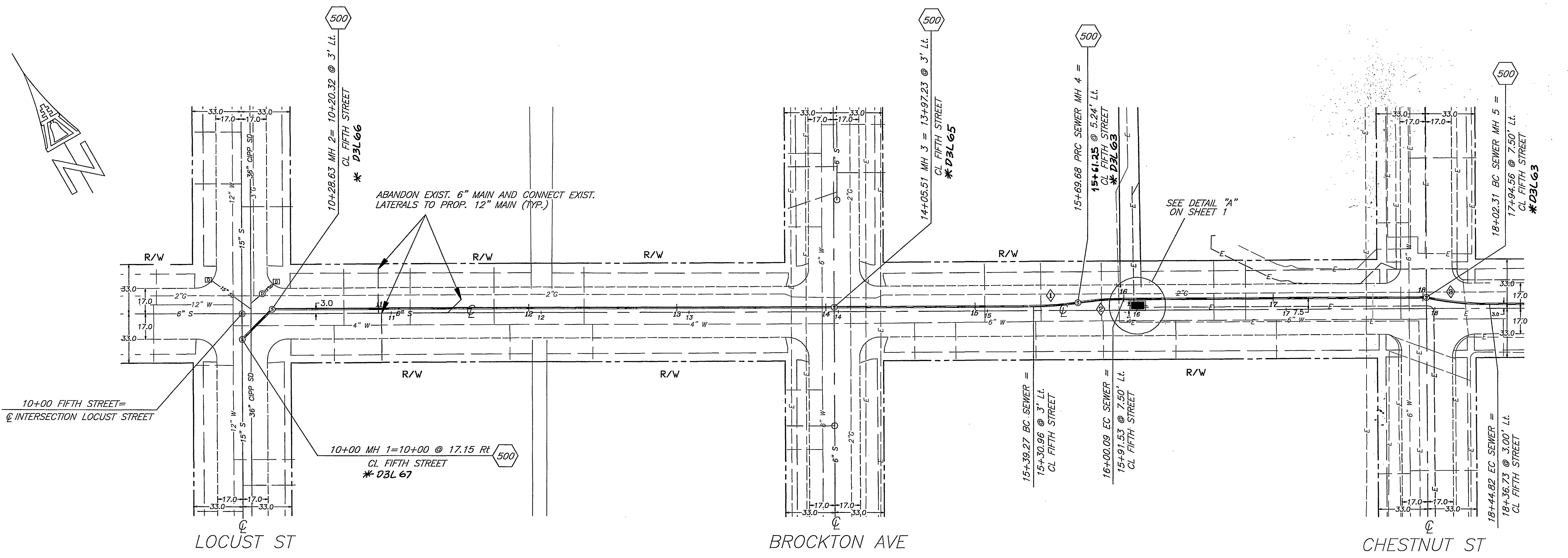
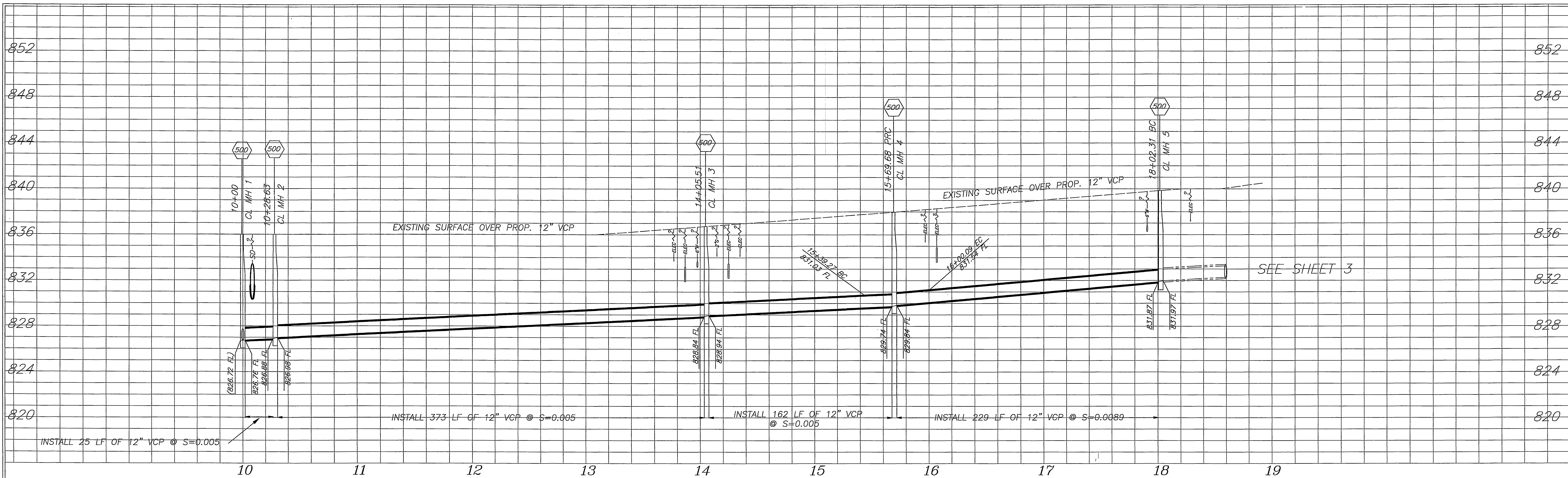
DATE 2/24/04

\* AS-BUILT 9-28-05 LFL

FIFTH STREET  
SEWER  
LOCUST STREET TO MARKET STREET

SCALE: AS SHOWN

ACC No. 9766823203-440301XX  
S-1820  
SHEET 1 OF 3  
INDEXED 7-15-04 LFL



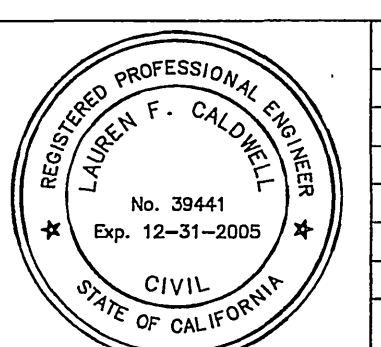
CURVE DATA

①	△	8°42'46"
	R	200'
②	L	30.41'
	T	15.24'
③	△	12°10'38"
	R	200'
	L	42.51'
	T	21.33'

**BENCHMARK**  
 17-S3 P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AND THE SOUTHWEST CORNER OF ORANGE STREET AND THIRD STREET. ADJUSTED AND ENTERED: MAY 1997  
 ELEV- 852.637

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**ENGINEER IN RESPONSIBLE CHARGE**  
 LAUREN F. CALDWELL  
 R.C.E. No. 39441 expires 12/31/05  
 DATE 2/24/04



DESIGNED BY MLAMPING DRAWN BY MLAMPING CHECKED BY

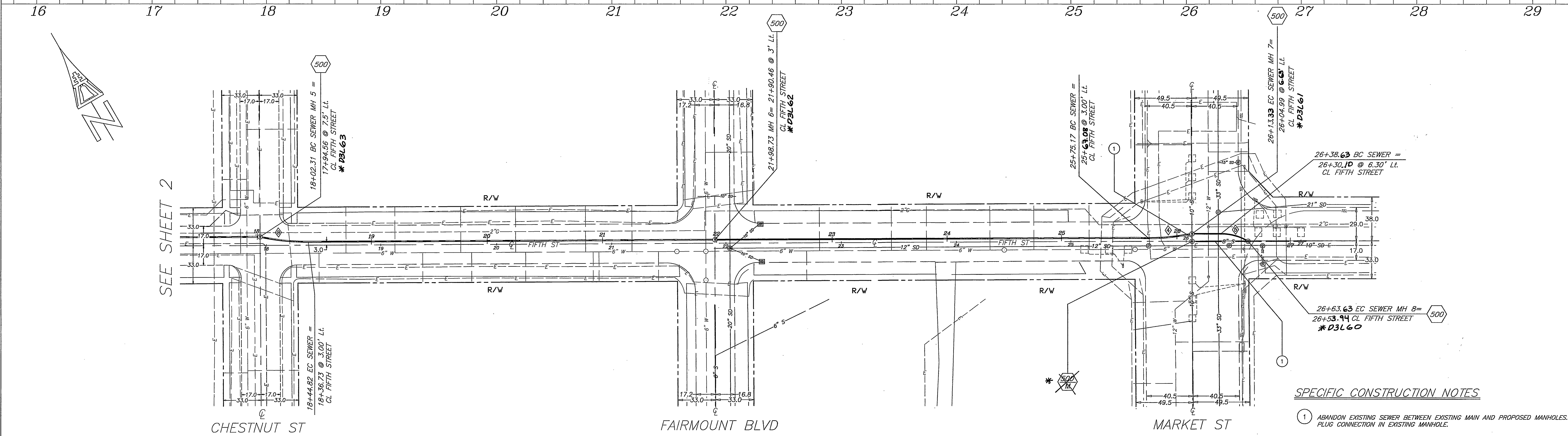
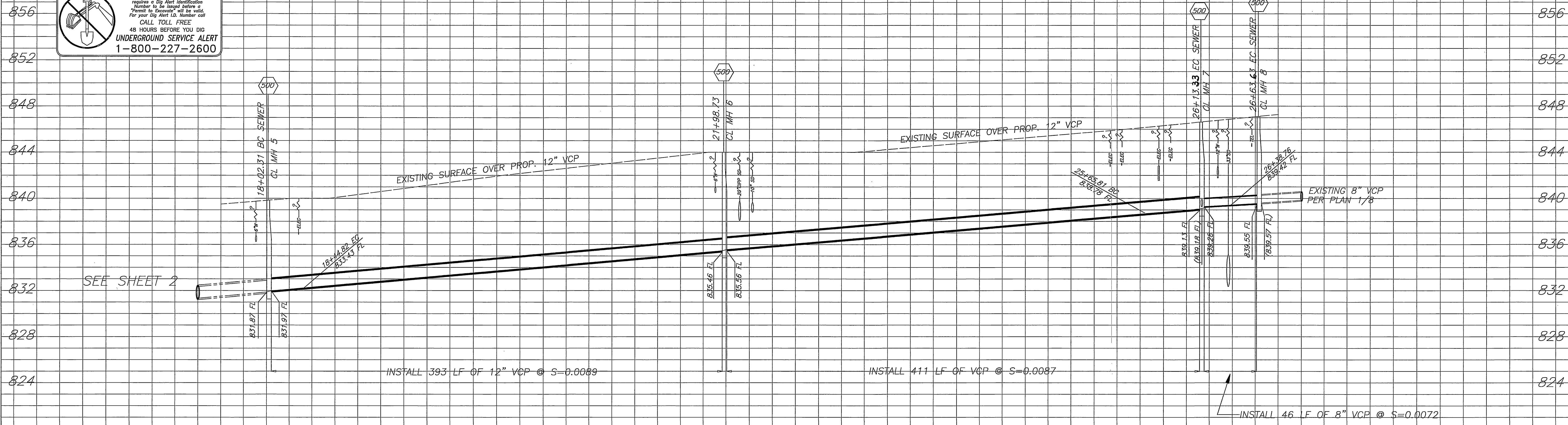
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	PL	2/24/04	LAUREN F. CALDWELL
INSPECTION	CS	2/24/04	CITY ENGINEER
SURVEYOR	CS	2/24/04	DATE 2/24/04

\*AS-BUILT 9-28-05 LHM  
**FIFTH STREET SEWER**  
 LOCUST STREET TO MARKET STREET  
 S-1820  
 HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'  
 SHEET 2 OF 3  
 INDEXED 7-15-04 LHM

**IMPORTANT NOTICE**  
 Section 4216/4217 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 I.D. Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600



**SPECIFIC CONSTRUCTION NOTES**

1 ABANDON EXISTING SEWER BETWEEN EXISTING MAIN AND PROPOSED MANHOLES. PLUG CONNECTION IN EXISTING MANHOLE.

NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFERRING 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.

\* ~~D3L60~~ RECONSTRUCT MANHOLE - NO DAMAGE FOUND, NOT RECONSTRUCTED

\* A5-BUILT 9-28-05 Lft

**CURVE DATA**

△	12°10'38"	10°55'58"	31°8'38"
R	200'	200'	46'
L	42.51'	38.16'	25.00'
T	21.33'	19.14'	12.82'

**BENCHMARK**

17-S3 P.K. NAIL AND CITY ENGINEER TAG IN THE BACK OF A CATCH BASIN ALONG THE WESTERLY CURB OF ORANGE STREET AND THE SOUTHWEST CORNER OF ORANGE STREET ANF THIRD STREET. ADJUSTED AND ENTERED: MAY 1997.

ELEV= 852.637

**ENGINEER IN RESPONSIBLE CHARGE**

*Lauren F. Caldwell*

LAUREN F. CALDWELL  
 R.C.E. No. 39441 expires 12/31/05  
 DATE 2/24/09

REGISTERED PROFESSIONAL ENGINEER  
 LAUREN F. CALDWELL  
 No. 39441  
 Exp. 12-31-2008  
 CIVIL  
 STATE OF CALIFORNIA

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

APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>[Signature]</i>	2/24/09	<i>[Signature]</i>
INSPECTION	<i>[Signature]</i>	2/24/09	CITY ENGINEER
SURVEYOR	<i>[Signature]</i>	2/24/09	

DESIGNED BY MLAMPING DRAWN BY MLAMPING CHECKED BY

**FIFTH STREET  
 SEWER  
 LOCUST STREET TO MARKET STREET**

ACC. No. 9766823203-440301XX

S-1820

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

SHEET 3 OF 3

INDEXED 7-15-04 Lft