

GENERAL NOTES

1. 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.
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 DEPT. OF PUBLIC WORKS, STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
4. CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
5. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
6. 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 OF RIVERSIDE.
7. 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.
8. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
9. THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 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.
10. 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.
11. NOTICE TO CONTRACTOR. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF 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 PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
15. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL POTHOLE ALL UTILITY CROSSING AND CONNECTIONS AND VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES AFFECTED. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BEFORE CONSTRUCTION BEGINS.
16. 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.
17. ON ALL AREAS WITHIN PUBLIC RIGHT-OF-WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.

LEGEND

- PROPOSED VCP SEWER MAIN
- PROPOSED SEWER MANHOLE
- ▨ PROPOSED STEEL CASING
- - - - - EXISTING SEWER
- ⊙ - - - - - EXISTING SEWER MANHOLE

CONSTRUCTION NOTES	QNTY	UNITS
1) CONSTRUCT 10" VCP SEWER MAIN.	1,008	LF
2) CONSTRUCT 48" SEWER MANHOLE PER CITY OF RIV. STD. DWG No. 500.	8	EA
3) JOIN EXIST. SEWER MANHOLE/ SEWER MAIN (RE-CONTOUR BOTTOM)	2	EA
4) INSTALL 8" END CAP.	1	EA
5) JACKED 30" STEEL CASING PER DETAIL ON SHEET 3.	165	LF
6) CONSTRUCT 60" SEWER MANHOLE PER CITY OF RIV. STD. DWG No. 500.	2	EA
7) INSTALL 30" STEEL CASING PER DETAIL ON SHEET 3.	36	LF
8) CONSTRUCT 8" VCP SEWER MAIN.	967	LF
9) INSTALL SEWER MH ON EXIST 16" SEWER LINE PER CITY OR RIV. DWG NO. 500	1	EA
10) INSTALL 8" D.I.P. CL 350 AWWA C-151 CWD-040	20	LF

PUBLIC UTILITIES DEPARTMENT
WATER DIVISION

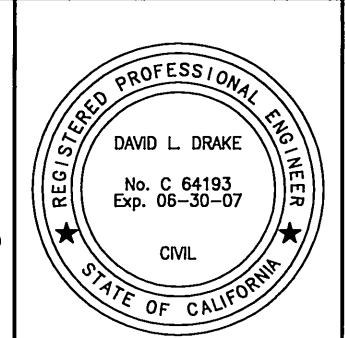
APR/May 12/14/05
APPROVED BY DATE

Underground Service Alert
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1 - 800
227-2600

TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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PREPARED UNDER THE DIRECTION OF:

[Signature]

REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE: 08-30-07 DATE: 12-12-05

CEG CANTY ENGINEERING GROUP, INC.
CIVIL ENGINEERING - PLANNING - SURVEYING
2010 IOWA AVENUE, SUITE 110, RIVERSIDE, CA 92507
P.O. BOX 52050, RIVERSIDE, CA 92517
TEL (951) 683-5234 FAX (951) 683-5301
CITY OF RIVERSIDE TAX CERT NO: 86372 EXP: 4-7-06

SCALE: AS NOTED BENCH MARK
DATE: DECEMBER 2005

SEE ABOVE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *[Signature]* DATE: 12/14/05
PRINCIPAL ENGR.

APPROVED BY: *[Signature]* DATE: 12/14/05
CITY ENGINEER

DESIGNED BY: DD DRAWN BY: CA CHECKED BY: _____

IN THE CITY OF RIVERSIDE, CALIFORNIA
SEWER IMPROVEMENT PLANS
LA SIERRA AVENUE FROM
BNSF TO INDIANA AVENUE
INDIANA AVENUE FROM
LA SIERRA TO 650' N'LY
TITLE SHEET

FOR: GRIFFIN INDUSTRIES

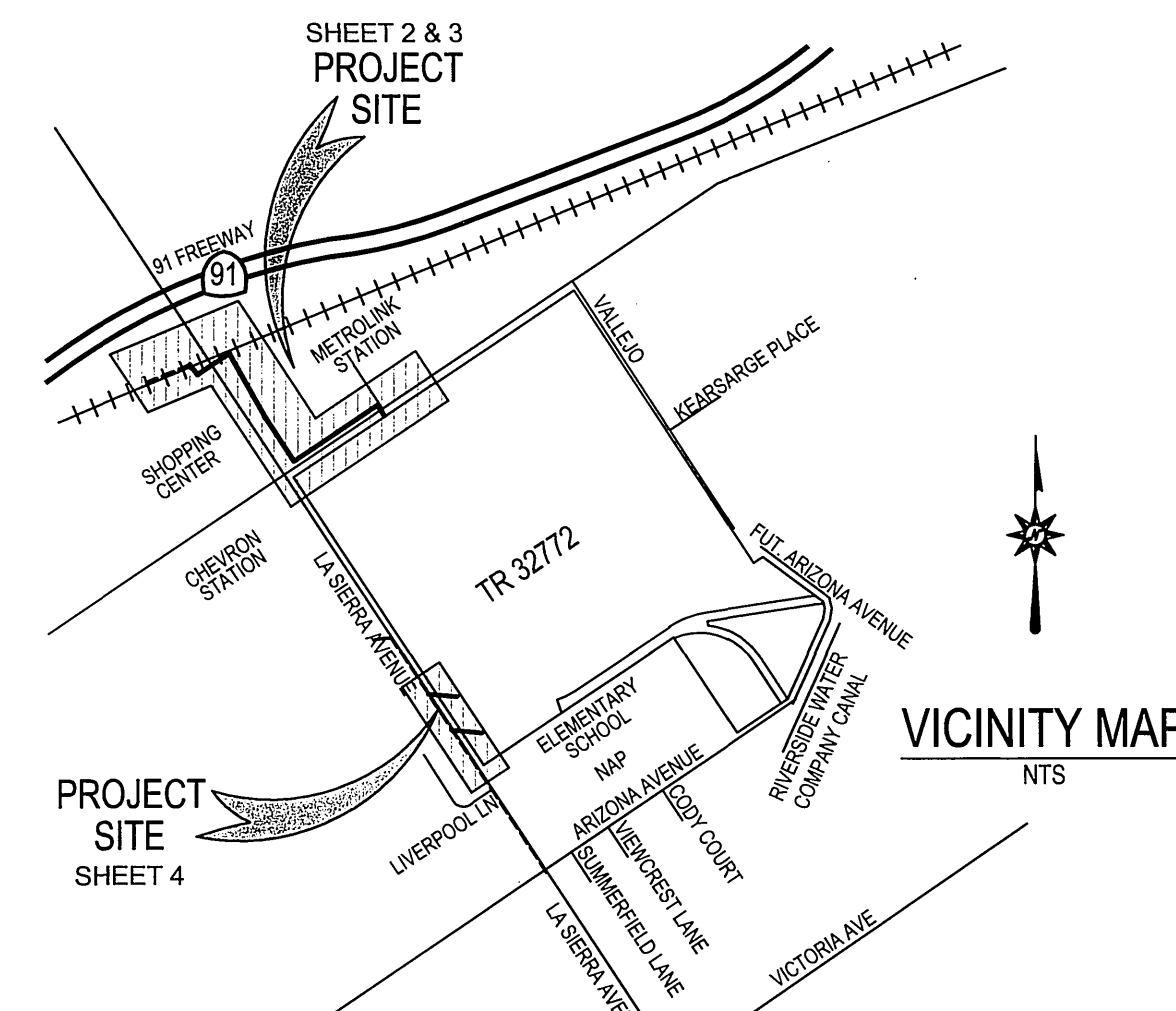
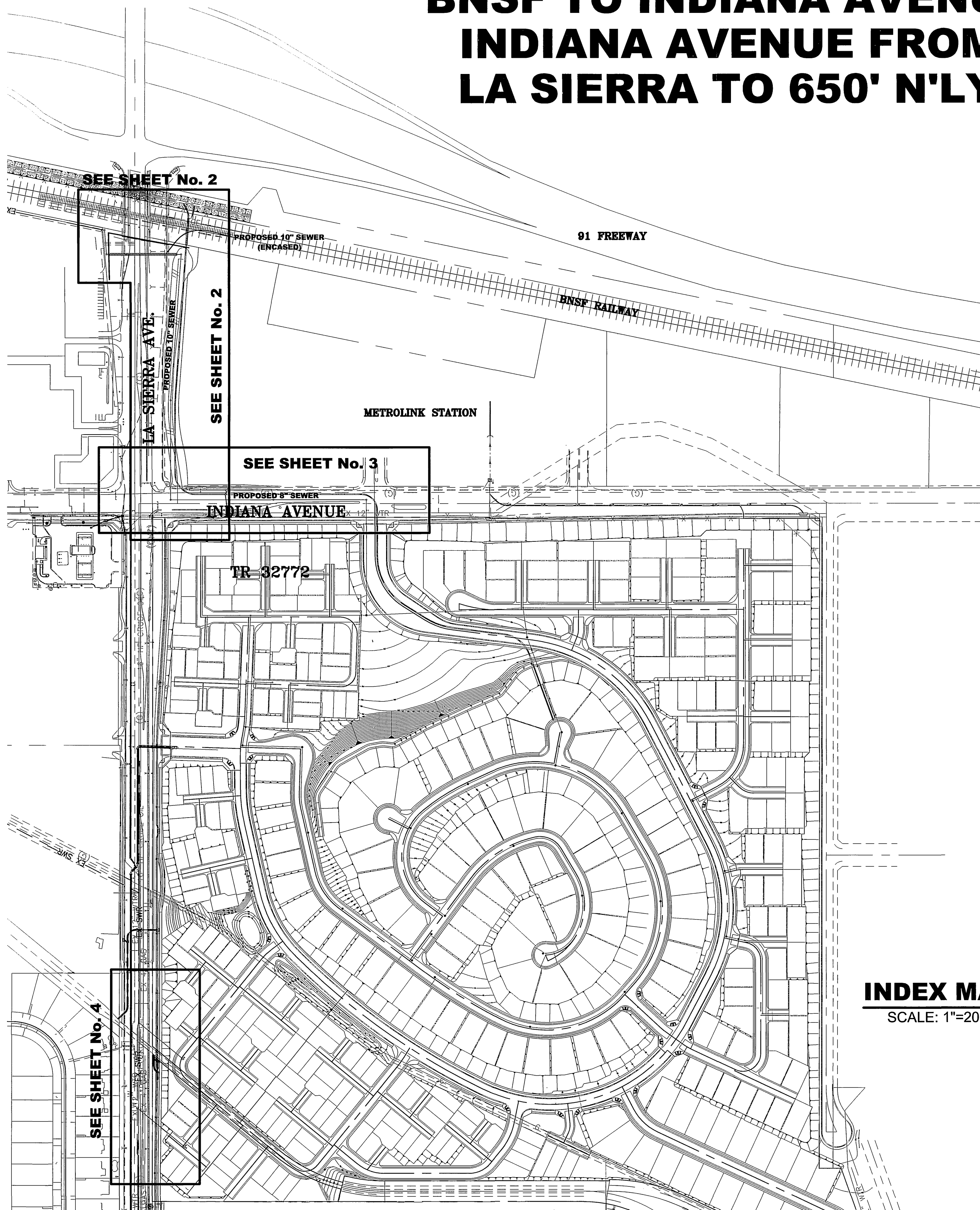
PW05-0590

S-1933

SHEET 1 OF 4

FILE NO.: 1104-007

IN THE CITY OF RIVERSIDE, CALIFORNIA
SEWER IMPROVEMENT PLANS
LA SIERRA AVENUE FROM
BNSF TO INDIANA AVENUE
INDIANA AVENUE FROM
LA SIERRA TO 650' N'LY



DEVELOPER/APPLICANT
THE GRIFFIN HOMEBUILDING GROUP, LLC
4710 RIVERWALK PARKWAY
RIVERSIDE, CA 92505
PHONE: (951) 509-8622

OWNER
RIVERSIDE COMMUNITY COLLEGE
4500 MAGNOLIA AVE
RIVERSIDE, CA 92506
PHONE: (951) 222-8044
FAX: (951) 222-8035

ENGINEER
CANTY ENGINEERING GROUP, INC.
2010 IOWA AVENUE, SUITE 110
RIVERSIDE, CA 92507
PHONE: (951) 683-5234
FAX: (951) 683-5301

SOURCE OF TOPOGRAPHY
INLAND AERIAL SURVEYS INC. DATE: 06/13/2003

PROJECT AREA:
96.2 ACRES

BASIS OF BEARING
BEARINGS ARE BASED ON THE CENTERLINE OF LA SIERRA AVE AS BEING N33°37'19"N, AS SHOWN ON RECORD OF SURVEY ON FILE IN BOOK 80 AT PAGES 72 THROUGH 77 THERE OF, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

LEGAL DESCRIPTION
BEING A SUBDIVISION OF LOTS 1 THROUGH 3, 8 THROUGH 29, A PORTION OF LOTS 4 THROUGH 7 AND LOTS A,C,D,E AND F OF VALLEY VIEW FARMS PER M.B.11/58, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA, ALSO A PORTION OF LOTS 5,9 THROUGH 12, 15 AND 16 IN BLOCK 38 OF THE LANDS OF THE RIVERSIDE LAND AND IRRIGATION COMPANY PER M.B. 1/70 SAN BERNARDINO COUNTY, CALIFORNIA.

ASSESSOR'S PARCEL No.:
138-120-005, 138-130-004, 138-130-010, 138-120-007, 138-130-009, 138-170-008, 009, 010 & 011

SITE ADDRESS:
LA SIERRA AVE. & INDIANA AVE.

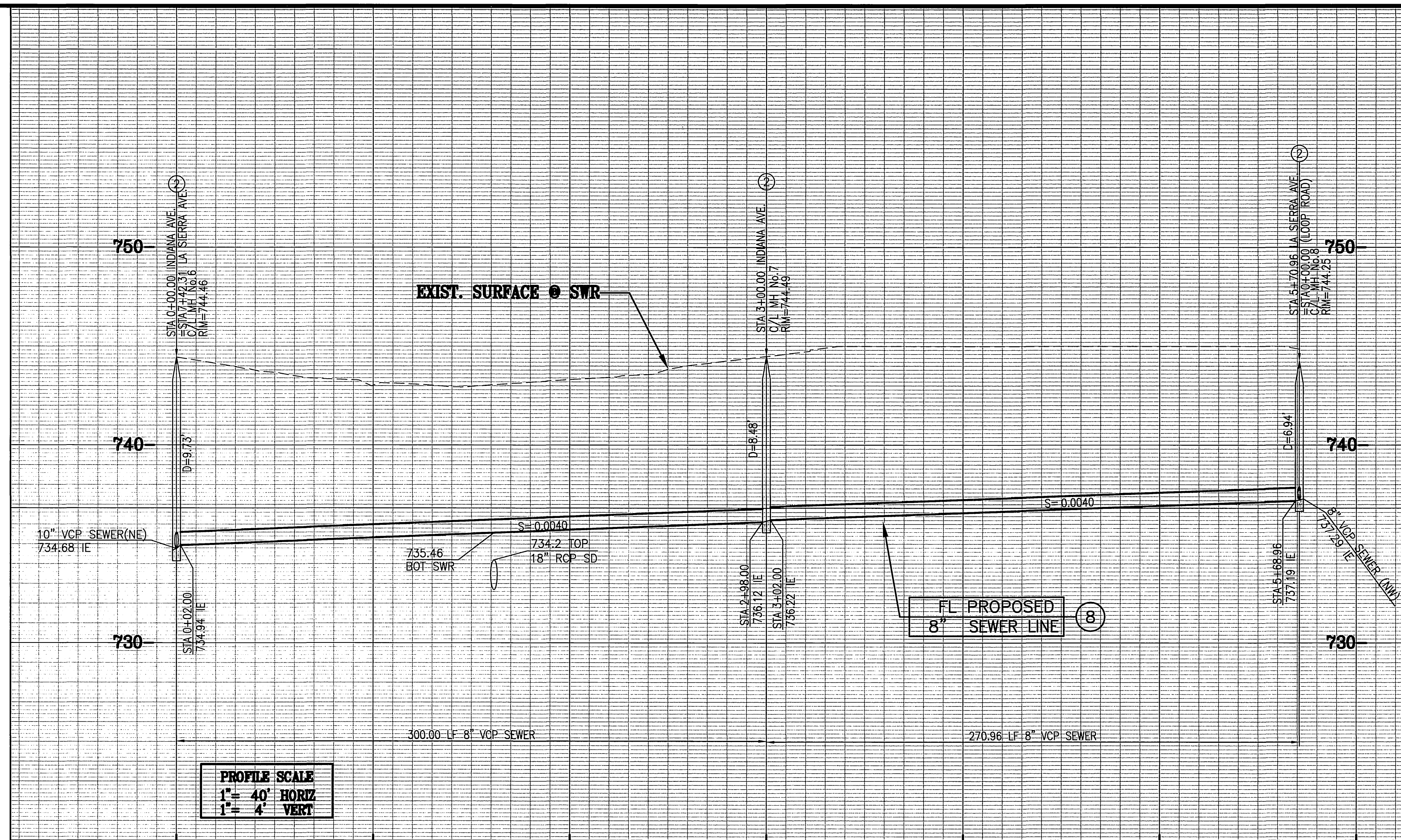
THOMAS BROTHERS
PAGE 714, GRID F2 & G2 (2004 EDITION)

FLOOD PLAIN DESIGNATION
FLOOD INSURANCE RATE MAP (FIRM)
ZONES B & C
SCHOOL DISTRICT
ALVORD UNIFIED SCHOOL DISTRICT

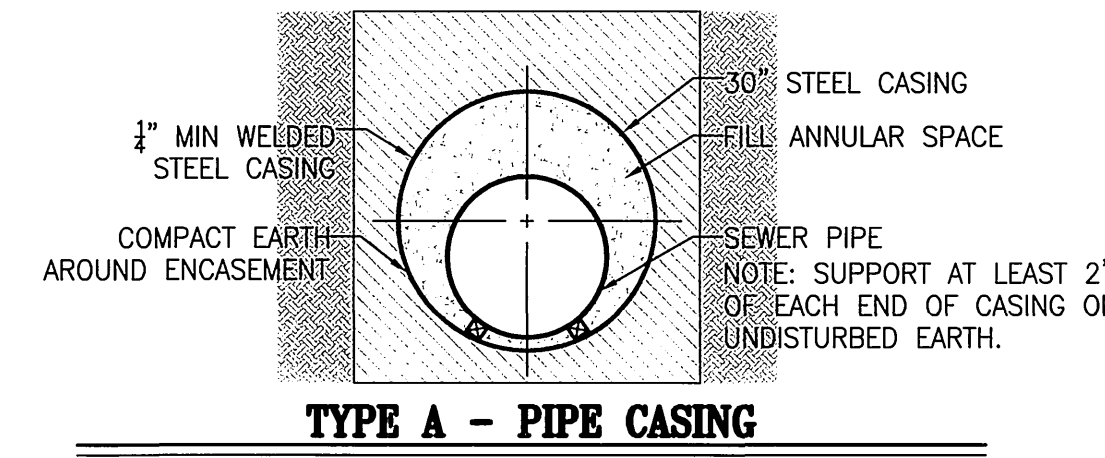
UTILITIES
WATER: CITY OF RIVERSIDE
SEWER: CITY OF RIVERSIDE
GAS: SOUTHERN CALIFORNIA GAS COMPANY
ELECTRIC: CITY OF RIVERSIDE
TELEPHONE: SBC

BENCHMARK: E2-P2
CHISELED SQUARE ON THE TOP OF CURB AT THE WESTERLY END OF A CATCH BASIN FRONTING THE SOUTHERLY CURB OF INDIANA AVE AT THE SOUTHEAST CORNER OF INDIANA AVENUE AND FILLMORE STREET.
ELEV=738.410

INDEX MAP
SCALE: 1"=200'

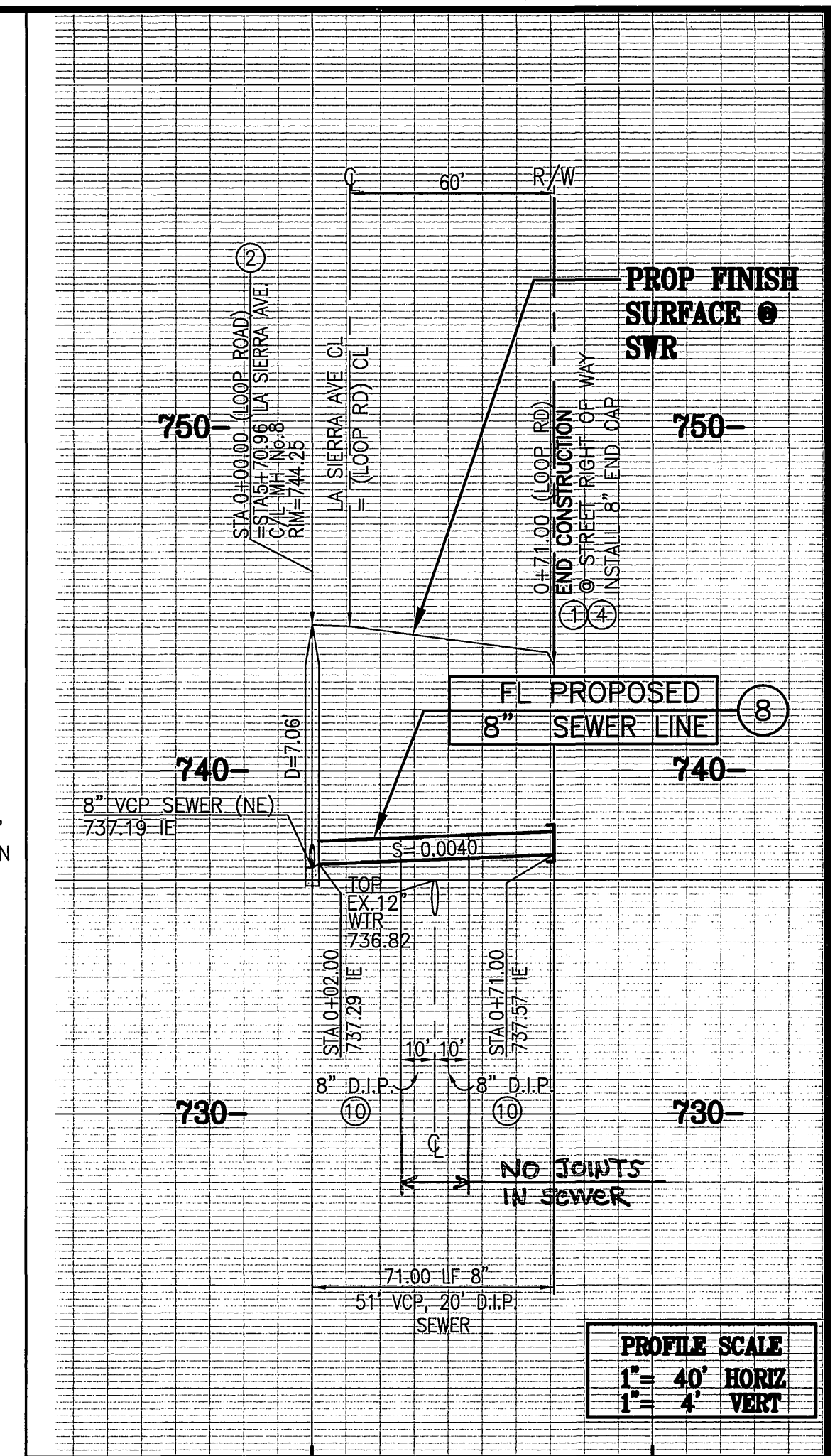


PROFILE SCALE
1" = 40' HORIZ
1" = 4' VERT

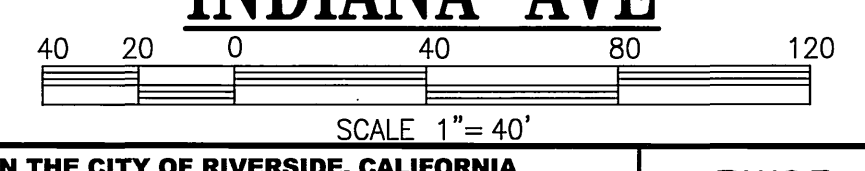
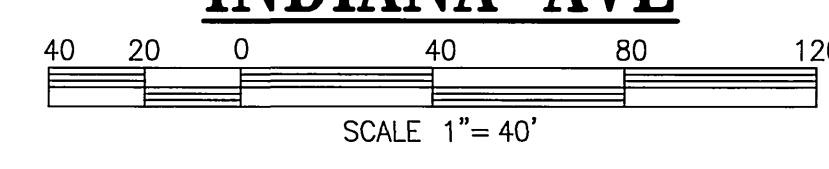
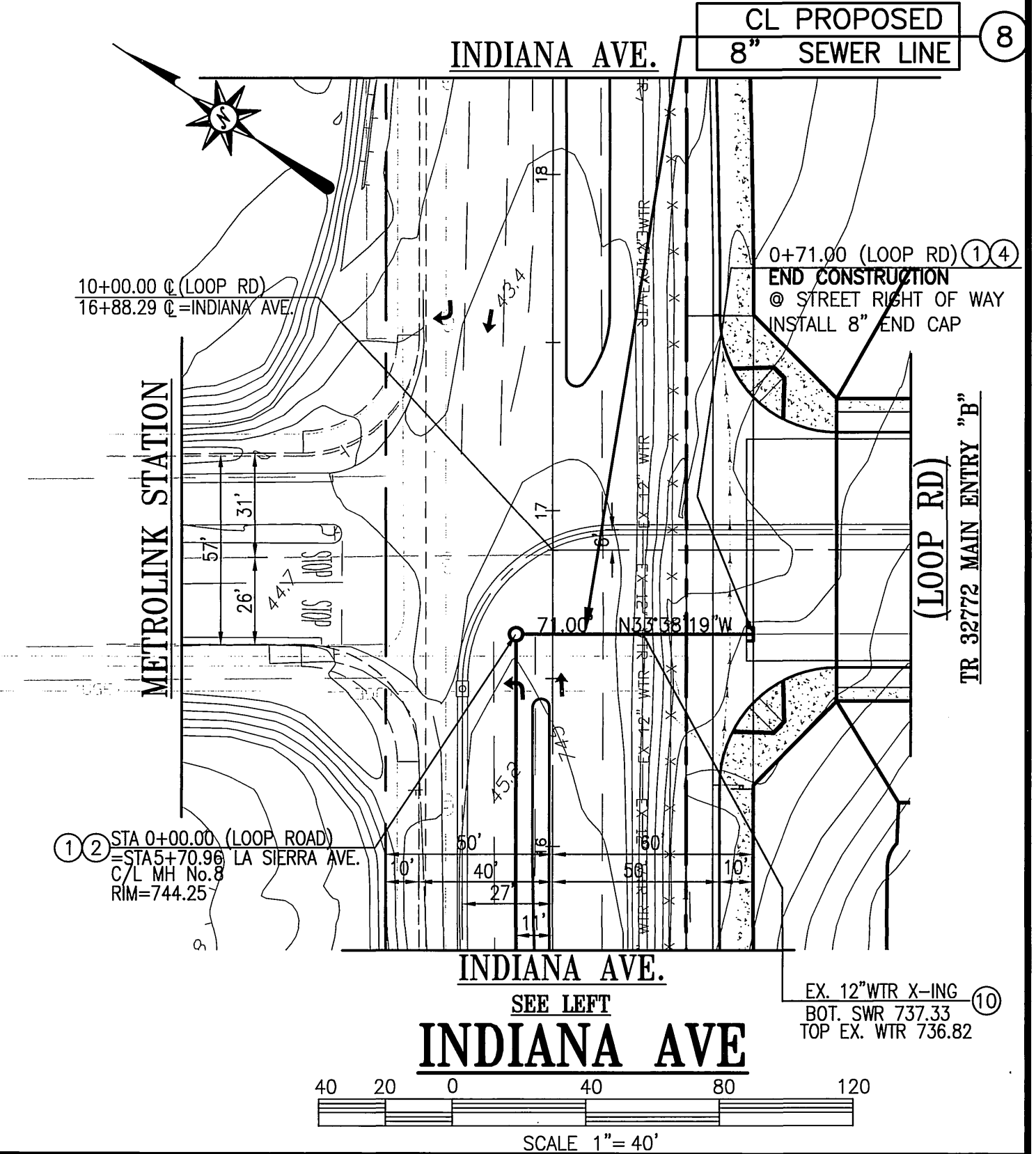
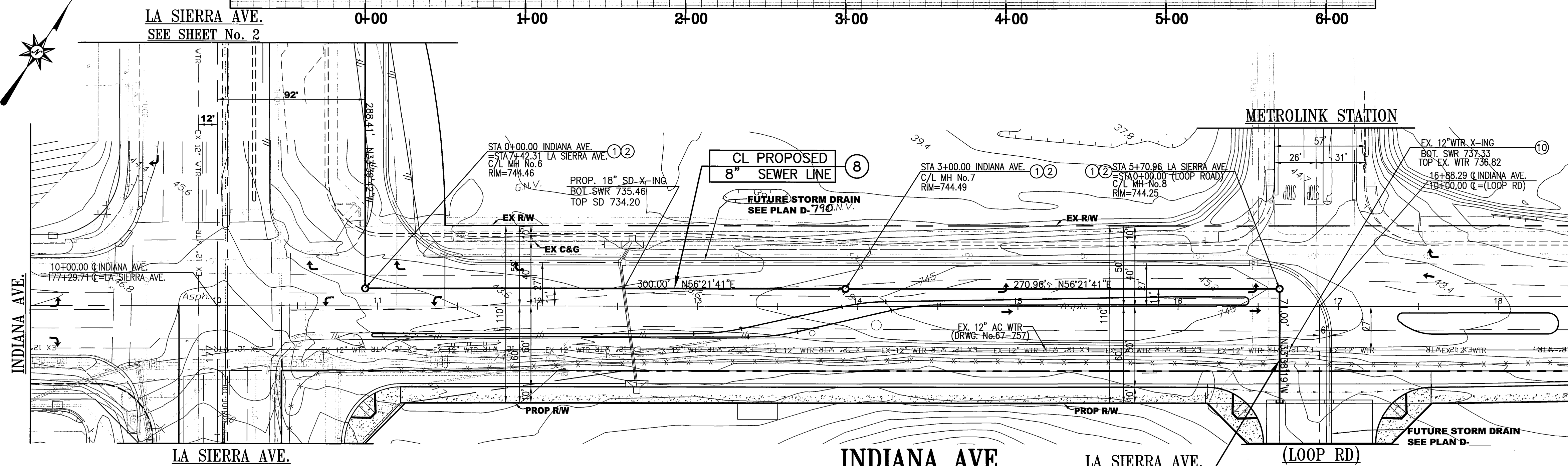


TYPE A - PIPE CASING

1. THE STEEL CASING SHALL BE INSTALLED BY MEANS OF JACKING OR DRY BORING, EXCEPT WHERE SPECIFICALLY NOTED ON THE PLANS TO BE INSTALLED BY OPEN TRENCH CONSTRUCTION.
2. END OF THE CASING PIPE SHALL BE CLOSED AROUND THE CARRIER WITH A POURED-IN-PLACE PLASTER-OF-PARIS OR CEMENT PLUG WITH A SMALL OPENING LEFT FOR DRAINAGE AT THE BOTTOM OF THE DOWNSTREAM SIDE ONLY.
3. ALL SKIDS ARE TO BE SQUARE IN CROSS SECTION AND MAY BE MADE FROM A REDWOOD, OR #2 BETTER DOUGLAS FIR. SOUND MATERIAL, TO BE WALMANIZED OR CREOSOTED. (REDWOOD NEEDS NOT TO BE TREATED.)
4. SKIDS SHALL BE ATTACHED TO PIPE BY STRAPPING WITH A STANDARD STRAPPING MACHINE TO HOLD SKIDS IN PLACE DURING PULLING OPERATIONS. USE STAINLESS BAND OR METHODS OF "CLEARING" SKIDS TOGETHER, AS APPROVED



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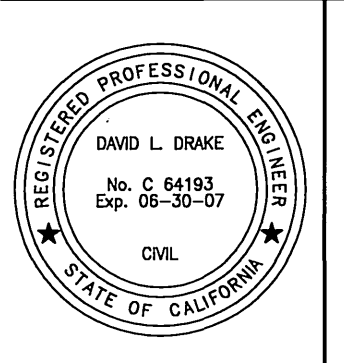
PUBLIC UTILITIES DEPARTMENT
WATER DIVISION

APPROVED: *[Signature]* 12/14/05
DATE

- CONSTRUCTION NOTES**
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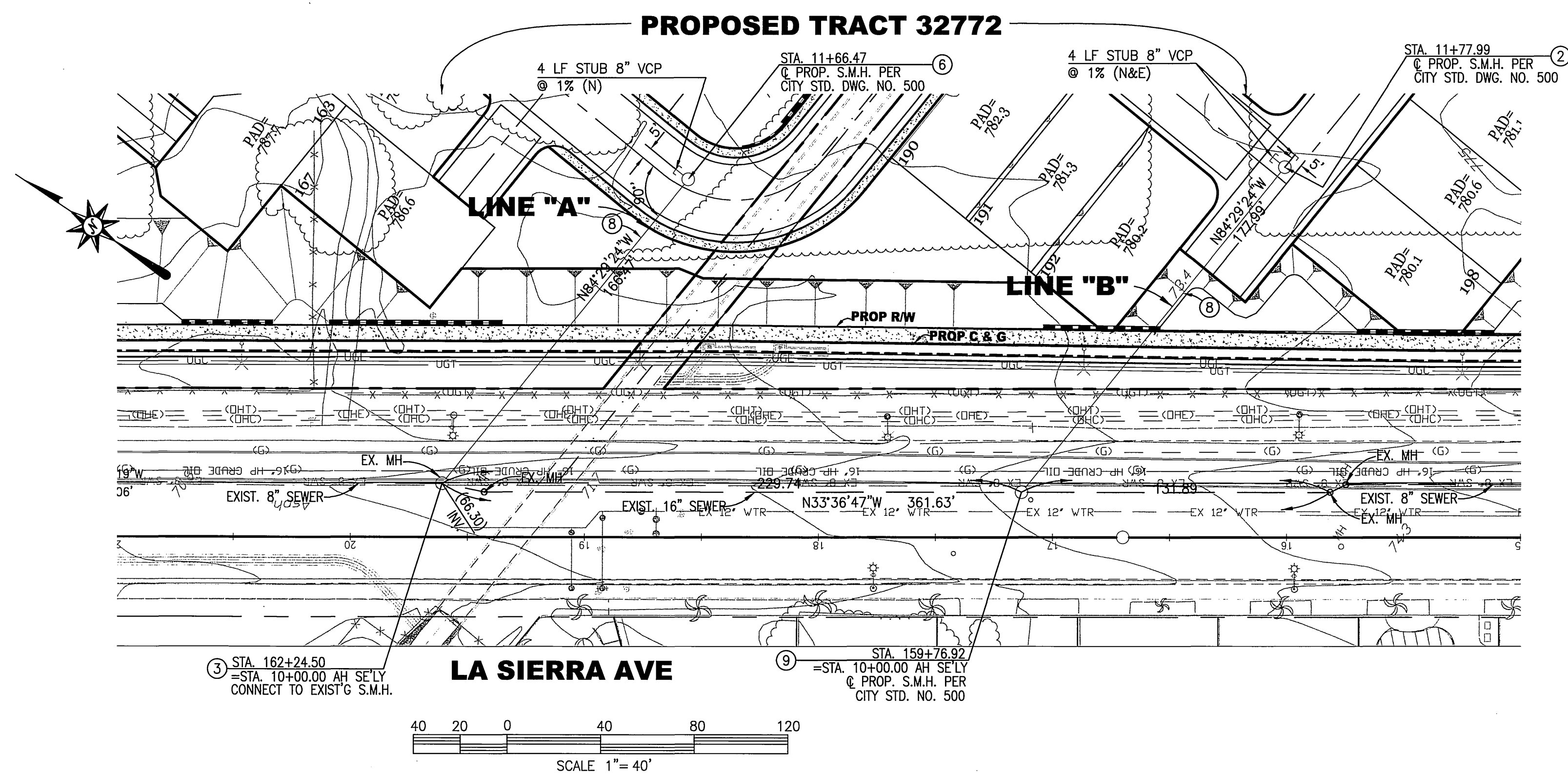
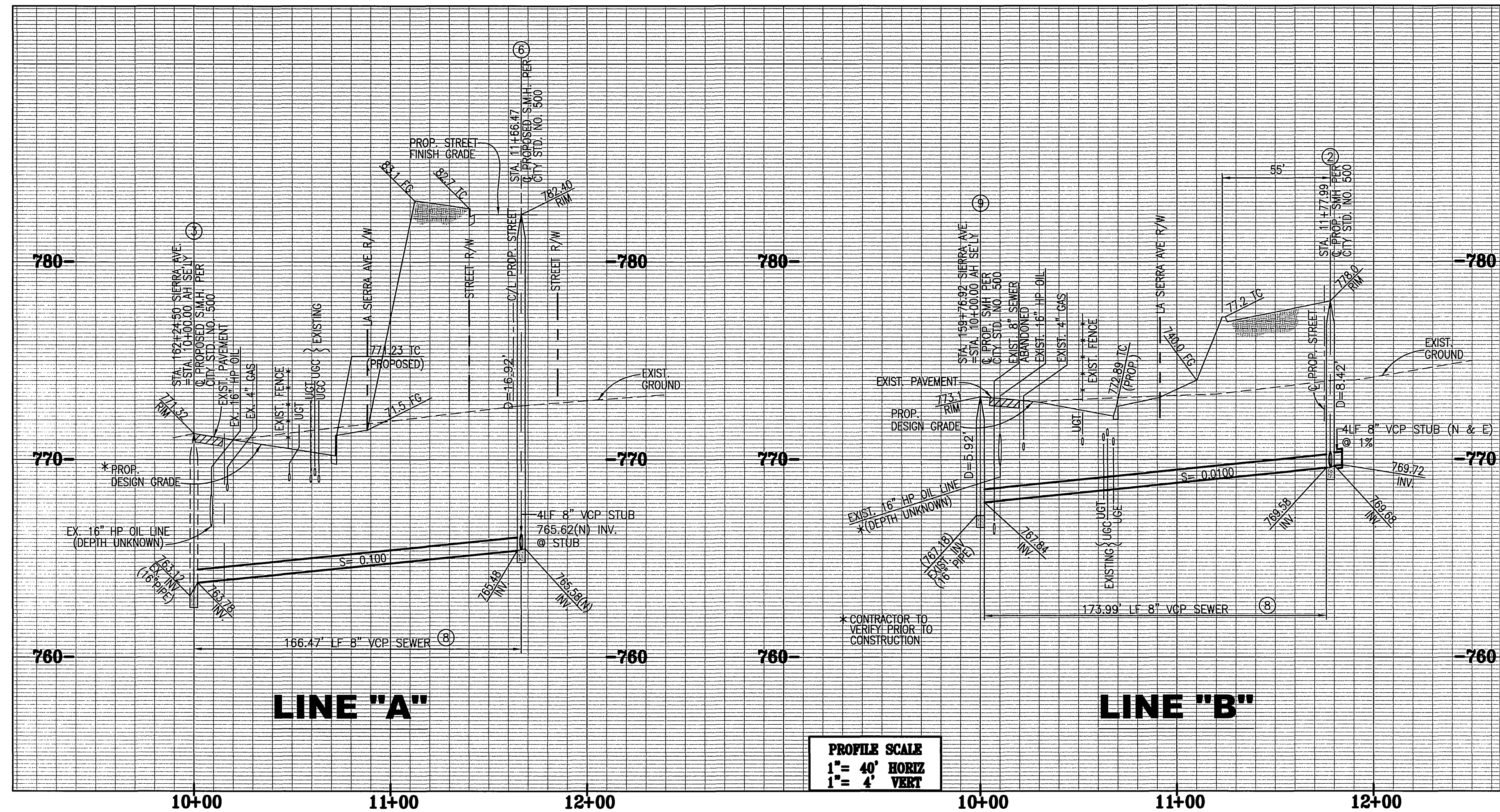
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TEL (951) 683-5234 FAX (951) 683-5301
CITY OF RIVERSIDE TAX CERT NO: 69372 EXP: 4-7-06
SCALE: AS NOTED BENCH MARK
DESIGNED BY: DD DRAWN BY: CA CHECKED BY: *[Signature]*

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY: *[Signature]*
PRINCIPAL ENGR. DATE: 1/10/06
CITY ENGINEER
DATE: 1/10/06

IN THE CITY OF RIVERSIDE, CALIFORNIA
SEWER IMPROVEMENT PLANS
LA SIERRA AVENUE FROM
BNSF TO INDIANA AVENUE
INDIANA AVENUE FROM
LA SIERRA TO 650' N'LY
INDIANA AVENUE.
FOR: GRIFFIN INDUSTRIES

PW05-0590
S-1933
SHEET 3 OF 4
FILE NO.: 1104-007



- CONSTRUCTION NOTES**
- ② CONSTRUCT 48" SEWER MANHOLE PER CITY OF RIV. STD. DWG No. 500.
 - ③ JOIN EXIST. SEWER MANHOLE/ SEWER MAIN (RE-CONTOUR BOTTOM)
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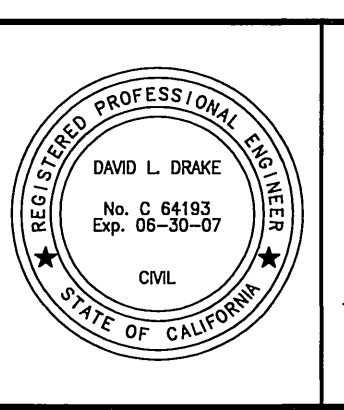
PUBLIC UTILITIES DEPARTMENT
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PREPARED UNDER THE DIRECTION OF:

David L. Drake
REGISTERED CIVIL ENGINEER NO. C 64193
EXPIRATION DATE: 06-30-07 DATE: 12-12-05

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CITY OF RIVERSIDE TAX CERT NO: 69372 EXP: 4-7-06

SCALE: AS NOTED BENCH MARK SEE SHEET No 1

MARK	REVISIONS	APPR. DATE
DESIGNED BY DD	DRAWN BY CA	CHECKED BY

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY _____ BY DATE _____
PRINCIPAL ENGR. _____

APPROVED BY: *W. Griffin*
CITY ENGINEER
DATE 1/26/06

IN THE CITY OF RIVERSIDE, CALIFORNIA
SEWER IMPROVEMENT PLANS
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BNSF TO INDIANA AVENUE
INDIANA AVENUE FROM
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LA SIERRA AVE.

FOR: GRIFFIN INDUSTRIES

PW05-0590
S-1933
SHEET 4 OF 4
FILE NO.: 1104-007

R/VZ INDEXED 2-21-06 Lff