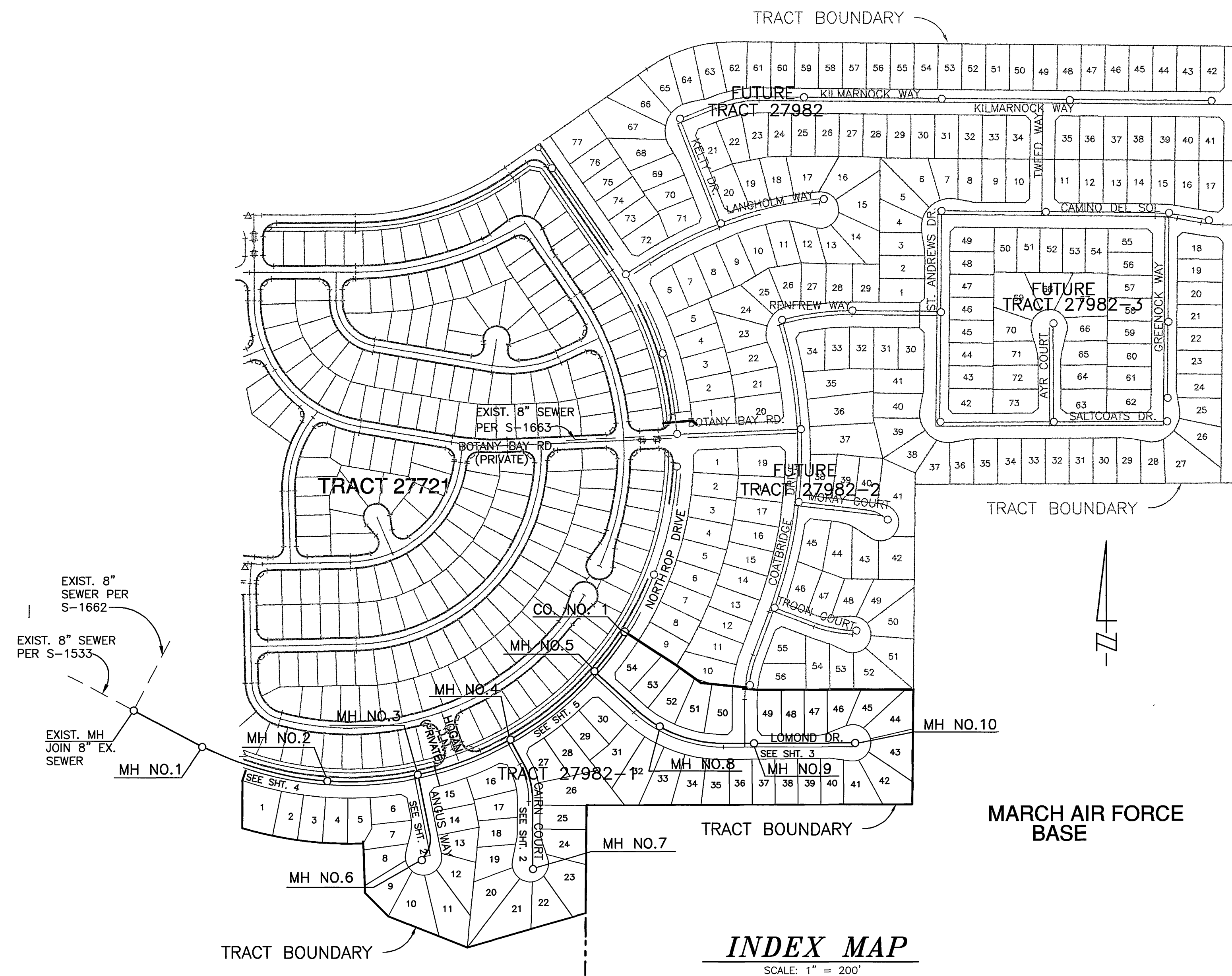


CONSTRUCTION NOTES

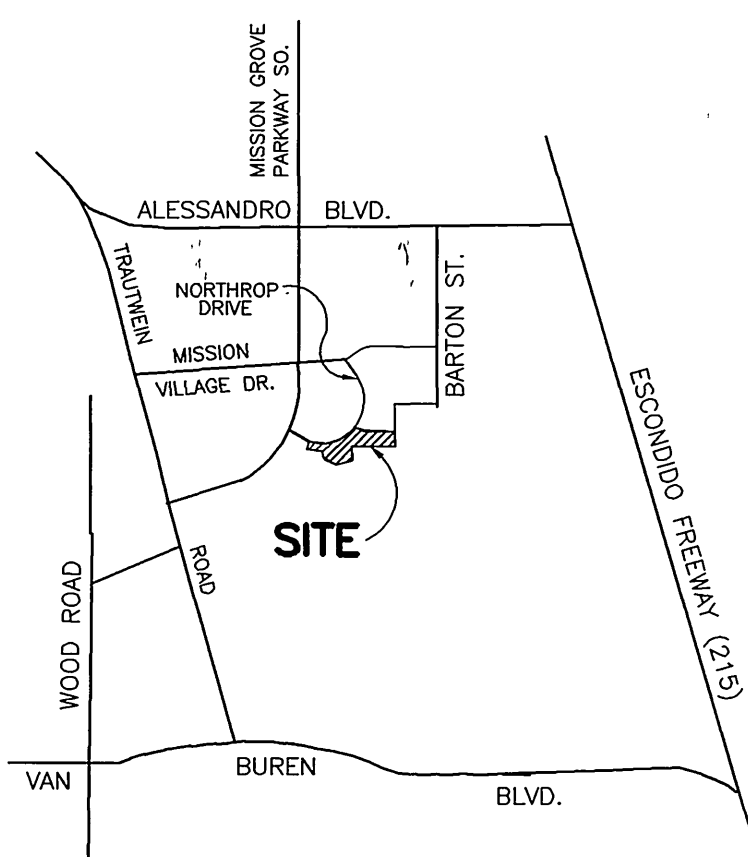
- ① CONSTRUCT 8" VCP SEWER MAIN W/PIPE BEDDING PER CITY OF RIV. STD. 452. (CASE 1)
- ② CONSTRUCT 4" LATERAL PER CITY OF RIV. STD. 562
- ③ CONSTRUCT SEWER M.H. PER CITY OF RIV. STD. 500
- ④ CONSTRUCT CLEANOUT PER CITY OF RIV. STD. 560 (PIPE DIAMETER=4")
- ⑤ CONSTRUCT CLEANOUT PER CITY OF RIVERSIDE STD. 560.

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. Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with proposed and/or existing facilities.
- 5. Contractor is to verify existing sewer elevation prior to construction.
- 6. The sewer contractor shall adjust manholes to final grade after paving is completed.
- 7. No finished floor elevation shall be less than 4' above the sewer flow line at the point of connection without having a proper backwater valve installed in the lateral.
- 8. 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.
- 9. All manholes to be City of Riverside Standard No. 500.
- 10. All flagged elevations shall be staked in the field by the private engineer.
- 11. 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.
- 12. 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.
- 13. 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.
- 14. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- 15. Prior to construction the contractor shall pothole all utility crossings and connections and verify the location and elevation of all utilities affected. The engineer shall be notified of any discrepancies before
- 16. No person shall perform any construction activity or install any objects within the public right-of-way or easements of the City of Riverside without a valid Construction permit or a Street Opening permit issued by the City's Public Works Department.

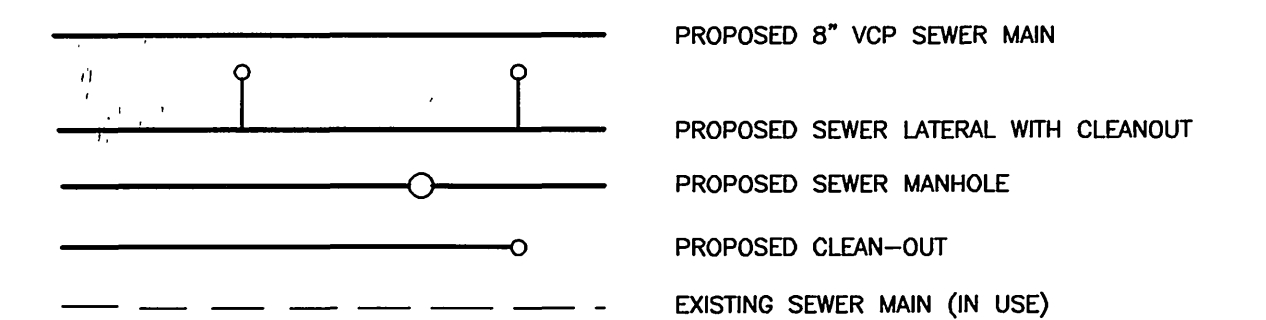


INDEX MAP
SCALE: 1" = 200'



VICINITY MAP
N.T.S.

LEGEND



CITY OF RIVERSIDE PUBLIC UTILITIES DEPT.-ELECTRIC OVERHEAD & UNDERGROUND	APPROVED BY: <i>William F. Merand</i> 10-23-97 DATE:	ARCO PIPELINE CO.	APPROVED BY: <i>[Signature]</i> 11/2/97 DATE:
--	---	-------------------	--

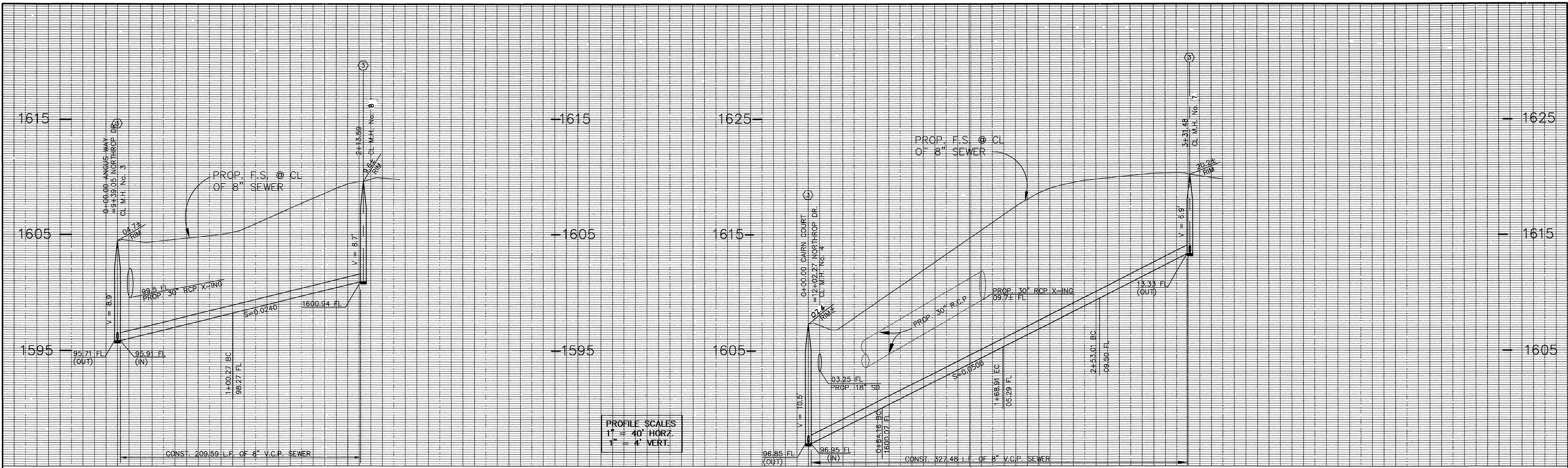
AS BUILT 10/25/99 R/M

REVIEWED BY W.M.W.D.
SHEETS 1 THROUGH 5
FOR NON-INTERFERENCE COMPLIANCE ONLY

[Signature]
CIVIL ENGINEER RCE #46212 DATE 12/15/97

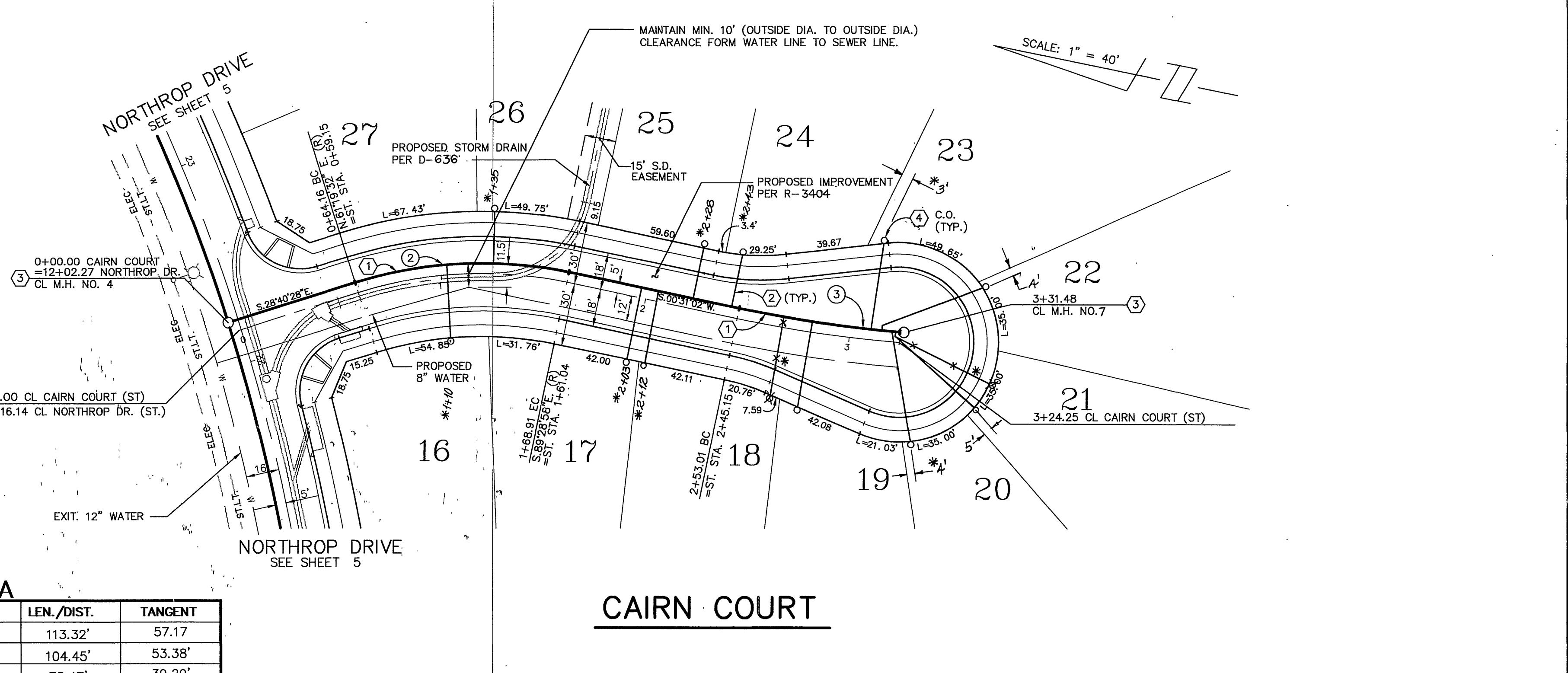
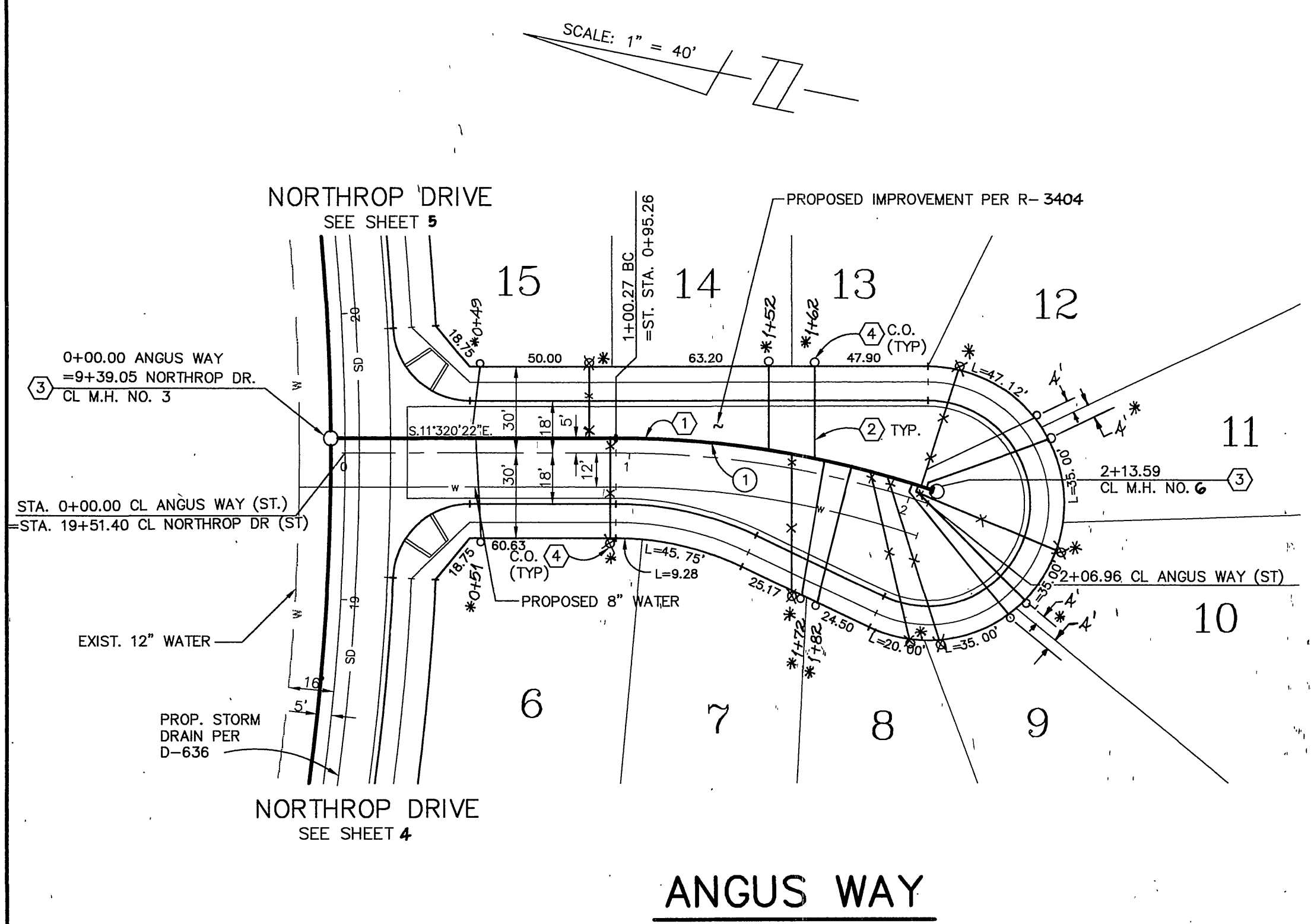
Undergound Service Alert Call: TOLL FREE 1 - 800 227 - 2600 TWO WORKING DAYS BEFORE YOU DIG	PRIVATE ENGINEERING NOTE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR 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 PROFESSIONAL.	PREPARED UNDER THE DIRECTION OF: <i>[Signature]</i> REGISTERED CIVIL ENGINEER NO. 50293 EXPIRATION DATE: 6-30-01 DATE: 10/14/97	CEC CANTY ENGINEERING GROUP, INC. CIVIL ENGINEERING - PLANNING - SURVEYING 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517 TEL (909) 683 - 5234 FAX (909) 683 - 5301 CITY BUSINESS TAX CERT. NO.: 69372 EXP. DATE: 4-8-98	CITY OF RIVERSIDE, CALIFORNIA DEPARTMENT OF PUBLIC WORKS APPROVED BY: <i>[Signature]</i> DATE: 2-5-98 PRINCIPAL ENGR. PARK DEPARTMENT TRAFFIC DIVISION DEP. P.W. DIRECTOR	TRACT NO. 27982-1 SEWER PLANS TITLE SHEET FOR: FIESTA HOMES	PROJECT NO. S-1673 SHEET 1 OF 5 FILE NO.:

INDEXED 4-30-98 4H



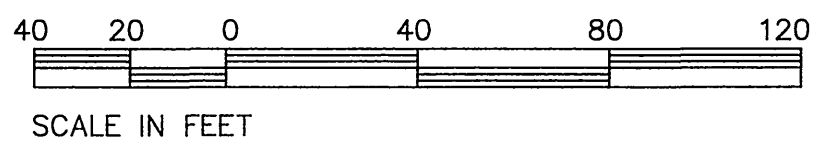
PROFILE SCALES
 1" = 40' HORIZ.
 1" = 4' VERT.

0 1 2 0 1 2 3



DATA

Δ	DELTA/BEARING	RADIUS	LEN./DIST.	TANGENT
1	18°37'48"	348.52'	113.32'	57.17'
2	29°11'30"	305.00'	104.45'	53.38'
3	07°15'11"	619.88'	78.47'	39.29'



CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT-ELECTRIC
 OVERHEAD & UNDERGROUND

William F. Mainard 5/12/95
 APPROVED BY DATE

Underground Service Alert
 Call: TOLL FREE
 1 - 800
 227 - 2600

TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE

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 THE LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:
Teodilo

REGISTERED CIVIL ENGINEER NO. 50293
 EXPIRATION DATE: 6-30-01 DATE: 3-22-95

CEG COUNTY ENGINEERING GROUP, INC.
 CIVIL ENGINEERING - PLANNING - SURVEYING
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
 TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1"=40'
 DATE: FEB. 1997

BENCH MARK: CITY OF RIVERSIDE "E-B-A" P.K. NAIL AND TAG ON TOP OF 35 X 50" X 20" HIGH GRANITE BOULDER, 100' WLY OF TRAUTWEIN ROAD AND 0.3 MILE N'LY OF WOOD ROAD, FB 735/74 ELEV: 1588.453

MARK	REVISIONS	APPR.	DATE

DESIGNED BY T.C.L. DRAWN BY C.C.J.W. CHECKED BY D.J.E.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *William F. Mainard*
 PRINCIPAL ENGR. DATE: 5/12/95

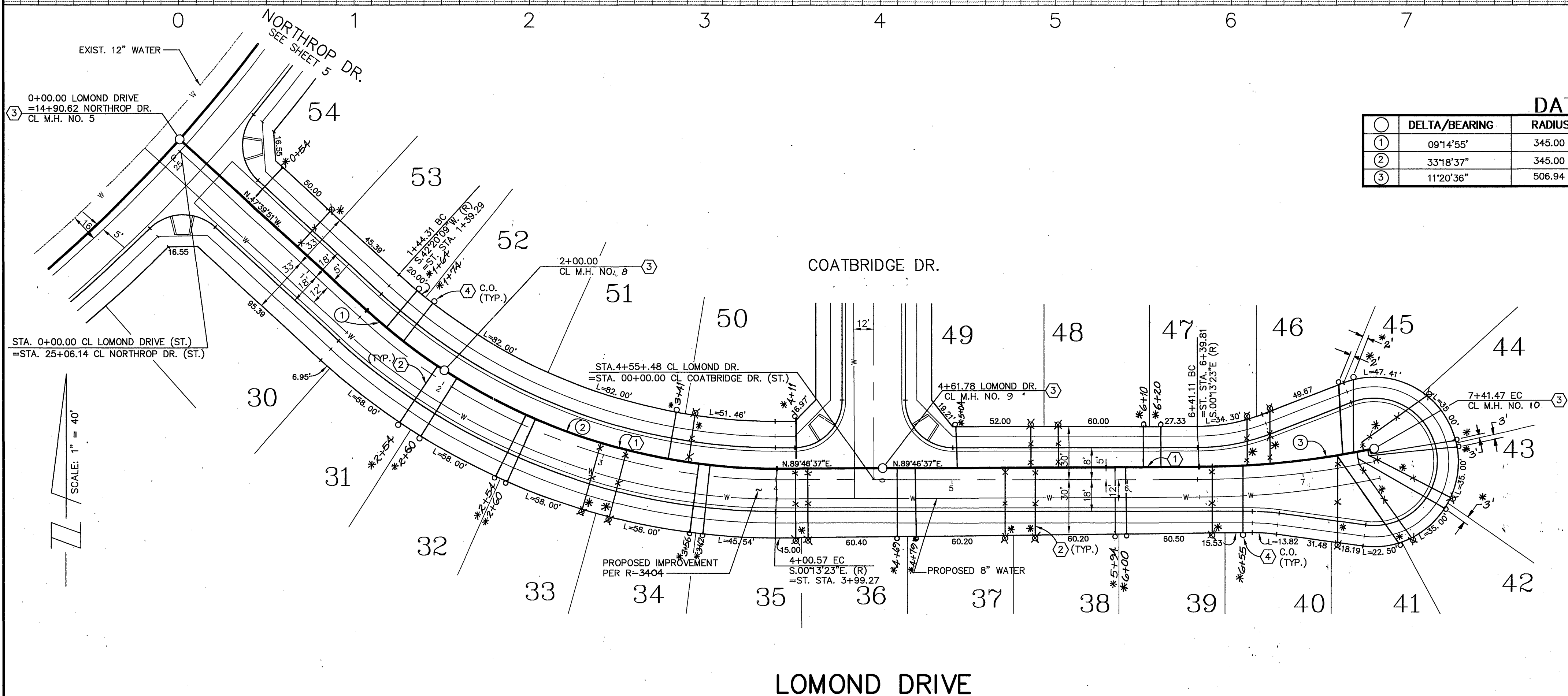
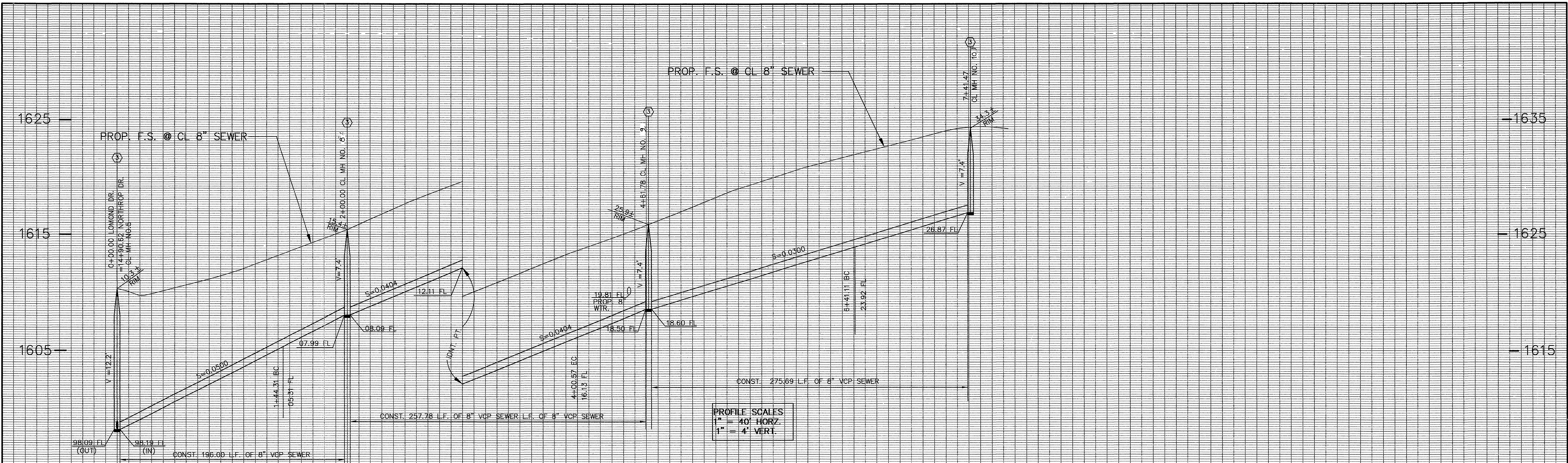
APPROVED BY: *Richard M. Bratt*
 DIRECTOR OF PUBLIC WORKS DATE: 2-5-98

TRACT NO. 27982-1
 SEWER PLANS
 ANGUS WAY
 CAIRN COURT

PROJECT NO. S-1673
 SHEET 2 OF 5

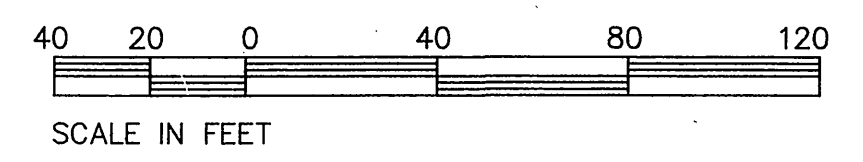
FOR: FIESTA HOMES
 FILE NO.: 9413168

*AS BUILT 10/25/99 R.M.
 INDEXED 4-30-98 F.H.



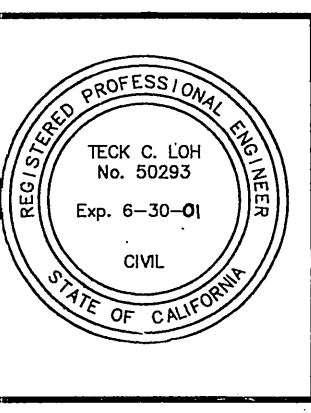
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2	33°18'37"	345.00	200.57	103.21
3	11°20'36"	506.94	100.36	50.35



Underground Service Alert
 Call: TOLL FREE
 1 - 800
 227 - 2600
 TWO WORKING DAYS BEFORE YOU DIG

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PREPARED UNDER THE DIRECTION OF:
Teck C. Loh
 REGISTERED CIVIL ENGINEER NO. 50293
 EXPIRATION DATE: 6-30-01 DATE: 3-22-97

CEG CANTY ENGINEERING GROUP, INC.
 CIVIL ENGINEERING - PLANNING - SURVEYING
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
 TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1" = 40'
 DATE: FEB. 1997

BENCH MARK: CITY OF RIVERSIDE "EB-A"
 P.K. NAIL AND TAG ON TOP OF 35 X 50' X 20" HIGH GRANITE BOULDER, 100' W'LY OF TRAUTWEIN ROAD AND 0.3 MILE N'LY OF WOOD ROAD, FB 735/74 ELEV: 1588.453

MARK	REVISIONS	APPR.	DATE

DESIGNED BY: I.C.L. DRAWN BY: C.C.J.W. CHECKED BY: D.J.E.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY DATE	APPROVED BY
PRINCIPAL ENGR.	<i>Teck C. Loh</i>	<i>Rudolf M. Smith</i>
PARK DEPARTMENT		DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION		
DEP. P.W. DIRECTOR		

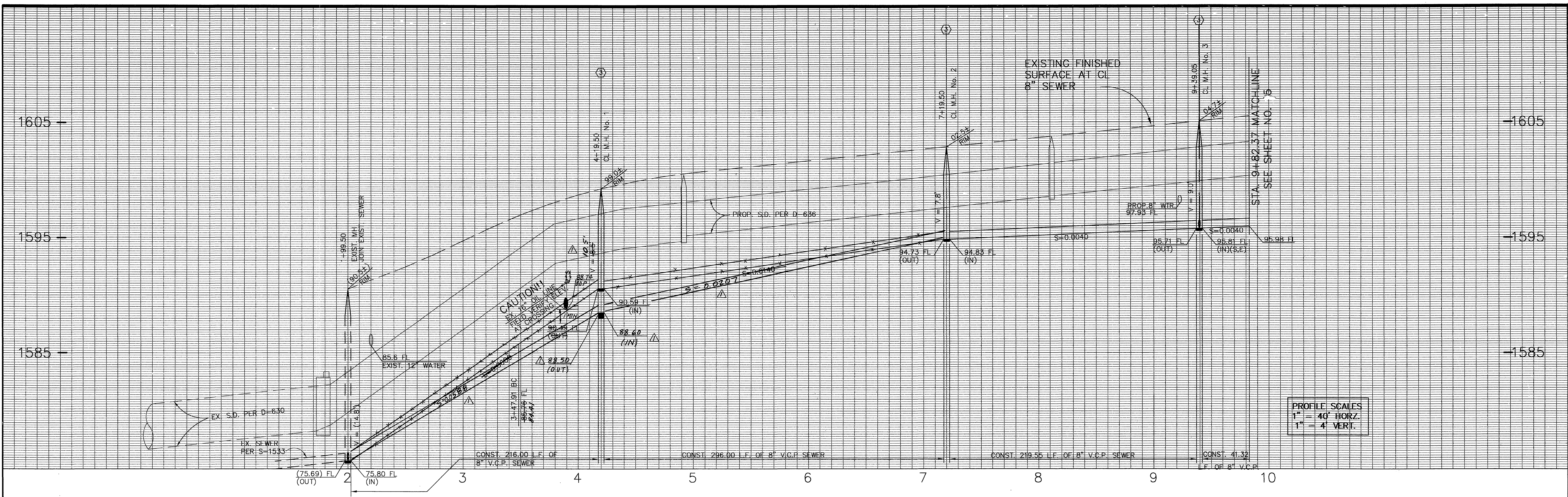
DATE: 2-5-98

TRACT NO. 27982-1
 SEWER PLANS
 LOMOND DRIVE

PROJECT NO. S-1673
 SHEET 3 OF 5

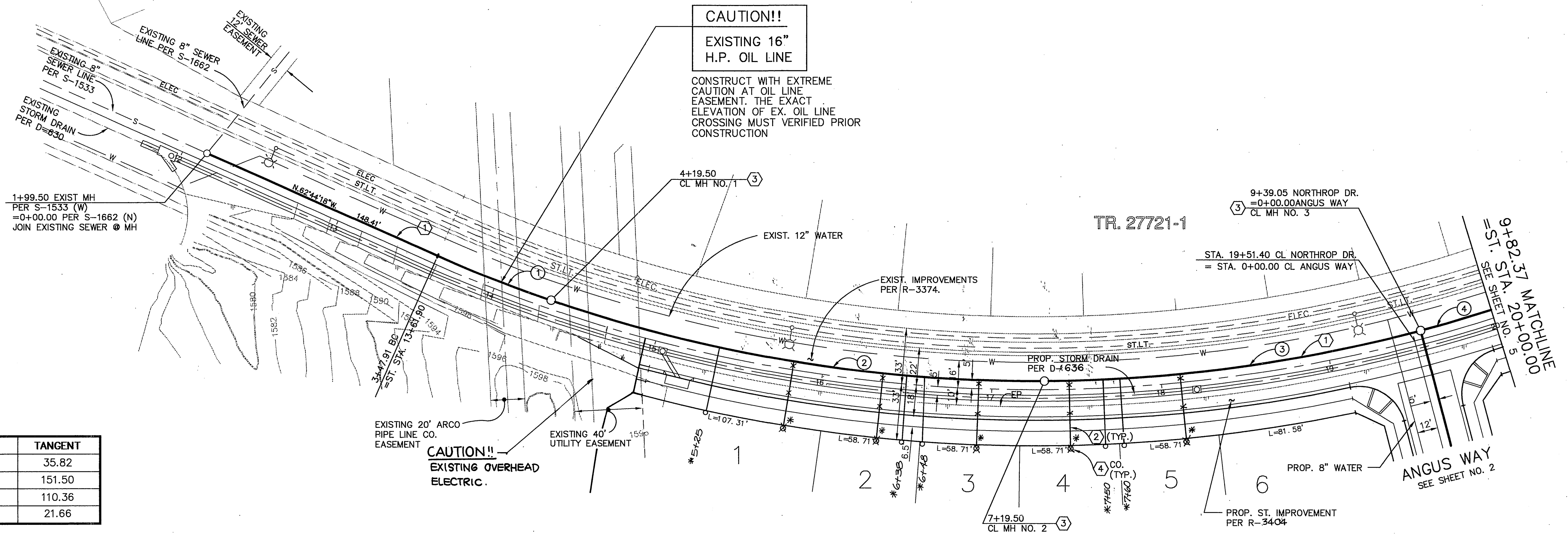
FOR: FIESTA HOMES
 FILE NO.: 9413168

INDEXED 4-30-98 LKH



PROFILE SCALES
 1" = 40' HORIZ.
 1" = 4' VERT.

SCALE: 1" = 40'

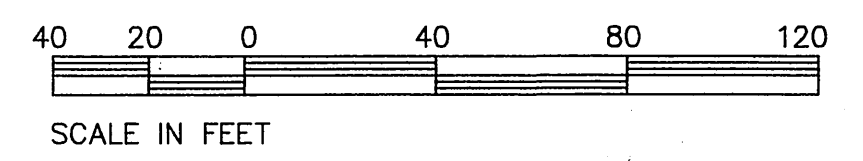


CAUTION!!
 EXISTING 16"
 H.P. OIL LINE
 CONSTRUCT WITH EXTREME
 CAUTION AT OIL LINE
 EASEMENT. THE EXACT
 ELEVATION OF EX. OIL LINE
 CROSSING MUST VERIFIED PRIOR
 CONSTRUCTION

CAUTION!!
 EXISTING OVERHEAD
 ELECTRIC.

DATA

Δ	DELTA/BEARING	RADIUS	LEN./DIST.	TANGENT
1	4°42'53"	870.00	71.59	35.82
2	19°45'25"	870.00	300.00	151.50
3	14°27'31"	870.00	219.54	110.36
4	2°51'11"	870.00	43.32	21.66



NOTE TO CONTRACTOR:
 CONTRACTOR SHALL VERIFY ALL UTILITY
 LOCATIONS AND ELEVATION PRIOR TO ANY
 CONSTRUCTION. EXTREME CAUTION SHOULD
 BE TAKEN DURING CONSTRUCTION AT OIL LINE
 EASEMENT. CALL ARCO PIPE LINE PIPELINE
 COMPANY AT LEAST 48 HOURS PRIOR TO
 ANY CONSTRUCTION OR POTHOLING
 CONTACT: DAVE ANDERSON
 PHONE: (310) 426-9454

NORTHROP DRIVE

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPT. - ELECTRIC
 OVERHEAD & UNDERGROUND

ARCO PIPE LINE COMPANY

APPROVED BY: *William F. Mansueti* DATE: *2-5-98*

APPROVED BY: *R. DeLuca* DATE: *2-5-98*

Underground Service Alert
 Call: TOLL FREE
 1 - 800
 227 - 2600
 TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
 CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH
 GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION
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 ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



PREPARED UNDER THE DIRECTION OF:
Teck C. Loui
 REGISTERED CIVIL ENGINEER NO. 50293
 EXPIRATION DATE: 6-30-01 DATE: 3-22-98

CEG COUNTY ENGINEERING GROUP, INC.
 CIVIL ENGINEERING - PLANNING - SURVEYING
 3120 CHICAGO AVENUE, SUITE 180, P.O. BOX 52050, RIVERSIDE, CA 92517
 TEL (909) 683 - 5234 FAX (909) 683 - 5301

SCALE: 1" = 40'
 DATE: FEB 1997
 BENCH MARK: CITY OF RIVERSIDE "EB-A"
 P.K. NAIL AND TAG ON TOP OF 35 X 50' X 20' HIGH GRANITE
 BOULDER, 100' WLY OF TRAUTWINE ROAD AND 0.3 MILE N'LY
 OF WOOD ROAD, FB 735/74 ELEV: 1588.453

REVISIONS
 MARK REVISIONS APPR. DATE
 DESIGNED BY: T.C.L. DRAWN BY: C.C.J.W. CHECKED BY: D.J.E.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

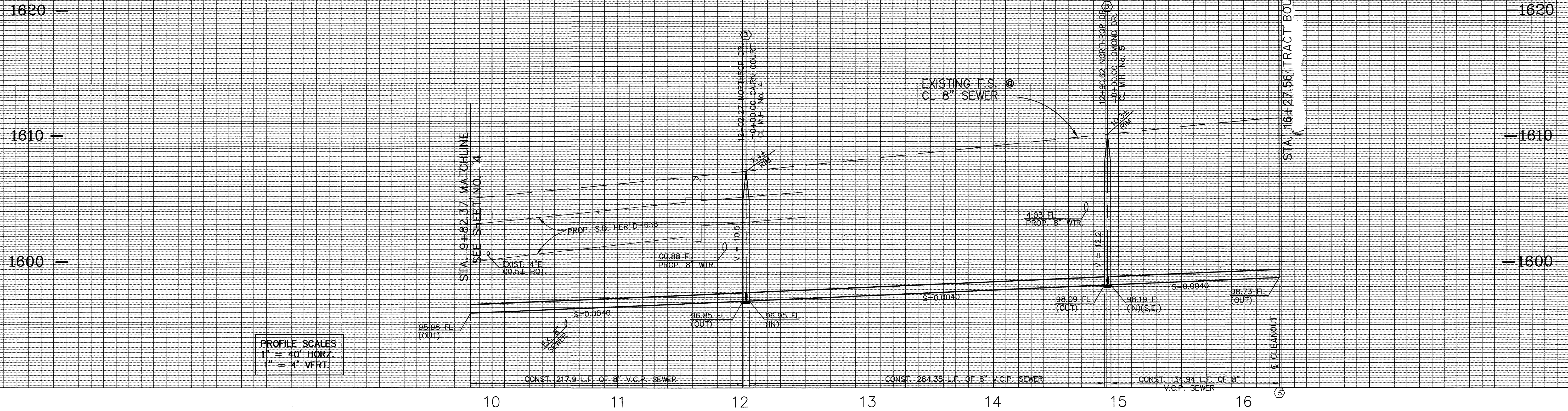
APPROVED BY: *Richard DeLuca* DATE: *2-5-98*

TRAFFIC DIVISION
 DEP. P.W. DIRECTOR

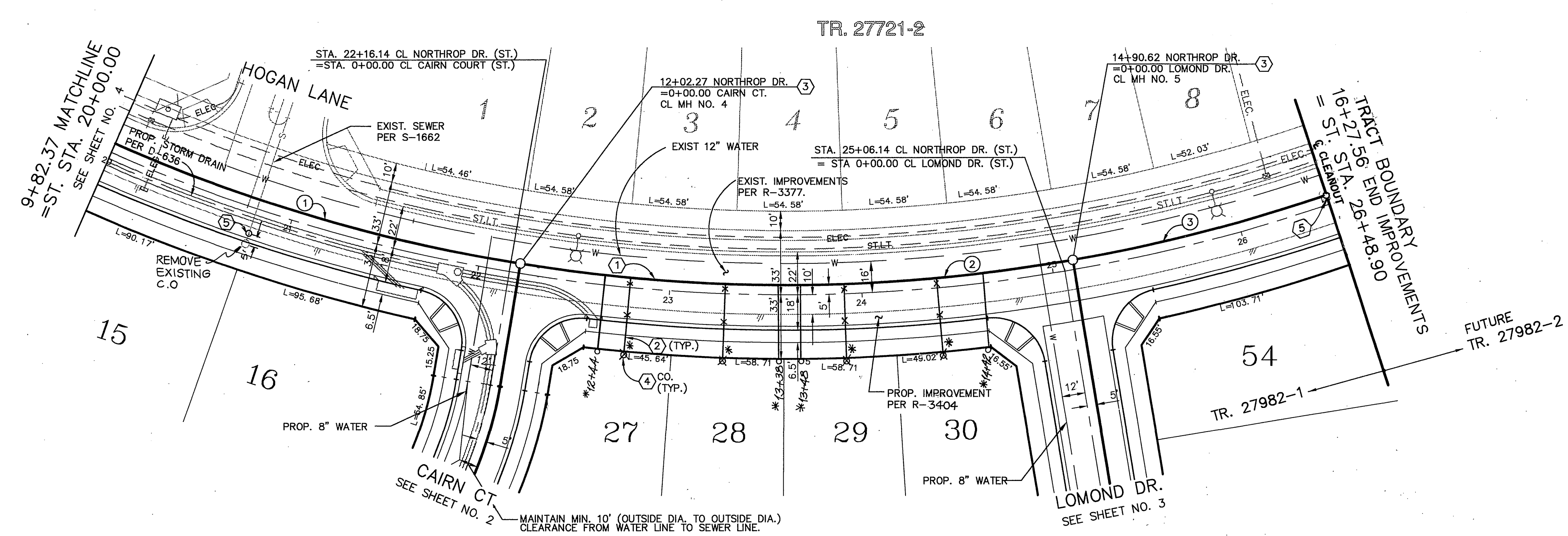
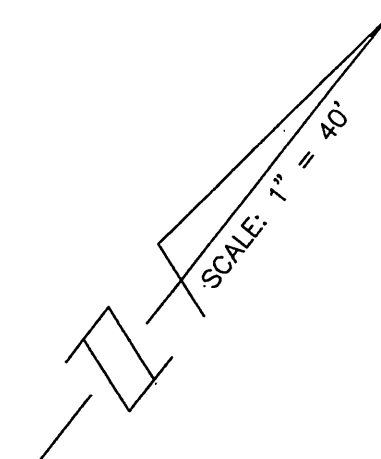
TRACT NO. 27982-1
 SEWER PLANS
 NORTHROP DRIVE
 STA. 1+99.50 TO 9+82.37
 FOR: FIESTA HOMES

PROJECT NO.
S-1673
 SHEET **4** OF **5**
 FILE NO.: 9413168
 INDEXED 4-30-98 LFT

15-95
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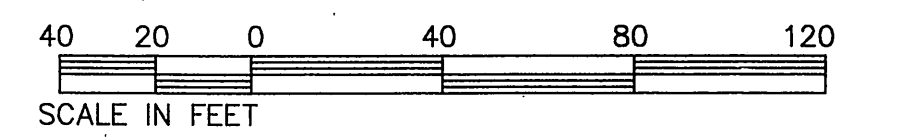


PROFILE SCALES
 1" = 40' HORIZ.
 1" = 4' VERT.



DATA

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②	18°59'23"	870.00	288.35	145.51
③	09°01'07"	870.00	136.94	68.61



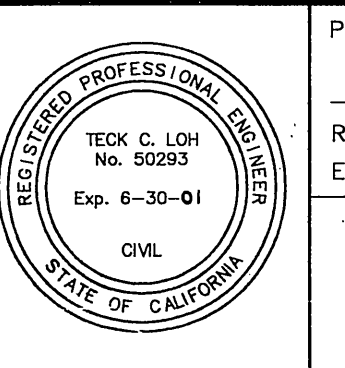
NORTHROP DRIVE

CITY OF RIVERSIDE
 PUBLIC UTILITIES DEPARTMENT-ELECTRIC
 OVERHEAD & UNDERGROUND

William F. Marin 5/10/98
 APPROVED BY DATE

Underground Service Alert
 Call: TOLL FREE
 1 - 800
 227 - 2600
 TWO WORKING DAYS BEFORE YOU DIG

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MARK	REVISIONS	APPR.	DATE

DESIGNED BY T.C.L. DRAWN BY C.C.J.W. CHECKED BY D.J.E.

CITY OF RIVERSIDE, CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS

APPROVED BY: *Richard McBratt* 2-5-98
 PRINCIPAL ENGR. DATE
 PARK DEPARTMENT
 TRAFFIC DIVISION
 DEP. P.W. DIRECTOR

TRACT NO. 27982-1
 SEWER PLANS
 NORTHROP DRIVE
 STA. 9+82.37 TO 16+27.56
 FOR: FIESTA HOMES

PROJECT NO. PROJECT_NO.
S-1673
 SHEET 5 OF 5
 FILE NO.: 9413168