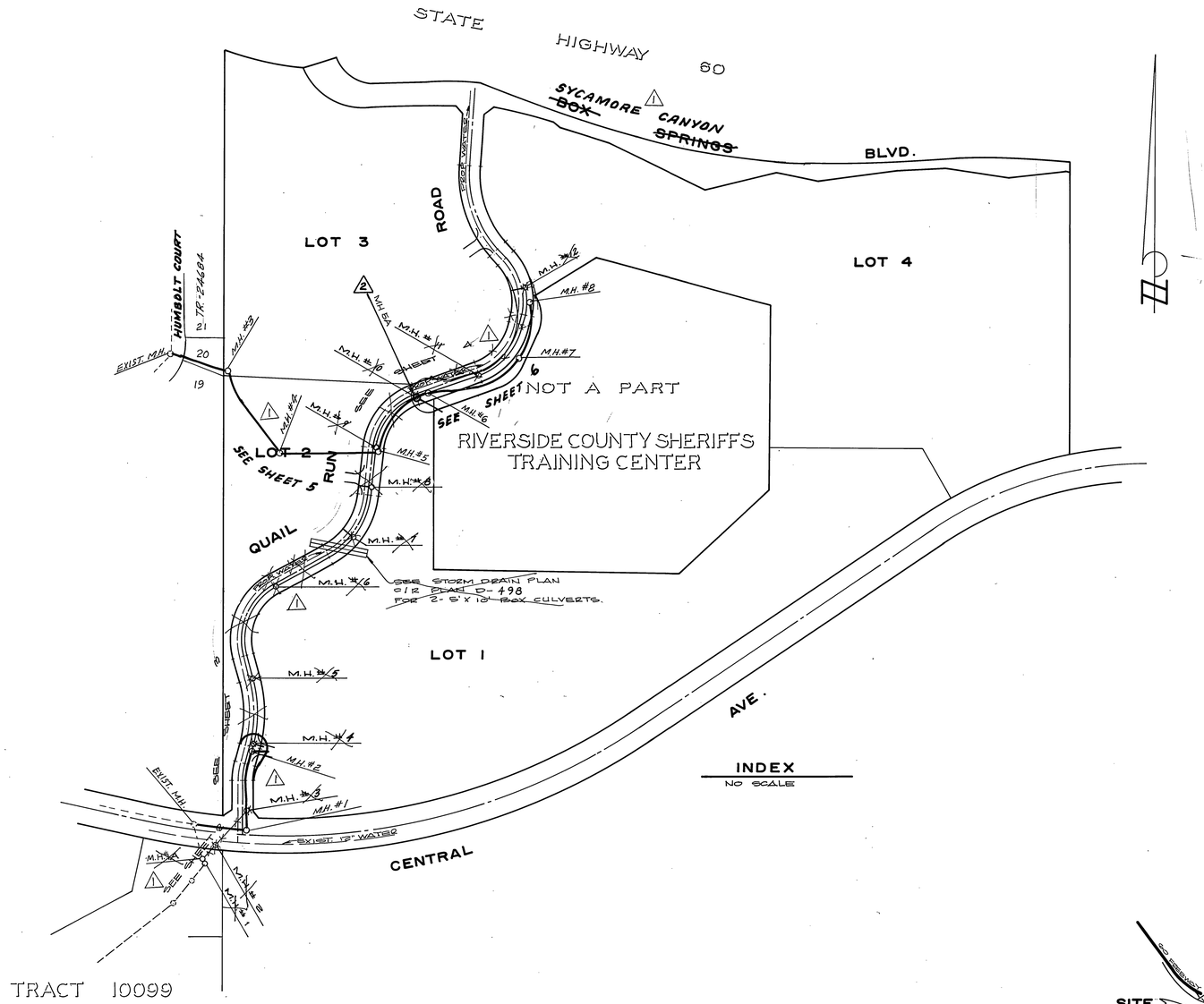
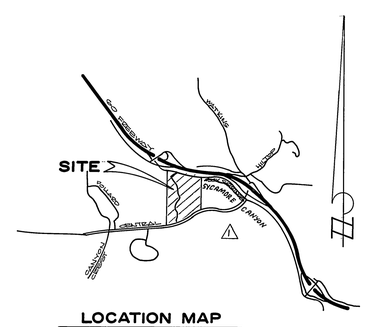


INDEX
NO SCALE

GENERAL NOTES:

1. 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.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING NO. 10, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
4. CONTRACTOR IS TO VERIFY EXISTING SEWER LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.
5. NO FINISHED FLOOR ELEVATION SHALL BE LESS THAN 4' ABOVE THE SEWER FLOW LINE AT POINT OF CONNECTION WITHOUT HAVING A PROPER BACKWATER VALVE INSTALLED IN THE LATERAL.
6. THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
7. 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.
8. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABLITY TO 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.
9. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-422-4133, TWO WORKING DAYS BEFORE DIGGING. CONSTRUCTION PERMITS WILL NOT 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 OF BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
11. ALL FLAGGED ELEVATION SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
12. 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/CUT SHEETS.
13. 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.



LOCATION MAP
NO SCALE

NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

BENCH MARK:

U.S.C.&G.S. DESIGNATION D1 144 AND RIVERSIDE COUNTY DESIGNATION 600-49-68, A STANDARD BRASS DISK STAMPED D1 144 1961, 3.5 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, 7.6 FEET SOUTHEAST OF MILEPOST 6, SET VERTICALLY IN THE SOUTHWEST FACE OF ROCK CUT, 7 FEET NORTHEAST OF THE NOETHEAST RAIL, 1.9 FEET ABOVE THE GROUND, AND ABOUT 1 FOOT HIGHER THAN THE TRACK.
TAKEN AS ELEVATION 1 451.887

REGISTERED PROFESSIONAL ENGINEER JOHN JORDAN No. 27983 EXP. 3-31-90 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER SCOTT R. HILDEBRANDT No. C44762 Exp. 3-31-92 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET
RIVERSIDE, CALIFORNIA
(714) 686-1070
APPROVED BY [signature] DATE 4-15-86
R.E. No. 27983
W.O. 83-44 FOR: GUARANTY SERVICES CORP. F.B. 1045

MARK	REVISIONS	APPR.	DATE
2	ADDED MH 5A PW03-0235	RVZ	1-30-09
1	REVISED QUAIL RUN, STREET NAME AND ADDED SHEETS 5 & 6 1-26-96 BEL	[illegible]	1/29/96

DESIGNED BY R.L.T. DRAWN BY R.H. CHECKED BY J.J.R.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DIVISION		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

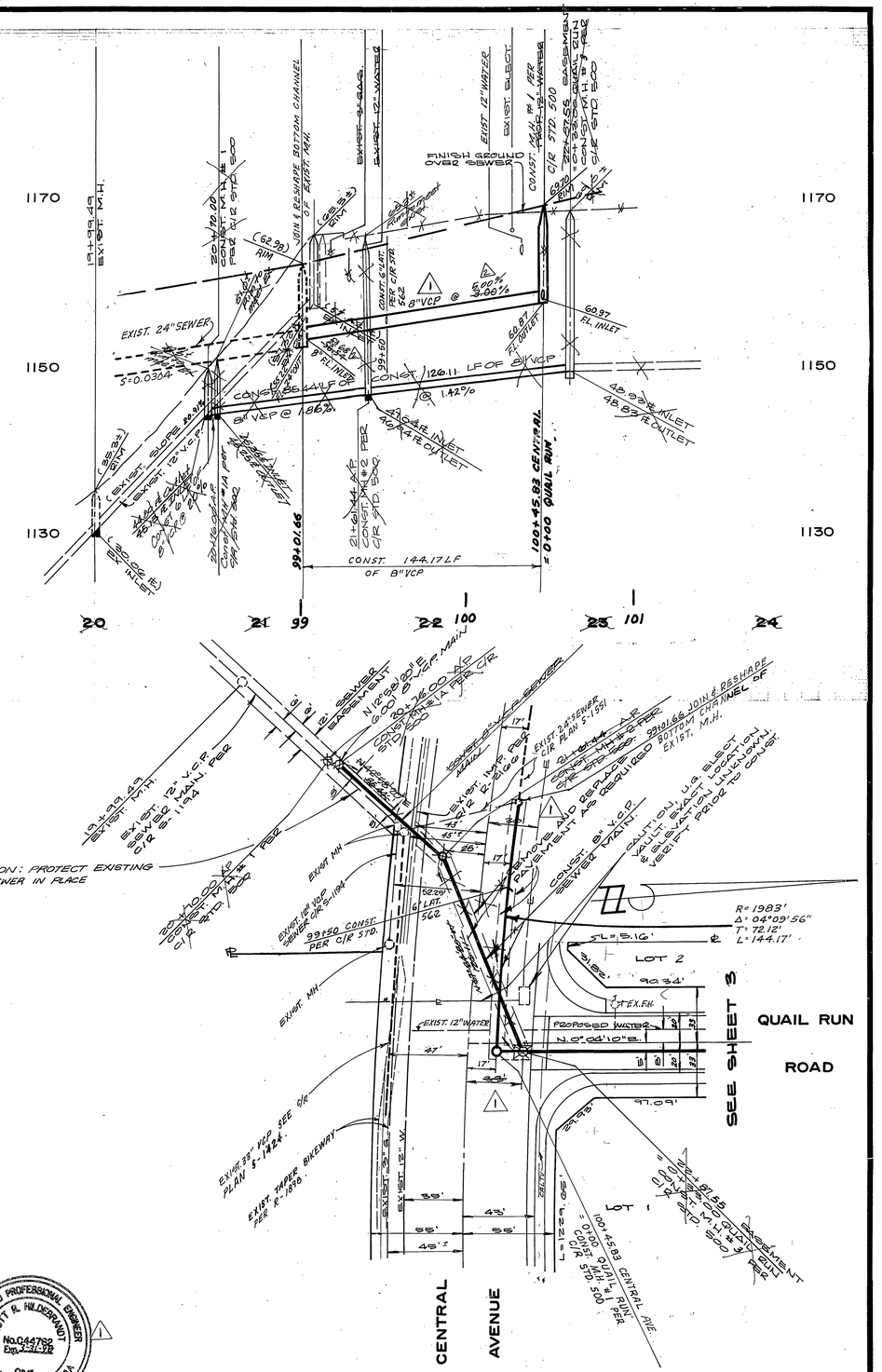
APPROVED BY William D. Sanders
DIRECTOR OF PUBLIC WORKS
DATE 3-16-87

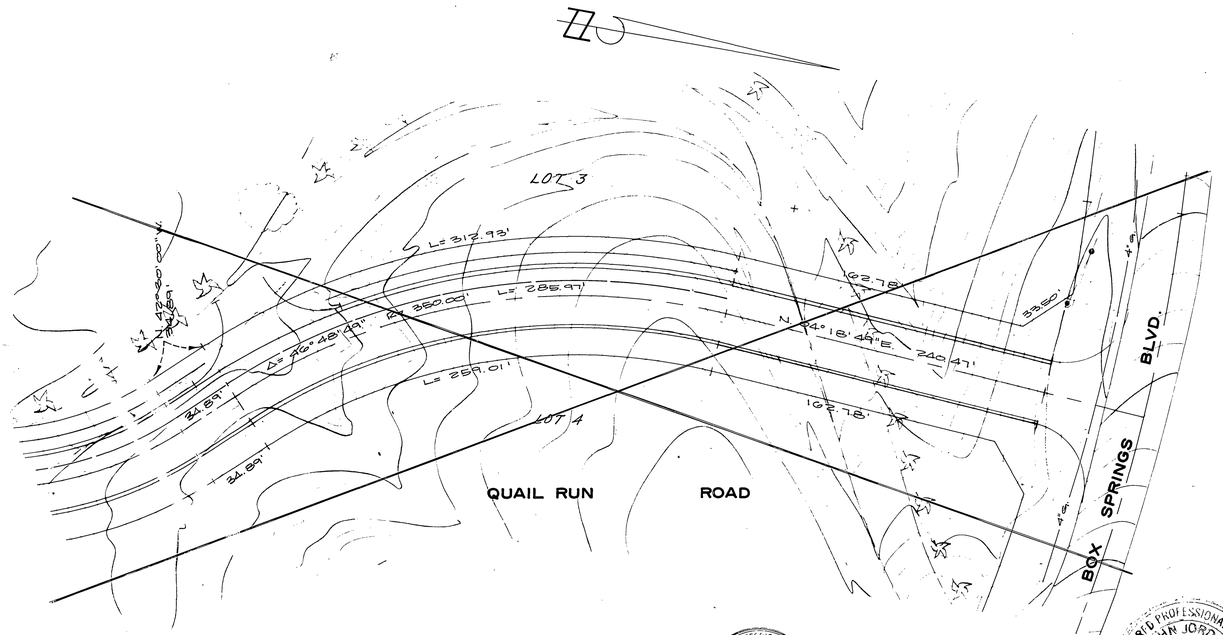
TRACT NO. 14540
INDEX SHEET

SCALE: NO SCALE

INDEXED BY CD
ACCOUNT No.
DRAWING NUMBER
S-1434
SHEET 1 OF 6
~~83-44-B~~

95-168 B





City of Riverside
Overhead & Underground

Chief Utilities Engineer 11/24/86
Electric

REGISTERED PROFESSIONAL ENGINEER DAVID V. GARCIA No. 16636 Exp. 1989 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER JOHN JORDAN No. 27983 EXP. 3-31-90 CIVIL STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER SCOTT R. HILDEBRANDT No. C44762 Exp. 3-31-92 CIVIL STATE OF CALIFORNIA

BENCH MARK:

U.S.C.&G.S. DESIGNATION D 1144 AND RIVERSIDE COUNTY, DESIGNATION 600-49-68, A STANDARD BRASS DISK STAMPED D 1144 1961, 3.5 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, 76 FEET SOUTHEAST OF MILEPOST 6, SET VERTICALLY IN THE SOUTHWEST FACE OF ROCK CUT, 7 FEET NORTHEAST OF THE NORTHEAST RAIL, 1.9 FEET ABOVE THE GROUND, AND ABOUT 1 FOOT HIGHER THAN THE TRACK.
TAKEN AS ELEVATION 1 451.887

SOUTHERN CALIF. GAS CO.
William R. Larrabee 10/7/86
APPROVED BY DATE

CITY OF RIVERSIDE
WATER SYSTEM
Richard S. Drobak 3-4-96
David V. Garcia 10-14-86
APPROVED BY: DATE:

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET
RIVERSIDE, CALIFORNIA
(714) 686-1070
APPROVED BY DATE 4/15/86
R.E. No. 27983
W.O. 83-44 FOR: GUARANTY SERVICES CORP. F.B. 1045

MARK	REVISIONS	APPR.	DATE
2	revise inlet elev @ sta. 99+01.66 & grade 0.13 MC		4/26/96
1	REVISED LOCATION OF SEWER 1+26-96 BEL		3/13/96

DESIGNED BY R.L.T. DRAWN BY R.H. CHECKED BY R.L.T.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		12/9/86
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		3/14/87

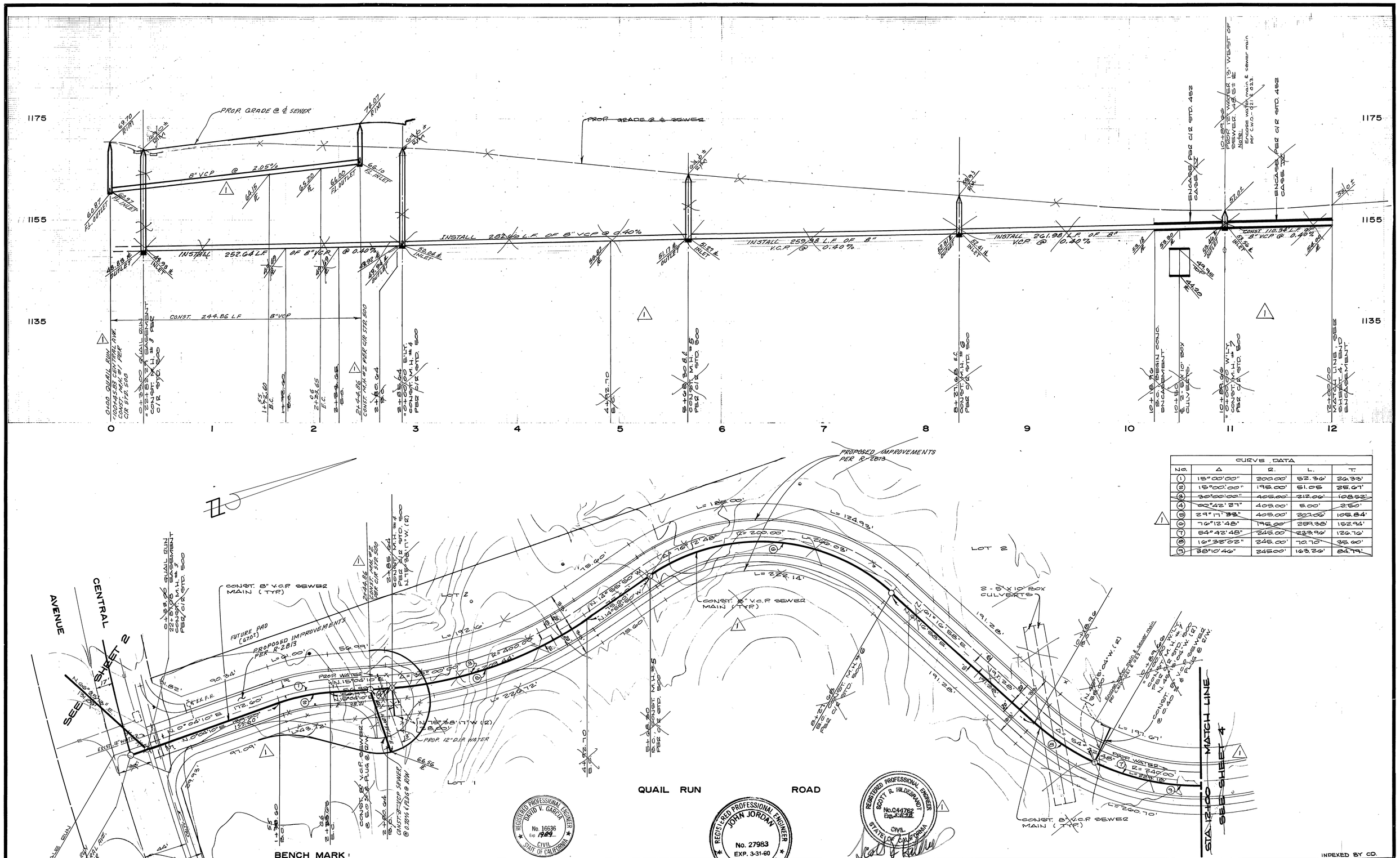
APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 3-16-87

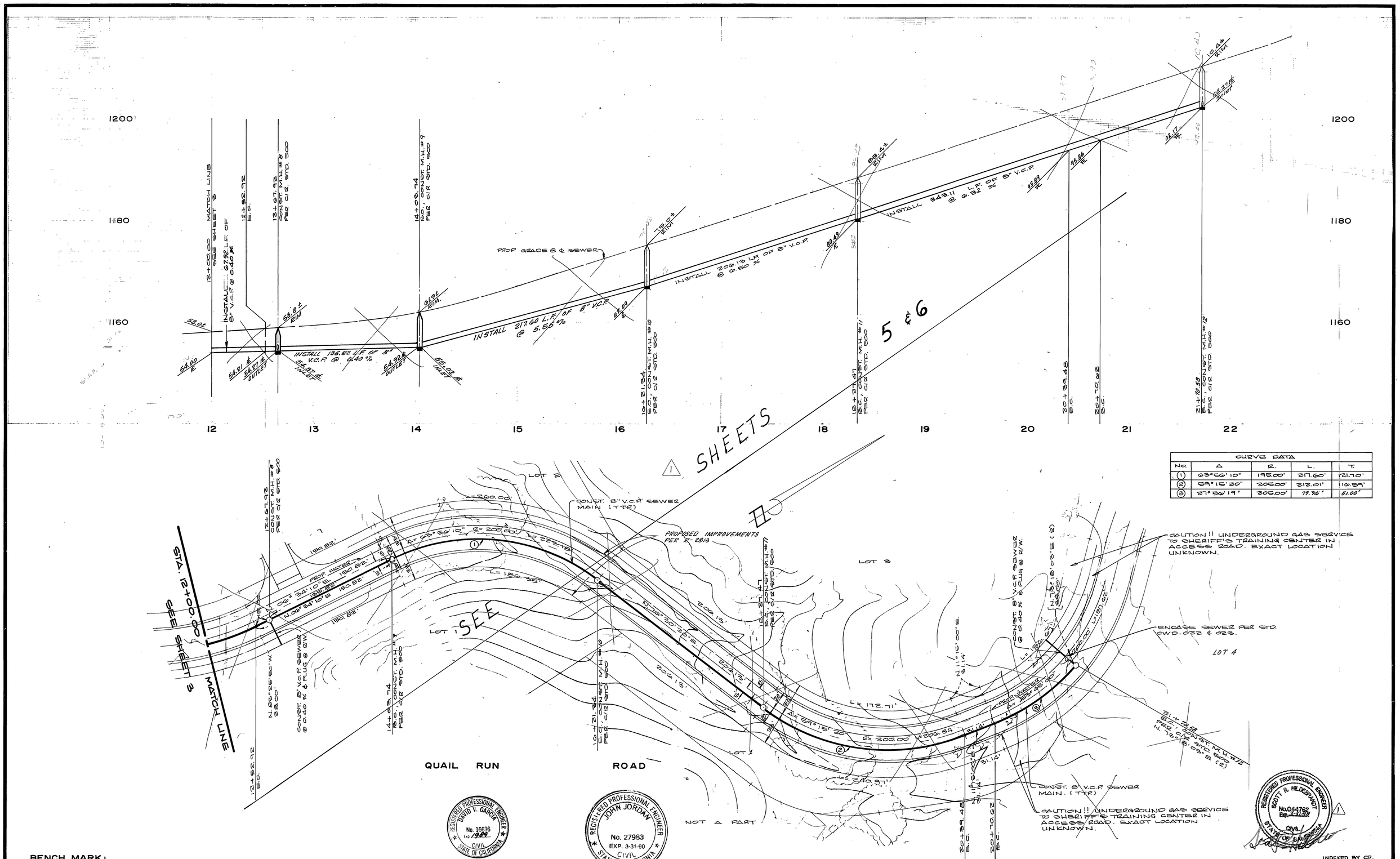
TRACT NO. 14540
SEWER PLAN & PROFILE
EASEMENT S/O CENTRAL AVE.
CENTRAL AVE.

SCALE: HORZ. 1"=40', VERT. 1"=8'

INDEXED BY CD.
ACCOUNT No.
DRAWING NUMBER
S-1434
SHEET 2 OF 6
~~83-44-B~~ 1

95-168 B


PROP. GRADE @ ℄ SEWER
8" VCP @ 2.05%
INSTALL 252.64 LF OF 8" VCP @ 0.40%
INSTALL 282.66 L.F. OF 8" VCP @ 0.40%
INSTALL 259.38 L.F. OF 8" V.C.P. @ 0.40%
INSTALL 261.98 L.F. OF 8" V.C.P. @ 0.40%
CONST. 110.34 L.F. OF 8" VCP @ 0.40%
CONST. 244.86 LF 8" VCP
ENCASE PER C/R STD. 452
CASE 1
CASE 2
Note:
Encase water main & sewer main PER C.W.D.-(2) & 023.
1175
1155
1135
0
1
2
3
4
5
6
7
8
9
10
11
12
PROPOSED IMPROVEMENTS PER R-2813
CURVE DATA
NO. Δ R. L. T.
① 15°00'00" 200.00' 52.36' 26.33'
② 15°00'00" 195.00' 51.05 25.67'
③ 30°00'00" 405.00' 212.06' 108.52'
④ 00°42'27" 405.00' 5.00' 2.50'
⑤ 29°17'33" 405.00' 207.06' 105.84'
⑥ 76°12'48" 195.00' 259.38' 152.94'
⑦ 54°42'48" 245.00' 233.96' 126.76'
⑧ 16°32'02" 245.00' 70.70' 35.60'
⑨ 38°10'46" 245.00' 163.20' 84.79'
LOT 2
LOT 1
CONST. 8" V.C.P. SEWER MAIN (TYP.)
2 - 8' X 10' BOX CULVERTS
FUTURE PAD (6.70')
PROPOSED IMPROVEMENTS PER R-2813
PROP. WATER
PROP. 12" D.I.P. WATER
QUAIL RUN ROAD
CENTRAL AVENUE
SEE SHEET 2
STA. 12+00
MATCH LINE
SEE SHEET 4
BENCH MARK:
U.S.C.&G.S. DESIGNATION D 1144 AND RIVERSIDE COUNTY DESIGNATION 600-49-68, A STANDARD BRASS DISK STAMPED D 1144 1961, 3.5 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, 76 FEET SOUTHEAST OF MILEPOST 6, SET VERTICALLY IN THE SOUTHWEST FACE OF ROCK CUT, 7 FEET NORTHEAST OF THE NORTHEAST RAIL, 1.9 FEET ABOVE THE GROUND, AND ABOUT 1 FOOT HIGHER THAN THE TRACK.
TAKEN AS ELEVATION 1451.887
CITY OF RIVERSIDE WATER SYSTEM
3-4-96
10-14-86
APPROVED BY: DATE:
ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAY STREET
RIVERSIDE, CALIFORNIA
(714) 686-1070
APPROVED BY DATE 4-15-86
R.E. No. 27983
W.O. 83-44 FOR: GUARANTY SERVICES CORP. F.B. 1045
REGISTERED PROFESSIONAL ENGINEER DAVID V. GARCIA No. 16636 Exp. 12-31-89 CIVIL STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER JOHN JORDAN No. 27983 EXP. 3-31-90 CIVIL STATE OF CALIFORNIA
REGISTERED PROFESSIONAL ENGINEER SCOTT R. HILDEBRANDT No. C44762 Exp. 3-31-92 CIVIL STATE OF CALIFORNIA
MARK REVISIONS BY APPR. DATE
1 REVISED QUAIL RUN, ADDED STA 7+56.66 TO 7+87.66 MC 3/15/90
DESIGNED BY R.L.T. DRAWN BY R.H. CHECKED BY R.L.T.
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
APPROVED BY BY DATE
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
CHIEF P. W. ENGR.
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 3-16-87
TRACT NO. 14540
SEWER PLAN & PROFILE
QUAIL RUN ROAD
- STA. 0+55.00 TO STA. 12+00.00
SCALE: HORZ. 1" = 40', VERT. 1" = 8'
INDEXED BY CD.
ACCOUNT No.
DRAWING NUMBER
S-1434
SHEET 3 OF 6
83-44-B
95-168 B



CURVE DATA				
NO.	Δ	R.	L.	T.
1	63°56'10"	195.00'	217.60'	121.70'
2	59°15'20"	205.00'	212.01'	116.59'
3	27°56'19"	205.00'	99.96'	51.00'

BENCH MARK:

U.S.C.&G.S. DESIGNATION D 1144 AND RIVERSIDE COUNTY DESIGNATION 600-49-68, A STANDARD BRASS DISK STAMPED D 1144 1961, 3.5 MILES NORTHWEST ALONG THE ATCHISON, TOPEKA AND SANTA FE RAILWAY FROM THE STATION AT MARCH FIELD, 7.6 FEET SOUTHEAST OF MILEPOST 6, SET VERTICALLY IN THE SOUTHWEST FACE OF ROCK CUT, 7 FEET NORTHEAST OF THE NORTHEAST RAIL, 1.9 FEET ABOVE THE GROUND, AND ABOUT 1 FOOT HIGHER THAN THE TRACK.
TAKEN AS ELEVATION 1451.887

CITY OF RIVERSIDE
WATER SYSTEM

David V. Garcia 10-14-86
APPROVED BY DATE

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 MCRAY STREET
RIVERSIDE, CALIFORNIA
(714) 686-1070
APPROVED BY DATE 4/15/90
R.E. No. 27983
W.O. 83-44 FOR: GUARANTY SERVICES CORP F.B. 1045

MARK	REVISIONS	APPR.	DATE
1	ADDED SHTS 5&6 1-26-96 BEL		3/13/96

DESIGNED BY R.L.T. DRAWN BY R.H. CHECKED BY R.L.T.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

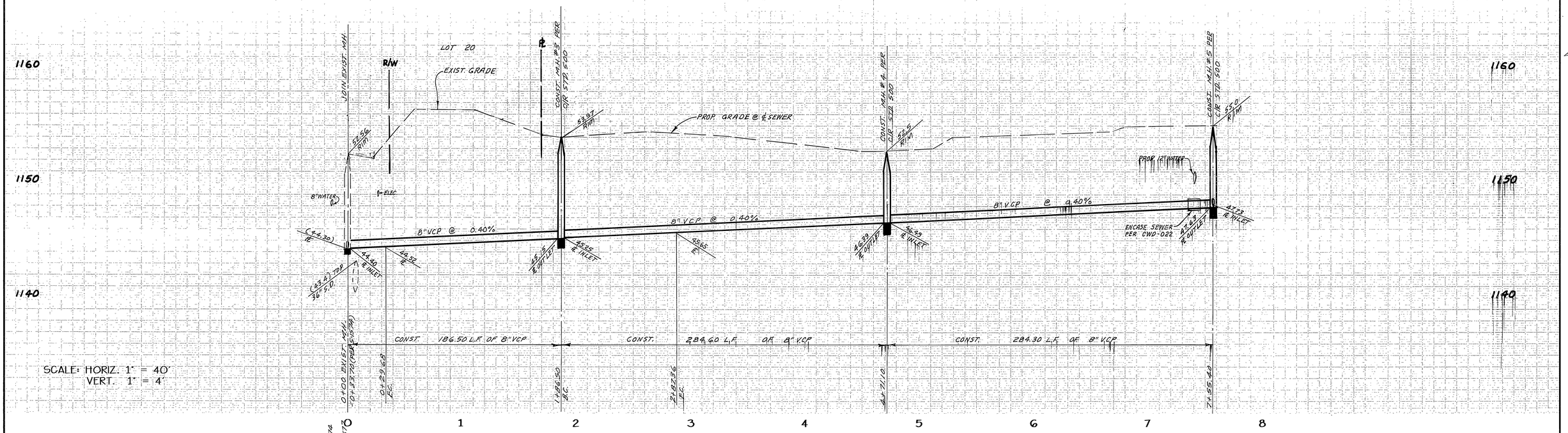
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		12/5/86
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF P. W. ENGR.		

APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE 3-16-87

TRACT NO. 14540
SEWER PLAN & PROFILE
QUAIL RUN ROAD
STA. 12+00.00 TO STA. 21+70.62
SCALE: HORZ. 1"=40' ; VERT. 1"=8'

INDEXED BY CD.
ACCOUNT No.
DRAWING NUMBER
S-1434
SHEET 4 OF 6
~~83-44-B~~

95-168B



UNDERGROUND SERVICE ALERT
CALL: TOLL FREE 1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE WATER SYSTEM
APPROVED BY: Richard S. Drobek
DATE: 3-4-96

REGISTERED PROFESSIONAL ENGINEER SCOTT R. HILDEBRANDT NO. C44762 EXP. 3-31-98 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 2-21-96
R.E. NO. C44762
W.O. 95-168 FOR: SPANOS CONSTRUCTION F.B. 1995

MARK	REVISIONS	APPR.	DATE

DESIGNED BY B.E.L. CHECKED BY SRH PLN CK REF. SWR

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

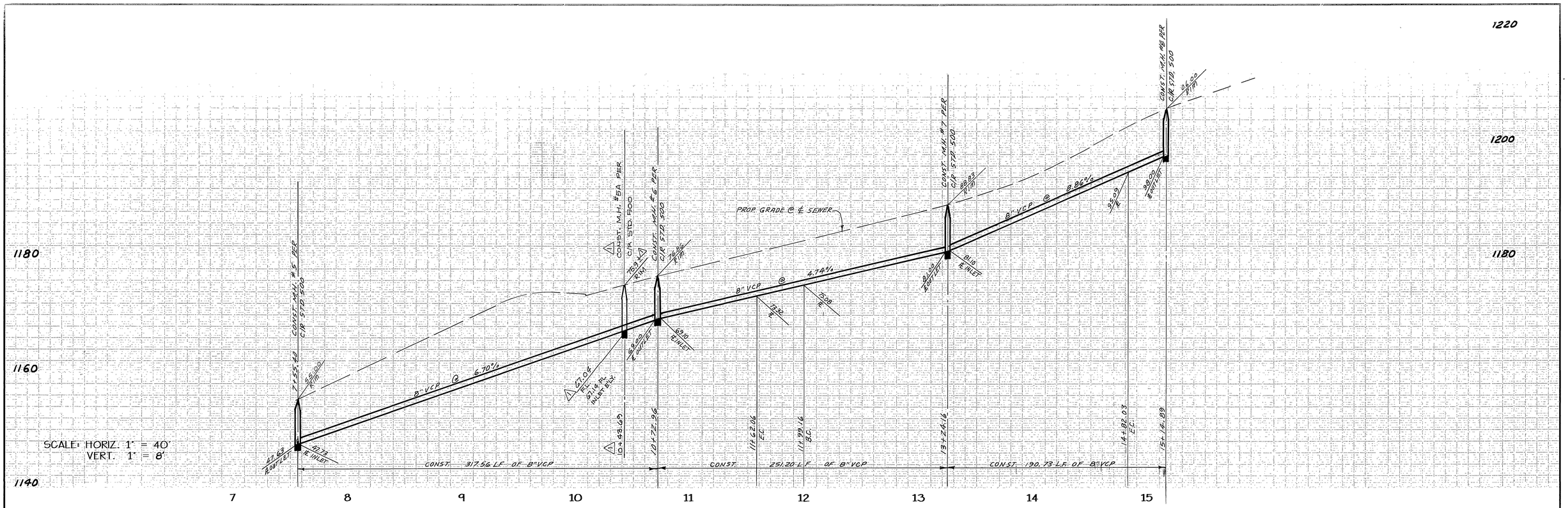
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	SR	3/19/96
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF PUB. WKS. ENGR.	RMC	3/21/96
	CWC	3/13/96

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 3/22/96

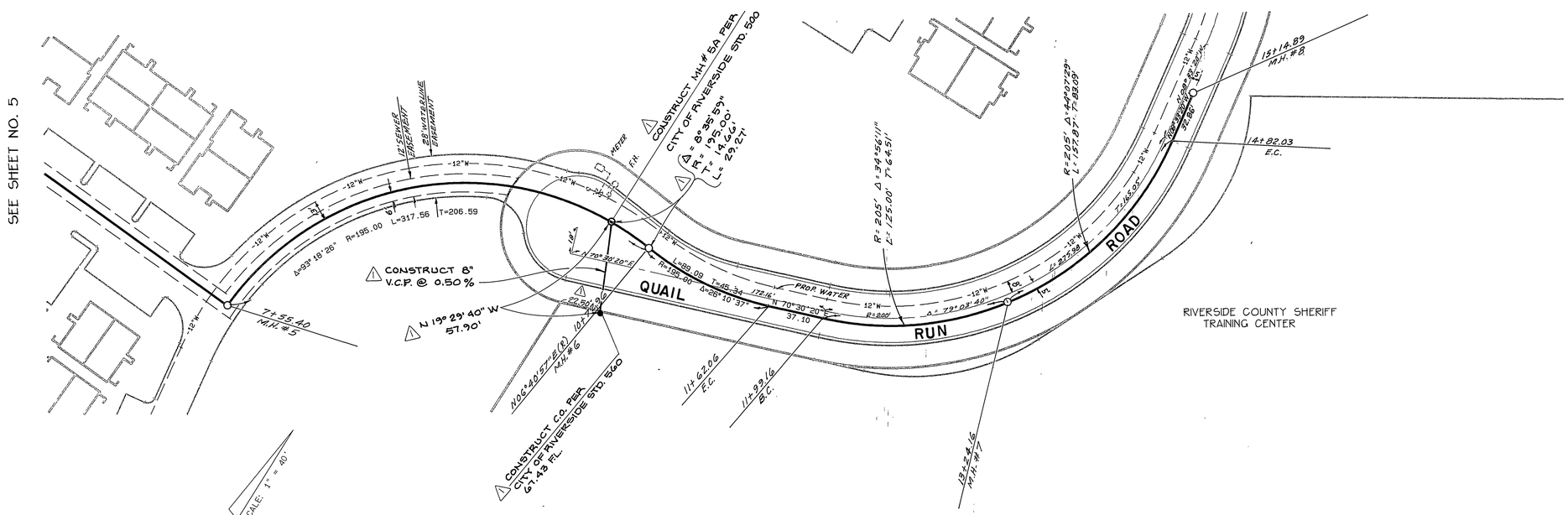
TRACT NO. 14540
SEWER PLAN AND PROFILE EASEMENT

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

ACCOUNT No.
DRAWING NUMBER
S-1434
SHEET 5 OF 6
95-168B



△1 NOTE: CONTRACTOR TO VERIFY EXISTING RIM AND FL. ELEV. PRIOR TO START OF ANY CONSTRUCTION.



UNDERGROUND SERVICE ALERT
CALL: TOLL FREE 1-800 227-2600
TWO WORKING DAYS BEFORE YOU DIG

SCALE 1 INCH = 40 FEET
40 30 20 10 0 40 80 120

CITY OF RIVERSIDE WATER SYSTEM
APPROVED BY: Richard L. Drake
DATE: 3-4-96

REGISTERED PROFESSIONAL ENGINEER SCOTT R. HILDEBRANDT NO. C44762 EXP. 3-31-98 CIVIL STATE OF CALIFORNIA

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
RIVERSIDE, CALIFORNIA
APPROVED BY [signature] DATE 2-21-96
R.E. No. C44762
W.O. 95-168 FOR: SPANOS CONSTRUCTION F.B. 1995

MARK	REVISIONS	APPR	DATE
1	ADDED LATERAL & MH 5A	RVZ	1-30-01

DESIGNED BY B.E.L. CHECKED BY SRH PLN CK REF 5-12

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		3/22/96
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF PUB. WKS. ENGR.		3/14/96

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 3/22/96

TRACT NO. 14540
SEWER PLAN AND PROFILE
& EASEMENT
QUAIL RUN ROAD

SCALE: HORIZ. 1"=40' VERT. 1"=8'

ACCOUNT No.
DRAWING NUMBER S-1434
SHEET 6 OF 6
95-168B