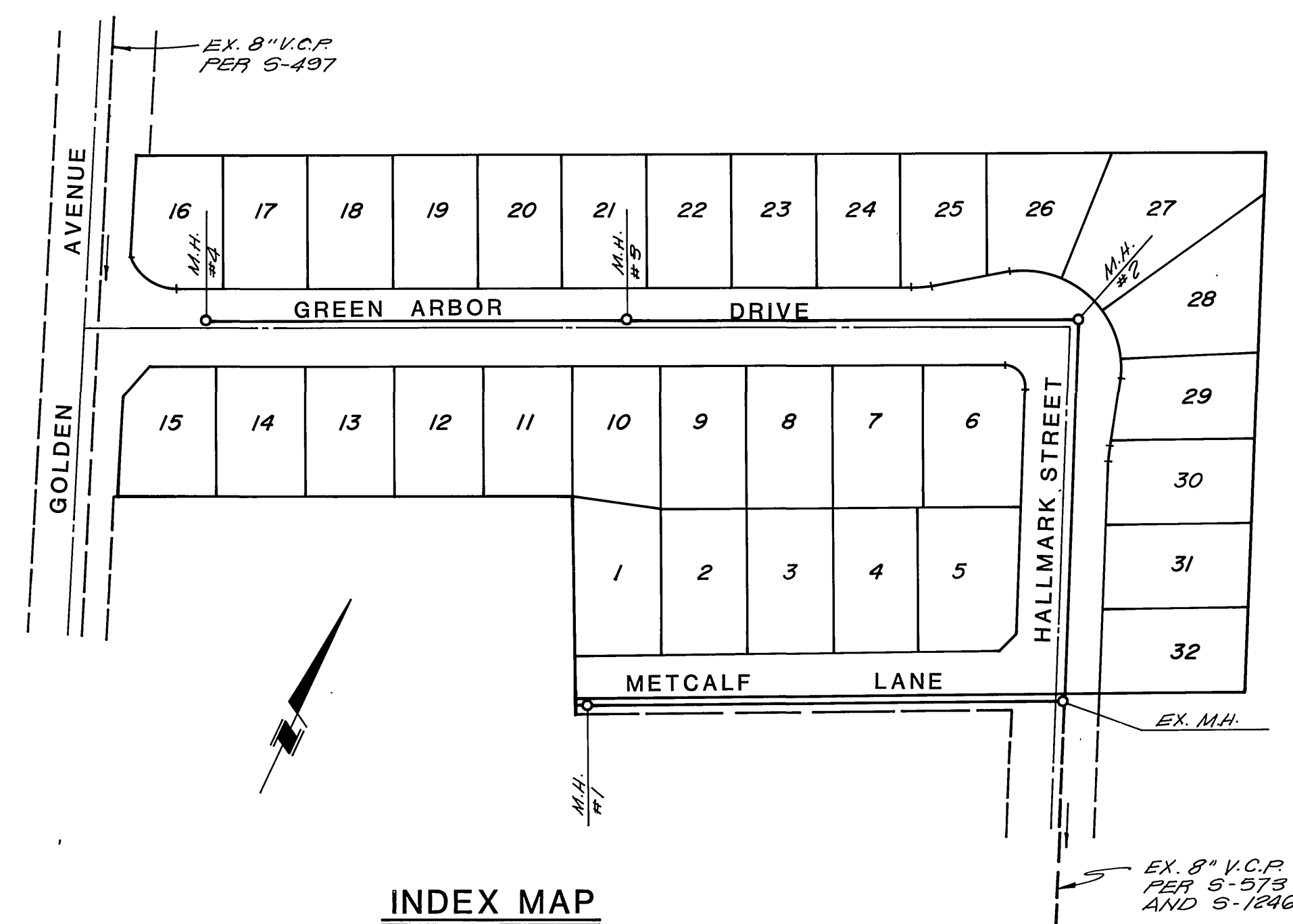


VICINITY MAP
NOT TO SCALE



INDEX MAP
SCALE: 1"=100'

CONSTRUCTION NOTES & QUANTITY ESTIMATE

NO.	ITEM	STD. DWG. No.	QUANTITY
①	8" V.C.P. SEWER MAIN		1,357 L.F.
②	4" V.C.P. LATERAL	562	963 L.F.
③	MANHOLE	500	4 EA.
④	CONC. ENCASUREMENT; CASE IV	452	9 L.F.

- GENERAL NOTES:
- 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.
 - 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.
 - 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.
 - QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
 - ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
 - CONTRACTOR IS TO VERIFY EXISTING SEWER ELEVATION PRIOR TO CONSTRUCTION.
 - LOCATION OF LATERALS TO BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE OWNER. AVOID CONFLICT WITH PROPOSED AND/OR EXISTING FACILITIES.
 - 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.
 - 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.
 - THE SEWER CONTRACTOR SHALL ADJUST MANHOLES TO FINAL GRADE AFTER PAVING IS COMPLETED.
 - LATERALS ARE TO BE 4" DIA. AND EXTEND TO PROPERTY LINE.
 - PIPE SHALL BE BEDDED PER CASE I, STANDARD DRAWING 452, UNLESS OTHERWISE NOTED ON THE PLAN.
 - ALL STUBS AND LATERALS TO BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DRAWING NO. 562, STUBS SHALL BE FLAGGED AND CAPPED.

NOTICE TO CONTRACTOR:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS 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 AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

UNDERGROUND STRUCTURES:

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

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.

California Council of Civil Engineers & Land Surveyors

BENCH MARK	BASIS OF BEARING
B.M. F2-B FD. CONC. MON. WITH NAIL CAPPED AT INTERSECTION OF SIERRA VISTA AVENUE AND NORWOOD AVENUE. ELEV. 786.734	THE CENTERLINE OF GOLDEN AVENUE BEING N. 21° 59' 52" W. AS SHOWN ON P.M.B. 133/90-91, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.



OWNER	CITY OF RIVERSIDE WATER SYSTEM
WOODCREST DEVELOPMENT OF ORANGE COUNTY, INC. 17911 MITCHELL AVENUE IRVINE, CALIF. 92714 (714) 660-0462	APPROVED BY: <u>David V. Havis</u> DATE: <u>11-18-86</u>

APPROVED BY: <u>Richard L. Brown</u> R.C.E. No. 16683 LIC. EXP. 6/30/89	DATE: <u>JUNE 9, 1986</u>
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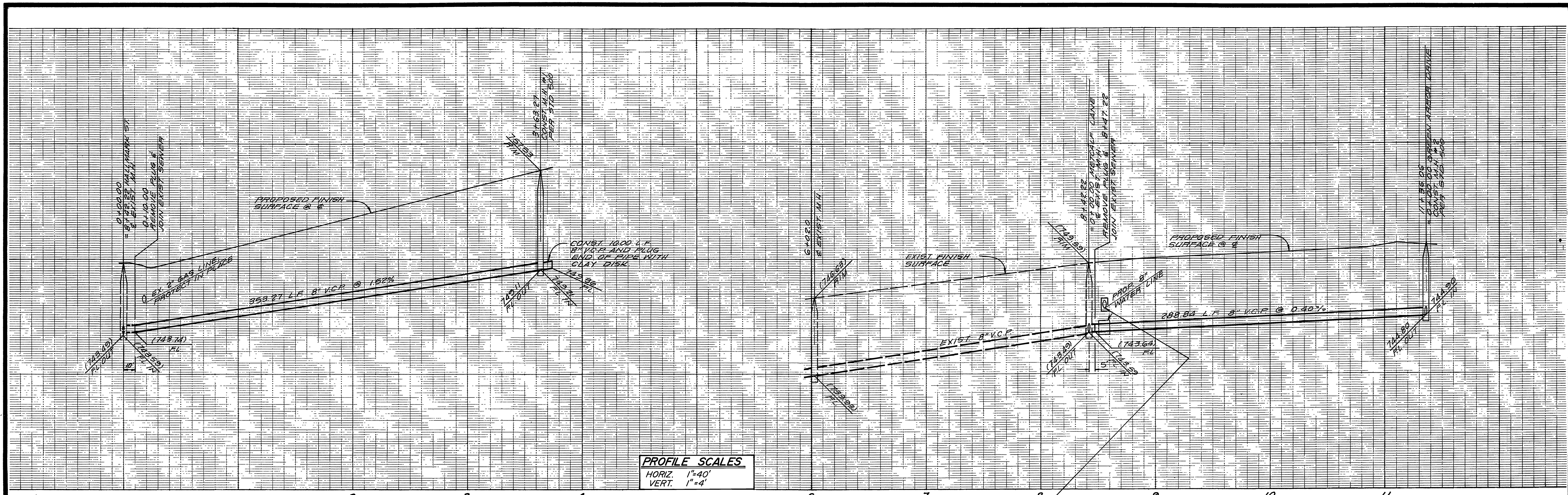
R.L. Brown & Associates, Inc.
CIVIL ENGINEERING • SURVEYING • LAND PLANNING
1442 Irvine Boulevard • Suite 125 • Tustin, CA 92680
(714) 669-0972

DESIGNED BY: <u>RLB</u>	DRAWN BY: <u>RLB/RLP</u>	CHECKED BY: <u>RLB</u>
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CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT			
APPROVED BY	DATE	BY	APPROVED BY
PRINCIPAL ENGINEER	<u>11/18/86</u>		<u>William D. Gardner</u>
PARK DEPARTMENT			PUBLIC WORKS DIRECTOR
TRAFFIC DIVISION			
CHIEF P.W. ENGINEER			DATE <u>1-7-87</u>

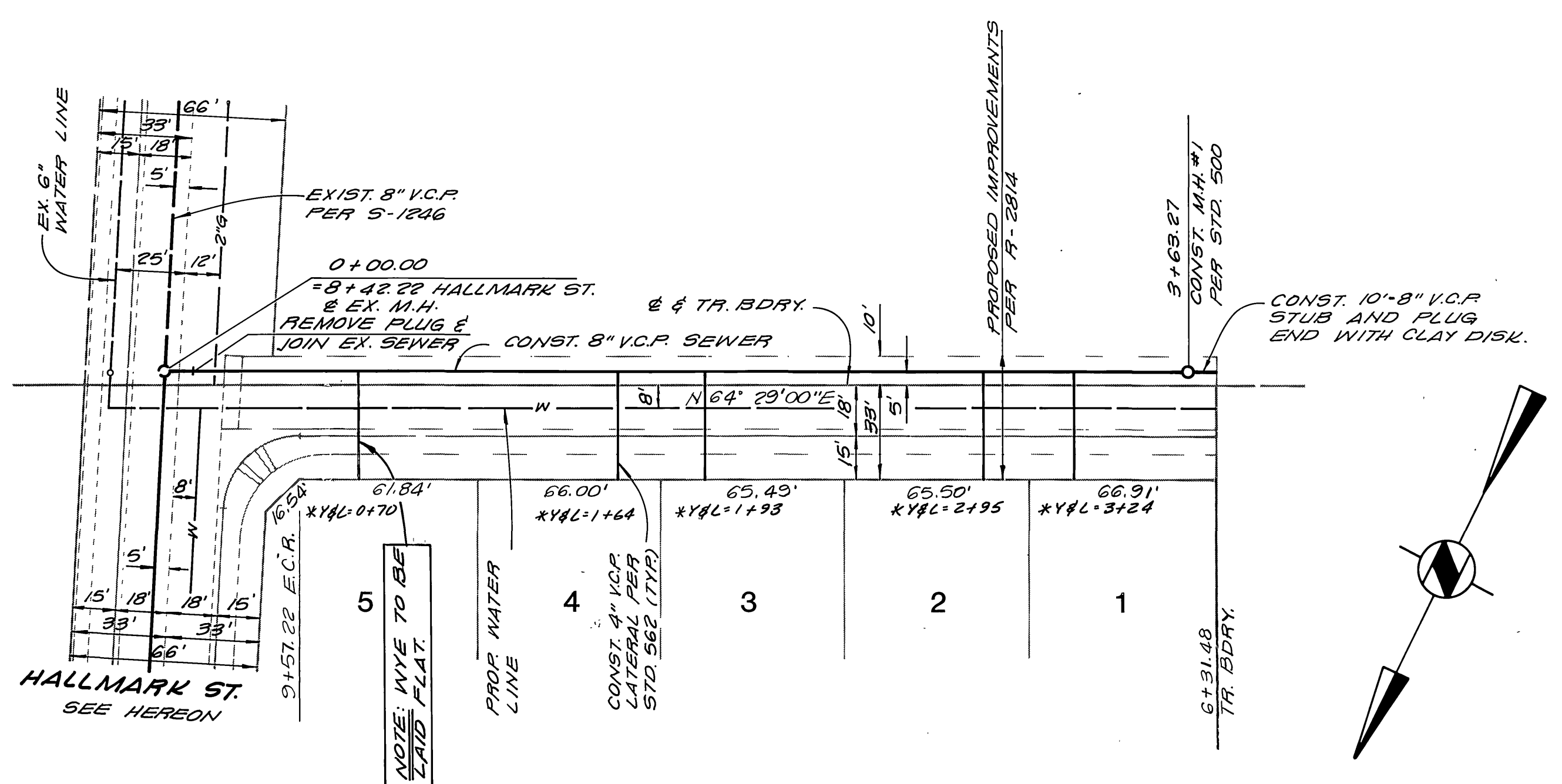
SEWER IMPROVEMENT PLANS	ACCOUNT NO. <u>S-1435</u>
TRACT NO. 10604	
TITLE SHEET	SHEET <u>1</u> OF <u>3</u>

*As built 2-11-88 JL INDEX GS.

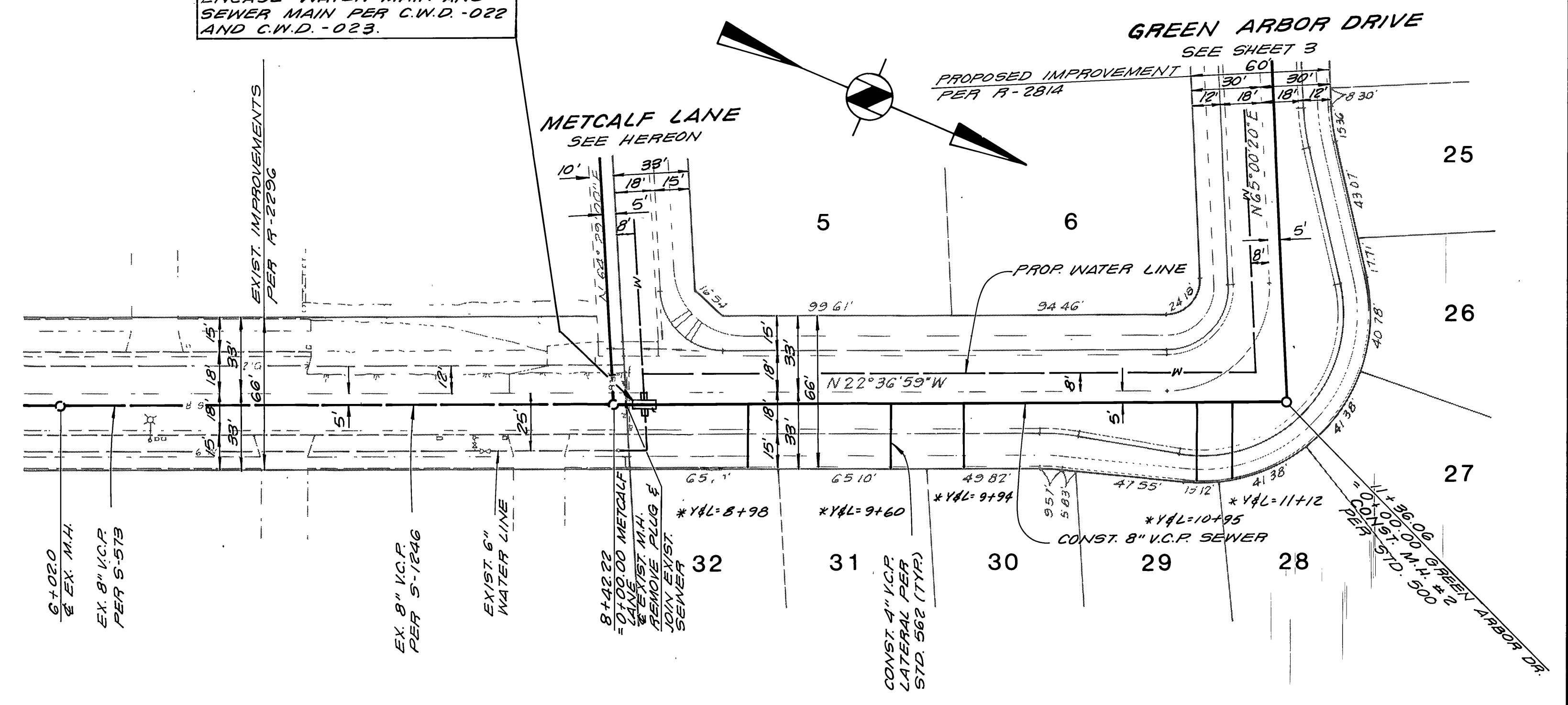


PROFILE SCALES
 HORIZ. 1"=40'
 VERT. 1"=4'

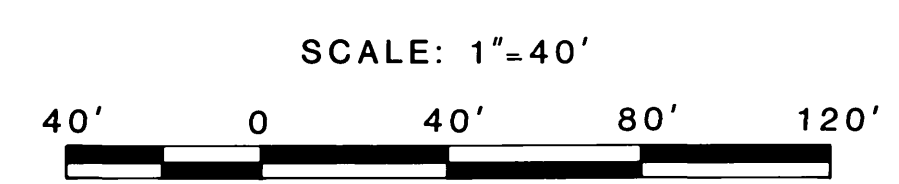
ENCASE WATER MAIN AND SEWER MAIN PER C.W.D.-022 AND C.W.D.-023.



METCALF LANE



HALLMARK STREET



CITY OF RIVERSIDE
 WATER SYSTEM
 APPROVED BY: *Daniel V. Garcia*
 DATE: 11-18-86



SOUTHERN CALIFORNIA
 GAS CO.
 APPROVED BY: *W. Houghman*
 DATE: 10-30-86

BENCH MARK
 B.M. F2-B
 FD. CONC. MON. WITH NAIL CAPPED
 AT INTERSECTION OF SIERRA VISTA
 AVENUE AND NORWOOD AVENUE.
 ELEV. 786.734

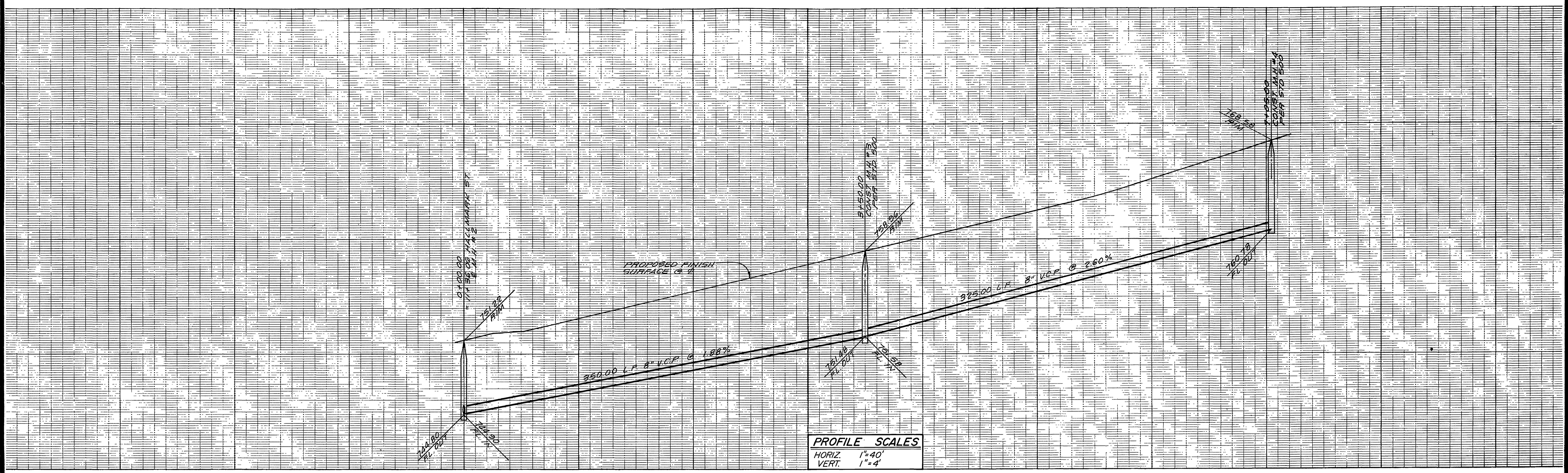
R.L. Brown & Associates, Inc.
 CIVIL ENGINEERING • SURVEYING • LAND PLANNING
 1442 Irvine Boulevard • Suite 125 • Tustin, CA 92680
 (714) 669-0972
 Richard L. Brown
 R.C.E. No. 16683 LIC. EXP. 6/30/89
 JUNE 9, 1986

MARK	REVISIONS	APPR.	DATE

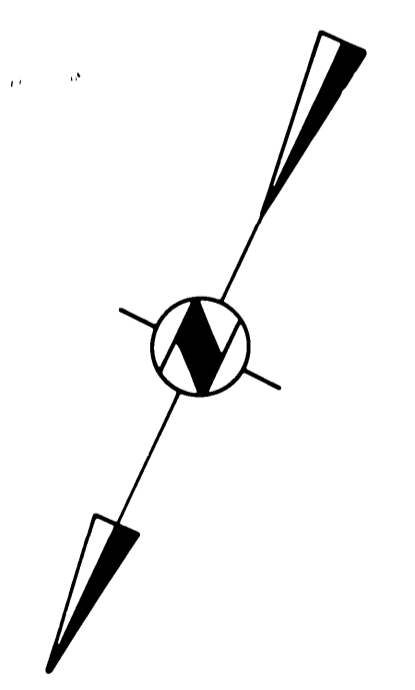
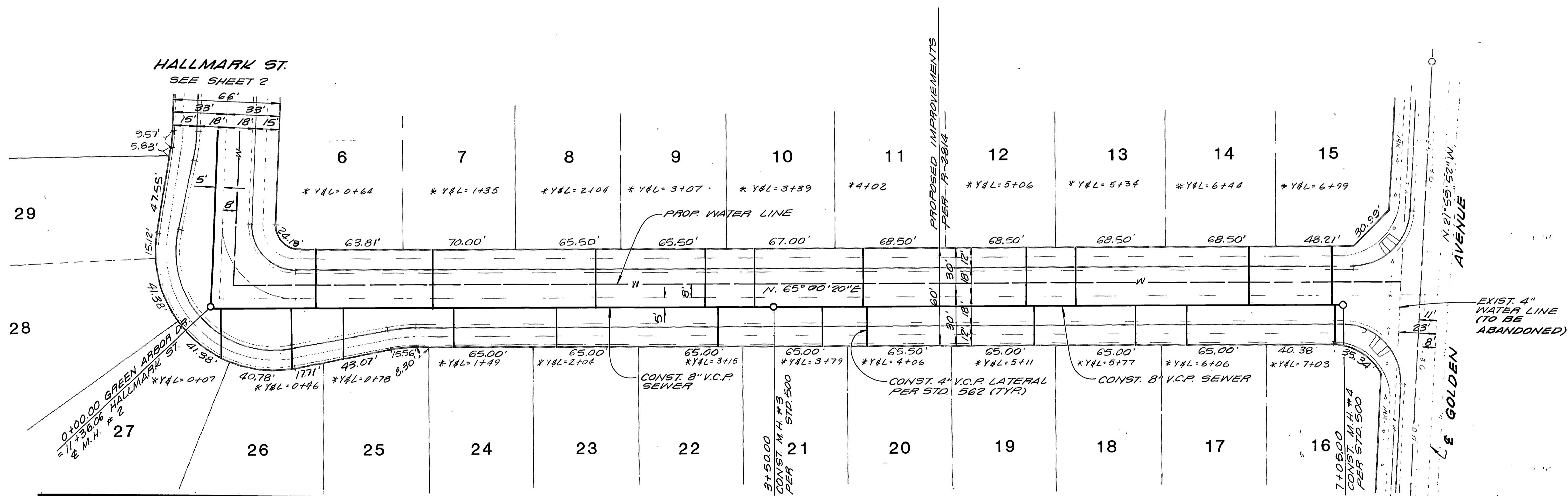
CITY OF RIVERSIDE
 PUBLIC WORKS DEPARTMENT
 APPROVED BY: *William D. Gardner*
 DATE: 1-7-87
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF P.W. ENGINEER

SEWER PLAN AND PROFILE
TRACT NO. 10604
METCALF LANE
HALLMARK STREET
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCOUNT NO.
 S-1435
 SHEET 2 OF 3



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



CITY OF RIVERSIDE
 WATER SYSTEM
 APPROVED BY: *Daryl V. Davis*
 DATE: 11-18-86



R.L. Brown & Associates, Inc.
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 1442 Irvine Boulevard • Suite 125 • Tustin, CA 92680
 (714) 669-0972

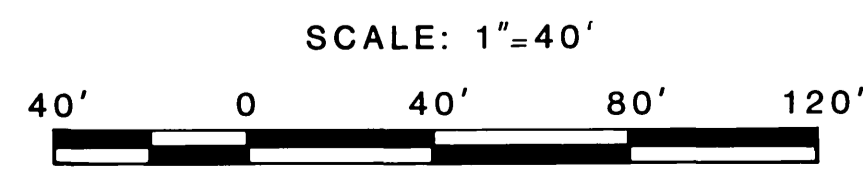
Richard L. Brown
 R.C.E. No. 16683 L.I.C. EXP. 6/30/89 DATE: JUNE 9, 1986

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
 APPROVED BY: *William D. Hansen*
 DATE: 1-7-87
 PUBLIC WORKS DIRECTOR

SEWER PLAN AND PROFILE
TRACT NO. 10604
GREEN ARBOR DRIVE
 HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCOUNT NO. S-1435
 SHEET 3 OF 3



BENCH MARK
 B.M. F2-B
 FD. CONC. MON. WITH NAIL CAPPED
 AT INTERSECTION OF SIERRA VISTA
 AVENUE AND NORWOOD AVENUE.
 ELEV. 786.734