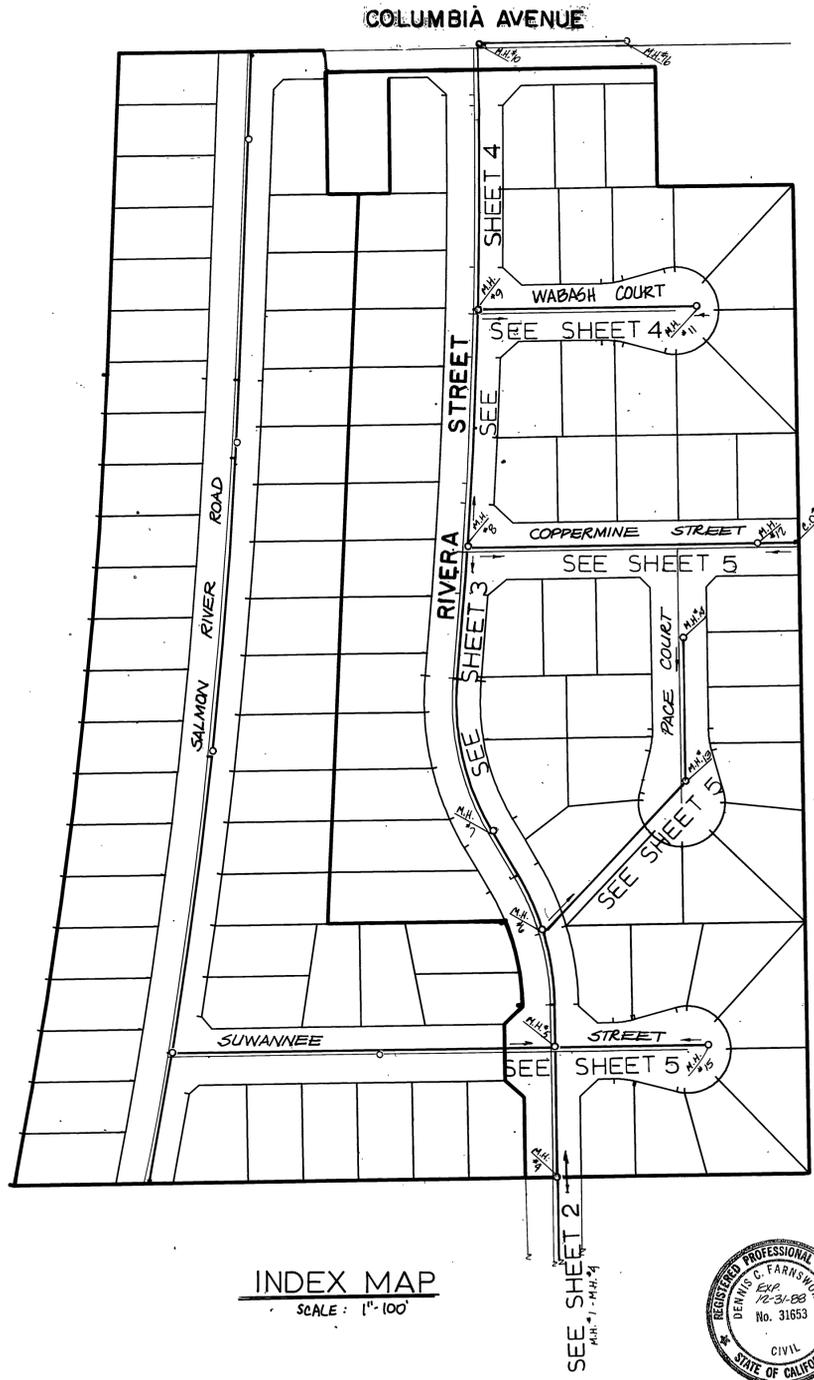
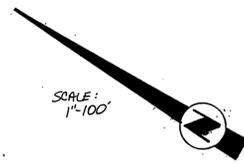
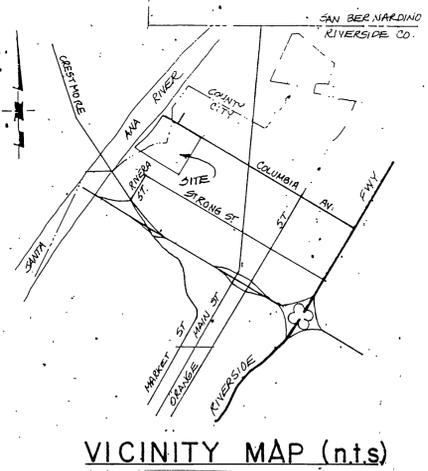


SEWER PLANS TRACT 22463-1



CONSTRUCTION NOTES	QUANTITIES
① CONSTRUCT 8" V.C.P. SEWER.	3580 LF.
② CONSTRUCT 1" V.C.P. SEWER LATERAL. PER STD. 562	1900 LF.
③ CONSTRUCT MANHOLE PER STD. 500.	16 EA.
④ CONSTRUCT CLEARDUT PER STD. 560.	1 EA.
⑤ CONSTRUCT 8" STUB AND PLUG PER NOTE 2, STD. 560.	2 EA.
⑥ ENCASE SEWER PIPE PER CITY WATER DEPT STDS. CWD-022, CWD-023	
⑦ CONSTRUCT 4" SEWER LATERAL W/ WYES FLAT	

- SEWER 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).
 - Location of laterals to be determined in the field at the direction of the owner. Avoid conflict with the proposed and/or existing facilities.
 - Contractor is to verify existing sewer elevation prior to construction.
 - 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.
 - 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.
 - The sewer contractor shall adjust manholes to final grade after paving is completed.
 - A plug shall be installed and remain in place where the new sewer connects with the existing sewer until the sewer is accepted by the City.
 - 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.
 - The contractor shall call in a location request to Underground Service Alert (USA), Phone No. (1-800-422-4133), 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 USA.
 - 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.
 - All stubs and laterals to be constructed in accordance with standard drawing 562
 - Laterals are to be 4" V.C.P. and extended to the property line.



SPECIAL NOTE REGARDING EXISTING UTILITIES

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 AS 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.

SPECIAL NOTE FROM PRIVATE ENGINEER TO CONTRACTOR

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR WILL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY, ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

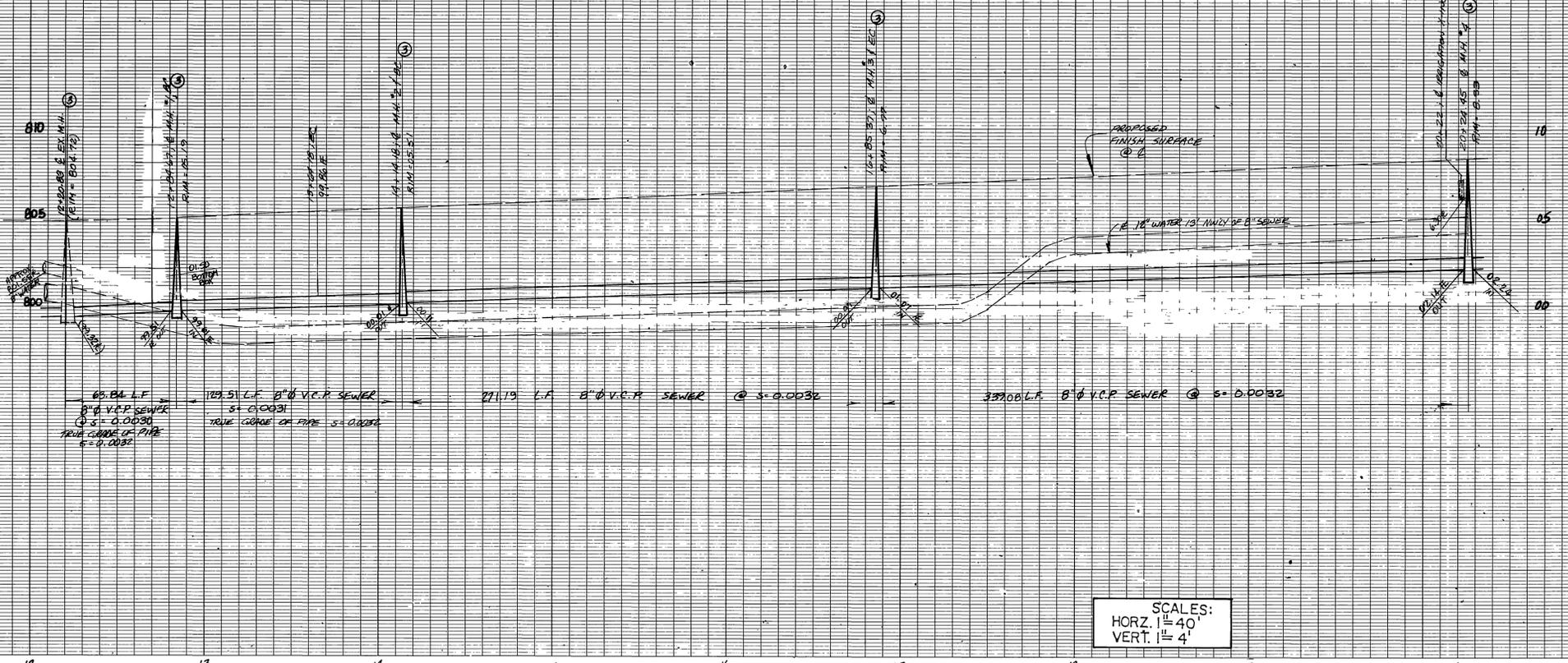
INDEX MAP
SCALE: 1"=100'



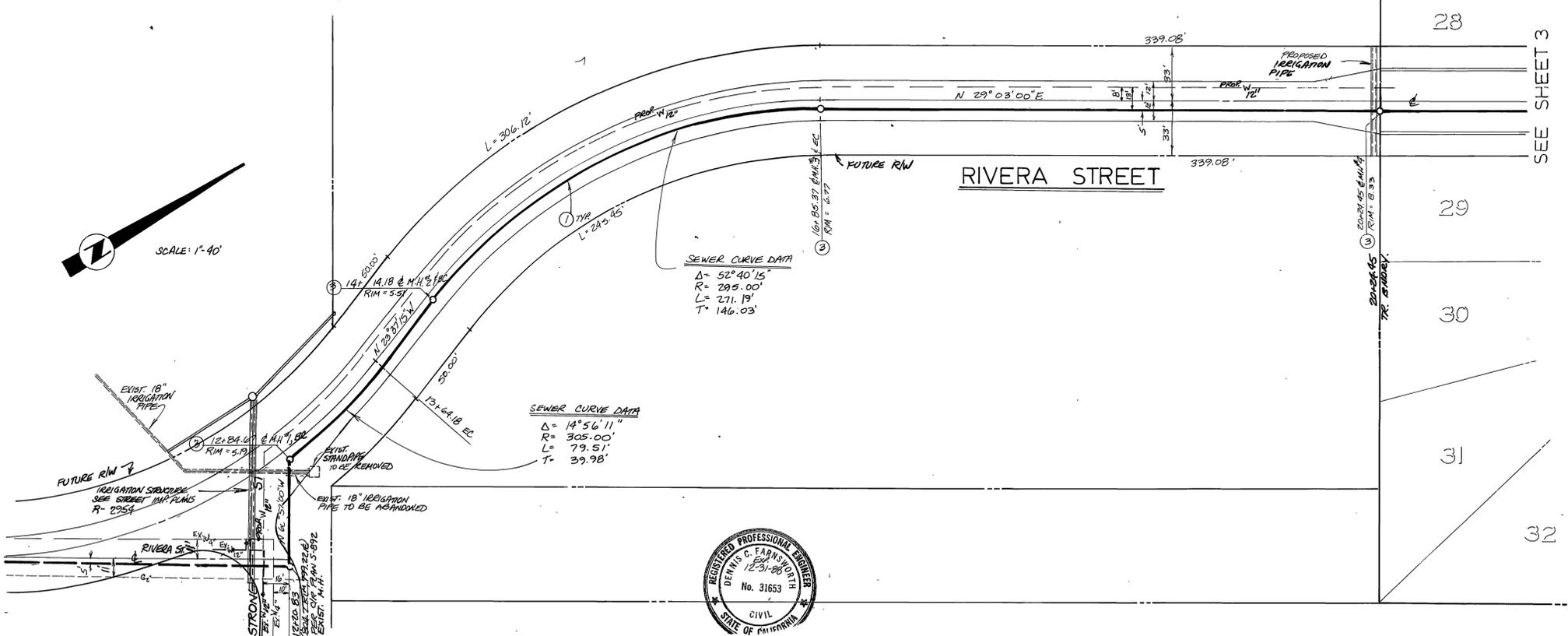
	DENNIS C. FARNSWORTH REGISTERED PROFESSIONAL ENGINEER No. 31653 CIVIL STATE OF CALIFORNIA	MARK: _____ REVISIONS: _____ APPR. DATE: _____	DESIGNED BY: <u>KJR</u> DRAWN BY: <u>KJR</u> CHECKED BY: <u>MJE</u>	BENCH MARK DESCRIPTION: CITY OF RIVERSIDE NO. J7-K PER P.B. 847/16. PK NAIL AND TAG IN EAST CURB OF MAIN STREET 18' + SOUTH OF BCR AT COLUMBIA AVENUE. ELEV: 813.23	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	TRACT 22463-1 SEWER IMPROVEMENT PLANS	S-1501 SHEET 1 OF 5
		APPROVED BY: _____ DATE: 2-29-88 PRINCIPAL ENGINEER	APPROVED BY: <u>Dennis Farnsworth</u> PUBLIC WORKS DIRECTOR	TRAFFIC DIVISION: _____ DATE: 1/26/89 CHIEF P.W. ENGINEER	HORIZ. SCALE: _____ VERT. SCALE: _____	INDEXED 3-28-89	

38000
K-E
KIDLEY & EBER CO.
1/4" X 50' TO THE INCH

38000
K-E
KIDLEY & EBER CO.
1/4" X 50' TO THE INCH



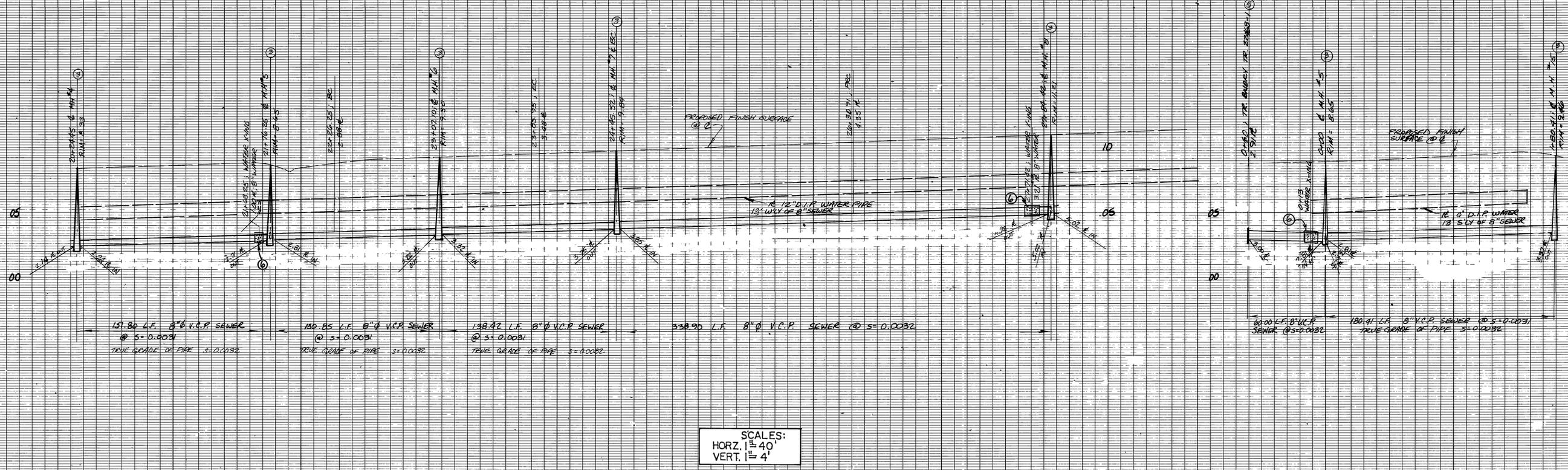
SCALES:
HORZ. 1" = 40'
VERT. 1" = 4'



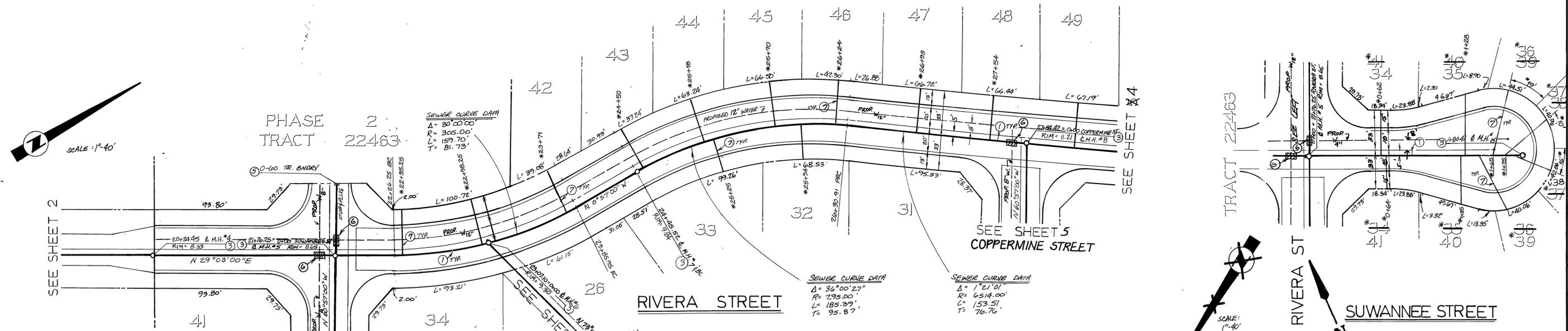
- CONSTRUCTION NOTES
- ① CONSTRUCT 8" V.C.P. SEWER.
 - ② CONSTRUCT MANHOLE PER STD. 500.



ALAMO WATER DISTRICT	CITY OF RIVERSIDE WATER DEPARTMENT	JDR CORPORATION	BENCH MARK DESCRIPTION: CITY OF RIVERSIDE NO. J7-K PER F.B. 847/16. PK NAIL AND TAG IN EAST CURB OF MAIN STREET 18' + SOUTH OF BCR AT COLUMBIA AVENUE. ELEV: 813.23	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	TRACT 22463-1 SEWER IMPROVEMENT PLANS RIVERA STREET	S-1501
 APPROVED DATE 1/26/89 Wam Wabo	 APPROVED DATE 1/26/89	 DENNIS C. FARNSWORTH 229-98 DENNIS FARNSWORTH RCE, 31653 DATE	MARK REVISIONS APPR. DATE DESIGNED BY KJR DRAWN BY KJR CHECKED BY MJE	APPROVED BY DATE BY PRINCIPAL ENGINEER 1-24-89 JDR PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER 1-26-89 JDR APPROVED BY DATE BY PUBLIC WORKS DIRECTOR Barry Best DATE 1/26/89	SHEET 2 OF 5 HORIZ. SCALE 1" = 40' VERT. SCALE 1" = 4' INDEXED 3-28-89 lfh	AS BUILT 9/30/86 BJM



SCALES:
HORZ. 1"=40'
VERT. 1"=4'



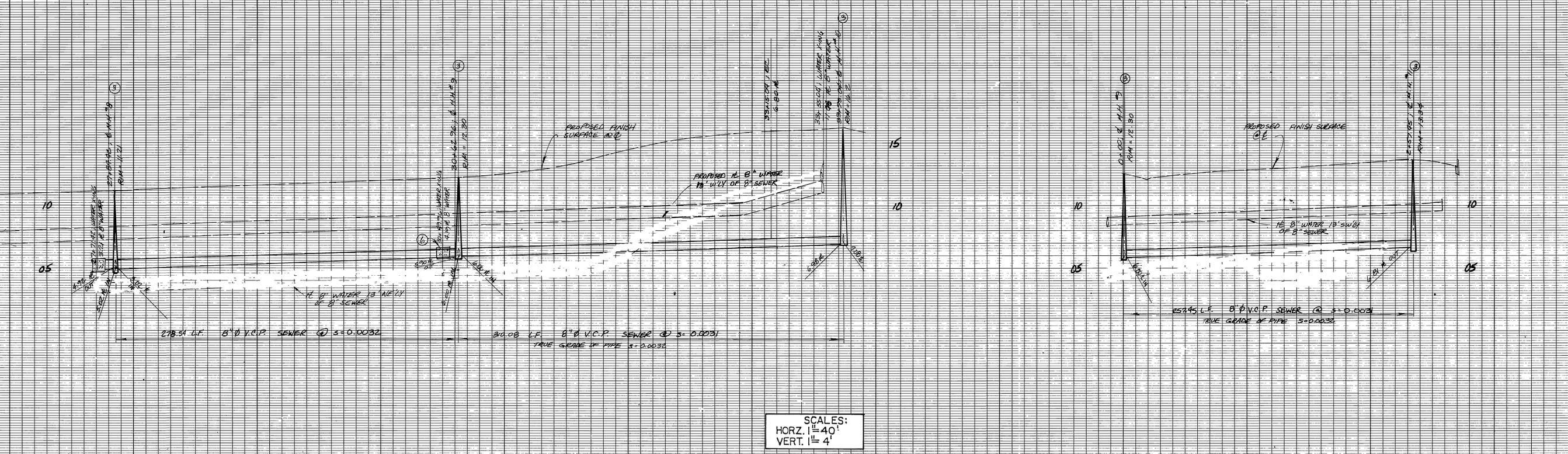
- CONSTRUCTION NOTES**
1. CONSTRUCT 8" V.C.P. SEWER
 2. CONSTRUCT 4" V.C.P. SEWER LATERAL
 3. CONSTRUCT MANHOLE PER STD. SDO.
 4. CONSTRUCT 8" SWS AND PLUS PER NOTE #2, STD. SDO.
 5. ENCASE SEWER PER CITY WATER DEPT. SDO'S CWD-022/ CWD 0-23.
 6. CONSTRUCT 4" V.C.P. LATERAL w/ FLAT NYES.



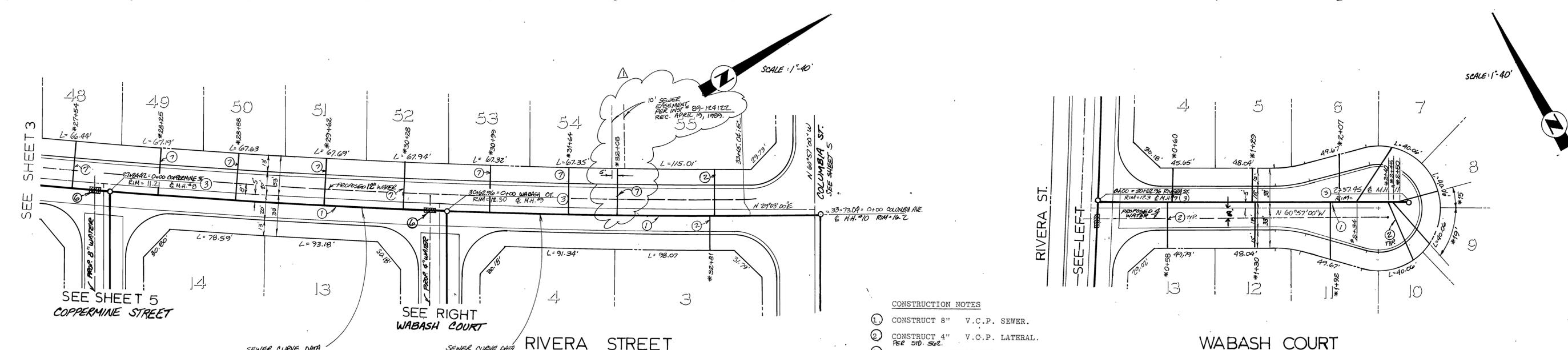
CITY OF RIVERSIDE WATER DEPARTMENT Carl Wlangan APPROVED DATE 5/25/89	JDR CORPORATION DENNIS L. FARNSWORTH REGISTERED PROFESSIONAL ENGINEER No. 31653 CIVIL STATE OF CALIFORNIA	BENCH MARK DESCRIPTION: CITY OF RIVERSIDE NO. J7-K PER F.B. 847/16. PK NAIL AND TAG IN EAST CURB OF MAIN STREET 18' + SOUTH OF BCR AT COLUMBIA AVENUE. ELEV: 813.23	CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT		TRACT 22463-1 SEWER IMPROVEMENT PLANS RIVERA STREET & SUWANNEE ST.		S-1501 SHEET 3 OF 5
			APPROVED BY PRINCIPAL ENGINEER PARK DEPARTMENT TRAFFIC DIVISION CHIEF P.W. ENGINEER	DATE 1-26-89 1/25/89	APPROVED BY PUBLIC WORKS DIRECTOR [Signature]	DATE 1/26/89	

PRINTED IN U.S.A. KETTER & KERRICK CO. 1/4" X 50 TO THE INCH

PRINTED IN U.S.A. KETTER & KERRICK CO. 1/4" X 50 TO THE INCH



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



SEWER CURVE DATA
 Δ = 2° 27' 00"
 R = 6514.00'
 L = 278.54'
 T = 139.29'

SEWER CURVE DATA
 Δ = 2° 13' 02"
 R = 6514.00'
 L = 252.08'
 T = 126.05'



- CONSTRUCTION NOTES
1. CONSTRUCT 8" V.C.P. SEWER.
 2. CONSTRUCT 4" V.C.P. LATERAL PER STD. SPEC.
 3. CONSTRUCT MANHOLE PER STD. 500.
 4. ENCASE SEWER PIPE PER CITY WATER DEPT. STDS. CWD-023 & CWD-023.
 5. CONSTRUCT 4" V.C.P. LATERAL W/ WYES FLAT. NO JOINTS IN WATER LINE 9' EA. SIDE OF WATER CROSSING.

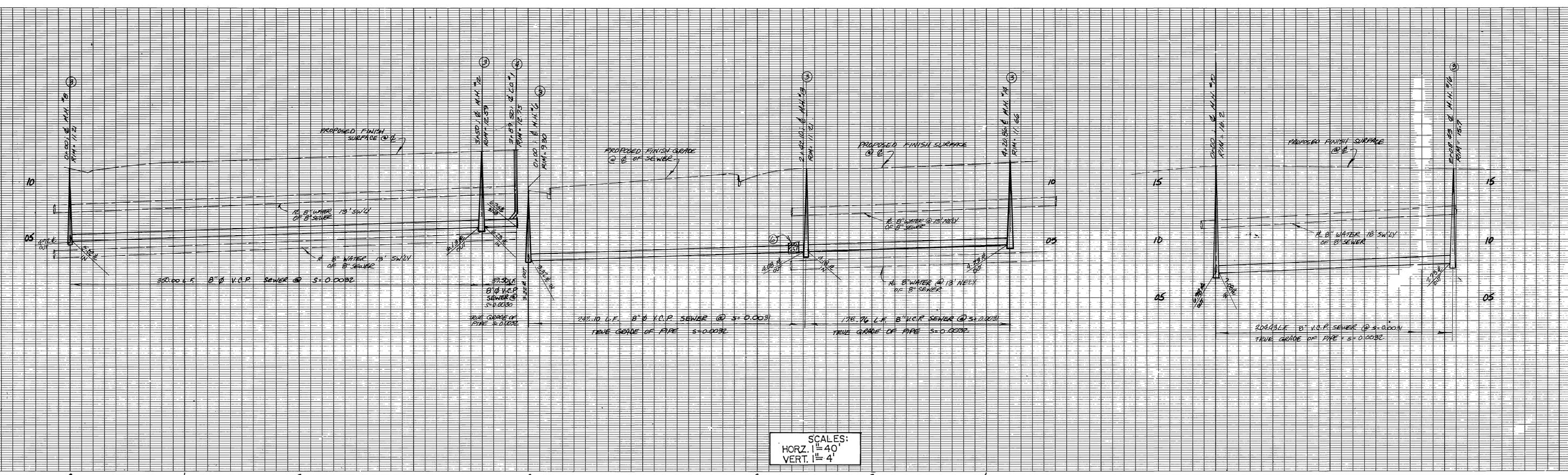
CITY OF RIVERSIDE WATER DEPARTMENT Carl Clements 5/25/18 APPROVED DATE		770 S. BREW BLVD. SUITE 330 RIVERSIDE, CALIFORNIA 92507 (951) 943-9340 FAX (951) 943-9340	BENCH MARK DESCRIPTION: CITY OF RIVERSIDE NO. J7-K PER F.B. 847/18. 3K NAIL AND TAG IN EAST CURB OF MAIN STREET 18' + SOUTH OF BCR AT COLUMBIA AVENUE. ELEV: 813.23	APPROVED BY PRINCIPAL ENGINEER DATE 1/26/18	APPROVED BY PUBLIC WORKS DIRECTOR DATE 1/26/18	TRACT 22463-1 SEWER IMPROVEMENT PLANS RIVERSIDE STREET & WABASH COURT	S-150J SHEET 4 OF 5
				CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	HORIZ SCALE 1" = 40' VERT SCALE 1" = 4'	INDEXED 3-28-18 JFH	

(FRONT) RIVERVIEW

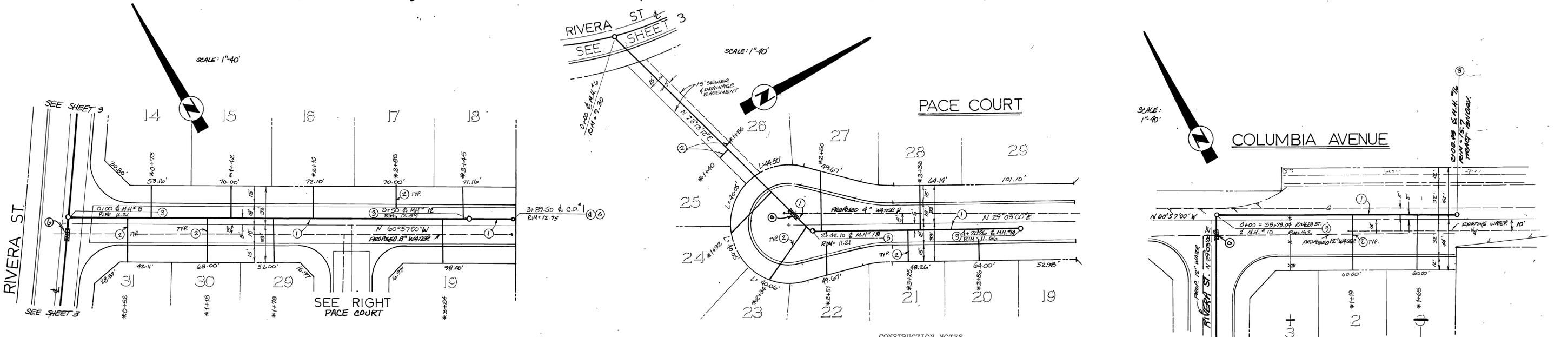
(FRONT)

LIMITED IN P.L. 2.5
K-E KEELLEY & EBERLE CO.
4 X 50 TO THE INCH

LIMITED IN P.L. 2.5
K-E KEELLEY & EBERLE CO.
4 X 50 TO THE INCH



SCALES:
HORZ. 1" = 40'
VERT. 1" = 4'



- CONSTRUCTION NOTES**
1. CONSTRUCT 8" V.C.P. SEWER.
 2. CONSTRUCT 4" V.C.P. LATERAL. PER STD. 562.
 3. CONSTRUCT MANHOLE PER STD. 500.
 4. CONSTRUCT CLEANOUT PER STD. 560.
 5. CONSTRUCT 8" SUB AND PLUG PER NOTE #2, STD. 560.
 6. ENCASE SEWER PIPE PER CITY WATER DEPT. STDS. CWD-022 & CWD-023.



CITY OF RIVERSIDE
WATER DEPARTMENT
Carl Wenzel
APPROVED DATE 5/25/88

JDR CORPORATION
DENNIS C. FARNSWORTH
REGISTERED PROFESSIONAL ENGINEER
CIVIL
STATE OF CALIFORNIA
No. 31653

BENCH MARK
DESCRIPTION: CITY OF RIVERSIDE
NO. J7-K PER F.B. 847/16. PK
NAIL AND TAG IN EAST CURB OF MAIN
STREET 18' + SOUTH OF BCR AT
COLUMBIA AVENUE. ELEV: 813.23

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY: [Signature]
DATE: 1/26/89
TRAFFIC DIVISION
CHIEF P.W. ENGINEER

TRACT 22463-1
SEWER IMPROVEMENT PLANS
COPPERMINE STREET, PACE COURT
& COLUMBIA AVENUE
S-1501
SHEET 5 OF 5
DATE: 1/26/89
HORIZ. SCALE: 1" = 40'
VERT. SCALE: 1" = 4'
INDEXED 3-28-89 LFH