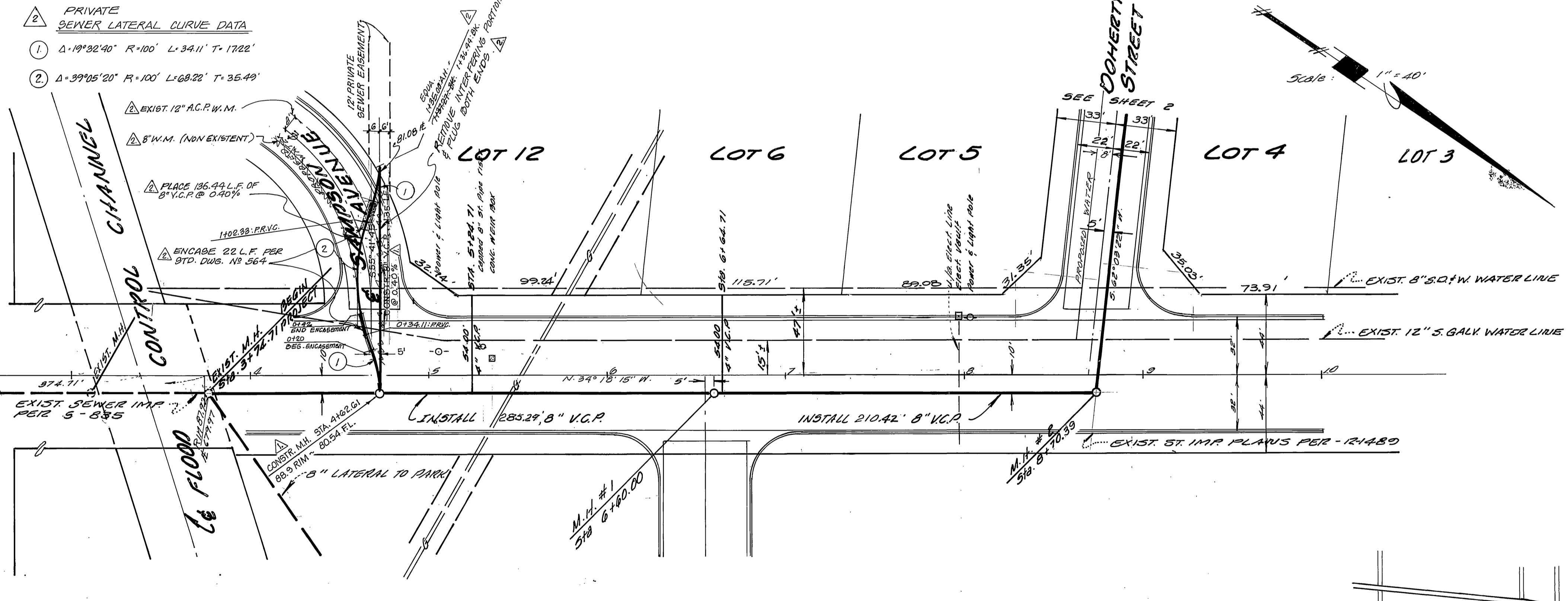


SCALE: VERTICAL 1" = 4'
HORIZONTAL 1" = 40'

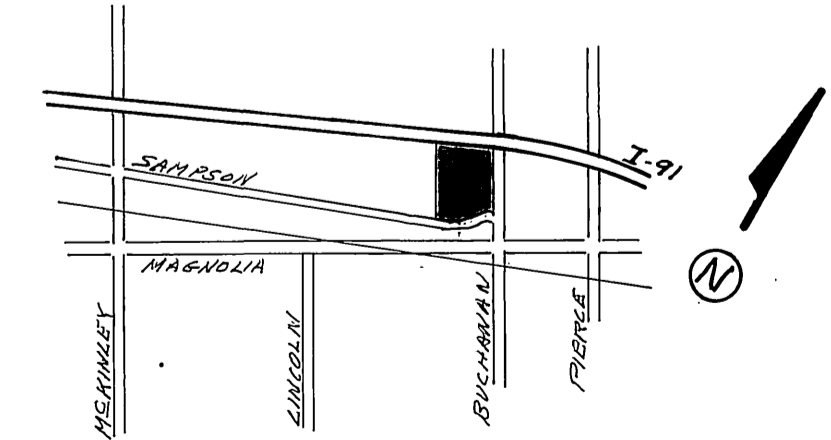
PRIVATE ENGINEER'S NOTE:
"THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION AS A RESULT OF ERRORS OR OMISSIONS, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY."

PRIVATE SEWER LATERAL CURVE DATA
 ① Δ=19°32'40" R=100' L=34.11' T=172.2'
 ② Δ=39°05'20" R=100' L=68.22' T=35.49'



CONSTRUCTION NOTES

1. CONSTRUCT SEWER MANHOLES PER CITY OF RIVERSIDE STD. NO. 500. ADJUST ALL RIMS TO FINAL STREET GRADE AFTER PAVING IS COMPLETED.
2. PIPE BEDDING SHALL CONFORM TO CITY OF RIVERSIDE STD. NO. 492, CASE 5
3. THE CONTRACTOR SHALL NOTIFY THE SOUTHERN CALIFORNIA GAS COMPANY AT (714) 922-5381 PRIOR TO STARTING ANY WORK IN THE VICINITY OF THE HIGH PRESSURE GAS MAIN.
4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND CITY OF RIVERSIDE STANDARD DRAWINGS.
5. NO WORK SHALL BE STARTED WITHIN THE STREET RIGHT-OF-WAY OR ON CITY PROPERTY'S UNTIL THE CONTRACTOR HAS OBTAINED THE NECESSARY PERMITS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING UNDERGROUND FACILITIES, SHOWN ON THESE PLANS OR OTHERWISE, PRIOR TO BEGINNING ANY CONSTRUCTION WORK.
7. BENCH MARK 'E-E', A P.N.M.C. AND 'T.A.B.' IN CULVERT HEADWALL ON THE WESTERLY CORNER OF MAGNOLIA AVENUE & BUCHANAN STREET. ELEVATION = 886.278
8. A PLUG WILL 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.



VICINITY MAP

CRIG SMITH
 CIVIL ENGINEER GEOLOGIST
 1627 BROOKSIDE AVE
 REDLANDS, CA 92373
 (714) 792-1338
 Craig Smith 9-25-78
 CRAIG SMITH RCE 20820

REVISIONS
J. F. DAVIDSON ASSOCIATES
 CIVIL ENGINEERS - SURVEYORS - PLANNERS
 RIVERSIDE, CALIFORNIA
 APPROVED BY *John W. Carty* DATE 9/14/80
 R.E. No. 17350

SOUTHERN CALIFORNIA GAS CO.
E. P. Rankin
 DATE 6-24-79
 CHIEF UTILITIES ENGINEER, WATER

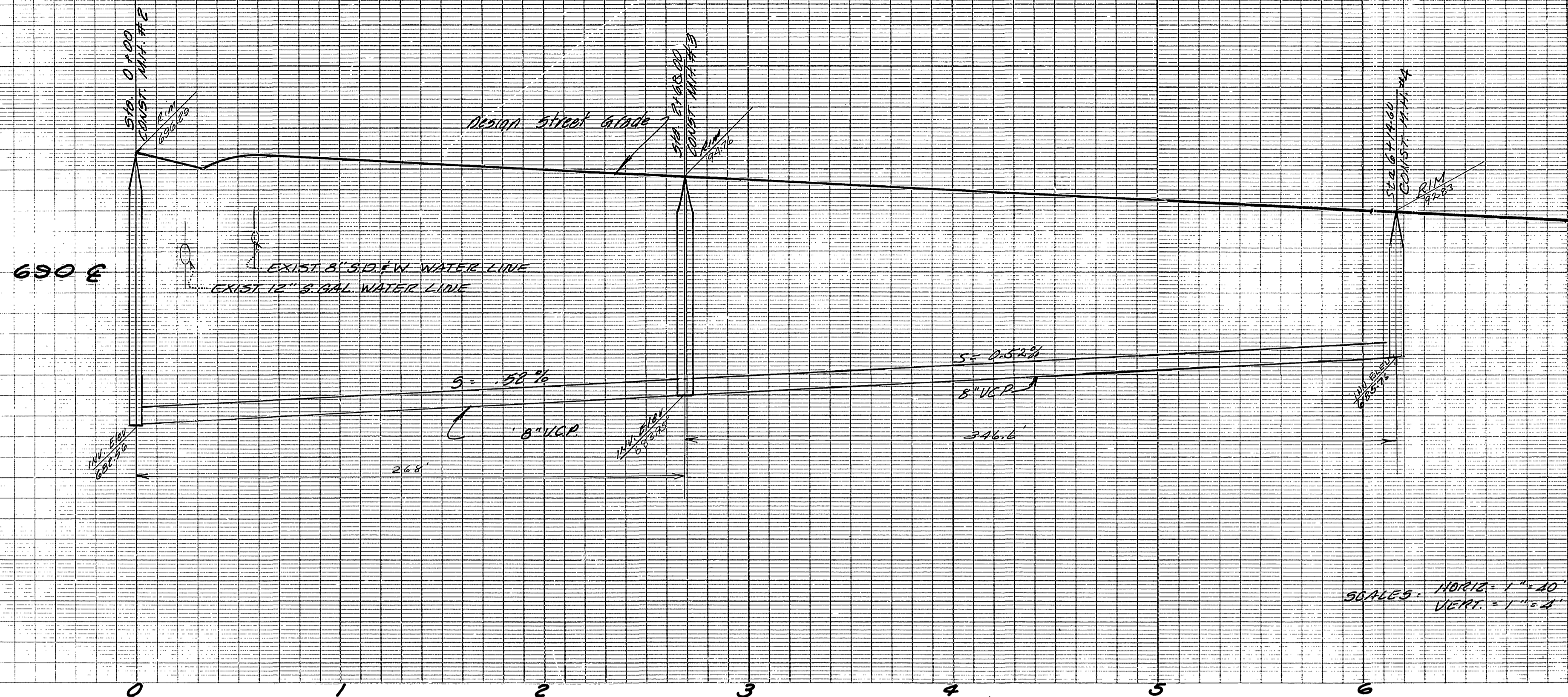
CITY OF RIVERSIDE DOMESTIC SYSTEM
Neil D. Stad
 DATE 6-27-79
 CHIEF UTILITIES ENGINEER, WATER

CITY OF RIVERSIDE ELECT. DEPT.
W. Hopkin
 DATE 2-27-79
 CHIEF ELECTRIC ENGINEER

CHANGED PRIVATE SEWER ALIGNMENT	4.7.81
CORRECTED WATER MAIN LOCATION	
ADDED MANHOLE & 8" V.C.P.	
PRIVATE SEWER LATERAL	
REVISIONS	DATE
DESIGNED BY CR	DRAWN BY EDL

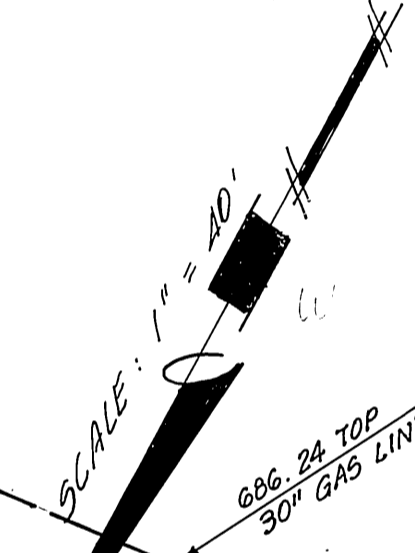
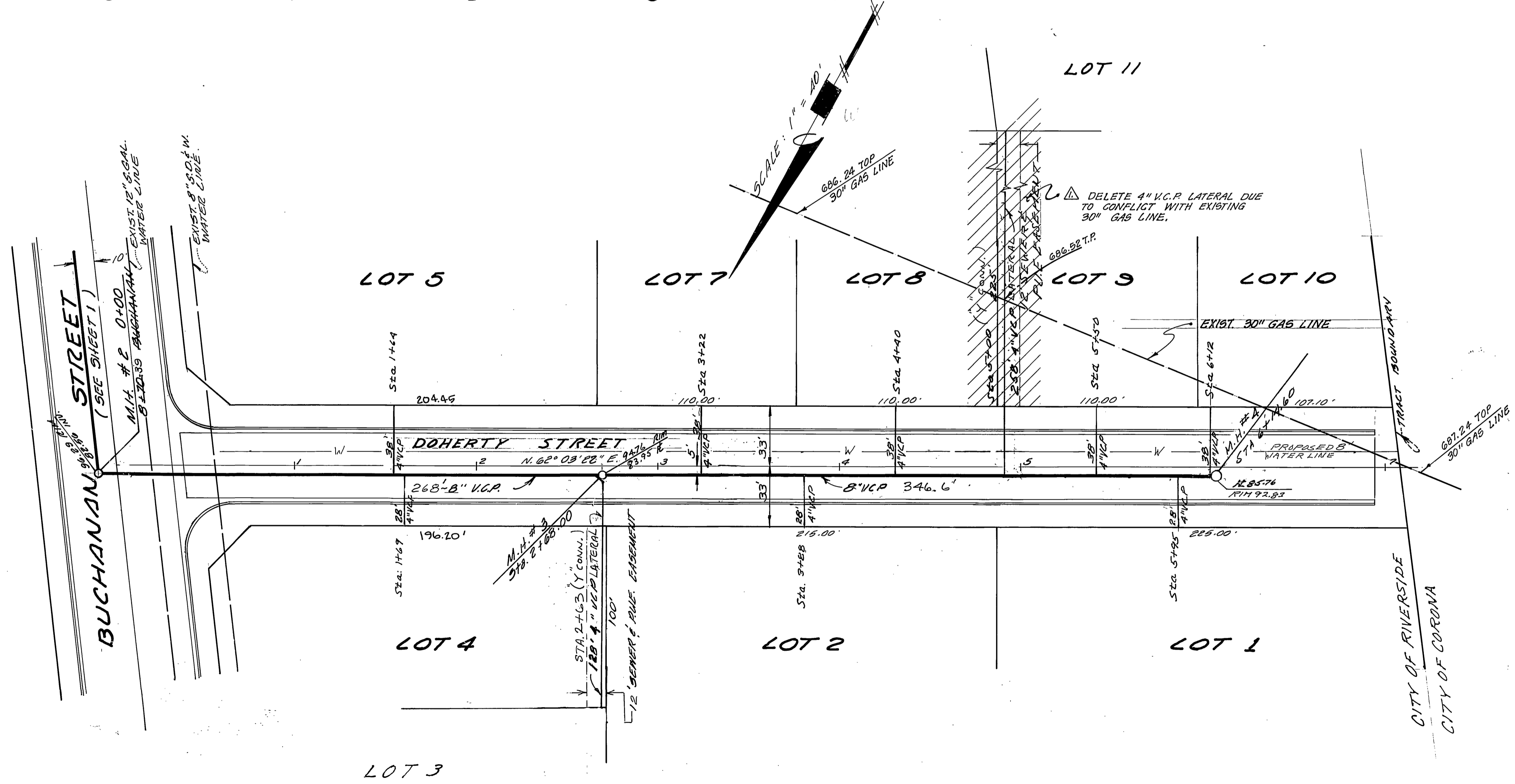
CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
 APPROVED BY *[Signature]* DATE 11/12/79
 BY DATE
 PRINCIPAL ENGINEER
 PARK DEPARTMENT
 TRAFFIC DIVISION
 CHIEF PUB. WKS. ENGR. DATE 11/13/79

SEWER PLAN AND PROFILE
BUCHANAN STREET
 (TR. 11.118)
 N'LY OF MAGNOLIA AVE.
 SCALE: HORIZ 1"=40' VERT. 1"=4'
 ACCOUNT No. _____
 DRAWING NUMBER
S-1211
 SHEET 1 OF 2



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

BENCHMARK: E.P.-E
PK NAILS TAG IN CULVERT HEADWALL ON
WESTERLY CORNER OF MAGNOLIA AVENUE
AND BUCHANAN STREET, C.R.F.S. 737153
ELEV. 686.878



LOT 11

LOT 5

LOT 7

LOT 8

LOT 9

LOT 10

LOT 4

LOT 2

LOT 1

LOT 3

FOR GENERAL NOTES - SEE BUCHANAN ST
SEWER INVE. PLANS.

* AS BUILT 5/20/81 138ET

INDEXED RKE

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1627 BROOKSIDE AVE.
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(714) 792-1338
Craig Smith 9-25-78
CRAIG SMITH TCE 20820

CITY OF RIVERSIDE DOMESTIC SYSTEM
CITY OF RIVERSIDE ELECT. DEPT.
A.D. Stock 6-26-79
CHIEF UTILITIES ENG. WATER DATE
J.P. Ruffin 2-27-79
CHIEF ELECTRIC ENGINEER DATE

CITY OF RIVERSIDE, CALIFORNIA PUBLIC WORKS DEPARTMENT			
APPROVED BY	BY	DATE	APPROVED BY
PRINCIPAL ENGINEER	[Signature]	10/28/80	[Signature]
PAWK DEPARTMENT			DIRECTOR OF PUBLIC WORKS
TRAFFIC DIVISION			
CHIEF PUB. WKS. ENGR.			
DATE	11/13/79		

SEWER
PLAN AND PROFILE
DOHERTY STREET
(TR. II.118)
WLY OF BUCHANAN STREET

ACCOUNT NO.
DRAWING NUMBER
5-1211
SHEET 2 OF 2

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