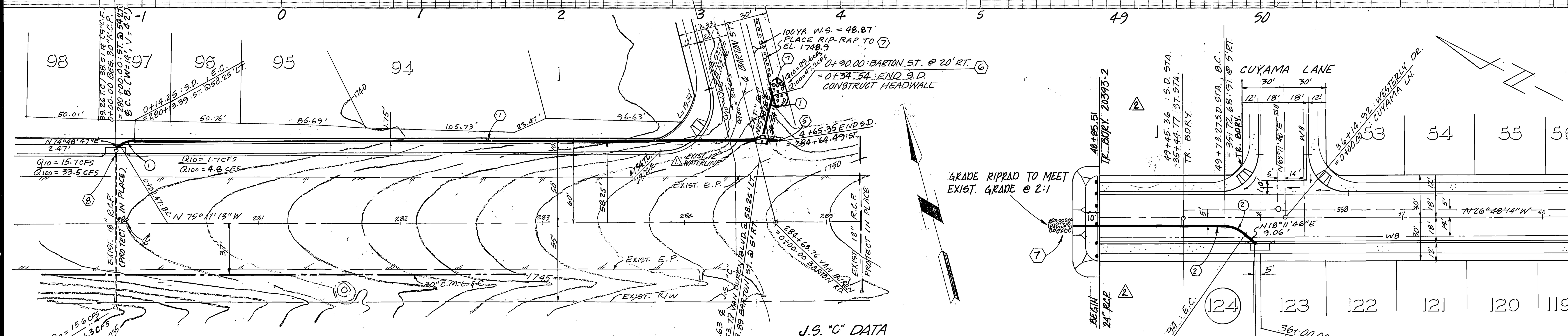
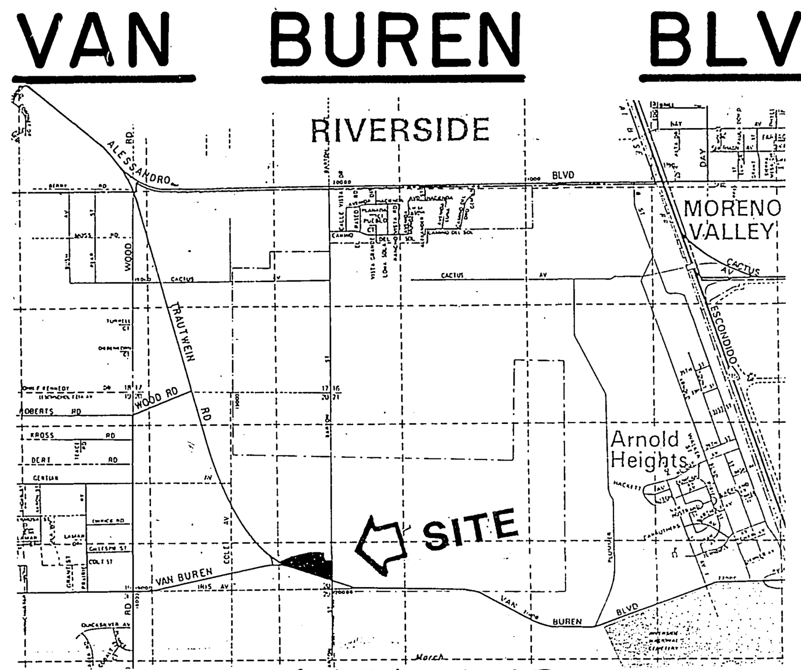


VAN BUREN BLVD.

WESTERLY DRIVE



VICINITY MAP (N.T.S.)

CONSTRUCTION NOTES

1. CONSTRUCT 30" R.C.P. (1000 D).
2. CONSTRUCT 24" R.C.P. (2000D).
3. CONSTRUCT C.B. PER CITY OF RIVERSIDE STD. # 405.
4. CONSTRUCT J.S. "C" PER CITY OF RIVERSIDE STD. #422.
5. CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. # 456.
6. CONSTRUCT HEADWALL PER CALTRANS STD. D89 (JULY 1984 EDITION). (SEE DETAILS THIS SHEET).
7. PLACE RIP-RAP AS SHOWN ON PLANS.
8. CONSTRUCT 18" R.C.P. (2000D).

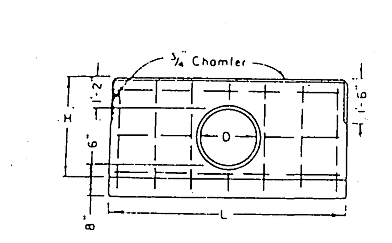
J.S. "C" DATA

A = 78°50'32"
B = 30"
C' = 3.14'
D_1 = D_2 = 30"
E' = 3.14'
L' = 4.14'
ELEV. R = 42.97
ELEV. S = 42.93

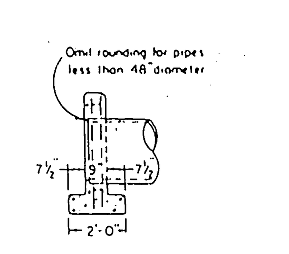
STORM DRAIN CURVE DATA

NO	R	Δ	L	T
1	22.50'	30°00'00"	11.78'	6.03'
2	22.50'	45°00'00"	17.67'	9.32'

D in	H ft-in	L ft-in	SINGLE Steel Lbs	SINGLE Conc Cu Yds
12	2-8	5-0	35	0.60
15	2-11	6-0	40	0.75
18	3-2	7-0	50	0.91
21	3-5	7-6	60	1.02
24	3-8	8-6	75	1.20
27	3-11	9-6	85	1.39
→ 30	4-2	10-0	85	1.52



FRONT ELEV. SINGLE HEADWALL



SECTION, SINGLE

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 Dwgs., STD. DWG. NO. 10.1 & THE STD. SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. All-flagged elevations shall be staked in the field by the private engineer.
4. 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.
5. 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.
6. Notice to contractor. The existence and location of any underground utility pipes or structures shown on these plans were 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 precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these plans.
7. 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 shall 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.
8. BEFORE THE RIP-RAP IS ACCEPTED, AS PLACED, AT THE OUTLET OF ANY DRAINAGE STRUCTURE, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIVE FIRE HYDRANTS IN THE IMMEDIATE AREA.
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. 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.

INDEXED 8-4-87

AS BUILT

REGISTERED PROFESSIONAL ENGINEER JEFFREY D. SIMS No. 4832 CIVIL STATE OF CALIFORNIA 11/14/93

Underground Service Alert
Call: TOLL FREE
1-800
422-4133
CALL BEFORE YOU DIG
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

REGISTERED PROFESSIONAL ENGINEER JOHN W. CANTY No. 17550 CIVIL STATE OF CALIFORNIA

PREPARED ~~UNDER~~ THE DIRECTION OF: John W Canty
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6-30-89 DATE: 12/23/86
APPROVED BY:

J.F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 493 ■ RIVERSIDE, CA 92502 (714) 686-0844
11200 SO. MT. VERNON AVE. #D □ COLTON, CA 92324 (714) 825-1082
73-080 EL PASEO, #103 □ PALM DESERT, CA 92260 (619) 346-5691
JFD ASSOCIATES

DATE DEC 1986

BENCH MARK: V.B. 10-64 RIVERSIDE COUNTY
BRASS DISK FLUSH & MARKED V.B. 10-64, 0.6' MI. E. ON VAN BUREN BLVD. FROM INT. OF VAN BUREN & WOOD RD., 205' N. OF VAN BUREN @ THE N.E. SIDE OF GRANITE BOULDERS, ON TOP OF 3'x15'x18' BOULDER.
ELEVATION 1700.670'

MARK	REVISIONS	APPR.	DATE
2	EXTEND SD. 59.89' FOR TR. 20393-2 FRED		
1	NEW GRADE FOR STORM DRAIN TO CLEAR EXIST. WATERLINE FRED MM 9-23-88		11/1/88

DESIGNED BY LRS DRAWN BY CMF CHECKED BY FRED LRS

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		5-15-87
PARK DEPARTMENT	—	—
TRAFFIC DIVISION		6-12-87
CHIEF P. W. ENGR.		6-18 / 6/16/87

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 6/18/87

TRACT 20393-1
STORM DRAIN PLAN & PROFILE
VAN BUREN BLVD.
WESTERLY DRIVE

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

PROJECT NO. D-512
SHEET 1 OF 1
FILE NO. 86-9447(M)

HOMESTEAD