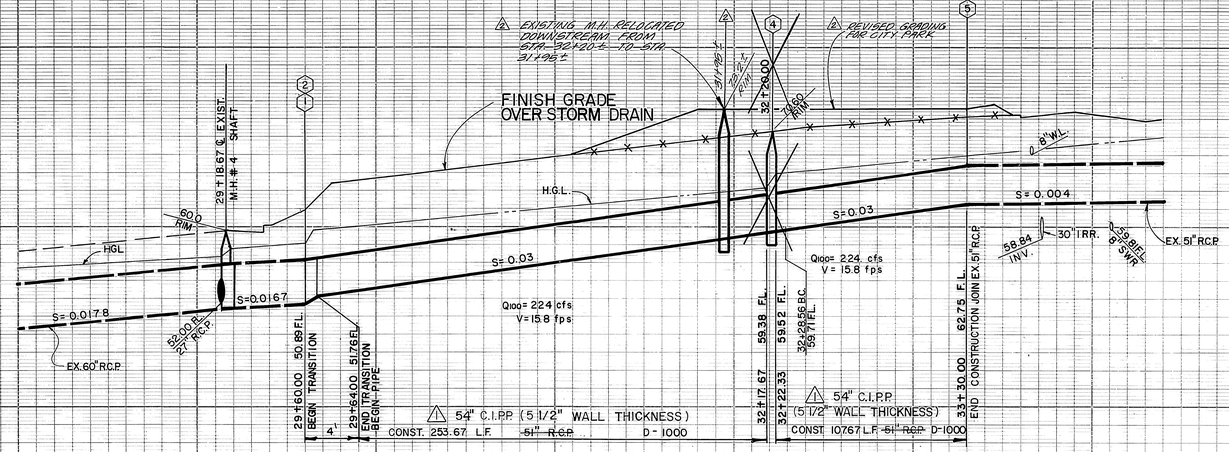
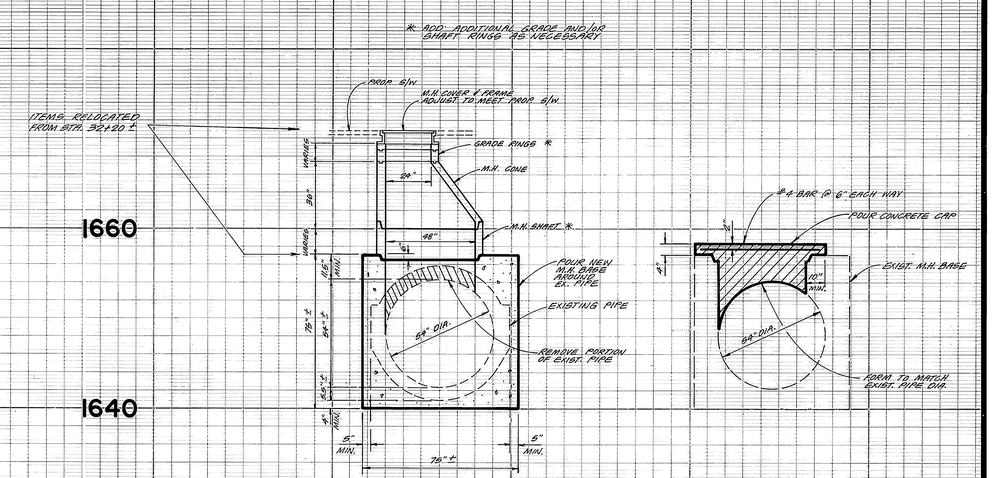
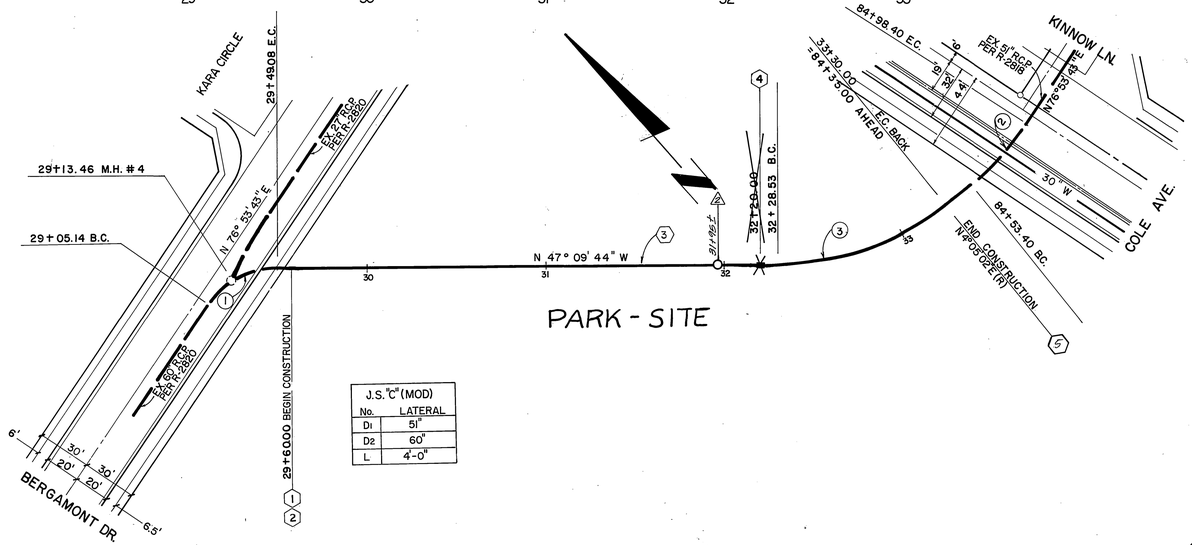




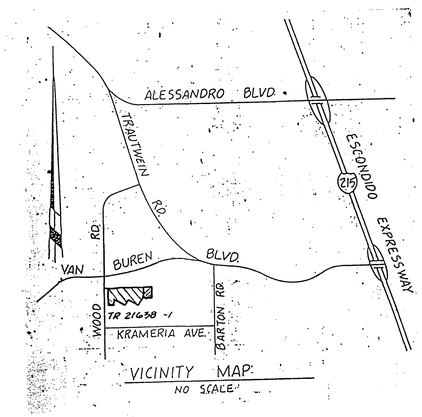
△ RELOCATED MANHOLE
FROM STA. 32+20± TO STA. 31+95±
N.T.S.

△ CAP FOR EXISTING M.H.
AT STA. 32+20±
N.T.S.



J.S."C" (MOD)	
No.	LATERAL
D1	51"
D2	60"
L	4'-0"

LINE "S"



VICINITY MAP
NO SCALE

STORM DRAIN GENERAL NOTES

1. QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING No. 10, AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. 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 AT NO COST TO THE CITY.
4. 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.
5. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION THE PRIVATE ENGINEER SIGNING THESE PLANS SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
6. 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.
7. 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.
8. ALL EMBANKMENT FILL SHALL BE COMPACTED TO MINIMUM OF 90% MAXIMUM DRY DENSITY AND SHALL BE OF AN APPROVED QUALITY.
9. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE (5) DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR.

STORM DRAIN CONSTRUCTION NOTES

1. REMOVE INLET AND RIP-RAP STRUCTURE
2. CONSTRUCT JUNCTION STRUCTURE "C" (MOD.) PER CITY OF RIVESIDE STD. 422
3. △ CONSTRUCT ~~51" R.C.P.~~ STORM DRAIN ASTM CL. III (1000-D), 54" C.I.P.P. (5 1/2" WALL THICKNESS)
4. CONSTRUCT MANHOLE AX PER CITY STD. #430
5. REMOVE OUTLET AND RIP-RAP STRUCTURE

CURVE DATA				
No		R	L	T
1	55°56' 33"	45.00	43.94	23.90
2	17°11' 19"	150.00	45.00	22.67
3	38°45' 14"	150.00	101.47	52.76

REGISTERED PROFESSIONAL ENGINEER RUSSELL E. SHARP No. 28248 Exp. 3-31-94 CIVIL STATE OF CALIFORNIA

REVISION 2 PREPARED BY:
INTEGRA ENGINEERING, INC.
LAND SURVEYORS * CIVIL ENGINEERS
621 E. CARNEGIE DR. #120, SAN BERNARDINO, CA. 92408
TELEPHONE (714) 383-0200 FAX (714) 383-0203
APPROVED BY: Russell E. Sharp DATE: 8/3/92
REGISTERED CIVIL ENGINEER No. 28248 · EXPIRES 3/31/94

INDEXED 7-21-87 4H

Underground Service Alert
CALL BEFORE YOU DIG
Call: Toll Free
1-800 422-4133
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. CATY No. 17550 Exp. 6/30/89 CIVIL STATE OF CALIFORNIA

PREPARED UNDER THE DIRECTION OF: John W. Caty
REGISTERED CIVIL ENGINEER NO. 17550
EXPIRATION DATE 6-30-89 DATE: 6/8/87
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

SCALE
DATE APRIL 1987

BENCH MARK: V.B. 10-64 ELEV. 1700.670
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'X 15' X 18' BOULDER.

MARK	REVISIONS	APPR.	DATE
2	RELOCATED M.H. FROM STA. 32+20 TO 31+95 & REVISED GRADES OVER PIPE (31+00 TO 33+60)	WLH	8/3/92
1	CHANGED PIPE TO 54" C.I.P.P.	WLH	8/19/87

DESIGNED BY N.S. DRAWN BY T.C. CHECKED BY N.M.M.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		10-6-86
TRAFFIC DIVISION		
CHIEF P.W. ENGR.	WLH	8/19/87

APPROVED BY: Barry Beck
DIRECTOR OF PUBLIC WORKS
DATE 7/1/87

TRACT 21638-1
PARK-SITE
STORM DRAIN
LINE "S"
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 8'

PROJECT NO. D-516
SHEET ___ OF ___
FILE NO. 9379

RC-2110