FOXCROFT STREET

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 effects 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. NO. 10 & THE 1982 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.

LATERAL "A"

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

PROP. GRADE @ ℄ S.D.

CONST. 36" -39" RCP @ 0.40 %

CONSTRUCT 381.99 L.F. ~ 24" R.C.P. @ 0.41 %

CONST. 193.17 L.F. OF 24" R.C.P. @ 0.41 %

C.B.#5 W= 4' V= 6.63' Q_{10}= 4.9 C.F.S. T_c = 15.6 MIN.

Q_{10} = 5 C.F.S. V = 2.8 F.P.S.

Q_{10} = 20 C.F.S. V = 6.4 F.P.S.

Q_{10} = 53 C.F.S. V = 6.4 F.P.S.

Q_{10} = 15.0 C.F.S. V = 4.8 F.P.S.

49+83.50 ℄ M.H.J.M. = 0+00.00 E & W

49+86.17 ℄ M.H. SHAFT

53+75.00 ℄ M.H.E.Z.

1600 ℄

1595 ℄

LATERAL "D"

SCALE: HORZ. 1" = 10' VERT. 1" = 4'

PROP. GRADE @ ℄ S.D.

C.B.#6 W= 7' V= 6.9'

Q_{10} = 30.0 C.F.S. T_c = 18.0 MIN.

CONST. 29.83 L.F. OF 18" R.C.P. (D= 2000) @ 1.44 %

C.B.#4 W= 14' V= 6.39' Q_{10} = 19.2 C.F.S. T_c = 30.5 MIN. (Q_{50} = 20 C.F.S.)

EXIST. 30" W/L

CONST. 43.86 L.F. 21" R.C.P. @ 6.00 %

C.B.#3 W= 4' V= 6.40'

LATERAL "B"

SCALE: HORZ. N.T.S. VERT. 1" = 4'

PROP. GRD. @ ℄ S.D.

C.B.#2 W= 14' V= 6.15' Q_{10}= 22.0 C.F.S. Q_{50} = 30 C.F.S. T_c = 18.0 MIN.

CONST. 9.90 L.F. 21" R.C.P.

CONST. 53.80 L.F. +27" R.C.P. @ 0.99 %

Q_{10} = 22.0 C.F.S. V = 9.2 F.P.S.

Q_{10} = 43.0 C.F.S. V = 10.8 F.P.S.

Q_{10} = 5 C.F.S. V = 4.8 F.P.S.

C.B.#3 W= 4' V= 6.40'

LATERAL "C"

SCALE: HORZ. N.T.S. VERT. 1" = 4'

PROP. GRD. @ ℄ S.D.

C.B.#1 W= 7' V= 5.34' Q_{10} = 7.6 C.F.S. T_c = 16.9 MIN.

CONST. 9.90 L.F. 21" R.C.P. @ 20.00 %

CONST. 84.47 L.F. ± 21" R.C.P. @ 0.76 %

CONST. 251.87 L.F. ~ 24" R.C.P. @ 0.41 %

Q_{10} = 7.6 C.F.S. V = 4.3 C.F.S.

Q_{10} = 18.0 C.F.S. V = 5.7 F.P.S.

Q_{10} = 10.3 C.F.S. V = 4.3 F.P.S.

1600 ℄

1595 ℄

CONSTR. TEMPORARY PLUG PER STD. #496

SEE RIGHT

PORT ROYAL WAY

0+66.88

0+64.87 E.C.

0+09.90 B.C.

GRADE TO DRAIN 390'± @ S=0.1% MIN.

21" R.C.P. 9.90 L.F. S45°18'59"E

24" R.C.P.

133.85 L.F. N00°18'59"W

49+83.50 ℄ M.H.J.M. = 0+00.00 E & W

0+51.62

51+17.35 B.C.

53+75.00 ℄ M.H.E.Z.

0+74.78

M.H. J.M. DATA

A_1	45°	A_2	45°
B_1	18"	B_2	27"
C_1'	4.50'	C_2'	5.00'
D_1	24"	D_2	39"
$EL\,R_1$	94.48	$EL\,R_2$	93.92
$EL\,S_1$	94.27	$EL\,S_2$	93.90
E'	8.09'		
L'	10.01'		

STORM DRAIN CURVE DATA

NO	Δ	R	L	T
①	10°06'46"	80.01'	14.12'	7.08'
②	34°53'14"	80.01'	48.72'	25.14'
③	45°00'00"	80.01'	62.83'	33.14'
④	45°00'00"	70.00'	54.97'	28.99'
⑤	35°32'43"	599.00'	371.61'	192.00'

J S B DATA

A	79°53'21"
B	18"
C'	2.72'
D	24"
E'	1.35
F	0.31'
G	0.26'
L'	2.29'
EL'R	97.11
EL'S	97.07

M.H. J.M. DETAIL

N.T.S. ⑨

49+82.00 END 39" R.C.P.

49+83.50 ℄ M.H.J.M.

49+86.17 ℄ M.H. SHAFT D= 36"

49+91.17 BEG 24" R.C.P.

⑪ LATERAL "A"

0+00.00 LAT "A"

0+74.78

GENERAL NOTES (CONT'D.)

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.

PORT ROYAL WAY

0+00.00 ℄ M.H.J.M. = 49+83.50 N. & S.

0+09.90 B.C.

0+64.87 E.C.

0+66.88 ℄ M.H.E.Z.

3+23.08 ℄ M.H.E.Z.

4+09.38 END S.D.

LATERAL "D"

39" R.C.P. 9.90 L.F. ~ N45°18'59"W

CB#6, W=7', V=6.9'

N13°15'15"E ~ 29.83'

N89°41'01"E

27" R.C.P. 2.01 L.F. 24" R.C.P.

21" R.C.P. 9.90 L.F. ~ N45°18'59"W

286.20 L.F.

86.30 L.F.

CB#5 W= 4' V= 6.40'

CB#2 W= 14' V= 6.15'

CB#1 W= 7' V= 5.34'

PLUG PER STD. # 456

② LATERAL "C" (9.90 L.F. N45°18'59"W)

LATERAL "B"

FOXCROFT ST. SEE LEFT

GOLDBORO LANE

CONSTRUCTION NOTES

1. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. #405 (AS SHOWN ON PLAN).
2. INSTALL 18" R.C.P., (D 2000).
3. INSTALL 21" R.C.P. (D 1350).
4. INSTALL 24" R.C.P. (D 1350).
5. INSTALL 27" R.C.P. (D 1250). AS BUILT 2-21-91 LH
6. CONSTRUCT J.S.B. PER CITY OF RIVERSIDE STD. #421.
7. INSTALL 39" R.C.P. (D 1250).
8. CONSTRUCT MANHOLE EZ PER CITY OF RIVERSIDE STD. #431.
9. CONSTRUCT MANHOLE J M PER CITY OF RIVERSIDE STD. #432.
10. CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. #424.
11. CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. #456.
12. PLACE ½-TON GROUTED RIP-RAP (10'X 10' X 2.5' DEEP AS SHOWN). INDEXED LH 4/30/87

VICINITY MAP

N T S

RIVERSIDE, SITE, MORENO VALLEY, Arnold Heights

CITY OF RIVERSIDE / WATER SYSTEM

Approved By: David V. Garcia 3-16-87 Date

PREPARED UNDER THE DIRECTION OF: John W. Canty

REGISTERED CIVIL ENGINEER NO. 17550

EXPIRATION DATE 6-30-89 DATE 7/23/86

APPROVED BY:

SCALE

DATE JULY 1986

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

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

BENCH MARK: CITY OF RIVERSIDE BENCHMARK #F8-E P.K. NAIL & CITY TAG IN TOP OF LARGE ROCK 70'± S'LY SIDE ALESSANDRO BLVD. & 0.60 MILE S'LY OF VIA VISTA DR. NEAR P.P. NO. 7 75963 H. ELEV. = 1502.195

MARK REVISIONS APPR. DATE

DESIGNED BY L.R.S. DRAWN BY CMF CHECKED BY L.R.S.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	5-21-87
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	[illegible]	5-21-87
CHIEF P. W. ENGR.	[illegible]	5-29-87

APPROVED BY: [illegible] DIRECTOR OF PUBLIC WORKS

DATE 5/29/87

TRACT 21403-1

STORM DRAIN
FOXCROFT ST. & PORT ROYAL WY.

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

PROJECT NO. D-499

SHEET 1 OF 1

FILE NO. 86-9189 (M)