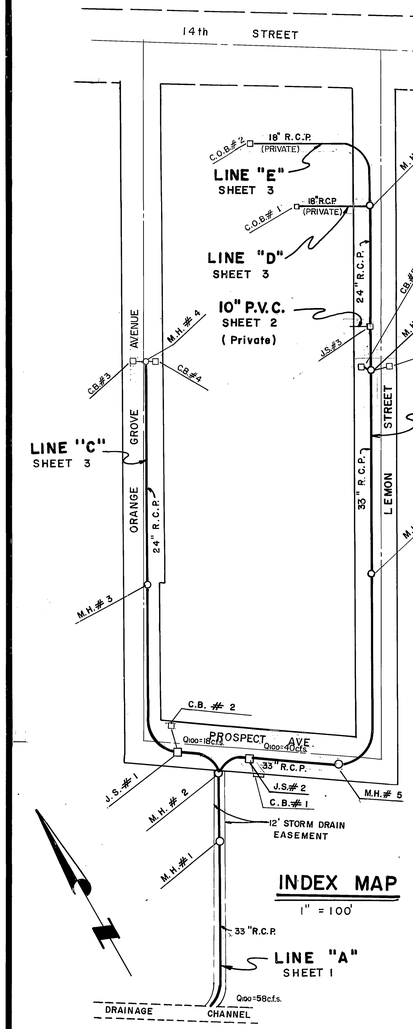
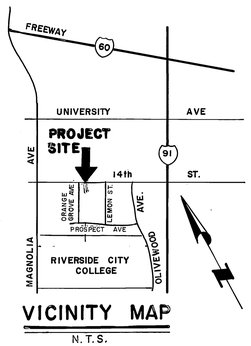


INDEX MAP
1" = 100'



VICINITY MAP
N. T. S.

GENERAL NOTES

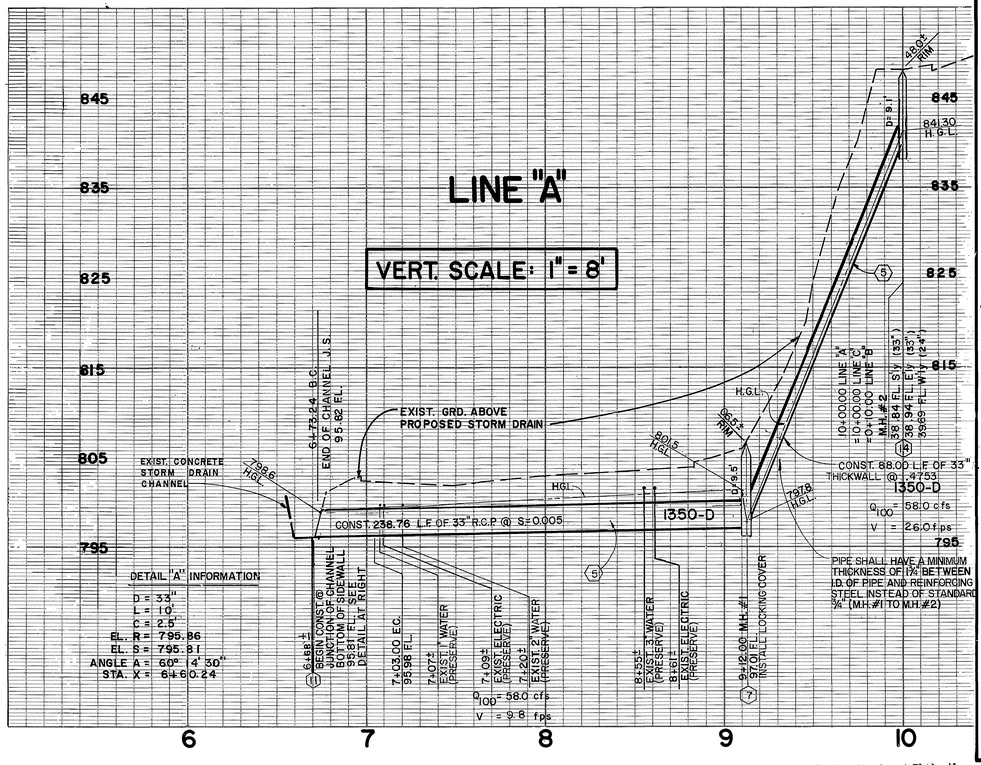
1. *It shall be the responsibility of the contractor to clear the right-of-way in accordance with the provisions of the law as it affects each utility including irrigation lines and appurtenances and at no cost to the city.*
2. Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, Standard Drawing No. 10 and the Standard Specifications for Public Works Construction, current edition.
3. *Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.*
4. *All flagged elevations shall be staked in the field by the private engineer.*
5. Contractor shall replace all existing ground cover, A.C. pavement, and curb and gutter in kind.
6. *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.*
7. 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.
8. 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.
9. *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.*
10. *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, indemnity 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.*
11. Any traffic control striping obliterated and/or badly worn during construction shall be restored by the contractor within five days after notification from the City Inspectors.

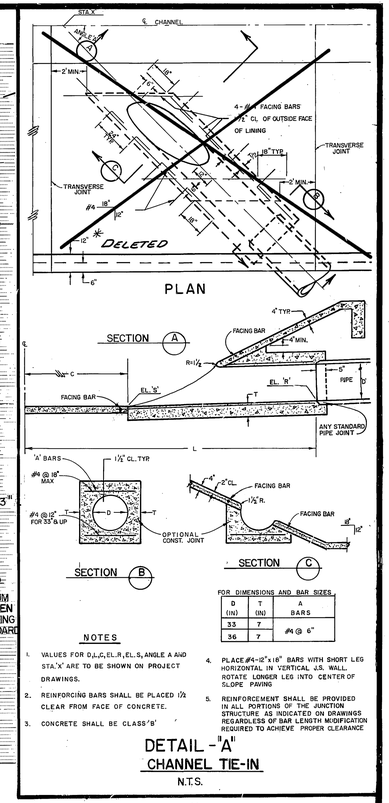
CONSTRUCTION NOTES AND QUANTITY ESTIMATES

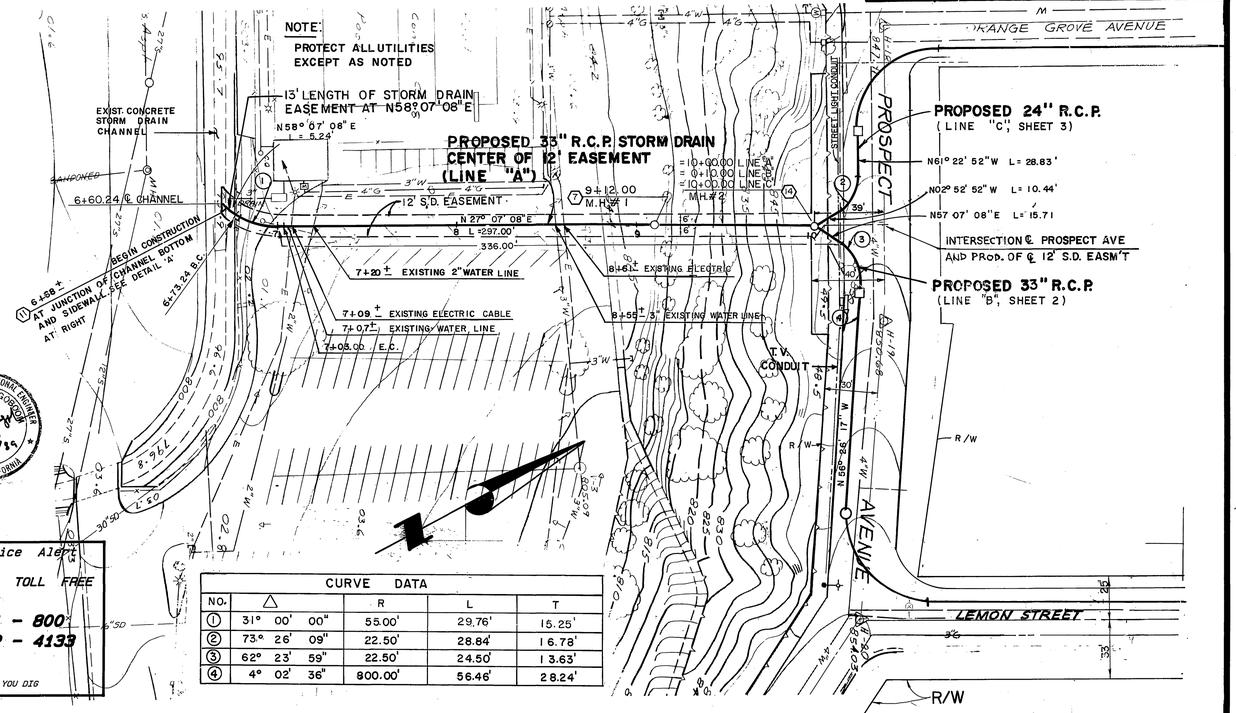
NO.	ITEM DESCRIPTION	QUANTITY TOTAL	UNIT
(1)	CONSTRUCT CATCH BASIN PER CITY RIV. STD. DRWG. NO. 406	1	EA.
(2)	INSTALL 10" SCHEDULE 40 P.V.C.	11	LF
(3)	INSTALL 18 " R.C.P., 2000-D	442	LF
(4)	INSTALL 24" R.C.P., 1350-D	888	LF
(5)	INSTALL 33" R.C.P., 1350-D	1076	LF
(6)	CONSTRUCT JUNCTION STRUCTURE B PER CITY RIV. STD. DWG. NO. 421	2	EA.
(7)	CONSTRUCT MANHOLE EZ PER CITY RIV. STD. DWG. NO. 431	6	EA.
(8)	CONSTRUCT CATCH BASIN PER CITY RIV. STD. DWG. NO. 405	3	EA.
(9)	CONSTRUCT MODIFIED CATCH BASIN PER CITY RIV. STD. DWG NO. 406	2	EA.
(10)	CONSTRUCT CLEANOUT BOX PER CITY RIV. STD. DWG. NO. 425 WITH BIKE PROOF GRATING	2	EA.
(11)	CONSTRUCT CHANNEL TIE-IN PER DETAIL THIS SHEET	1	EA
(12)	CONCRETE COLLAR PER CITY OF RIVERSIDE STD. No. 424	2	EA.
(13)	CONSTRUCT JUNCTION STRUCTURE No. 4 PER CITY OF RIVERSIDE STD. DRWG. No. 423	1	EA.
(14)	CONSTRUCT MANHOLE J.M. PER CITY RIV. STD. DWG. NO. 432	2	EA.
(15)	INSTALL R-1546 GRATE WITH R-1545 FRAME	6	EA.

NOTICE TO BIDDERS

1. The scope of the work shall include the cost of materials and labor for the construction/installation of the proposed storm drain, pipeline and structures, and for the replacement of existing improvements and pavement.
2. Contractor shall pick up pipe at manufacturer's plant and deliver to the job site.
3. This project is separated into phases to show the sequence of construction only. The two phases should not be bid separately.







CURVE DATA				
NO.	△	R	L	T
(1)	31° 00' 00"	55.00'	29.76'	15.25'
(2)	73° 26' 09"	22.50'	28.84'	16.78'
(3)	62° 23' 59"	22.50'	24.50'	13.63'
(4)	4° 02' 36"	800.00'	56.46'	28.24'

REGISTERED PROFESSIONAL ENGINEER RALPH M. HOOGSTRA 14312 EXP 3/31/89 CIVIL STATE OF CALIFORNIA

Underground Service Alert
Call: TOLL FREE
1 - 800 422 - 4133
TWO WORKING DAYS BEFORE YOU DIG

EXIST. UTILITIES & EMERGENY PHONE NUMBERS

SOUTHERN CALIFORNIA GAS CO.	369-8988
CITY OF RIVERSIDE PUBLIC UTILITIES	
WATER	787-7610
SEWER	359-2840
ELECTRIC	787-7413
FALCON CABLE TELEVISION	687-9185

NOTE:
UTILITY APPROVALS ARE SHOWN ON SHEET 2 OF 3

CITY OF RIVERSIDE
PUBLIC UTILITIES
WATER
APPROVED BY
David V. Garcia 8-8-86
DATE

BENCH MARK:
H6-D FOUND R.K. NAIL AND CITY ENGINEER TAG IN CENTER OF NE. CURB RETURN AT COMMERCE ST. AND COTTAGE ST.
ELEV. 875.844

J. F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 472, RIVERSIDE, CA 92502 (714) 686-0544
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

APPROVED BY Ralph M. Hoogstra DATE 6/17/86
R.E. No. 14312 EXP. 3-30-89
W.O. 9276 FOR: PRESS ENTERPRISE F.B.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY JKP DRAWN BY TFE CHECKED BY RMH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	—	—
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	—	—
CHIEF PUB. WKS. ENGR.		

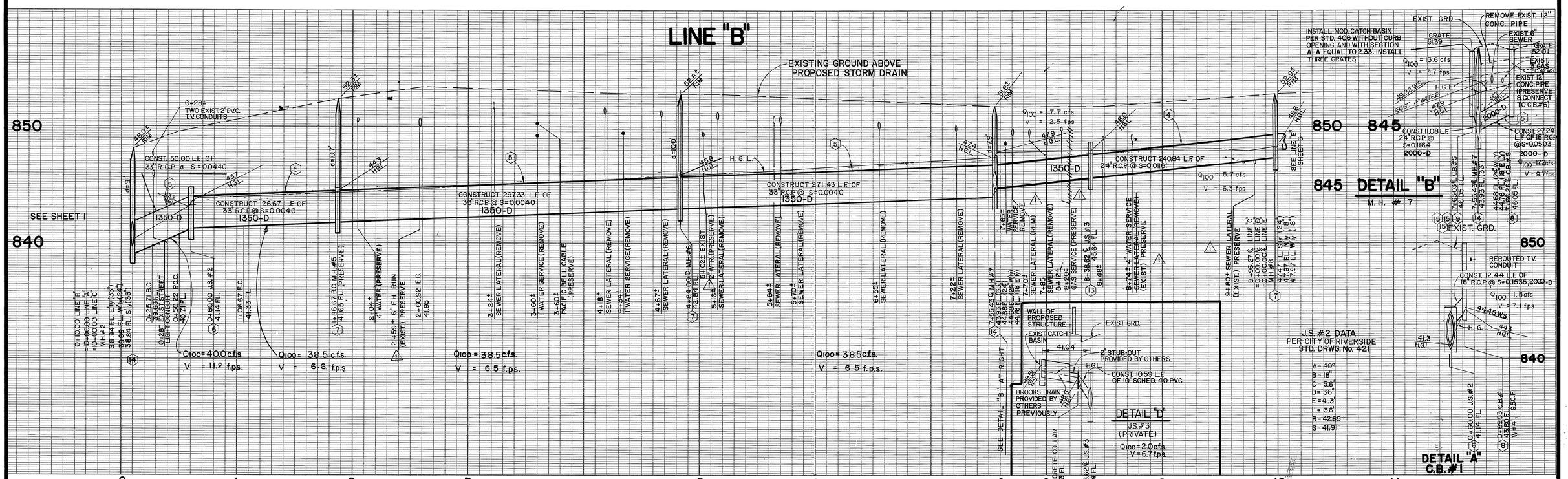
APPROVED BY William D. Gardner
DIRECTOR OF PUBLIC WORKS
DATE August 8, 1986

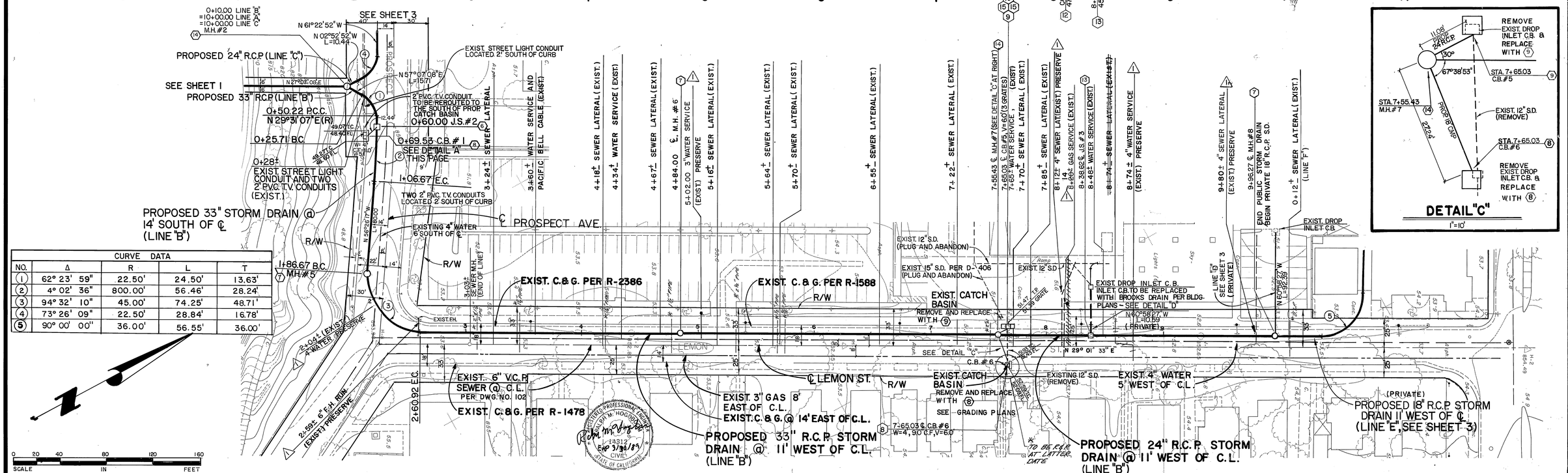
STORM DRAIN PLAN AND PROFILE
PRESS ENTERPRISE STORM DRAIN PLAN
EASEMENT LINE "A"
(3512 14th ST. BLDG PERMIT)
SCALE: HORIZ: 1"=40' VERT: 1"=8'

ACCOUNT NO.
DRAWING NUMBER D-495
SHEET 1 OF 3
W.O. 86-9276

* As built 3/17/87 TE
INDEXED BY CD

LINE "B"





CURVE DATA				
NO.	Δ	R	L	T
(1)	62° 23' 59"	22.50'	24.50'	13.63'
(2)	4° 02' 36"	800.00'	56.46'	28.24'
(3)	94° 32' 10"	45.00'	74.25'	48.71'
(4)	73° 26' 09"	22.50'	28.84'	16.78'
(5)	90° 00' 00"	36.00'	56.55'	36.00'

FALCON CABLE T.V. APPROVED BY: Mark Cardoso 7-3-86 DATE	SOUTHERN CALIFORNIA GAS APPROVED BY: E.A. Munk 7-3-86 DATE	CITY OF RIVERSIDE PUBLIC UTILITIES WATER APPROVED BY: David V. Garcia 8-8-86 DATE ELECTRICAL APPROVED BY: John Johnson 8/6/86 DATE	BENCH MARK: H6-D FOUND PK. NAIL AND CITY ENGINEER TAG IN CENTER OF N.E. CURB RETURN AT COMMERCE ST. AND COTTAGE ST. ELEV. 875.884
PACIFIC BELL TELEPHONE APPROVED BY: John Smith 8-5-86 DATE			

J. F. DAVIDSON ASSOCIATES, INC. CIVIL ENGINEERS • SURVEYORS • PLANNERS
P.O. BOX 413 RIVERSIDE, CA. 92502 (714) 685-0844
11500 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

APPROVED BY Ralph M. Hoydon DATE 6/17/86
R.E. No. 14312 EXP. 3-30-89
W.O. 86-9276 FOR: PRESS ENTERPRISE F.B.

MARK	REVISIONS	APPR.	DATE
1	Utility Modifications Comm.	JWM	9/27/86

DESIGNED BY J.P. DRAWN BY T.F.E. CHECKED BY R.H.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

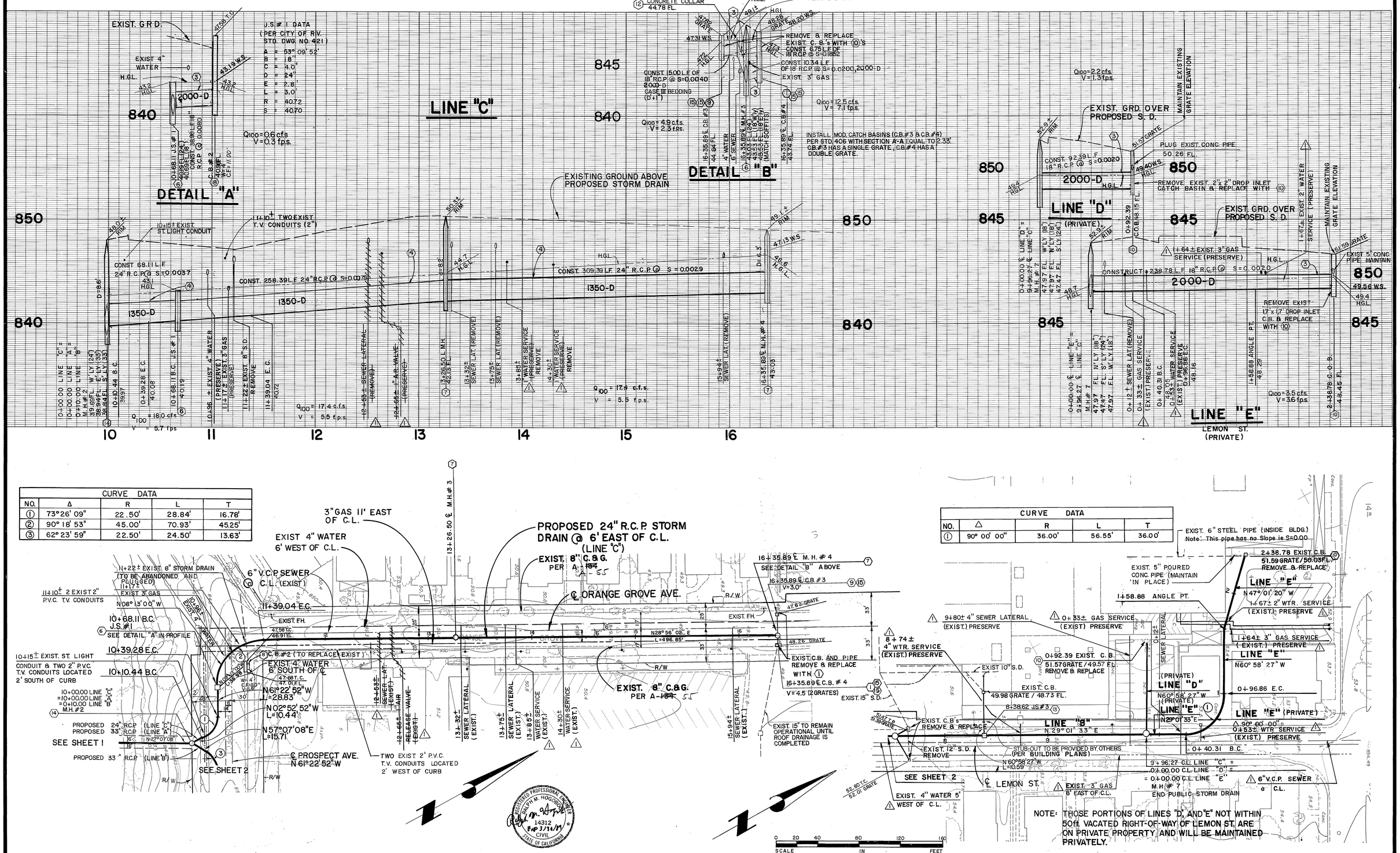
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

APPROVED BY William D. Gardner DIRECTOR OF PUBLIC WORKS
DATE AUGUST 8, 1986

STORM DRAIN PLAN AND PROFILE
LINE "B"
LEMON ST. AND PROSPECT AVE. (E'LY)
(3512 14th ST. BLDG. PERMIT)
SCALE: HORIZ: 1" = 40' VERT: 1" = 4'

ACCOUNT No.
DRAWING NUMBER D-495
SHEET 2 OF 3
W.O. 86-9276

* As built 3-25-87 JF
INDEXED BY CD



CURVE DATA				
NO.	Δ	R	L	T
①	73°26' 09"	22.50'	28.84'	16.78'
②	90° 18' 53"	45.00'	70.93'	45.25'
③	62° 23' 59"	22.50'	24.50'	13.63'

CURVE DATA				
NO.	Δ	R	L	T
①	90° 00' 00"	36.00'	56.55'	36.00'

NOTE: THOSE PORTIONS OF LINES "D" AND "E" NOT WITHIN 50ft. VACATED RIGHT-OF-WAY OF LEMON ST. ARE ON PRIVATE PROPERTY AND WILL BE MAINTAINED PRIVATELY.

REGISTERED PROFESSIONAL ENGINEER RALPH M. HOOGERWERF 14312 EXP 3/31/89 CIVIL STATE OF CALIFORNIA

FALCON CABLE T.V. APPROVED BY: DATE 8-6-86

SOUTHERN CALIFORNIA GAS APPROVED BY: DATE 8-6-86

PACIFIC BELL TELEPHONE APPROVED BY: DATE 8-5-86

CITY OF RIVERSIDE PUBLIC UTILITIES
WATER APPROVED BY: DATE 8-8-86
ELECTRICAL APPROVED BY: DATE 8/6/86

BENCH MARK: H6-D FOUND P.K. NAIL & CITY ENGINEER TAG IN CENTER OF NE. CURB RETURN AT COMMERCE ST. AND COTTAGE ST.
ELEV. 875.844

J. F. DAVIDSON ASSOCIATES, INC.
CIVIL ENGINEERS • SURVEYORS • PLANNERS
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11200 SO. MT. VERNON AVE., #D COLTON, CA 92324 (714) 825-1092
73-080 EL PASEO, #103 PALM DESERT, CA 92260 (619) 346-5691

APPROVED BY Ralph M. Hoogerwerf DATE 6/17/86
R.E. No. 14312 EXP. 3-30-89
W.O. 86-9276 FOR: PRESS ENTERPRISE F.B.

MARK	REVISIONS	APPR.	DATE
⚠	Utility Modifications	WM	9/27/86

DESIGNED BY J.P. DRAWN BY T.F.E. CHECKED BY R.H.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF PUB. WKS. ENGR.		

APPROVED BY William S. Hardman DIRECTOR OF PUBLIC WORKS
DATE August 8, 1986

* As built 3/17/87 TE

STORM DRAIN PLAN AND PROFILE
LINE "C" (ORANGE GROVE) "D" & "E" (LEMON ST.)
LINES C, D, AND E
ORANGE GROVE AVE & PROSPECT ST. (W'LY) AND PRIVATE ON-SITE

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

INDEXED BY CD

ACCOUNT No.
DRAWING NUMBER D-495
SHEET 3 OF 3
W.O. 86-9276