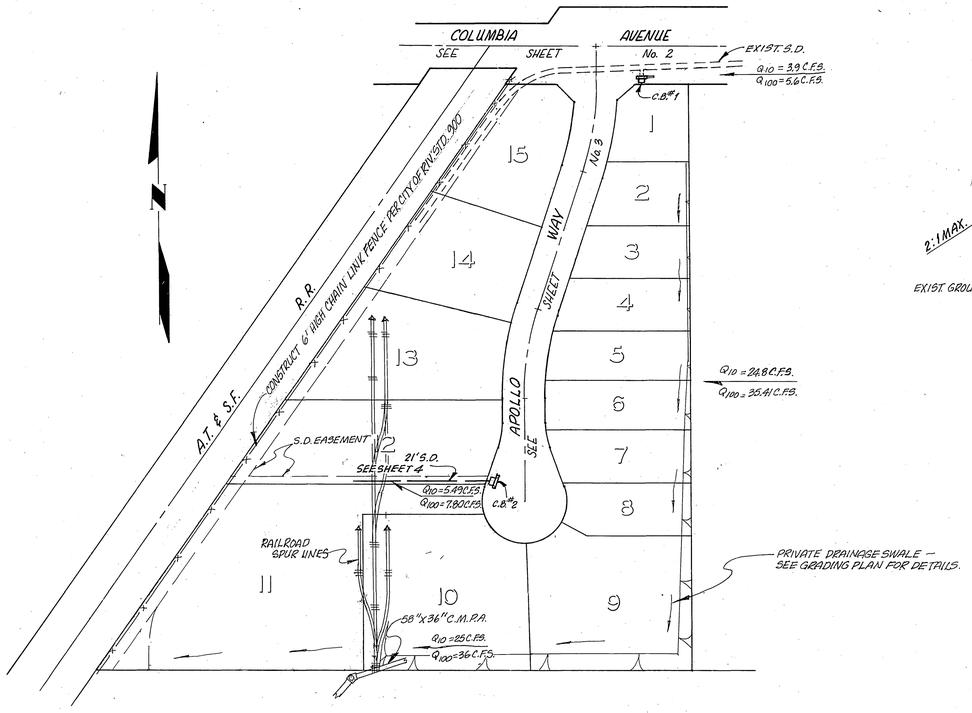
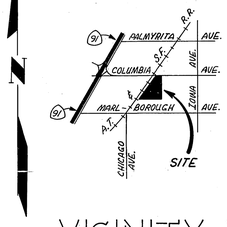
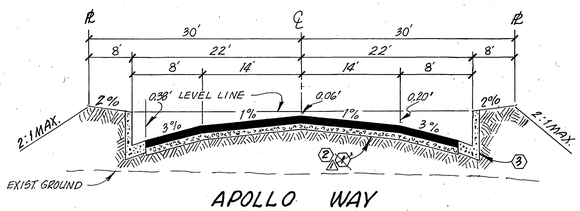


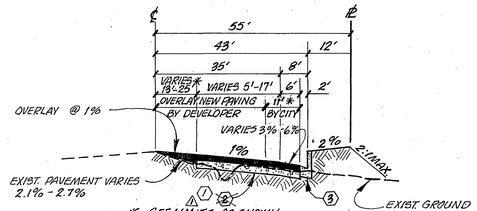
INDEX MAP
SCALE: 1" = 100'



VICINITY MAP
NO SCALE



APOLLO WAY
TYPICAL SECTION
(NO SCALE)
T.I. = 6.0



COLUMBIA AVENUE
TYPICAL SECTION
(NO SCALE)
T.I. = 8.5

CONSTRUCTION NOTES

1. Construct 6" A.C. over 14" D.G. Base, or 5" A.C. over 15½" D.G., per SR #1060.
2. Construct 4" A.C. over 9" D.G. Base, or 3" A.C. over 11" D.G., per SR #1060.
3. Construct curb & gutter per Standard Drawing 200 (Type I) 6" C.F.
4. Construct curb sidewalk per Standard Drawing 325.
5. Construct wheelchair ramps per Standard Drawing 304. Curb depression only.
6. Install three 15 gal. Washingtonia Filifera in accordance with Parks Dept. Standard details.

STREET NAME & TRAFFIC SIGN SCHEDULE

A	COLUMBIA AVE.	1500
	APOLLO WAY	1200
B	R=1 (STOP SIGN) 30" OCTAGON	
C	W53 (NOT A THRU STREET) 24"X 24".	

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 at no cost to the City.
2. Construction shall be in accordance with the City of Riverside, Department of Public Works, Standard Drawings and Specifications for Public Works Construction, 1979 Edition.
3. Prime coat, seal coat, and paint binder are required.
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. Driveway approaches shall be constructed per City of Riverside Standard Drawing No. 302. Exact size and location to be determined at time of construction as approved by the City Traffic Engineer.
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 signing these plans shall be responsible for determining an acceptable solution and revising the plans for approval by the city.
7. Curb and gutter shall be staked with 3.0 foot off-sets at 25.00 foot intervals.
8. Traffic control signs shall be in place prior to opening the streets to traffic.
9. See "street lighting plan" for quantity and location of required street lights.
10. Trim edge of existing pavement where new pavement joins to a smooth, straight line. Construct match-up paving as shown on plan and overlay as directed in the field to produce a smooth section. Engineer estimates overlay to be 60 tons.
11. All flagged elevations shall be staked in the field by the private engineer.
12. Developer to give RCFC 5 days written notice and obtain an Encroachment Permit prior to starting work on storm drain or doing any work within RCFC easement.
13. Should the developer decide to install the access paving prior to the City commencing its paving work, the developer shall coordinate his installation of access paving on Columbia Ave. with the City construction inspector. Final course of paving in access area to be paid for by developer prior to the City commencing its paving operation.
14. In order to coordinate the City portion of the work the developer shall give the City 60 days notice in order that the developer and the City's work may be installed concurrently. The developer shall prepare and compact rough subgrade (± .1') and is responsible for the condition of the subgrade until accepted by the City and until the City's contractor starts working. The developer is also responsible for barricading during this time.
15. All street tree planting is to be inspected by the Parks Project Inspector. Contact department a minimum of 48 hours (two working days) in advance to schedule inspection of planting at 787-7223. Contractor shall maintain trees for a 90 day maintenance period.

BENCH MARK

JT-H CALIFORNIA DIVISION OF HIGHWAYS BRASS DISC IN CAPPED MONUMENT @ INTERSECTION OF LA CADENA DRIVE EAST & COLUMBIA AVE.
ELEV. = 872.698

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.

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY John W. Cantly R.E. No. 17550 DATE 4/20/79
W.O. 6166 FOR: ZWICKER F.B.

MARK	REVISIONS	APPR.	DATE
1	Interchanged structural sections	DWL	4-7-81

DESIGNED BY A.W. DRAWN BY DW/FEM CHECKED BY A.W.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	[illegible]	5/5/80
PARK DEPARTMENT	[illegible]	5/6/80
TRAFFIC DIVISION	[illegible]	5/7/80
CHIEF P. W. ENGR.	[illegible]	5-20-80

APPROVED BY [illegible]
DIRECTOR OF PUBLIC WORKS
DATE 5/20/80

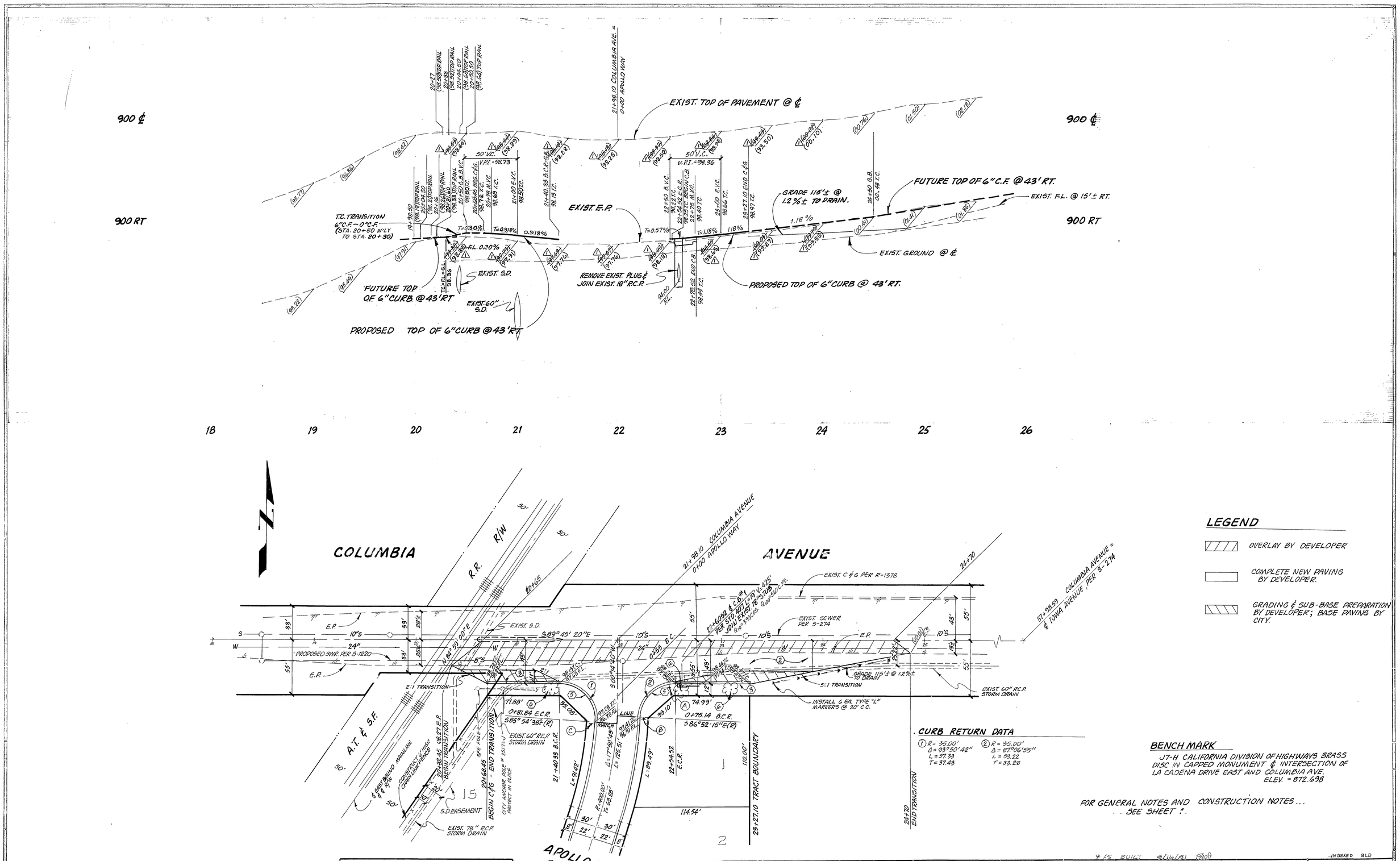
* AS BUILT 9/16/81 BEET

TITLE SHEET
TRACT 14072
STREET PLAN
INDEX AND NOTES

HORIZ. SCALE: 1" = — VERT. SCALE: 1" = —

INDEXED BLD

PROJECT NO. R-2221
SHEET 1 OF 4
FILE NO. 56/9



LEGEND

- OVERLAY BY DEVELOPER
- COMPLETE NEW PAVING BY DEVELOPER.
- GRADING & SUB-BASE PREPARATION BY DEVELOPER; BASE PAVING BY CITY.

CURB RETURN DATA

① R = 35.00' Δ = 93°50'42" L = 57.33 T = 37.43

② R = 35.00' Δ = 87°06'55" L = 53.22 T = 33.28

BENCH MARK

J7-H CALIFORNIA DIVISION OF HIGHWAYS BRASS DISC IN CAPPED MONUMENT & INTERSECTION OF LA CADENA DRIVE EAST AND COLUMBIA AVE. ELEV. = 872.698

FOR GENERAL NOTES AND CONSTRUCTION NOTES... SEE SHEET 1.

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.

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY Jack W Canty DATE 6/20/79
R.E. No. 17550
W.O. 6166 FOR: ZWICKER F.B. 1063/149

CITY OF RIVERSIDE
PUBLIC UTILITIES DEPT.
WATER DIV.
5/6/80 DATE
Fred Rantz CHIEF UTIL. ENGINEER, WATER

MARK	REVISIONS	APPR.	DATE
1	REV. ℄ & E.P. ELEV. TO MATCH OVERLAY		23-81

DESIGNED BY A.W. DRAWN BY T.E.M. CHECKED BY A.W.

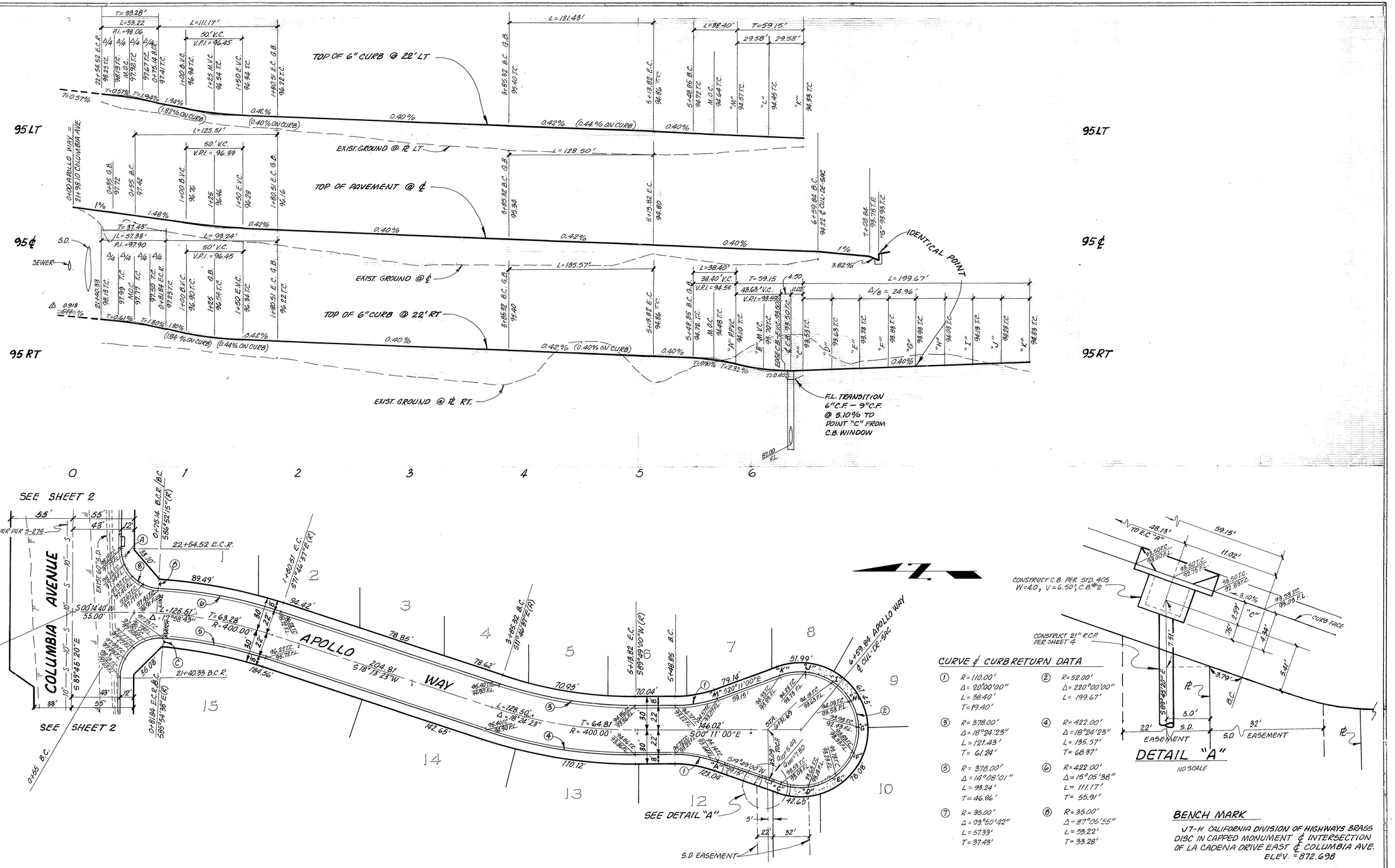
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		5/7/80
PARK DEPARTMENT		5/6/80
TRAFFIC DIVISION		5/16/80
CHIEF P. W. ENGINEER		11-10
		5/17

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 11/10/80

STREET PLAN & PROFILE
TRACT 14072
COLUMBIA AVENUE (SOUTH SIDE, FROM AT & SF RAILROAD TO 259'± E'LY)
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEXED BLD
ACCOUNT NO. R-2221
SHEET 2 OF 4
FILE No. 5619



CURVE & CURB RETURN DATA

①	R = 110.00'	②	R = 52.00'
	Δ = 20°00'00"		Δ = 220°00'00"
	L = 38.40'		L = 199.67'
	T = 19.40'		
③	R = 378.00'	④	R = 422.00'
	Δ = 18°24'23"		Δ = 18°24'23"
	L = 121.43'		L = 135.57'
	T = 61.24'		T = 68.37'
⑤	R = 378.00'	⑥	R = 422.00'
	Δ = 14°08'01"		Δ = 15°05'38"
	L = 93.24'		L = 111.17'
	T = 46.86'		T = 55.91'
⑦	R = 35.00'	⑧	R = 35.00'
	Δ = 93°50'42"		Δ = 87°06'55"
	L = 57.33'		L = 53.22'
	T = 37.43'		T = 33.28'

BENCH MARK

JT-H CALIFORNIA DIVISION OF HIGHWAYS BRASS DISC IN CAPPED MONUMENT ℄ INTERSECTION OF LA CADENA DRIVE EAST ℄ COLUMBIA AVE. ELEV. = 872.698

FOR GENERAL NOTES & CONSTRUCTION NOTES SEE SHEET 1

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.

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY _____ DATE 6/20/79
R.E. No. 17580

W.O. 6166 FOR: ZWICKER F.B.

MARK	REVISIONS	APPR	DATE
1	Change grade TC per Sht. # 1		11-7-80

DESIGNED BY A.W. DRAWN BY D.W./T.M. CHECKED BY A.W.

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		5/19/80
PARK DEPARTMENT		—
TRAFFIC DIVISION		5-19-80
CHIEF ENGINEER		5-20
		5/19

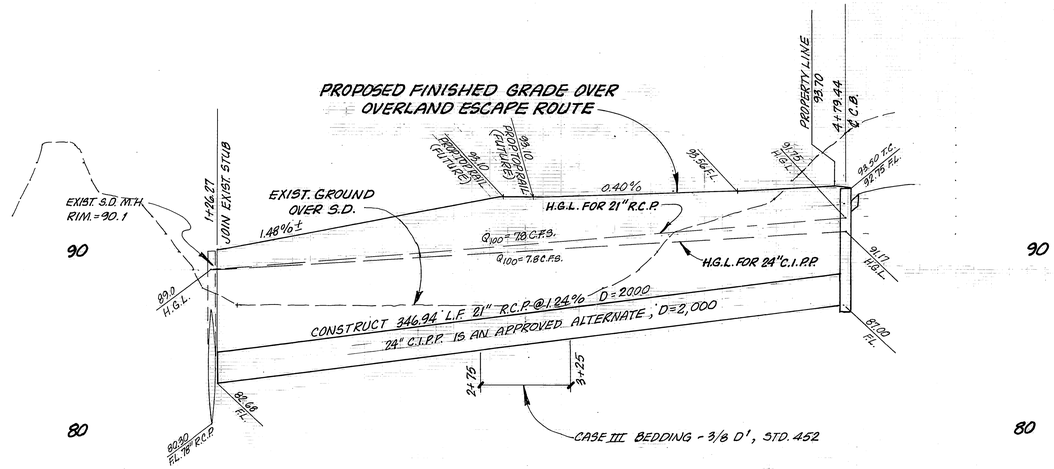
APPROVED BY _____
PUBLIC WORKS DIRECTOR
DATE 5/20/80

*AS BUILT 9/16/81 PKS

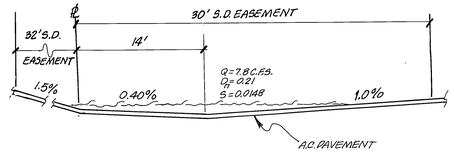
STREET PLAN & PROFILE
TRACT 14072
APOLLO WAY
COLUMBIA AVE. TO 625'± S'LY.

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

INDEXED BLD
ACCOUNT NO. R-2221
SHEET 3 OF 4
FILE # 5619

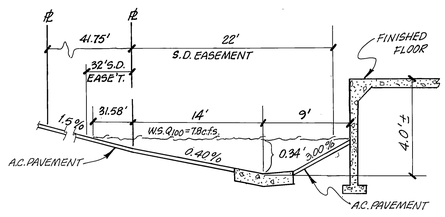


NOTE: ALL BEDDING TO BE CASE I, EXCEPT AS SHOWN.



SECTION B-B

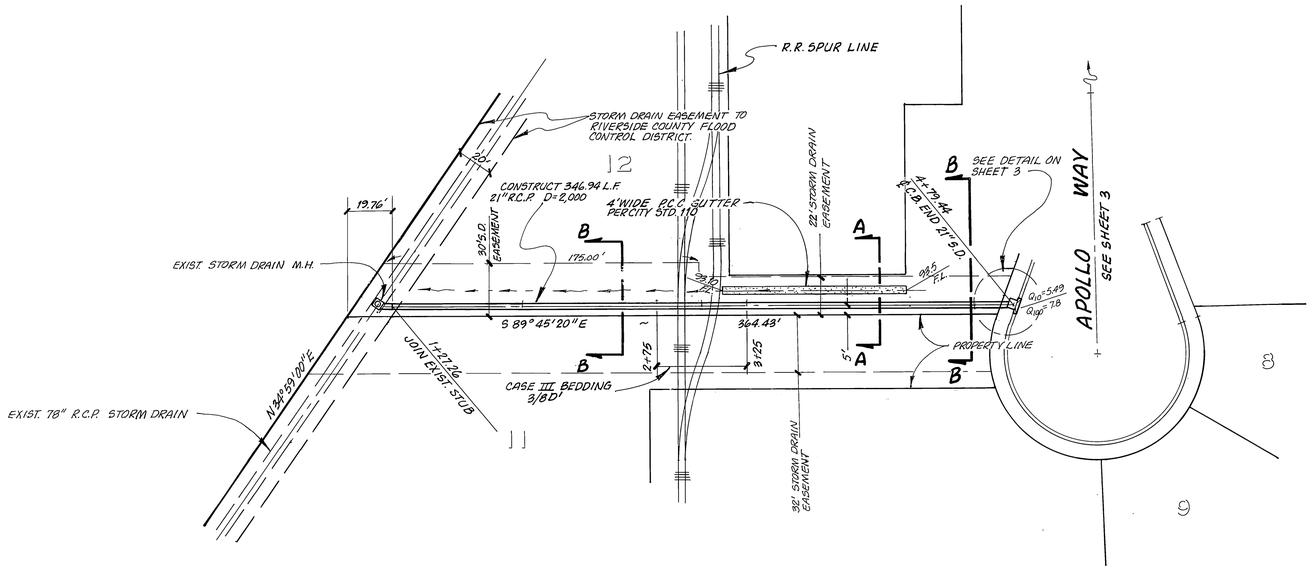
NO SCALE



SECTION A-A

NO SCALE

P.C.C. GUTTER



BENCH MARK

J7-H CALIFORNIA DIVISION OF HIGHWAYS BRASS DISC IN CAPPED MONUMENT ℄ INTERSECTION LA CADENA DRIVE EAST ℄ COLUMBIA AVE.

ELEV. = 892.698

FOR GENERAL NOTES & CONSTRUCTION NOTES SEE SHEET 1

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.

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY Jack W. Canty DATE 6/20/79
R.E. No. 17550
W.O. 6166 FOR: ZWICKER F.B.

MARK	REVISIONS	APPR	DATE

DESIGNED BY A.W. DRAWN BY T.C.M. CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER	—	—
PARK DEPARTMENT	—	—
TRAFFIC DIVISION	[illegible]	6-13-80
CHIEF P.W. ENGINEER	[illegible]	6-20-80

APPROVED BY T. E. Culbertson
PUBLIC WORKS DIRECTOR
DATE 5-2-80

* AS BUILT 9/16/81 BEST

INDEXED ELD

STORM DRAIN PLAN & PROFILE
TRACT 14072
STORM DRAIN EASEMENT W'LY CUL-DE-SAC END APOLLO WAY
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. R-2221
SHEET 4 OF 4
FILE # 5619