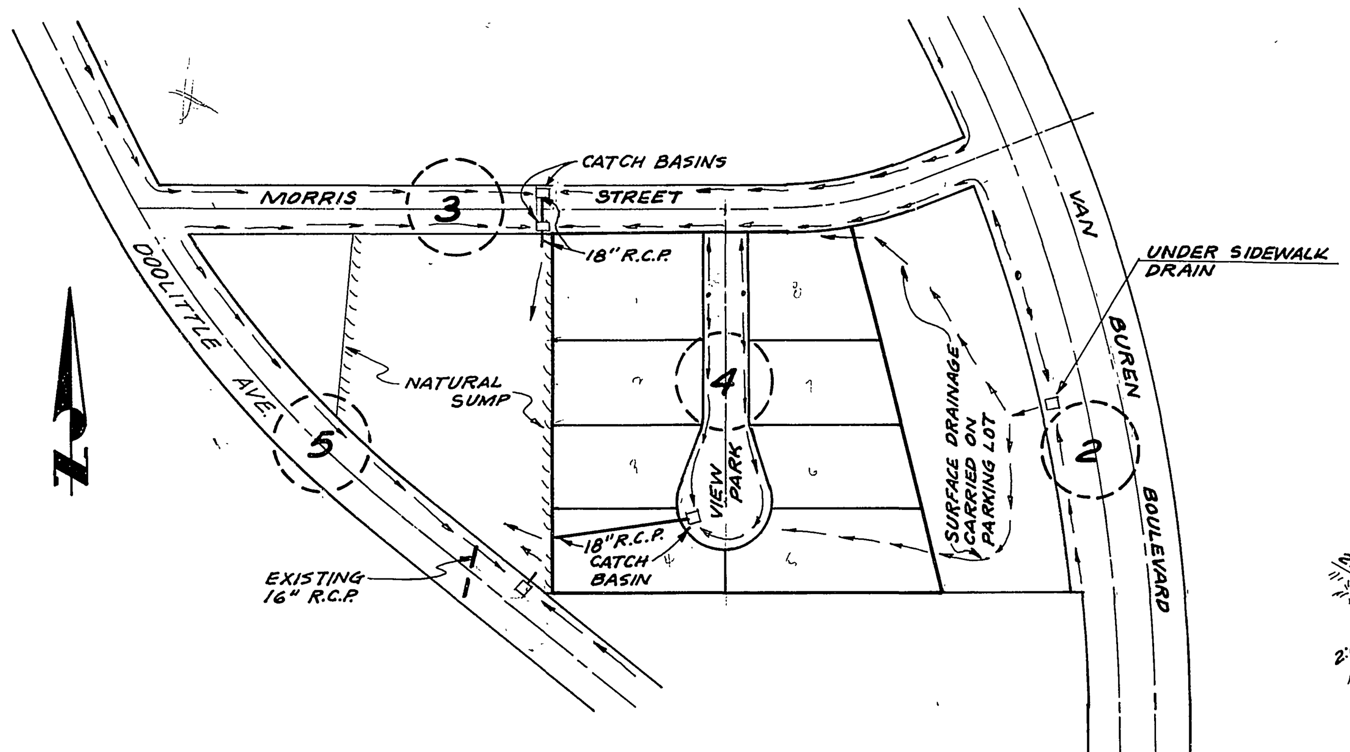
△5

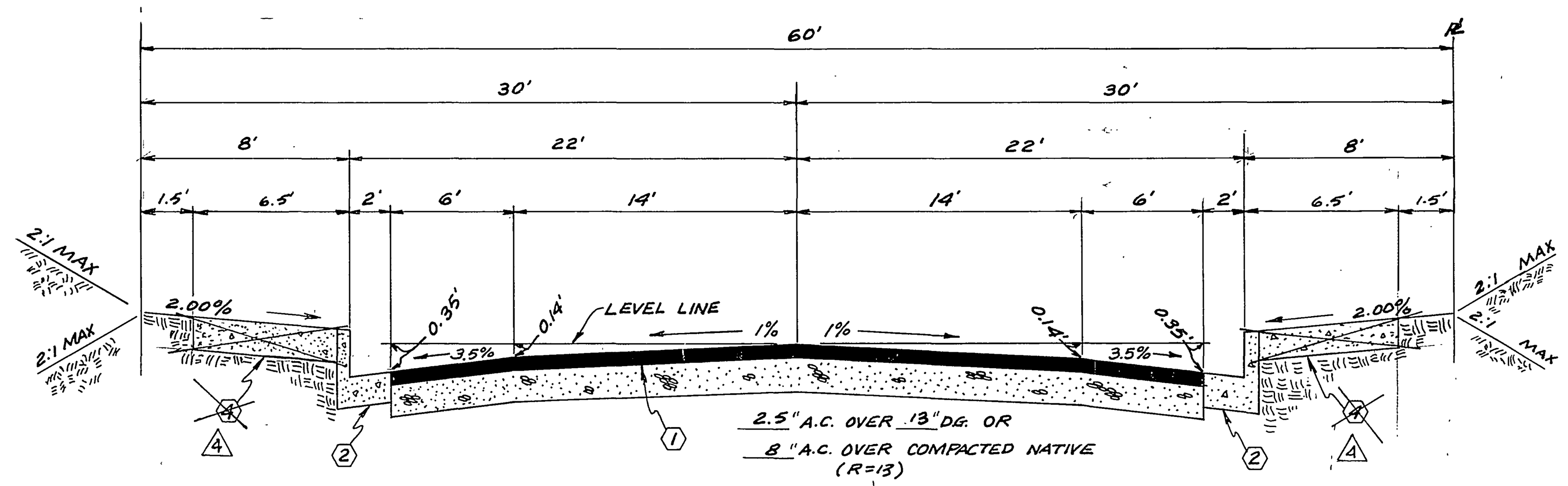
CROSS FALL CHART							
STATION	A%	B%	C%	STATION	A%	B%	C%
18+50	(2.80)%	(9.10)%	–	22+50	(3.93)%	(7.96)%	8.34%
19+00	(4.94)%	(9.87)%	–	23+00	(3.58)%	(8.61)%	8.37%
19+50	(4.84)%	(9.24)%	–	23+50	(3.76)%	(8.80)%	8.41%
20+00	(5.14)%	(9.21)%	4.36%	24+00	(3.88)%	(8.62)%	7.32%
20+50	(4.52)%	(9.14)%	4.36%	24+50	(3.78)%	(7.86)%	7.86%
21+00	(4.21)%	(8.84)%	5.31%	25+00	(4.25)%	(6.68)%	6.68%
21+50	(4.44)%	(8.83)%	6.06%				
22+00	(4.43)%	(8.37)%	7.25%				



SHEET INDEX

SCALE: 1"=200'

( ) DENOTES SHEET NUMBER

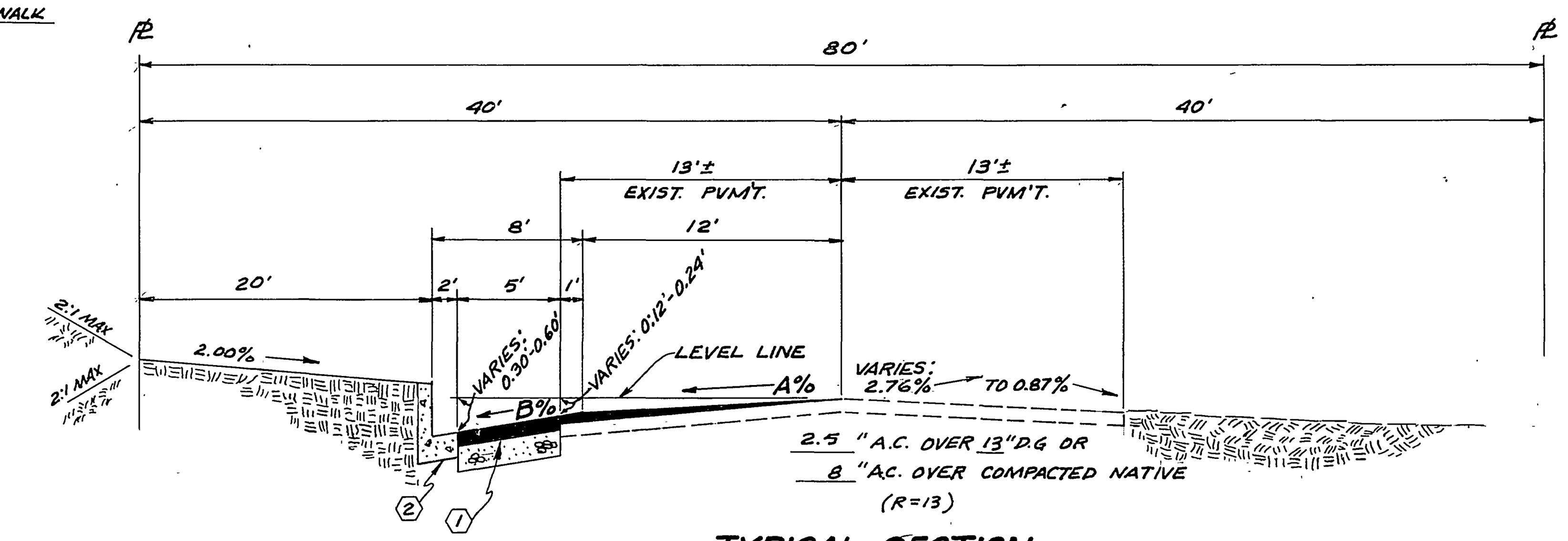


TYPICAL SECTION

NO SCALE

T.I. = 6

VIEW PARK

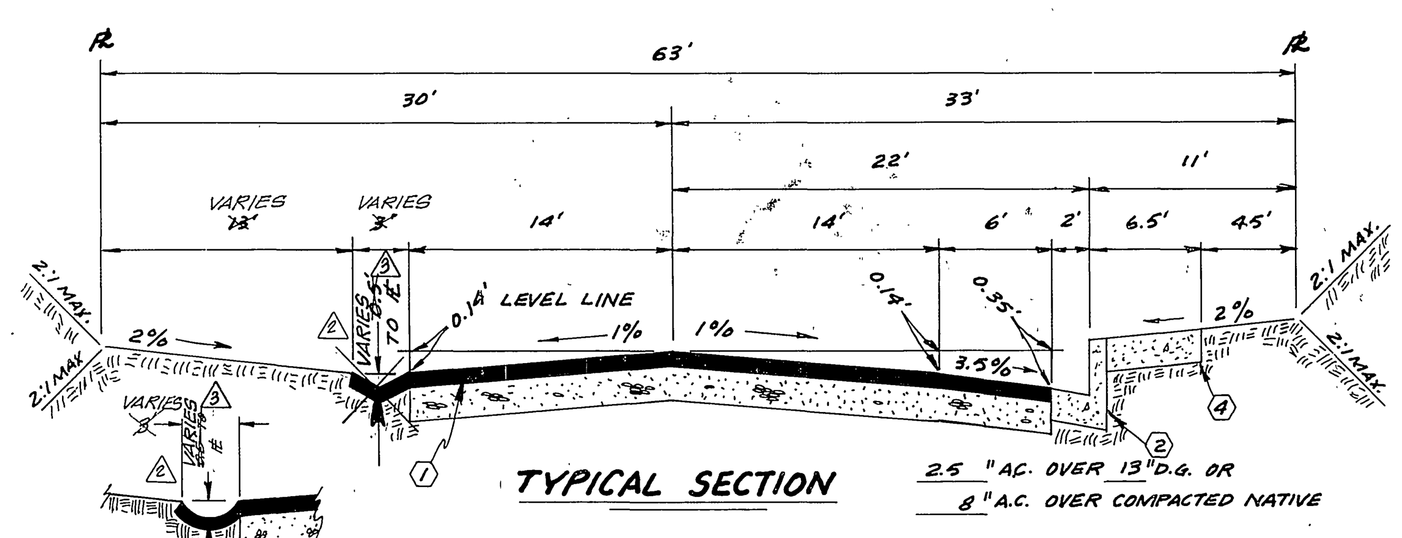


TYPICAL SECTION

NO SCALE

T.I. = 6

DOOLITTLE AVENUE

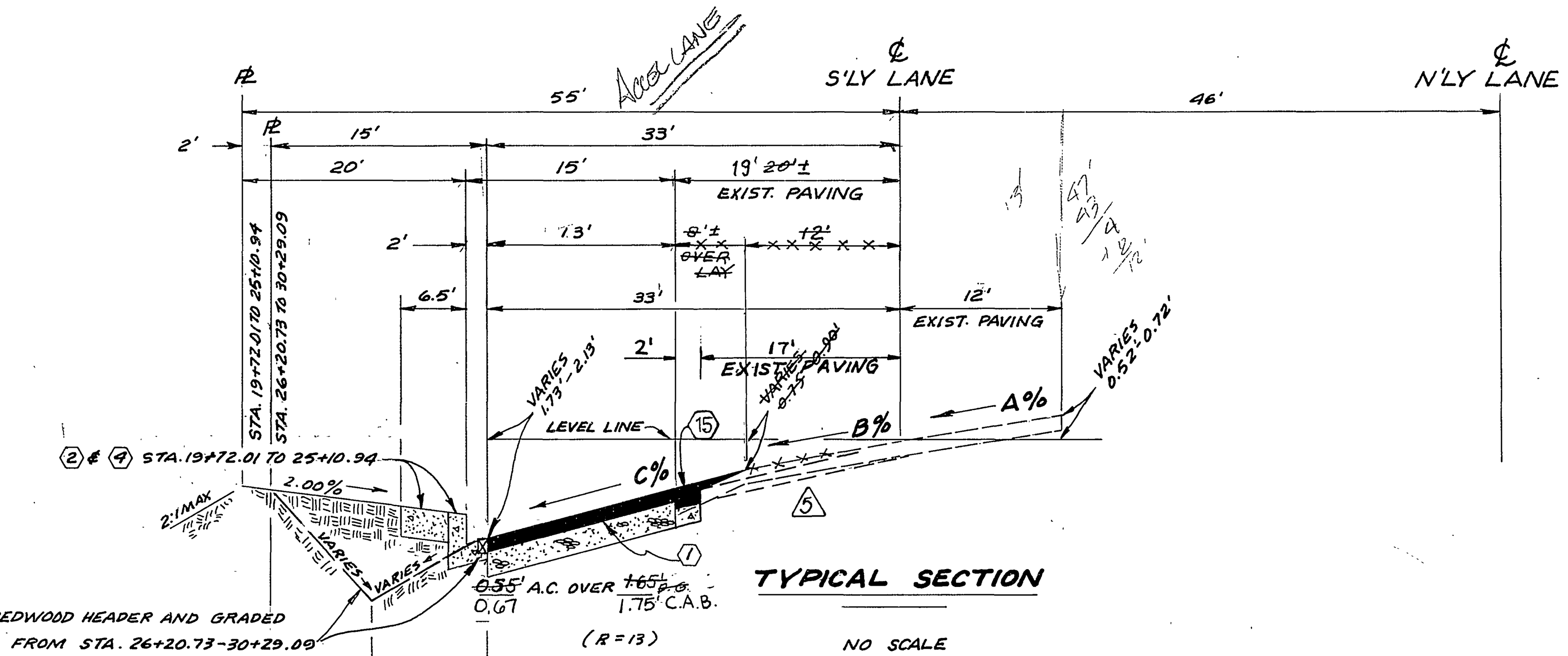


TYPICAL SECTION

NO SCALE

T.I. = 6

MORRIS STREET



2x4 REDWOOD HEADER AND GRADED SWALE FROM STA. 26+20.73-30+29.09

TYPICAL SECTION

NO SCALE

T.I. = ~~10~~ 11.0

VAN BUREN BOULEVARD

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, ~~1976~~ △5 current 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.

△5 5a. No person shall perform any construction activity or install any objects within the public rights-of-way or easements of the City of Riverside without a valid Construction Permit or, a Street Opening Permit or an Encroachment Permit issued by the City's Public Works Department.

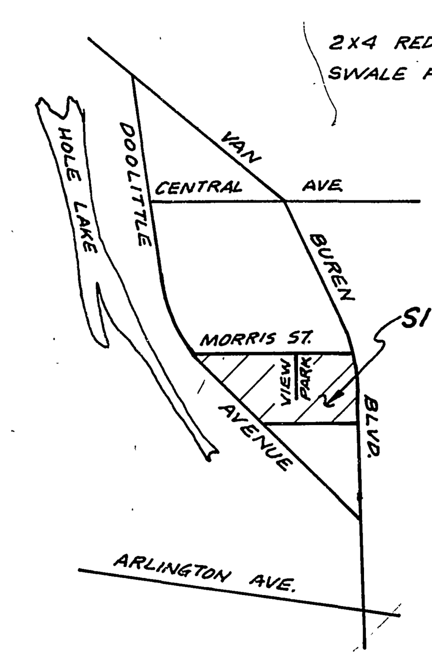
6. Traffic control signs shall be in place prior to opening streets to traffic.
7. Trim edge of existing pavement where new pavement joins to a smooth straight line. Construct match-up paving as shown on plan and overlay as directed in the field to produce a smooth section. Engineer estimates overlay to be 311 tons.
8. Contact Public Utilities Department at (714) 787-7442, two weeks prior to construction to arrange for utility relocations.
9. 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.
10. Curb and gutter shall be staked by the private engineer with 3.0 foot off-sets at 25.0 foot intervals. All flagged elevations shown on the plans shall also be staked. For intervals less than 0.4%, the engineer will stake curb and gutter at 12.5 foot intervals. and 2 rows of #3 re-bar shall be placed in the gutter; place 3/4" dowel pins at all expansion joints.
11. Location of laterals to be determined in the field at the direction of the owner.
12. Developer to give city water division five (5) working days written notice prior to start of construction and to allow city ten (10) working days for completion of work.

△5 13. The contractor shall call in a location request to Underground Service Alert (USA), Phone # 1-800-227-2600, 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.

CONSTRUCTION NOTES

1. PLACE ASPHALTIC CONCRETE (A.C.) OVER BASE AS SHOWN IN TYPICAL SECTION, PER S.R. # 1036.
2. CONSTRUCT CURB & GUTTER, TYPE "I" WITH 6" C.F. PER CITY OF RIVERSIDE STD. # 200.
3. CONSTRUCT CONCRETE CROSS GUTTER PER CITY OF RIVERSIDE STD. # 220, 6' WIDE.
4. CONSTRUCT CONCRETE SIDEWALK PER CITY OF RIVERSIDE STD. # 325 AS SHOWN
5. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. # 304.
6. CONSTRUCT 2"X4" REDWOOD HEADER AT NEW EDGE OF PAVING.
7. RELOCATE POWER POLES BY CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT.
8. CONSTRUCT CURB OUTLET PER CITY OF RIVERSIDE STD. # 410 AND SECTION Y-Y; W=3', E-F=3'.
9. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD # 405; W=4', V=AS SHOWN ON PROFILE.
10. TIE IN 14 L.F. 14" CMP @ 0.40% TO EXIST. 14" C.M.P. & INSTALL FLARED END SECTION @ OUTLET.
11. CONSTRUCT SINGLE PIPE HEADWALL PER CALTRANS STANDARD PLANS STD. D89-4.
12. △1 ~~CONSTRUCT 25'-0" WIDE × 2" THICK A.C. DRIVEWAY APPROACH.~~
13. △3 ~~INSTALL 16 L.F. OF 12" R.C.P. (2000D) IN A.C. SWALE AND PAVE OVER WITH 2" MIN. A.C. TO MEET EXISTING DRIVEWAY APPROACH.~~
14. △3 ~~PAVE 3' WIDE × 1' DEEP A.C. SWALE FROM EXISTING CONCRETE PIPE TO THE A.C. SWALE ON MORRIS ST.~~
15. △5 SAWCUT & REMOVE EXISTING PAVEMENT

STREET & TRAFFIC CONTROL SIGN SCHEDULE		
A	VAN BUREN BLVD.	6600
	MORRIS ST.	7300
B	MORRIS ST.	7300
	VIEW PARK	6600
C	MORRIS ST.	7400
	DOOLITTLE AVE.	6800
D	W-53 "NOT A THROUGH STREET" (1) 24"X24"	
E	R-1 "STOP SIGN" 30" OCTAGONAL (3)	



VICINITY MAP

NO SCALE

CROSS FALL CHART		
DOOLITTLE AVENUE		
STATION	A%	B%
122+98.02	1.75%	6.00%
123+19.02	1.00%	3.67%
+69.02	1.00%	4.67%
124+19.02	1.00%	3.00%
+69.02	1.33%	3.17%
125+19.02	1.66%	4.50%
+69.02	2.00%	5.67%
126+19.02	2.00%	6.00%
+69.02	2.00%	5.67%
127+19.02	1.50%	4.50%
+69.02	1.50%	3.67%
128+19.02	1.50%	5.50%
+69.02	1.50%	6.50%
129+19.02	1.30%	5.83%
+69.02	1.50%	5.00%
130+19.02	2.00%	6.00%

△5

CROSS FALL CHART							
VAN BUREN BOULEVARD							
STATION	A%	B%	C%	STATION	A%	B%	C%
19+72.01	5.50%	6.67%		25+80.31	5.08%	6.50%	5.76%
20+30.31	5.17%	7.00%	4.86%	26+30.31	5.58%	6.42%	5.57%
+80.31	5.08%	6.75%	5.57%	+80.31	6.00%	6.33%	5.19%
21+30.31	5.42%	6.25%	6.14%	27+30.31	5.75%	6.25%	4.67%
+80.31	5.83%	6.67%	5.95%	+85.31	5.75%	6.75%	4.52%
22+30.31	5.17%	6.25%	6.57%	28+30.31	5.25%	6.75%	4.95%
+80.31	5.42%	6.33%	5.86%	+80.31	5.42%	6.83%	5.38%
23+30.31	5.58%	6.42%	5.10%	29+30.31	5.33%	6.42%	5.67%
+80.31	5.42%	6.75%	4.67%	+80.31	4.83%	6.25%	5.86%
24+30.31	5.08%	7.17%	4.62%	30+30.31	5.92%	6.92%	5.47%
+86.31	4.33%	6.50%	5.24%	+80.31	5.83%	7.50%	
25+30.31	4.33%	6.67%	5.24%	31+30.31	5.58%	6.83%	

△5

BENCH MARK: CITY B.M. H3-A; P.K. NAIL & TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BLVD & ACORN STREET. CRFB 739/39 ELEV.: 743.621

△5 REVISION:
CANTY ENGINEERING GROUP, INC
2020 IOWA AVENUE, SUITE 102
RIVERSIDE, CA 92057
APPROVED BY RCE WO: 50293 DATE: 3/21/01 EXP. DATE: 6/30/01

REGISTERED PROFESSIONAL ENGINEER TECK C. LOH No. 50293 Exp. 6/30/01 CIVIL STATE OF CALIFORNIA

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 Canty DATE 11/8/78
R.E. No. 17550
W.O. 5978 FOR: AIRPORT INDUSTRIAL BROKERS F.B.

MARK	REVISIONS	APPR.	DATE
△5	REVISED VAN BUREN X-FALL CHART	TJB	5/8/01
△4	Eliminate SW. on View Park - Not req'd per C.P.C. conditions		12-14-80
△3	Revised A.C. swale & construction notes JWC		1-VI-80
△2	Changed V-ditch to round bottom. Revised Tract No. from 13300-1 to 13300 JWC		
△1	Added Construction Note #12 JWC		07-18-79

DESIGNED BY BENDER DRAWN BY J.B. CHECKED BY

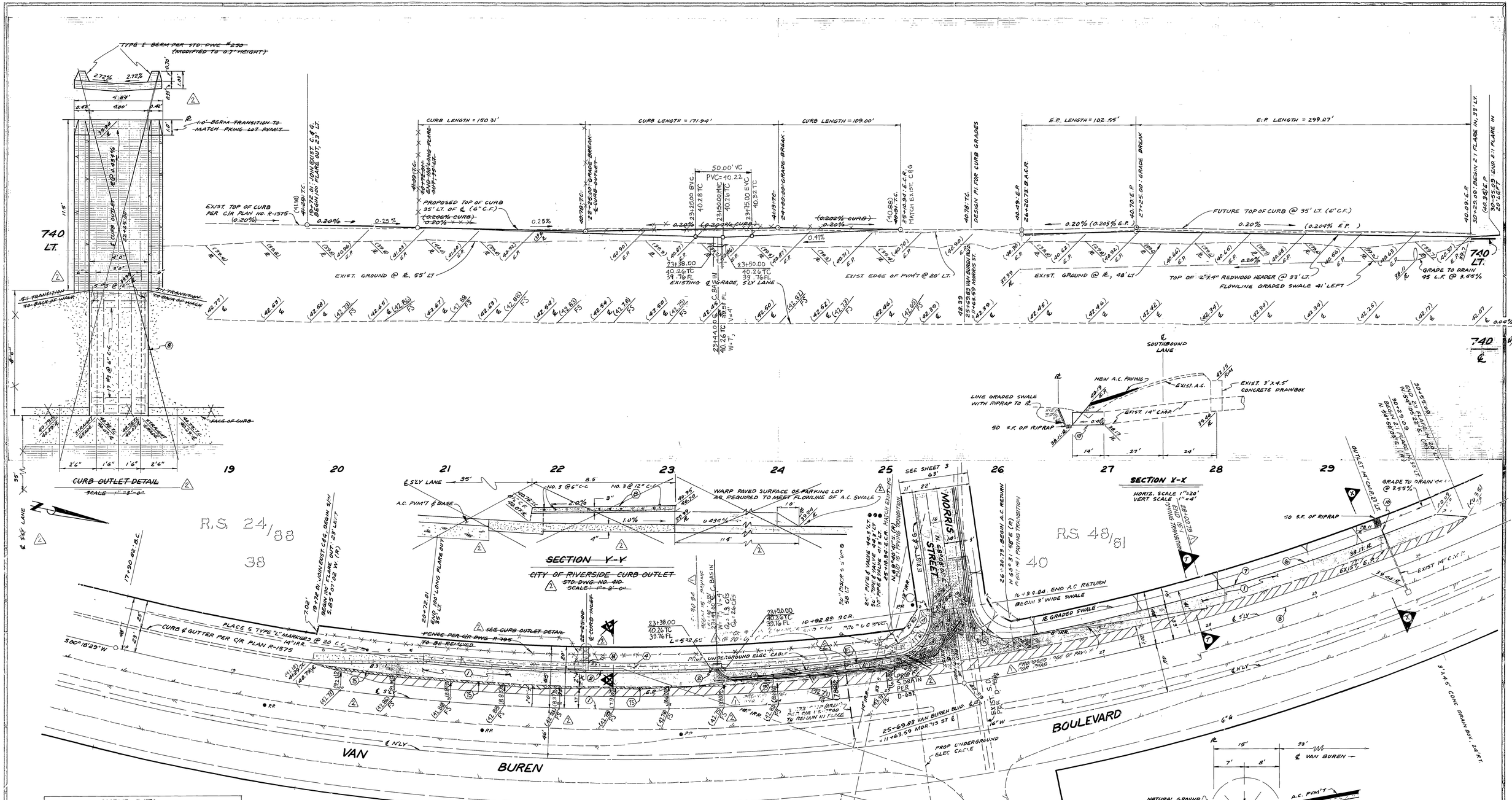
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		4-23
PARK DEPARTMENT		3-12-79
TRAFFIC DIVISION		4-18-79
CHIEF P. W. ENGR.		5-4

APPROVED BY DIRECTOR OF PUBLIC WORKS DATE 5/4/79

STREET PLAN & PROFILE
TITLE SHEET
TRACT No. 13300-X △2

PROJECT NO. R-2180
SHEET 1 OF 5
FILE NO. 5608



CURVE DATA				
NO.	R	Δ	L	T
1	2000.00'	22°19'01"	779.01'	394.50'
2	1965.00'	12°34'27"	431.24'	216.49'
3	35.00'	91°32'41"	55.92'	35.97'
4	40.00'	74°21'16"	51.91'	30.34'
5	35.00'	91°36'03"	55.96'	35.99'
6	—	—	—	—
7	1967.00'	11°41'55"	401.62'	201.51'
8	2000.00	27°36'19"	963.6'	449.35'

LB

LEGEND

SAWCUT & REMOVE EXISTING PAVEMENT

LEGEND

OVERLAY EXIST. PAVING
REMOVE EXIST. PAVING
NEW A.C. PAVING
ITEM TO BE REMOVED BY OWNER

BENCH MARK: CITY B.M. H3-A. P.K. NAIL & TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BLVD. & ACORN ST. CRFB 739/39 ELEV. 743.641

NOTE: FOR GENERAL NOTES AND CONSTRUCTION NOTES, SEE SHEET 3.

CITY OF RIVERSIDE DOMESTIC & IRRIGATION SYSTEM
APPROVED BY:
CHIEF UTILITIES ENGR. WATER DATE

REVISION:
CANTY ENGINEERING GROUP, INC
2020 IOWA AVENUE, SUITE 102
RIVERSIDE, CA 92057
APPROVED BY RCE WO: 50293 DATE: 3/21/01 EXP. DATE: 6/30/01

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. Canty DATE 11/8/78
R.E. No. 17550
W.O. 5978 FOR: AIRPORT INDUSTRIAL BROKERS F.B.

MARK	REVISIONS	APPR.	DATE
2	REVISED C & G PROFILE		5/8/01
1	Revised to show Contractor to Recent Revised Graded marks; Revised Tract No from 13300 to 13300		3/15/79

DESIGNED BY BEHDER DRAWN BY JB CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		4/2
PARK DEPARTMENT		3.10.79
TRAFFIC DIVISION		3.14.79
CHIEF P. W. ENGINEER		5.4

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/4/79

STREET PLAN & PROFILE
VAN BUREN BOULEVARD
TRACT 13300
(W. SIDE FROM STA. 19+72.5 TO STA. 30+55.2 PAST MORRIS ST.)
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO. R-2180
SHEET 2 OF 5
FILE NO. 5608

740 LT.

740 ℄

740 RT.

EXIST. 16" CONC. PIPE

PROPOSED A.C. SWALE FLOWLINE

0.20%

85' ±

46' ±

L= 37.72'
P.I. = 38.02

50' V.C.
P.I. = 36.26

50' V.C.
P.I. = 39.86

50' V.C.
P.I. = 37.06

EDGE OF DRIVING LANE LENGTH = 145.55'

50' V.C.
P.I. = 38.36

L= 55.96'
P.I. = 40.42

IDENTICAL POINT

0.57 %

0.91 %

EXIST. E.P.

EXIST. 12" CONC. IRR.: UNKNOWN DEPTH

EXIST. 2" G.

PROPOSED EDGE OF DRIVING LANE

EXISTING GROUND @ ℄, 30' LT.

PROPOSED A.C. SWALE FLOWLINE 4

EXIST. 12" CONC. IRR.: UNKNOWN DEPTH

FLOWLINE GRADED SWALE

0.40%

0.20%

1.257%

0.419% E.P.

2.5% ±

123+07.95' E.A.C.R.
38.09
38.00 M.H.
38.46 M.C.
37.92
37.89
0+27.59 B.A.C.R.

35.63' ± TO EXIST. A.C. SWALE NORTHERLY

0+00.00 MORRIS STREET = 123+38.07 DOOLITTLE AVE.

36.49 1=75.00' B.V.C.
36.29 2=00.00 M.V.C.
36.16 2+28.00 E.V.C.

36.44 1=75.00' B.V.C.
36.49 2=00.00 M.V.C.
36.90 2+25.00 E.V.C.

34.96 5+25.00 B.V.C.
34.94
34.96 CMP INLET
35.18 5+50.00 M.V.C.
35.18 5+75.00 E.V.C.

35.10 5+25.00 B.V.C.
35.10
35.10 15"x30" CMP
35.32 5+50.00 M.V.C.
35.32 5+75.00 E.V.C.

36.75 7+00.00 B.V.C.
36.89 7+00.00 B.V.C.
37.20 7+50.00 E.V.C.
37.17 7+25.00 M.V.C.
37.17 7+50.00 E.V.C.

37.58 8+54.77 B.C.
37.72 8+54.77 B.C.
38.18 10+05.60 E.C.
38.26 10+25.00 B.V.C.
38.50 10+50.00 M.V.C.
39.06 10+75.00 E.V.C.
39.50
39.86 10+94.84 E.A.C.R.
40.17 M.A.C.R.
40.39
40.49
26+20.73' B.A.C.R.

41.5 TO MEET EXIST. 12" CONC. IRR. LINE
41.61
11+57.59 MATCH EXIST. PAVING
42.39
25+69.83 W. AUBURN BLVD. & MORRIS ST. ℄ 3127 LANE

37.2% ±

5.71%

2.83%

EXIST. 33" S.

7+19.70

EXIST. 12" CONC. IRR.: UNKNOWN DEPTH.

L=75.47'
P.I. = 38.32

50' V.C.
P.I. = 37.16

50' V.C.
P.I. = 36.43

50' V.C.
P.I. = 35.03

50' V.C.
P.I. = 37.20

50' V.C.
P.I. = 38.53

L=55.92'
P.I. = 40.84

CURB LENGTH = 159.13'

PROPOSED 8" SEWER

0.20%

0.97%

T=1.238%

0.40%

1.257%

0.482%

1.104%

R. X-GUTTER

0.40% (0.377% CURB)

EXIST. 12" CONC. IRR.: UNKNOWN DEPTH.

EXIST. 33" S.

7+19.84

PROPOSED 12"W.

PROPOSED 8"S.

PROPOSED TOP OF CURB @ 22' RIGHT 6" C.F.

EXISTING GROUND @ ℄, 33' RT.

38.19 T.C.
124+40.60 B.C.R.
38.16 T.C.
37.99 T.C.
M.C.R.
37.75 T.C.
37.49 T.C.
37.49 E.C.R.
37.38 B.V.C.
37.18 T.C.
1=100.00 B.V.C.
1=25.00 M.V.C.
36.92 T.C.
1=50.00 E.V.C.
36.67 T.C.
1=75.00 B.V.C.
36.47 T.C.
2=00.00 M.V.C.
36.33 T.C.
2+25.00 E.V.C.

35.13 T.C.
5+25.00 B.V.C.
35.13 T.C.
5+50.00 M.V.C.
35.35 T.C.
5+75.00 E.V.C.

36.92 T.C.
7+00.00 B.V.C.
37.10 T.C.
7+16.30 B.C.R.
36.60 E.C.

37.75 T.C.
8+54.77 B.C.
37.65 T.C.
8+30.30 E.C.R.
36.35 T.C.
10+05.60 E.C.
38.43 T.C.
10+25.00 B.V.C.
38.69 T.C.
10+50.00 M.V.C.
39.26 T.C.
10+75.00 E.V.C.
39.78 T.C.
10+92.89 B.C.R.
40.19 T.C.
40.55 T.C.
M.C.R.
40.80 T.C.
40.91 T.C.
25+10.94 E.C.R.

EXIST. 2" G.

0.20%

0.40%

0.40%

0.40%

0.40%

2.99%

EXIST. 12" CONC. IRR.: UNKNOWN DEPTH.

EXIST. 39"S.

7+19.84

PROPOSED 8"S.

VIEW PARK
SEE SHEET 4

0 1 2 3 4 5 6 7 8 9 10 11

SECTION B-B ⚠

HORIZ. SCALE: 1"=2'
VERT. SCALE: 1"=1.5'

A.C. SWALE

SECTION B-B ⚠

HORIZ. SCALE 1"=2'
VERT. SCALE 1"=1.5'

⚠ 3 D varies from 1.24'@0+36 to D=0.60 @ 4+50
W varies from 6.72'@0+36 to W=9.00 @4+50

3 4+6000
D=0.5' STA. 0+36.38 TO 0+68
D TRANSITON FROM 0.5' @ 0+68 TO 0.25' @ 0+50
D=0.25' STA. 9+50 TO 10+94.84

A.C. SWALE

<0 Type "L" Markers @ 60' C-C from Sta. 0+30 to Sta. 4+50

SECTION A-A

HORIZ. SCALE 1"=10'
VERT. SCALE 1"=4'

R/W 6.5' 15.19 23.5' & MORRIS STREET 22' 11' R/W

2:1 MAX. 2:1 MAX.

H.G.L. (10 YEAR)
V=3.46

CMP INLET PER C/R DWG #412

44 L.F. 24" R.C.P. @ 0.20%
1500 D

14 L.F. 24" R.C.P. @ 0.20%
1500 D

GRADE TO DRAIN INTO EXISTING SUMP 420' @ 0.20%

INSTALL 50 S.F. OF GROUTED RIPRAP

SECTION C-C ⚠

GOLF COURSE DRIVEWAY APPROACH

1"=10'

3 DEEP A.C. Swale per Section B-B

Varies: 5.18% - 5.76%

7% Maximum

Existing dirt parking lot.

Flowline Graded Swale

25'-0" Wide Paved Approach from A.C. Swale to ℄ (2" A.C.)

EXISTING 16" CONC. DRAIN PIPE

SEE SHEET 5

80'

40'

40'

GRADE SWALE TO DRAIN INTO A.C. SWALE

123+07.95' E.A.C.R.

0+27.59 BEGIN A.C. RETURN

123+07.95' END A.C. RETURN
N 44°20.33" E (R)
12' WIDE A.C. SWALE

40 30428 J 30'-21.7 LT. TO REMAIN IN PLACE

REMOVE BROKEN SECTION OF PIPE & GRADE SWALE TO DRAIN INTO A.C. SWALE AT PROPERTY OWNERS DIRECTION.

42

41

40

R.S. 48/61

2+21.00 BEGIN AC DRIVEWAY

2+43.00 END AC DRIVEWAY

40 30439 J 30'-21.0 LT. TO REMAIN IN PLACE

40 30439 J 30'-20.6' LT. TO REMAIN IN PLACE

5+30.00 ℄ CATCH BASIN & CMP INLET

5+37.64 ALIGNMENT BREAK

40 30439 J 30'-20.4 LT. TO REMAIN IN PLACE

7+73.30 MORRIS STREET = 0+00.00 VIEW PARK

40 30439 J 30' 20.7' LT. TO REMAIN IN PLACE

40 30439 J 30'-19.2 LT. TO REMAIN IN PLACE

MORRIS STREET

12" IRR.

GRADE SWALE INTO A.C. DITCH

R. GRADED SWALE

GRADE SWALE TO MISS P.P.'s

3' A.C. SWALE

537.69'

EXIST. 33" S

C.M.P. INLET PER C/R STD. # 412

317.13' 8" V.C.P. OVER 33" V.C.P. SEWER

PROP. 8" W

N. 89°35'24" E.

N 85°44'18" E.

24" R.C.P.

95.11 F.G.

PLACE 8 TYPE "L" MARKERS @ 60' C-C

6.7%

38.34 E.P.

38.34 E.P.

32

DOOLITTLE AVENUE

123+38.07 DOOLITTLE AVE.
0+00.00 MORRIS STREET
ALL CONST. S'LY OF THIS LINE IS TO BE DONE IN THE FUTURE.

0+99.40 E.C.R.

124+40.60 B.C.R.
N 56°24'16" W (R)

L=36.92'

CAUTION: 2" GAS LINE, 20' LT., UNDER CURB.

R.S. 24/88

33

430.98'

14' TO ℄
30' ℄ TO R

WARP SWALE ELEVATIONS TO BE EQUAL @ DRIVEWAY

16' WIDE PAVED APPROACH FROM EDGE OF DRIVING LANE TO R (2" A.C.)

SECTION D-D ⚠

SCALE 1"=10'

5.62' 50 S.F. OF GROUTED RIPRAP

178.82'

0+57.00 E.C.R. END S/W

0+57.00 B.C.R. BEGIN S/W

12' P.U.E.

GRADE TO DRAIN 400 GPM @ 2% 20'x20' INTAKE DRAIN ENERGENCY

7+46.30 B.C.R.

11.0' R.T. TO FACE

PP # 30432 J

8

8+30.30 E.C.R.

22' 22' 30' 30' 60'

VIEW PARK
SEE SHEET 4

L=88.00'

30 29'

0+57.00 B.C.R.
BEGIN S/W

L=75.27'

10'-0" E.C.

12' P.U.E.

12" IRR.

33" S

25+10.94' E.C.R.
N 69°40'42" E (R)

10+92.89 B.C.R.
TP # 38896 J
11+12.95 B.C.R.
N 69°40'42" E (R)

57.0' R.T. TO FACE

20' 35' 155'

SEE SHEET 2

VAN BUREN BOULEVARD

11+69.59 MORRIS ST. = 25+69.83 VAN BUREN BLVD.

SEE SHEET 2

6'6

LEGEND

REMOVE EXIST. PVM'T
NEW A.C. PVM'T
A.C. OVERLAY

CURVE DATA

NO.	R	Δ	L	T	NO.	R	Δ	L	T
①	35.00'	123°33'08"	75.47'	65.21'	⑩	39.50'	53°33'20"	36.92'	19.93'
②					⑪				
③	35.00'	90°00'00"	54.98'	35.00'	⑫	35.00'	91°36'03"	55.96'	35.99'
④					⑬	35.00'	91°32'40"	55.92'	35.96'
⑤	35.00'	61°45'09"	37.72'	20.93'					
⑥	386.00'	21°06'17"	145.55'	73.65'					
⑦	400.00'	21°36'17"	150.83'	76.32'					
⑧	422.00'	21°36'17"	159.13'	80.52'					
⑨	40.00'	73°34'37"	51.37'	29.78'					

APPROVED BY:
E. F. Parker
FOR SO. CALIF. GAS CO.
3/21/79
DATE

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.

BENCH MARK: CITY BENCH MARK H3-A
P.K. NAIL & TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BLVD. & ACORN ST.
CRFB 739-39 ELEV. 743.621

NOTE: FOR GENERAL NOTES & CONSTRUCTION NOTES SEE SHEET 1

INDEX D.S.K.

CITY OF RIVERSIDE
DOMESTIC SYSTEM & IRRIGATION SYSTEM
APPROVED BY:
Norman A. Van Wagenen 3/4/79
CHIEF UTILITIES ENGR. WATER DATE

CITY OF RIVERSIDE
OVERHEAD & UNDERGROUND
APPROVED BY:
R Robbin 3-9-79
FOR CHIEF UTILITIES ENGR., ELEC. DATE

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY John W. Canty DATE 11/8/78
R/E. No. 17550
W.O. 5978 FOR: AIRPORT INDUSTRIAL BROKERS F.B.

MARK	REVISIONS	APPR.	DATE
⚠	Revised A.C. Swale & driveway approach. Cont.		2-16-79
⚠	ADDED DRIVEWAYS, REVISED SWALE DEPTH		11-1-78
⚠	ADDED DRAINAGE DETAILS		10-6-78
⚠	Changed Vertical to round bottom Revised Tract No. from 13300-1 to 13300 (1)80.		3-9-78
⚠	Added driveway approach. Cont.		2-16-78

DESIGNED BY S.ZANDER DRAWN BY J.B. CHECKED BY

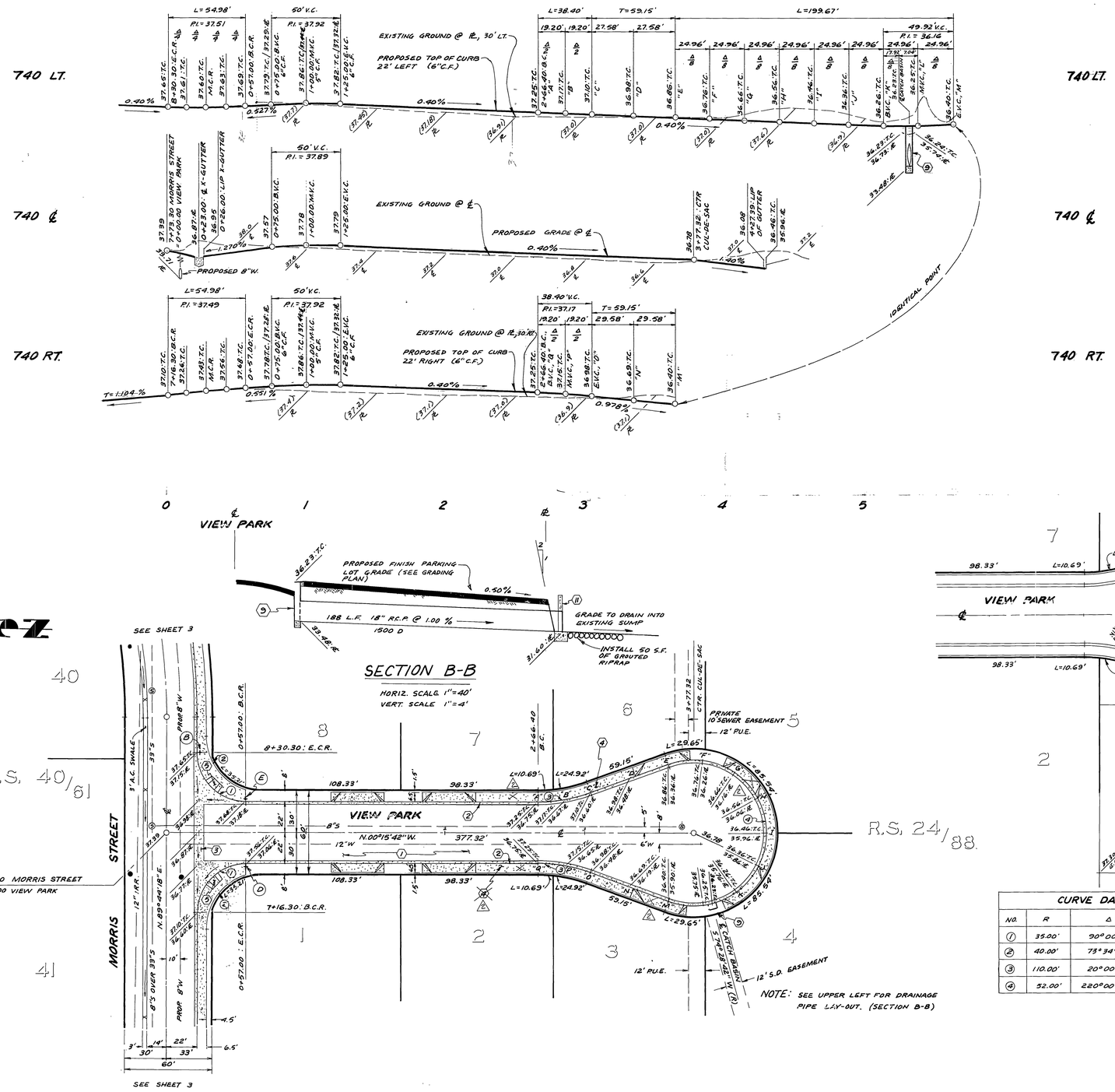
CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

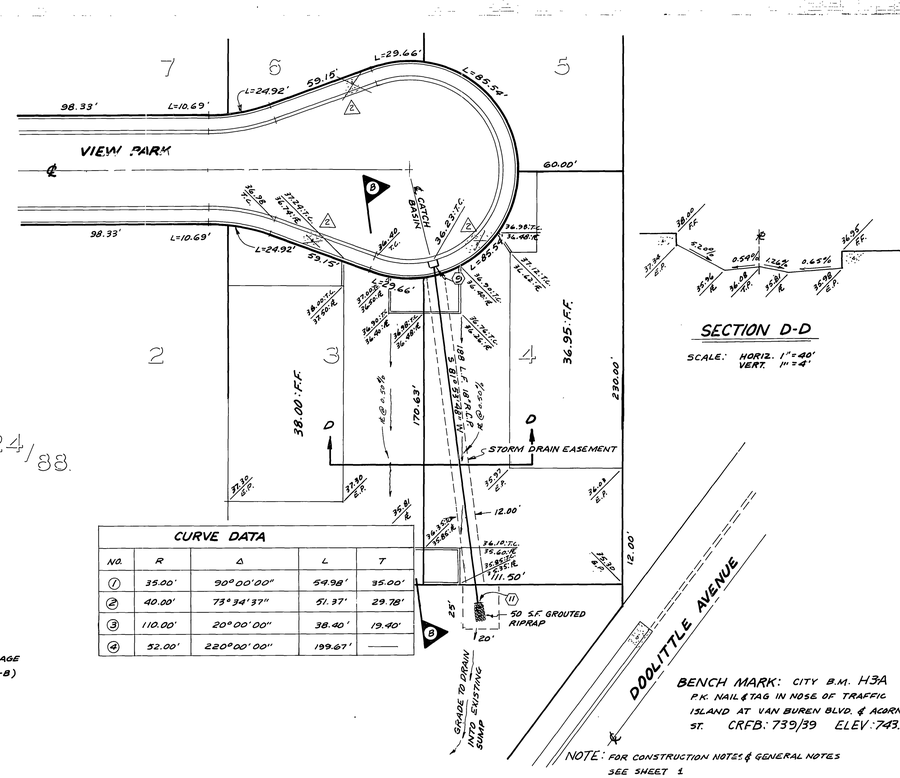
APPROVED	¾Y	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		3-8-79
TRAFFIC DIVISION		4-18-79
CHIEF P. W. ENGINEER		5-4-79

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/4/79

STREET PLAN & PROFILE
MORRIS STREET
TRACT 13300 ⚠
FROM DOOLITTLE AVE. TO VAN BUREN BLVD.
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

ACCOUNT NO.
R-2180
SHEET 3 OF 5
FILE NO. 5608





CURVE DATA

NO.	R	Δ	L	T
1	35.00'	90°00'00"	54.98'	35.00'
2	40.00'	73°34'37"	51.37'	29.78'
3	110.00'	20°00'00"	38.40'	19.40'
4	52.00'	220°00'00"	199.67'	—

BENCH MARK: CITY B.M. H3A
P.K. NAIL & TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BLVD. & ACORN ST. CRFB: 739/39 ELEV: 743.631

NOTE: FOR CONSTRUCTION NOTES & GENERAL NOTES SEE SHEET 1

CITY OF RIVERSIDE
DOMESTIC SYSTEM & IRRIGATION SYSTEM
APPROVED BY:
James H. Van Wagner 3/9/79
CHIEF UTILITIES ENGR., WATER DATE

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. Canty DATE 11/8/78
R.E. No. 17550
W.O. 5978 FOR: AIRPORT INDUSTRIAL BROKERS F.B.

MARK	REVISIONS	APPR	DATE
2	Eliminated SW. on View Park - Not req'd per C.P.C. conditions		11-14-78
1	Revised Tract No. from 13300-1 to 13300-2		11-18-78

DESIGNED BY BENDER DRAWN BY J.B CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

APPROVED	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		3-12-79
TRAFFIC DIVISION		4-18-79
CHIEF P. W. ENGINEER		5-4

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/4/79

STREET PLAN & PROFILE
VIEW PARK
TRACT 13300-X
FROM MORRIS STREET TO END (3+77.32)
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

INDEXED S.K.
ACCOUNT NO.
R-2180
SHEET 4 OF 5
FILE NO. 5608

740 LT.

FUTURE TOP OF CURB GRADE
0.20%
38.14 E.P.
123+07.95 E.A.C.R.
38.19 T.C.
124+60.60 B.C.R.
CURB LENGTH = 280.43'
PROPOSED TOP OF CURB @ 20' LT. (6" C.F.)
(0.204% CURB) 0.20%
CURB LENGTH = 49.30'
50' V.C.
P.I.=37.57
CURB LENGTH = 159.10'
EXISTING GROUND @ 12, 40' LT.
(0.855% CURB) 0.845%
0.845%
40' V.C.
P.I.=35.12
130+20.00 B.V.C.
130+40.00 M.V.C.
@ CATCH BASIN
130+60.00 E.V.C.
JOIN EXISTING CURB & GUTTER
EXISTING TOP OF CURB
0.69%
0.40%
EXISTING EDGE OF PAVEMENT @ 13'± LEFT

740 12'LT.

PROPOSED 1/4 CROWN @ 12' LT.

740 ℄

EXISTING GRADE @ ℄

122 123 124 125 126 127 128 129 130 131 132

R.S. 48/61

MORRIS STREET
N.89°35'24"E.
3'A.C. SWALE
12"RCP
2'G
RACK 1 TYPE "C" MARKER AS SHOWN
GRADE TO DRAIN
N.26°37'24"W.
C&G PER C/R DWG. R-1098
0+77.28 BEGIN A.C. RETURN
123+07.95 E.A.C.R.
N.0°24'33"E.(R)
END 3' WIDE SWALE
M.H. MAIN C&G
24' RT. 24' RT. 20' RT.
38.14 E.P.
37.83 E.P.
38.34
2'G
8'W
37.49 T.C.
36.93 E.C.
0+99.40 E.C.R.
124+40.60 B.C.R.
N.56°02'16"E.(R)
L=36.92'
L=488.29'
122+57.09 B.C.
P.P.# 200861 H
END C&G
38 RT. 20 RT.
M.H.: SEWER 27.5' RT. 25.5' L.T.
WATER 26.5' RT.
RELOCATE WM BY DIFF FORCES
123+38.07 DOOLITTLE AVE.
=0+00.00 MORRIS ST.
ALL CONST. S'LY OF THIS LINE IS FUTURE.
DOOLITTLE
6"W
AVENUE
CAUTION: 2" GAS LINE, 20' LT. UNDER CURB.
129+36.95 E.C.
52 S.F. OF GROUTED RIPRAP
GRADE TO DRAIN
141.11'
130+40.00 @ CATCH BASIN
12"RCP
130+78.02 JOIN EXISTING CURB & GUTTER
END PROJECT STREET
12' P.U.E.
18"RCP
EXIST. 15" C.M.P.
EXIST C&G PER R-1575
2'G
N.53°47'17"W.
16" CONC. PIPE PER R-1575.
30.79 ℄
23.74 ℄
20'
40'
80'
40'
33
33'
63'
30'
14'
22'
11'
24'
P.P.# 200860 H
RELOCATE BY PACIFIC TELEPHONE
P.P.# 200859 H 21'LT.
RELOCATE BY PACIFIC TELEPHONE
P.P.# 432130 H 25'LT.
RELOCATE BY PACIFIC TELEPHONE
16.3'LT. GAS VALVE
20'LT. EXIST. C&G
12.3'RT. 11.3'RT. F.H. WATER VALVE
33
34
35
R.S. 24/88
4
38

R/W 13.5' 6.5' 20' ℄ DOOLITTLE
35.18 T.C.
GRADE TO DRAIN INTO EXIST SUMP
10 L.F. 18"R.C.P. @0.2% 1500 D
INSTALL 50 S.F. OF GROUTED RIPRAP
32.41' E.
32.43' E.
SECTION C-C
HORIZ SCALE 1"=10'
VERT. SCALE 1"=4'

CURVE DATA				
NO.	R.	Δ	L	T
1	1432.69'	27°09'53"	679.26'	346.14'
2	1412.69'	19°49'33"	488.83	246.88'
3	35.00'	123°33'08"	75.47'	65.21'
4				
5	35.00'	61°45'09"	37.72'	20.93'
6				

LEGEND
A.C. OVERLAY
NEW A.C. PAVING

BENCH MARK: CITY BENCH MARK H3-A.
P.K. NAIL & TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BLVD. & ACORN ST.
CRFB 739/39 ELEV.: 743.621

NOTE: SEE SHEET #1 FOR CONSTRUCTION GENERAL NOTES

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.

CITY OF RIVERSIDE
DOMESTIC SYSTEM & IRRIGATION SYSTEM
APPROVED BY:
CHIEF UTILITIES ENGR., WATER — DATE 5/9/79

APPROVED BY:
FOR PACIFIC TELEPHONE CO.
DATE 2-21-79

APPROVED BY:
FOR SO. CALIF. GAS CO.
DATE 12/1/78

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY Jack W Canty DATE 11/8/78
R.E. No. 17550
W.O. 5978 FOR: AIRPORT INDUSTRIAL BROKERS F.B.

MARK	REVISIONS	APPR.	DATE
1	Revised Tract No. from 13900.1 to 13900		9/18/78

DESIGNED BY BENDER DRAWN BY J.C. CHECKED BY

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	BY	DATE
APPROVED		
PRINCIPAL ENGINEER		
PARK DEPARTMENT		5-8-79
TRAFFIC DIVISION		4-18-79
CHIEF P. W. ENGINEER		5-4

APPROVED BY
PUBLIC WORKS DIRECTOR
DATE 5/4/79

STREET PLAN & PROFILE
DOOLITTLE AVENUE
TRACT 13300 ✕ △
FROM 123+00± TO 130+72±
HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

INDEXED S.K.
ACCOUNT NO.
R-2180
SHEET 5 OF 5
FILE NO. 5608