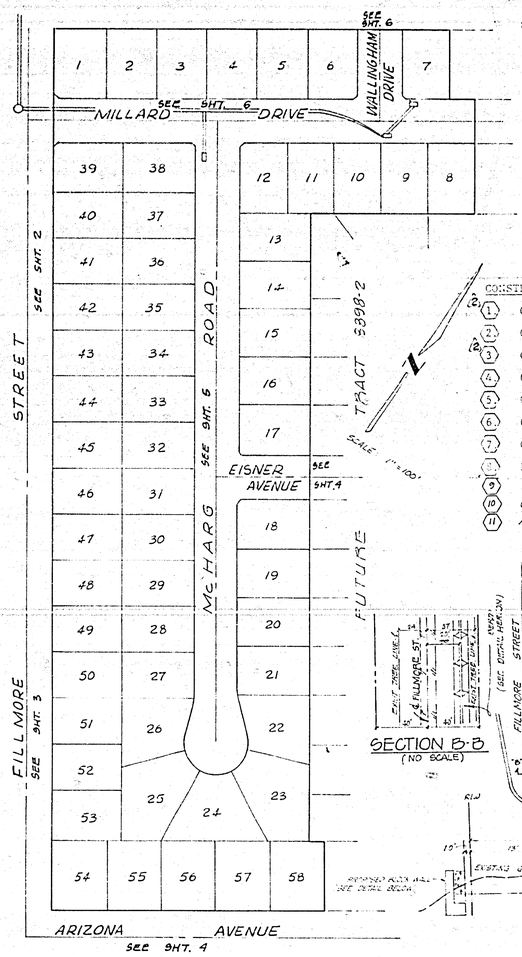
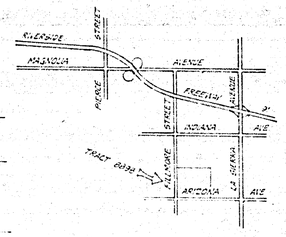
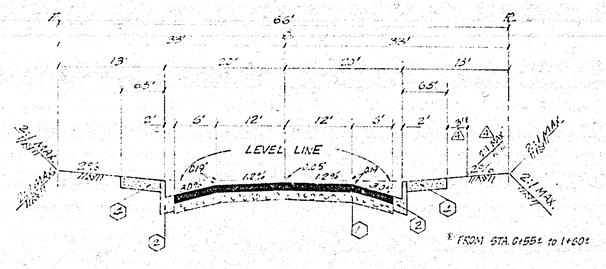


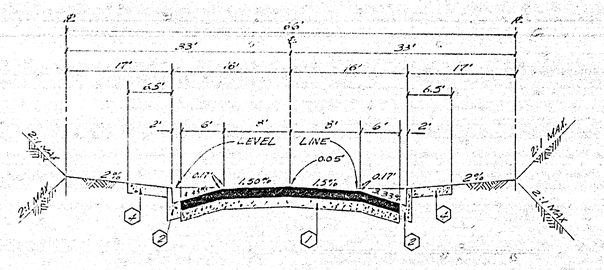


CONSTRUCTION NOTES:

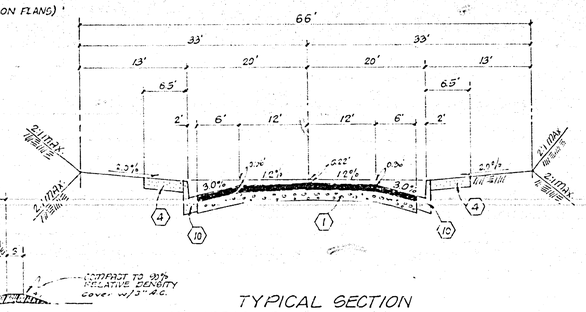
1. CONSTRUCT 2½" A.C. OVER 4" D.G. BASE OR 4" A.C. OVER COMPACTED NATIVE SOIL.
2. CONSTRUCT CURB AND GUTTER PER STANDARD DRAWING 200 (TYPE I) 6" C.F.
3. CONSTRUCT 3" A.C. OVER 4" D.G. BASE OR 5" A.C. OVER COMPACTED NATIVE SOIL.
4. CONSTRUCT CURB SIDEWALK PER STANDARD DRAWING 325.
5. CONSTRUCT WHEELCHAIR RAMPS PER STANDARD DRAWING 304.
6. CONSTRUCT CROSS-GUTTER PER STANDARD DRAWING 220. (WIDTH AS SHOWN ON PLANS)
7. CONSTRUCT BARRICADE PER STANDARD DRAWING 180
8. PLACE 2" X 4" REDWOOD HEADER.
9. INSTALL TYPE 'L' MARKERS PER STD DWG. 825
10. CONSTRUCT CURB AND GUTTER PER STD DWG. 200 (TYPE I) 8" C.F.
11. ADJUST EXISTING MANHOLE TO FINISHED STREET GRADE



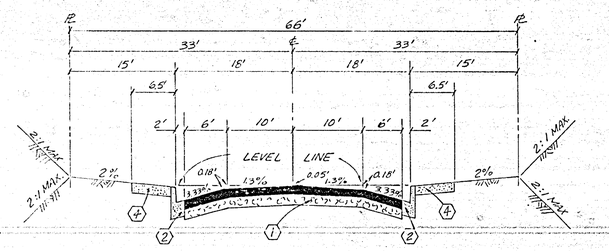
TYPICAL SECTION
MILLARD DRIVE (℄ FILLMORE ST. TO WALLINGHAM DRIVE)
T.I.=5



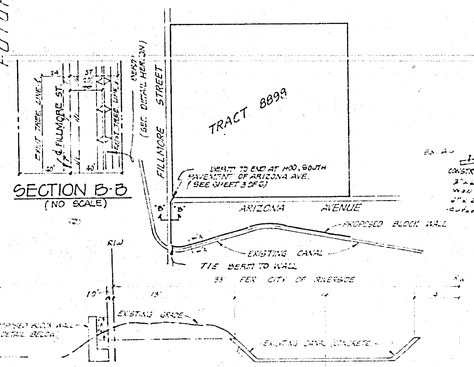
TYPICAL SECTION
WALLINGHAM DRIVE (STA. 0+00 TO 1+38.00)
T.I.=5



TYPICAL SECTION
MILLARD DRIVE (WALLINGHAM DR. TO STA 6+62.43)
T.I.=5



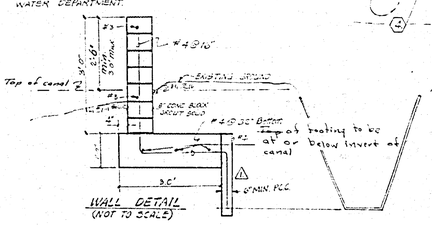
TYPICAL SECTION.
EISNER AVENUE (℄ McHARG RD. TO STA. 1+35.00)
T.I.=5



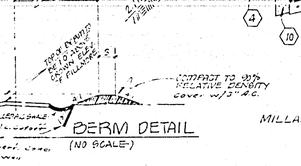
SECTION B-B
(NO SCALE)

SECTION "A"-"A"
SCALE 1"=6'

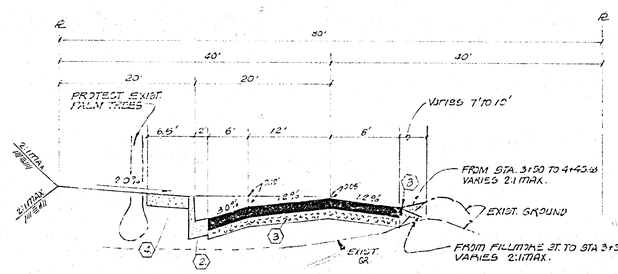
WALL NOTE:
IF THE CONTRACTOR ENGINES TO UTILIZE THE CANAL ON NIGHT OR WILL NOT CONTAIN A NIGHT OF ENTRY FROM THE CITY OF RIVERSIDE WATER DEPARTMENT.



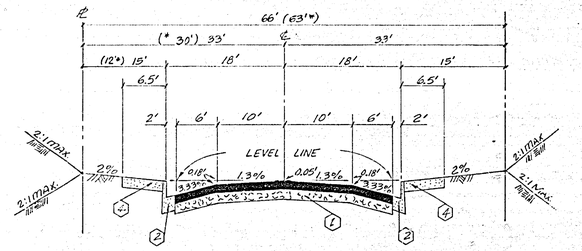
WALL DETAIL
(NOT TO SCALE)



BERM DETAIL
(NO SCALE)



TYPICAL SECTION
ARIZONA AVENUE (℄ FILLMORE ST. TO STA. 4+45.24)
T.I.=6



TYPICAL SECTION
McHARG ROAD (℄ MILLARD DR. TO STA. 5+33.98)
* FROM STA. 5+33.98 TO 8+44.03
T.I.=5

FOR FILLMORE ST. TYPICAL SECTION SEE SHT. 2 OF 6

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 AFFECT 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 AND SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1976 EDITION.
3. PRIME COAT, SEAL COAT, AND PAINT BINDER ARE REQUIRED.
4. CURB AND GUTTER SHALL BE STAKED WITH 3.0 FOOT OFF-SETS AT 25.0 FOOT INTERVALS.
5. 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.
6. TRAFFIC CONTROL SIGNS SHALL BE IN PLACE PRIOR TO OPENING THE STREETS TO TRAFFIC.
7. 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.
8. THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY A SOILS ENGINEER AFTER THE STREETS HAVE BEEN PREPARED TO ROUGH GRADE. DEPTH OF BASE MATERIAL AND A.C. PAVING SHALL BE DETERMINED BY THE CITY OF RIVERSIDE DESIGN STANDARDS AND TEST PROCEDURES.
9. SEE "STREET LIGHTING PLAN" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS
10. 4" X 4" BLOCKOUTS FOR MAIL BOXES REQUIRED IN CURB SIDEWALK.
11. 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 10 TONS.
12. 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.
13. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.

STREET NAME & TRAFFIC SIGN SCHEDULE		
(A)	FILLMORE ST.	3000
	ARIZONA AVE.	11400
(B)	FILLMORE ST.	3000
	MILLARD AVE.	11400
(C)	McHARG RD.	3000
	MILLARD AVE.	11400
(D)	MILLARD AVE.	11400
	WALLINGHAM DR.	3000
(E)	McHARG RD.	3000
	EISNER AVE.	11400
(F)	R-1 (STOP SIGN) 30" OCTAGON	
(G)	W53 (NOT A THROUGH STREET) 24" x 24"	

B.M. FD. PK. NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL E'LY SIDE FILLMORE ST. ELEV. = 797.286'

INDEXED RF ★ AS BUILT 12-3-79 BP

CITY OF RIVERSIDE
DOMESTIC SYSTEM & Irrigation Division
CHIEF UTILITIES ENGINEER, WATER — DATE 11-5-77

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY — DATE 6/6/77
R.E. No 17550
A.C. 5257 FOR MURRAY DEV. CO. F.B.

MARK	REVISIONS	APPR	DATE
1	Added elev. in R/W to meet as built conditions		12-3-79
2	Revised alignment from 90° to 60° to wind curb		12-3-79
3	Added paving section per SR1016		10-8-79
4	Revised Wall Detail		10-8-79

DESIGNED BY C.H. DRAWN BY C.F. CHECKED BY C.H.

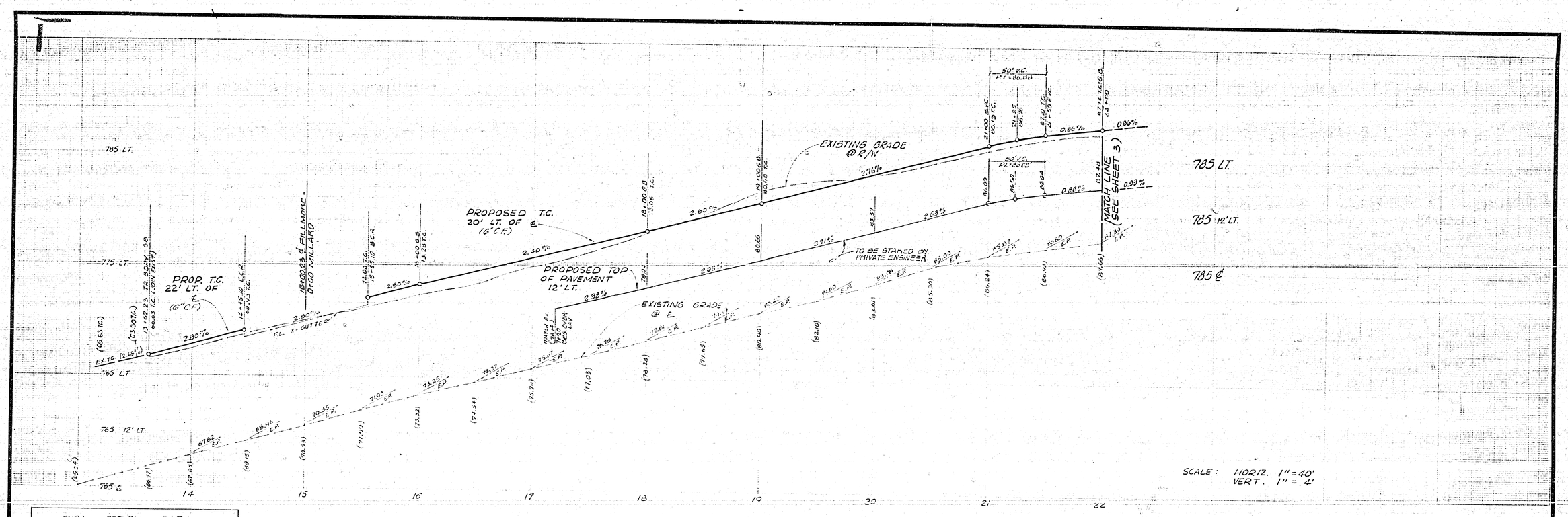
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
OFFICE ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
ASSISTANT CITY ENG.		

APPROVED BY — DIRECTOR OF PUBLIC WORKS
DATE 3/30/78

STREET PLAN AND PROFILE
TITLE SHEET
TRACT NO. 8898-1
SCALE: AS SHOWN

PROJECT NO. R-2094
SHEET 1 OF 6
FILE NO. 5546



CURB RETURN DATA				
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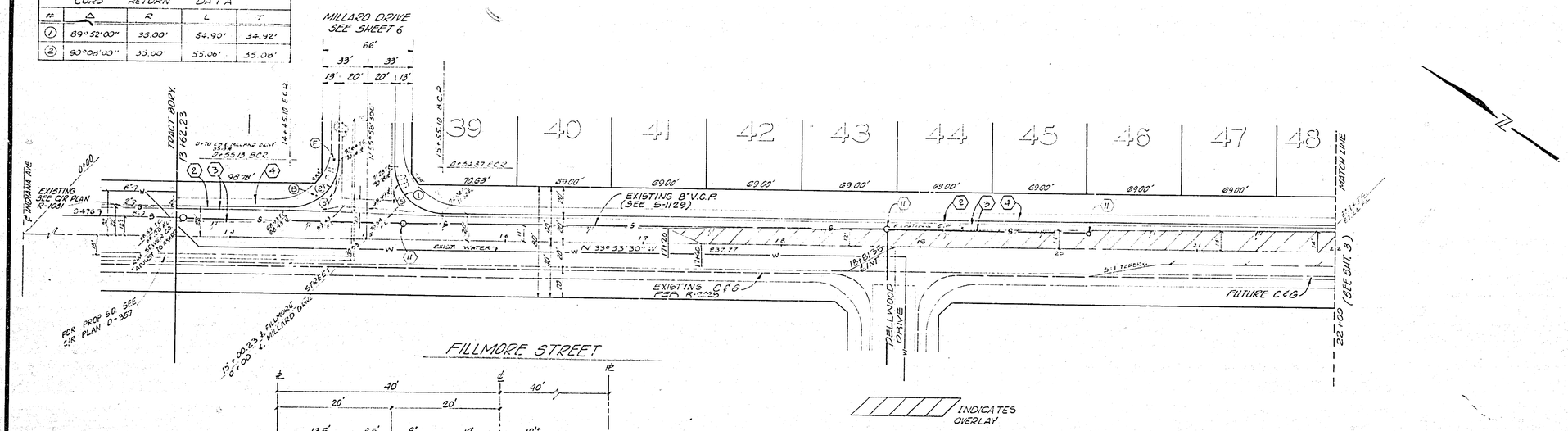
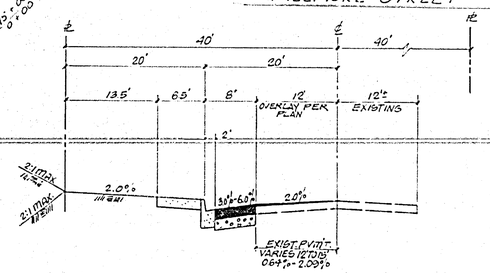
2	90°00'00"	35.00'	55.00'	35.00'





TYPICAL SECTION
FILLMORE STREET
T.1.-6

CROSS-FALL CHART			
STA	DRIVING LANE EXIST. (%)	DRIVING LANE PROP. (%)	PARKING LANE PROPOSED (%)
13+62	(1.10)	(1.10)	5.17
14+00	(2.09)	(2.09)	4.67
15+00	(1.64)	(1.64)	3.67
16+00	(0.64)	(0.64)	5.50
17+00	(1.00)	(1.00)	5.80
18+00	(3.92)	2.00	5.50
19+00	(4.00)	2.00	5.80
20+00	(3.79)	2.00	6.00
21+00	(2.64)	2.00	3.20
22+00	(1.93)	2.00	5.00
23+00	(2.86)	1.50	6.00
24+00	(3.67)	1.00	5.11
25+00	(3.73)	1.00	5.33
26+00	(2.93)	2.00	5.50
27+00	(2.50)	1.78	3.00
28+00	(1.78)	(1.78)	6.00

AS BUILT 12-3-79 B.P.
B.M. - FD. PK NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL - E'LY SIDE FILLMORE STREET. ELEV = 797.286'

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY J. W. Canty DATE 6/6/77
R.E. No. 17550
W.O. 5257 FOR: MURRAY DEV. CO. F.B.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY C.H. DRAWN BY C.F. CHECKED BY C.H.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

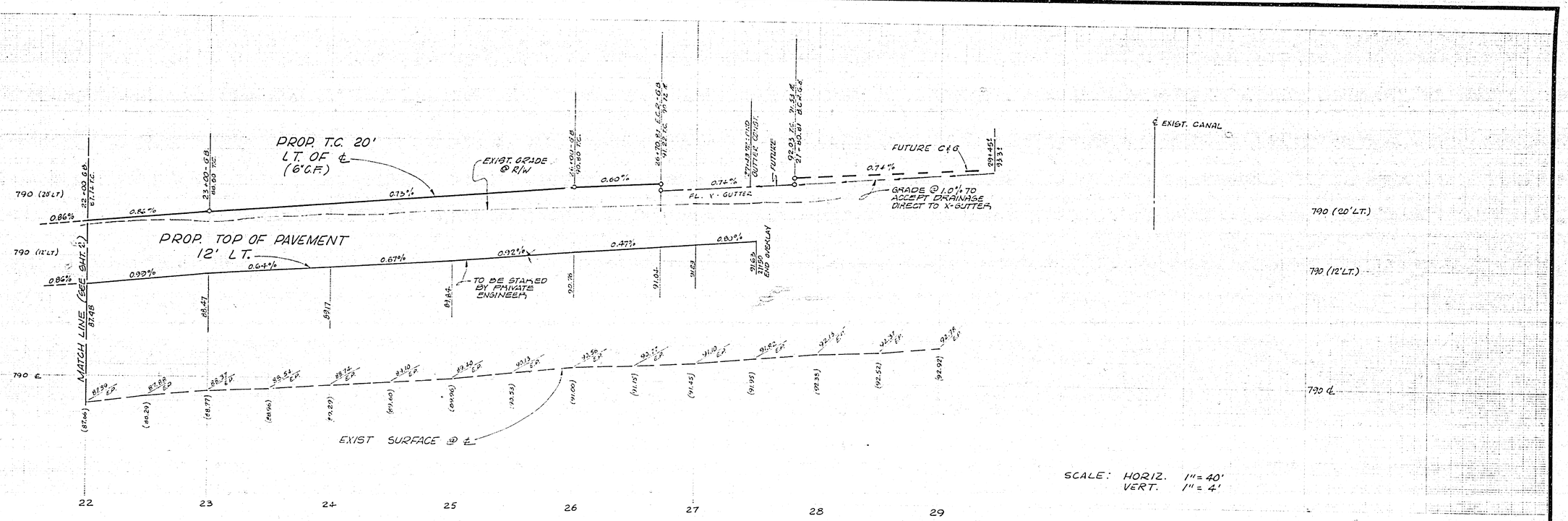
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		12-4-78
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 5/30/78

STREET PLAN & PROFILE
TRACT 8898-1
FILLMORE STREET
(FROM STA. 13+62.23 TO STA. 22+00)

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

PROJECT NO. R-2094
SHEET 2 OF 6
FILE NO. 5546



CURB RETURN DATA				
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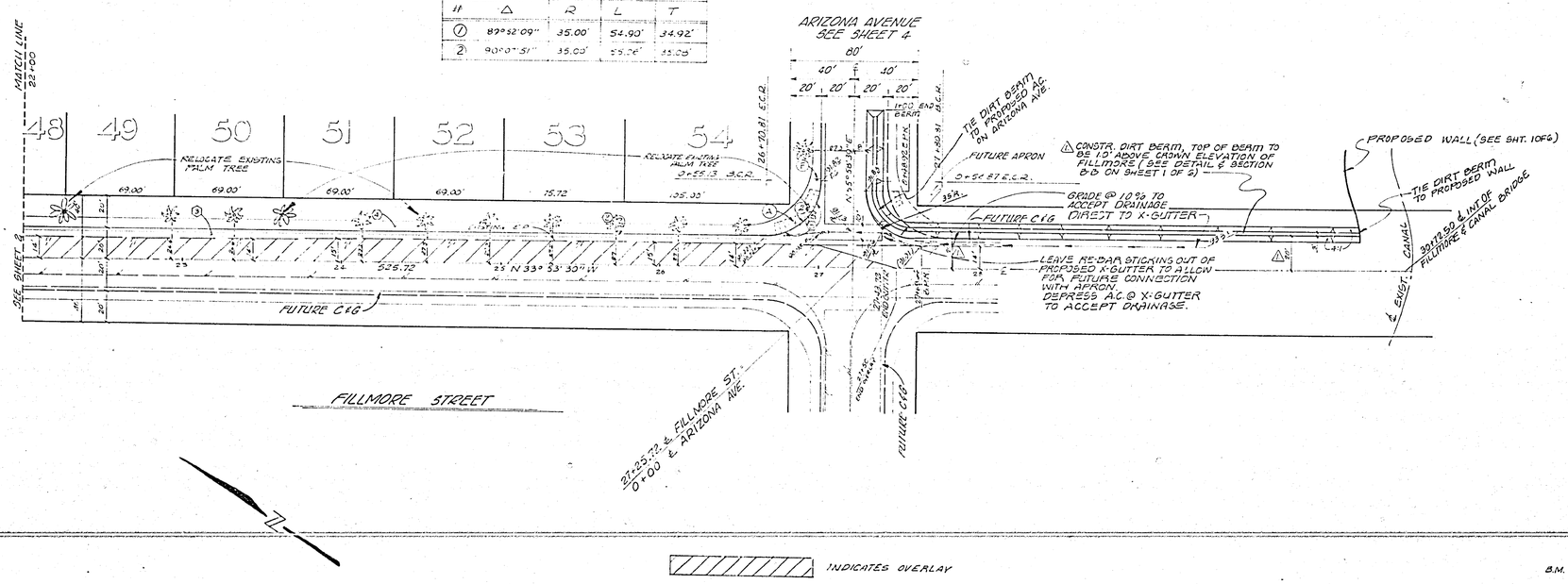
2	90°07'51"	35.00'	55.06'	35.08'



INDICATES OVERLAY

* AS BUILT 12-3-79
B.M. - FOUND PK. NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL - E'LY SIDE FILLMORE STREET. ELEV. = 797.286'

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY John W. Canty DATE 6/6/77
R.E. No. 17550
W.O. 5057 FOR: MURRAY DEV. CO. F.B.

MARK	REVISIONS	APPR.	DATE
1	Revised dirt berm from 30" to 35" to end trees		2-28-79

DESIGNED BY C.H. DRAWN BY C.F. CHECKED BY C.H.

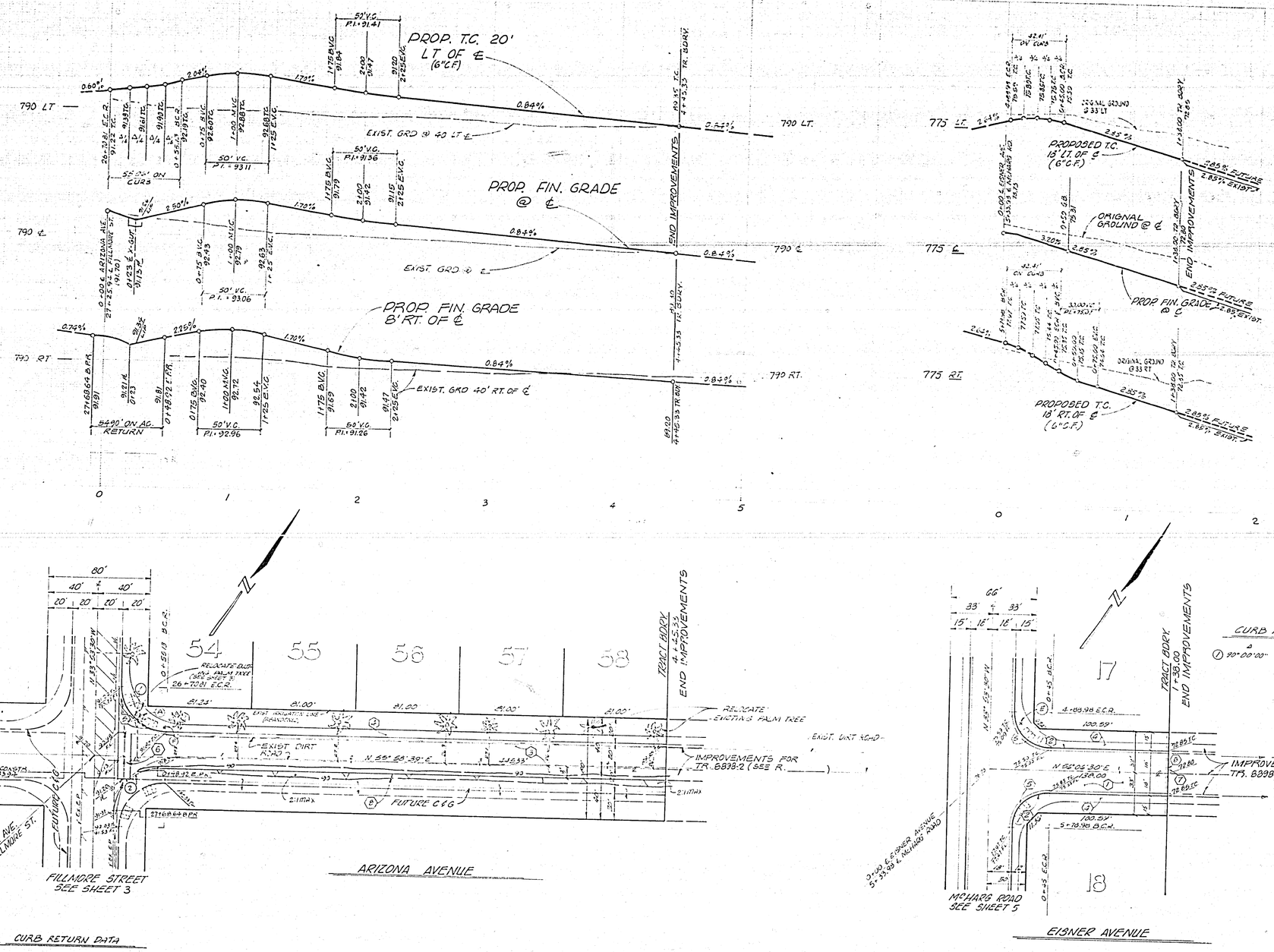
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		11-10
TRAFFIC DIVISION		2-22
CHIEF P. W. ENGR.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 5/30/78

STREET PLAN & PROFILE
TRACT 8898-1
FILLMORE STREET
(FROM STA. 22+00 TO ARIZONA AVE)
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'

PROJECT NO. R-2094
SHEET 3 OF 6
FILE NO. 5546



CURB RETURN DATA

	Δ	R	L	T
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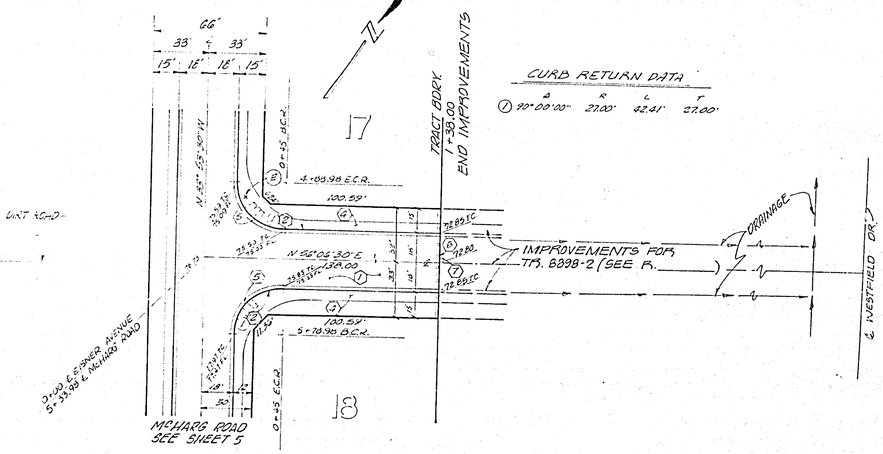
②	89°52'09"	55.00'	84.93'	54.92'



CURB RETURN DATA

	Δ	R	L	T
①	90°00'00"	27.00'	42.41'	27.00'

* AS BUILT 12-3-79 B.P.
B.M. - FD. PK NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL - E'LY SIDE FILLMORE STREET. ELEV. = 797.286'

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY J. W. Crosby DATE 6/6/77
R.E. No. 17950
W.O. 5057 FOR: McARRY DEV. CO. F.B.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY C.H. DRAWN BY J.F. CHECKED BY C.H.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

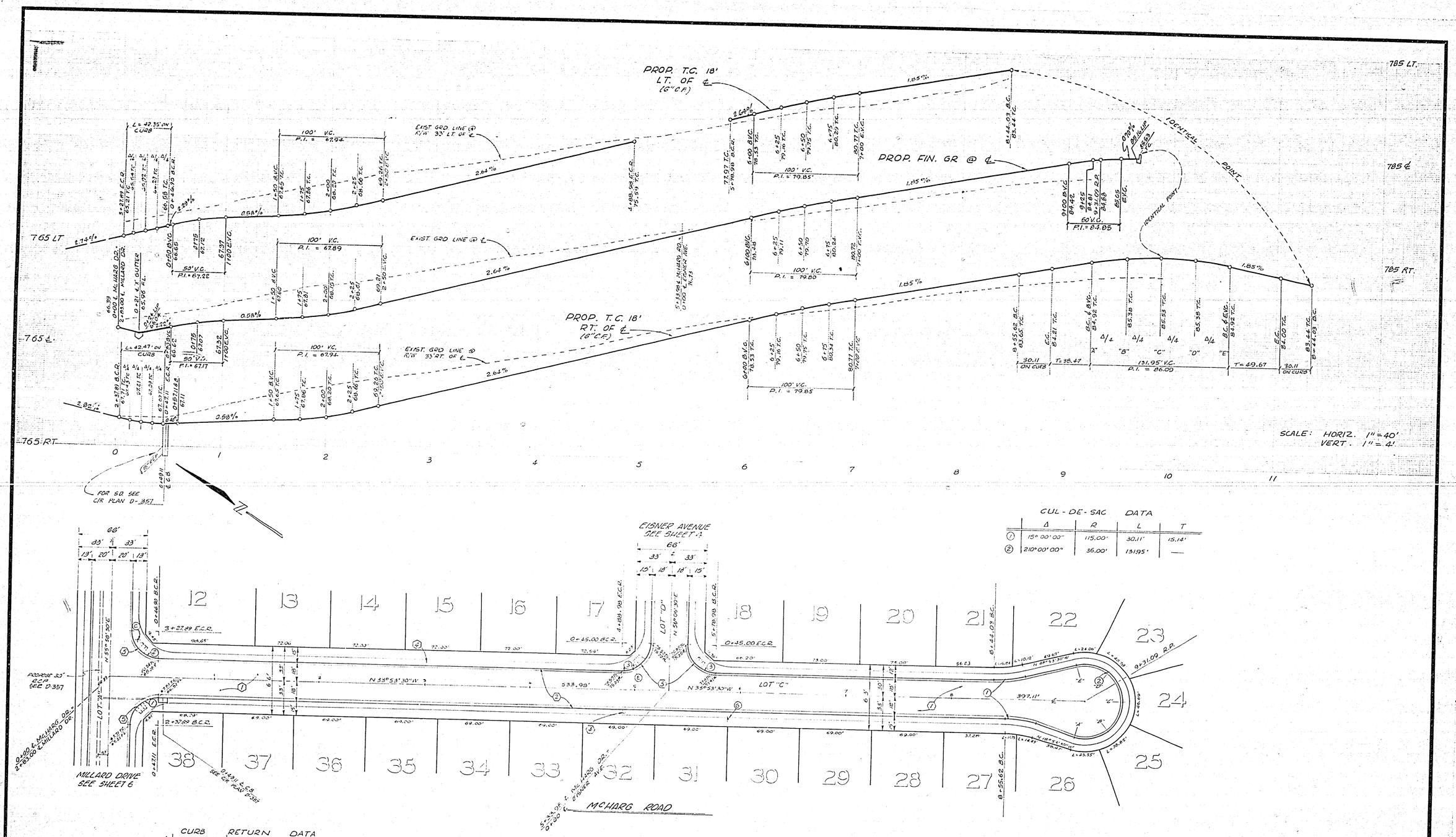
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		12-20
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 5/30/78

STREET PLAN & PROFILE
TRACT 8898-1
ARIZONA AVENUE
EISNER AVENUE

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

PROJECT NO. R-2094
SHEET 4 OF 6
FILE NO. 5546



CUL-DE-SAC DATA

	Δ	R	L	T
①	15° 00' 00"	115.00'	30.11'	15.14'
②	210° 00' 00"	36.00'	131.95'	—

CURB RETURN DATA

#	Δ	R	L	T
①	90° 00' 00"	27.00'	42.47'	27.06'
②	89° 52' 00"	27.00'	42.35'	26.94'
③	90° 00' 00"	27.00'	42.41'	27.00'

* AS BUILT 12-3-74 B.P.

B.M. - FD. PK. NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL - E'LY SIDE FILLMORE STREET. ELEV. = 797.286'

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY John W. Canty DATE 6/6/77
R.E. No. 17550
W.O. 5057 FOR MURRAY DEV. CO.

MARK	REVISIONS	APPR.	DATE

DESIGNED BY C.H. DRAWN BY C.F. CHECKED BY C.H.

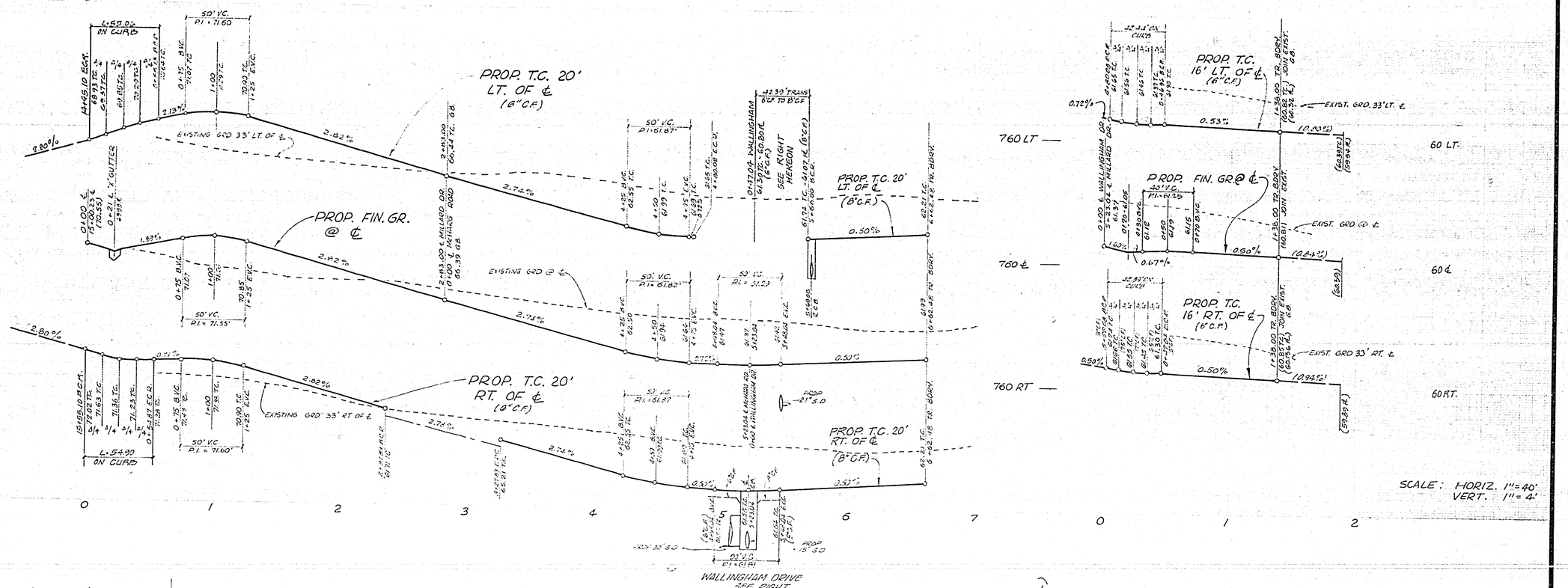
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

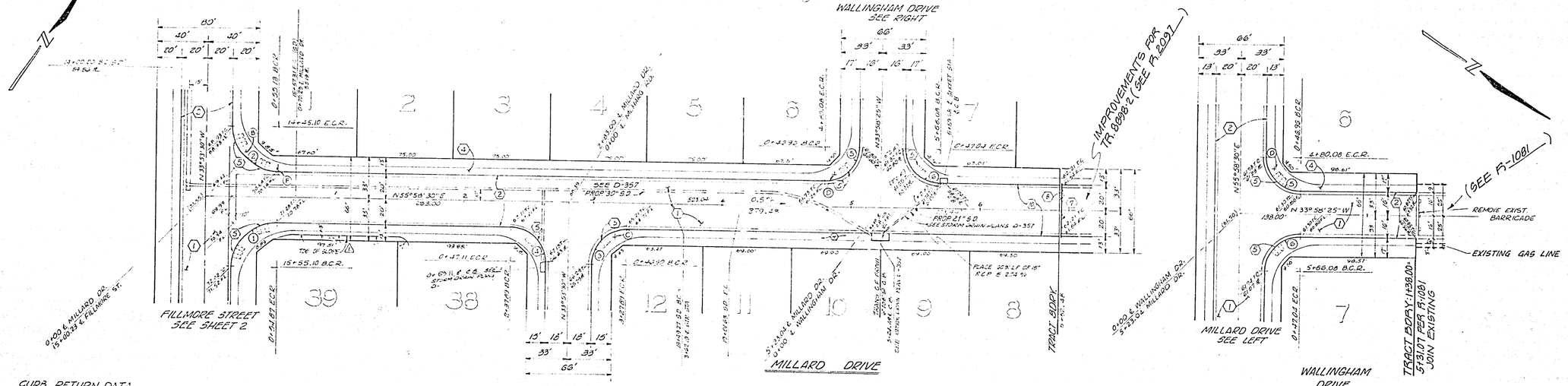
APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT	RB	10-30
TRAFFIC DIVISION		5-22
CHIEF P. W. ENGR.		

APPROVED BY [signature]
DIRECTOR OF PUBLIC WORKS
DATE 5/30/78

STREET PLAN & PROFILE
TRACT 8898-1
McHARG ROAD

PROJECT NO. R-2094
SHEET 5 OF 6
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
FILE NO. 5546





CURB RETURN DATA

	Δ	R	L	T
1	89° 52'00"	35.00'	54.90'	34.92'
2	90° 08'00"	35.00'	55.06'	35.08'
3	89° 52'00"	27.00'	42.35'	26.94'
4	90° 08'00"	27.00'	42.47'	27.06'
5	89° 55'55"	27.00'	42.35'	26.94'
6	90° 03'05"	27.00'	42.47'	27.06'

* AS BUILT 12-3-79 B.P.

BM. FD. P.K. NAIL & TAG IN N'LY CEMENT BANK OF R.W.C. CANAL E'LY SIDE FILMORE STREET. ELEV. 797.286'

J. F. DAVIDSON ASSOCIATES
CIVIL ENGINEERS - SURVEYORS - PLANNERS
RIVERSIDE, CALIFORNIA
APPROVED BY John W. Canty DATE 6/6/77
R.E. NO. 17550

MARK	REVISIONS	APPR.	DATE
1	Added Slope in R/W. to meet as built conditions		12-27-79

DESIGNED BY C.H. DRAWN BY G.C. CHECKED BY C.H.

CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER		
PARK DEPARTMENT		
TRAFFIC DIVISION		
CHIEF P. W. ENGR.		

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 5/30/80

STREET PLAN & PROFILE
TRACT 8898-1
MILLARD DRIVE
WALLINGHAM DRIVE

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

PROJECT NO. R-2094
SHEET 6 OF 6
FILE NO. 5546