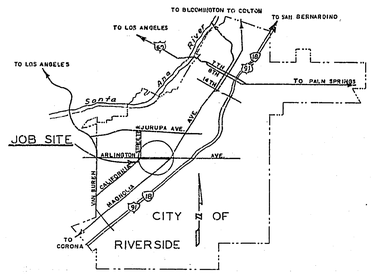
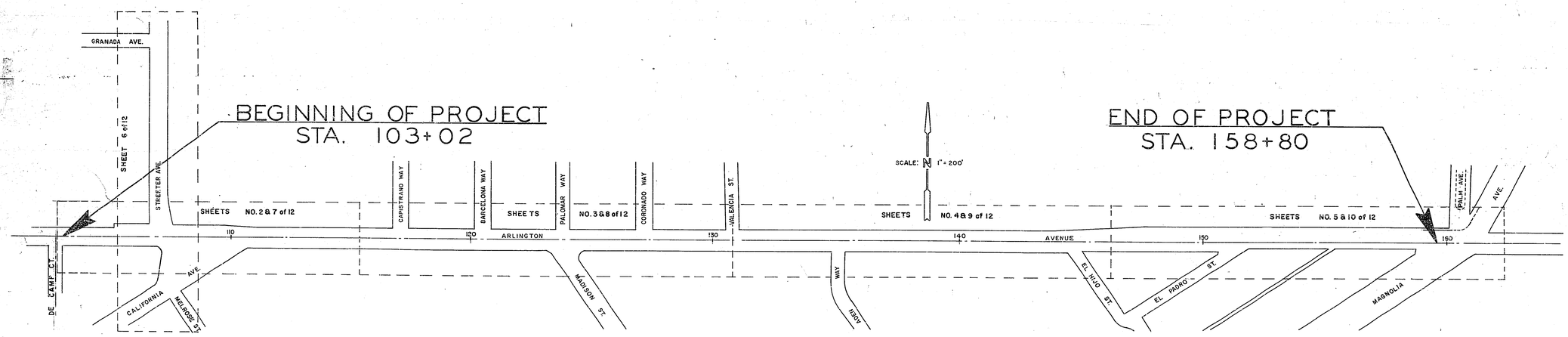


VICINITY MAP

NO SCALE



REVISIONS		
MARK	DATE	DESCRIPTION
	DEC.'60	GENERAL REVISION

MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

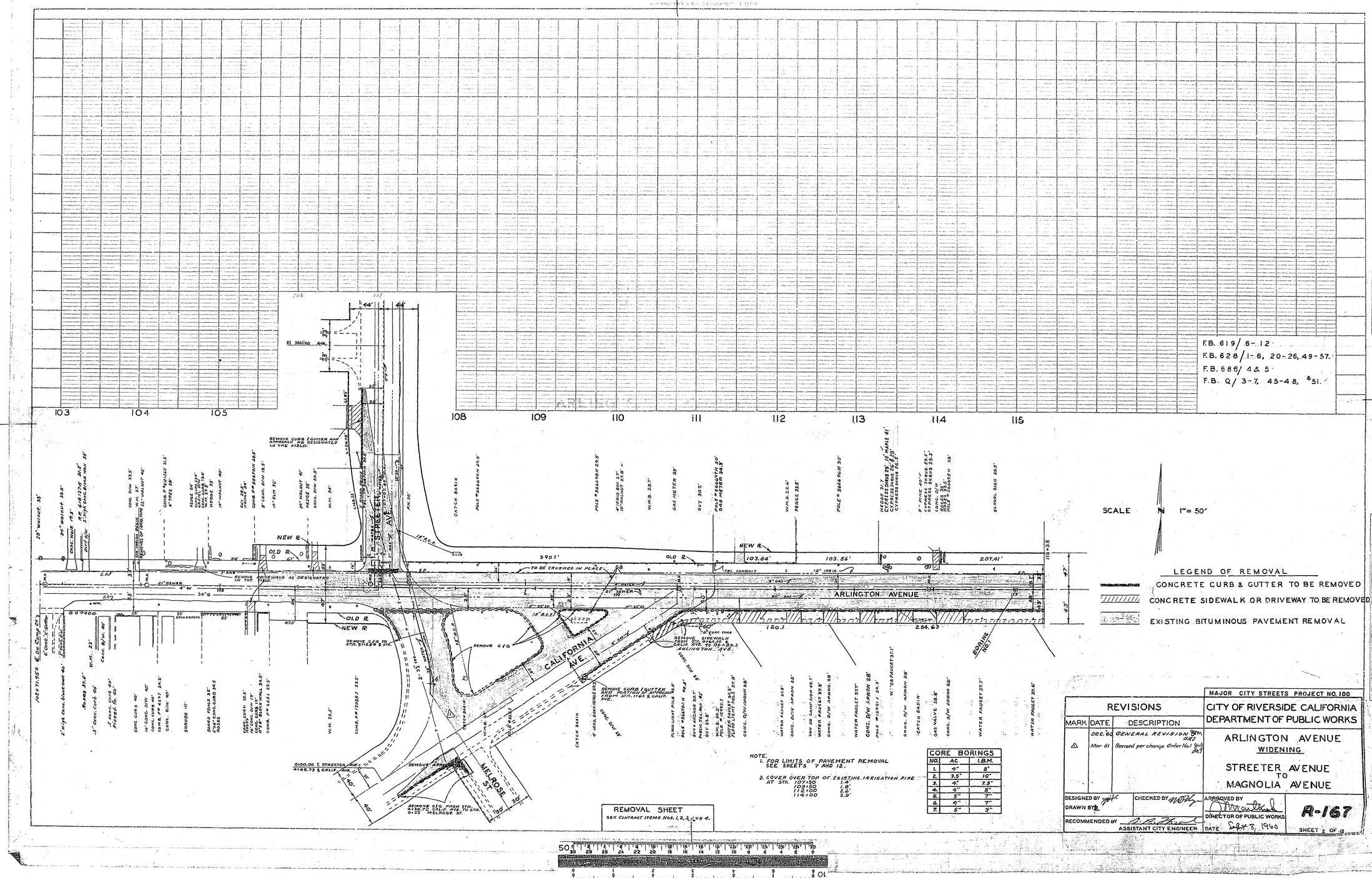
APPROVED BY
PARK AND RECREATION DIRECTOR
DATE:

DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER

APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE Sept. 5, 1940

R-167

SHEET 1 OF 12



SCALE 1" = 50'

LEGEND OF REMOVAL

- CONCRETE CURB & GUTTER TO BE REMOVED
- CONCRETE SIDEWALK OR DRIVEWAY TO BE REMOVED
- EXISTING BITUMINOUS PAVEMENT REMOVAL

NOTE:
1. FOR LIMITS OF PAVEMENT REMOVAL SEE SHEETS 7 AND 12.
2. COVER OVER TOP OF EXISTING IRRIGATION PIPE AT STA. 107+50 1.4'; 109+50 1.8'; 112+00 2.6'; 114+00 2.9'

CORE BORINGS		
NO.	AC	I.B.M.
1.	4"	8"
2.	3.5"	10"
3.	4"	7.5"
4.	4"	5"
5.	5"	7"
6.	4"	7"
7.	5"	3"

REMOVAL SHEET
SEE CONTRACT ITEMS NOS. 1, 2, 3, AND 4.

REVISIONS		
MARK	DATE	DESCRIPTION
△	DEC. '60	GENERAL REVISION
	Mar 61	Revised per change Order No. 1

MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

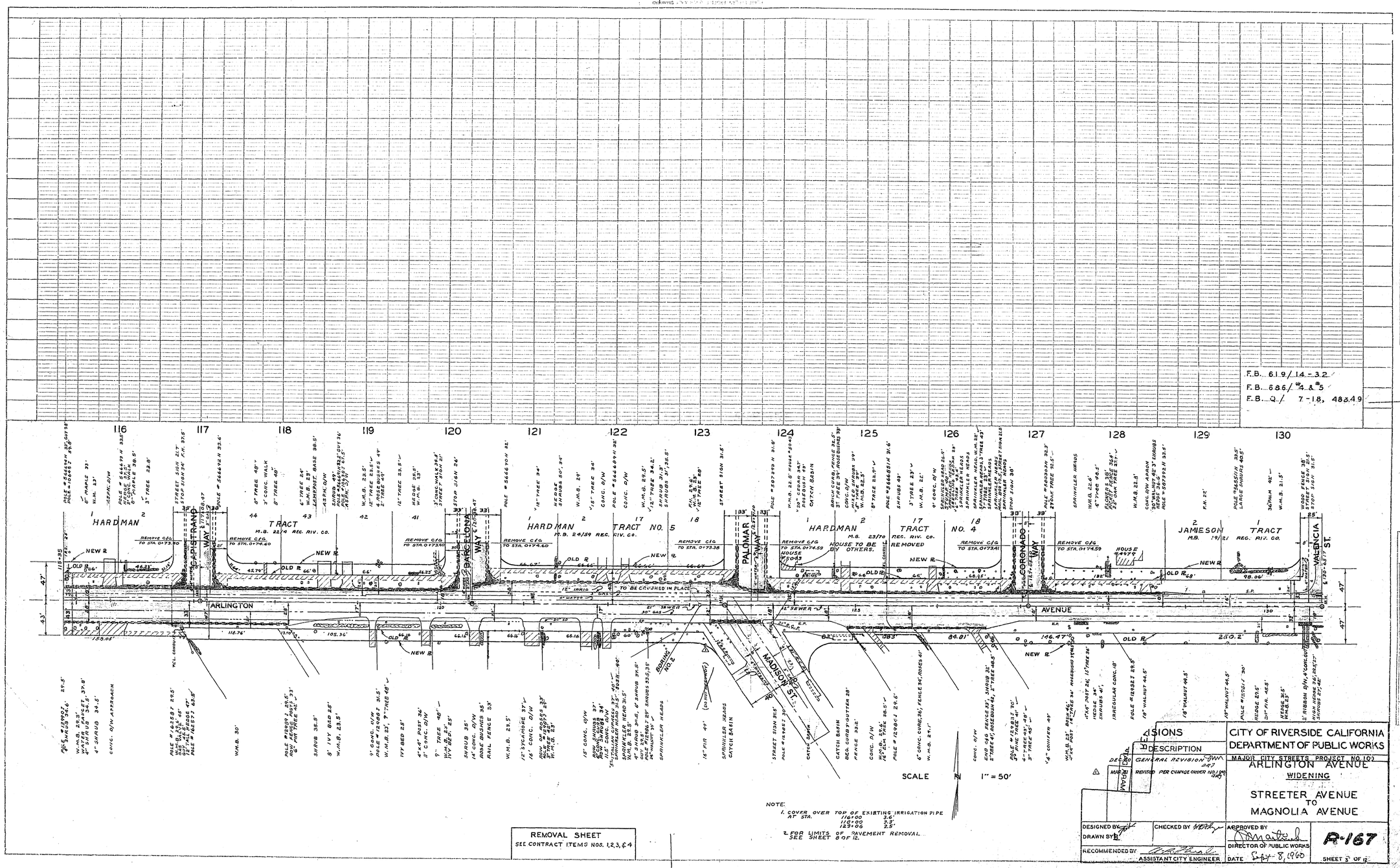
ARLINGTON AVENUE
WIDENING

STREETER AVENUE
TO
MAGNOLIA AVENUE

DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE Sept 8, 1960

A-167

SHEET 2 OF 12



NOTE:

1. COVER OVER TOP OF EXISTING IRRIGATION PIPE AT STA.

116+00	3.6'
118+00	3.2'
119+06	2.5'

2. FOR LIMITS OF PAVEMENT REMOVAL SEE SHEET 8 OF 12.

REMOVAL SHEET
SEE CONTRACT ITEMS NOS. 1, 2, 3, & 4

PROFILE
ESTIMATED
PLOTTED
NOTE BOOK CHECKED
IN MAS. INDEX
STRUCTURE SCALE 1" = 5' CHKD.

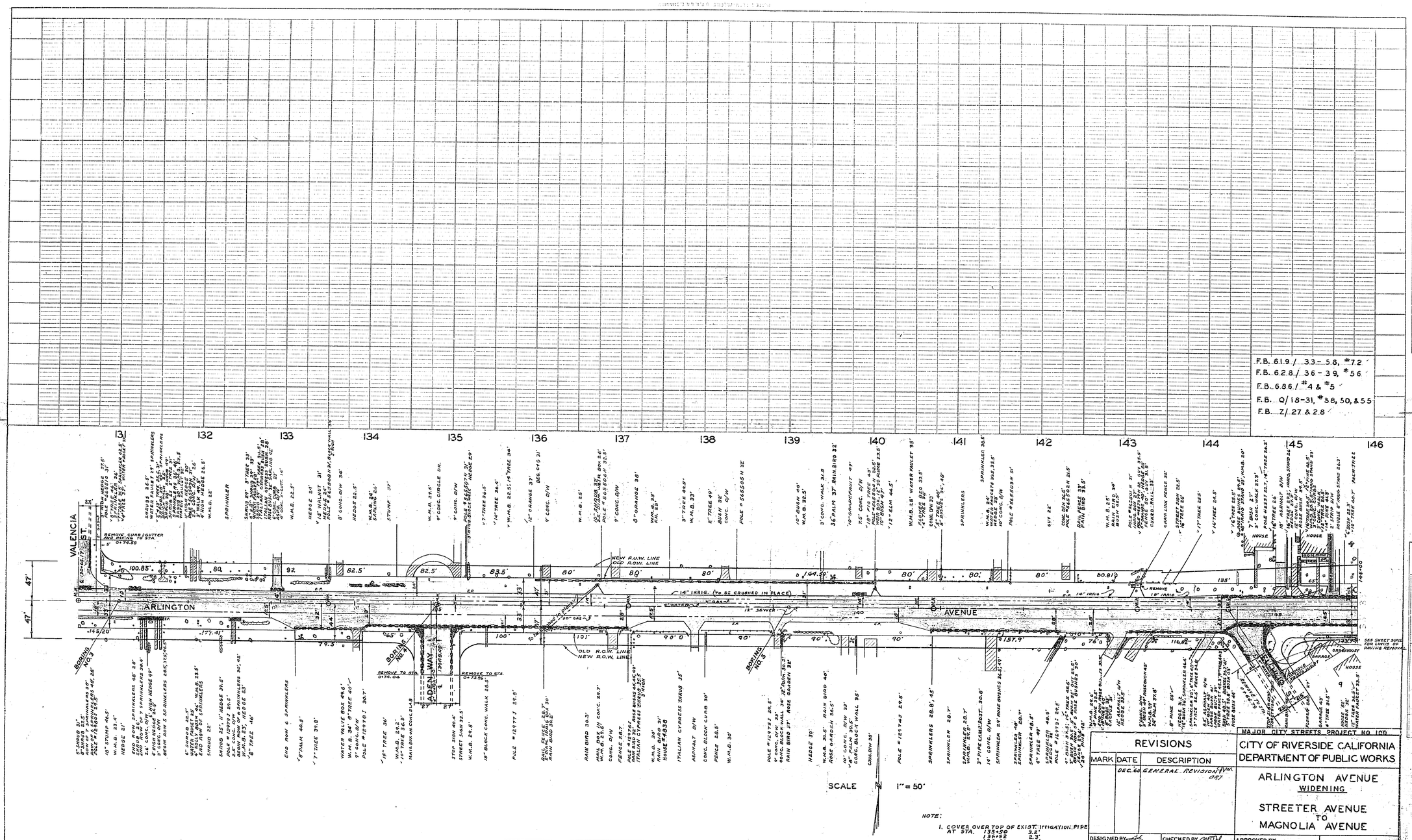
PLAN
ESTIMATED
PLOTTED
NOTE BOOK CHECKED
ALIGNMENT CHECKED
RT OF WAY CHECKED

REVISIONS			
	DATE	DESCRIPTION	BY
1	DEC 20	GENERAL REVISION	
2	MAR 31	REVISED PER CHANGE ORDER NO. 1	

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJECT NO. 101
ARLINGTON AVENUE
WIDENING
STREETER AVENUE TO MAGNOLIA AVENUE

DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE Sept 8, 1960

R-167
SHEET 3 OF 12



NOTE:

1. COVER OVER TOP OF EXIST. IRRIGATION PIPE

AT STA.	
135+50	3.6'
136+32	2.0'
139+50	2.5'
143+75	1.8'

2. FOR LIMITS OF PAVEMENT REMOVAL SEE SHEET 5 OF 12

REMOVAL SHEET
SEE CONTRACT ITEMS Nos. 1, 2, 3, & 4

PROFILE
ESTIMATED
PLOTTED
NOTE BOOK
CROSS CHECKED
B.M. NOTED
SIGN COVERS NOTING STATIONS
BY
DATE

PLAN
ESTIMATED
PLOTTED
NOTE BOOK NO.
CROSS CHECKED
INL. OF WAY CHECKED
BY
DATE

REVISIONS		
MARK	DATE	DESCRIPTION
	DEC. 60	GENERAL REVISION

MAJOR CITY STREETS PROJECT NO 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING

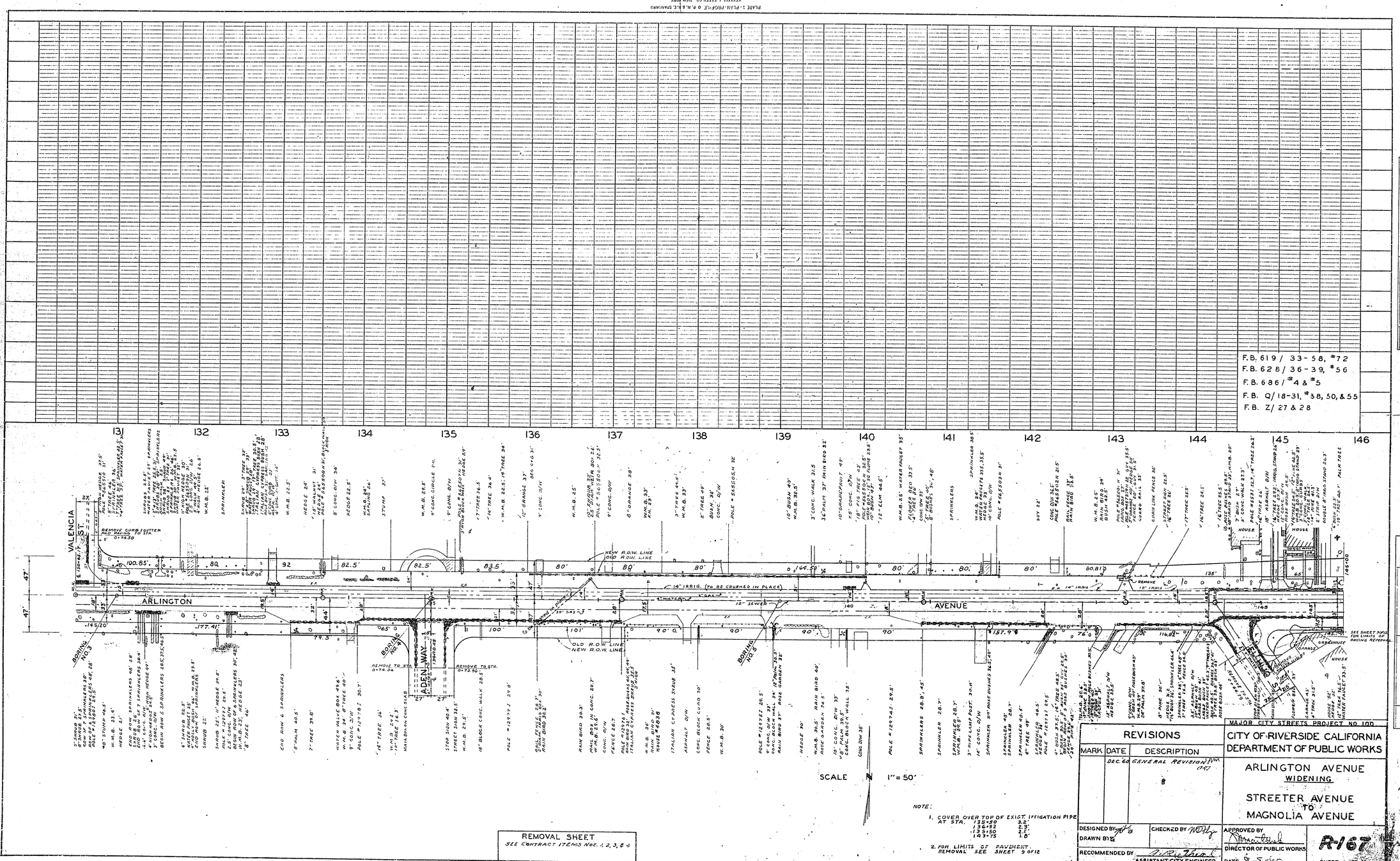
STREETER AVENUE
TO
MAGNOLIA AVENUE

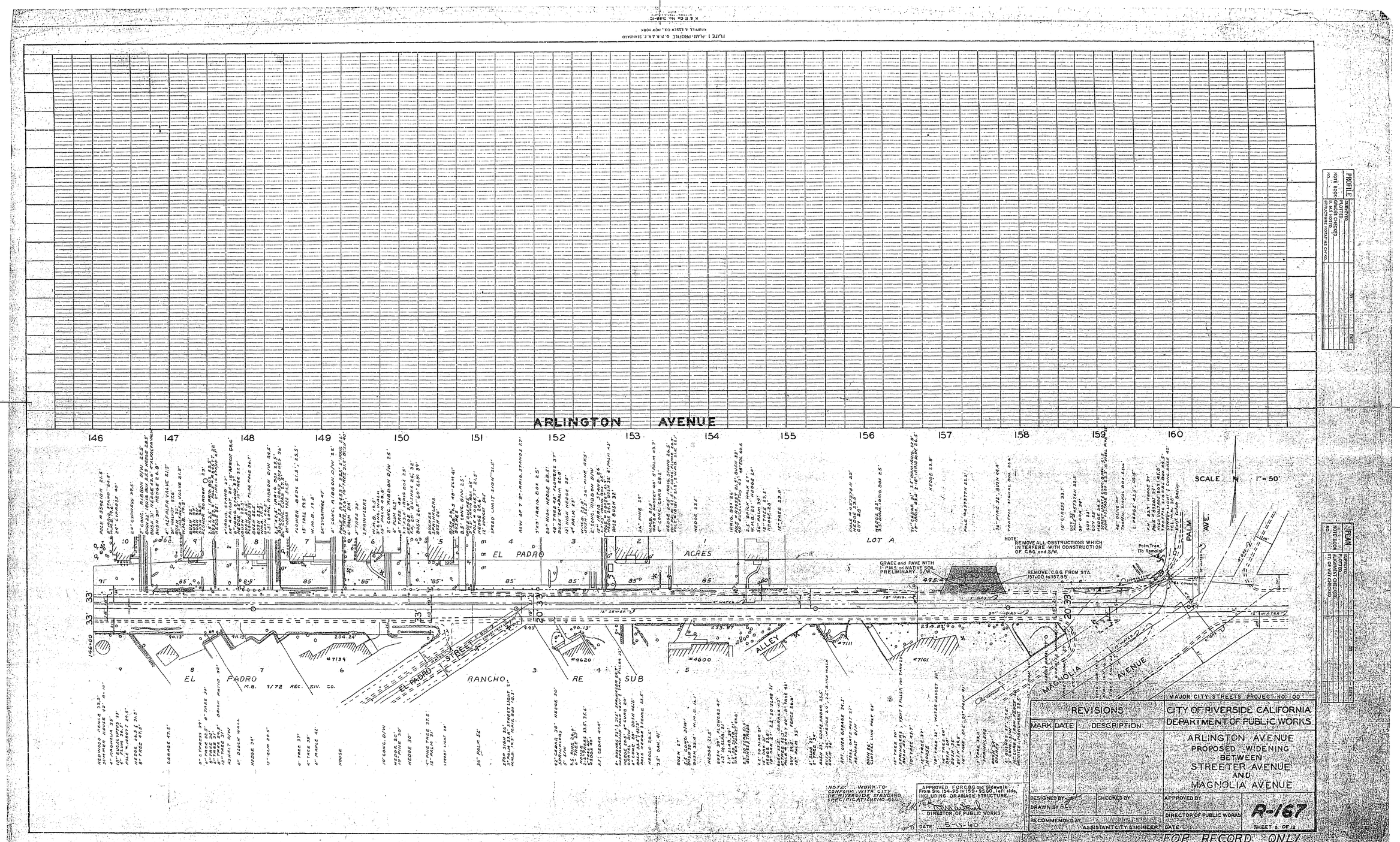
DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

R-167

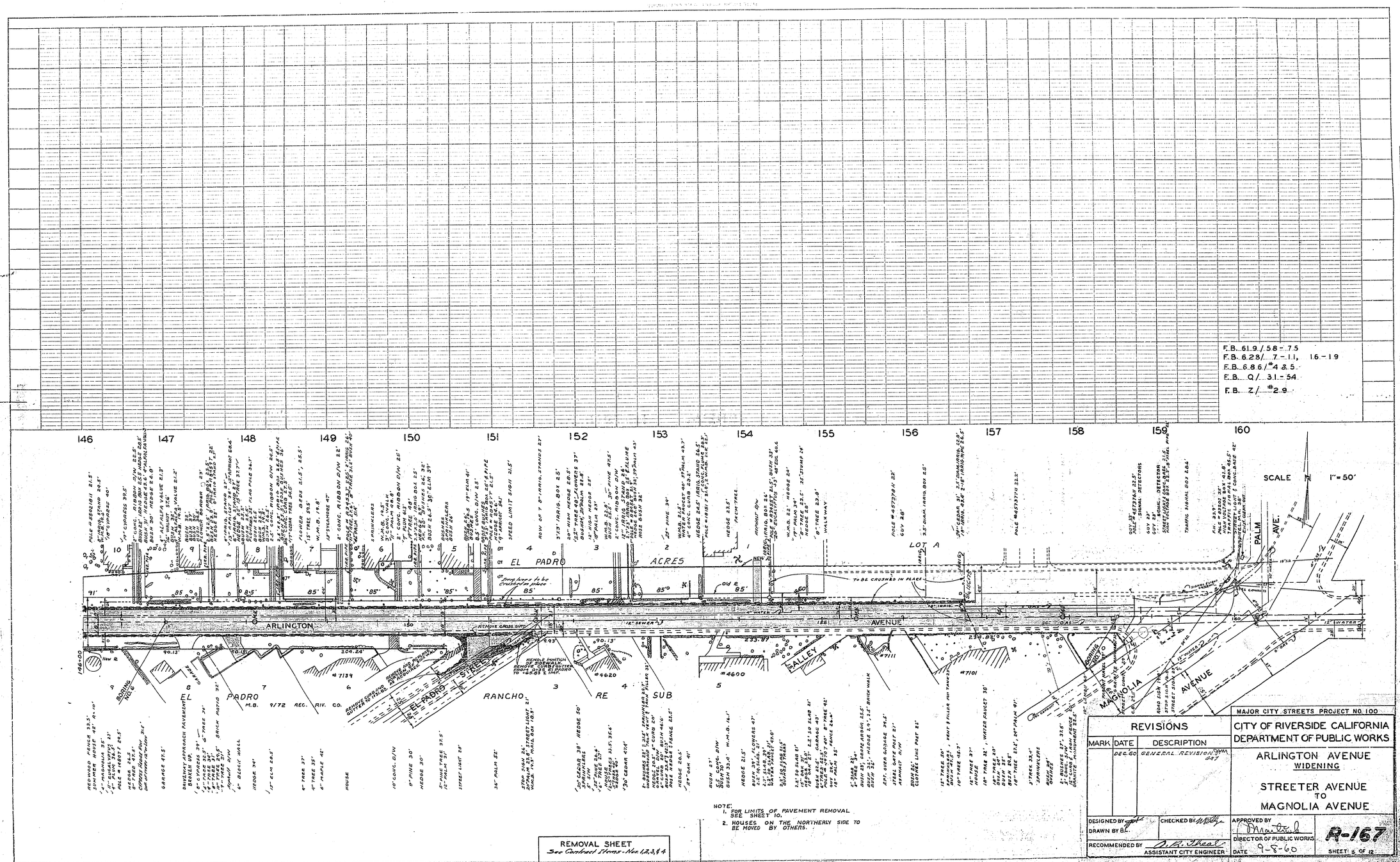
SHEET 4 OF 12

PLATE 1. PLAN-PROFILE OF P.R.R.&R.C. SANDERS
ADRIAN L. ESSER CO., NEW YORK
K & E CO. No. 340-10





ARLINGTON AVENUE
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
SCALE 1" = 50'
EL PADRO ACRES
LOT A
EL PADRO RANCHO RE SUB
EL PADRO STREET
ALLEY
MAGNOLIA AVENUE
PALM AVE.
NOTE: REMOVE ALL OBSTRUCTIONS WHICH INTERFERE WITH CONSTRUCTION OF C&G and S/W.
GRADE and PAVE WITH 1" P.M.S. on NATIVE SOIL PRELIMINARY D/W.
REMOVE C&G FROM STA. 157+00 to 157.85
Palm Tree (To Remain)
NOTE: WORK TO CONFORM WITH CITY OF RIVERSIDE STANDARD SPECIFICATIONS NO. 460
APPROVED FOR C&G and Sidewalk From Sta. 154+95 to 159+95.00, left side, INCLUDING DRAINAGE STRUCTURE.
DIRECTOR OF PUBLIC WORKS
DATE 5-13-60
MAJOR CITY STREETS PROJECT NO. 100
REVISIONS
MARK DATE DESCRIPTION
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
ARLINGTON AVENUE
PROPOSED WIDENING
BETWEEN
STREETER AVENUE
AND
MAGNOLIA AVENUE
DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE
R-167
SHEET 5 OF 12
FOR RECORD ONLY
PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M.'S NOTED
STRUCTURE NOTATIONS CHKD.
PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED



NOTE:
1. FOR LIMITS OF PAVEMENT REMOVAL SEE SHEET 10.
2. HOUSES ON THE NORTHERLY SIDE TO BE MOVED BY OTHERS.

REMOVAL SHEET
See Contract Items - Nos. 1, 2, 3, & 4

MAJOR CITY STREETS PROJECT NO. 100

REVISIONS		
MARK	DATE	DESCRIPTION
	DEC. 60	GENERAL REVISION

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING

STREETER AVENUE
TO
MAGNOLIA AVENUE

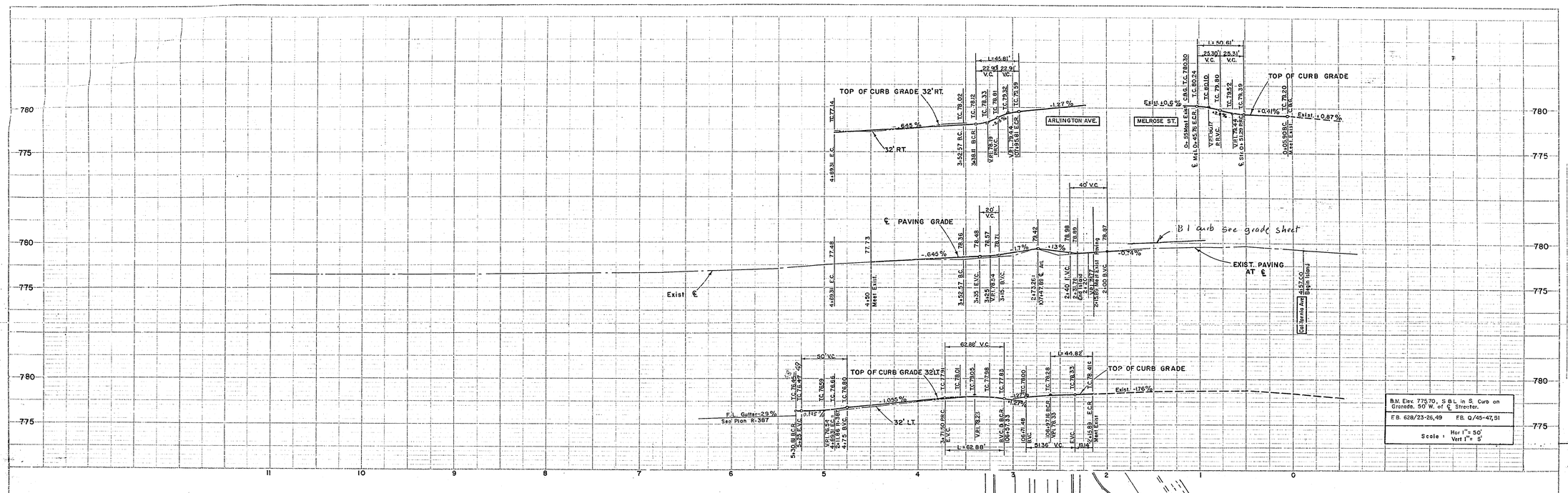
DESIGNED BY
DRAWN BY B.C.
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

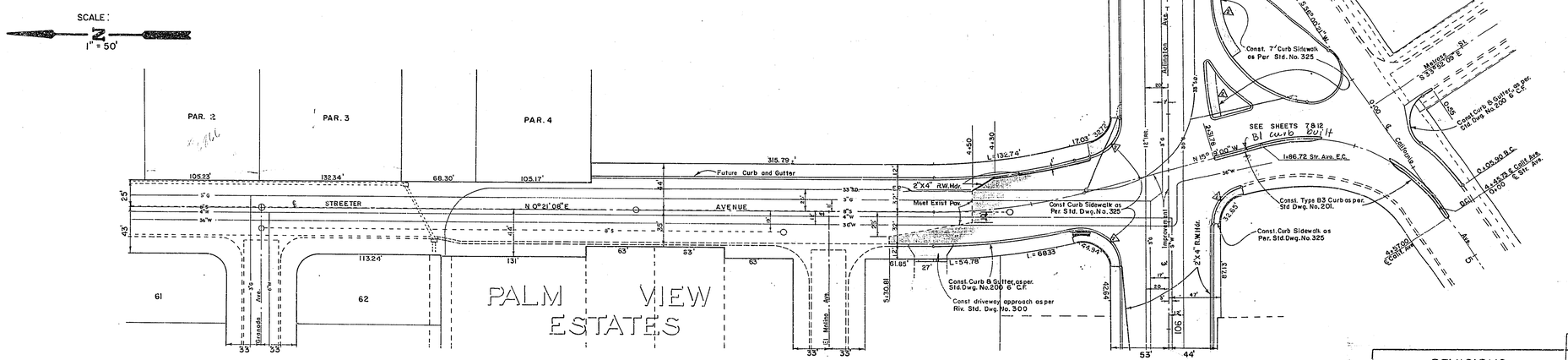
R-167

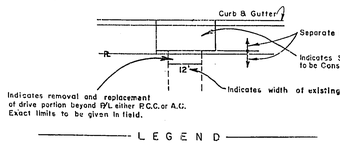
SHEET 8 OF 12

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
R.M.S. NOTED
STRUCTURE NOTES NO. CHKD.
BY
DATE

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE







REVISIONS		
MARK	DATE	DESCRIPTION
4	Dec 60	General Revision
	Mar 61	Revised per Change Order No. 2

MAJOR CITY STREETS PROJECT NO. 100

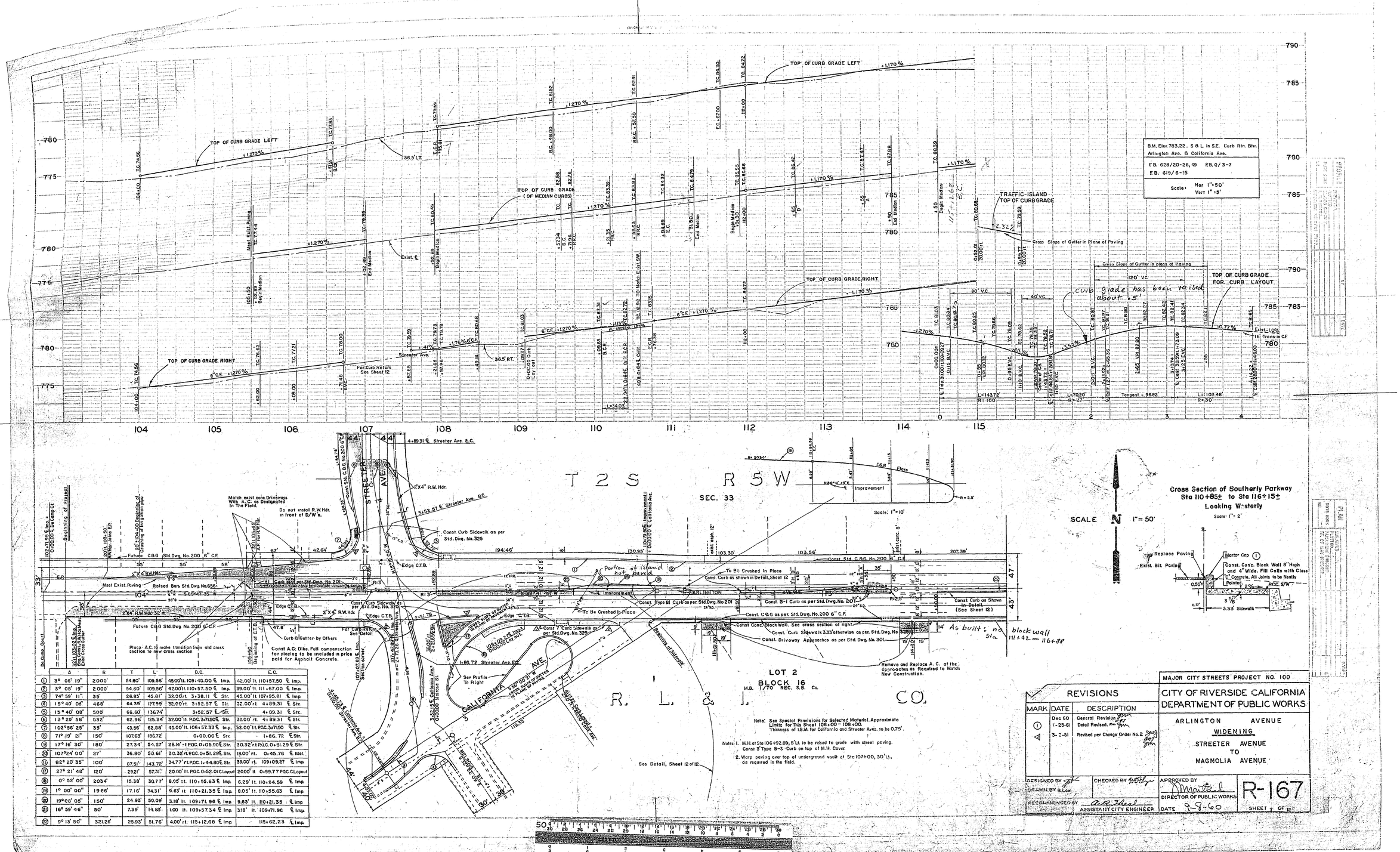
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

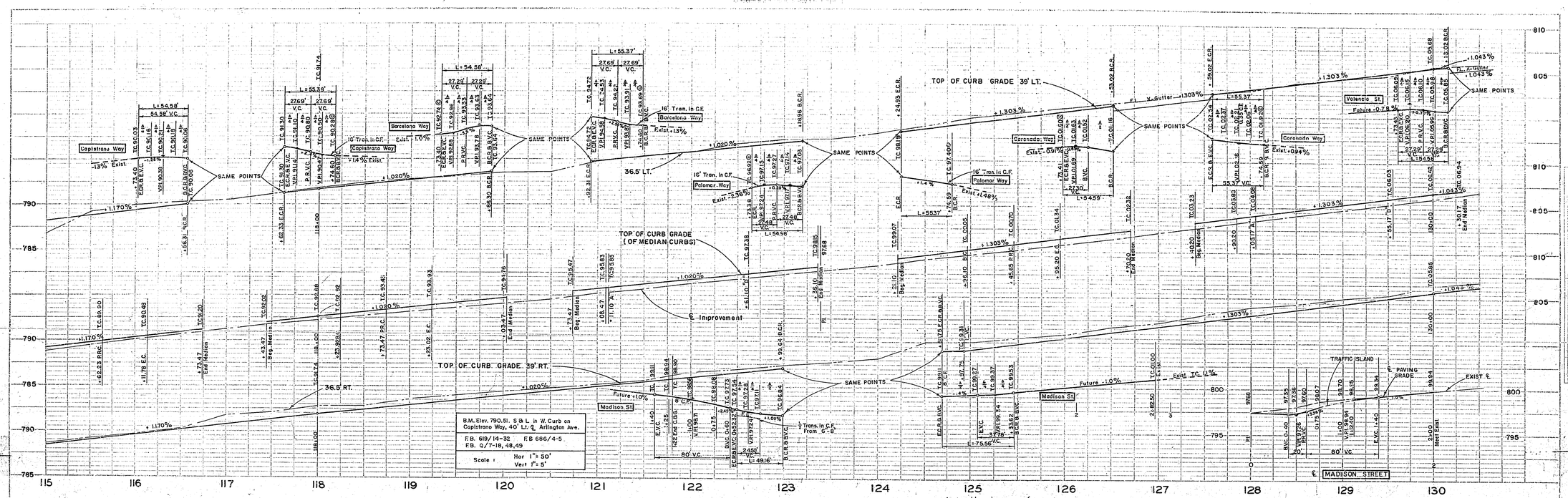
DESIGNED BY
DRAWN BY B. LOW
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

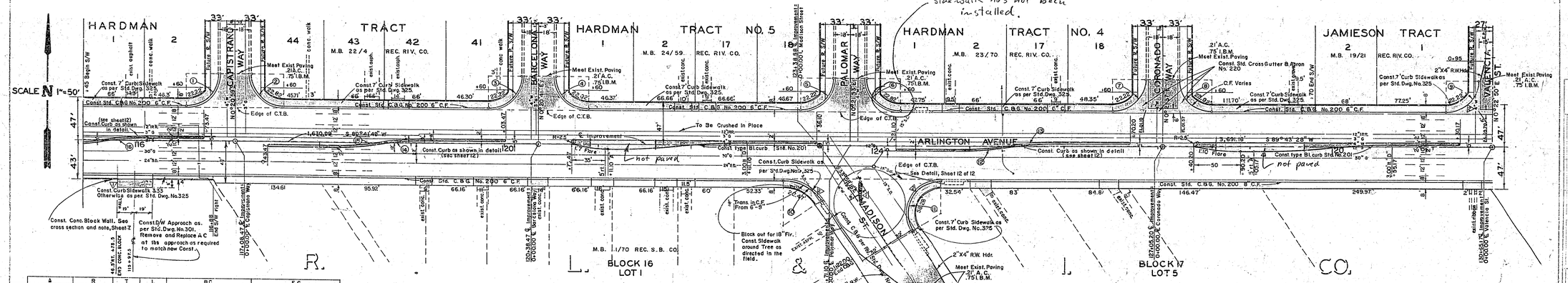
R-167

SHEET 6 OF 12



	Δ	R	T	L	D.C.	E.C.
1	3° 08' 19"	2000'	54.80'	109.56'	45.00'lt. 109+40.00 ℄ Imp.	42.00'lt. 110+57.50 ℄ Imp.
2	3° 08' 19"	2000'	54.60'	109.56'	42.00'lt. 110+57.50 ℄ Imp.	39.00'lt. 111+67.00 ℄ Imp.
3	74° 59' 11"	35'	26.85'	45.81'	32.00'rt. 3+38.11 ℄ Str.	45.00'lt. 107+95.81 ℄ Str.
4	15° 40' 08"	468'	64.39'	127.99'	32.00'rt. 3+52.57 ℄ Str.	32.00'rt. 4+89.31 ℄ Str.
5	15° 40' 08"	500'	66.60'	136.74'	3+52.57 ℄ Str.	4+89.31 ℄ Str.
6	13° 29' 58"	532'	62.96'	125.34'	32.00'rt. P.O.C. 3+71.50 ℄ Str.	32.00'rt. 4+89.31 ℄ Str.
7	102° 56' 25"	35'	43.56'	62.88'	45.00'rt. 106+57.33 ℄ Imp.	52.00'rt. P.O.C. 3+71.50 ℄ Str.
8	71° 19' 21"	150'	107.63'	186.72'	0+00.00 ℄ Str.	1+86.72 ℄ Str.
9	17° 16' 30"	180'	27.34'	54.27'	28.14'-rt. P.O.C. 0+05.90 ℄ Str.	30.32'rt. P.O.C. 0+51.29 ℄ Str.
10	107° 24' 00"	27'	36.80'	50.61'	30.32'rt. P.O.C. 0+51.29 ℄ Str.	18.00'rt. 0+45.76 ℄ Mel.
11	82° 20' 35"	100'	87.51'	143.72'	34.77'rt. P.O.C. 1+44.80 ℄ Str.	39.00'rt. 109+09.27 ℄ Imp.
12	27° 21' 48"	120'	29.21'	57.31'	20.00'lt. P.O.C. 0+52.01 C.Layout	20.00'lt. 0+99.77 P.O.C. C.Layout
13	0° 52' 00"	2034'	15.38'	30.77'	8.05'lt. 110+55.63 ℄ Imp.	6.29'lt. 110+54.59 ℄ Imp.
14	1° 00' 00"	1966'	17.16'	34.31'	9.63'rt. 110+21.35 ℄ Imp.	8.05'lt. 110+55.63 ℄ Imp.
15	19° 08' 05"	150'	24.93'	50.09'	3.18'lt. 109+71.96 ℄ Imp.	9.63'lt. 110+21.35 ℄ Imp.
16	16° 59' 46"	50'	7.39'	14.83'	1.00 lt. 109+57.34 ℄ Imp.	3.18' lt. 109+71.96 ℄ Imp.
17	9° 13' 50"	321.26'	25.93'	51.76'	4.00'rt. 115+12.68 ℄ Imp.	115+62.23 ℄ Imp.





	Δ	R	T	L	B.C.	E.C.
①	39°20'50"	35'	34.60'	54.58'	39.00' lt. 116+56.31 ℄ Imp.	18.00' lt. 0+73.40 ℄ Capist.
②	90°39'10"	35'	35.40'	55.37'	18.00' rt. 0+74.60 ℄ Capist.	39.00' lt. 117+62.33 ℄ Imp.
③	89°21'08"	35'	34.61'	54.59'	39.00' lt. 119+86.30 ℄ Imp.	18.00' lt. 0+73.40 ℄ Barcel.
④	90°38'52"	35'	35.40'	55.37'	18.00' rt. 0+74.60 ℄ Barcel.	39.00' lt. 120+92.31 ℄ Imp.
⑤	89°19'16"	35'	34.59'	54.56'	39.00' lt. 123+18.96 ℄ Imp.	18.00' lt. 0+73.38 ℄ Palo.
⑥	90°38'25"	35'	35.39'	55.37'	18.00' rt. 0+74.59 ℄ Palo.	39.00' lt. 124+24.93 ℄ Imp.
⑦	89°21'51"	35'	34.61'	54.59'	39.00' lt. 126+53.02 ℄ Imp.	18.00' lt. 0+73.41 ℄ Coron.
⑧	90°38'09"	35'	35.39'	55.37'	18.00' lt. 0+74.59 ℄ Coron.	39.00' lt. 127+59.02 ℄ Imp.
⑨	89°20'38"	35'	34.60'	54.58'	39.00' lt. 130+16.02 ℄ Imp.	18.00' lt. 0+73.43 ℄ Val.
⑩	56°19'55"	50'	26.77'	49.16'	39.00' rt. 122+99.64 ℄ Imp.	32.00' rt. 0+52.32 ℄ Madi.
⑪	123°41'44"	35'	65.41'	75.56'	32.00' lt. 1+33.62 ℄ Madi.	39.00' lt. 124+68.75 ℄ Imp.
⑫	9° 13' 50"	321.26'	25.93'	51.76'	4.00' rt. 124+96.10 ℄ Imp.	125+45.65 ℄ Imp.
⑬	9° 13' 50"	321.26'	25.93'	51.76'	125+45.65 ℄ Imp.	4.00' lt. 125+95.20 ℄ Imp.
⑭	9° 13' 50"	321.26'	25.93'	51.76'	118+73.47 ℄ Imp.	4.00' lt. 119+23.02 ℄ Imp.
⑮	9° 13' 50"	321.26'	25.93'	51.76'	4.00' rt. 118+23.92 ℄ Imp.	118+73.47 ℄ Imp.
⑯	9° 13' 50"	321.26'	25.93'	51.76'	115+62.23 ℄ Imp.	4.00' lt. 116+11.78 ℄ Imp.

Note: See Special Provisions for Selected Material. Approximate Limits on This Sheet Sta. 115+00 – 118+00.

REVISIONS		
MARK	DATE	DESCRIPTION
	Dec. 60	General Revisions
	Mar 61	Revised per Change Order No. 1
	Mar. 61	Revised per Change Order No. 2

MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE TO MAGNOLIA AVENUE

DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY A. Rethel, ASSISTANT CITY ENGINEER
APPROVED BY, DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

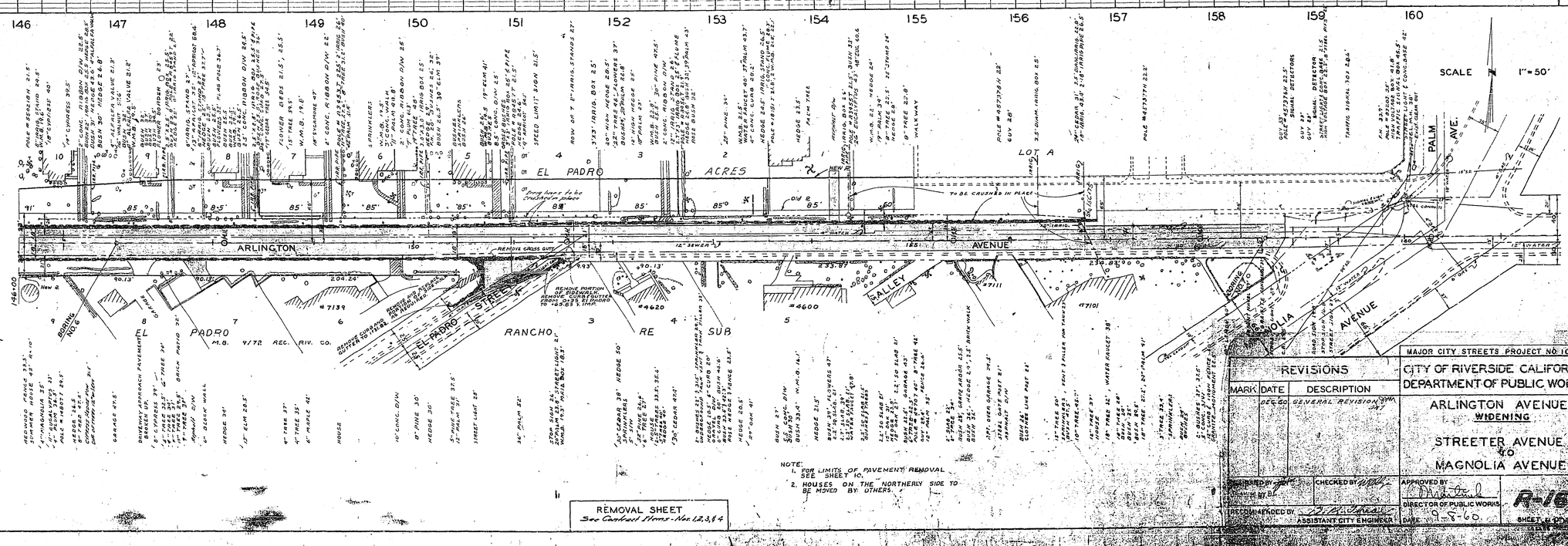
R-167

SHEET 8 OF 12

PLATE 1 - PLAN - PROFILE - O.P.R.R.R.C. SIGNIFICANT
KRAMER & ESSER CO., NEW YORK
K.E.CO. No. 340-C
SCALE

F.B. 619/58-75
F.B. 628/ 7-11, 16-19
F.B. 686/#4 & 5
F.B. Q/ 31-54
F.B. Z/ #29

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
STRUCTURE NOTATIONS COMPD.
BY
DATE
NOTE BOOK
NO.



PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
NOTE BOOK
NO.
BY
DATE

MAJOR CITY STREETS PROJECT NO. 100

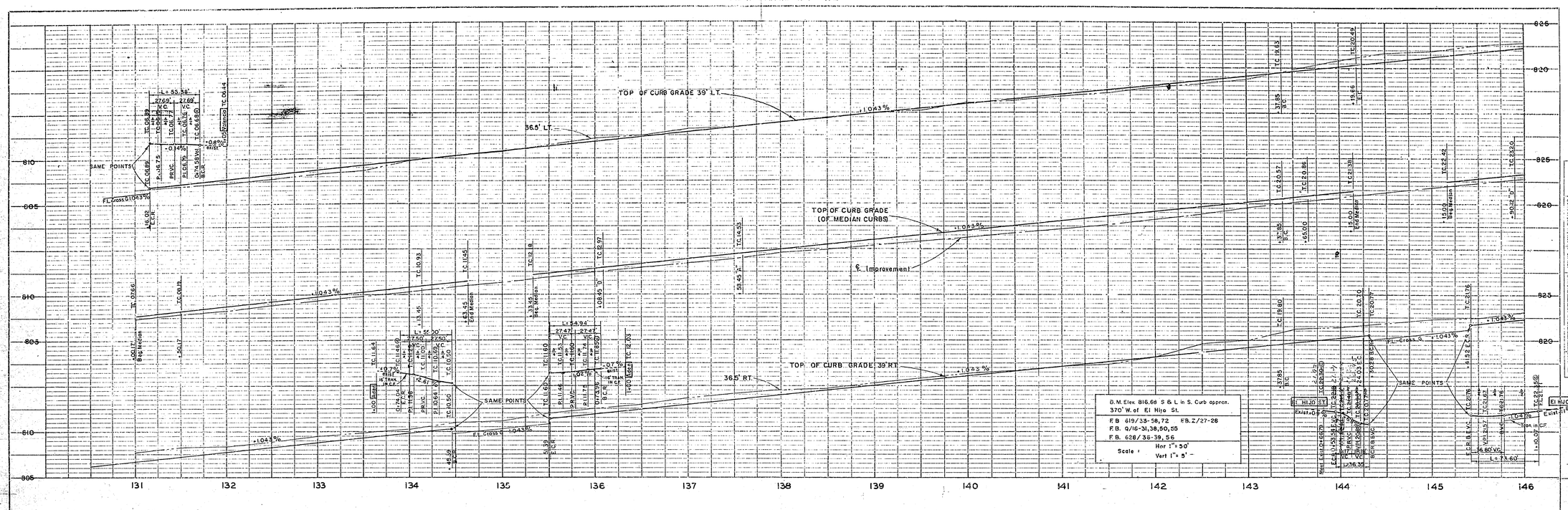
REVISIONS		
MARK	DATE	DESCRIPTION
	DEC. 60	GENERAL REVISION

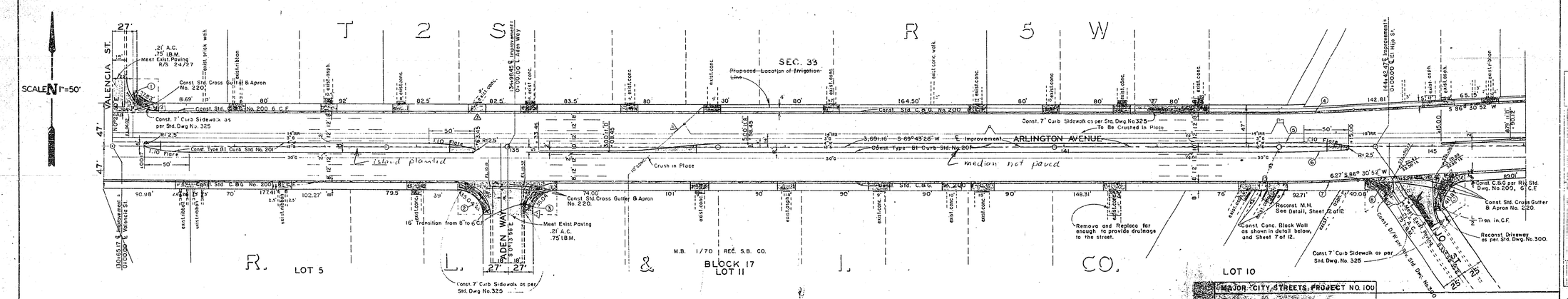
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING

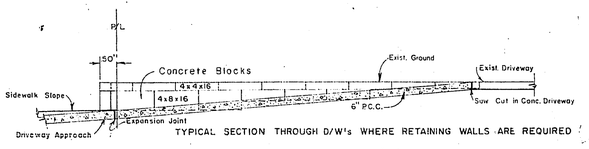
STREETER AVENUE
TO
MAGNOLIA AVENUE

DESIGNED BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60.
R-16
SHEET 10 OF 10





	Δ	R	T	L	B.C.	E.C.
①	90°35'22"	35'	35.40'	55.38'	15.00' lt. 0+74.58 ℄ Var.	39.00' lt. 134+16.02 ℄ Imp.
②	90°02'36"	35'	35.03'	55.00'	39.00' rt. 134+15.39 ℄ Imp.	18.00' rt. 0+74.04 ℄ Aden.
③	89°57'24"	35'	34.97'	54.95'	18.00' lt. 0+73.96 ℄ Aden.	39.00' rt. 135+51.39 ℄ Imp.
④	3°12'36"	1461'	40.94'	81.85'	39.00' lt. 143+37.85 ℄ Imp.	41.29' lt. 144+19.66 ℄ Imp.
⑤	1°2'26"	1495'	13.58'	27.16'	5.00' lt. 143+37.85 ℄ Imp.	5.25' lt. 143+65.00 ℄ Imp.
⑥	2°50'35"	1505'	37.35'	74.68'	5.00' rt. 143+37.85 ℄ Imp.	3.15' rt. 144+12.50 ℄ Imp.
⑦	3°12'36"	1539'	43.12'	86.22'	39.00' rt. 143+37.85 ℄ Imp.	36.59' rt. 144+24.03 ℄ Imp.
⑧	59°30'33"	35'	20.01'	36.35'	36.23' rt. 144+30.28 ℄ Imp.	12.00' rt. 0+53.54 ℄ El.
⑨	120°29'27"	35'	61.23'	73.60'	13.00' lt. 1+10.07 ℄ El.	30.00' rt. 145+41.52 ℄ Imp.



TYPICAL SECTION THROUGH D/W's WHERE RETAINING WALLS ARE REQUIRED

Scale: 1" = 2'

Note: See Special Provisions for Selected Material. Approximate Limits for This Sheet Sta. 130+50 - 132+00 and 144+50 - 146+00.

MAJOR CITY STREETS PROJECT NO. 100

REVISIONS		
MARK	DATE	DESCRIPTION
	DEC. 60	GENERAL REVISION
1	MAR. 61	DELETED CONC. ENCASEMENT AS PER CHANGE ORDER NO. 1
	MAR. 61	REVISED PER CHANGE ORDER NO. 2
	MAR. 61	ADDED D/W PER CHANGE ORDER NO. 1

DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

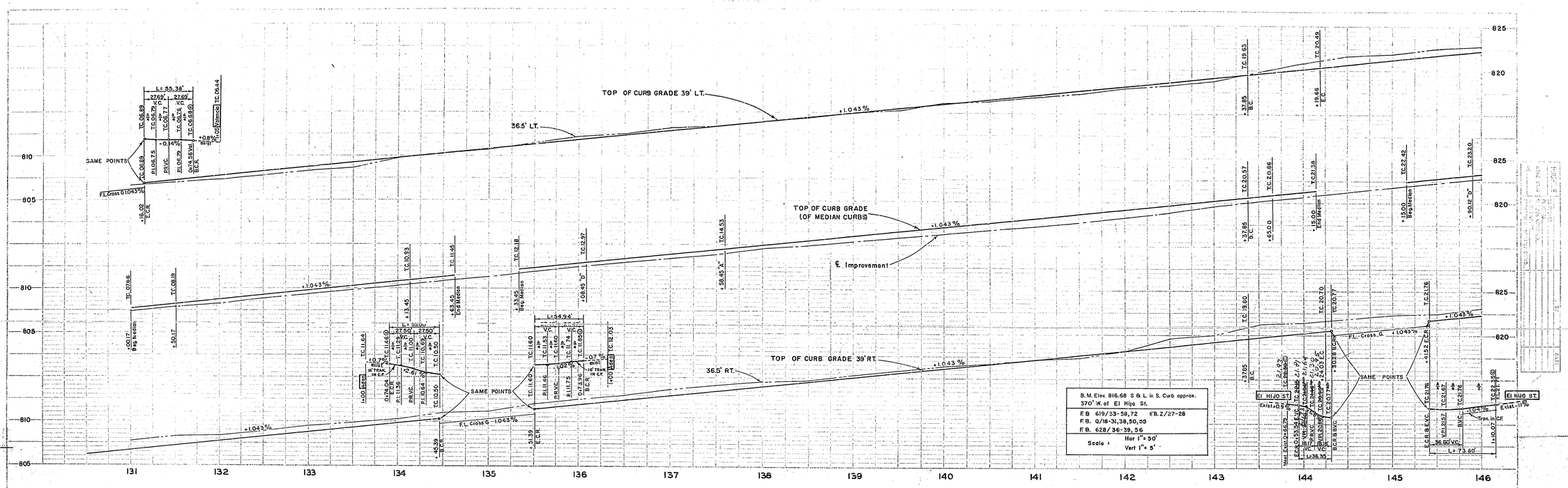
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

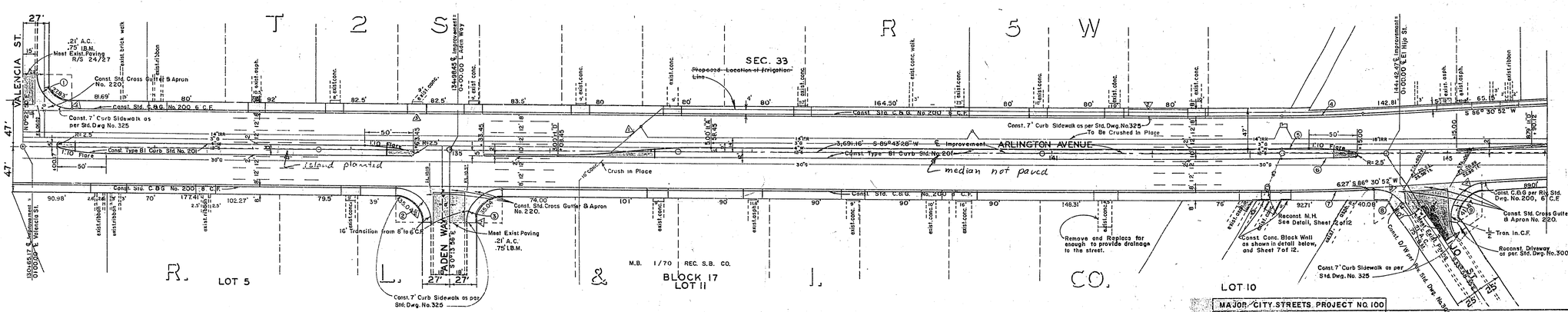
ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

R-167

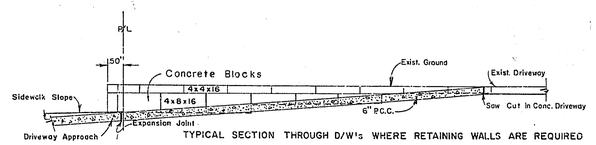
SHEET 9 OF 12

JAN 12 1962





	Δ	R	T	L.	B.C.	E.C.
①	90° 39' 22"	35'	35.40'	55.38'	15.00' lt. 0+74.58 ℄ Vol.	39.00' lt. 13+16.02 ℄ Imp.
②	90° 02' 36"	35'	35.03'	55.00'	39.00' rt. 134+45.39 ℄ Imp.	18.00' rt. 0+74.04 ℄ Aden
③	89° 57' 24"	35'	34.97'	54.95'	18.00' lt. 0+73.96 ℄ Aden	39.00' rt. 135+51.39 ℄ Imp.
④	3° 12' 36"	1461'	40.94'	81.85'	39.00' lt. 143+37.85 ℄ Imp.	41.29' lt. 144+19.66 ℄ Imp.
⑤	1° 2' 26"	1495'	13.56'	27.16'	5.00' lt. 143+37.85 ℄ Imp.	5.25' lt. 143+65.00 ℄ Imp.
⑥	2° 50' 35"	1505'	37.35'	74.68'	5.00' rt. 143+37.85 ℄ Imp.	3.15' rt. 144+12.50 ℄ Imp.
⑦	3° 12' 36"	1539'	43.12'	86.22'	39.00' rt. 143+37.85 ℄ Imp.	36.59' rt. 144+24.03 ℄ Imp.
⑧	59° 30' 33"	35'	20.01'	36.35'	36.23' rt. 144+30.28 ℄ Imp.	13.00' rt. 0+53.54 ℄ El.
⑨	120° 29' 27"	35'	61.23'	73.60'	13.00' lt. 1+10.07 ℄ El.	30.00' rt. 145+41.52 ℄ Imp.



TYPICAL SECTION THROUGH D/W's WHERE RETAINING WALLS ARE REQUIRED

Scale: 1" = 2'

Note: See Special Provisions for Selected Material Approximate Limits for This Sheet Sta. 130+50 - 132+00 and 144+50 - 146+00.

MAJOR CITY STREETS PROJECT NO. 100

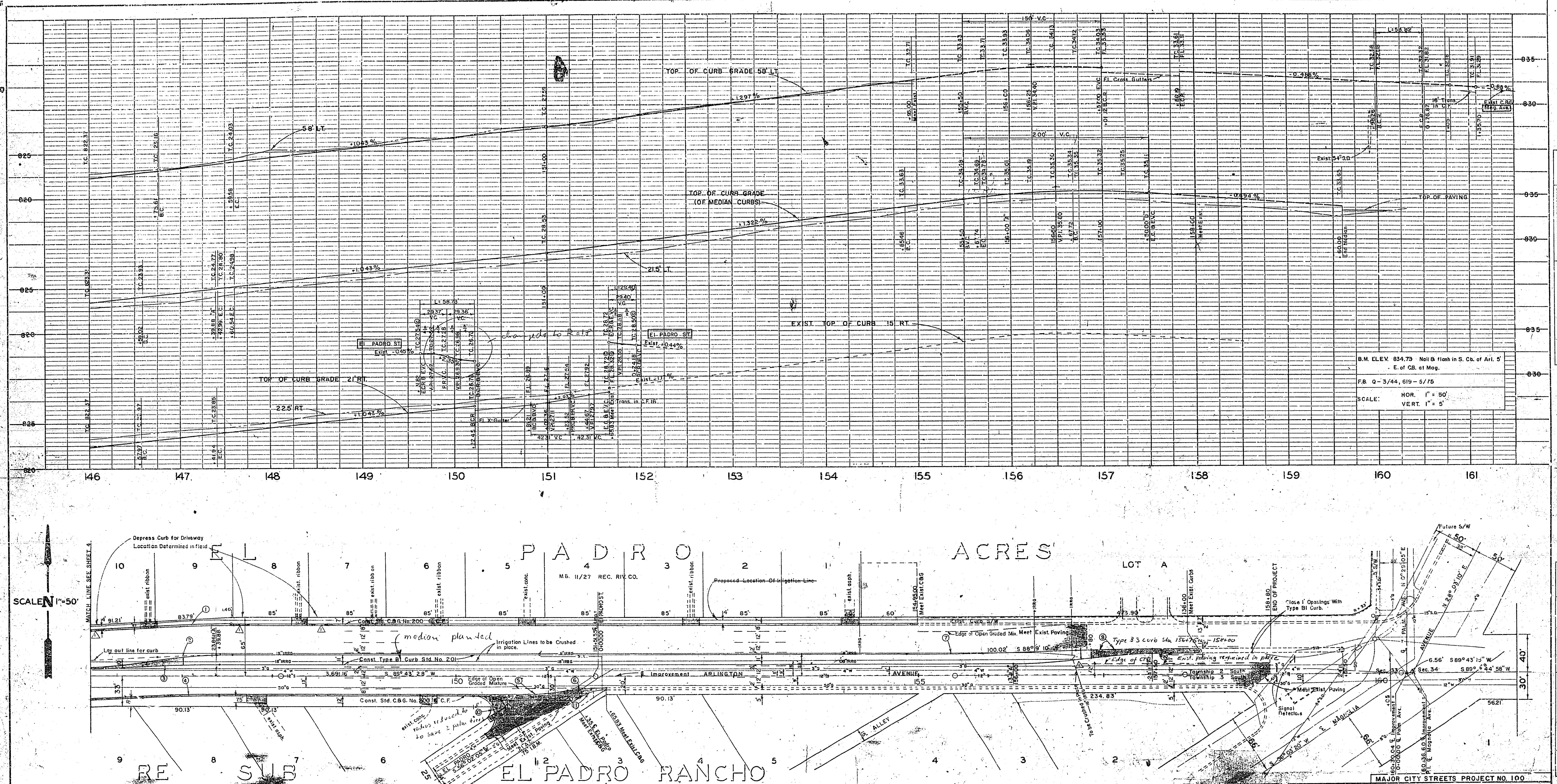
REVISIONS		
MARK	DATE	DESCRIPTION
4	DEC. 60	GENERAL REVISION
3	MAR. 61	DELETED CONC. ENCASEMENT AS PER CHANGE ORDER NO. 1
2	MAR. 61	REVISED PER CHANGE ORDER NO. 2
1	MAR. 61	ADDED G/W PER CHANGE ORDER NO. 1

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE TO MAGNOLIA AVENUE

DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY: ASSISTANT CITY ENGINEER
APPROVED BY: DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

R-167
SHEET 9 OF 12



	Δ	R	T	L	B.C.	E.C.
①	3° 12' 36"	1500.00'	42.02'	84.02'	55.65' lt. 146+75.61 ℄ Imp.	58.00' lt. 147+59.58 ℄ Imp.
②	3° 12' 36"	1500.00'	42.02'	84.02'	21.65' lt. 146+76.57 ℄ Imp.	24.00' lt. 147+60.54 ℄ Imp.
③	3° 12' 36"	1500.00'	42.02'	84.02'	10.65' lt. 146+59.02 ℄ Imp.	13.00' lt. 147+42.99 ℄ Imp.
④	3° 12' 36"	1500.00'	42.02'	84.02'	23.35' rt. 146+57.97 ℄ Imp.	21.00' rt. 147+41.94 ℄ Imp.
⑤	8° 6' 32"	300.00'	21.26'	42.46'	19.00' rt. 150+81.21 ℄ Imp.	16.00' rt. 151+23.52 ℄ Imp.
⑥	8° 6' 32"	300.00'	21.26'	42.46'	16.00' rt. 151+23.52 ℄ Imp.	13.00' rt. 151+65.83 ℄ Imp.
⑦	1° 34' 18"	3000'	41.15'	82.29'	24.00' lt. 154+85.46 ℄ Imp.	25.13' lt. 155+67.74 ℄ Imp.
⑧	1° 34' 18"	3000'	41.15'	82.29'	27.67' lt. 156+67.72 ℄ Imp.	29.00' lt. 157+50.00 ℄ Imp.
⑩	146° 18' 35"	~~62~~ 18'	~~75.56~~ 59.45'	~~68.75~~ 45.94'	21.00' rt. 150+~~[illegible]~~ 38.92 ℄ Imp.	12.00' rt. 1+~~[illegible]~~ 15.31 ℄ El P
⑪	33° 41' 25"	50'	14.43'	29.40'	12.00' lt. 0+24.18 ℄ El P	15.00' rt. 151+65.83 ℄ Imp.

← As built

Note: See Special Provisions for Selected Material Approximate Limits for This Sheet Sta. 146+00 - 160+00.

MAJOR CITY STREETS PROJECT NO. 100

REVISIONS		
MARK	DATE	DESCRIPTION
	Dec 60	General Revision
△1	Mar. 61	Added D.W. & Deleted Conc. Encasement per Change Order No. 1

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

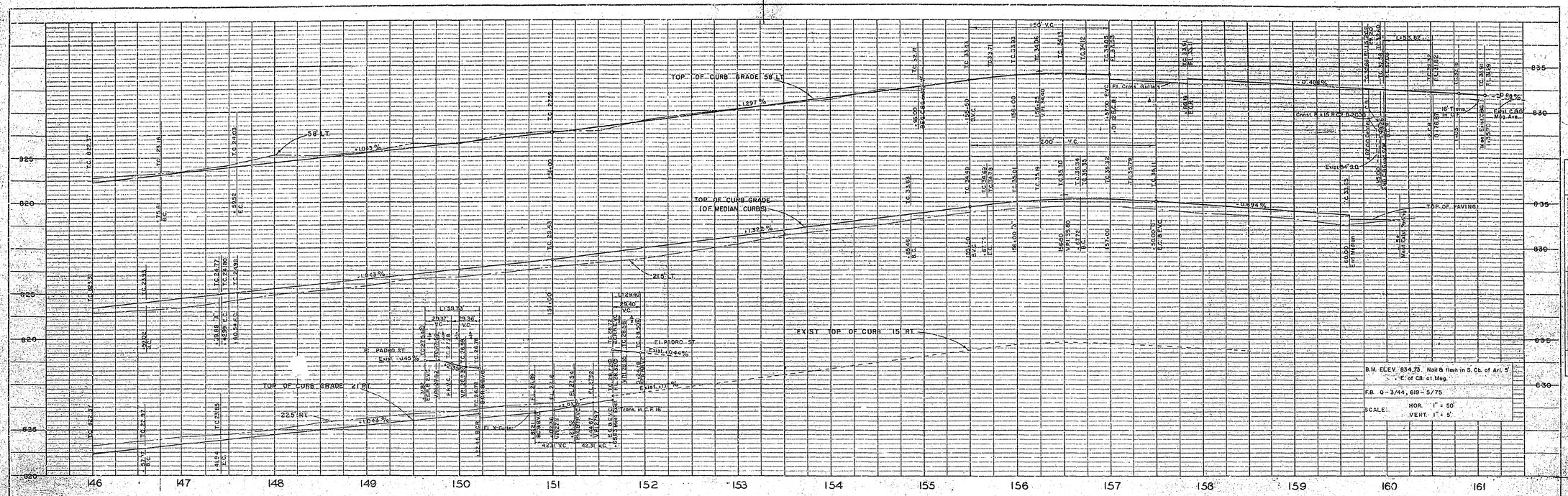
ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

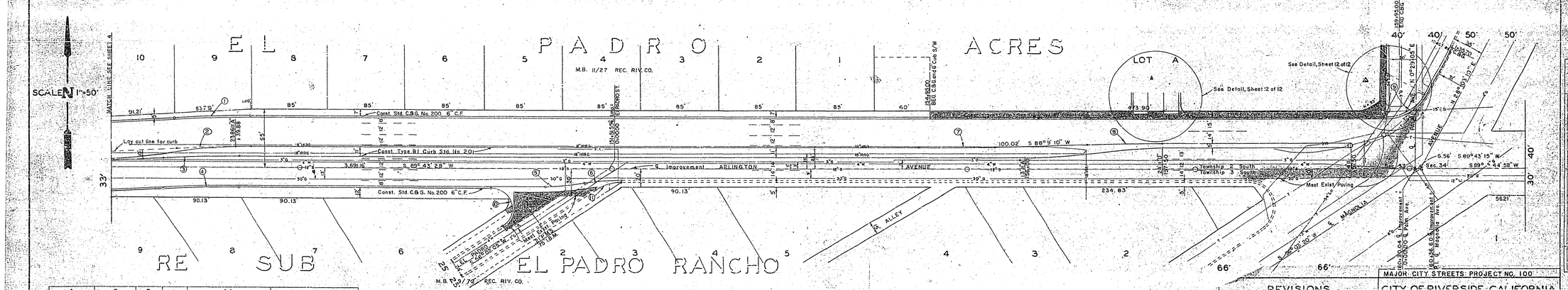
DESIGNED BY [signature]
DRAWN BY B. Low
CHECKED BY [signature]
RECOMMENDED BY [signature] ASSISTANT CITY ENGINEER
APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

R-167

SHEET 16 OF 19

JAN 12 1962





	Δ	R	T	L	B.C.	E.C.
①	3° 12' 36"	1500.00'	42.02'	84.02'	55+65' rt. 146+75.61 ℄ Imp.	58+00' rt. 147+59.58 ℄ Imp.
②	3° 12' 36"	1500.00'	42.02'	84.02'	21+65' rt. 146+76.57 ℄ Imp.	24+00' rt. 147+60.54 ℄ Imp.
③	3° 12' 36"	1500.00'	42.02'	84.02'	10+65' rt. 146+59.02 ℄ Imp.	13+00' rt. 147+42.99 ℄ Imp.
④	3° 12' 36"	1500.00'	42.02'	84.02'	23+35' rt. 146+57.97 ℄ Imp.	21+00' rt. 147+41.94 ℄ Imp.
⑤	8° 6' 32"	300.00'	21.26'	42.46'	19+00' rt. 150+81.21 ℄ Imp.	16+00' rt. 151+23.52 ℄ Imp.
⑥	8° 6' 32"	300.00'	21.26'	42.46'	16+00' rt. 151+23.52 ℄ Imp.	13+00' rt. 151+65.93 ℄ Imp.
⑦	1° 34' 18"	3000'	41.15'	82.29'	24+00' rt. 153+95.46 ℄ Imp.	25+13' rt. 153+97.74 ℄ Imp.
⑧	1° 34' 18"	3000'	41.15'	82.29'	27+87' rt. 159+67.72 ℄ Imp.	29+00' rt. 157+50.00 ℄ Imp.
⑨	61° 40' 18"	50'	29.85'	53.82'	58+00' rt. 159+98.26 ℄ Imp.	35+00' rt. 0+76.87 ℄ mag.
⑩	146° 18' 25"	25'	75.96'	59.73'	21+00' rt. 150+22.45 ℄ Imp.	12+00' rt. 1+31.82 ℄ El P
⑪	33° 41' 25"	50'	14.43'	29.40'	12+00' rt. 0+24.18 ℄ El P	15+00' rt. 151+65.93 ℄ Imp.

NOTE: WORK TO CONFORM WITH CITY OF RIVERSIDE STANDARD SPECIFICATIONS No. 460.

APPROVED FOR C&G and Sidewalks From Sta. 154+95 to 159+95.00, left side, INCLUDING DRAINAGE STRUCTURE.

DIRECTOR OF PUBLIC WORKS

DATE: 5-13-60

REVISIONS		
MARK	DATE	DESCRIPTION
Δ	7/5/60	D/W at Sta 157+43.65 revised.
Δ	7/12/60	Removed C.B. Notes.

DESIGNED BY
DRAWN BY B.Low
CHECKED BY
RECOMMENDED BY ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE

MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE TO MAGNOLIA AVENUE

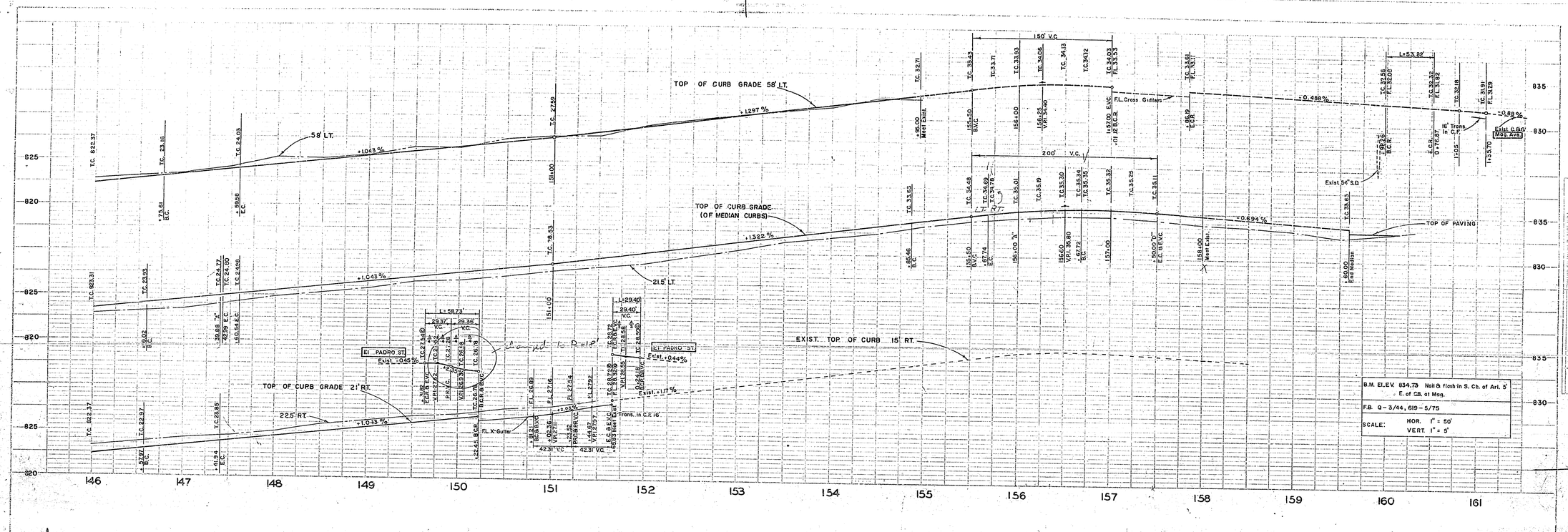
R-167

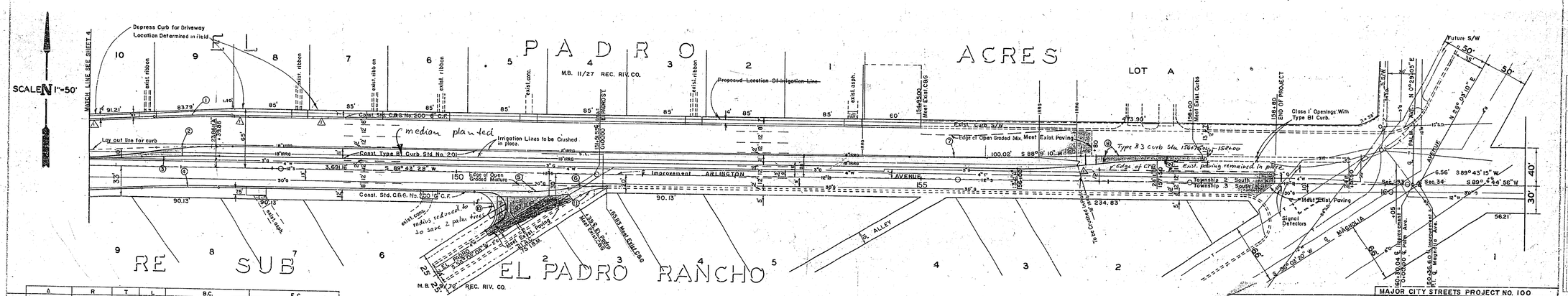
SHEET 10 OF 12

FOR RECORD ONLY

PROFILE
SURVEYED
NOTE BOOK
PARTIES CHECKED
B.M.'S NOTED
STRUCTURE NOTES % OF TOTAL

PLAN
SURVEYED
NOTE BOOK
PARTIES CHECKED
B.M.'S NOTED
STRUCTURE NOTES % OF TOTAL





	Δ	R	T	L	B.C.	E.C.
①	3° 12' 36"	1500.00'	42.02'	84.02'	55.65' lt. 146+75.61 ℄ Imp.	56.00' lt. 147+59.58 ℄ Imp.
②	3° 12' 36"	1500.00'	42.02'	84.02'	21.85' lt. 146+76.57 ℄ Imp.	24.00' lt. 147+60.54 ℄ Imp.
③	3° 12' 36"	1500.00'	42.02'	84.02'	10.65' lt. 145+50.02 ℄ Imp.	13.00' lt. 147+42.99 ℄ Imp.
④	3° 12' 36"	1500.00'	42.02'	84.02'	23.35' rt. 146+57.97 ℄ Imp.	21.00' rt. 147+41.94 ℄ Imp.
⑤	8° 6' 32"	300.00'	21.26'	42.46'	19.00' rt. 150+81.21 ℄ Imp.	16.00' rt. 151+23.52 ℄ Imp.
⑥	8° 6' 32"	300.00'	21.26'	42.46'	16.00' rt. 151+23.52 ℄ Imp.	13.00' rt. 151+65.83 ℄ Imp.
⑦	1° 34' 18"	3000'	41.15'	82.29'	24.00' lt. 154+85.46 ℄ Imp.	25.13' lt. 155+67.74 ℄ Imp.
⑧	1° 34' 18"	3000'	41.15'	82.29'	27.87' lt. 156+67.72 ℄ Imp.	29.00' lt. 157+50.00 ℄ Imp.
⑩	146°18' 35"	~~18'~~	~~32.45'~~ ~~26.76'~~	~~46.75'~~ 36.92'	21.00' rt. 150+~~[illegible]~~ ℄ Imp.	12.00' rt. 1[illegible] ℄ El P ← As built
⑪	33° 41' 25"	50'	14.43'	29.40'	12.00' lt. 0+24.18 ℄ El P	15.00' rt. 151+65.83 ℄ Imp.

R 167 5/12

Note: See Special Provisions for Selected Material Approximate Limits for This Sheet Sta. 146+00 - 160+00.

REVISIONS		
MARK	DATE	DESCRIPTION
	Dec 60	General Revision
◁	Mar. 61	Added D.W. & Deleted Conc. Encasement per Change Order No. 1

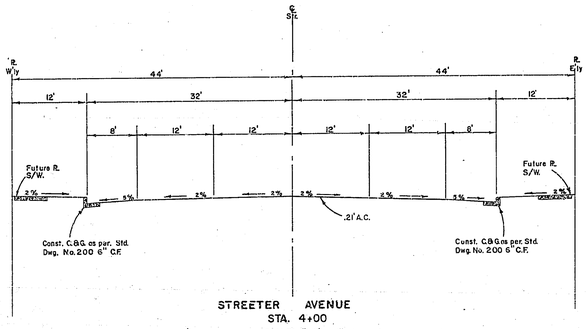
MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

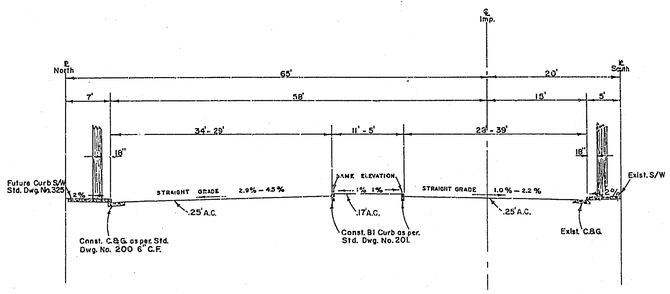
ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

DESIGNED BY
DRAWN BY E. Low
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

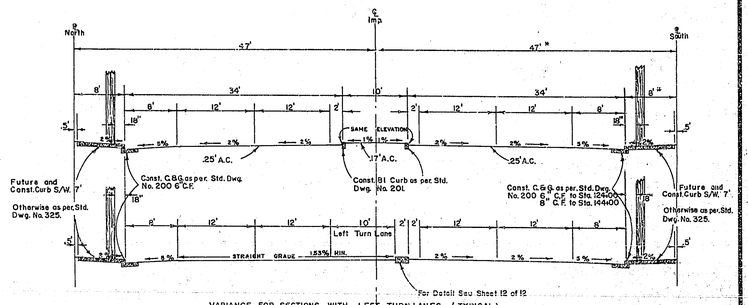
R-167
SHEET 10 OF 12



STREETER AVENUE
STA. 4+00
SCALE: 1" = 10'



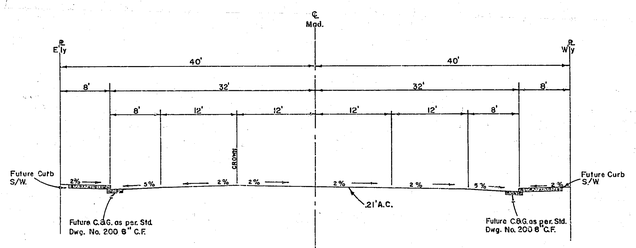
ARLINGTON AVENUE
TYPICAL SECTION STA. 151+00 - MAGNOLIA AVE.
SCALE: 1" = 10'



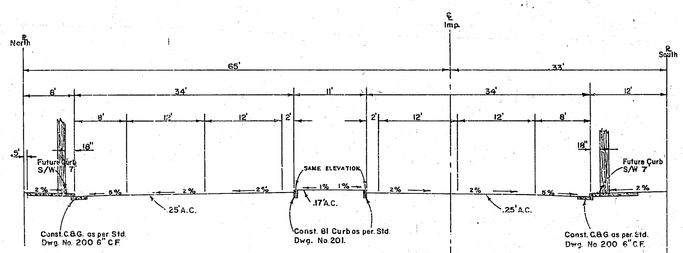
VARIANCE FOR SECTIONS WITH LEFT TURN LANES (TYPICAL)

* Note: 43' from ℄ to R and 4' Parkway from Sta 110+50 to 117+00, Rt.

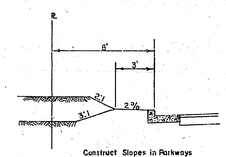
ARLINGTON AVENUE
TYPICAL SECTION STA. 110+50 - 144+00
SCALE: 1" = 10'



MADISON STREET
STA. 1+50
SCALE: 1" = 10'

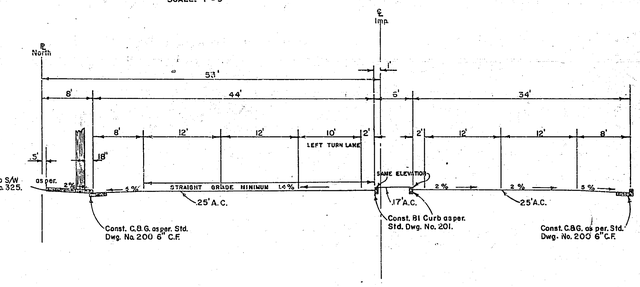


ARLINGTON AVENUE
TYPICAL SECTION STA 147 00-150+00
SCALE: 1" = 10

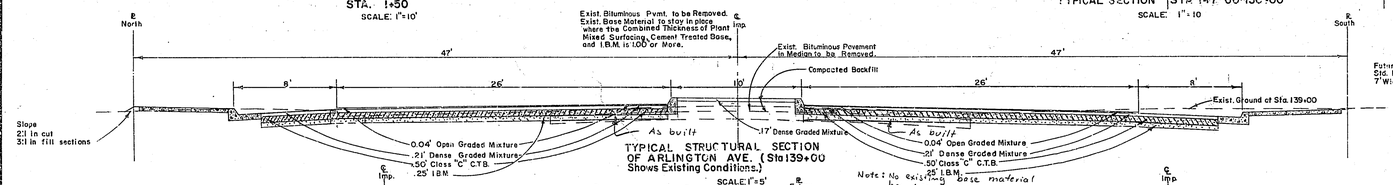


Construct Slopes in Parkways Where no Sidewalk is Required as Shown.

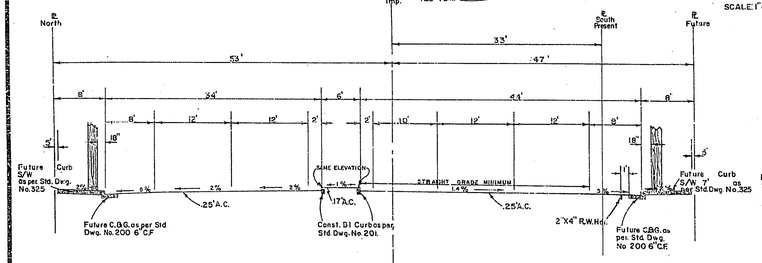
SCALE: 1" = 5'



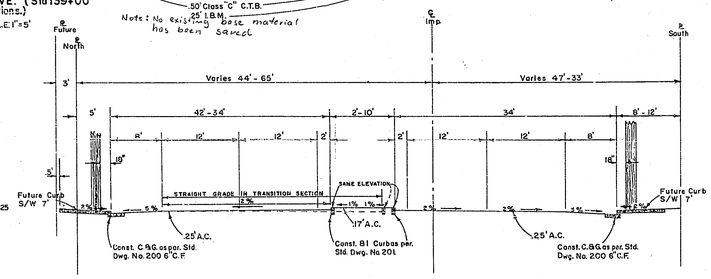
ARLINGTON AVENUE
TYPICAL SECTION FROM STREETER AVE. - 109+50
SCALE: 1" = 10'



TYPICAL STRUCTURAL SECTION OF ARLINGTON AVE. (Sta 139+00 Shows Existing Conditions.)
SCALE: 1" = 5'



ARLINGTON AVENUE
TYPICAL SECTION WESTERLY OF STREETER AVE.
SCALE: 1" = 10'



ARLINGTON AVENUE
TYPICAL SECTION STA. 144+00 - 147+00
SCALE: 1" = 10'

REVISIONS		
MARK	DATE	DESCRIPTION
	Dec. 60	General Revision

MAJOR CITY STREETS PROJECT NO. 100

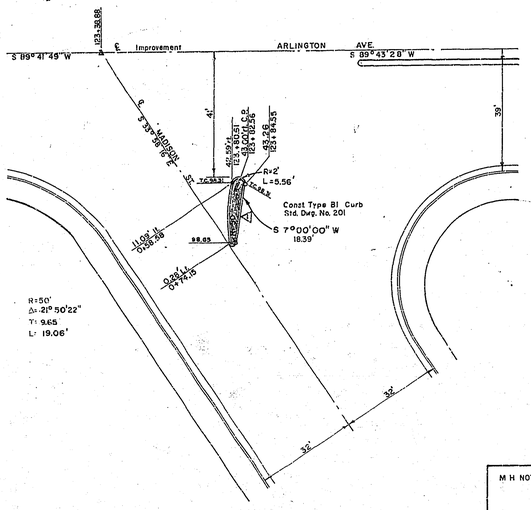
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

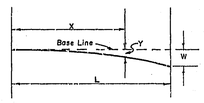
DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

R-167
SHEET 11 OF 12

MISSION BLUEPRINT CO



MADISON STREET TRAFFIC ISLAND DETAIL
Scale: 1" = 20'



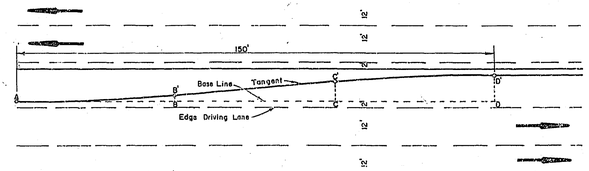
$Y = \frac{WX^2}{L^2}$

L= Length of Flare in Feet.
W= Maximum offset in Feet.
X= Distance along base line in Feet.
Y= Offset from base line in Feet.

1:10 Flares. Length L= 50', W=5', Distance X=	10'	20'	30'	40'	50'
Offset Y for Distance X	.20'	.80'	1.80	3.20'	5.00'

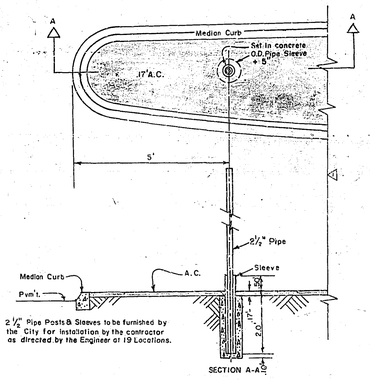
1:7 Flares. Length L= 35', W=5', Distance X=	10'	15'	20'	25'	30'	35'
Offset Y for Distance X	.41'	.92'	1.63'	2.56	3.68'	5.00'

PARABOLIC CURB FLARES

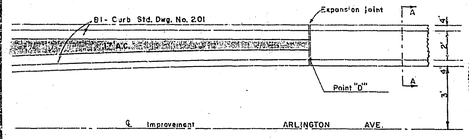


TURNING LANE DETAIL
Scale: 1" = 20'

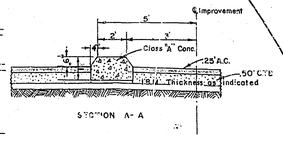
Offset Distances						
FOR LENGTH OF TAPER 150'					FOR LENGTH OF TAPER 90'	
D-D1=4'	D-D1=8'	D-D1=9'	D-D1=11'	Dist. From Point "A"	D-D1=8'	Dist. From Point "A"
0	0	0	—		0	—
.12'	.14'	.17'	.12 50'		7.5'	.12'
.50'	.56'	.69'	25.00'		15'	.50'
1.12'	1.27'	1.54'	37.50'		22.5'	1.12'
2.00'	2.22'	2.75'	50.00'		30'	2.00'
4.00'	4.50'	5.50'	75.00'		45'	4.00'
6.00'	6.75'	8.25'	100.00'		60'	6.00'
6.88'	7.73'	9.46'	112.50'		67.5'	6.88'
7.50'	8.44'	10.31'	125.00'		75'	7.50'
7.88'	8.86	10.83'	137.50'		82.5'	7.88'
8.00'	9.00'	11.00'	150.00'		90'	8.00'

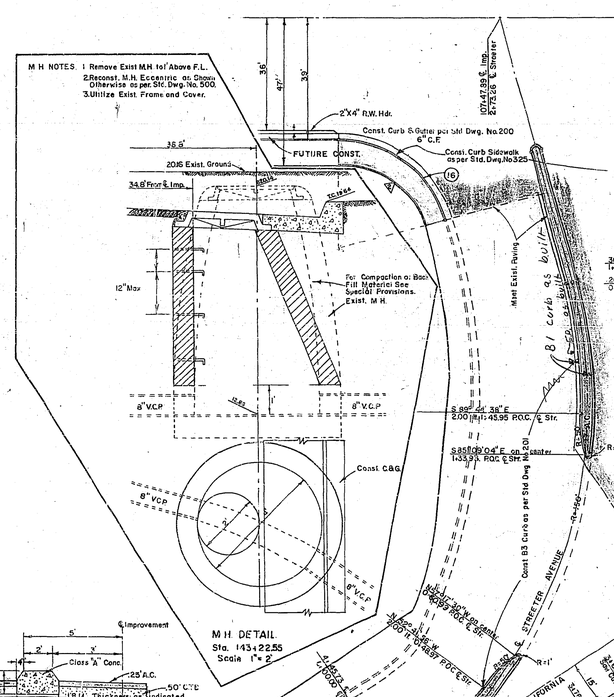


TYPICAL DETAIL FOR PIPE SLEEVES & POSTS AT TRAFFIC ISLANDS ALONG ARLINGTON AVENUE
NOT TO SCALE

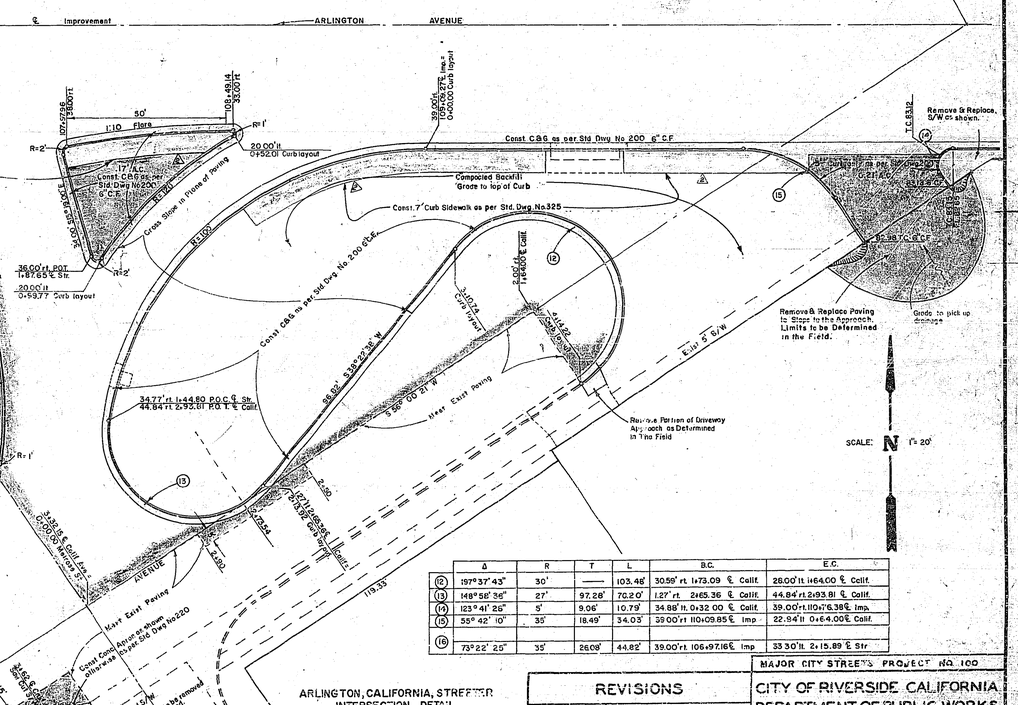


MEDIAN CURB DETAIL
Scale 1" = 3'





M.H. DETAIL
Sta. 143+22.55
Scale 1" = 2'



	Δ	R	T	L	B.C.	E.C.
(12)	197°37'43"	30'	—	103.46'	30.59' rt. 1+73.09 ℄ Calif.	28.00' lt. 1+64.00 ℄ Calif.
(13)	148°58'36"	27'	97.28'	70.20'	1.27' rt. 2+65.36 ℄ Calif.	44.84' rt. 2+93.81 ℄ Calif.
(14)	123°41'26"	5'	9.06'	10.79'	34.88' lt. 0+32.00 ℄ Calif.	39.00' rt. 110+76.38 ℄ Imp.
(15)	55°42'10"	35'	18.49'	34.03'	39.00' rt. 110+09.85 ℄ Imp.	22.54' lt. 0+64.00 ℄ Calif.
(16)	73°22'25"	35'	26.08'	44.82'	39.00' rt. 106+97.16 ℄ Imp.	33.30' lt. 2+15.89 ℄ Str.

ARLINGTON, CALIFORNIA, STREETER INTERSECTION DETAIL
Scale 1" = 20'

REVISIONS		
MARK	DATE	DESCRIPTION
	Dec. 60	General Revision
1	Mar 61	Revised per Change Order No. 1
2	Mar 61	Revised per Change Order No. 7

MAJOR CITY STREETS PROJECT NO. 100

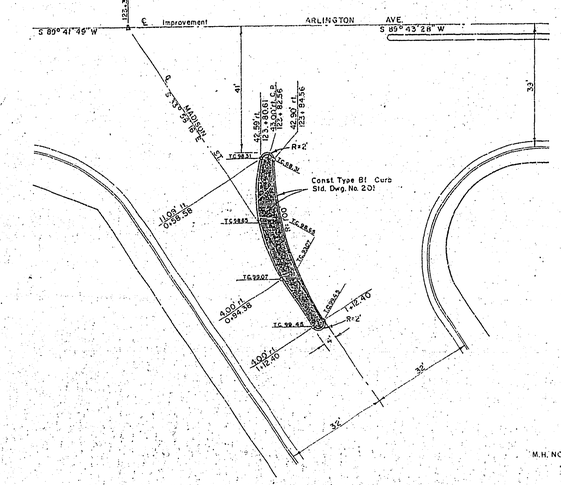
CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

ARLINGTON AVENUE
WIDENING
STREETER AVENUE
TO
MAGNOLIA AVENUE

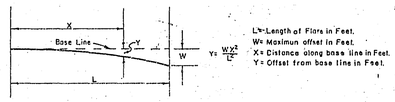
DESIGNED BY
DRAWN BY B.L.Low
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE 9-8-60

R-167
SHEET 12 OF 12

MISSION BLUEPRINT CO.



MADISON STREET TRAFFIC ISLAND DETAIL
Scale: 1" = 20'



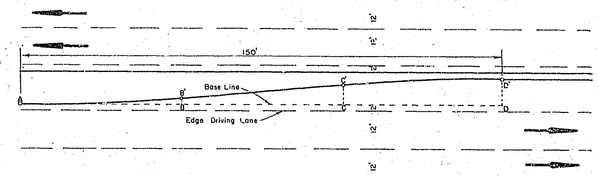
$Y = \frac{W X^2}{L^2}$

L = Length of Flare in Feet.
W = Maximum offset in Feet.
X = Distance along base line in Feet.
Y = Offset from base line in Feet.

1:10 Flares. Length L = 50', W = 5', Distance X =	10'	20'	30'	40'	50'
Offset Y for Distance X	.20'	.80'	1.80'	3.20'	5.00'

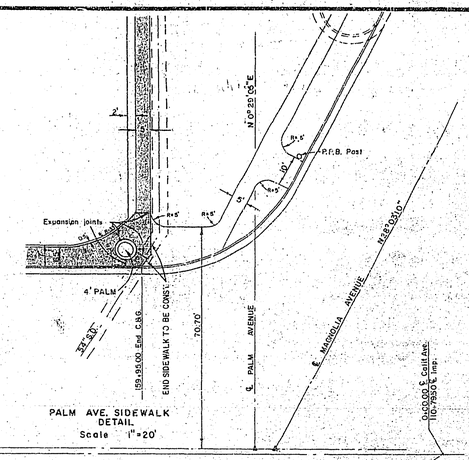
1:7 Flares. Length L = 35', W = 5', Distance X =	10'	15'	20'	25'	30'	35'
Offset Y for Distance X	.41'	.92'	1.63'	2.14'	3.69'	5.00'

PARABOLIC CURB FLARES

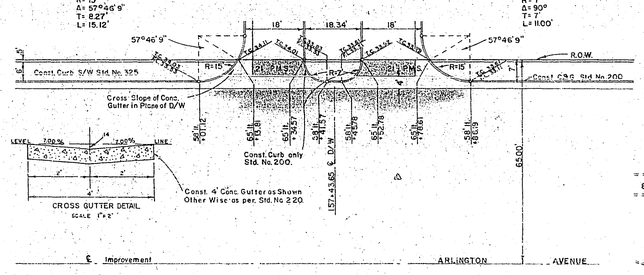


TURNING LANE DETAIL
Scale: 1" = 20'

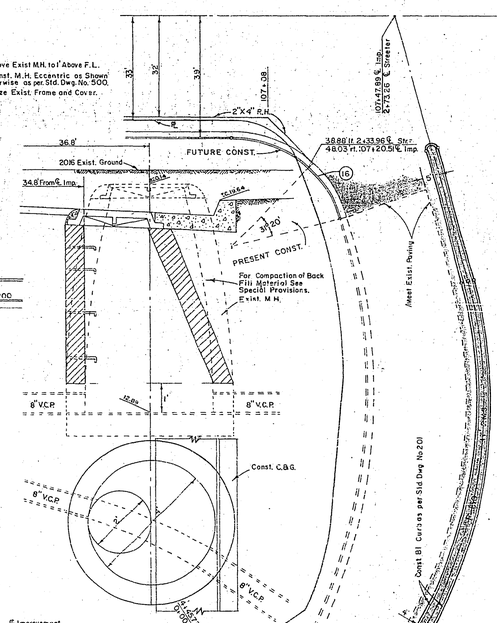
Offset Distances				
FOR LENGTH OF TAPER 150'				
D-D'=4'	D-D'=6'	D-D'=9'	D-D'=11'	Dist. From Point "A"
d	O	O	O	—
.06'	.12'	.14'	.17'	12.50'
.25'	.50'	.56'	.69'	25.00'
.56'	1.12'	1.27'	1.54'	37.50'
1.00'	2.00'	2.25'	2.75'	50.00'
2.00'	4.00'	4.50'	5.50'	75.00'
3.00'	6.00'	6.75'	8.25'	100.00'
3.4'	6.88'	7.73'	9.46'	112.50'
3.5'	7.50'	8.44'	10.31'	125.00'
3.9'	7.88'	8.86'	10.83'	137.50'
4.00'	8.00'	9.00'	11.00'	150.00'

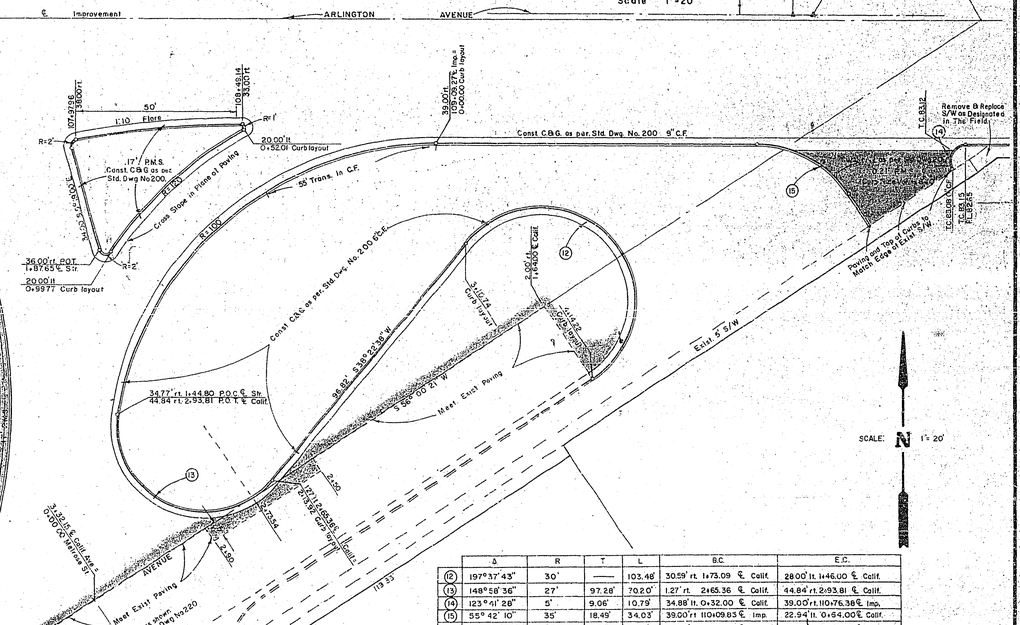


PALM AVE. SIDEWALK DETAIL
Scale 1" = 20'



DRIVEWAY DETAIL
Sta. 157+43.65
Scale 1" = 20'

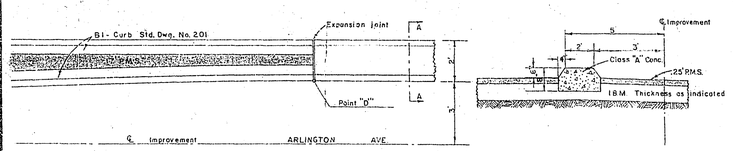




ARLINGTON, CALIFORNIA, STREETER INTERSECTION DETAIL
Scale 1" = 20'

SCALE: N 1" = 20'

	Δ	R	T	L	B.C.	E.C.
(12)	197° 37' 43"	30'	—	103.46'	30.59' rt. 1+73.09 ℄ Calif.	28.00' lt. 1+46.00 ℄ Calif.
(13)	148° 58' 36"	27'	97.28'	70.20'	1.27' rt. 2+65.36 ℄ Calif.	44.84' rt. 2+93.81 ℄ Calif.
(14)	123° 41' 28"	5'	9.06'	10.79'	34.88' lt. 0+32.00 ℄ Calif.	39.00' rt. 110+76.38 ℄ Imp.
(15)	55° 42' 10"	35'	18.49'	34.03'	39.00' rt. 110+09.83 ℄ Imp.	22.94' lt. 0+64.00 ℄ Calif.
(16)	31° 20' 00"	35'	9.82'	19.14'	48.03' rt. 107+20.51 ℄ Imp.	33.30' lt. 2+15.89 ℄ Str.
	73° 22' 25"	35'	25.08'	44.82'	39.00' rt. 106+97.16 ℄ Imp.	33.30' lt. 2+15.89 ℄ Str.



MEDIAN CURB DETAIL
Scale 1" = 3'

NOTE: ALL WORK TO BE IN ACCORDANCE WITH CITY OF RIVERSIDE STANDARD SPECIFICATIONS NO. 400

APPROVED FOR DRIVEWAY Sta. 157+42.25 & Palm Ave. S/W Detail.
DIRECTOR OF PUBLIC WORKS
DATE 6-13-60

REVISIONS		
MARK	DATE	DESCRIPTION
1	7/5/60	D/W at Sta 157+43.65 revised.
2	7/12/60	Removed C.B. Note at Sta. 159+82

DESIGNED BY
DRAWN BY B. Low
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER

MAJOR CITY STREETS PROJECT NO. 100

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

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SHEET 12 OF 12

MISSION BLUEPRINT CO.