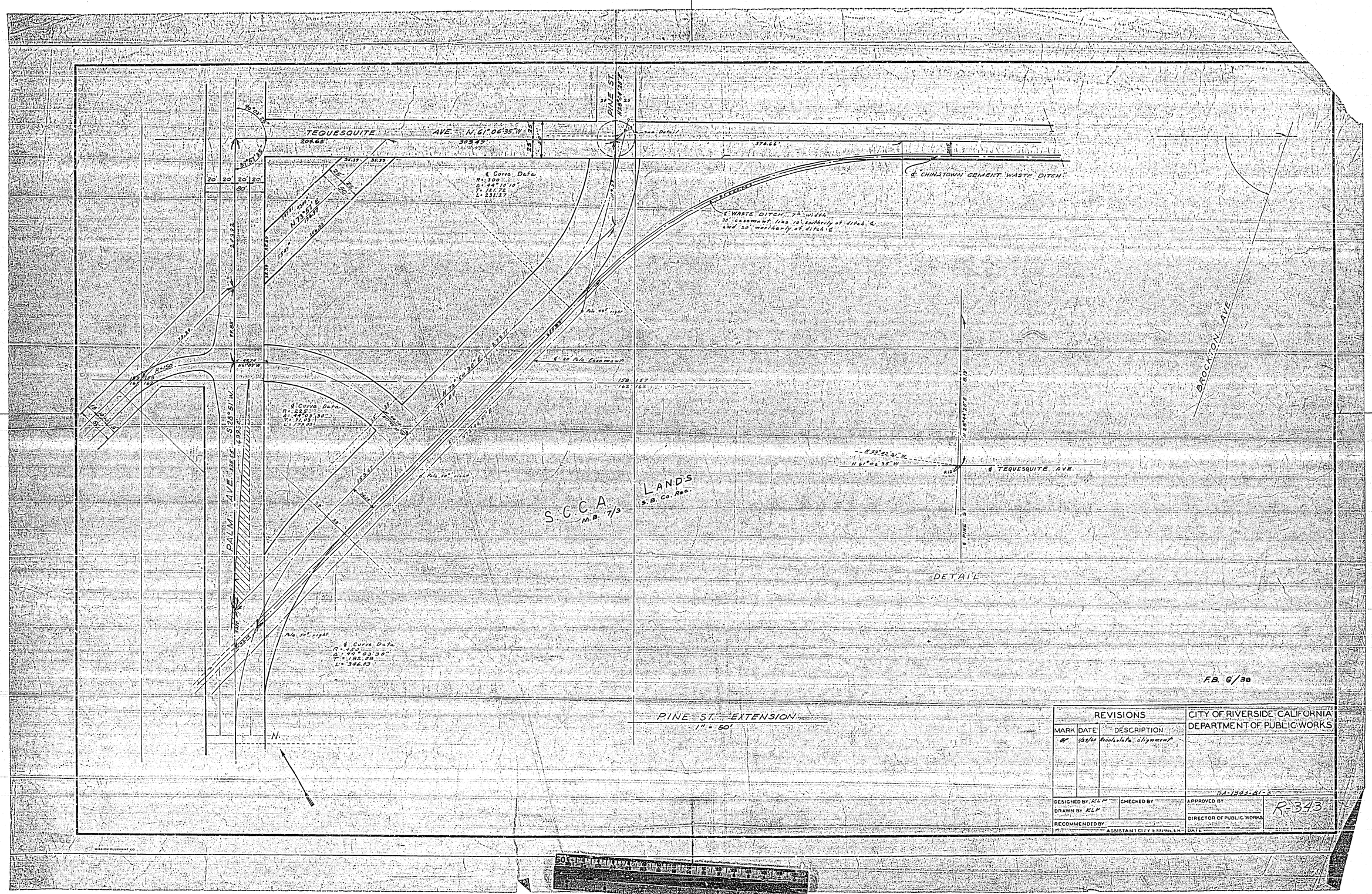
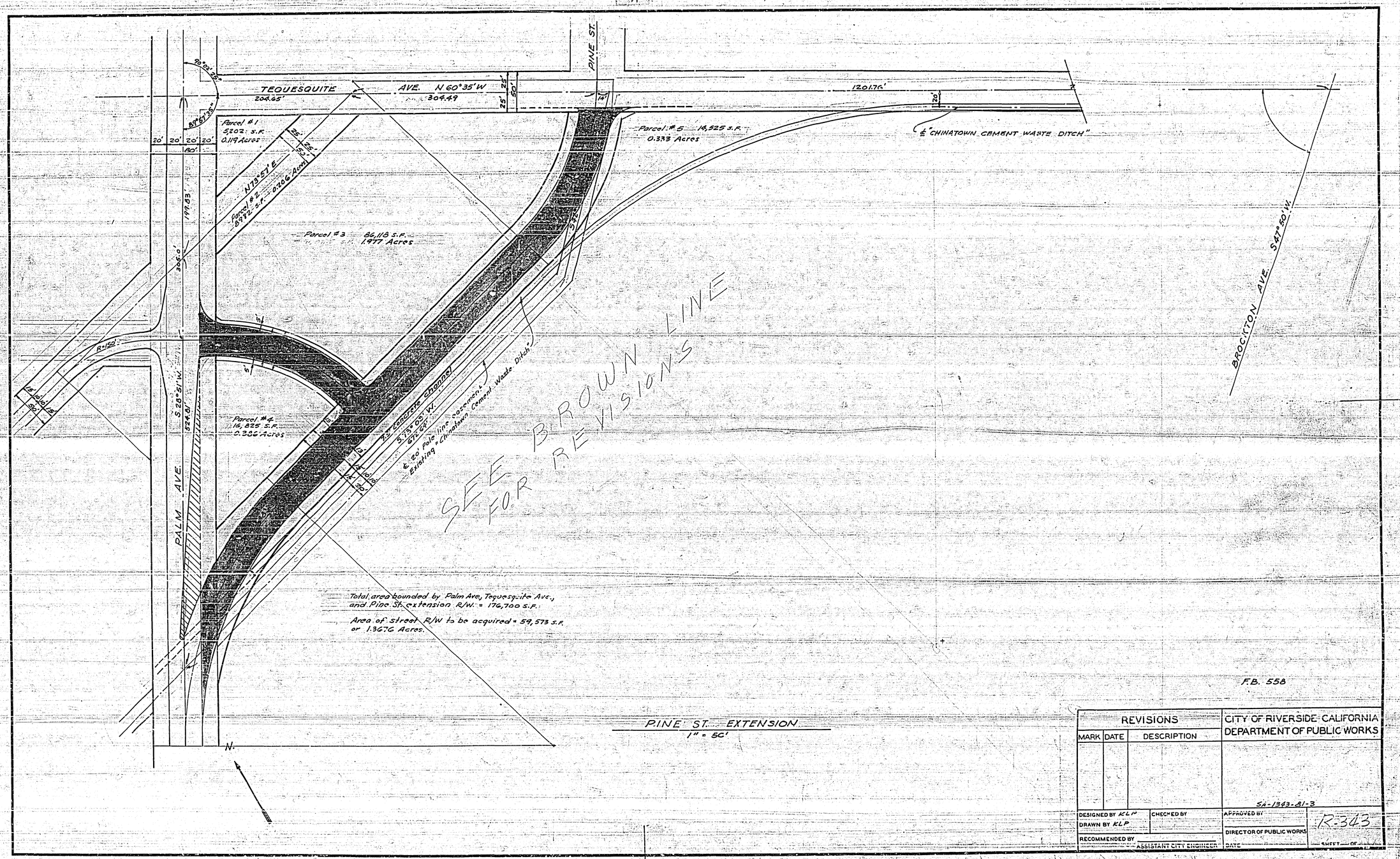



| REVISIONS | | |
|---|---|---|
| MARK | DATE | DESCRIPTION |
| BP | 1/29/68 | Recalculate alignment |

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

SA-1343-81-3

DESIGNED BY KLP
DRAWN BY KLP
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE
R-343
SHEET OF

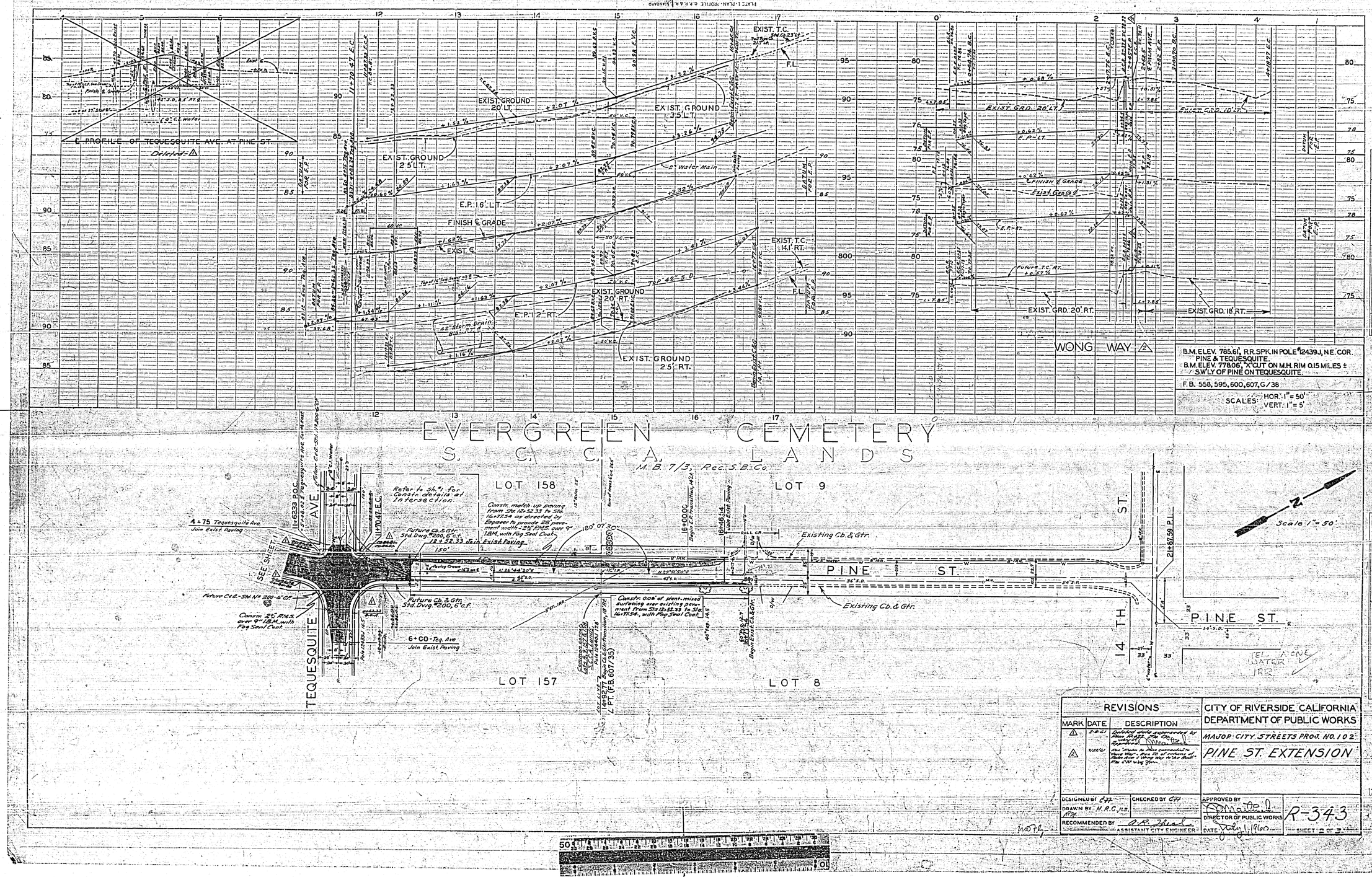



PINE ST. EXTENSION
1" = 50'

F.B. 558

| REVISIONS | | | CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS |
|---|---|---|---|
| MARK | DATE | DESCRIPTION | |
| | | | SA-1343-81-3 |
| DESIGNED BY KLP | CHECKED BY | APPROVED BY | R-343 |
| DRAWN BY KLP | | DIRECTOR OF PUBLIC WORKS | |
| RECOMMENDED BY ASSISTANT CITY ENGINEER | | DATE | SHEET OF |

MISSION BLUEPRINT CO.




| REVISIONS | | |
|---|---|---|
| MARK | DATE | DESCRIPTION |
| 1 | 2-8-61 | Deleted data superseded by Plan P-432 Sta. Co. Approved |
| 2 | 7-28-61 | Plan "Plan to Plan connection to Wong Way" Rec. Co. of column of Plan Ave. & Wong Way to "A" Bldg. Sta. C.A. was given. |

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

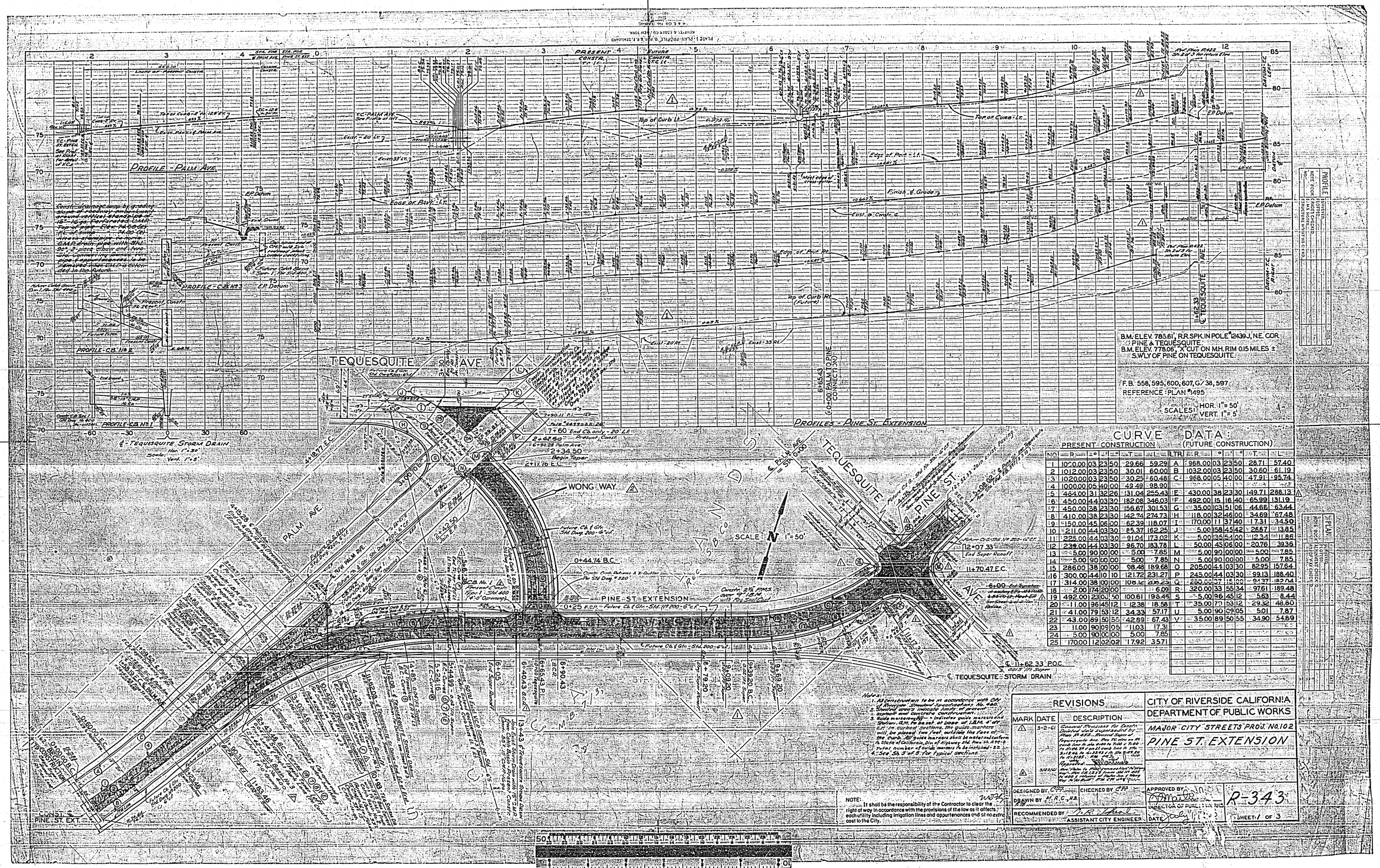
MAJOR CITY STREETS PROJ. NO. 102

PINE ST. EXTENSION

DESIGNED BY C.H. CHECKED BY C.H.
DRAWN BY H.R.C.
RECOMMENDED BY A.R. Thiel ASSISTANT CITY ENGINEER
APPROVED BY DIRECTOR OF PUBLIC WORKS
DATE July 1, 1960

R-343

SHEET 2 OF 3




## CURVE DATA:

PRESENT CONSTRUCTION (FUTURE CONSTRUCTION)

| NO. | R | ° | ' | " | T | L | LTR | R | ° | ' | " | T | L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1000.00 | 03 | 23 | 50 | 29.66 | 59.29 | A | 968.00 | 03 | 23 | 50 | 28.71 | 57.40 |
| 2 | 1012.00 | 03 | 23 | 50 | 30.01 | 60.00 | B | 1032.00 | 03 | 23 | 50 | 30.60 | 61.19 |
| 3 | 1020.00 | 03 | 23 | 50 | 30.25 | 60.48 | C | 968.00 | 05 | 40 | 00 | 47.91 | 95.74 |
| 4 | 1000.00 | 05 | 40 | 00 | 49.49 | 98.90 | | | | | | | |
| 5 | 464.00 | 31 | 32 | 26 | 131.04 | 255.43 | E | 430.00 | 38 | 23 | 30 | 149.71 | 288.13 |
| 6 | 450.00 | 44 | 03 | 30 | 182.08 | 346.03 | F | 492.00 | 15 | 16 | 40 | 65.99 | 131.19 |
| 7 | 450.00 | 38 | 23 | 30 | 156.67 | 301.53 | G | 35.00 | 103 | 51 | 06 | 44.68 | 63.44 |
| 8 | 410.00 | 38 | 23 | 30 | 142.74 | 274.73 | H | 118.00 | 32 | 46 | 00 | 34.69 | 67.48 |
| 9 | 150.00 | 45 | 06 | 00 | 62.39 | 118.07 | I | 170.00 | 11 | 37 | 40 | 17.31 | 34.50 |
| 10 | 211.00 | 44 | 03 | 30 | 85.37 | 162.25 | J | 5.00 | 158 | 45 | 42 | 26.67 | 13.85 |
| 11 | 225.00 | 44 | 03 | 30 | 91.04 | 173.02 | K | 5.00 | 135 | 54 | 00 | 12.34 | 11.86 |
| 12 | 239.00 | 44 | 03 | 30 | 96.70 | 183.78 | L | 50.00 | 45 | 06 | 00 | 20.76 | 39.36 |
| 13 | 5.00 | 90 | 00 | 00 | 5.00 | 7.85 | M | 5.00 | 90 | 00 | 00 | 5.00 | 7.85 |
| 14 | 5.00 | 90 | 00 | 00 | 5.00 | 7.85 | N | 5.00 | 90 | 00 | 00 | 5.00 | 7.85 |
| 15 | 286.00 | 38 | 00 | 00 | 98.48 | 189.68 | O | 205.00 | 44 | 03 | 30 | 82.95 | 157.64 |
| 16 | 300.00 | 44 | 10 | 10 | 121.72 | 231.27 | P | 245.00 | 44 | 03 | 30 | 99.13 | 188.40 |
| 17 | 314.00 | 38 | 00 | 00 | 108.12 | 209.25 | Q | 260.00 | 37 | 15 | 00 | 84.37 | 182.04 |
| 18 | 2.00 | 174 | 20 | 00 | | 6.09 | R | 320.00 | 33 | 55 | 34 | 97.61 | 189.48 |
| 19 | 492.00 | 23 | 00 | 50 | 100.61 | 198.48 | S | 5.00 | 96 | 45 | 12 | 5.63 | 8.44 |
| 20 | 11.00 | 96 | 45 | 12 | 12.38 | 18.58 | T | 35.00 | 70 | 53 | 12 | 29.32 | 48.80 |
| 21 | 41.00 | 79 | 53 | 12 | 34.33 | 57.17 | U | 5.00 | 90 | 09 | 05 | 5.01 | 7.87 |
| 22 | 43.00 | 89 | 50 | 55 | 42.89 | 67.43 | V | 35.00 | 89 | 50 | 55 | 34.90 | 54.89 |
| 23 | 11.00 | 90 | 09 | 05 | 11.03 | 17.31 | | | | | | | |
| 24 | 5.00 | 90 | 00 | 00 | 5.00 | 7.85 | | | | | | | |
| 25 | 170.00 | 12 | 02 | 02 | 17.92 | 35.71 | | | | | | | |

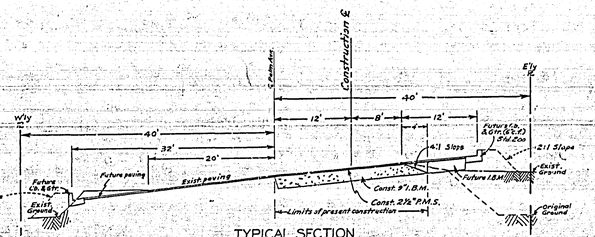
Notes:
1. All construction to be in accordance with City of Riverside Standard Specifications No. 460.
2. Shaded areas indicate limits of present asphalt and concrete construction.
3. Guide markers [illegible] - indicates guide markers and Station. G.M. to be set at base of I.B.M. 4' off ℄ in curbed sections. The guide markers will be placed two feet outside the face of the curb. All guide markers shall be metal and conform to State of California, Div. of Highway Std. Plan Sh. A70-2. Total number of guide markers to be installed - 22.
4. See Sh. 3 of 5 for typical sections.

NOTE: 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 extra cost to the City.

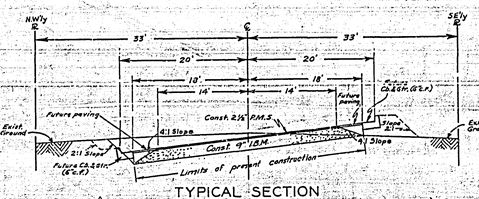
| REVISIONS | | |
|---|---|---|
| MARK | DATE | DESCRIPTION |
| △ | 3-2-61 | General Revisions for Constr. Deleted and superseded by Plan R-432. Revised Sign of Tequesquite Ave. Rev. 75 ft. on ℄ Curb line to Sta. 0+00 to 7+00 & 7+00 to 11+06.33 & on ℄ Curb line to Sta. 2+13.06 to 4+33.93 & to Sta. 9+09.20 to 11+21.05. [illegible] Approved: [signature] |
| △ | 3/23/61 | Rev. Pine to Pine Construction to Wong Way. Rev. C.B. 1, 2 & 3 [illegible] |

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJ. NO. 102
PINE ST. EXTENSION

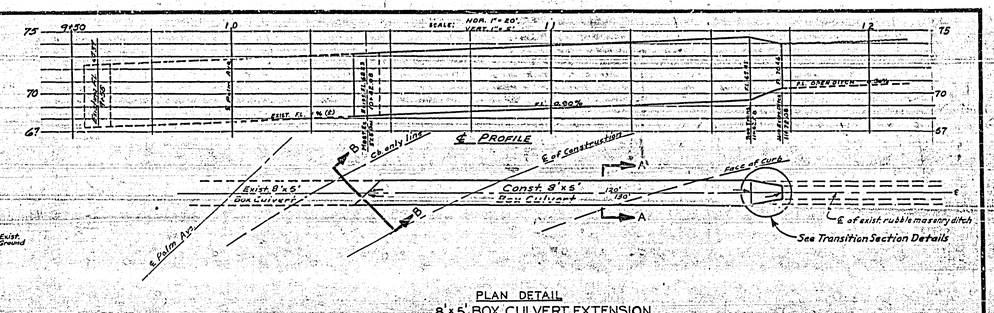
DESIGNED BY [signature] CHECKED BY [signature]
DRAWN BY H.R.C., H.B.
RECOMMENDED BY [signature] ASSISTANT CITY ENGINEER
APPROVED BY [signature] DIRECTOR OF PUBLIC WORKS
DATE July 1, 1960
R-343
SHEET 1 OF 3



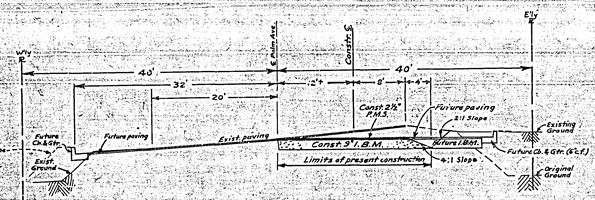

TYPICAL SECTION
0+00 TO 1+23.46
(0.042'/FT. TO 0.00'/FT. SUPER)
Scale: Hor. 1"=10', Vert. 1"=5'



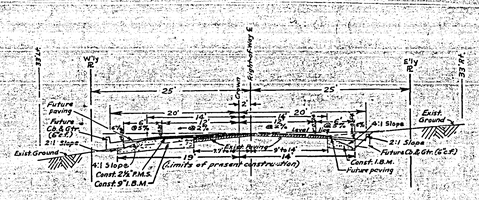

TYPICAL SECTION
8+79.20 TO 9+69.20 (0.00'/FT. TO 0.03'/FT. SUPER)
9+69.20 TO 11+17.33 (FULL 0.03'/FT. SUPER)
11+17.33 TO 12+52.33 (0.03'/FT. TO 0.00'/FT. SUPER)
Not to Scale



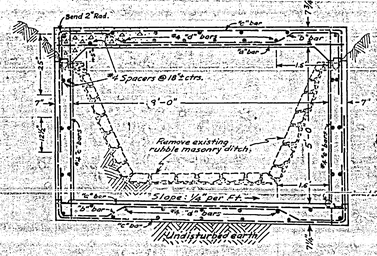

PLAN DETAIL
8'x5' BOX CULVERT EXTENSION
Scale: 1"=20'




SECTION AT 1+23.46
Scale: Hor. 1"=10', Vert. 1"=5'




TYPICAL SECTION
12+52.33 TO END OF CONSTRUCTION
Scale: 1"=10', Vert. 1"=5'



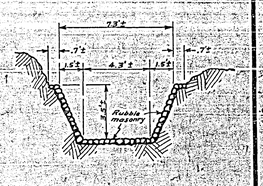

DETAIL A-A
Scale: 1"=2'-0"

| REINFORCING STEEL | | | |
|---|---|---|---|
| | Size | Spacing | Length |
| "a" bar | #5 | 12" | 8'-11" |
| "b" bar | #5 | 12" | 13'-4" |
| "c" bar | #5 | 12" | 15'-10" |

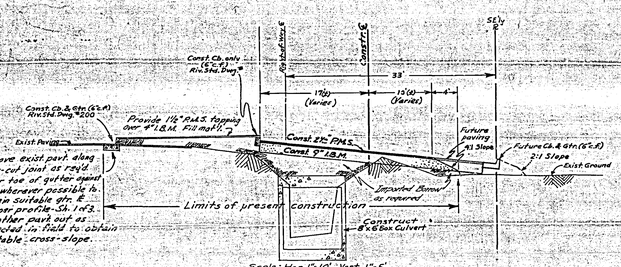
| | | |
|---|---|---|
| "d" bar | Top slab - No. of | 6 |
| | Bot. " " | 5 |
| "e" bar | Spacing | 18" |
| Spacers | Number | 30 |

Note: Concrete for Box Culvert extension shall be Class "A" (6.0 Sack.)

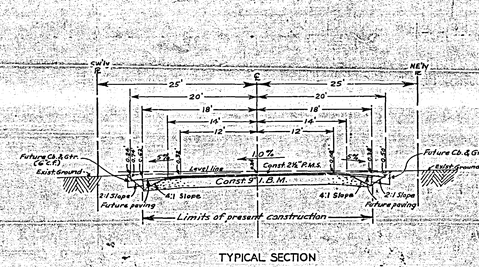
Design Unit Stresses:
$f_s = 20{,}000$ psi
$f_c = 1{,}000$ psi
$n = 10$
$U = 300$ psi
$V = 90$ psi



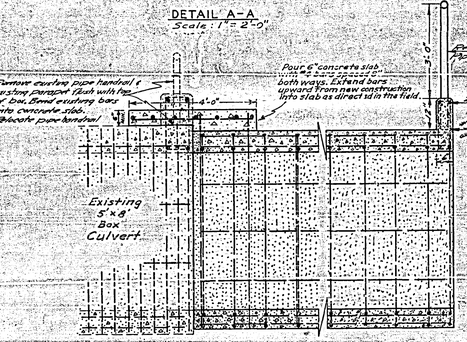

TYPICAL SECTION OF EXISTING DITCH
Scale: 1"=4'-0"



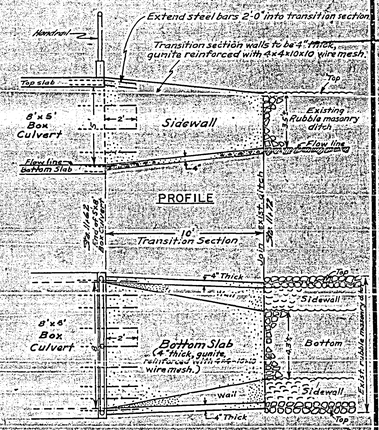

Scale: Hor. 1"=10', Vert. 1"=5'
TYPICAL SECTION
1+23.46 TO 6+05
Scale: Hor. 1"=10', Vert. 1"=5'
1+23.46 TO 3+03.46 (0.00'/FT. TO 0.06'/FT. SUPER)
3+03.46 TO 4+25 (FULL 0.06'/FT. SUPER)
4+25 TO 6+05 (0.06'/FT. TO 0.00'/FT. SUPER)



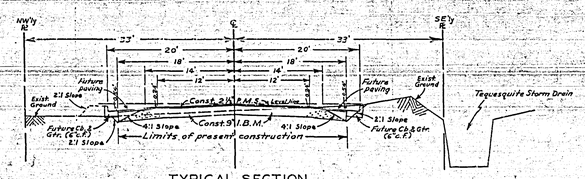

TYPICAL SECTION
PALM TO PINE CONNECTION
Scale: Hor. 1"=10', Vert. 1"=5'




DETAIL B-B
Scale: 1"=2'-0"




PLAN
TRANSITION SECTION DETAILS
Scale: 1"=4'-0"




TYPICAL SECTION
6+05 TO 8+79.20
Scale: Hor. 1"=10', Vert. 1"=5'

| REVISIONS | | |
|---|---|---|
| MARK | DATE | DESCRIPTION |
| 1 | 3-2-61 | Revised Typical Section - Sta. 6+05 Funds approved for improvements Approved: [illegible] |

CITY OF RIVERSIDE CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
MAJOR CITY STREETS PROJ. NO. 102
PINE ST. EXTENSION

DESIGNED BY [illegible] CHECKED BY [illegible]
DRAWN BY [illegible]
RECOMMENDED BY [illegible] ASSISTANT CITY ENGINEER
APPROVED BY [illegible] DIRECTOR OF PUBLIC WORKS
DATE July 1, 1960
R-343
SHEET 3 of 3