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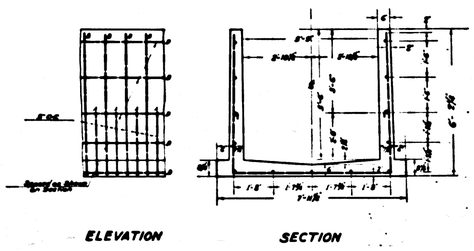
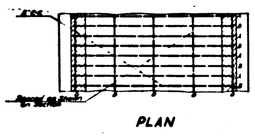
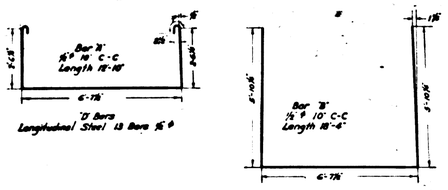


ELEVATION SECTION



PLAN



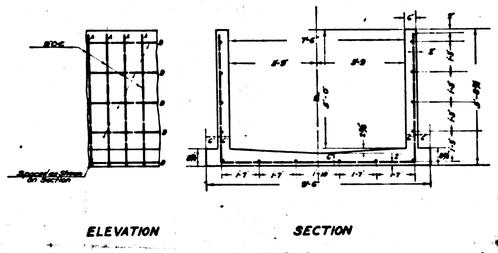
Total Length 1849 Feet
Class 'A-1' Concrete 4076 Cu Yds. per lineal foot
Reinforcing Steel 34.2720 Pounds per lineal foot
Dimensions to Reinforcing Steel Refer to Center Lines

REINFORCED CONCRETE OPEN BOX 5'-9"x5'-6"
SECTION 2

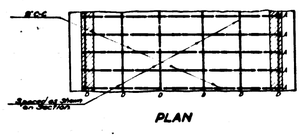
FROM STATION 19+00.00 / 11+17.00 TO STATION 24+86.00 / 18+80.00

RUSSELL STREET LINE

SCALE: 1/2"=1'



ELEVATION SECTION



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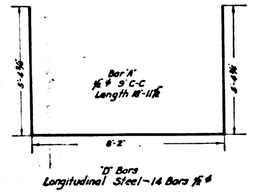


Total Length 700.74 Feet
Class 'A-1' Concrete 4099 Cu Yds. per lineal foot
Reinforcing Steel 32.7089 Pounds per lineal foot
Dimensions to Reinforcing Steel Refer to Center Lines

REINFORCED CONCRETE OPEN BOX 7'-6"x5'-0"
SECTION 1

FROM STATION 3+46.26 / 10+01.05 TO STATION 9+87.05 / 10+61.00

RUSSELL STREET LINE

SCALE: 1/2"=1'

CSB-1166-2
A10FA4

NOTES:

Elevations are in feet above U.S.G.S. or mean Sea Level Datum.

All reinforced concrete structures shall be Class 'A-1' Concrete.

Weep holes 3/4" in diameter shall be placed in each sidewall and spaced not more than five feet each way.

RUSSELL STREET DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF OPEN BOX SECTIONS

SHEET 2 OF 3 SHEETS

SCALE AS SHOWN — DECEMBER 1935

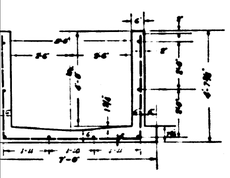
ALFRED JONES, COUNTY SURVEYOR

RECOMMENDED: Chief Deputy — APPROVED: County Engineer

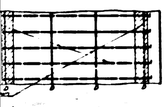
REFERENCE				
		DESIGNED	J.H. Rice	MAR. 1935
		TRACED	V.L. Van Wagner	APRIL 1935
		CHECKED	E.E. Mitchell	APRIL 1935

2

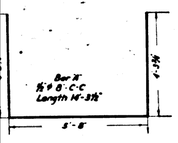
Trim Print to this Line



SECTION



PLAN

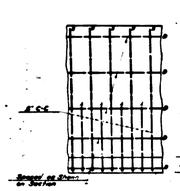


"D"-Bars
Longitudinal Steel - 8 Bars 16 #

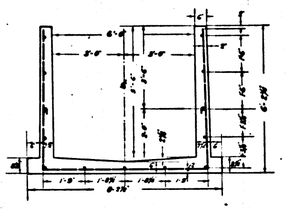
Total Length 436 Feet
Class A1 Concrete 3021 Cu Yds per lineal foot
Reinforcing Steel 200175 Pounds per lineal foot
Dimensions to Reinforcing Steel refer to Center Lines

RCED CONCRETE OPEN BOX 5'-0" x 4'-0"
SECTION 5

FROM STATION 38+34.00 TO STATION 42+90.00
RUSSELL STREET LINE
SCALE: ½"=1'

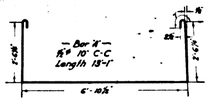


ELEVATION

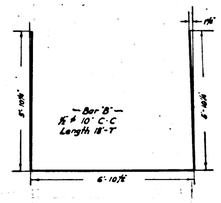


SECTION

PLAN



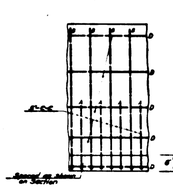
"D" Bars
Longitudinal Steel 13 Bars 16 #



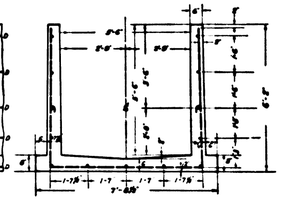
Total Length 581 Feet
Class A-1 Concrete 4131 Cu Yds per lineal foot
Reinforcing Steel 34.6 Pounds per lineal foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE OPEN BOX 6'-0" x 5'-6"
SECTION 4

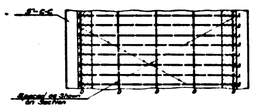
FROM STATION 31+55.00 / 32+39.00 TO STATION 32+19.00 / 37+56.00
RUSSELL STREET LINE
SCALE: ½"=1'



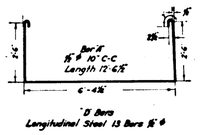
ELEVATION



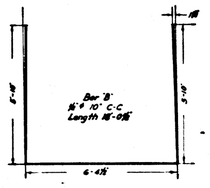
SECTION



PLAN



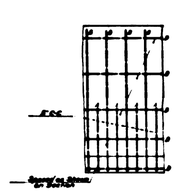
"D" Bars
Longitudinal Steel 13 Bars 16 #



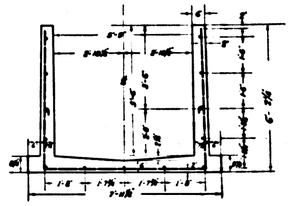
Total Length 675.39 Feet
Class A-1 Concrete 3983 Cu Yds per lineal foot
Reinforcing Steel 33.7960 Pounds per lineal foot
Dimensions to Reinforcing Steel Refer to Center Lines

REINFORCED CONCRETE OPEN BOX 5'-6" x 5'-6"
SECTION 3

FROM STATION 25+15.00 TO STATION 31+44.39
RUSSELL STREET LINE
SCALE: ½"=1'

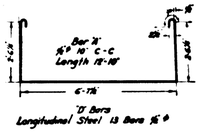


ELEVATION

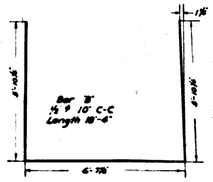


SECTION

PLAN



"D" Bars
Longitudinal Steel 13 Bars 16 #

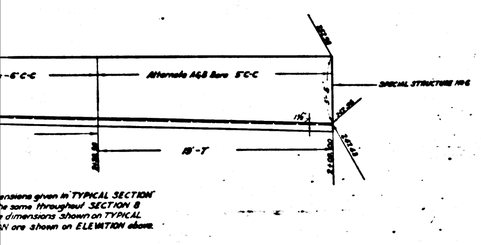


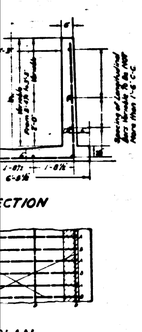
Total Length 1349 Feet
Class A-1 Concrete 4076 Cu Yds per lineal foot
Reinforcing Steel 34.2720 Pounds per lineal foot
Dimensions to Reinforcing Steel Refer to Center Lines

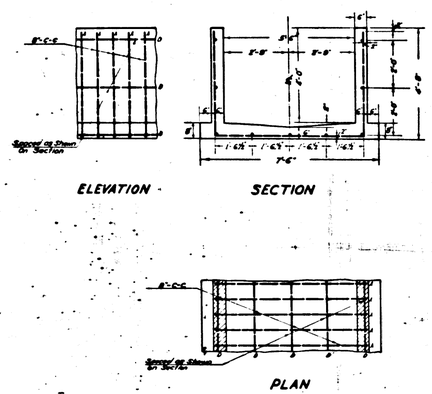
REINFORCED CONCRETE OPEN BOX 5'-9" x
SECTION 2

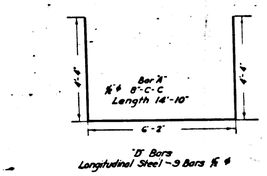
FROM STATION 19+00.00 / 11+17.00 TO STATION 24+96.00 / 18+80.00
RUSSELL STREET LINE
SCALE: ½"=1'

CSB-1166-2
A 2 OF A 4





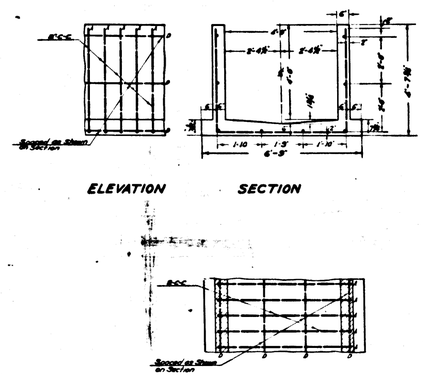


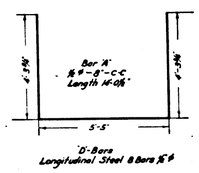


Total Length 118 Feet
Class 'A-1' Concrete .3164 Cu Yds. per lineal Foot
Reinforcing Steel 21.2500 Pounds per lineal Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE OPEN BOX 5'-6"x4'-0"
SECTION 7

FROM STATION 48+39.40 TO STATION 49+57.40
RUSSELL STREET LINE
SCALE: 1/2"=1'

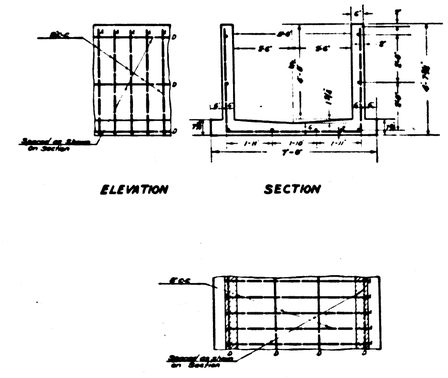


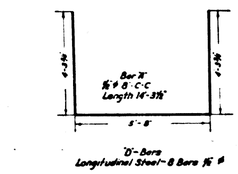


Total Length 329.40 Feet
Class 'A-1' Concrete .2968 Cu Yds. per lineal Foot
Reinforcing Steel 19.7625 Pounds per lineal Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE OPEN BOX 4'-9"x4'-0"
SECTION 6

FROM STATION 43+00.00 TO STATION 48+29.40
RUSSELL STREET LINE
SCALE: 1/2"=1'





Total Length 496 Feet
Class 'A' Concrete .3021 Cu Yds per lineal Foot
Reinforcing Steel 20.0175 Pounds per lineal Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE OPEN BOX 5'-0"x4'-0"
SECTION 5

FROM STATION 38+34.00 TO STATION 42+90.00
RUSSELL STREET LINE
SCALE: 1/2"=1'

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A3 OF A4

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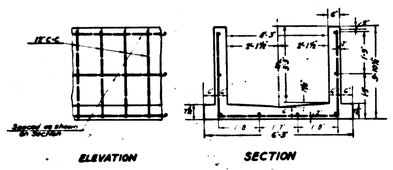
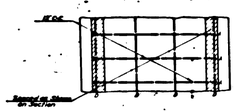
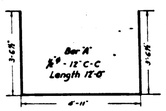




PLAN



'D' Bars

Longitudinal Steel 8 Bars ½" ϕ

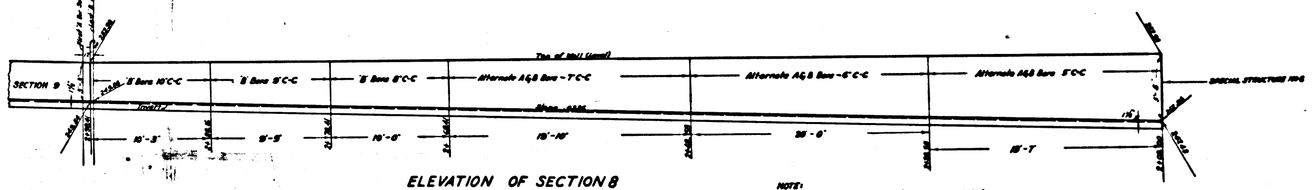
Total Length 118.22 Feet
Class 4-1 Concrete .2552 Cu. Yds. per lineal foot (Average)
Reinforcing Steel 13,600 Pounds per lineal foot (Average)
Dimensions to Reinforcing Steel Refer to Center Lines

REINFORCED CONCRETE OPEN BOX 4'-3" x 3'-3"
SECTION 9

FROM STATION 2+98.41 TO STATION 10+16.63

SANTA GERTRUDES AVE. LATERAL

SCALE: ½" = 1'

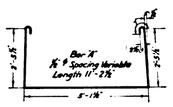


'B' Bars
All longitudinal bars to be ½" ϕ
Longitudinal bars in Invert to be spaced 1'-8½" C-C
Longitudinal bars in Sidewalls to be spaced not more than 1'-6" C-C

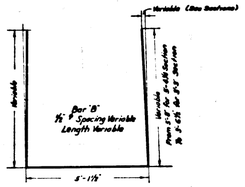
ELEVATION OF SECTION 8
SANTA GERTRUDES AVENUE LATERAL

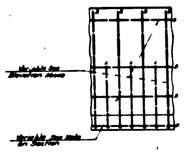
SCALE: ½" = 1'-0"

NOTE:
All dimensions given in 'TYPICAL SECTION' to be the same throughout SECTION 8
Variable dimensions shown on TYPICAL SECTION are shown on ELEVATION above.

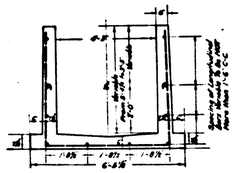


'D' Bars
All Longitudinal Bars to be ½" ϕ

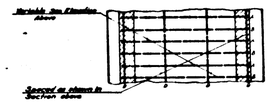




ELEVATION



SECTION



PLAN

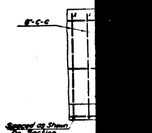
Total Length 89.41 Feet
Class 4-1 Concrete .3155 Cu. Yds. per lineal foot (Average)
Reinforcing Steel 23,341.9 Pounds per lineal foot (Average)
Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE OPEN BOX TYPICAL SECTION
SECTION 8

FROM STATION 2+09.00 TO STATION 2+98.41

SANTA GERTRUDES AVENUE LATERAL

SCALE: ½" = 1'



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FROM STAT
RUS

CSB-1166-2
A4 OF A4

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COUNTY SURVEYORS MAP NO B-1166

SHEET NO'S OF 2 SHEETS