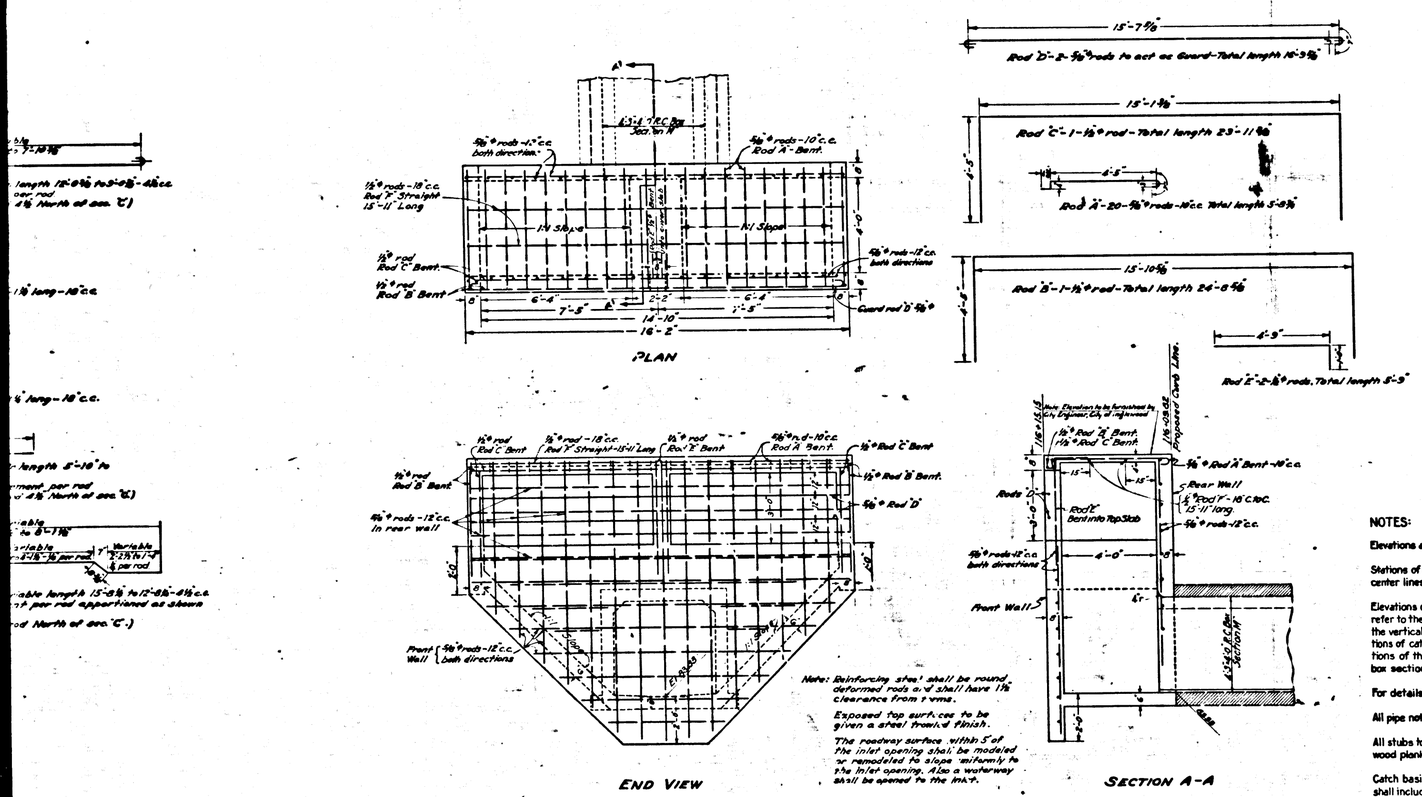


SPECIAL STRUCTURE No. 3
INTAKE
STA. 116+09.82
YUKON AVENUE MAIN LINE.
Scale: 1/2" = 1'

CSB-1164-6
A1 OF A3

NOTES:

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

Stations of inlets and junctions refer to the intersections of the center lines of the inlets with the center line of the main drain.

Elevations of all inlets except catch basin inlets into box sections refer to the flow lines of the inlets produced on their gradients to the vertical plane thru the center line of the main drain. Elevations of catch basin inlets into box sections refer to the intersections of the flow lines of these inlets with the inside wall of the box section.

For details of all standard structures see Standard Plans.

All pipe not otherwise specified shall be plain cement pipe.

All stubs to be one length of pipe with ends sealed with 2" redwood planking, unless otherwise specified.

Catch basins shall be built with a curb face of 10" or more which shall include a minimum depression at opening of 4" below gutter grade, unless otherwise specified.

Sanitary sewers crossing storm drains, shown in profile with less than two feet clearance, are to be encased as per S-a-6 for a length equal to the width of conduit trench.

All reinforced concrete structures to 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.

LENNOX DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF SPECIAL STRUCTURES

SPECIAL STRUCTURES NO. 1, 2 & 3
AND
DETAILS OF BOX SECTIONS
SECTIONS A, B & C.
FOR
YUKON AVENUE LINE

SHEET 6 OF 10 SHEETS

SCALES AS SHOWN — NOVEMBER 1935

ALFRED JONES — COUNTY SURVEYOR

RECOMMENDED [signature] CHIEF DEPUTY — APPROVED [signature] COUNTY SURVEYOR

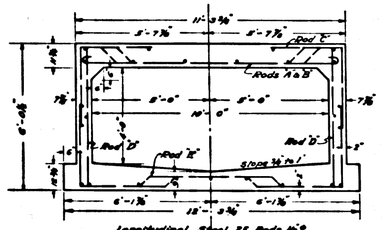
REFERENCE				
		DESIGNED	J.H. Hartley E.E. Mitchell	SEPT. 1935
		TRACED	H.C. Glenn	SEPT. 1935
	Revised 8-7-37	CHECKED	J.H. Rice J.H. Hartley	SEPT. 1935

6

Trim to this Line

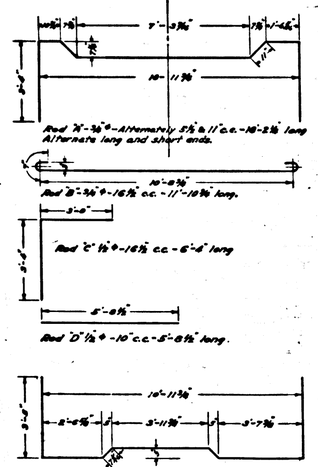
COUNTY SURVEYORS MAP NO. B-1164
SHEET NO. 6 OF 10 SHEETS

"Print this → ← Omit this



Longitudinal Steel 25 Rods 1/2"

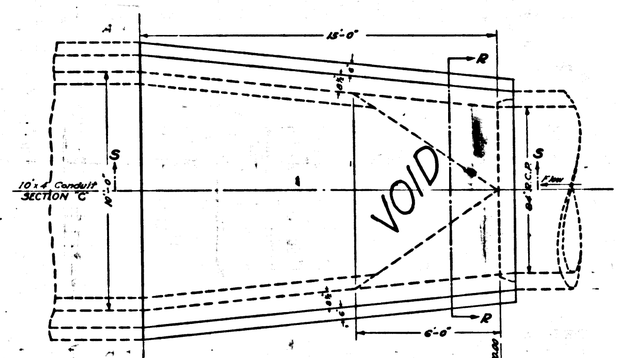
SECTION C

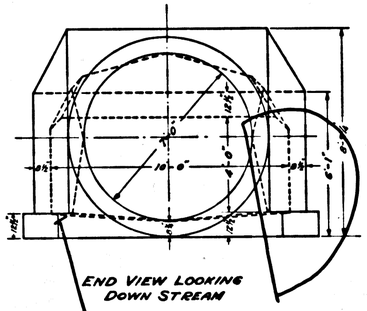


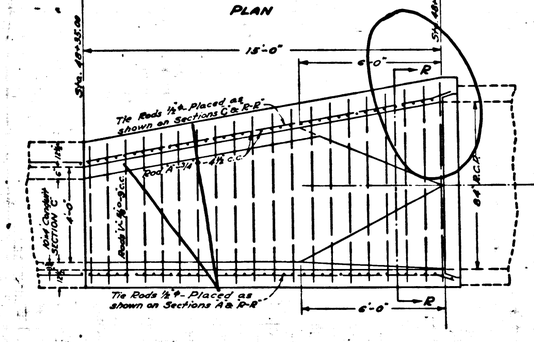
STANDARD RODS USED IN SECTION "C"

Total Length - 635 feet
Class "A-1" Concrete 1.0407 cu. yds. per ft.
Reinforcing Steel 133.2513 lbs. per ft. (on tangent)
Top slab cover 2" to 4". Total load 1162 lbs. per sq. ft.
Dimensions to reinforcing steel refer to center lines.

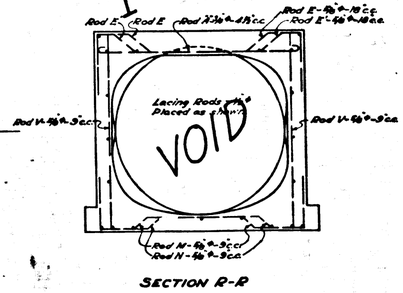
REINFORCED CONCRETE BOX 10'-0" x 4'-0"
SECTION "C"-YUKON AVE. LINE.
STA. 42+00 TO 48+35
Scale: 1/2"=1'



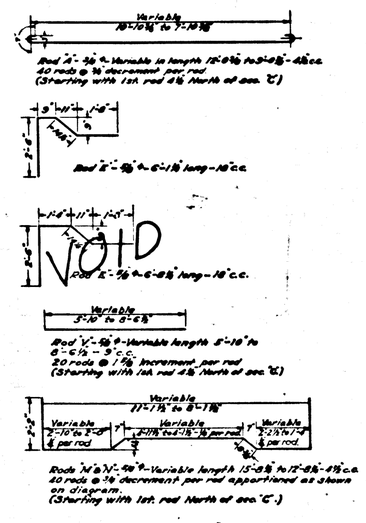


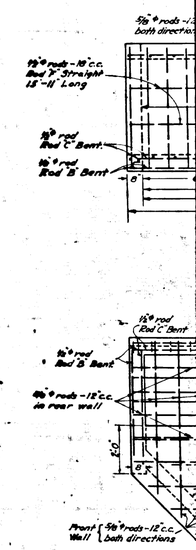


SECTION S-S



SECTION R-R

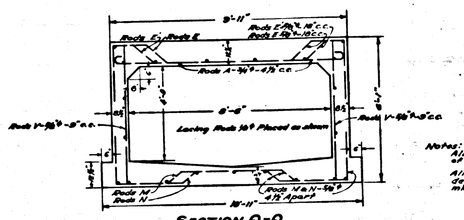




SPECIAL STRUCTURE No. 2
TRANSITION
STA. 48+35 TO 48+50
YUKON AVENUE LINE.
Scale: 1/2"=1'

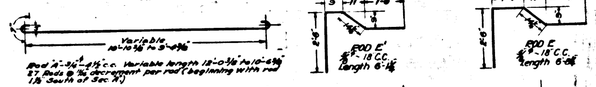
CSB-1164-6
A 2 OF A 3

℄ Trim to this Line

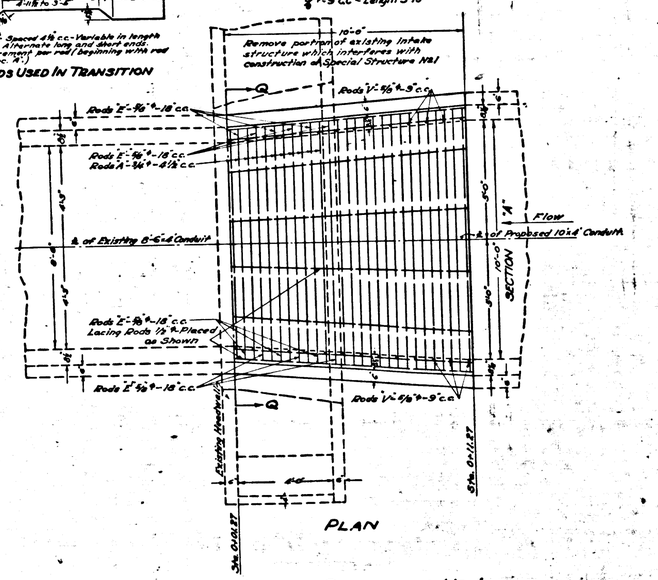


SECTION Q-Q

Notes:
All reinforced concrete shall be of Class "A-1".
All reinforcing steel shall be round deformed bars and placed with a minimum clearance of 1½ from forms.

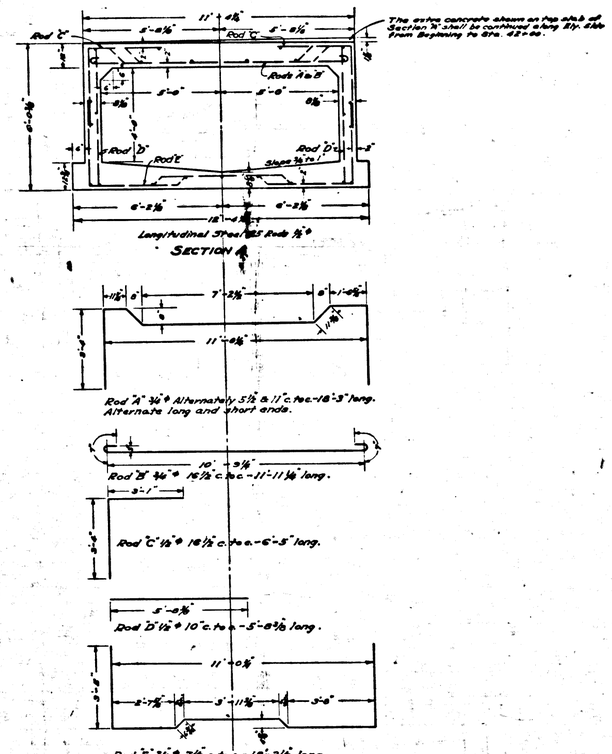


VARIABLE RODS USED IN TRANSITION



PLAN

SPECIAL STRUCTURE No. 1
TRANSITION
STA. 0+01.27 TO 0+11.27
YUKON AVENUE LINE.
Scale: ½"=1'



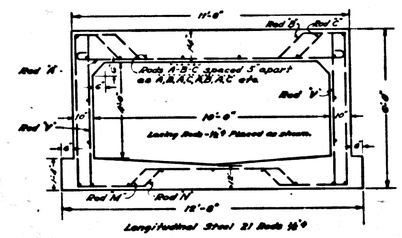
The extra concrete shown on the side of Section "A" shall be continued along 21'± side from Beginning to Sta. 42+00.

SECTION A

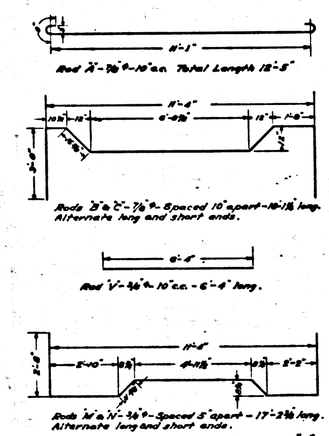
STANDARD RODS USED IN SECTION "A"

Total Length = 4108.73'
Class A-1 concrete 1.0444 cu. yds. per ft.
Reinforcing Steel 130.3576 lbs. per ft. (on tangent)
Top slab cover 0 to 2'. Total load 1227 lbs. per sq. ft.
Dimensions to reinforcing steel refer to center lines.

REINFORCED CONCRETE BOX 10'-0"x4'-0"
SECTION "A"-YUKON AVE. LINE.
STA. 0+11.27 TO 10+40.97
STA. 11+20.97 TO 42+00
Scale: ½"=1'

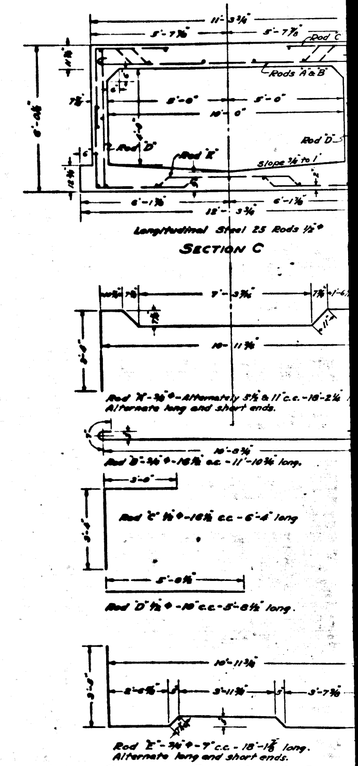


SECTION B



STANDARD RODS USED IN SECTION "B"

REINFORCED CONCRETE BOX 10'-0"x4'-0"
SECTION "B"-YUKON AVE. LINE.
STA. 10+40.97 TO 11+20.97
Scale: ½"=1'



SECTION C

STANDARD RODS USED IN SECTIO

Total Length-635 feet
Class A-1 Concrete 1.0407 cu. yds. per
Reinforcing Steel 133.2513 lbs. per ft.
Top slab cover 2' to 4'. Total load 1162
Dimensions to reinforcing steel refer to ce

REINFORCED CONCRETE BOX 10
SECTION "C"-YUKON AVE. LINE
STA. 42+00 TO 48+35
Scale: ½"=1'

CSB-1164-6
A 3 OF A 3

℄ Trim to this Line