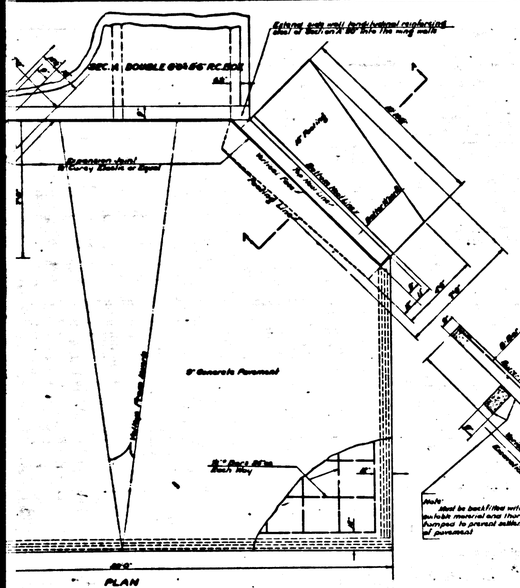
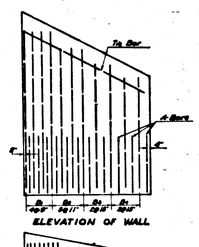
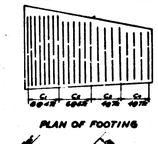
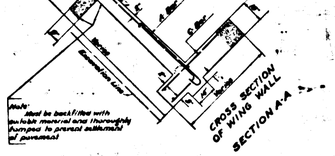
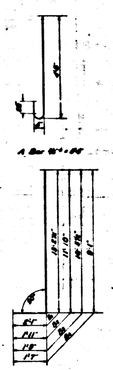


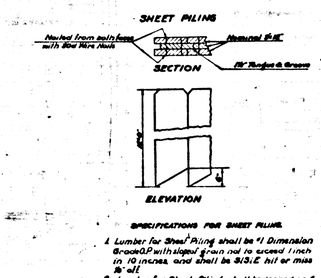






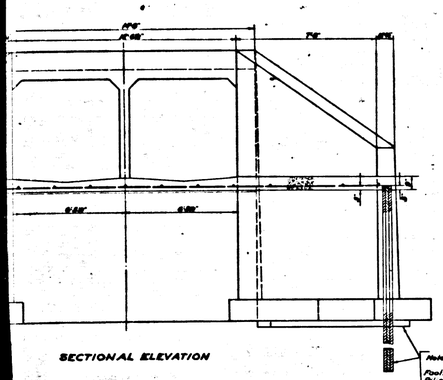


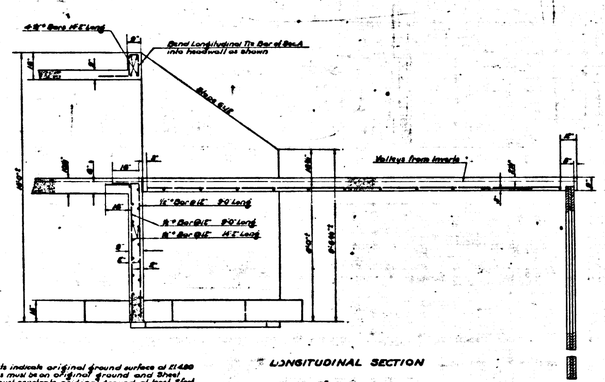
C1 Bar	18"x1"x6'6"			
C2	"	"	8'1"	
C3	"	"	4'7½"	
C4	"	"	4'5"	



SPECIFICATIONS FOR SHEET PILING.

1. Lumber for Sheet Piling shall be #1 Dimension Grade D.F. with sloped grain not to exceed 1 inch in 10 inches, and shall be S1S1E hit or miss fir all.
2. Lumber for Sheet Piling shall be incised on 4 faces and treated by means of the Full cell Process according to Standard Specification 46a of the American Wood Preservers Assn. using not less than 12 lbs. of preservative per cubic foot of lumber. Treatment shall be made before material is nailed together.
3. Preservative shall be Creosote-Grade 1 according to Standard Specification 47 of the American Wood Preservers Assn.





Note:
Rails indicate original ground surface at El. 480
Footings must be on original ground and Sheet Piling must penetrate original ground at least 5 feet.

STRUCTURE

Scale: 1/8" = 1'0"

Nº 1

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A1 OF A7

NOTE:

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

All Reinforced Concrete shall be Class 'A' Concrete unless otherwise specified.

Dimensions for depth of Reinforcing Steel are from face of concrete to center of bars.

Reinforcing Bars shall be round deformed bars of intermediate grade steel, unless otherwise specified, and at all splices shall be lapped 36 bar diameters.

Weep holes ¾ inch in diameter, spaced not more than 5 feet each way shall be placed in each sidewall unless otherwise specified.

For arrangement of Drain Tile under Box Sections see Standard Dc 49.

Note:
This set of Plans consists of Sheet Nº 1
" " Sheet Nº 2
" " 3A
" " 5

LOMITA BOULEVARD DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA.

DETAILS OF

BOX SECTIONS AND SPECIAL STRUCTURES

SHEET 5 OF 6 SHEETS

SCALE AS SHOWN — JULY 1940.

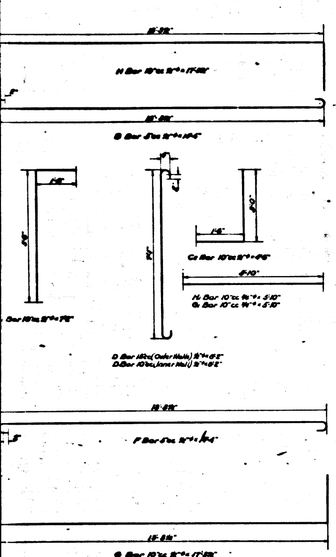
ALFRED JONES - COUNTY ENGINEER

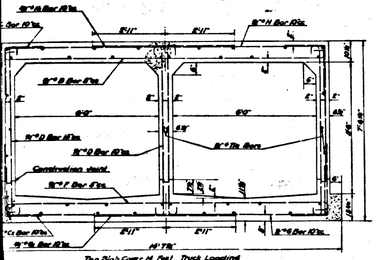
RECOMMENDED [signature] Chief Engineer — APPROVED [signature] County Engineer

THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS

REFERENCE			
Dwg. 3-4-41.	DESIGNED	V.A.KAUFMAN L.B.KNOX	JUNE 1940.
	TRACE D	W.F. BRUSHER	JULY 1940.
	CHECKED	L.B.KNOX V.A.KAUFMAN	JUNE 1940.

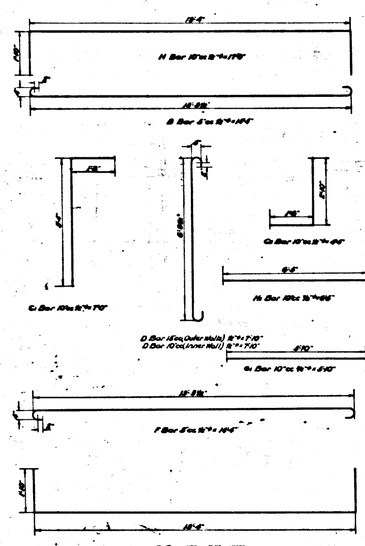
5

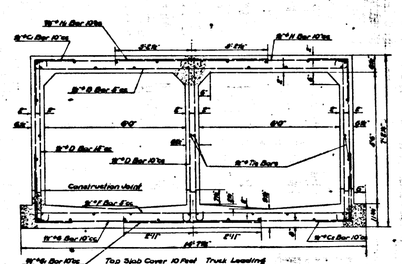




SECTION C
REINF. CONC. BOX 2-60"x56"
LOMITA TRUNK

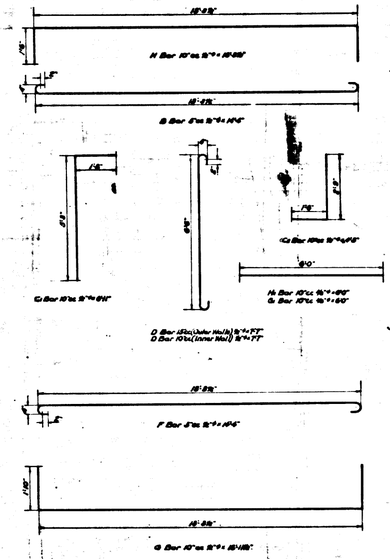
Scale: 1/8"=1'0"

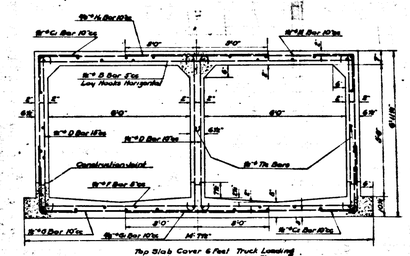




SECTION B
REINF. CONC. BOX 2-60"x56"
LOMITA TRUNK

Scale: 1/8"=1'0"

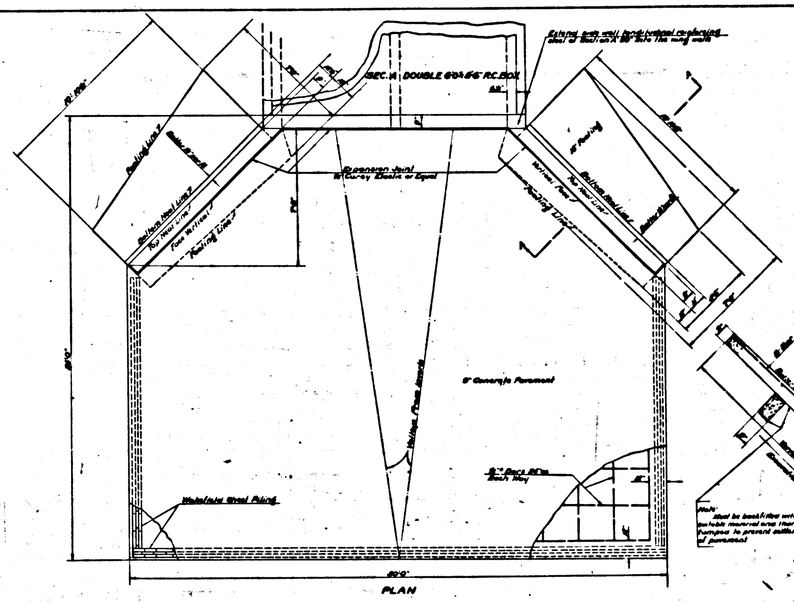




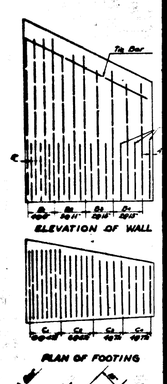
SECTION A
REINF. CONC. BOX 2-60"x56"
LOMITA TRUNK

Scale: 1/8"=1'0"

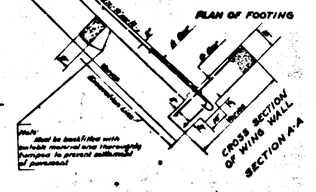
CSB-1165-5
A2OF A7



PLAN

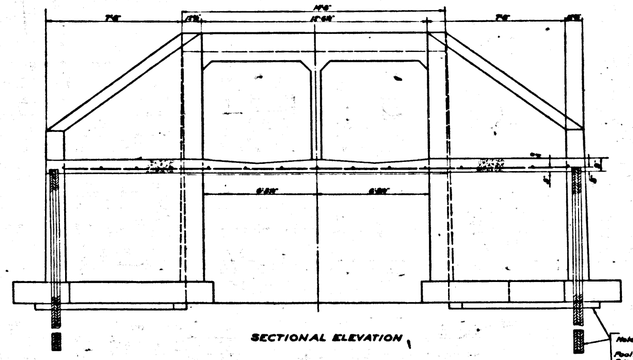


ELEVATION OF WALL

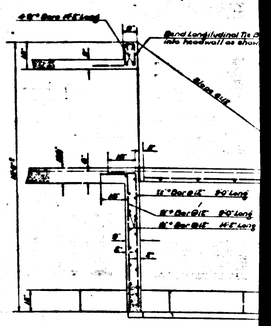


PLAN OF FOOTING

CROSS SECTION OF WING WALL
SECTION A-A

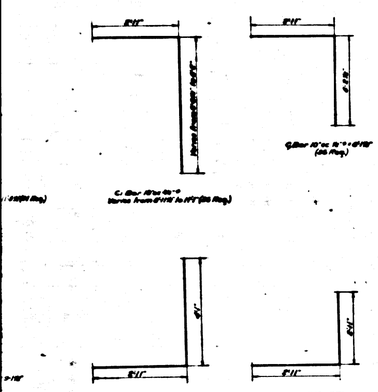


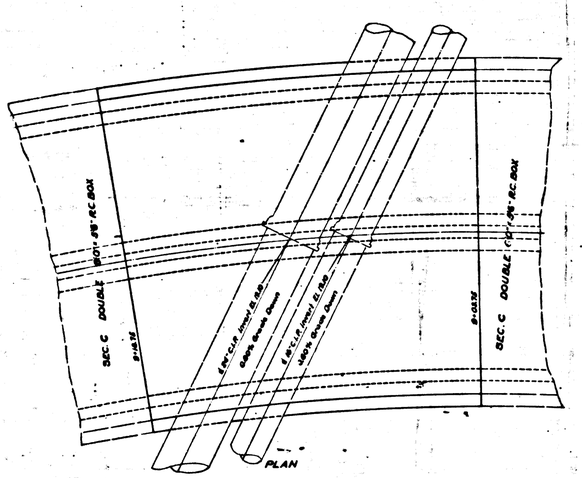
SECTIONAL ELEVATION

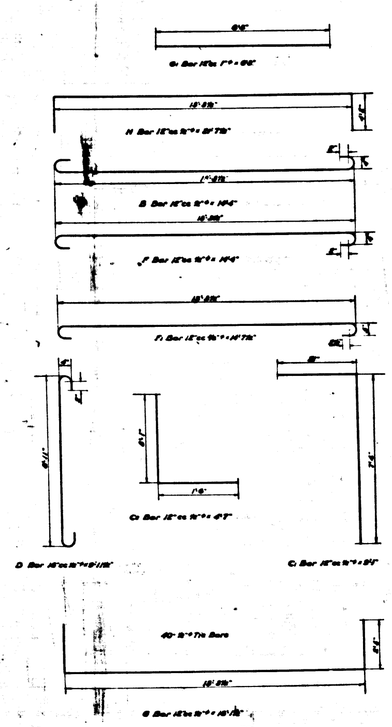


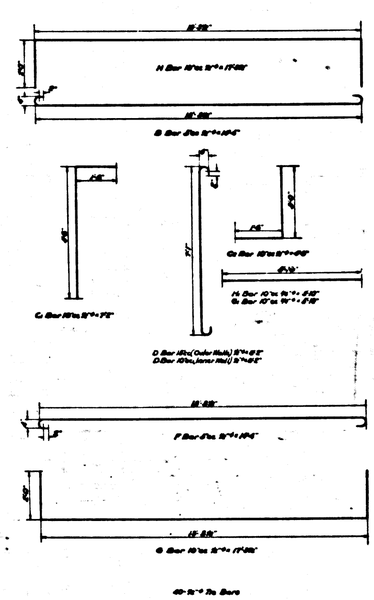
SPECIAL STRUCTURE

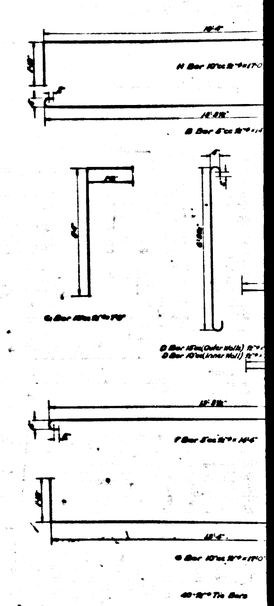
Scale: 1/8"=1'0"

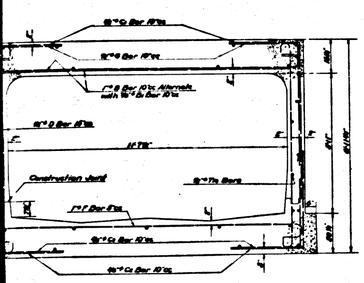






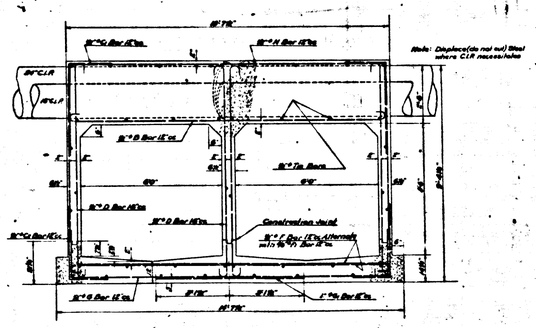






SECTION B-B

Nº3



TRANSVERSE SECTION

SPECIAL

STRUCTURE

LOMITA TRUNK

Scale: 1/4"=1'0"

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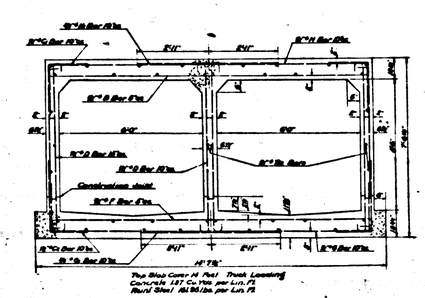
A3 OF A7

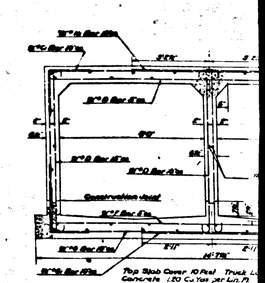
Nº2



SECTION C

REINF. CONC. BOX 2'-6"0"x 5'6"

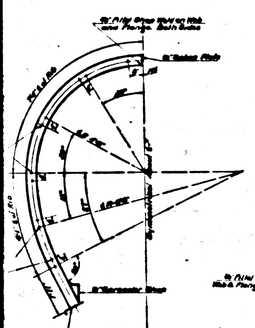
LOMITA TRUNK



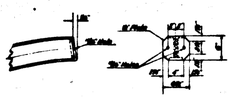
SECTION B

REINF. CONC. BOX 2'-

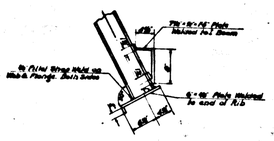
LOMITA TRUNK



DETAILS OF STEEL RIB

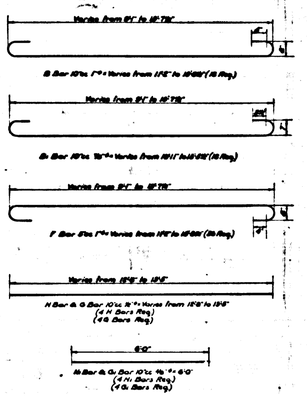


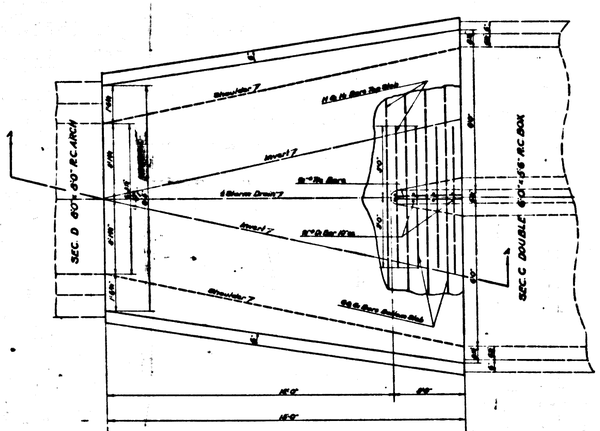
SPLICE PLATE



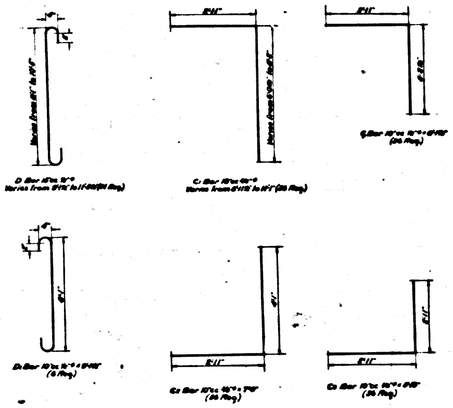
DETAIL OF SPREADER SHOE AND BASE PLATE

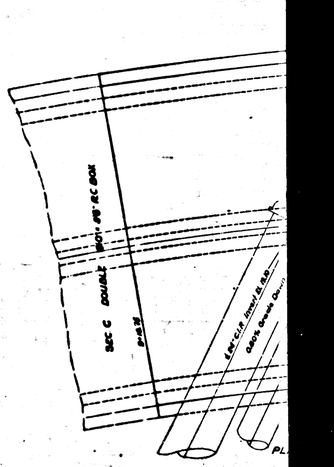
Note:
Steel Rib supports shall be set at 4'0" o.c. unless otherwise directed by the Engineer of Construction

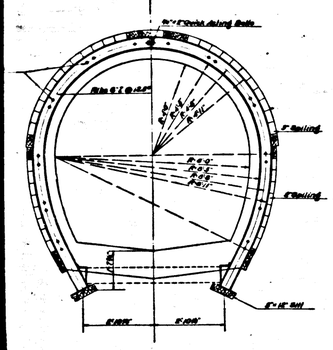


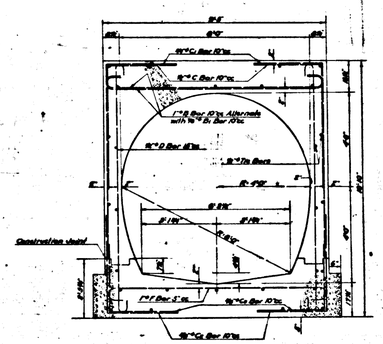


PLAN

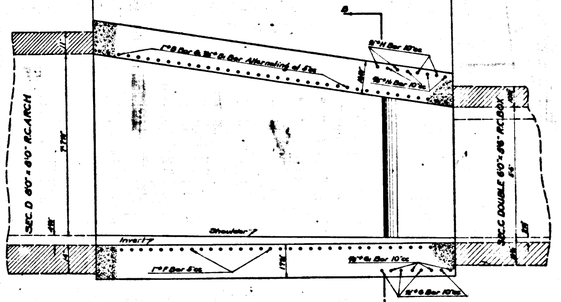




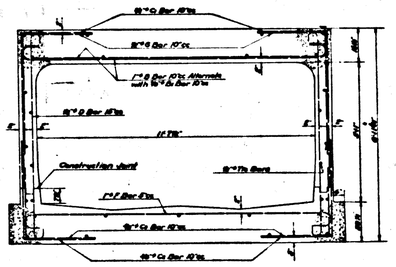




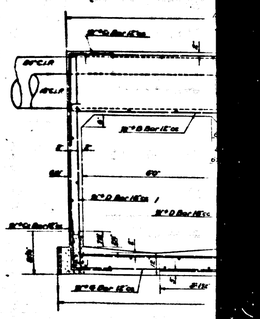
END SECTION



SECTION A-A



SECTION B-B

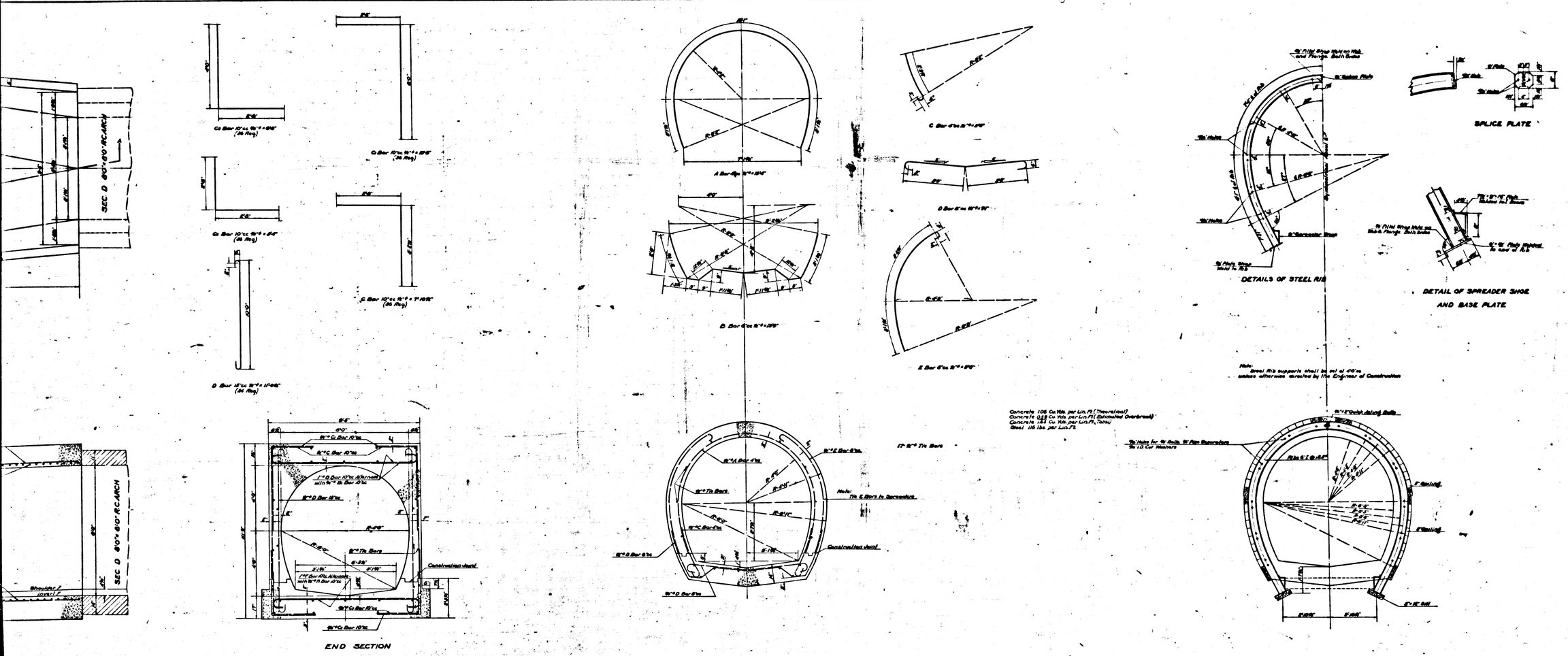


SPECIAL STRUCTURE

LOMITA TRUNK

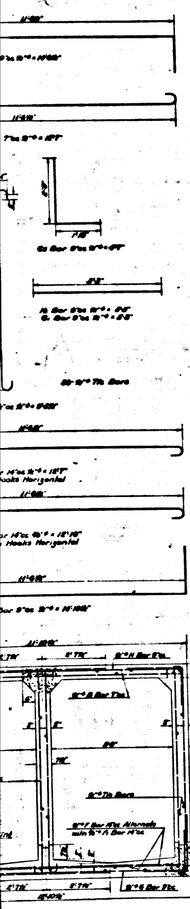
CSB-1165-5
A4 OF A7

N93



Nº 4

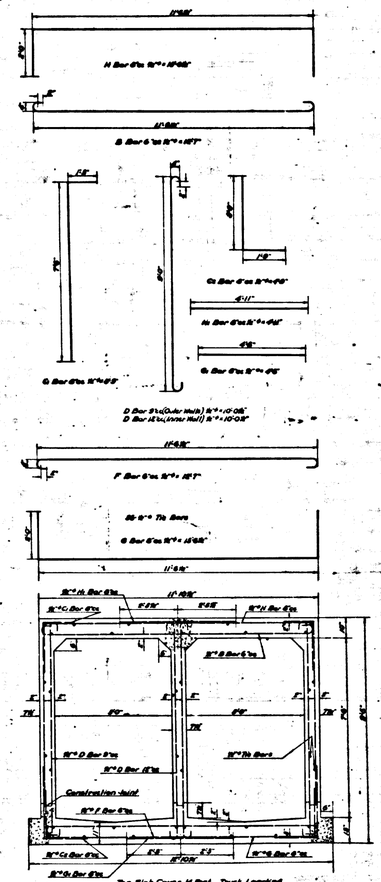
CSB-1165-5
A5 OF A7



Slab Cover 6 Feet Truck Loading
Concrete 118 Cu Yds per Lin Ft
Steel 14511 lbs per Lin Ft

SECTION F
REINF CONC BOX 2-5'0"x7'6"
LOMITA TRUNK

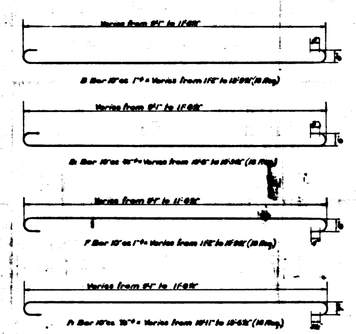
Scale: 1/4"=1'0"

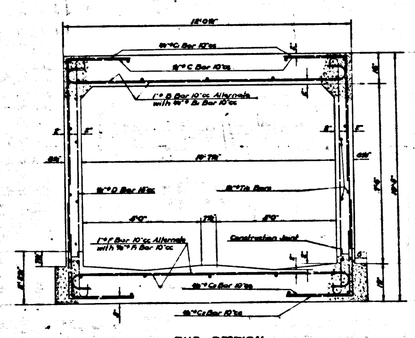


Top Slab Cover 4 Feet Truck Loading
Concrete 189 Cu Yds per Lin Ft
Round Steel 18461 lbs per Lin Ft

SECTION E
REINF CONC BOX 2-5'0"x7'6"
LOMITA TRUNK

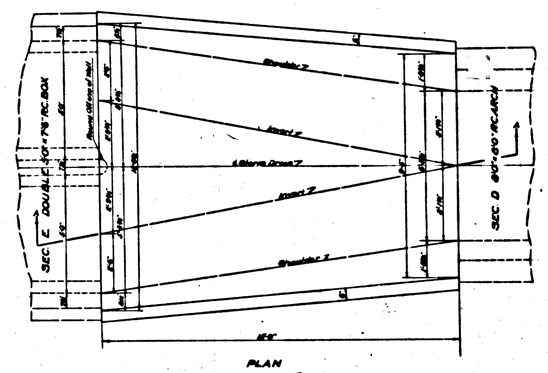
Scale: 1/4"=1'0"



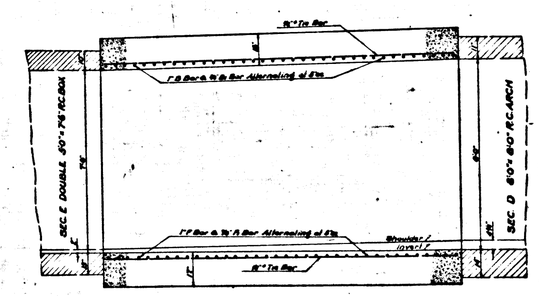


END SECTION

SPECIAL



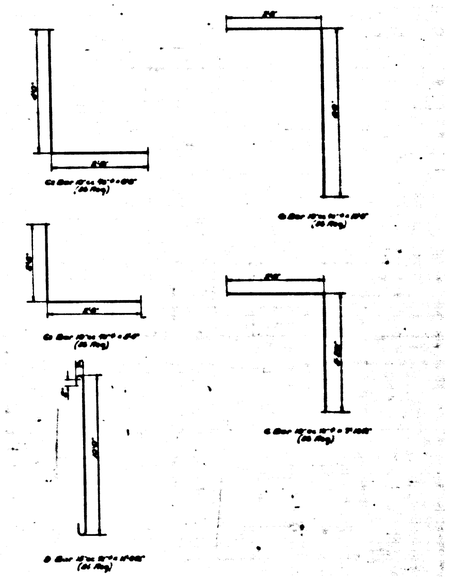
PLAN

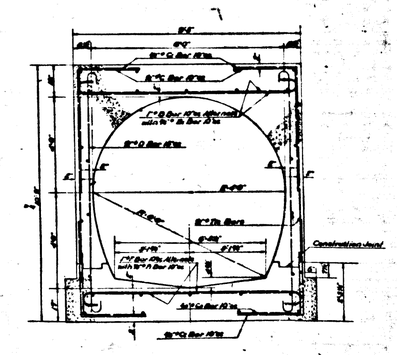


SECTION AA

STRUCTURE
LOMITA TRUNK

Scale: 1/4"=1'0"

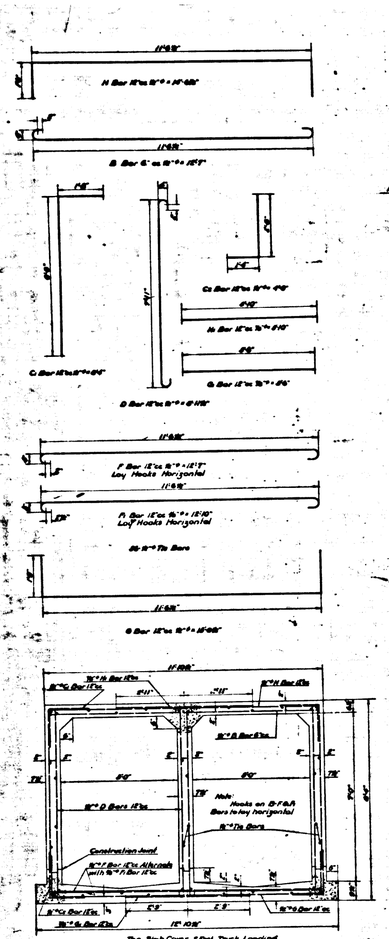




END SECTION

Nº 4

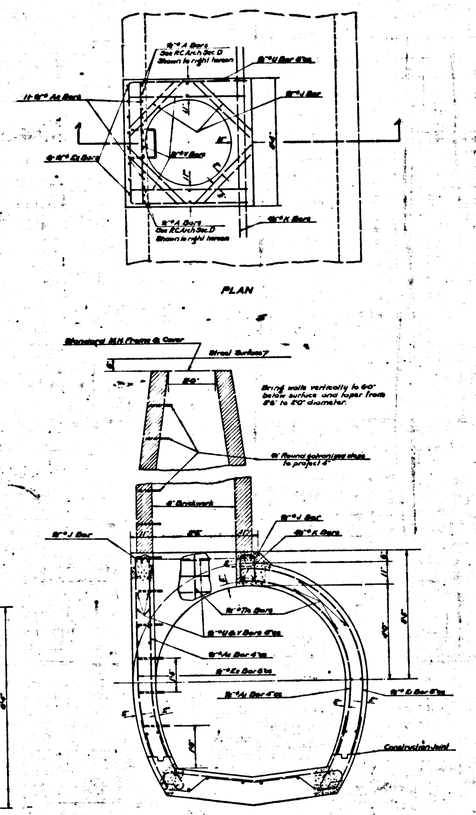
CSB-1165-5
A 6 OF A 7



Top Slab Cover 6 Feet Truck Loading
Concrete 108 Cu Yds per Lin Ft
Reinf Steel 146.96 lbs per Lin Ft

SECTION G
REINF CONC BOX 2-50'x10'
LOMITA TRUNK

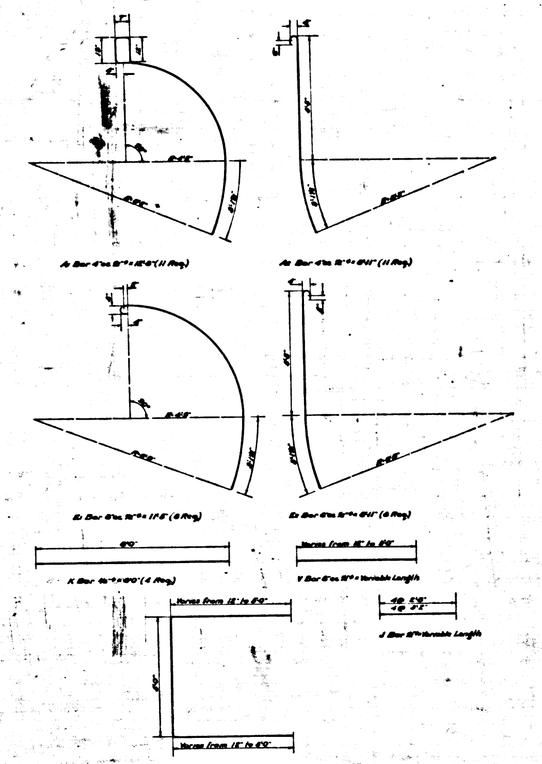
Scale: 1"=10'



PLAN

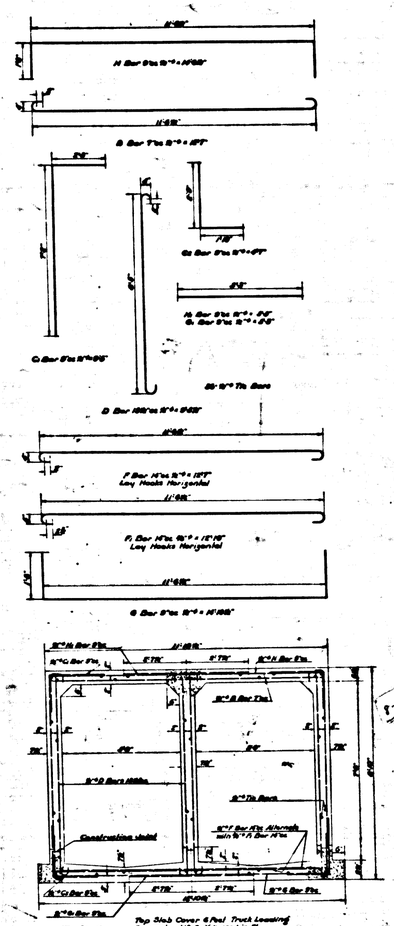
SECTION A-A

SPECIAL



STRUCTURE
LOMITA TRUNK

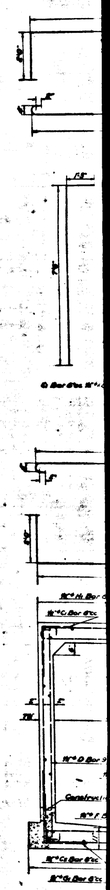
Scale: 1"=10'



Top Slab Cover 6 Feet Truck Loading
Concrete 118 Cu Yds per Lin Ft
Reinf Steel 140.11 lbs per Lin Ft

SECTION F
REINF CONC BOX 2-50'x7'6"
LOMITA TRUNK

Scale: 1"=10'



Nº 5'

CSB-1165-5

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