

NOTES:

Elevations are in feet above U.S.O.S. or mean Sea Level Datum. Elevations of all Lateral Inlets refer to the intersection of the inlet of the Lateral with the inside face of the main drain or structure.

Stations of all Connector Pipe Inlets refer to the intersection of the carrier line of the connector pipe with the inside face of the main drain or structure. Bring connector pipes in radially to pipe drains where structures are not designated.

Connector Pipes in Box Sections shall be laid in conjunction with Junction Structure No. 1 (Standard D. 35) unless otherwise specified, by the Engineer of Construction.

All Pipe not otherwise specified shall be Standard Strength Cement Concrete Pipe.

For structures marked SPEC. STR. No., see structural details on Special Structure Sheet.

For structures marked SECTION, see structural details on Box Section Sheet.

All structures not otherwise specified are Standard Structures. See details on Standard Plans.

For details of Cement Concrete for Reinforced Concrete Arch Section see Standard D. 33.

For details of Reinforcing Steel for Reinforced Concrete Arch Section see Standard D. 60.

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

Elevations shown of catch basins refer to top of proposed curb, of center line of basin if one elevation is given or of inside of basin if two elevations are given.

Sanitary Sewers crossing over or with a clearance of 150 feet or less under Storm Drain shall be constructed or reconstructed or shown on Standard D. 36 except as otherwise specified on detail Sheet Plans.

LOMITA BOULEVARD DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA
PLAN AND PROFILE OF

LOMITA TRUNK
STA. 130+10 TO STA. 132+51.94
CULVERT STUB
CYPRESS STREET BRANCH
STA. 43+70 TO STA. 67+86
SHEET 4 OF 8 SHEETS

DECEMBER 1935
ALFRED JONES COUNTY SURVEYOR
RECOMMENDED *[Signature]* APPROVED *[Signature]*

| REFERENCE | | | |
|-----------|-----|----------|------------------------|
| P.B. | 365 | DESIGNED | J.H. HARTLEY JULY 1935 |
| L.B. | 779 | TRACED | J.H. RICE AUG. 1935 |
| | | CHECKED | R.L. GREGORY AUG. 1935 |

①

SHEET NO. 4 OF 8 SHEETS
CONTRACT NO. 1118

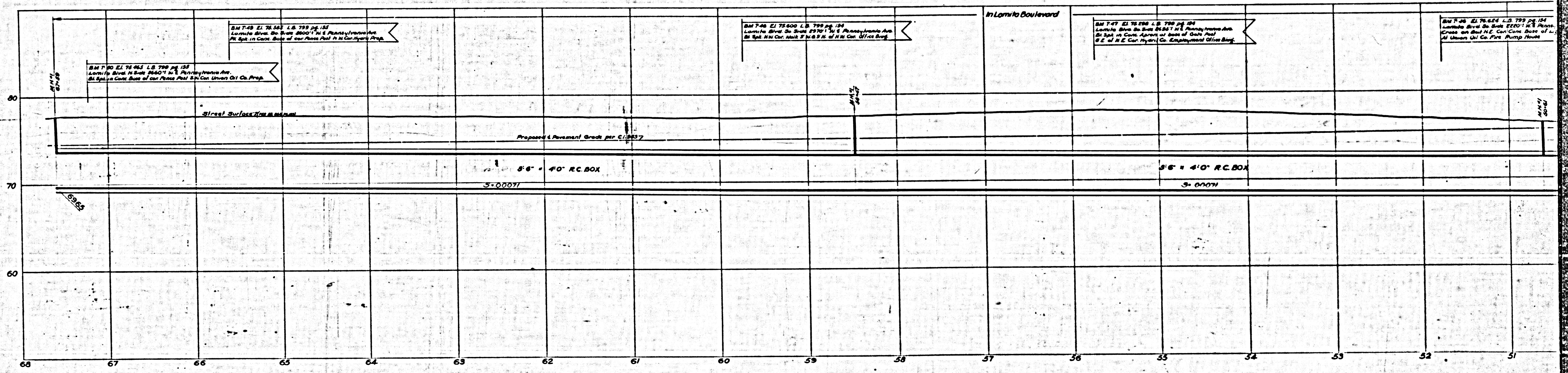
13711. T-50 Elev. 75.465 L.S. 7499.135
Lomita Blvd. N. 21° 36' 0" W E. Pennsylvania Ave.
177' Spk. in case base of Cor. Fr. Post N.W. Cor. Hydril Prop.

13711. T-49 Elev. 75.575 L.S. 7499.135
Lomita Blvd. S. 21° 36' 0" W E. Pennsylvania Ave.
177' Spk. in case base of Cor. Fr. Post N.W. Cor. Hydril Prop.

13711. T-48 Elev. 75.600 L.S. 7499.135
Lomita Blvd. S. 21° 36' 0" W E. Pennsylvania Ave.
177' Spk. in case base of Cor. Fr. Post N.W. Cor. Hydril Prop.

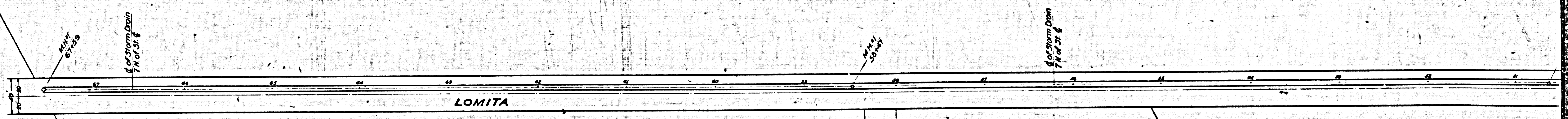
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Lomita Blvd. S. 21° 36' 0" W E. Pennsylvania Ave.
177' Spk. in case base of Cor. Fr. Post N.W. Cor. Hydril Prop.

13711. T-46 Elev. 75.625 L.S. 7499.135
Lomita Blvd. S. 21° 36' 0" W E. Pennsylvania Ave.
177' Spk. in case base of Cor. Fr. Post N.W. Cor. Hydril Prop.



INDEX
 Lines shown on this sheet
 showing from left to right
PLAN AND PROFILE
 CYPRESS STREET BRANCH
 Sta. 63+70 to Sta. 67+39
 Y- CULVERT TUB
 LOMITA TRUNK
 Sta. 130+10 to Sta. 132+51.04

B. S. WESTON
D.M. 754-171



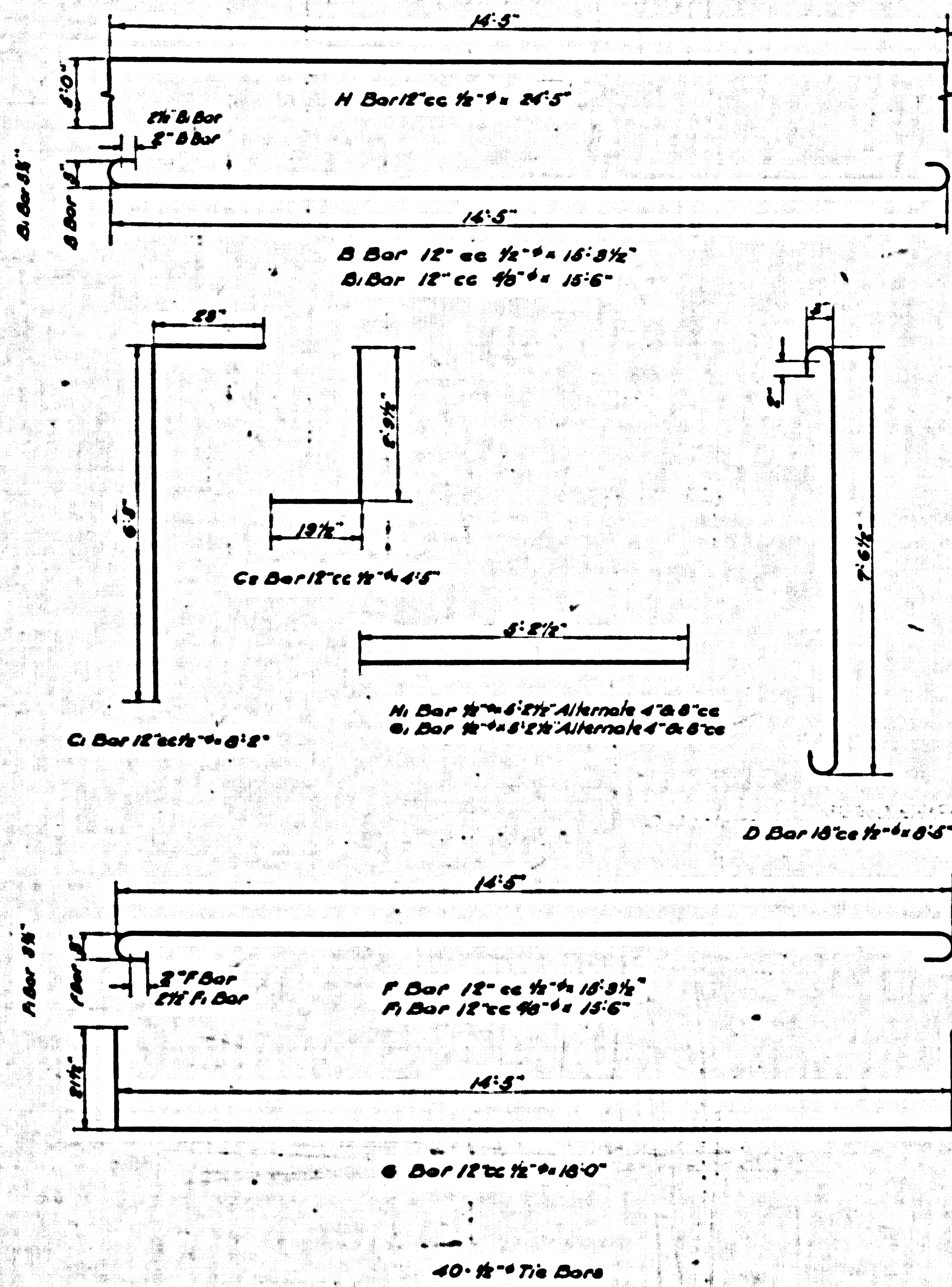
B. S. WESTON
D.M. 754-171

CYPRESS

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A6 OF A6

STREET

SHEET NO. 4 OF 8 SHEETS
CONTRACT NO. 1118



NOTES:

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

All Cement Concrete shall be Class 'A' 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 Billet Steel or Rail Steel unless otherwise specified, and at all splices shall be lapped 36 bar diameters.

Weep Holes 1/4 inch in diameter spaced not more than 3 feet each way shall be placed in each side wall of structure unless otherwise specified.

For arrangement of Drain Tile under Structures see Standard Dc-49, and for details of windows in interior walls of multiple Box Sections see Standard Dc-48.

**LOMITA BOULEVARD
DRAINAGE SYSTEM**
OF THE COUNTY OF LOS ANGELES CALIFORNIA

**DETAILS OF
BOX SECTIONS AND SPECIAL STRUCTURES**

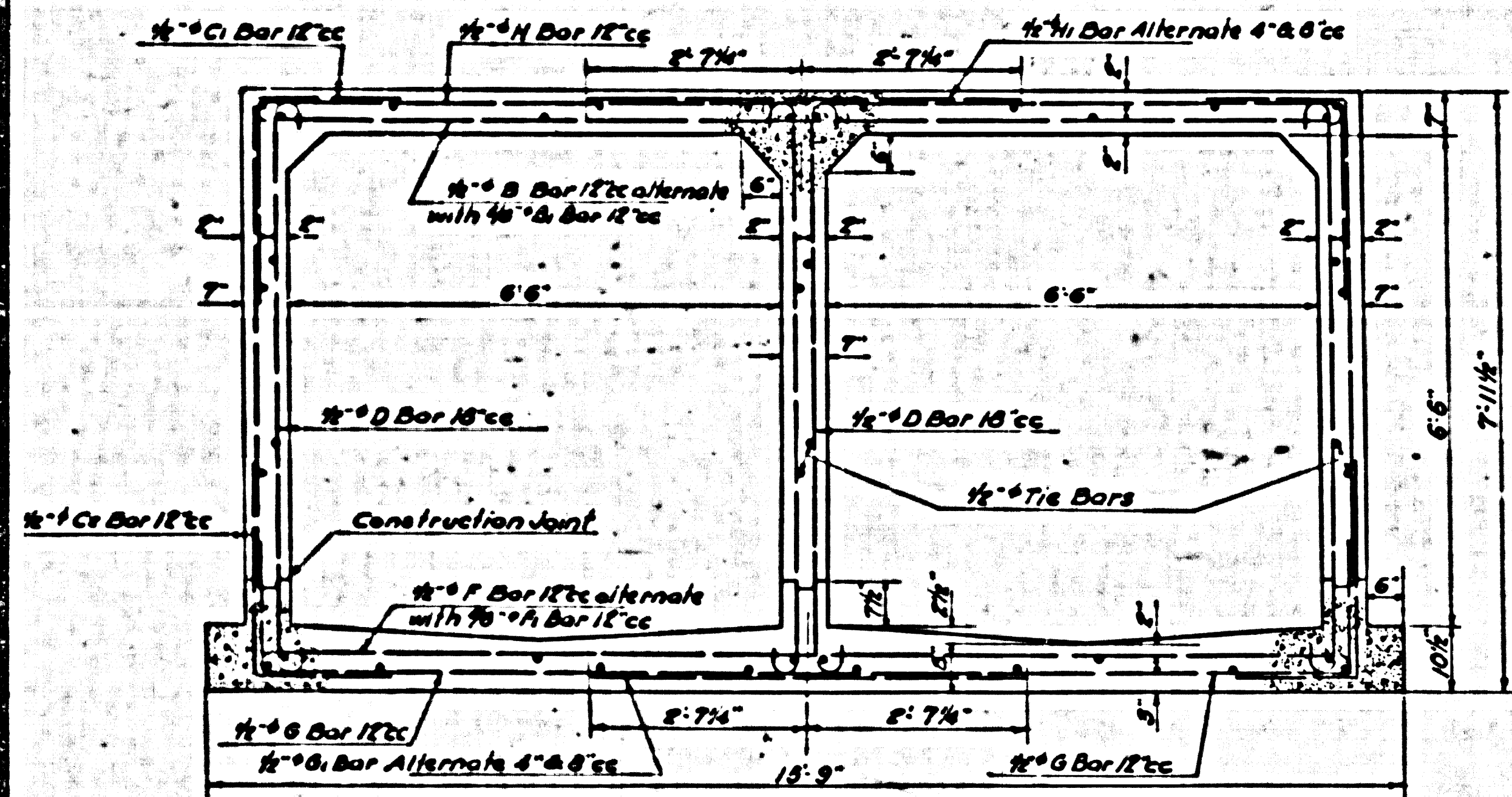
SHEET 4A OF 8 SHEETS
SCALE AS SHOWN OCT. 1943.
ALFRED JONES - COUNTY ENGINEER

RECOMMENDED: *[Signature]* CHIEF DESIGNER
APPROVED: *[Signature]* COUNTY ENGINEER

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

| REFERENCE | DESIGNED | C.H. GREEN WAKAUFMAN | OCT. 43. |
|-----------|----------|-------------------------|----------|
| | TRACED | W.F. BRUSH | OCT. 43. |
| | CHECKED | J.H. RICE | OCT. 43. |

4A



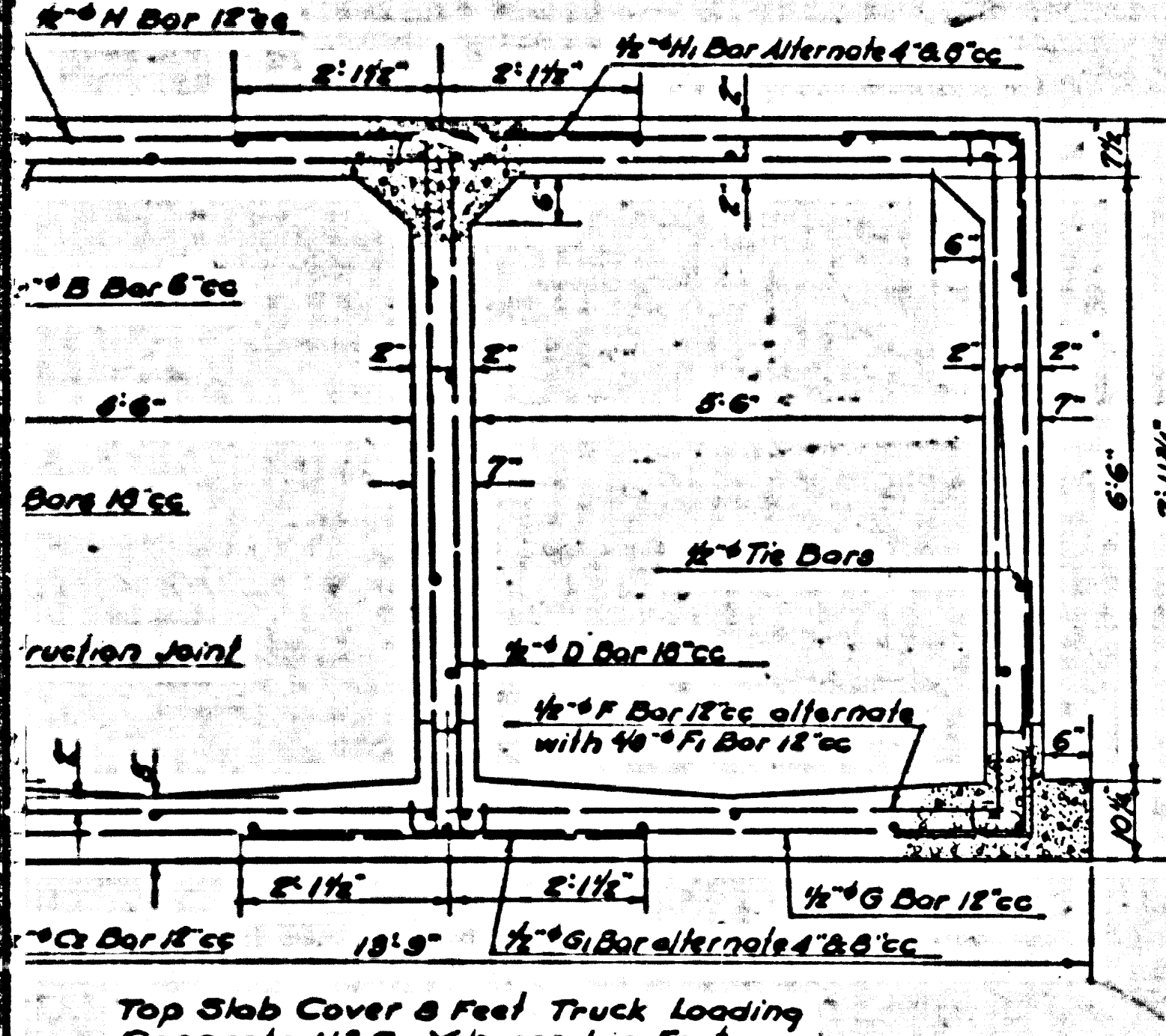
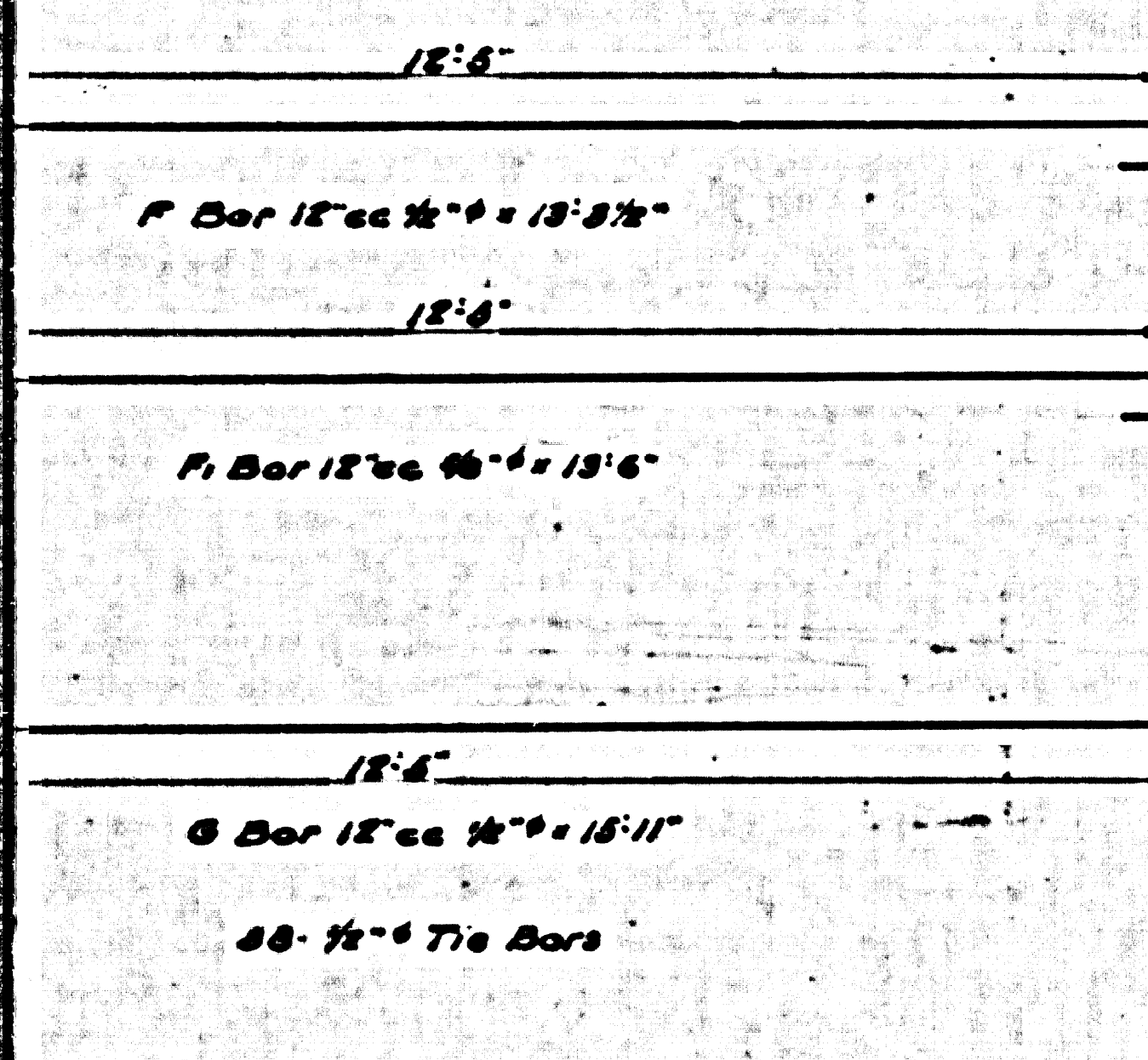
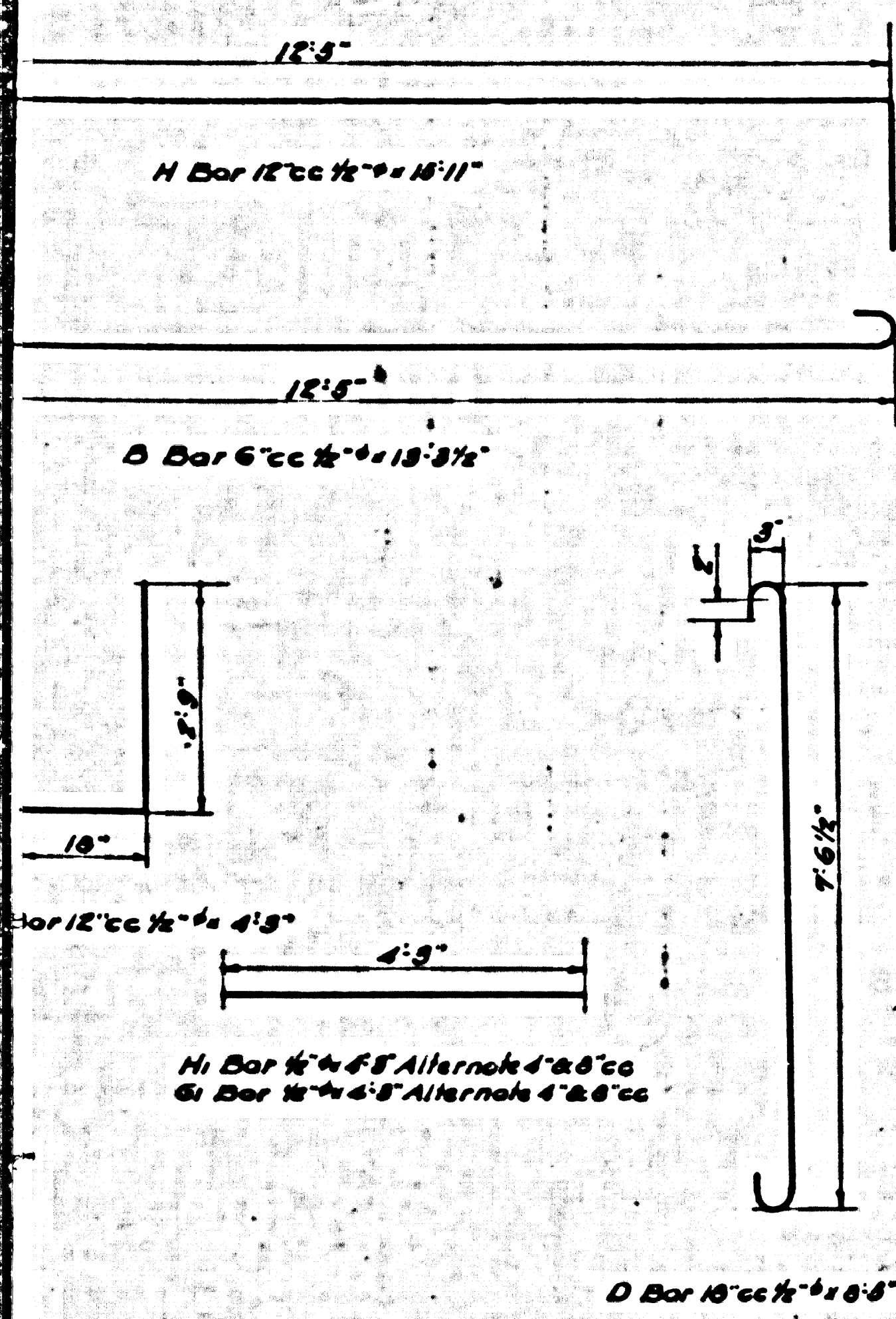
**SECTION H
REINF. CONG. BOX 2'-6" x 6'-6"**
LOMITA TRUNK

Top Slab Cover 8 Feet Thick Loading Concrete 175 Cu. Yds per Lin. Foot Reinf. Steel 184 lbs. per Lin. Foot

Scale: 1/8" = 1'-0"

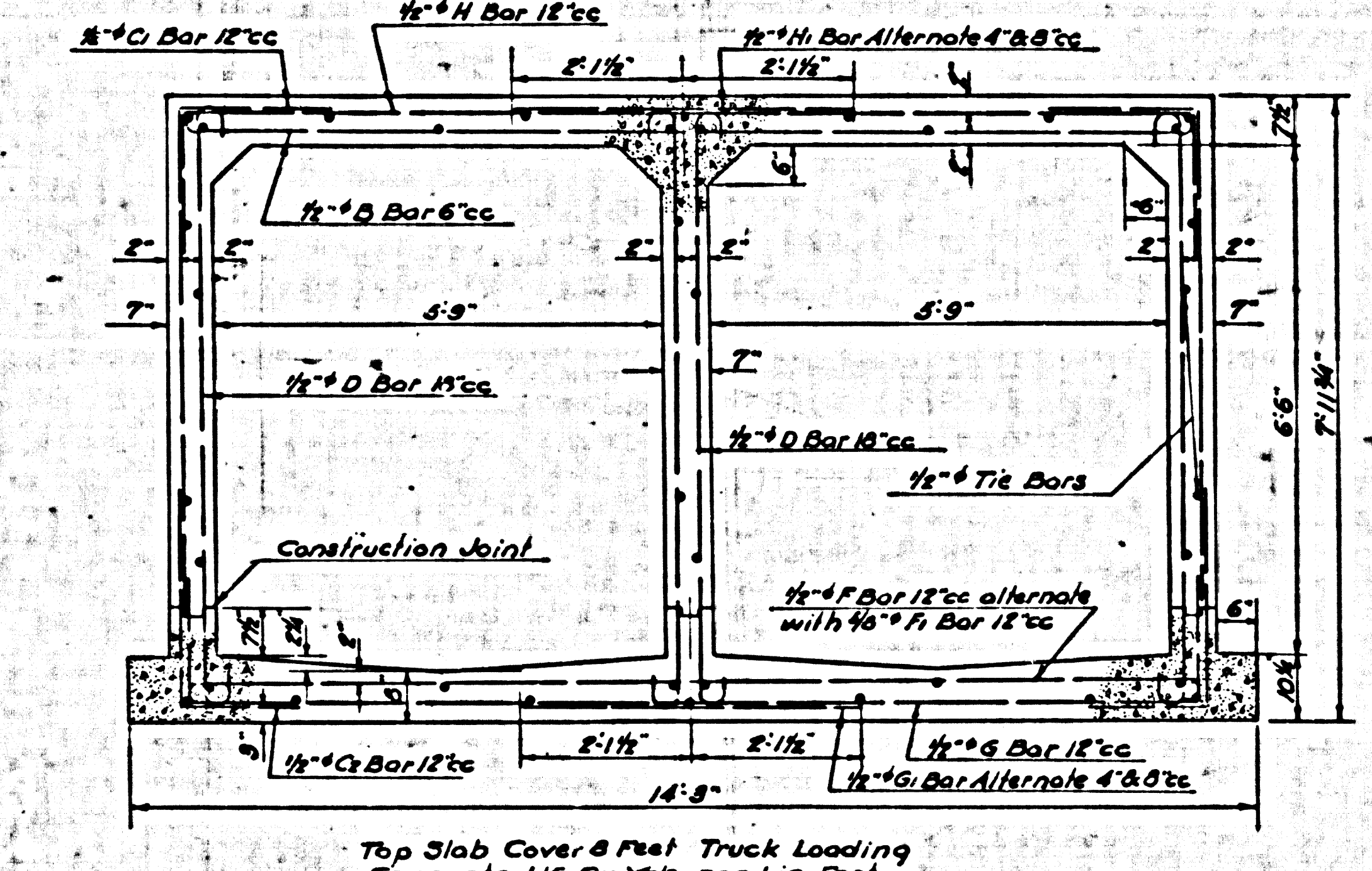
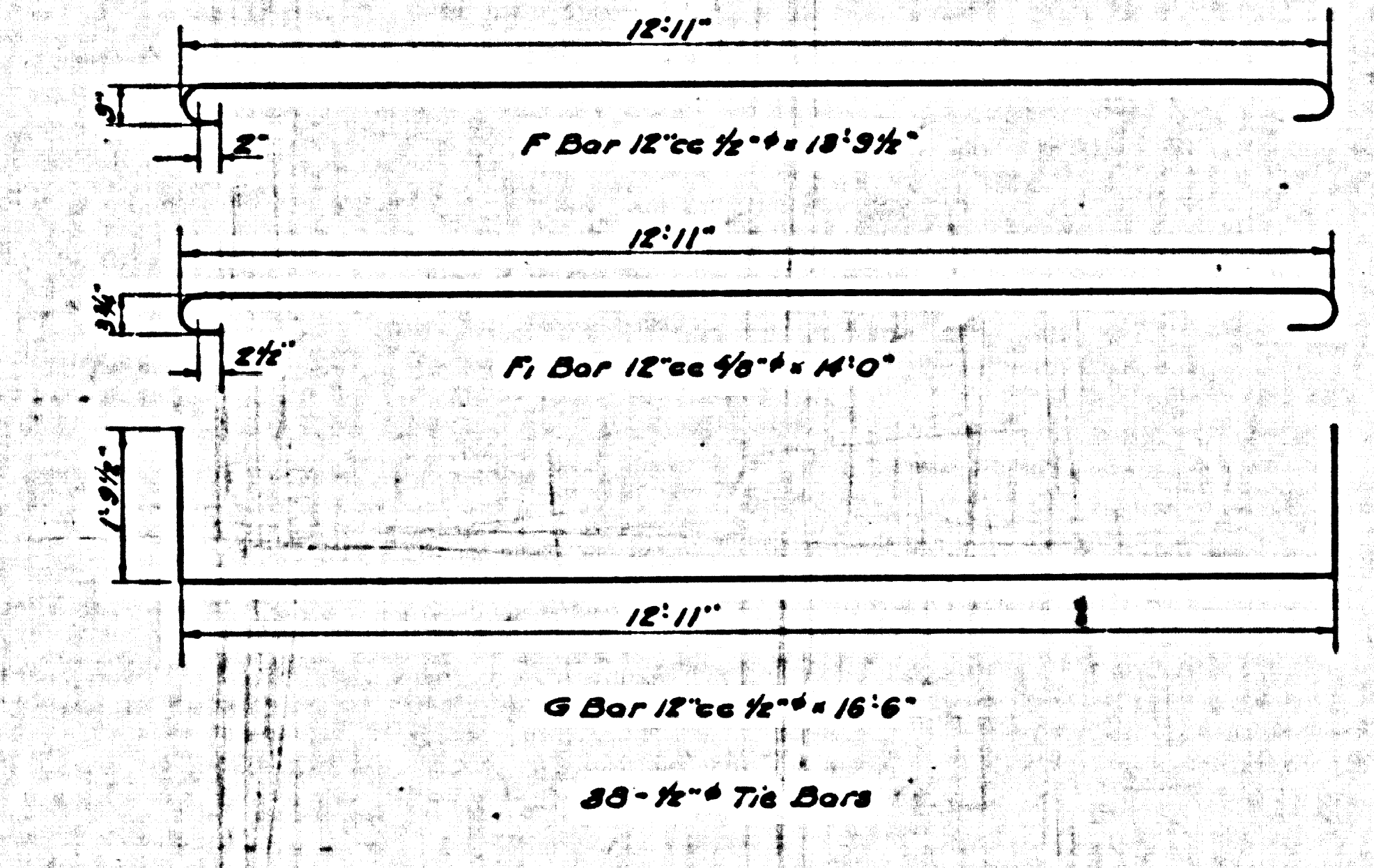
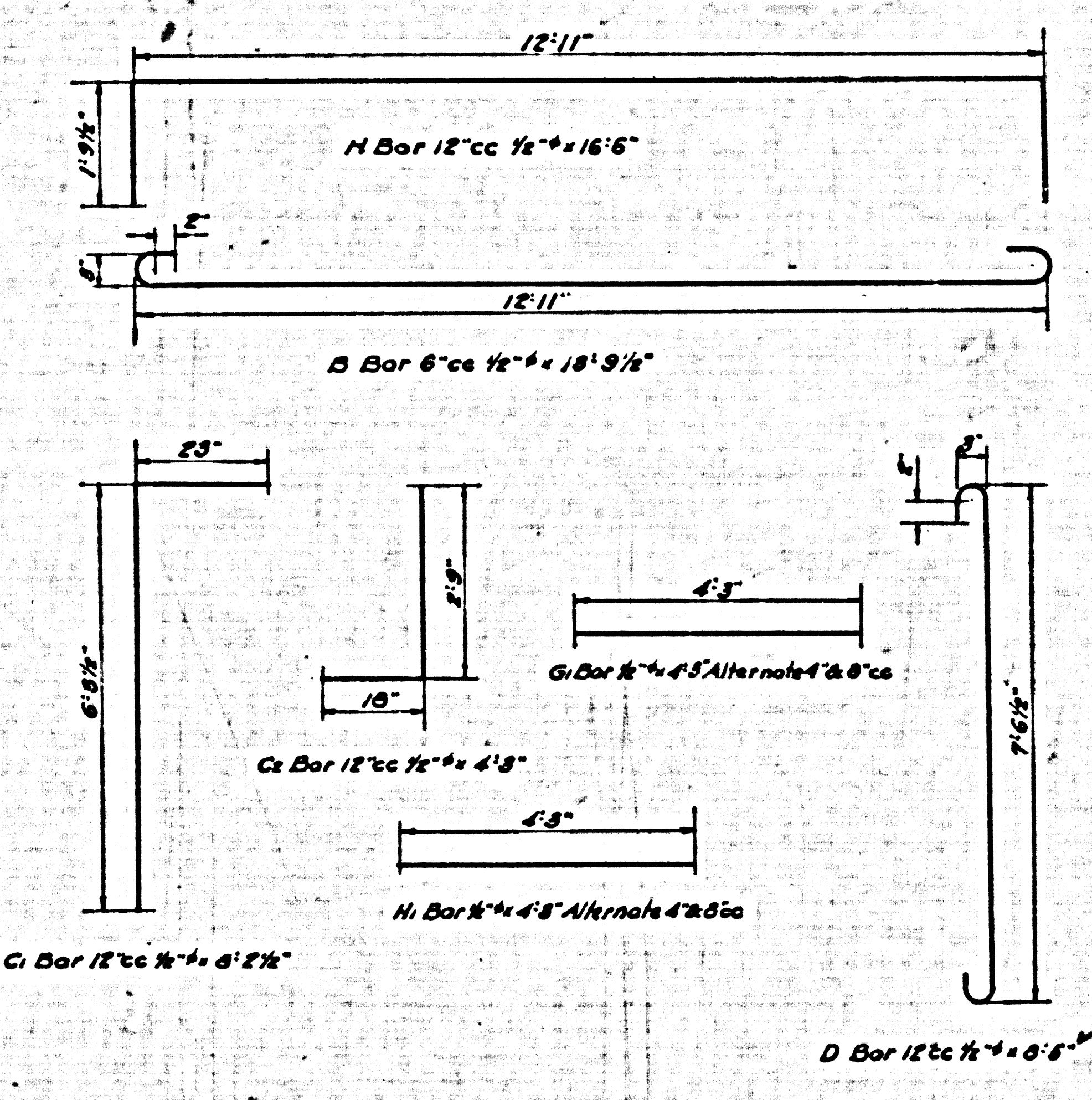
Note: This set of Plans consists of: Sheet No. 1
2-A
3-A
4-A
5

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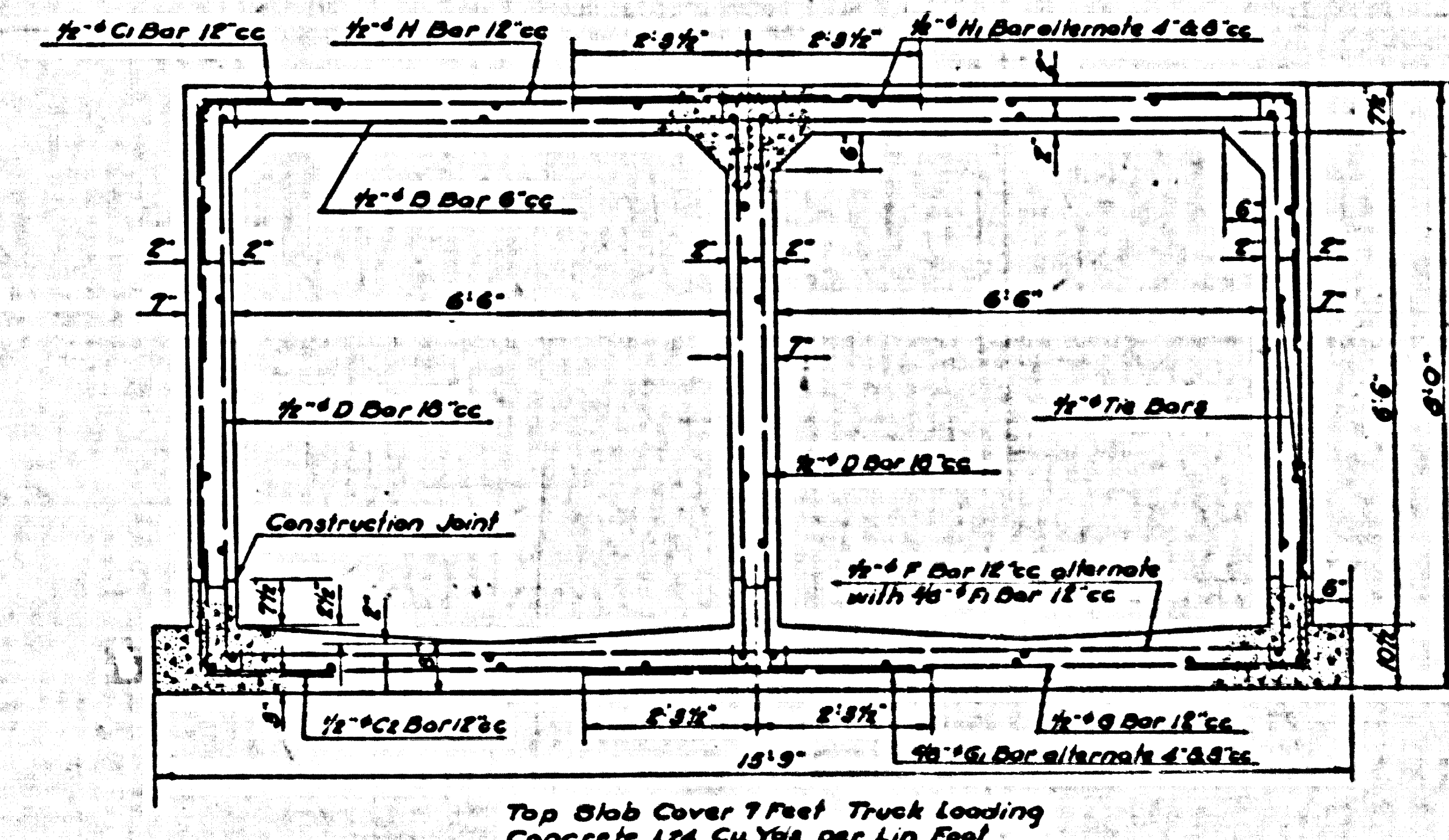
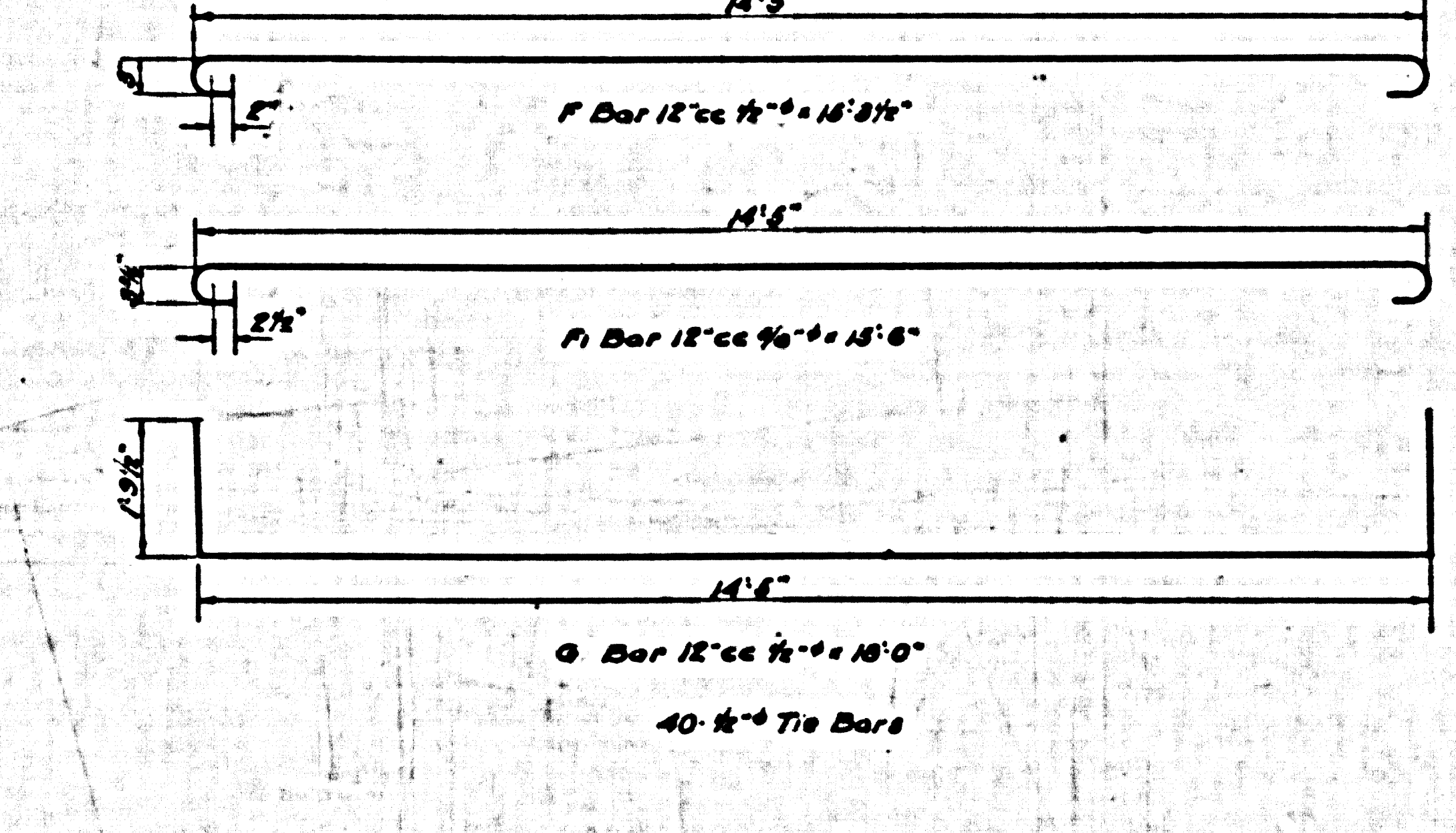
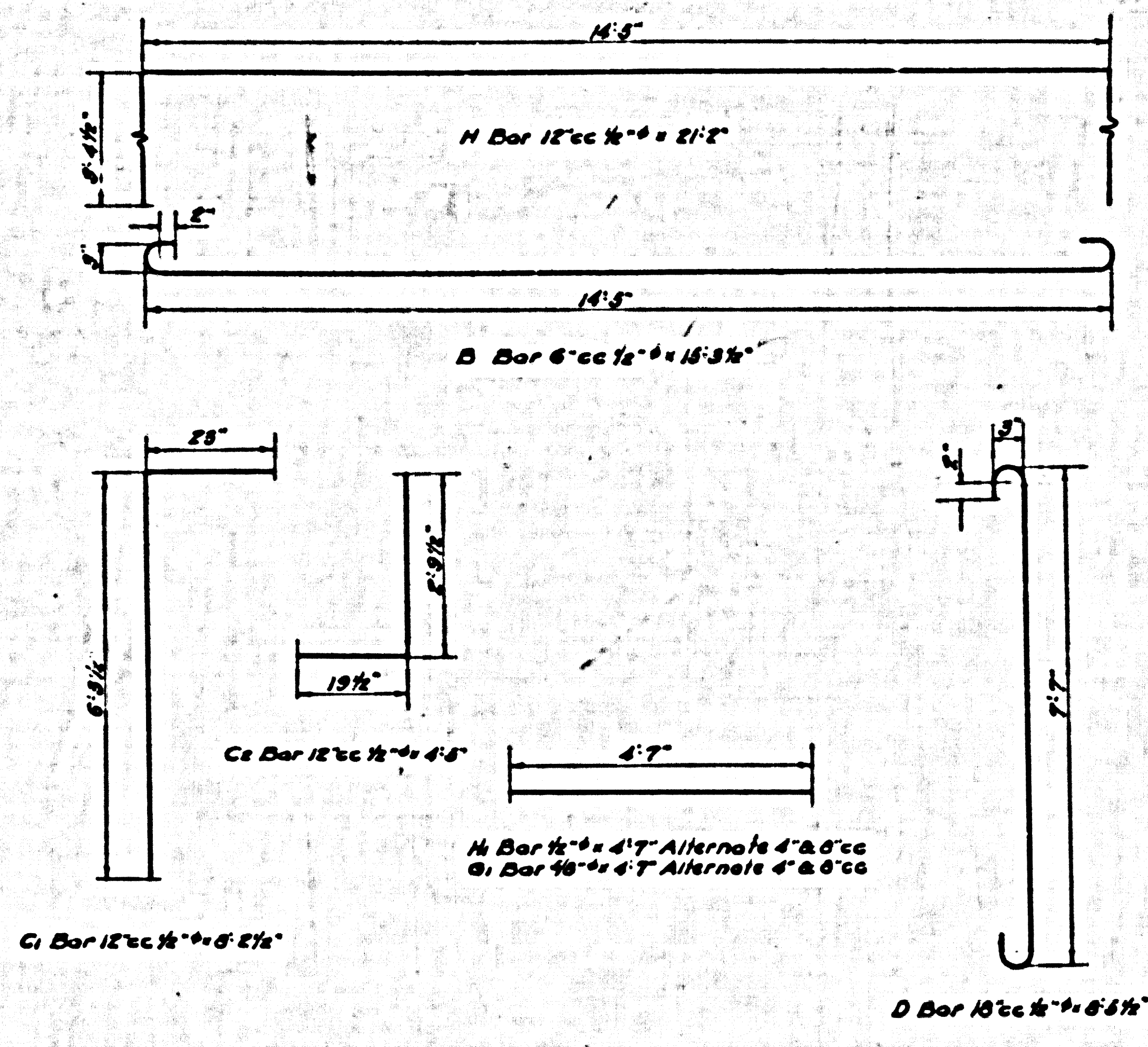
SECTION K
REINF. CONC. BOX 2'-5\"/>

Scale: 1/4\"/>



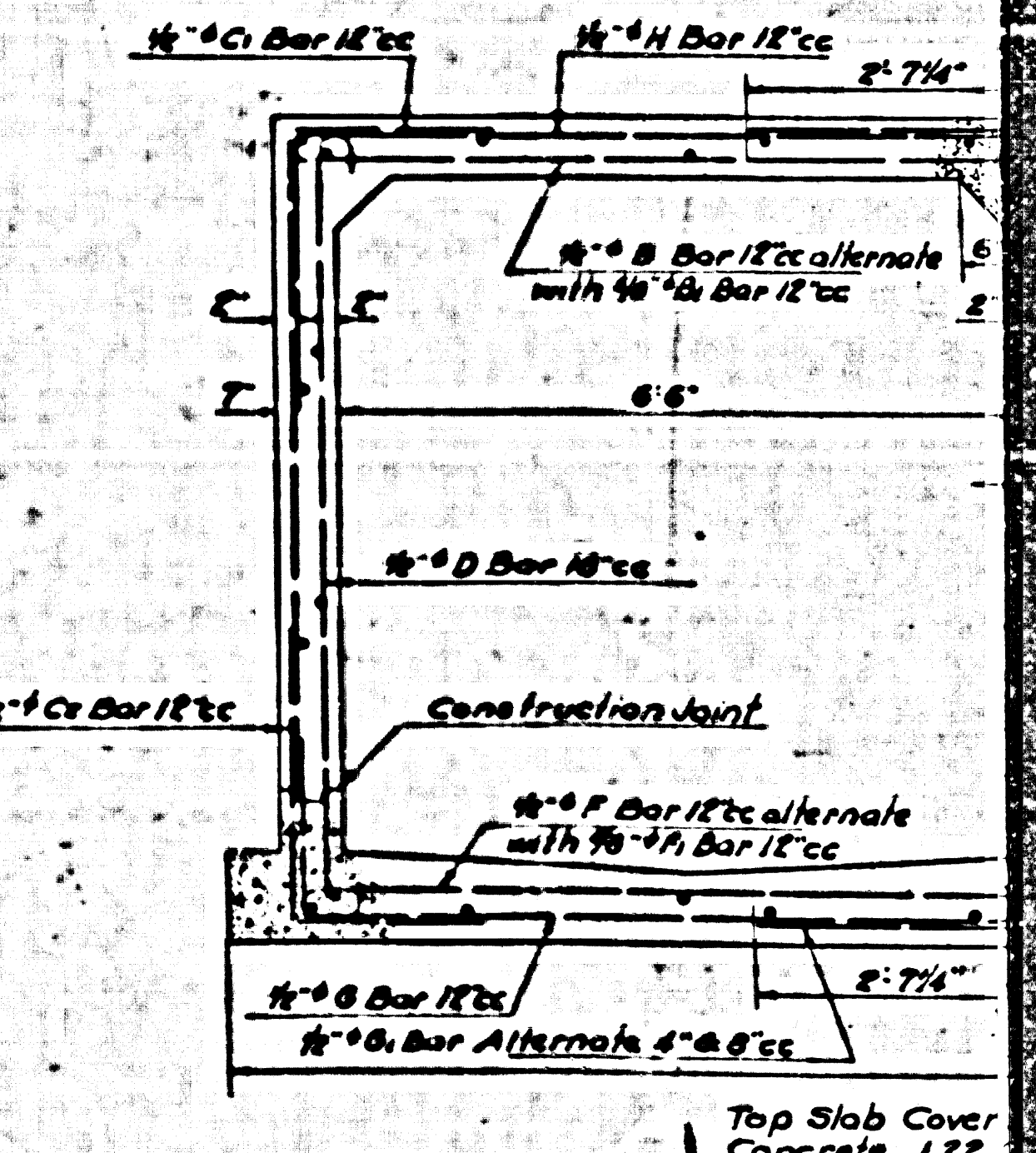
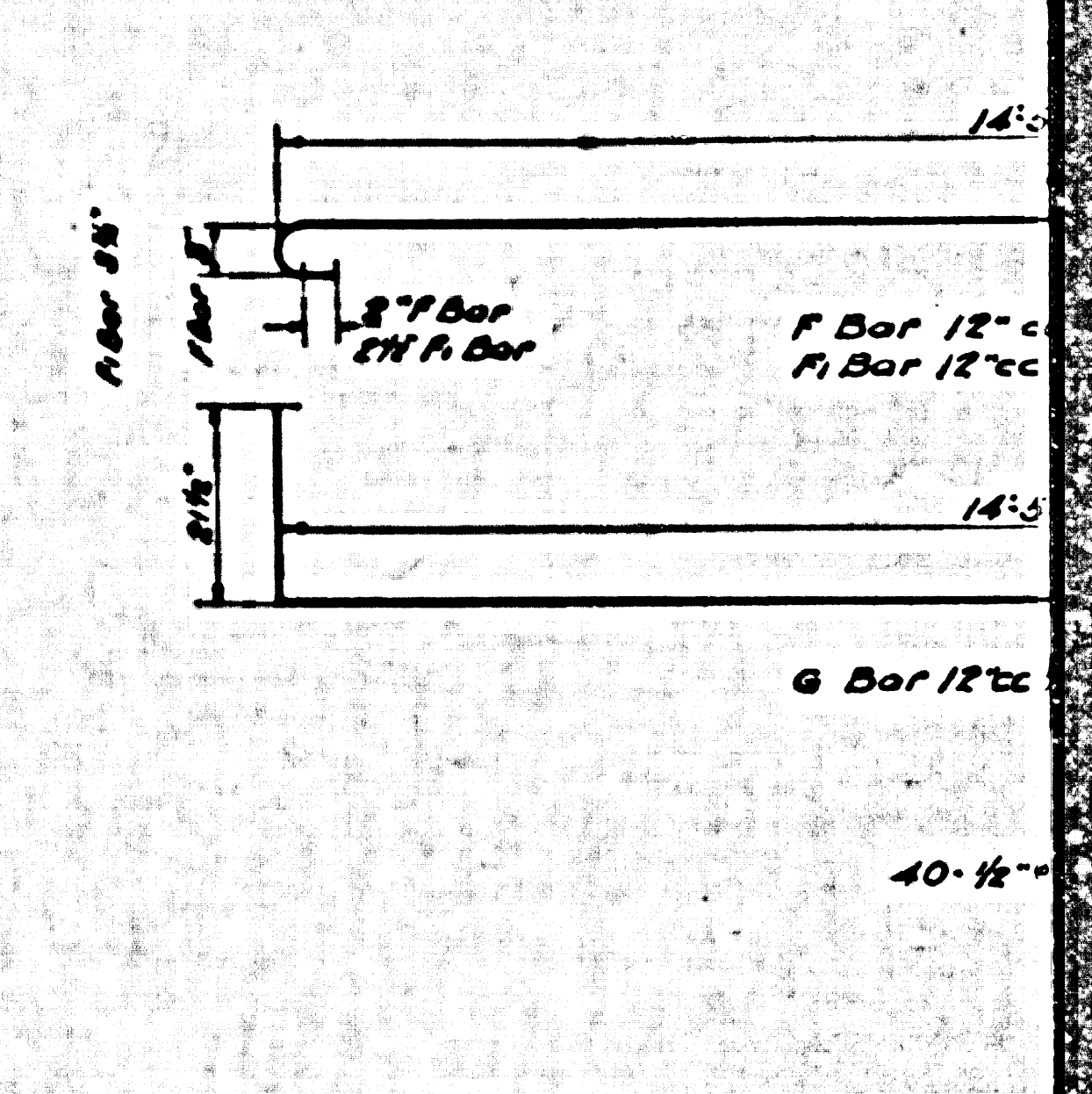
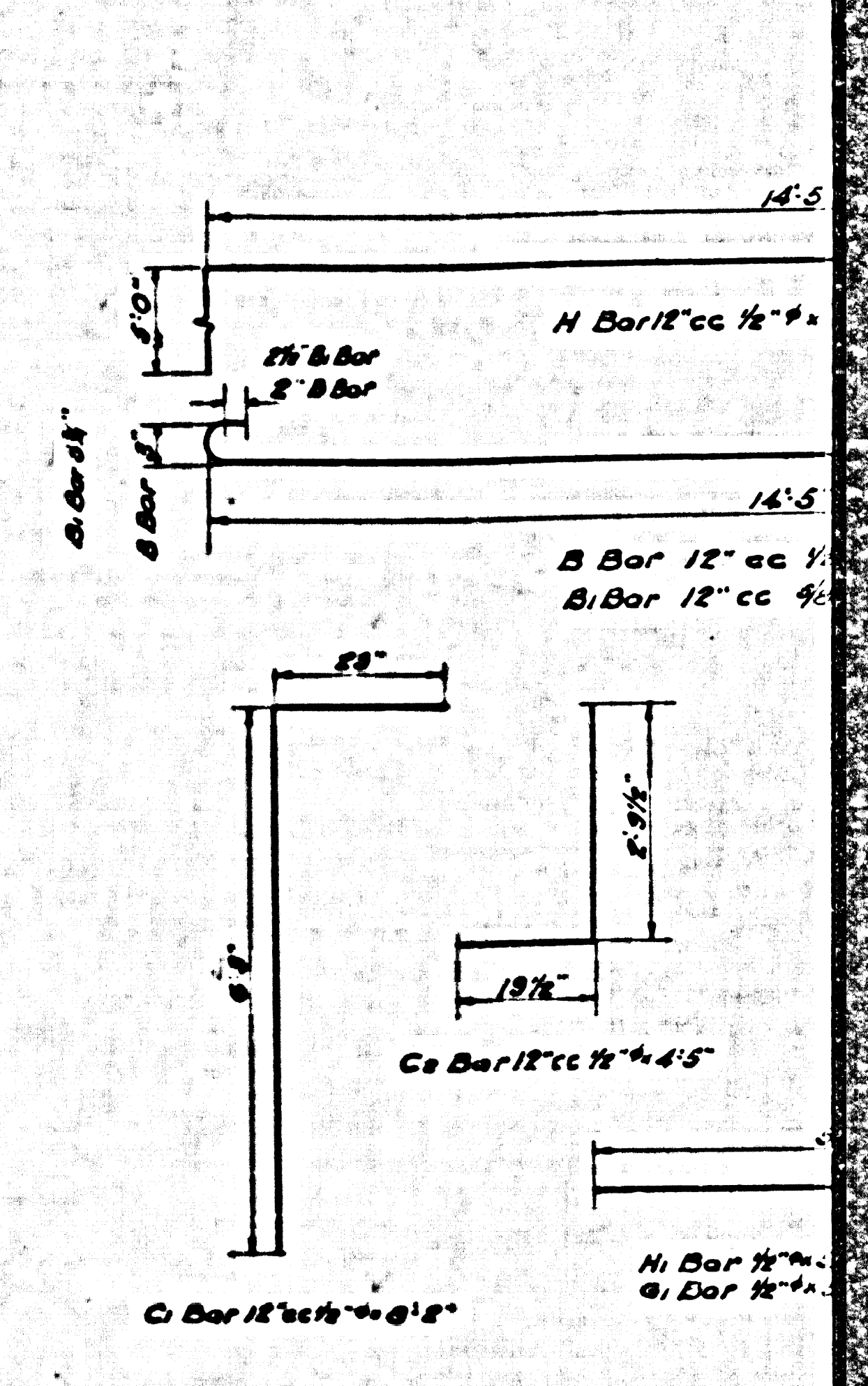
SECTION J
REINF. CONC. BOX 2'-5\"/>

Scale: 1/4\"/>



SECTION I
REINF. CONC. BOX 2'-6\"/>

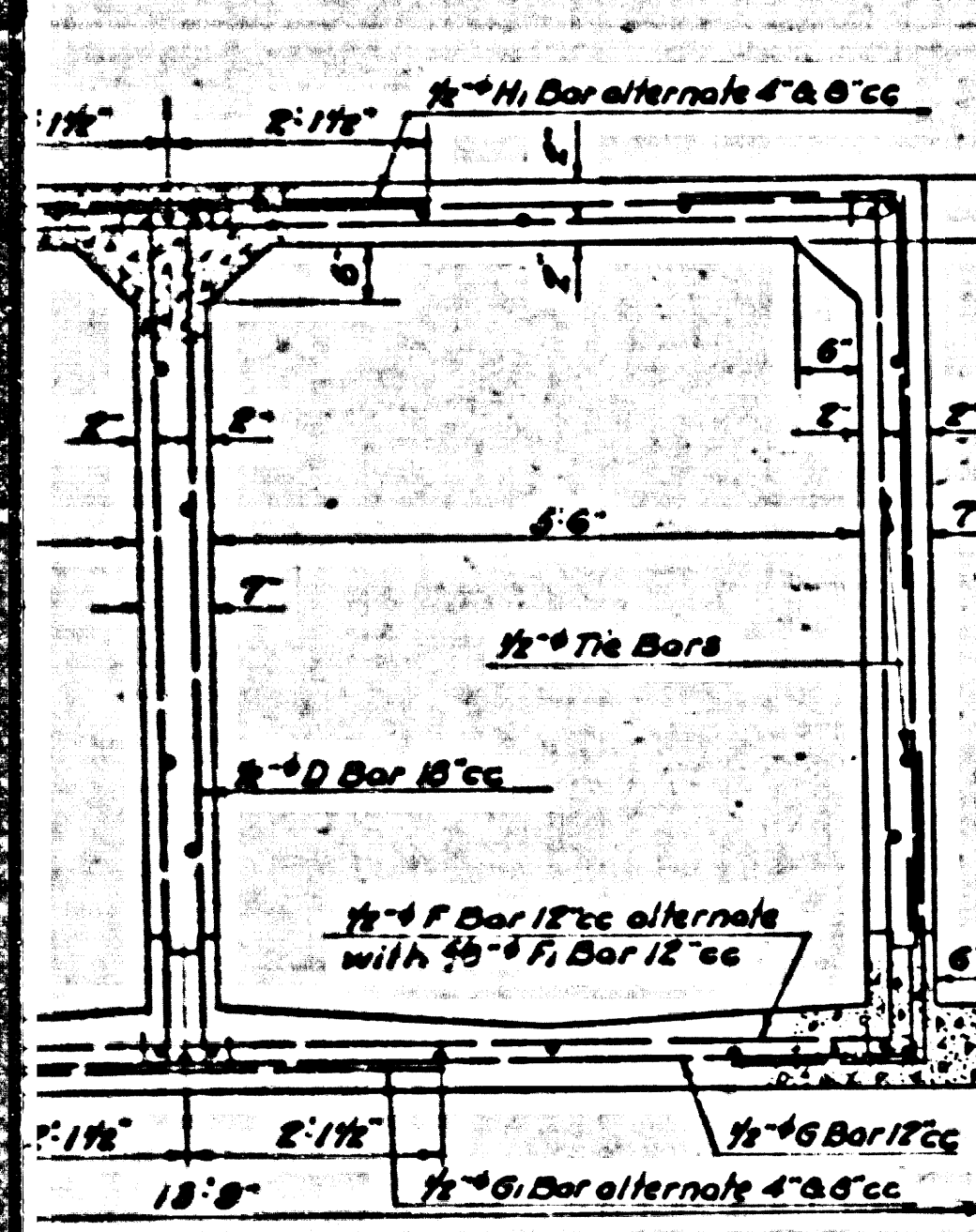
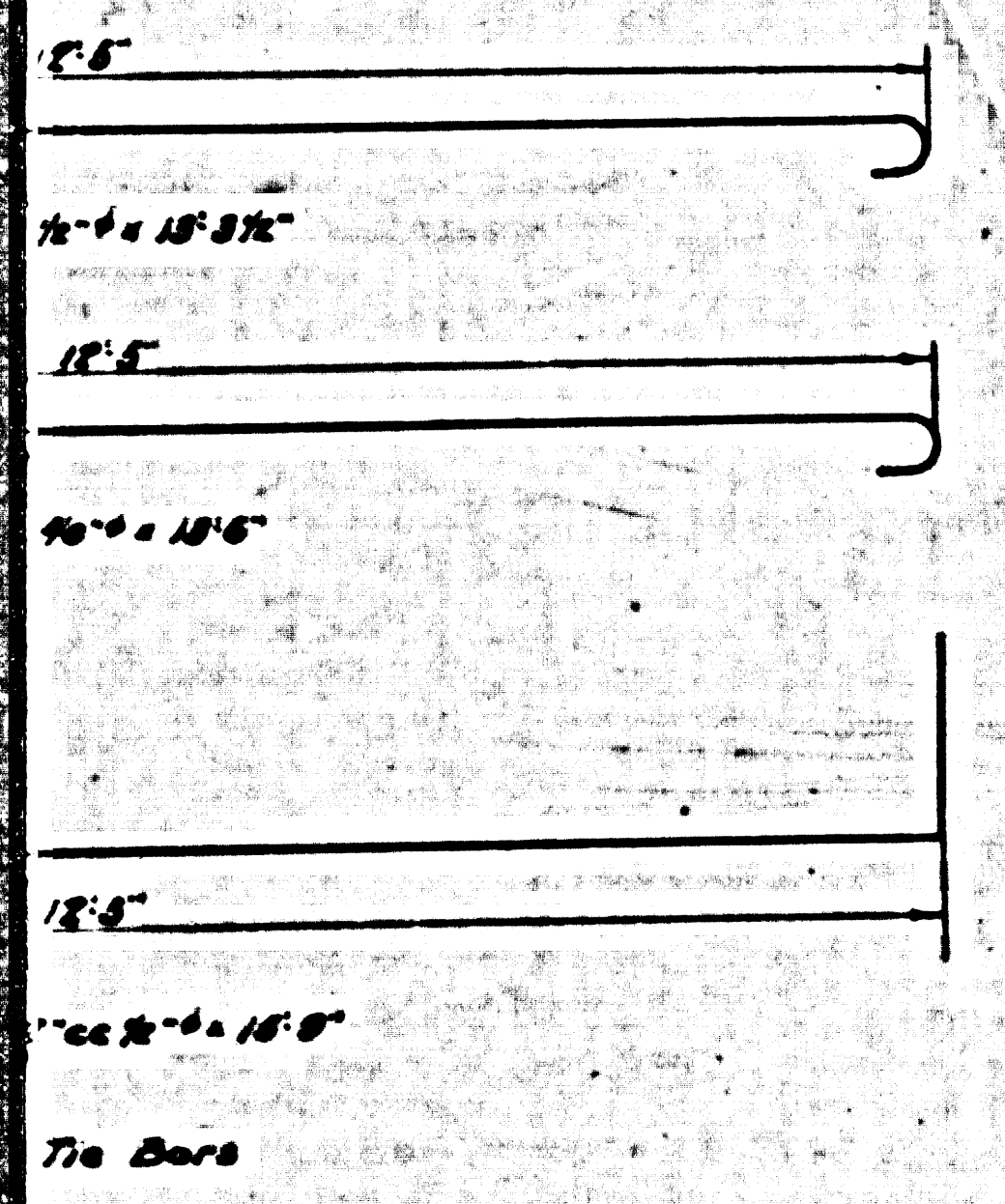
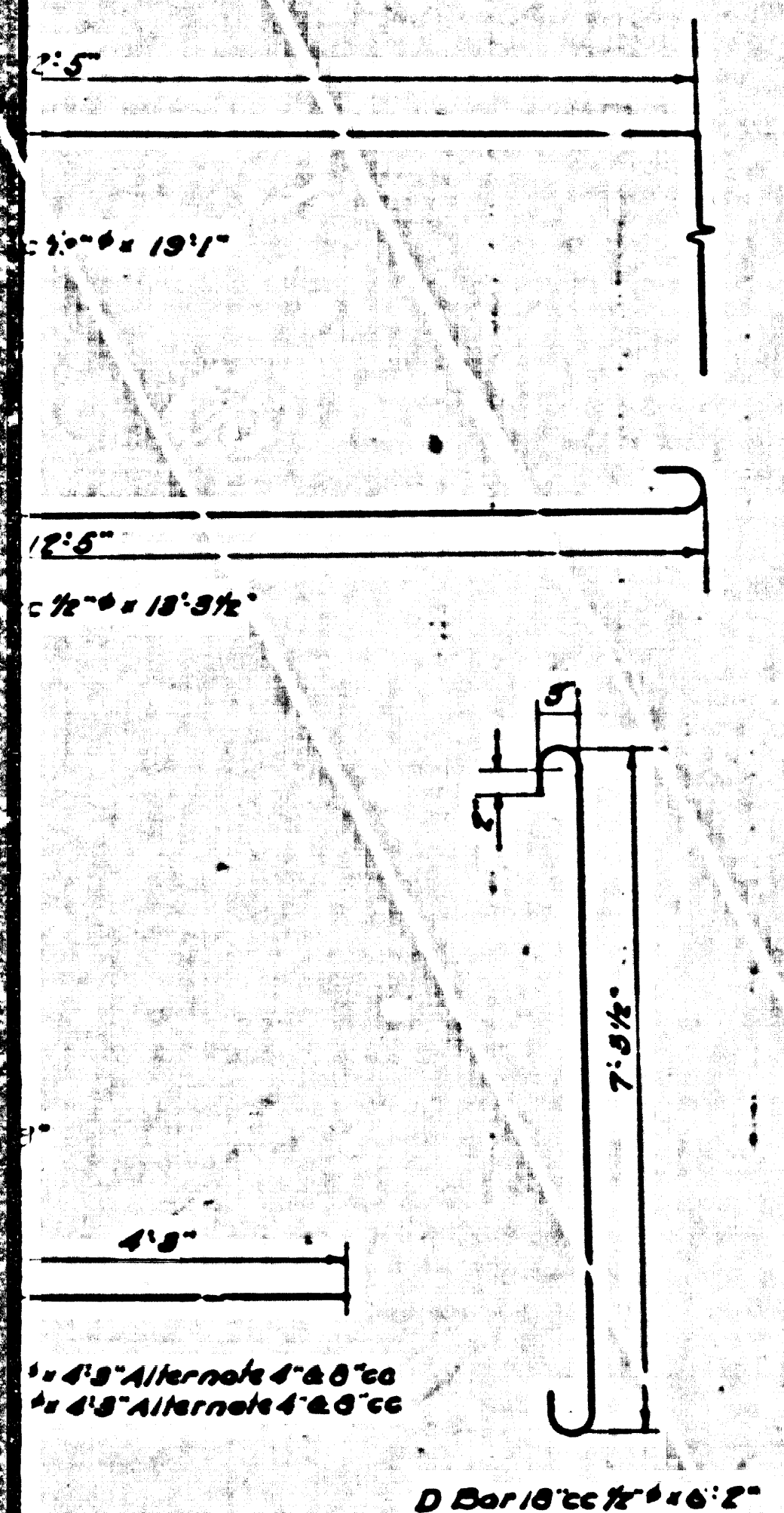
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SECTION G
REINF. CONC. BOX 2'-5\"/>

Scale: 1/4\"/>

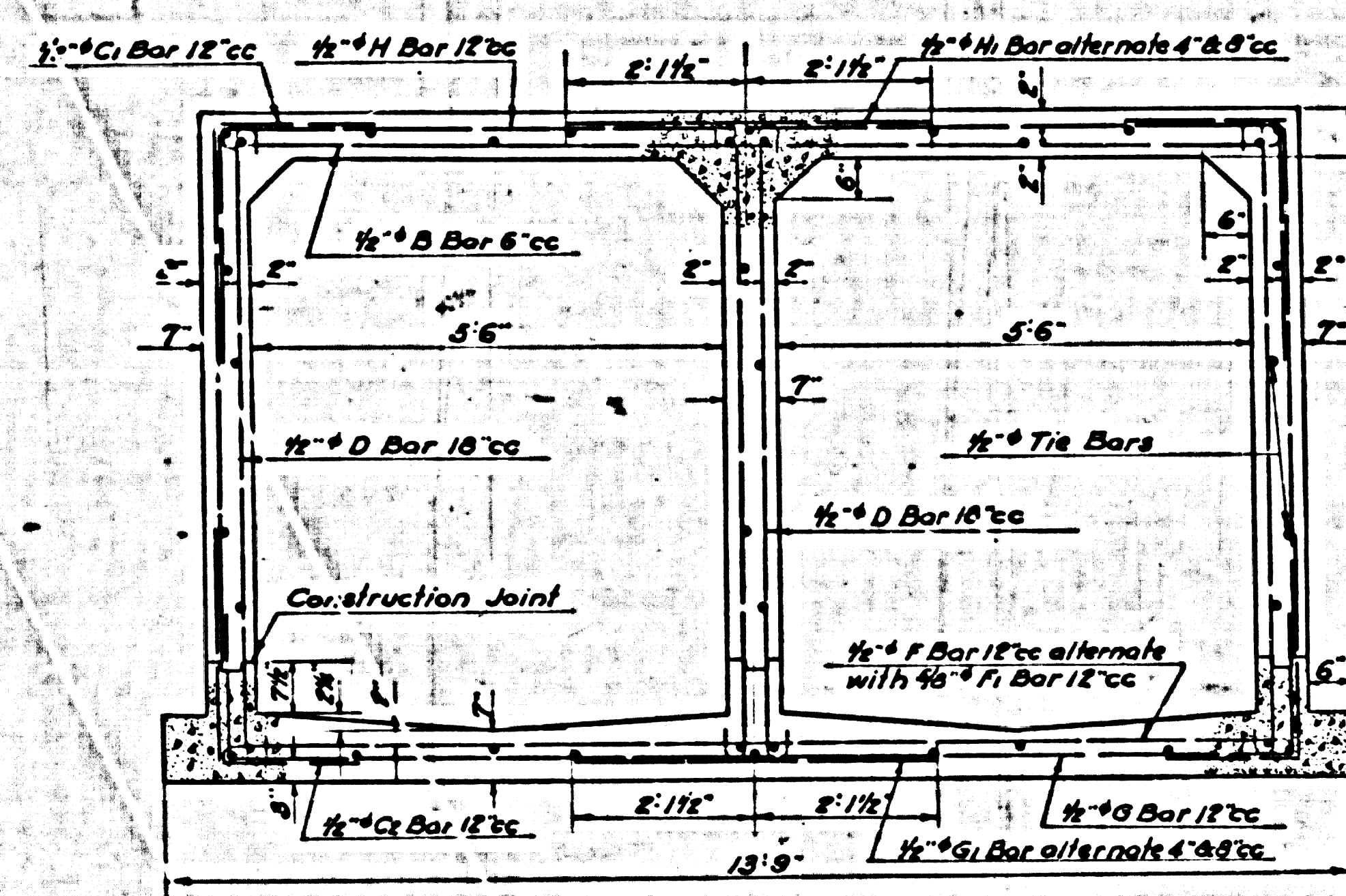
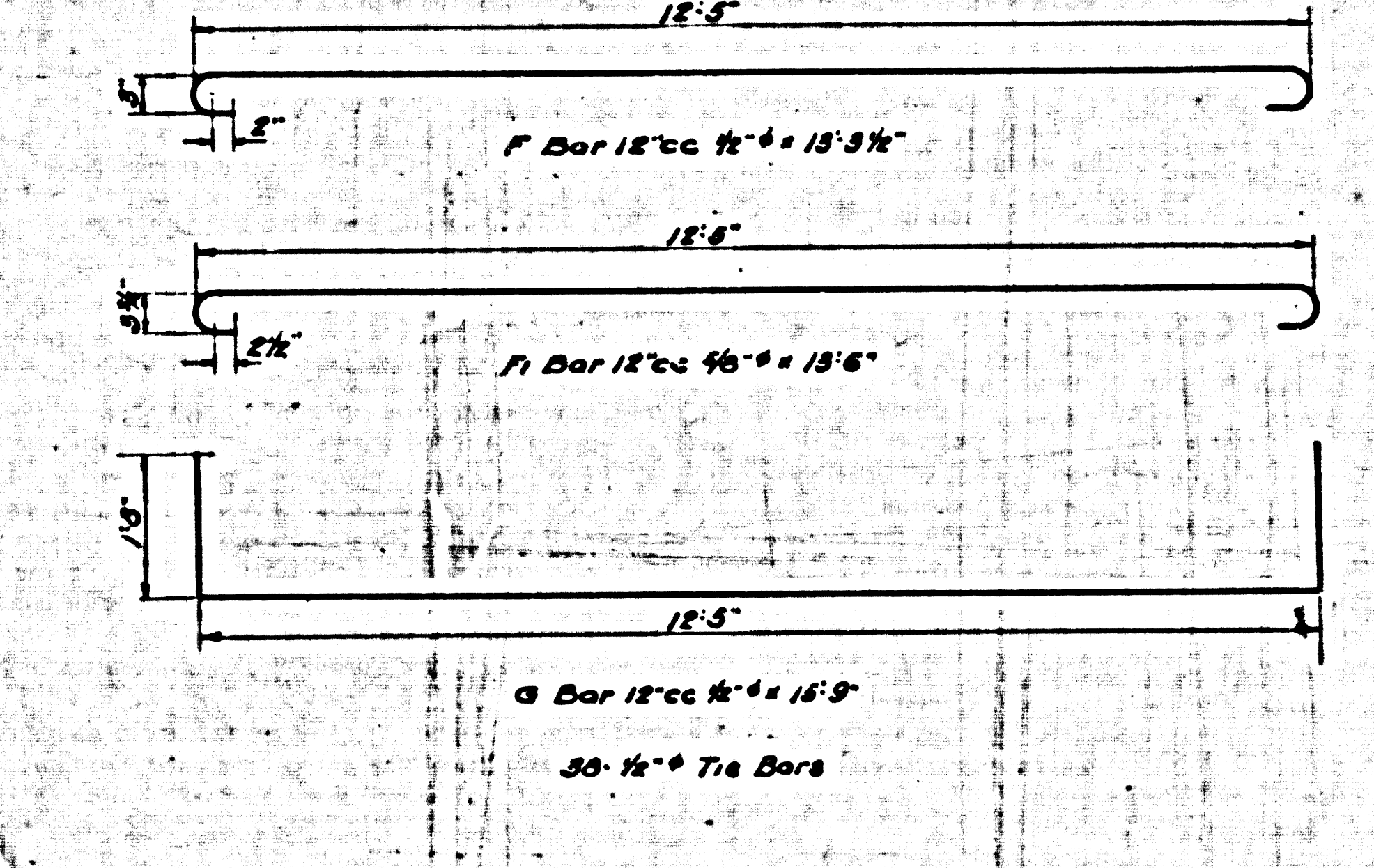
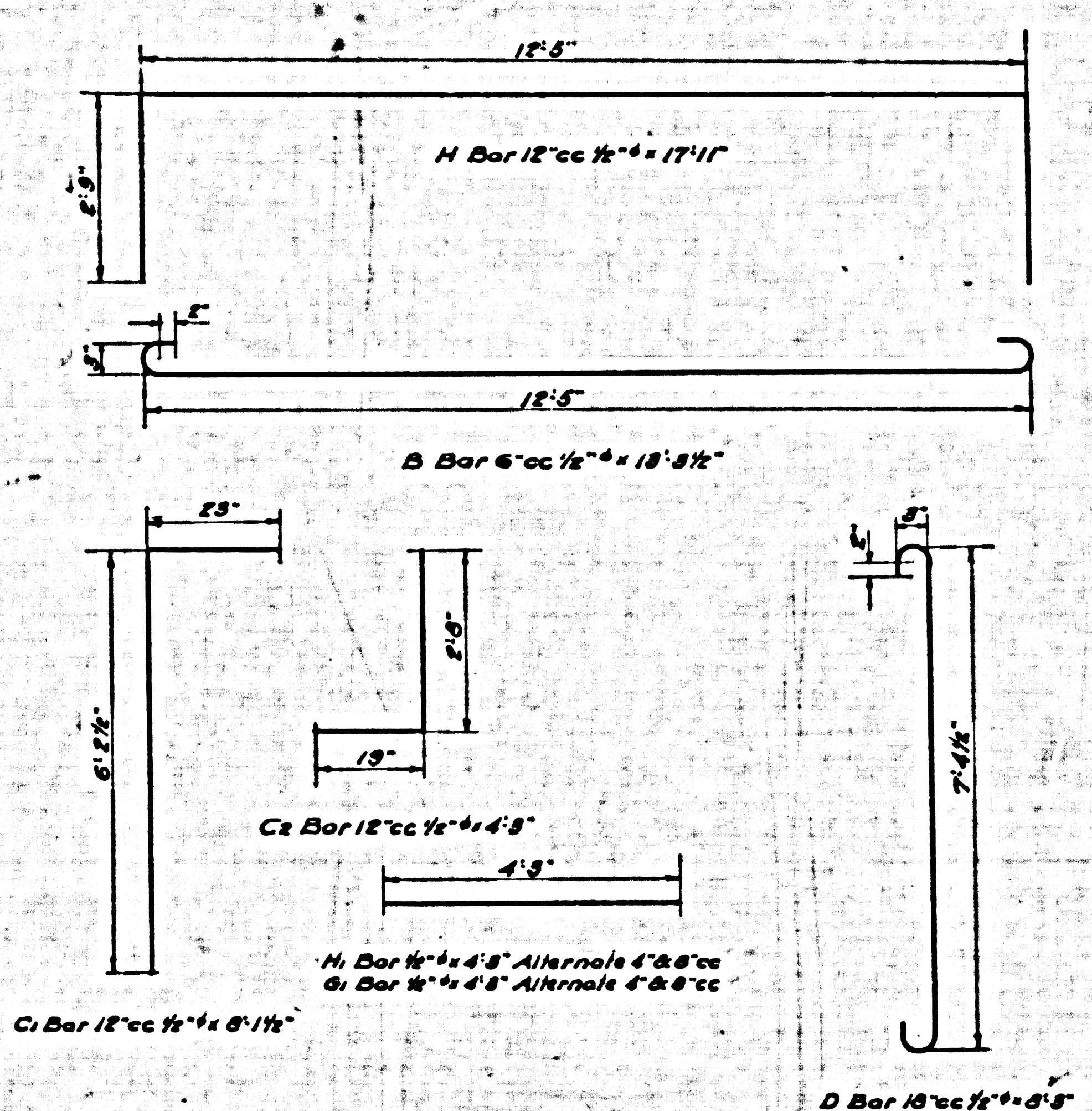
CSB-1165-4-A
A 2 OF A 4



over 8 Feet Truck Loading
 101 Cu Yds per Lin. Foot
 1182 lbs per Lin. Foot

SECTION N
 REIN. CONC. BOX 2'-5" x 6'-6"
 LOMITA TRUNK

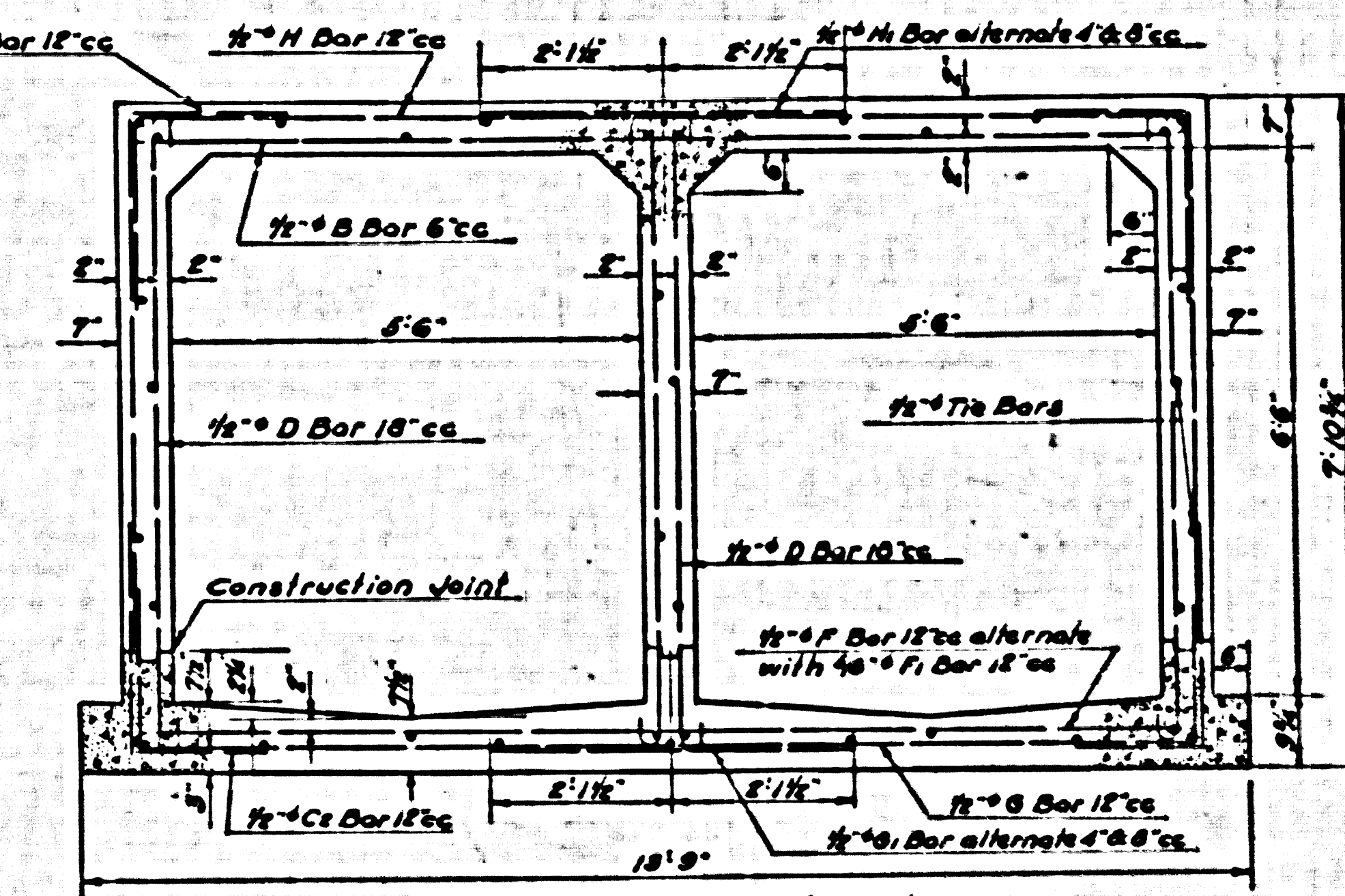
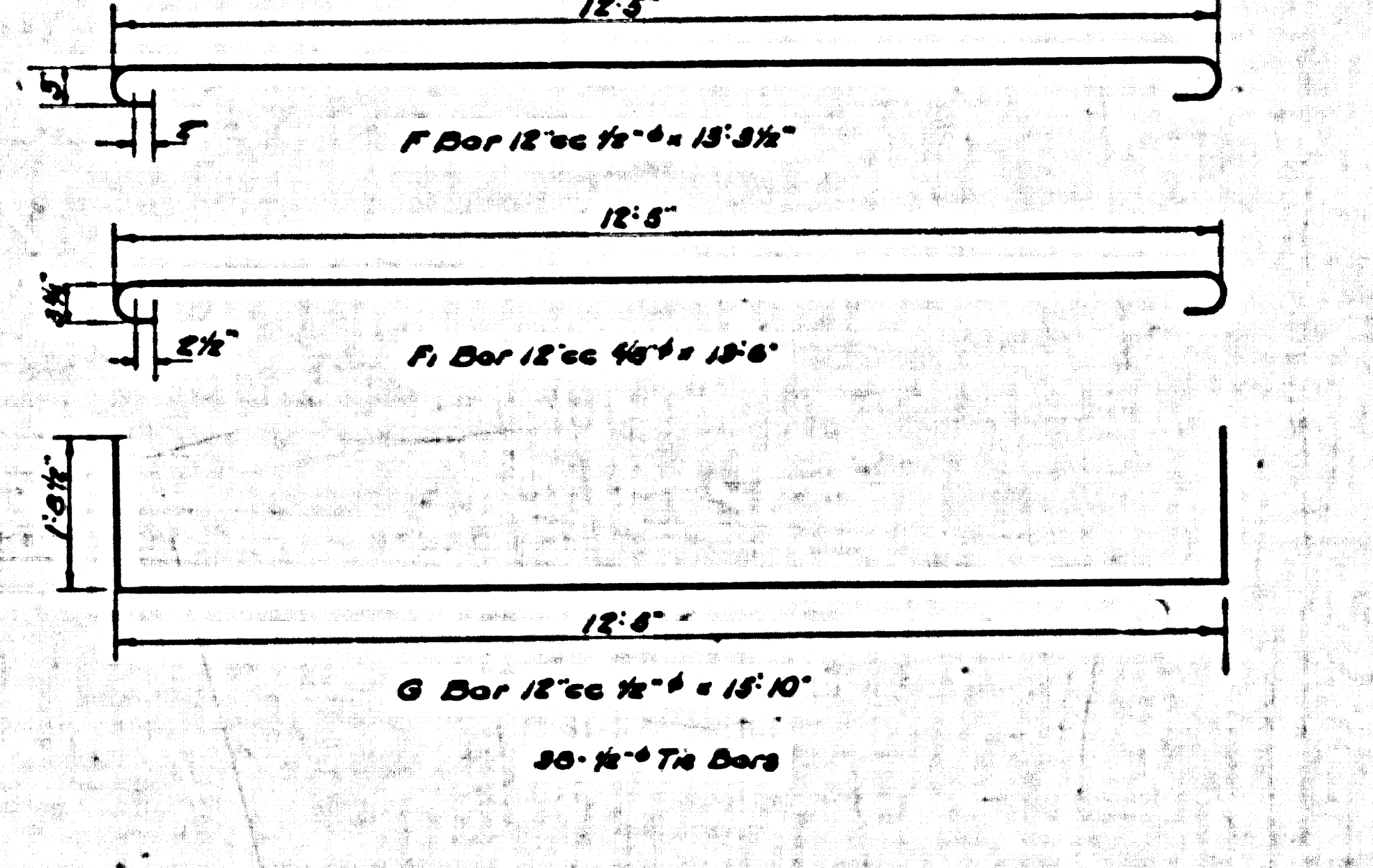
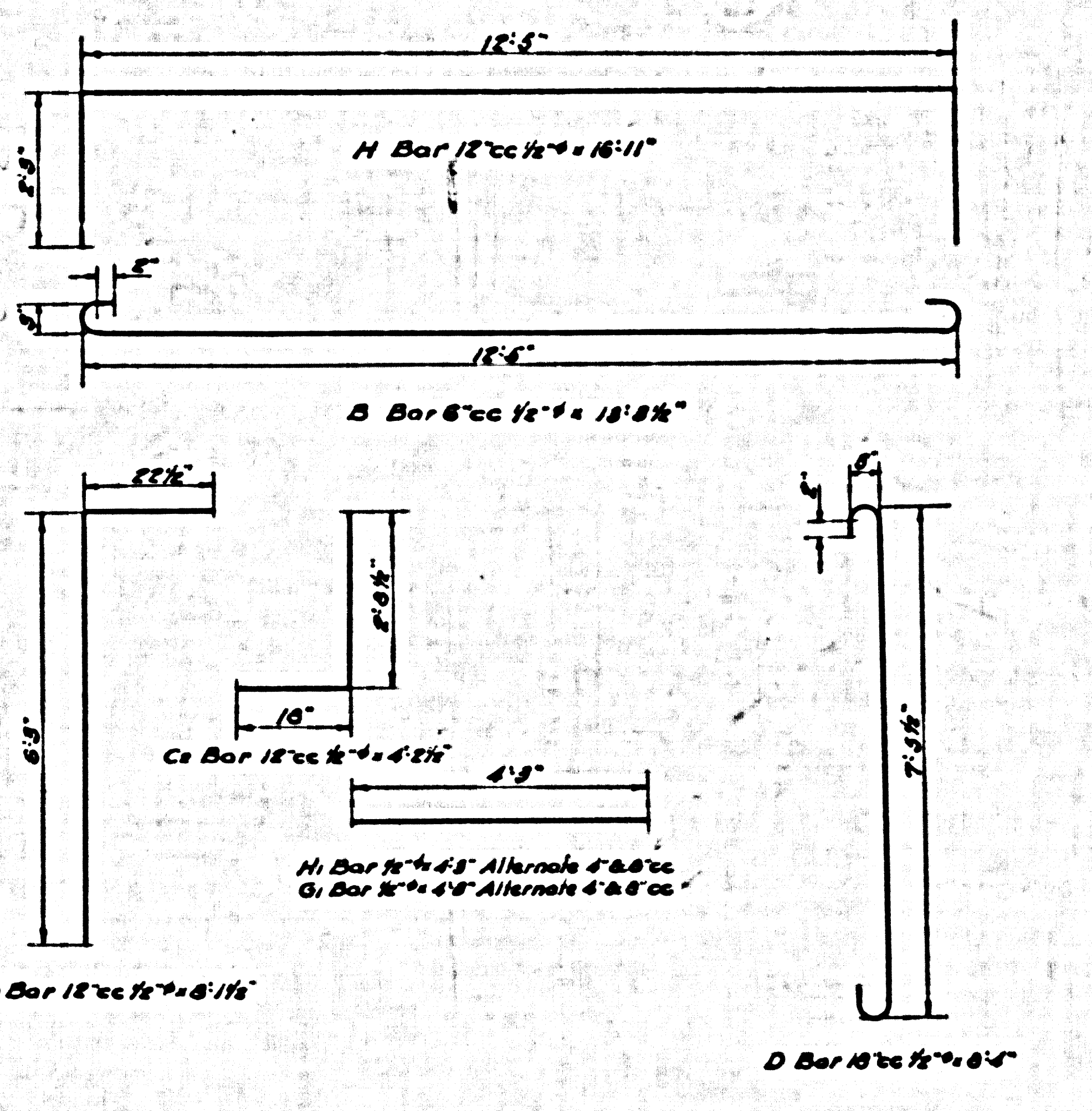
Scale: 1/4" = 1'-0"



Top Slab Cover 8 Feet Truck Loading
 Concrete 103 Cu Yds. per Lin. Foot
 Reinf. Steel 181 lbs. per Lin. Foot

SECTION M
 REIN. CONC. BOX 2'-5" x 6'-6"
 LOMITA TRUNK

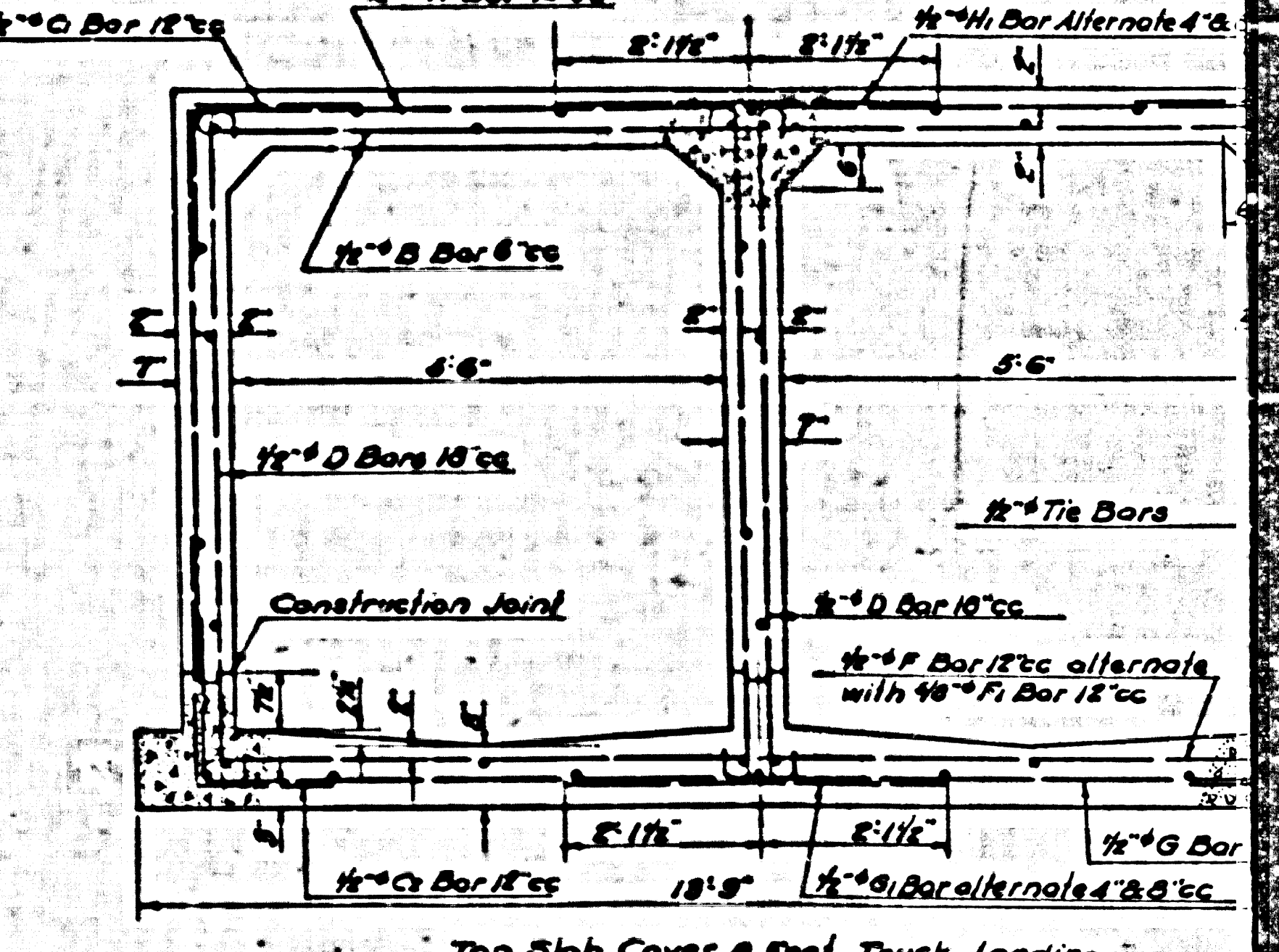
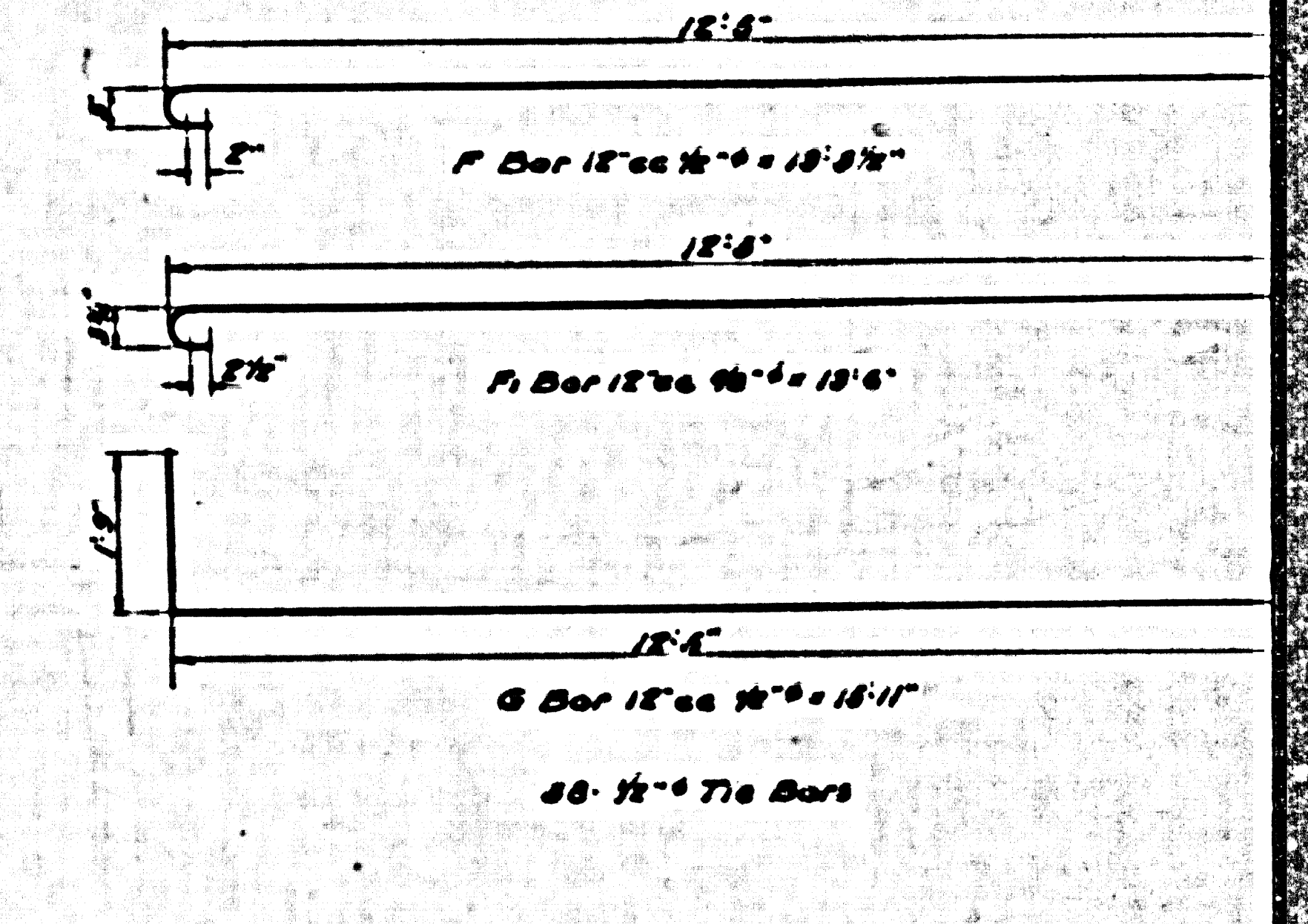
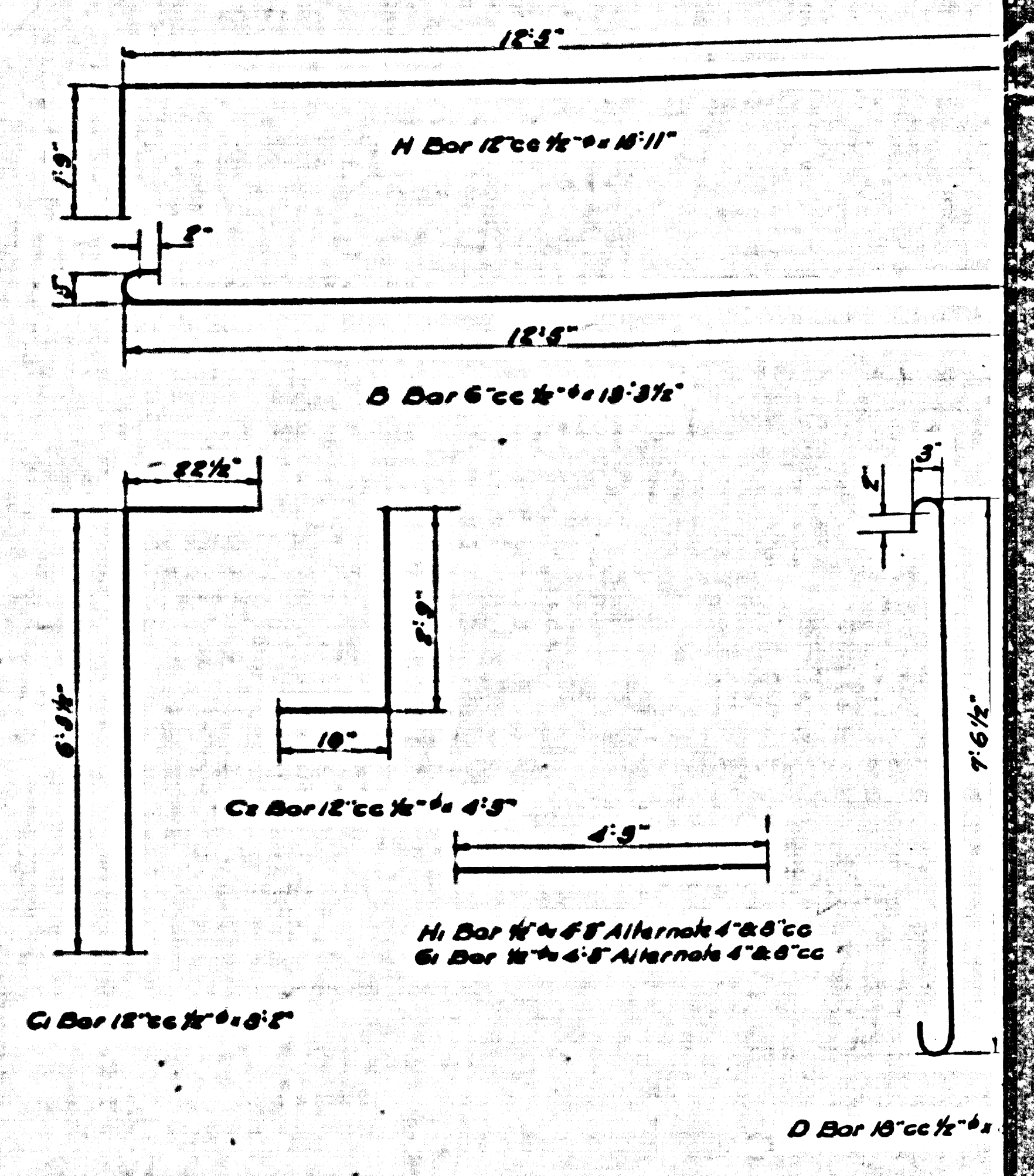
Scale: 1/4" = 1'-0"



Top Slab Cover 6 1/2 Feet Truck Loading
 Concrete 109 Cu Yds. per Lin. Foot
 Reinf. Steel 181 lbs. per Lin. Foot

SECTION L
 REIN. CONC. BOX 2'-5" x 6'-6"
 LOMITA TRUNK

Scale: 1/4" = 1'-0"



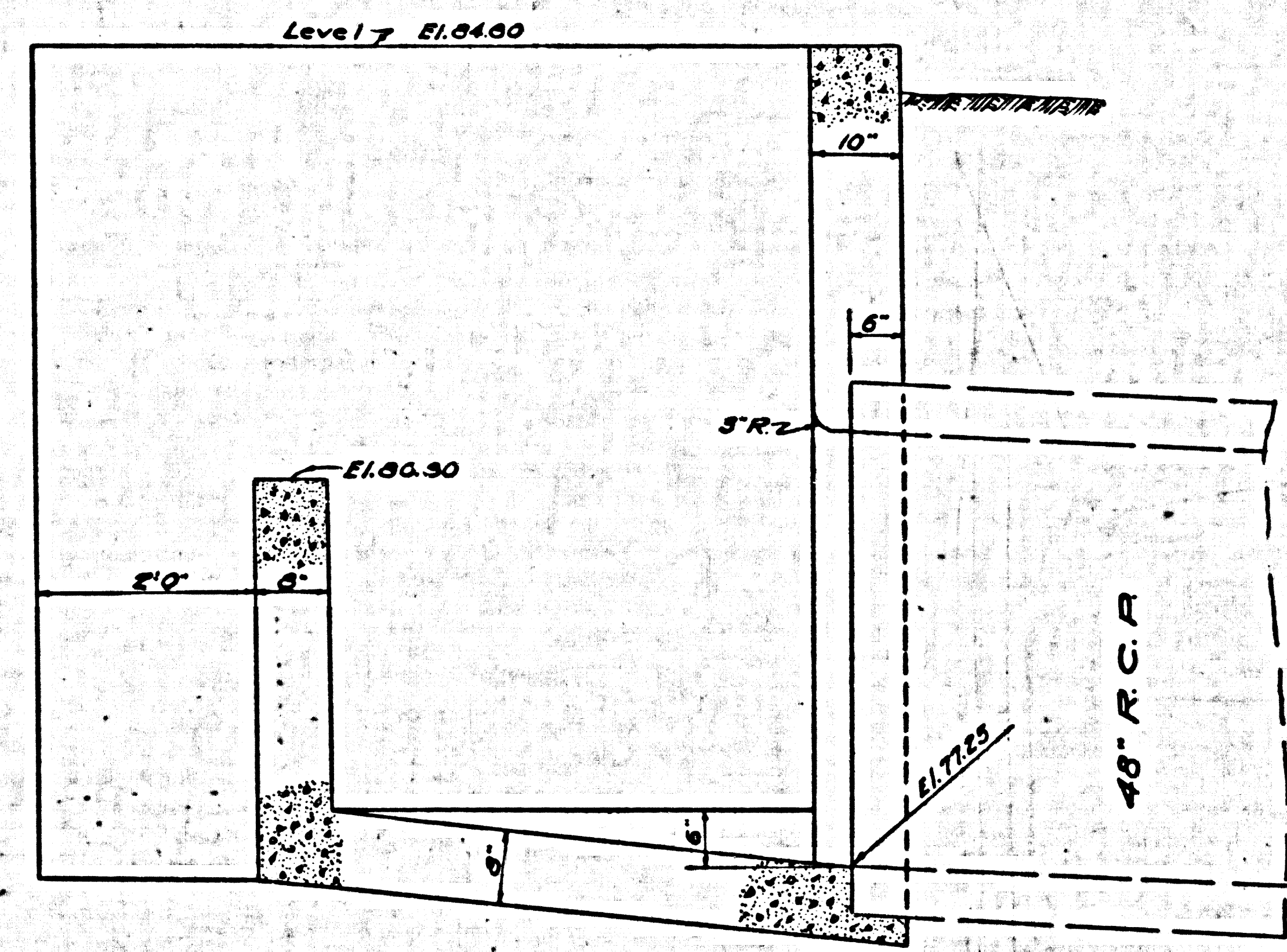
Top Slab Cover 6 Feet Truck Loading
 Concrete 119 Cu Yds. per Lin. Foot
 Reinf. Steel 180 lbs. per Lin. Foot

SECTION K
 REIN. CONC. BOX 2'-5" x 6'-6"
 LOMITA TRUNK

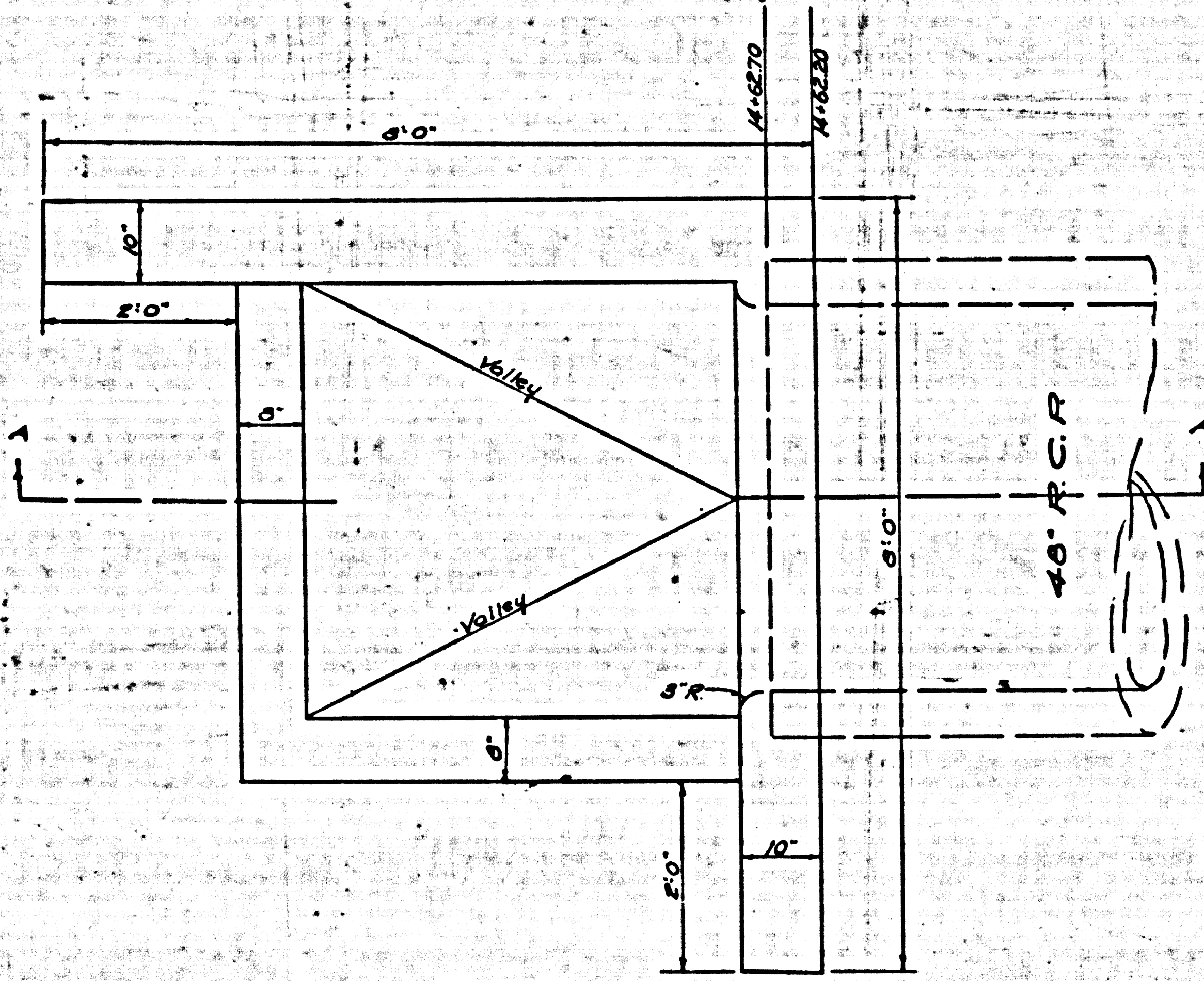
Scale: 1/4" = 1'-0"

CSB-1165-4A
 A 3 OF A 4

111-B ON 9-AM 2PROXVU2 YTIUOC

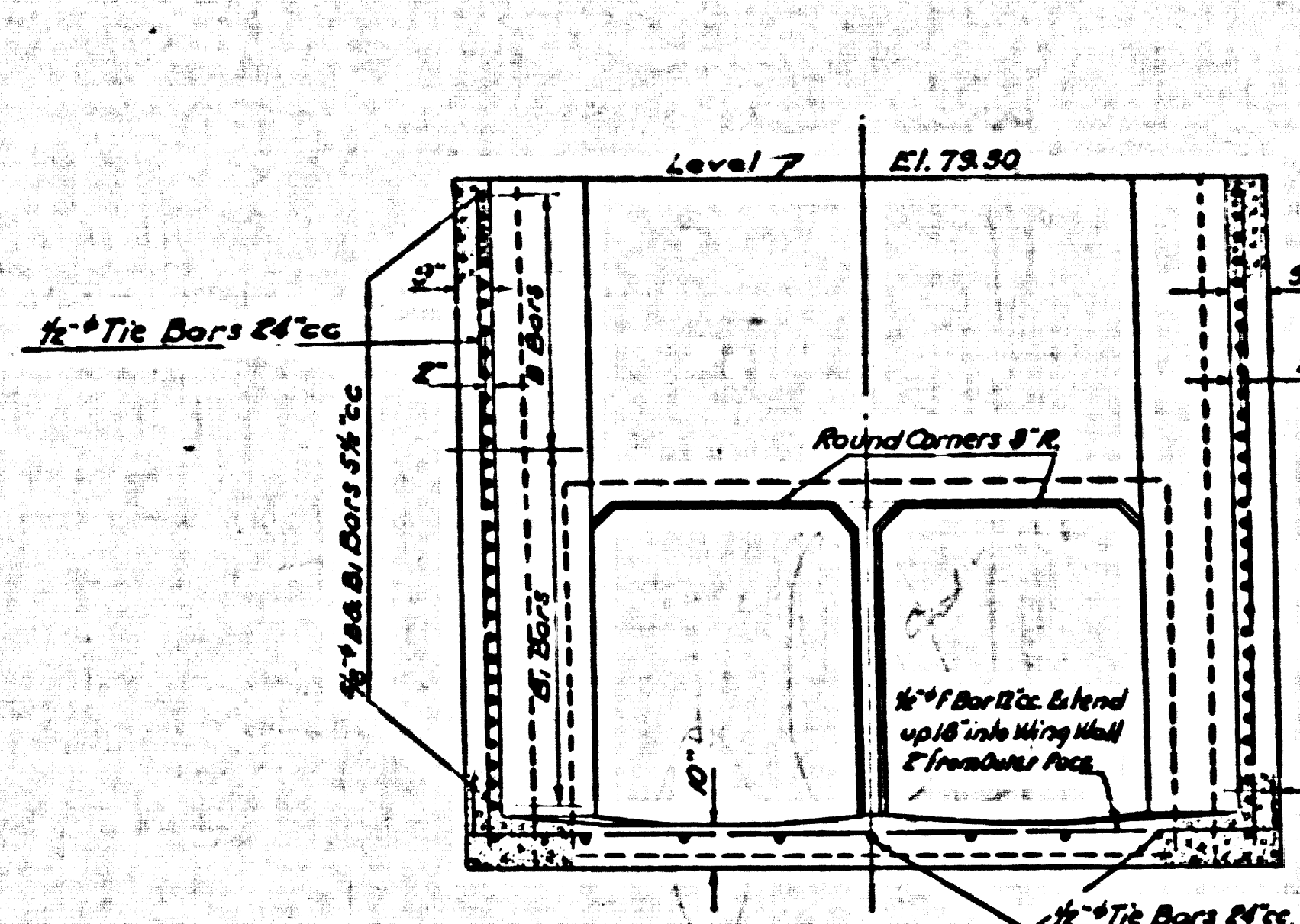


SECTION A-A

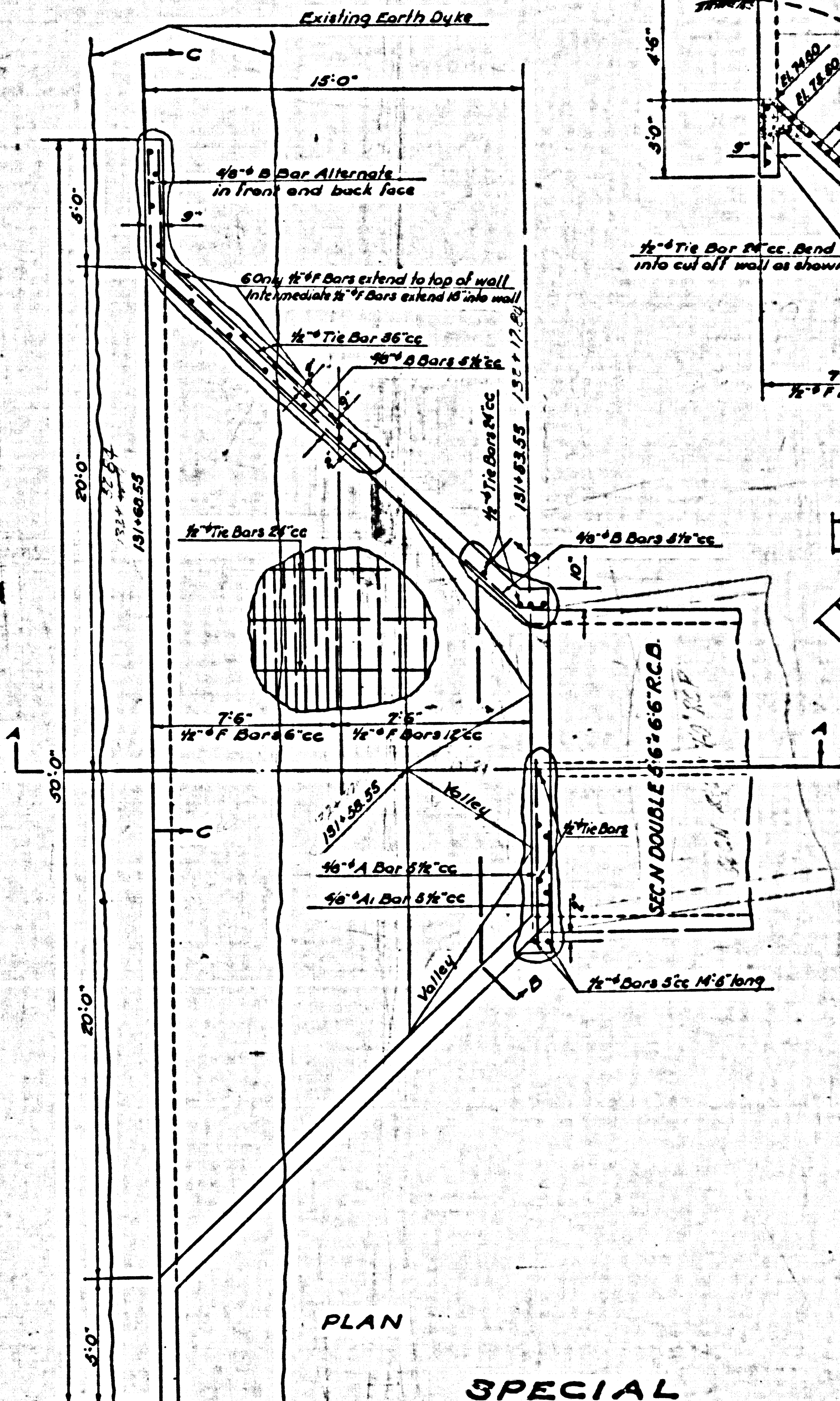


PLAN

SPECIAL STRUCTURE NO 7
 250th ST. BRANCH
 Concrete: 5.1 Cu. Yds.
 Scale: 1/4" = 1'-0"

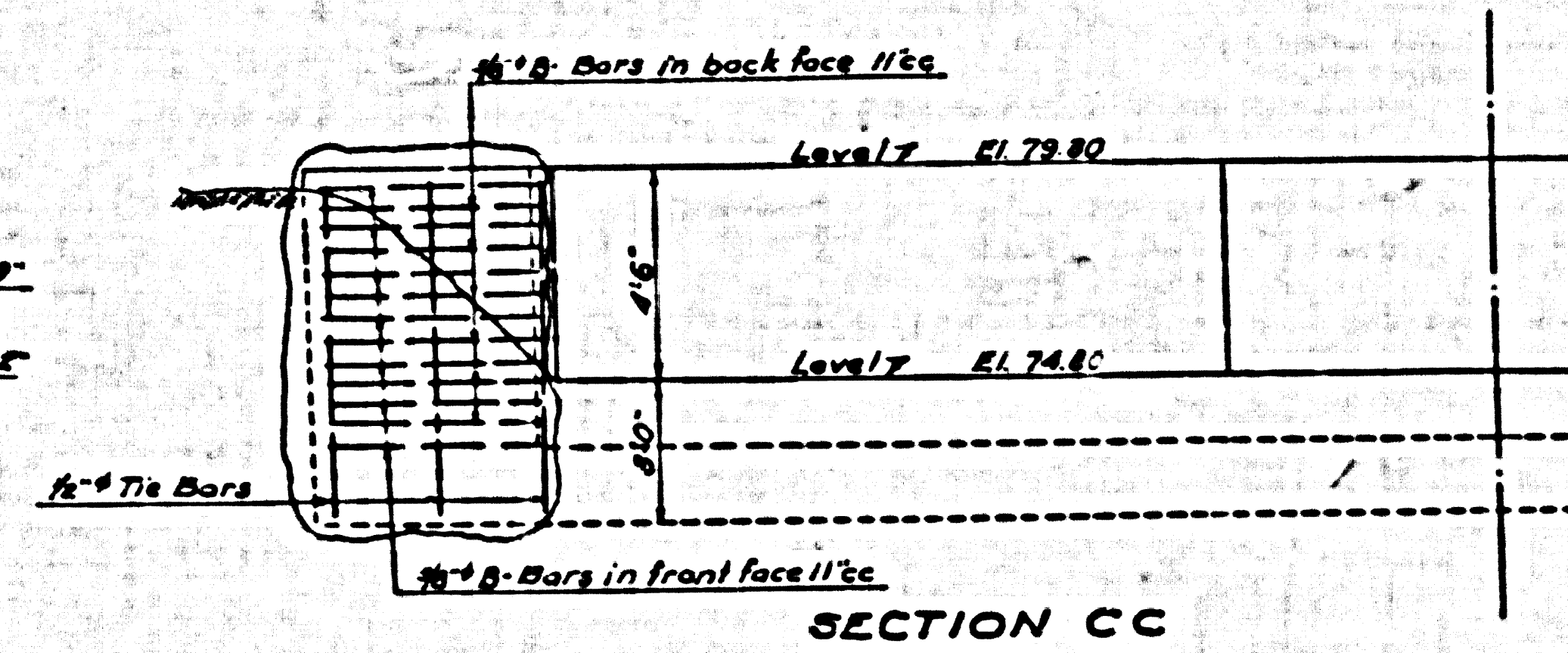


SECTION B-B

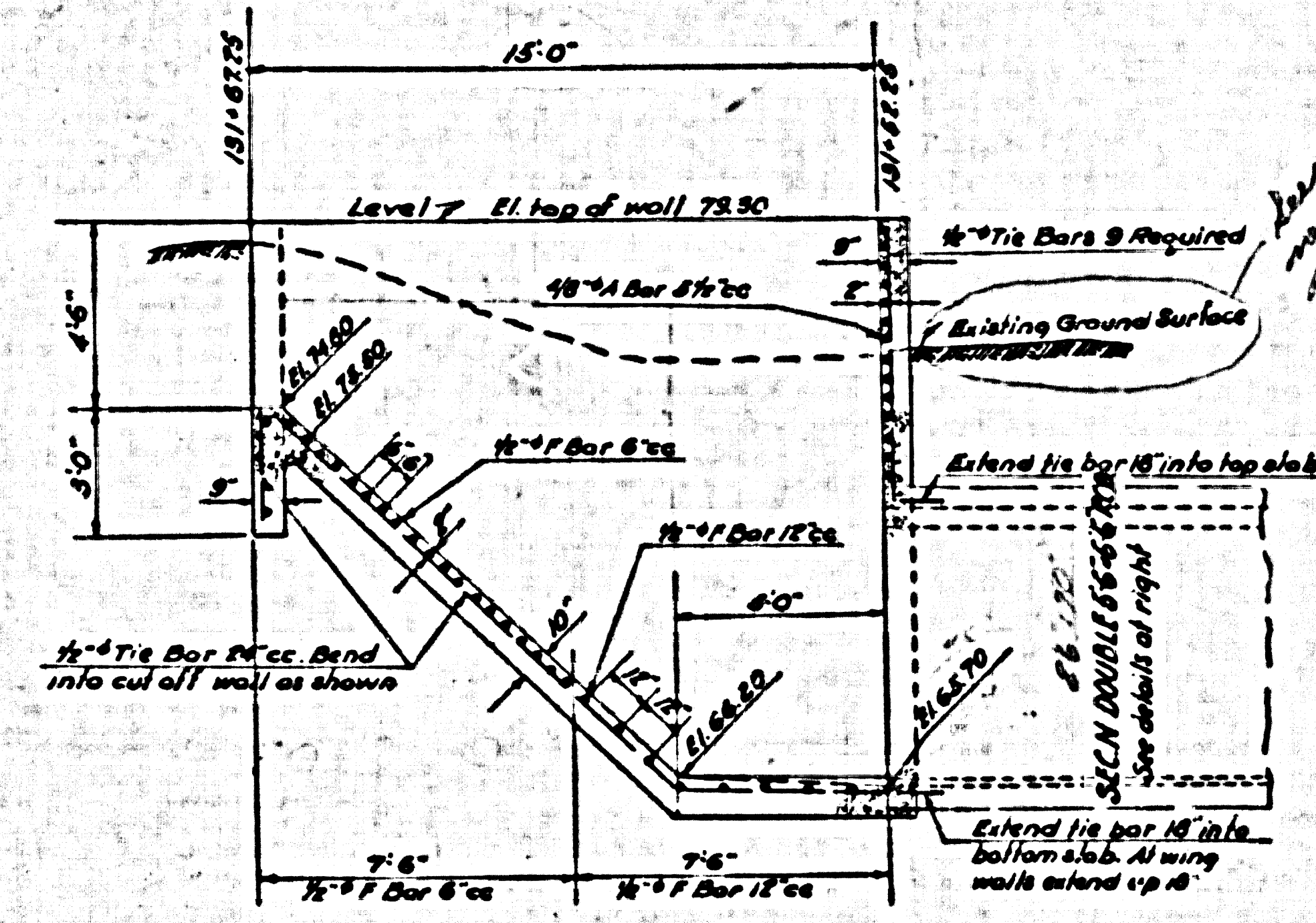


PLAN

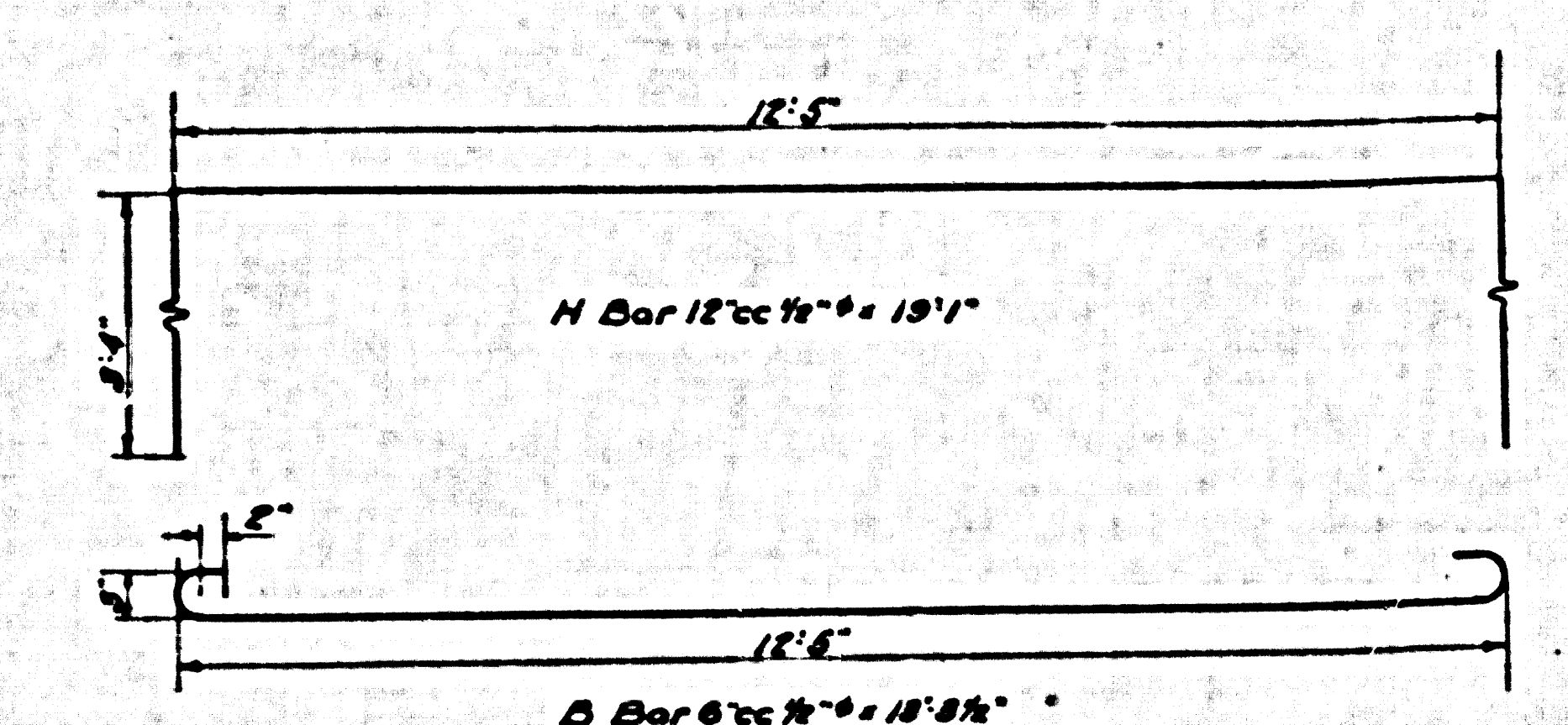
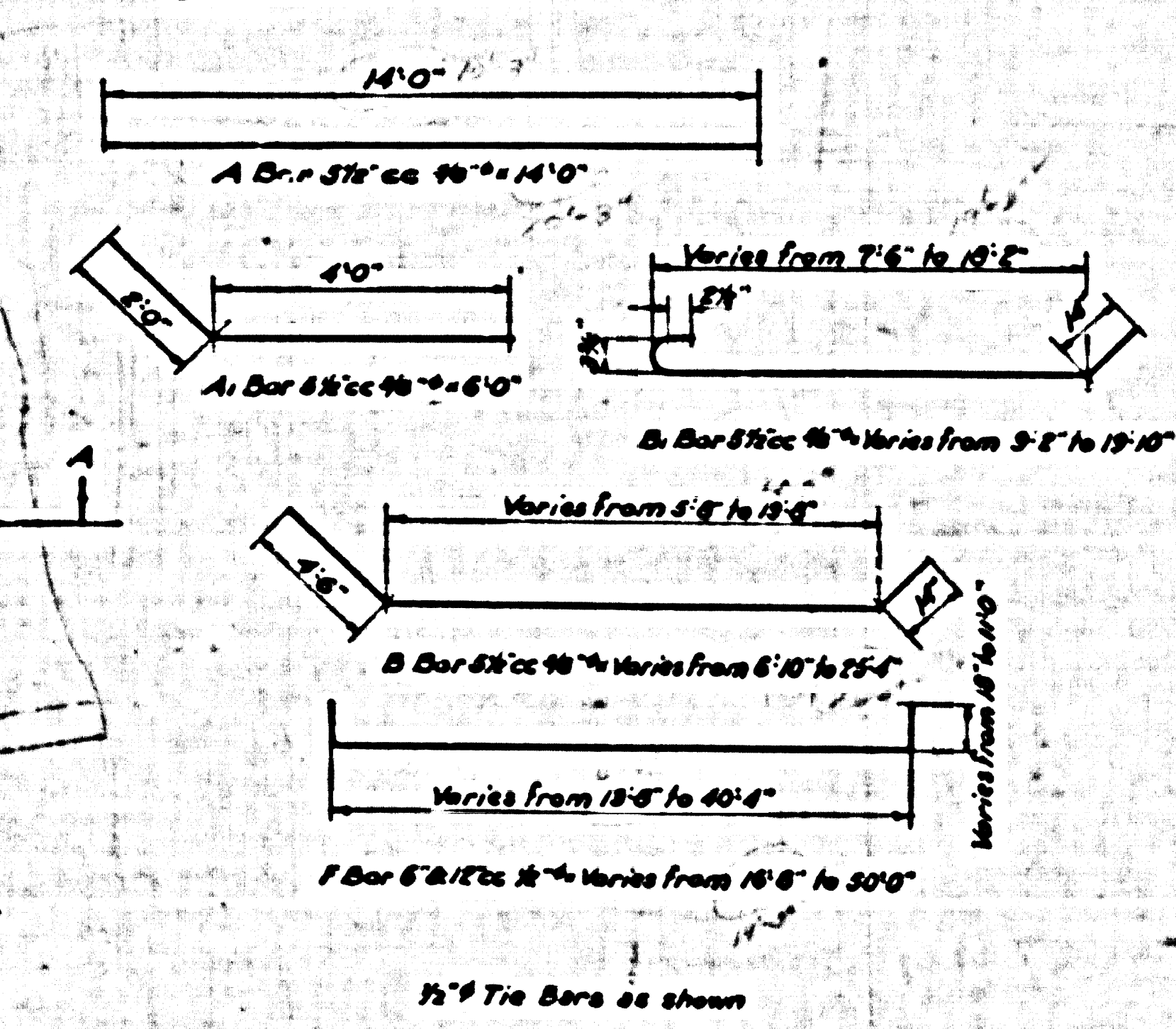
SPECIAL STRUCTURE NO 6
 LOMITA TRUNK
 Concrete: 34 Cu. Yds.
 Reinf. Steel: 2620 lbs
 Scale: 1/4" = 1'-0"



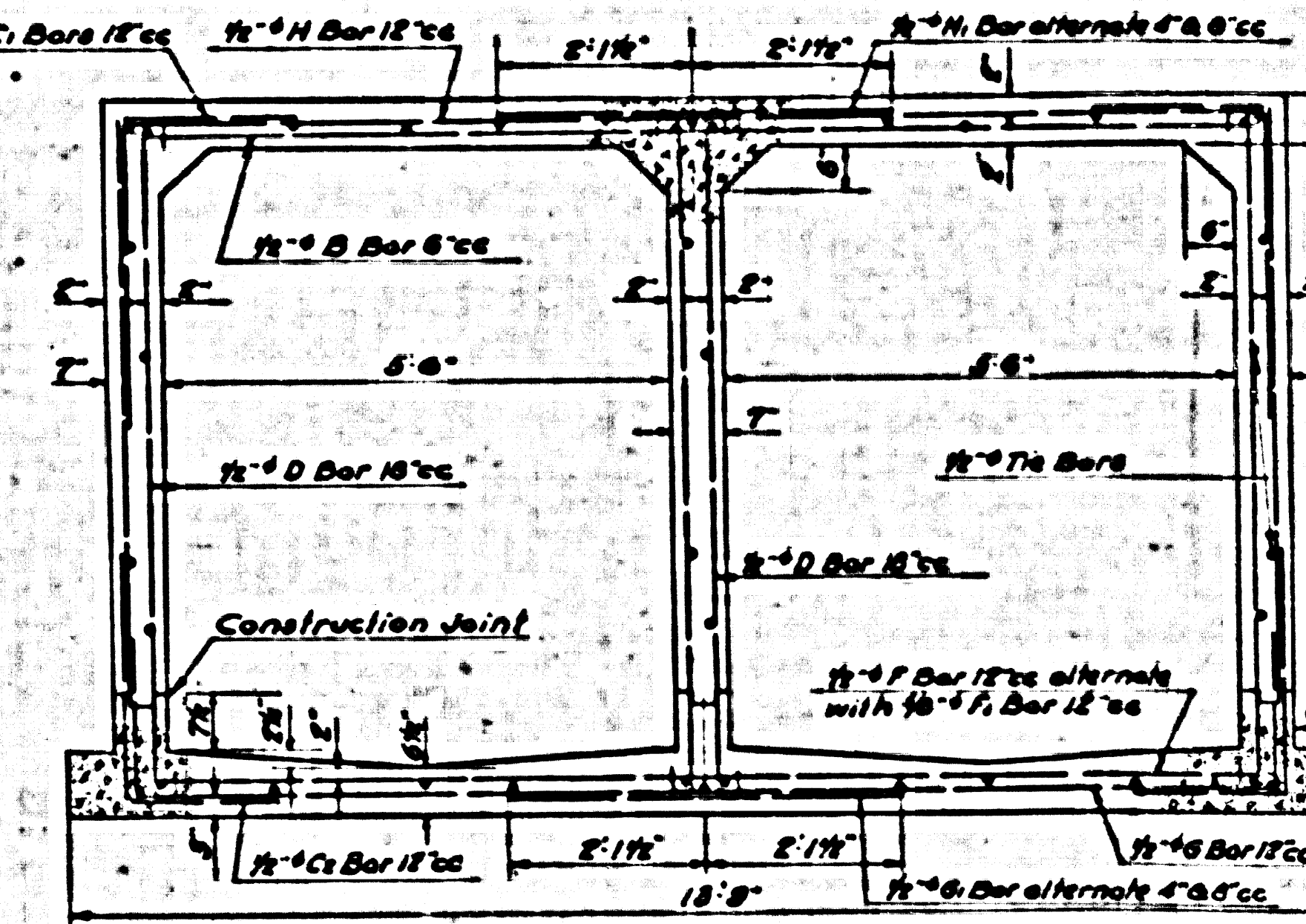
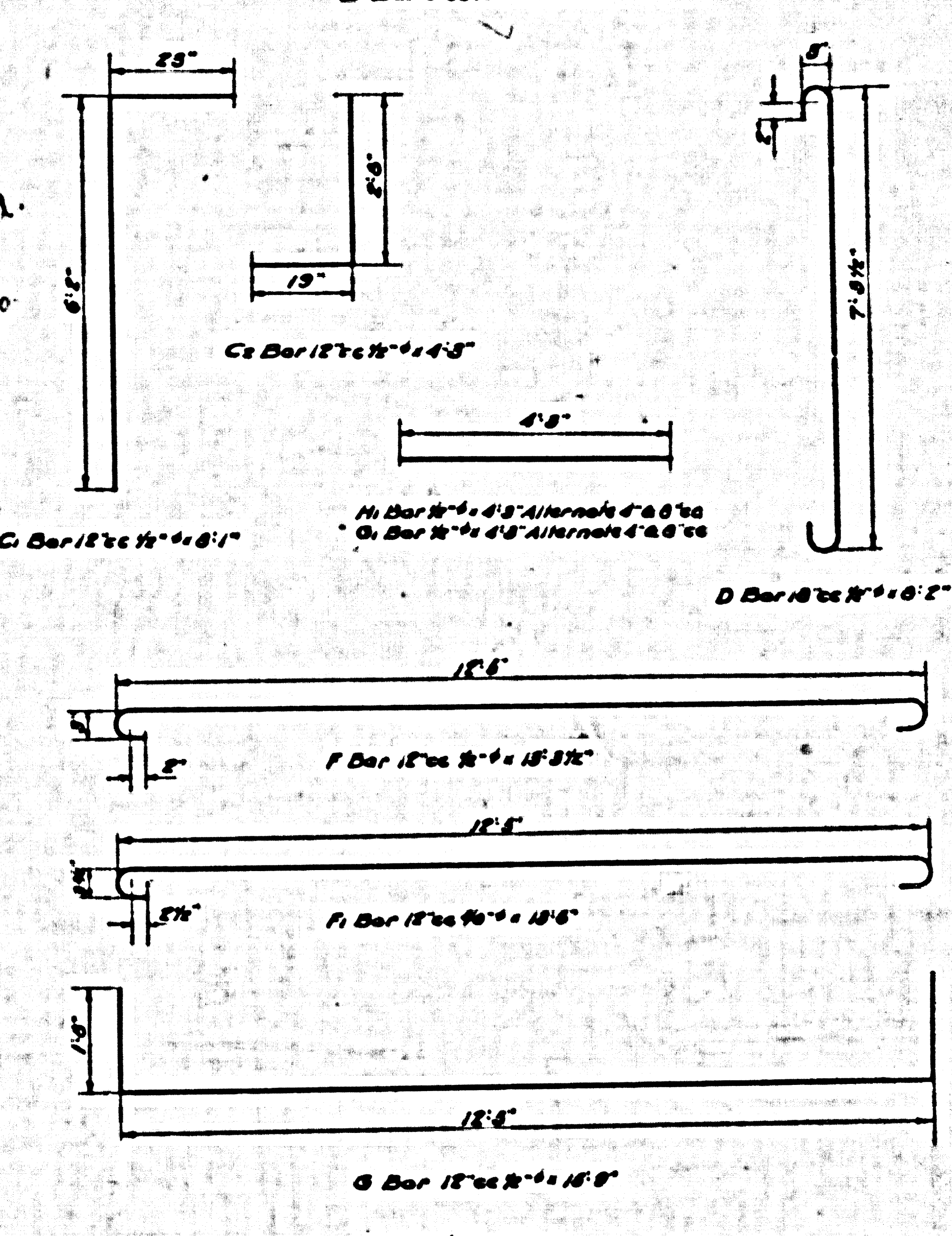
SECTION CC



SECTION A-A



SECTION N

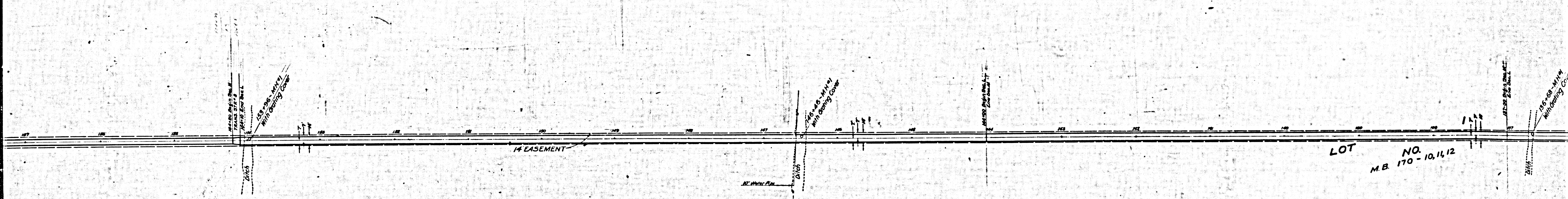
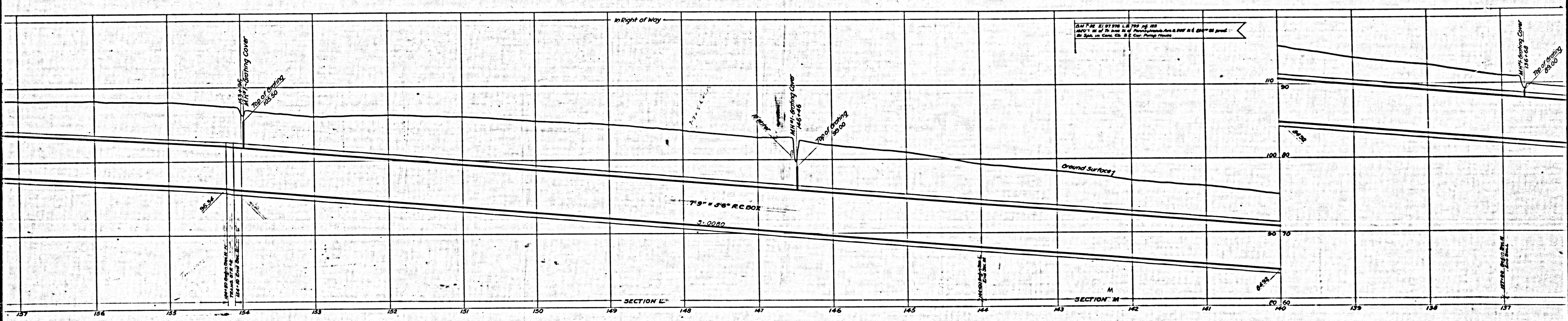


SECTION N

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SHEET NO 4 OF 8 SHEETS
 CONSULT SURVEYORS MAP NO B-1122

BM 732 Elev 97.77, E.C. 749 13.12
 1320 ± W of the Point W of Flaming Cove at 240' N. E 250' ± of End
 of Sp. in Case of S.E. Cor. pumphouse.



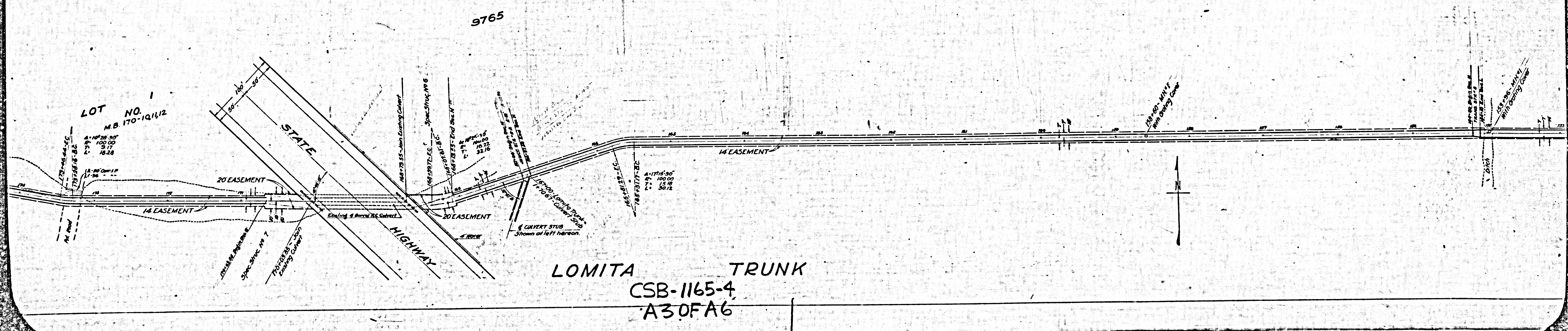
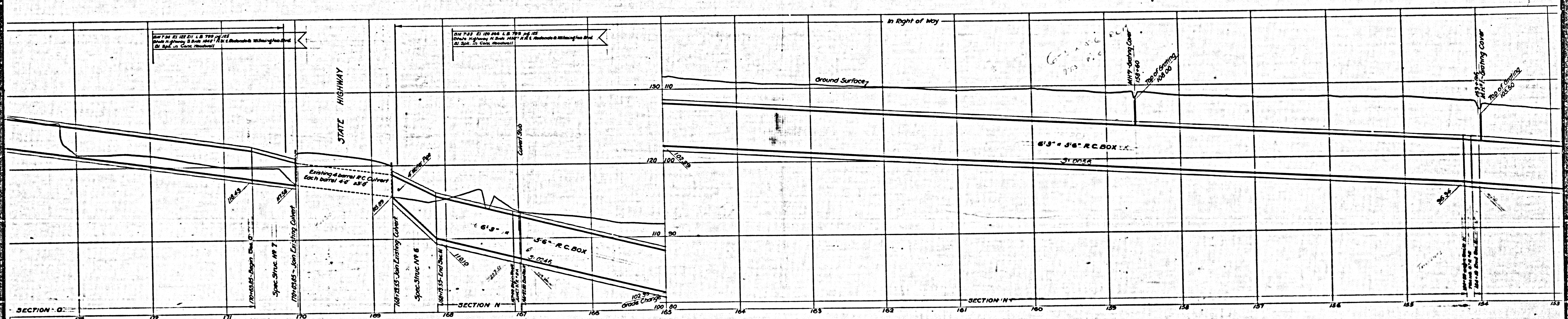
LOMITA

TRUNK TRACT
 CS B-1165-4
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LOT NO. 10, 11, 12
 M.B. 170-10, 11, 12

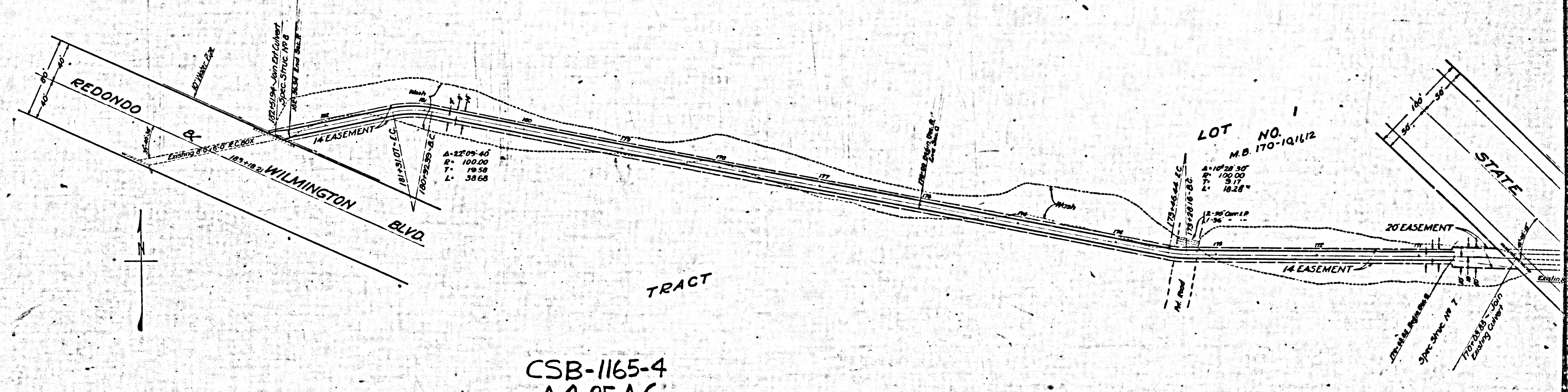
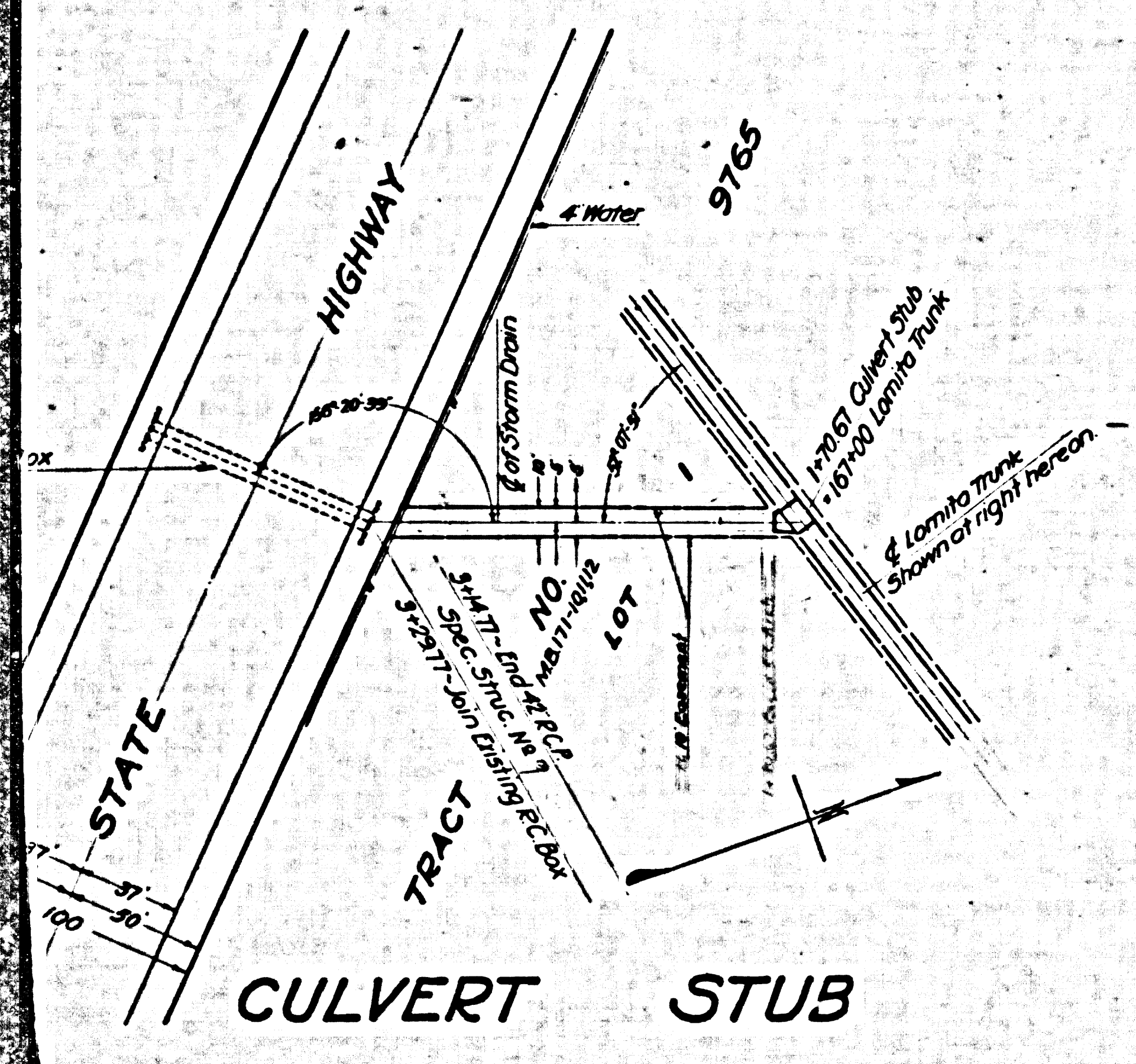
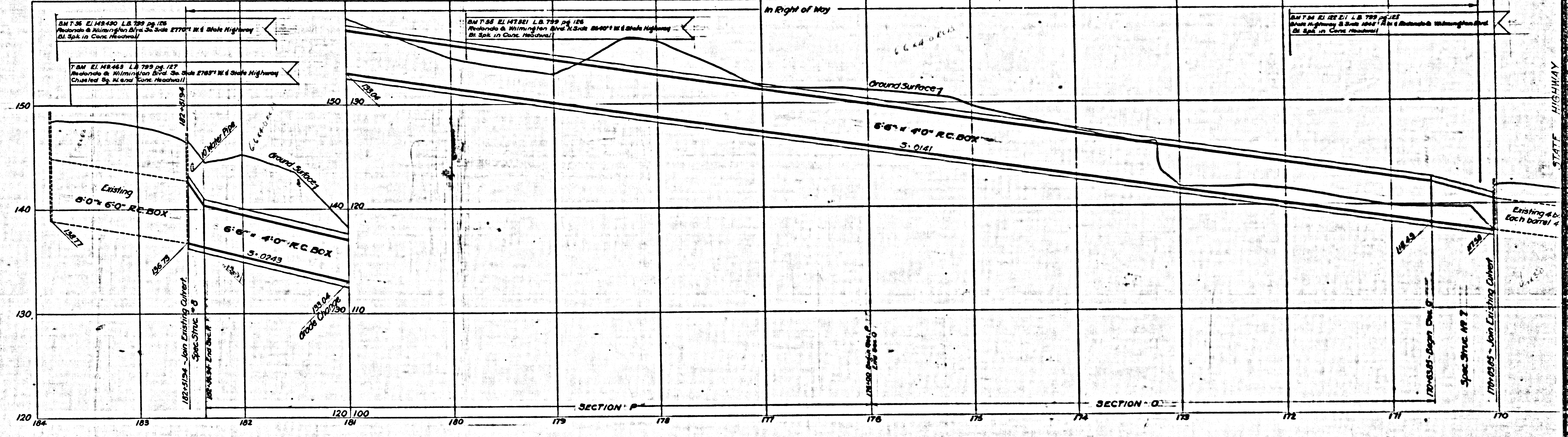
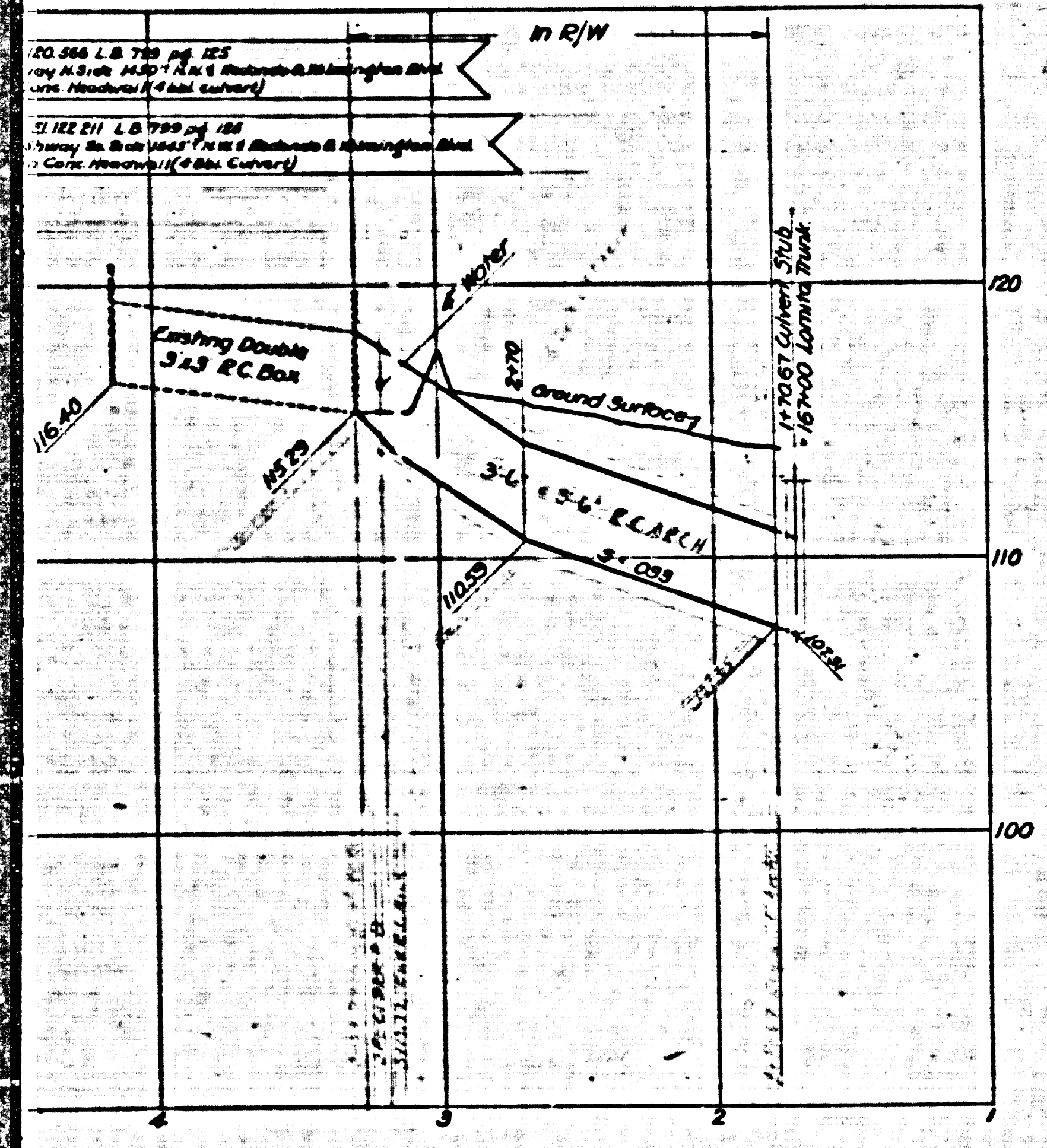
LOT NO. 170-1011 L.B. 799 1915
 State Hwy. S. 21.18452 NW 1/4 Sec. 16 T. 33 N. R. 12 E. 1st Spk. on Com. Roadwall

LOT NO. 170-1012 L.B. 799 1915
 State Hwy. N. 21.18452 NW 1/4 Sec. 16 T. 33 N. R. 12 E. 1st Spk. on Com. Roadwall



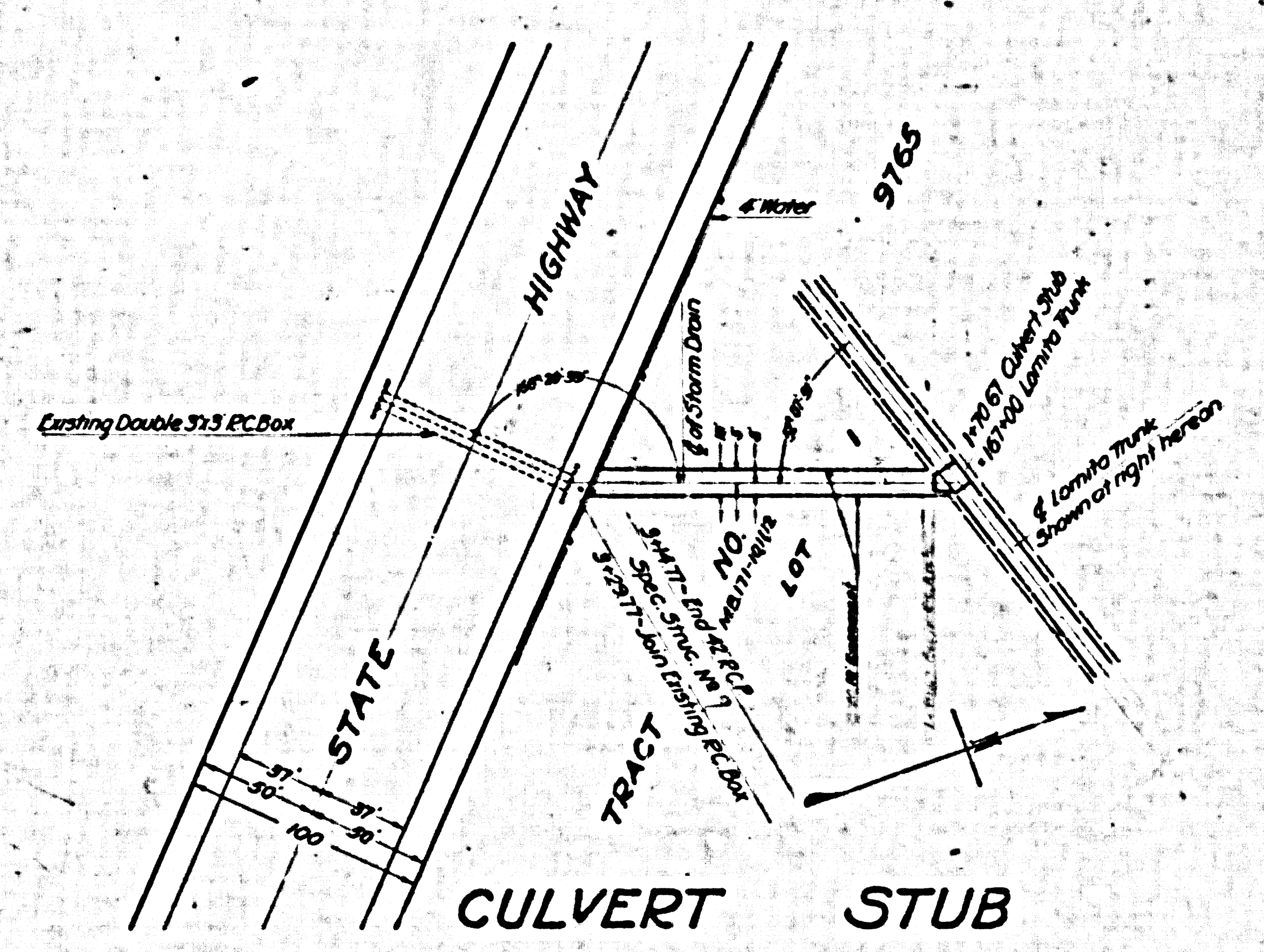
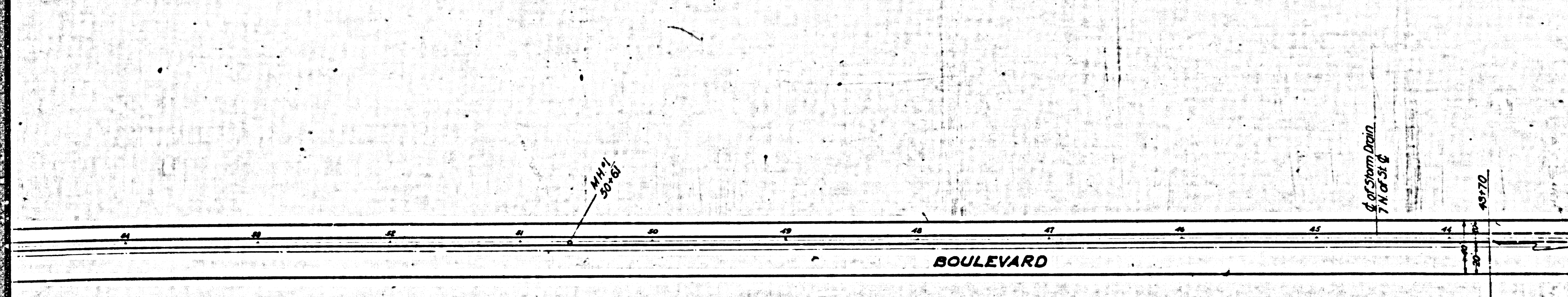
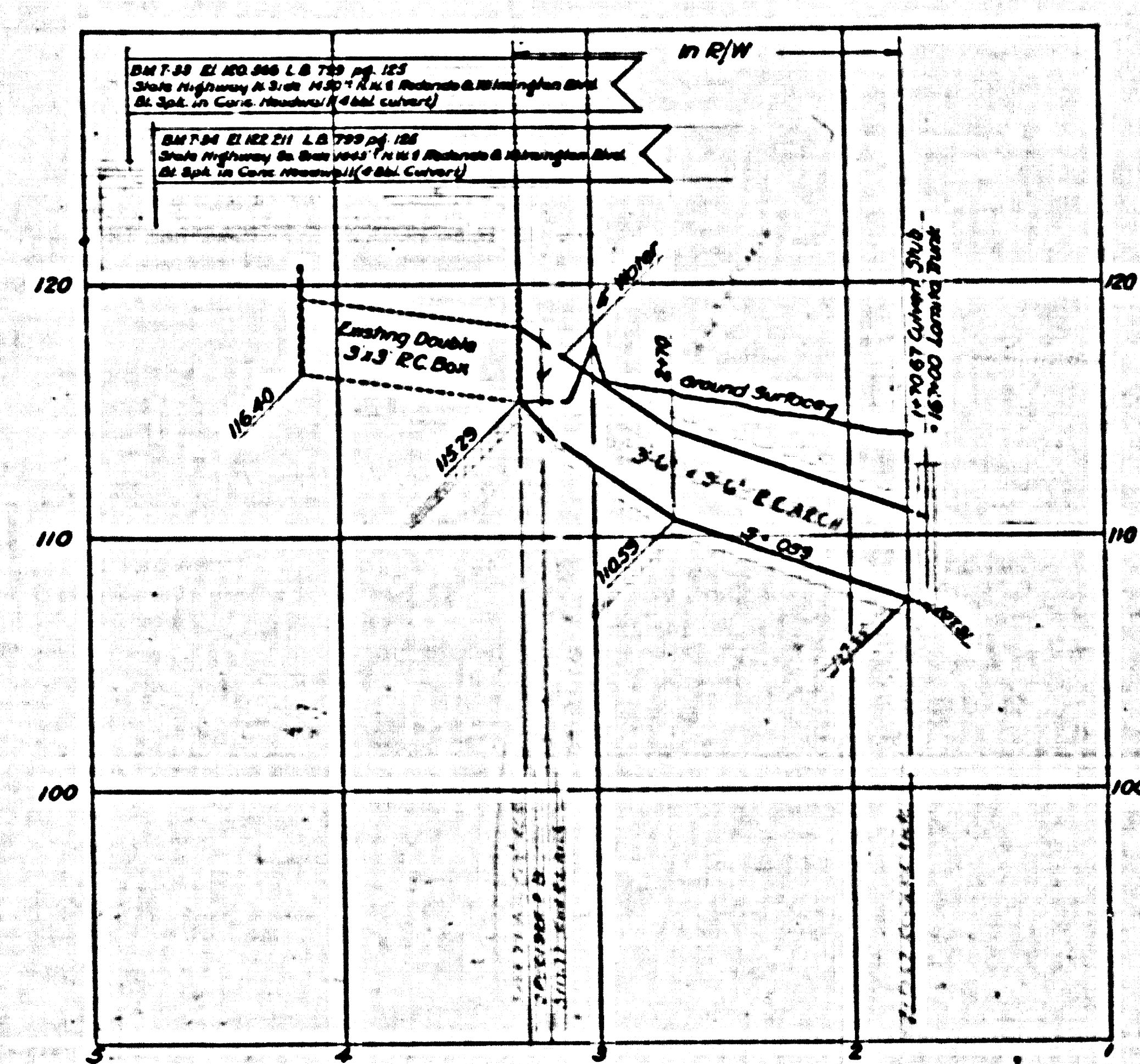
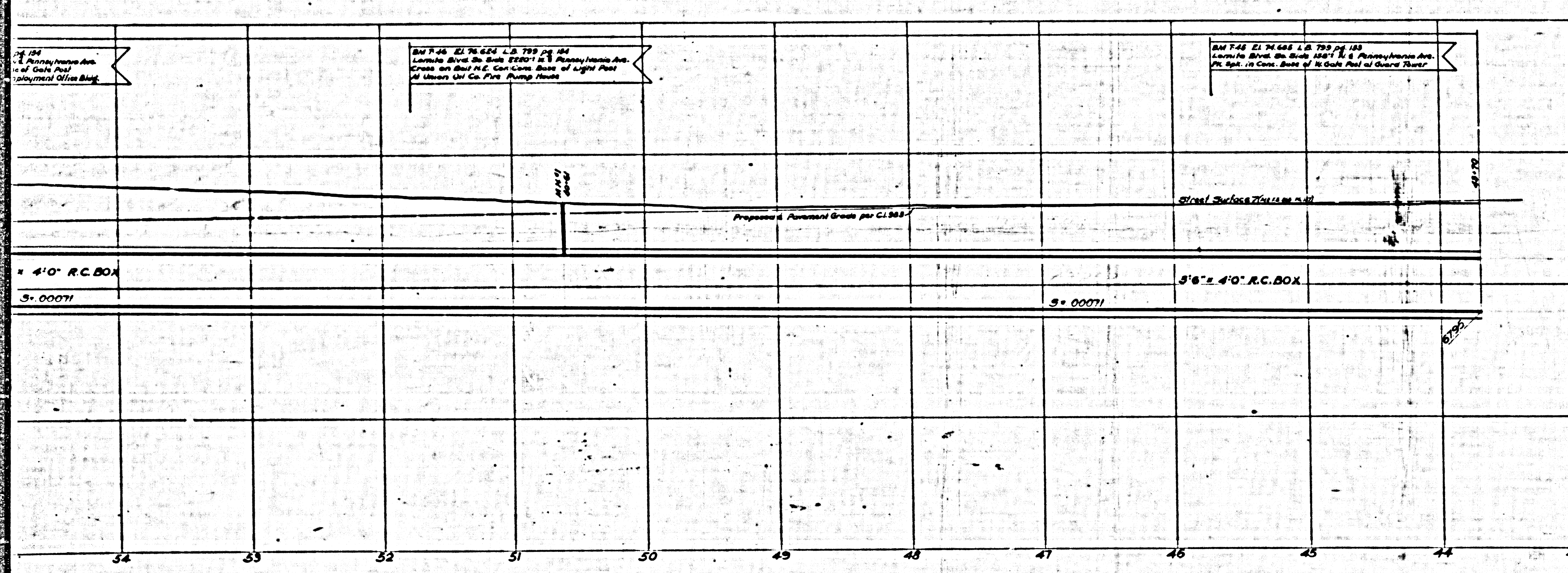
LOMITA TRUNK
 CSB-1165-4
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E771 T-35 Elev. 152.211 (6871) 152.211
 1st Spk. on concrete Roadwall (at Road end)
 E771 T-35 Elev. 149.430 (6879) 126
 Redondo + Wilmington Blvd. S. 21.27702 W. E. 322.641 ft.
 1st Spk. on Conc. Roadwall
 E771 T-35 Elev. 149.321 (6879) 126
 Redondo + Wilmington Blvd. N. 21.26402 W. E. 322.641 ft.
 1st Spk. on Conc. Roadwall
 E771 T-35 Elev. 152.211 (6871) 152.211
 1st Spk. on Conc. Roadwall (at Road end)



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