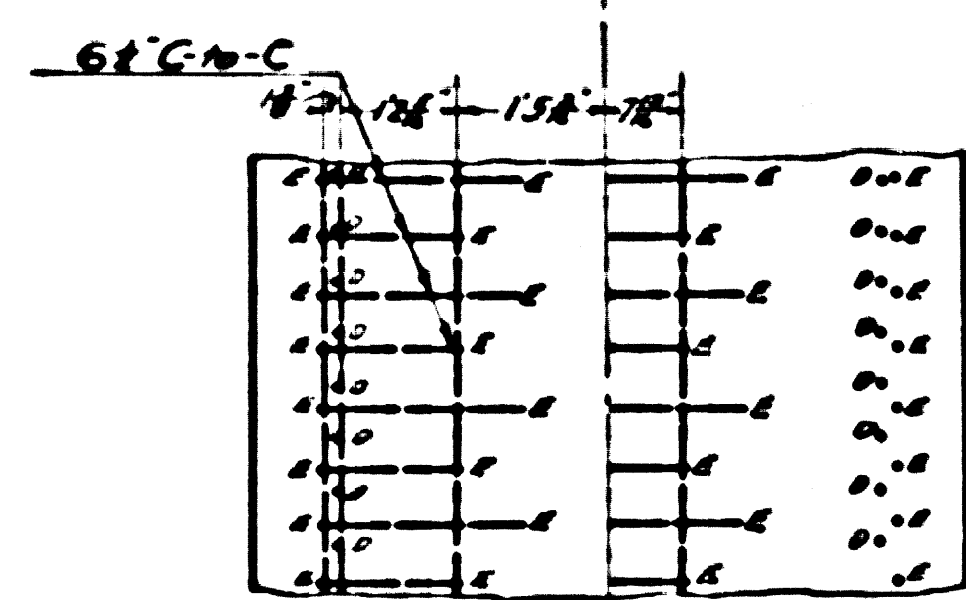
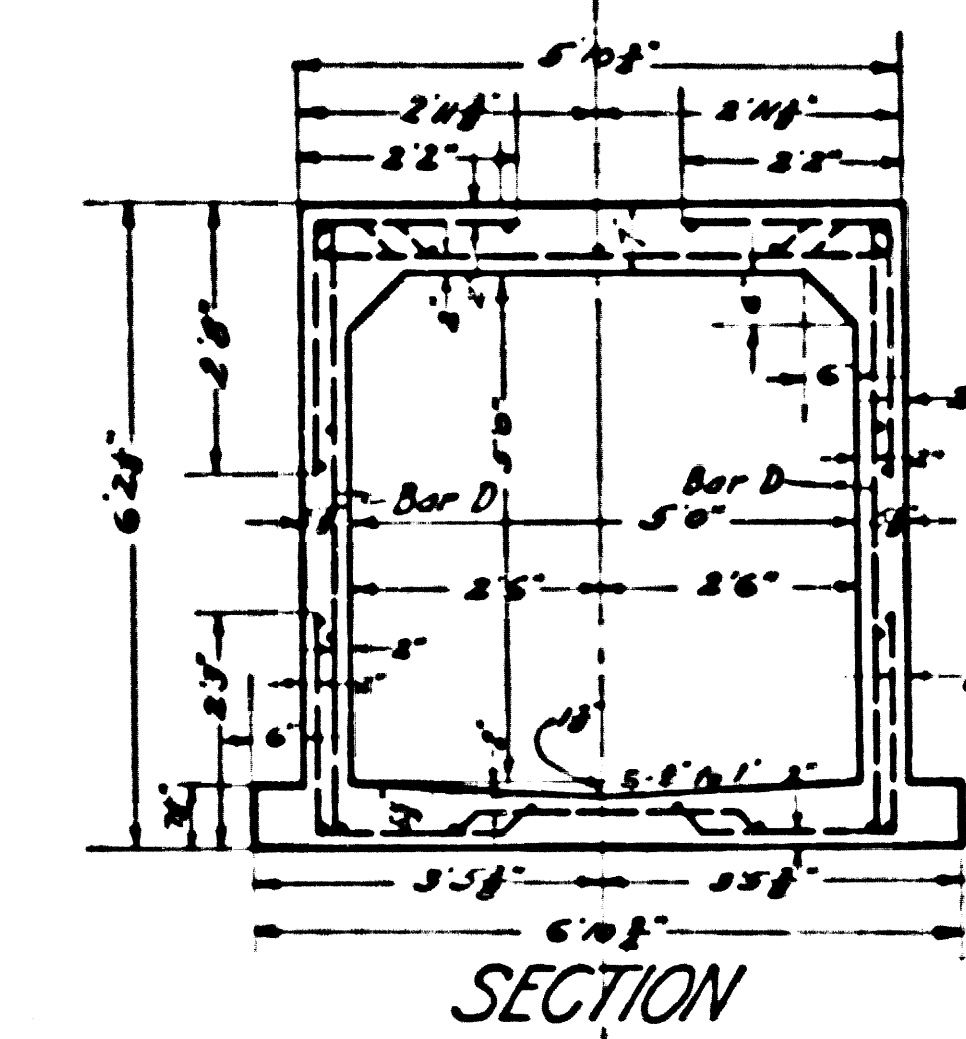
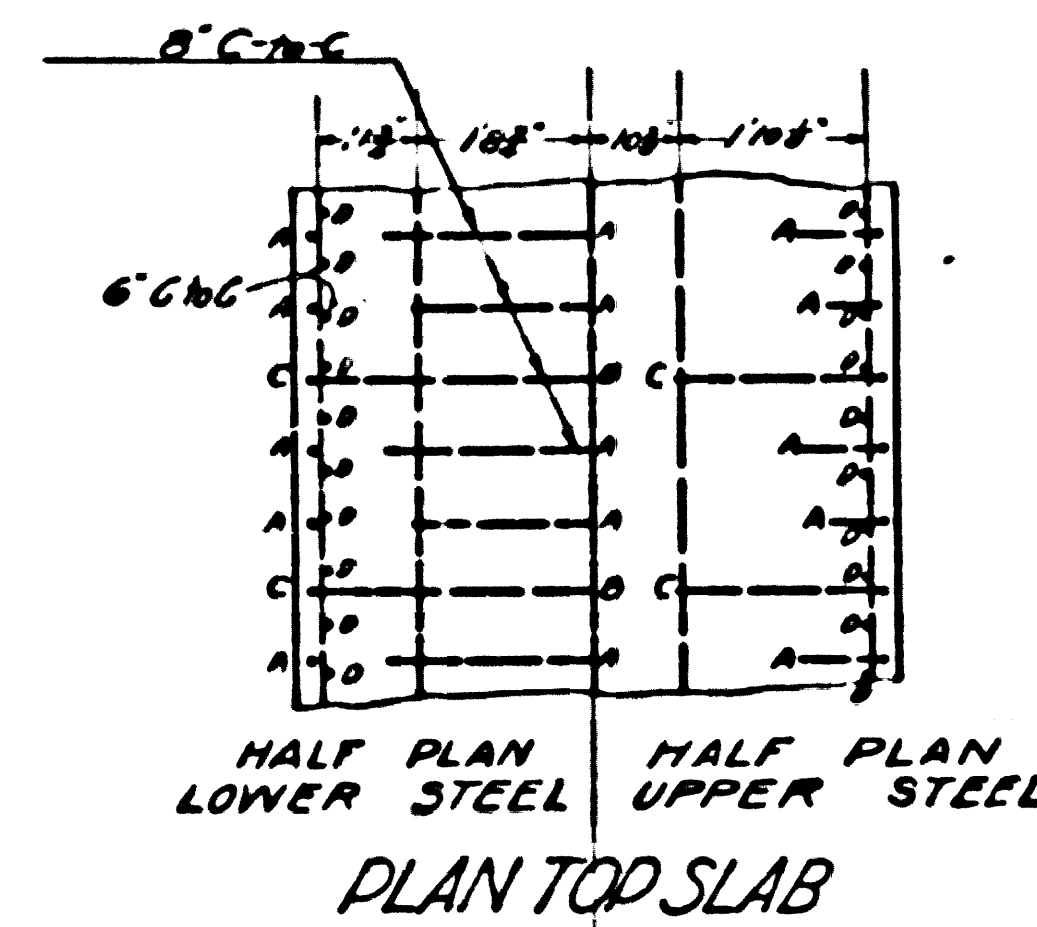
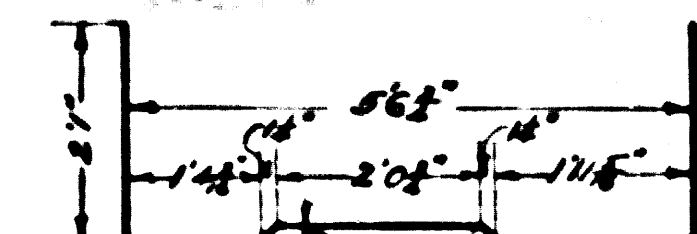
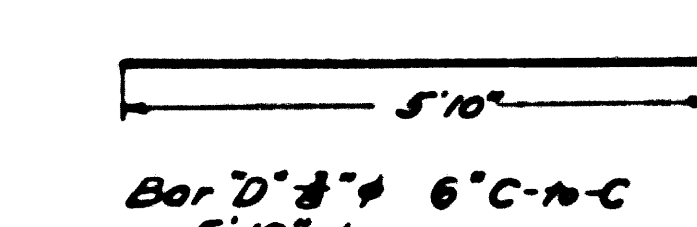
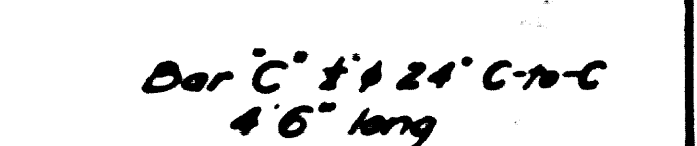
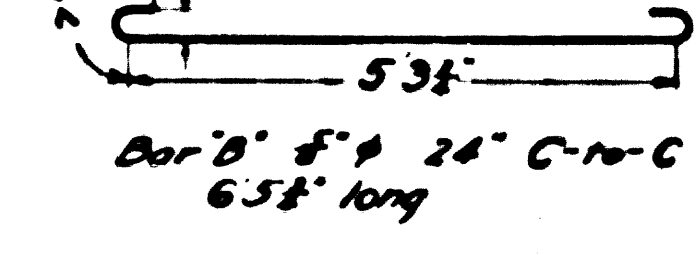
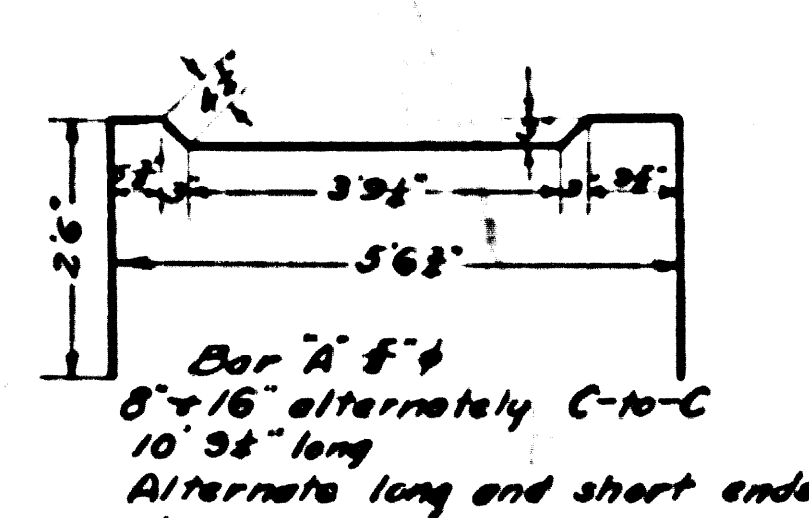


Longitudinal Steel: 25 Bars: 1/2\"/>



Section XXXIII from Station 1+60 to Station 4+00 of Wilmington Ave. Line, Sheet 16.
 Total Length = 240 feet
 Class A Concrete = 0.4337 cubic yards per foot
 Reinforcing Steel = 56,096 pounds per foot (on tangent)
 Top Slab Cover = 3" Total Load = 1218 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.



Longitudinal Steel: 25 Bars: 1/2\"/>

REINFORCED CONCRETE
BOX 5'-0" X 5'-0"
SECTION XXXIII
FROM STATION 1+60 TO STATION 4+00
OF WILMINGTON AVE. LINE.
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

NOTES:

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.

Reviewed for Corrections

August 1941
 A.T. Rincard

GLEN AVENUE
DRAINAGE SYSTEM
 OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF BOX SECTIONS
 SECTIONS XXXIII TO XXXIII

SHEET 20 OF 26 SHEETS

SCALE AS SHOWN

NOVEMBER 1935

ALFRED JONES

COUNTY SURVEYOR

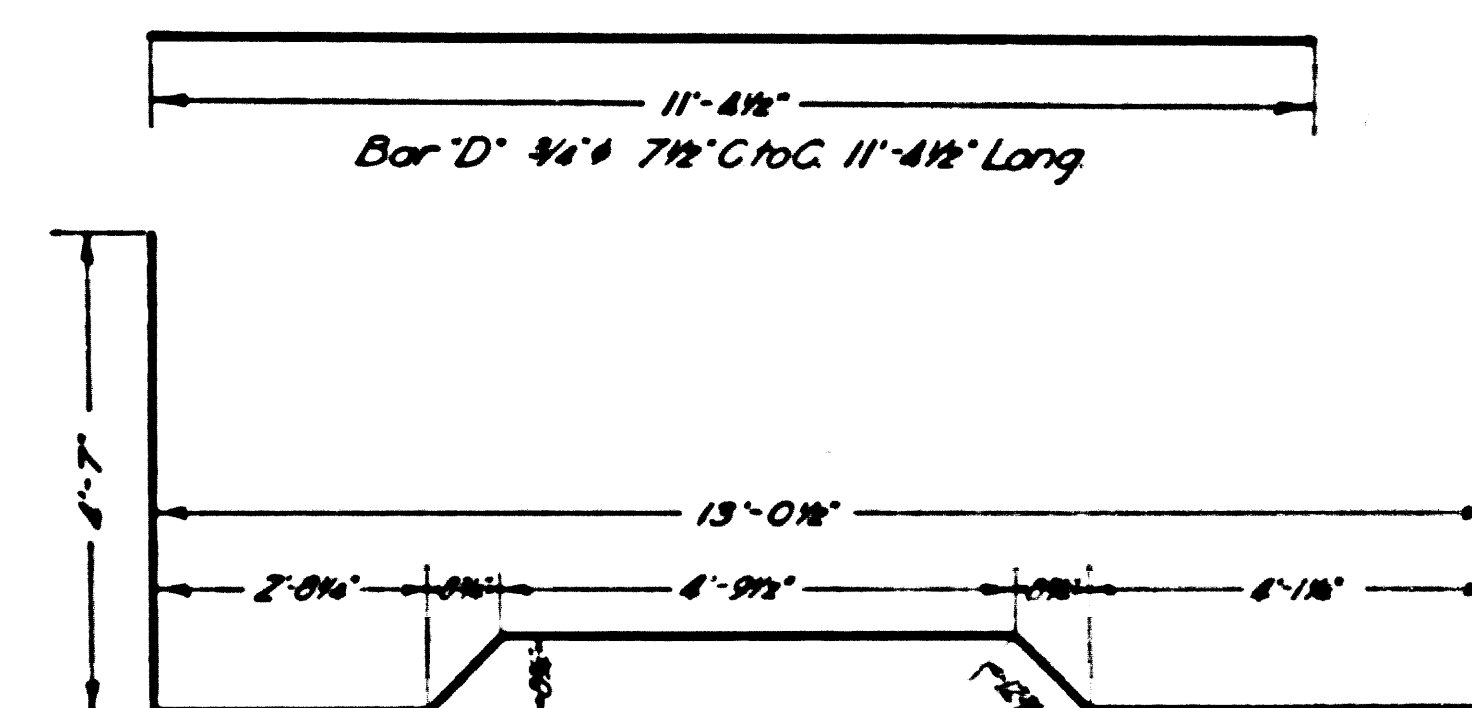
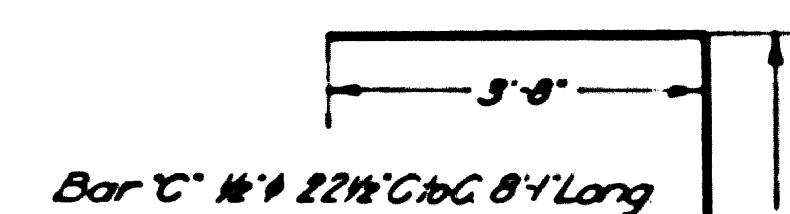
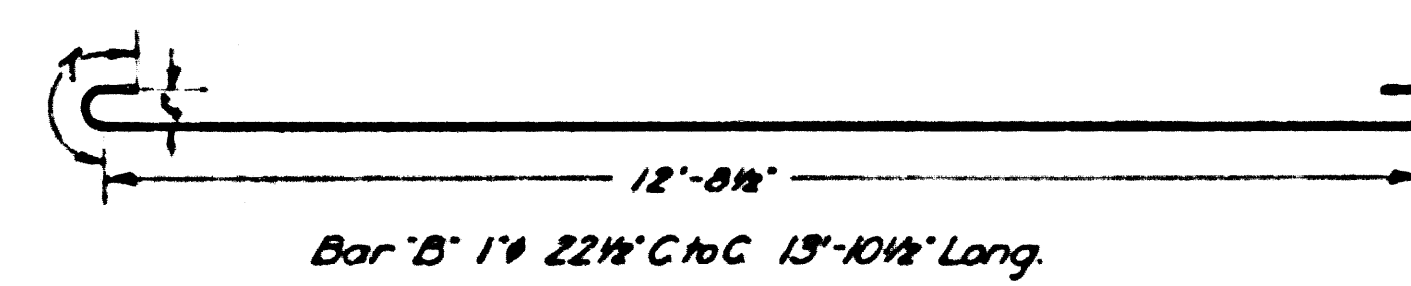
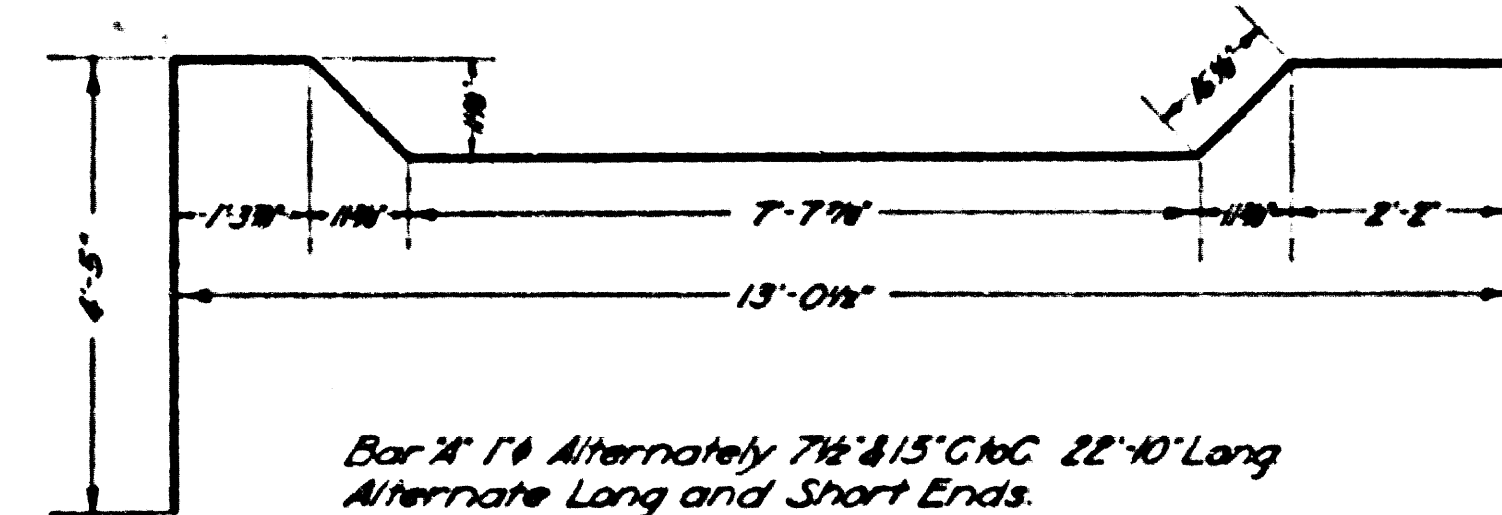
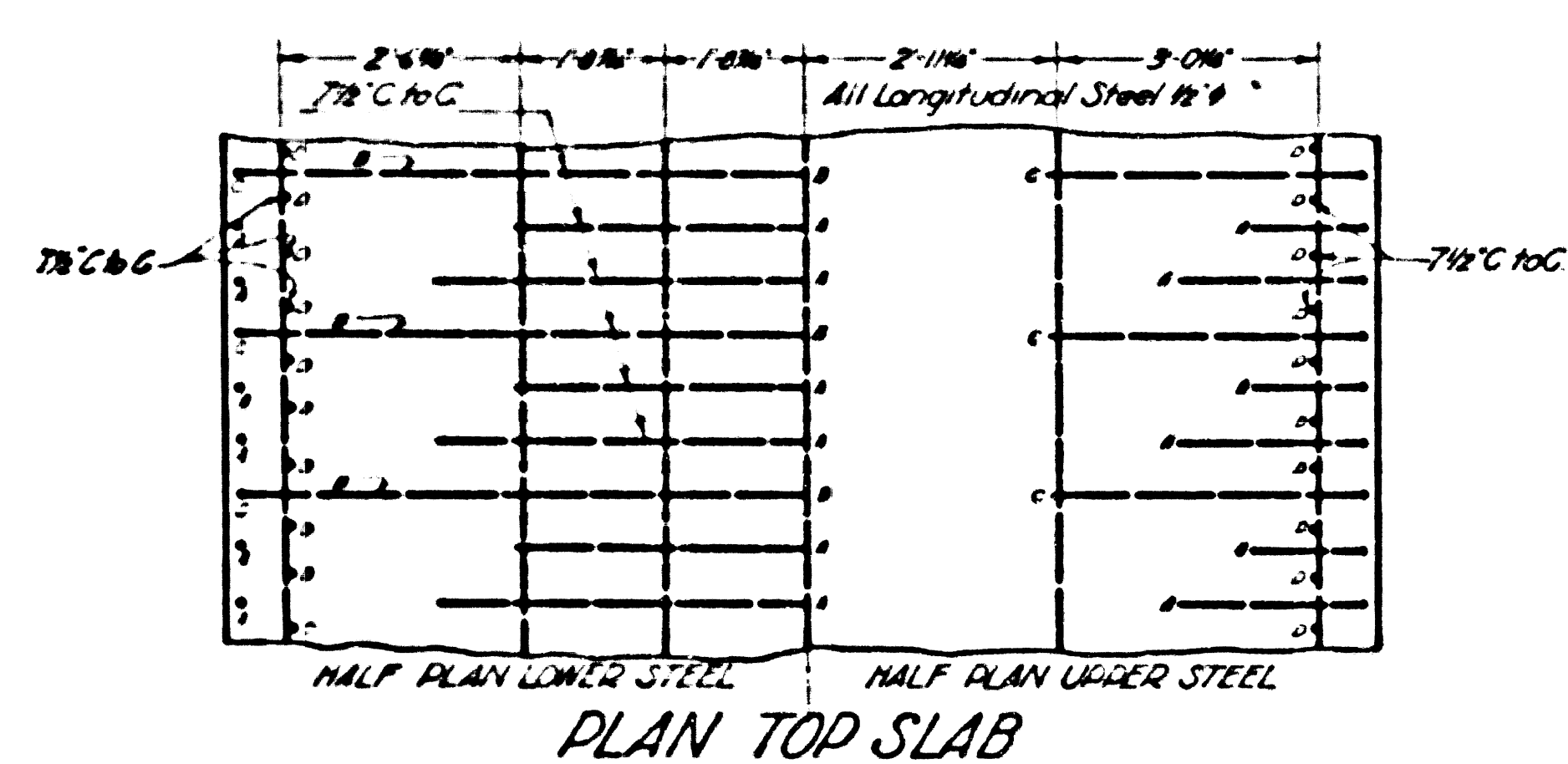
RECOMMENDED

APPROVED

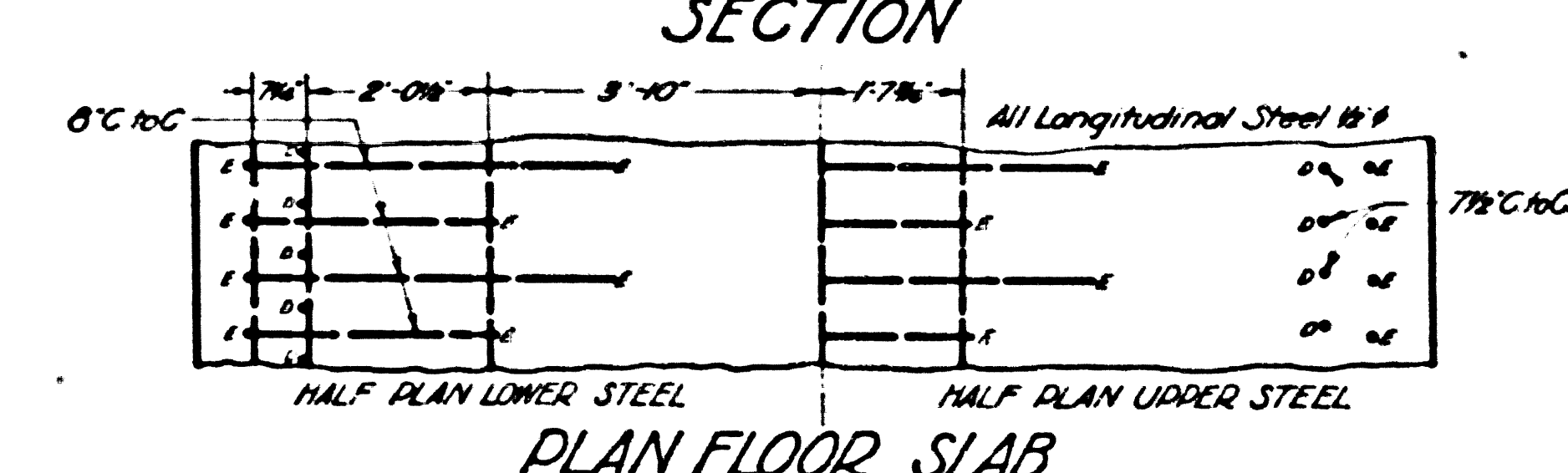
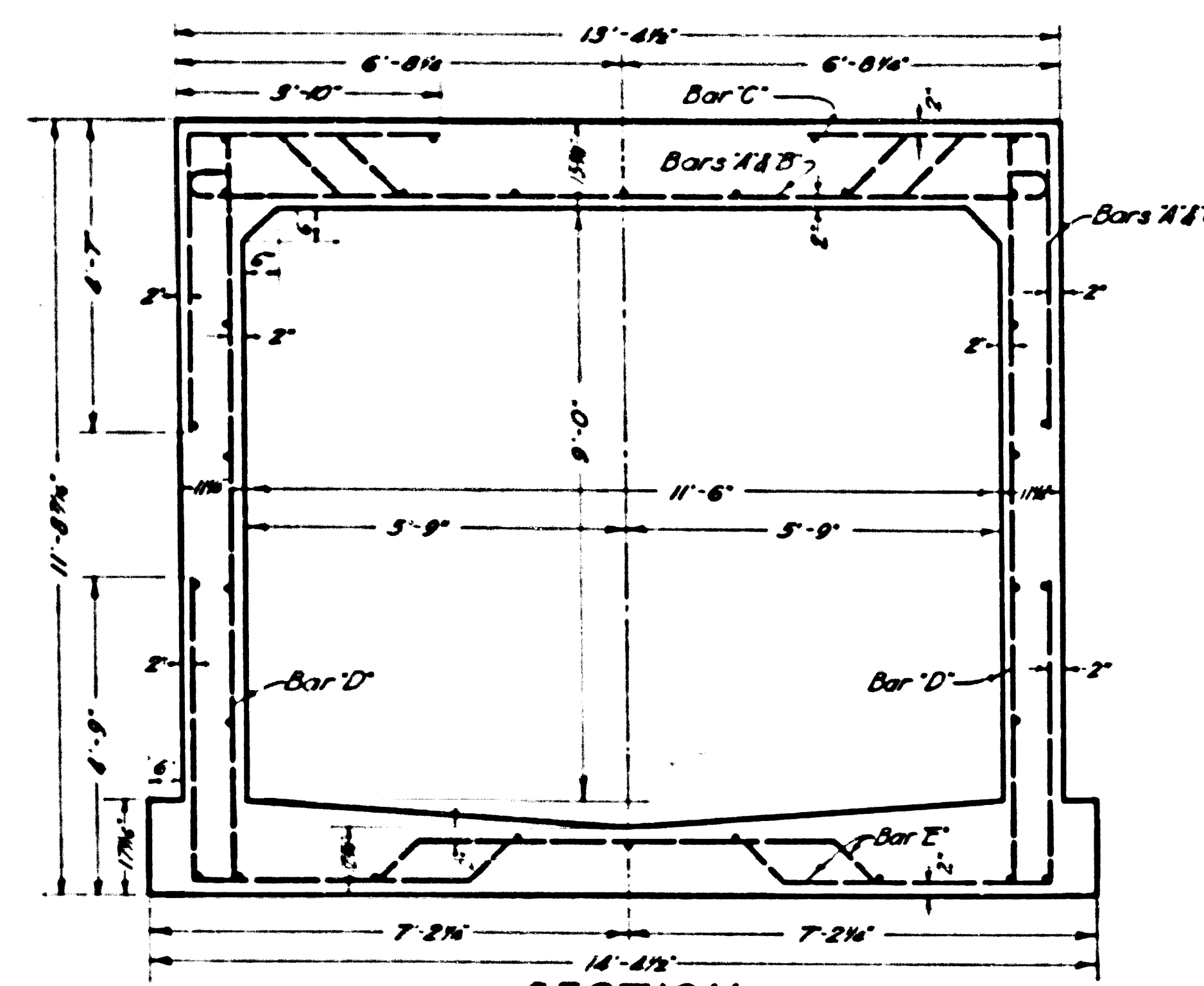
REFERENCE	DESIGNED	E.E. Mitchell	NOV 1933
	TRACED	G.R. Hornbrook	JAN 1935
Revised 12-10-35	CHECKED	R.L. Gregory	JAN 1935

CSB-1171-20
 A1 OF A10

1+00 to Station 33+85 of Wilmington Ave. Line, Sheet 15.
 1715 lbs per sq foot (on tangent)
 1715 lbs per sq foot
 Steel refer to center lines.
CLASS A1 CONCRETE
5'-0" X 5'-0"
SECTION XXXII
FROM STATION 33+85
OF WILMINGTON AVE. LINE.
CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

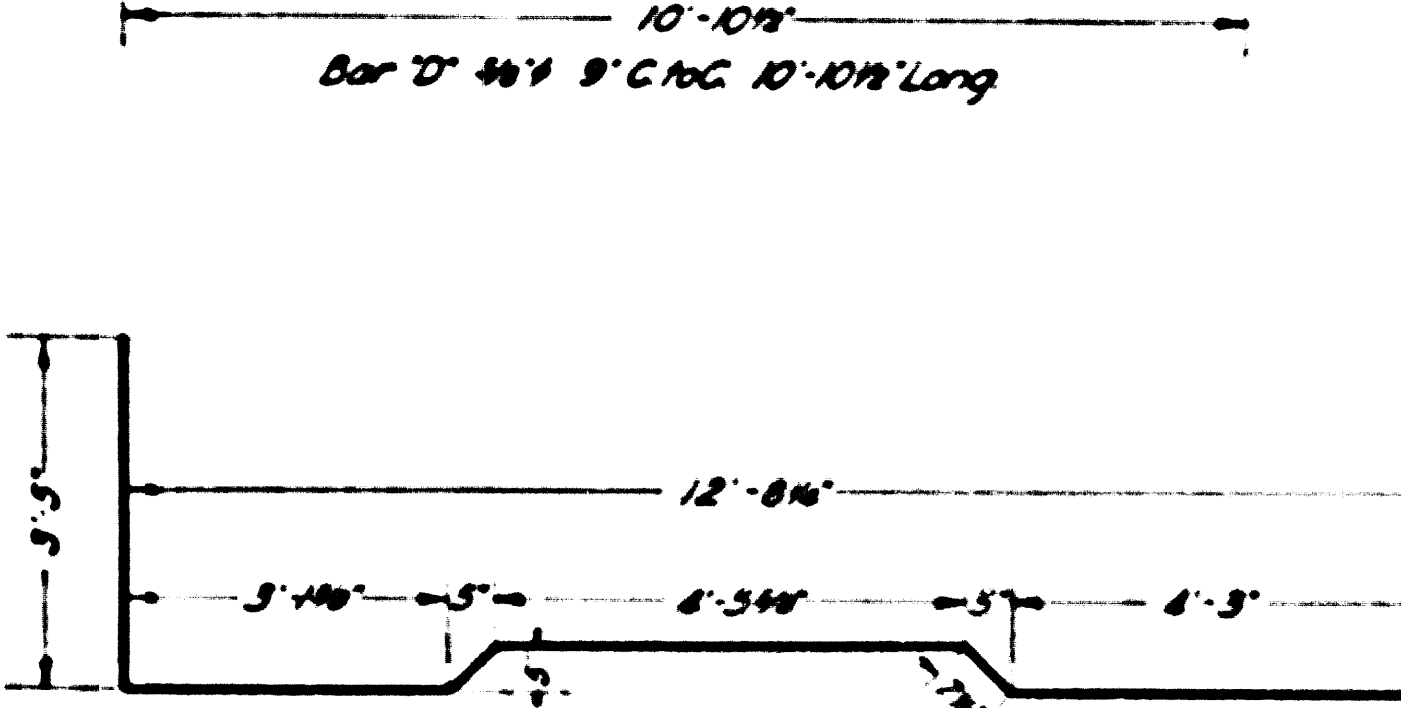
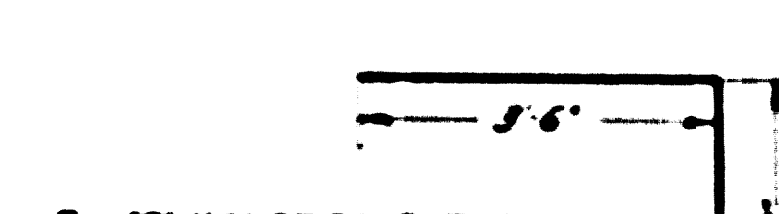
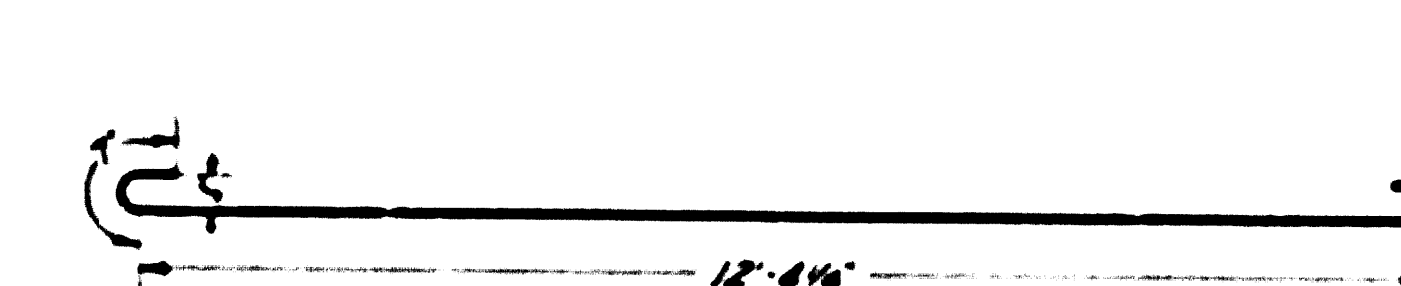
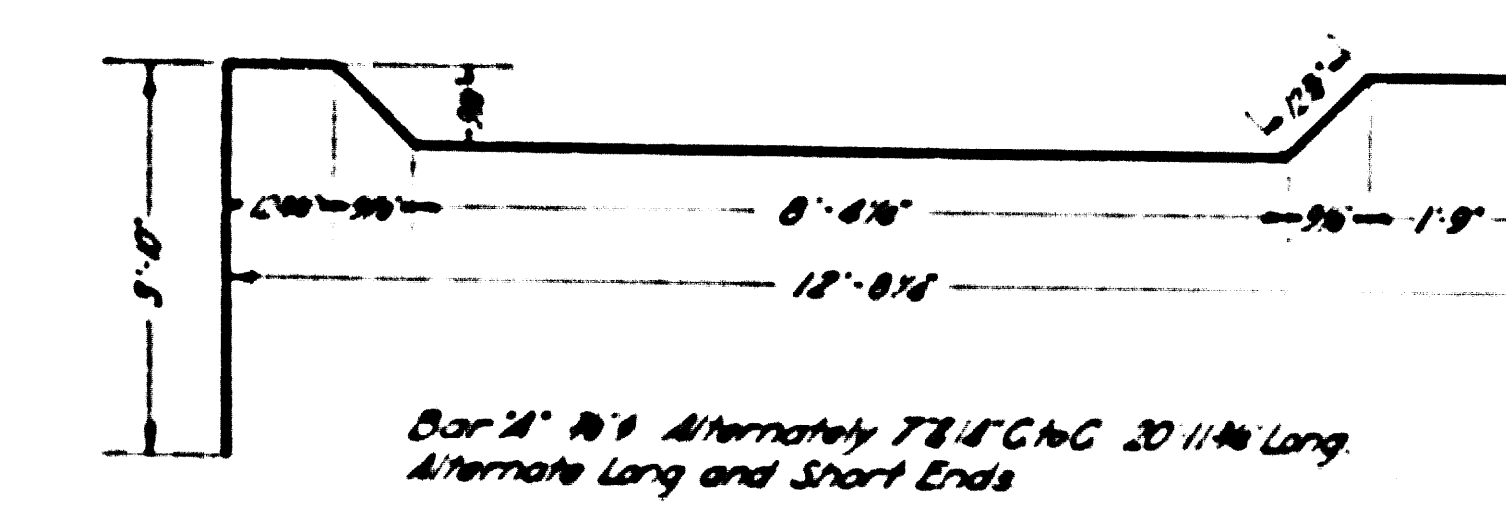
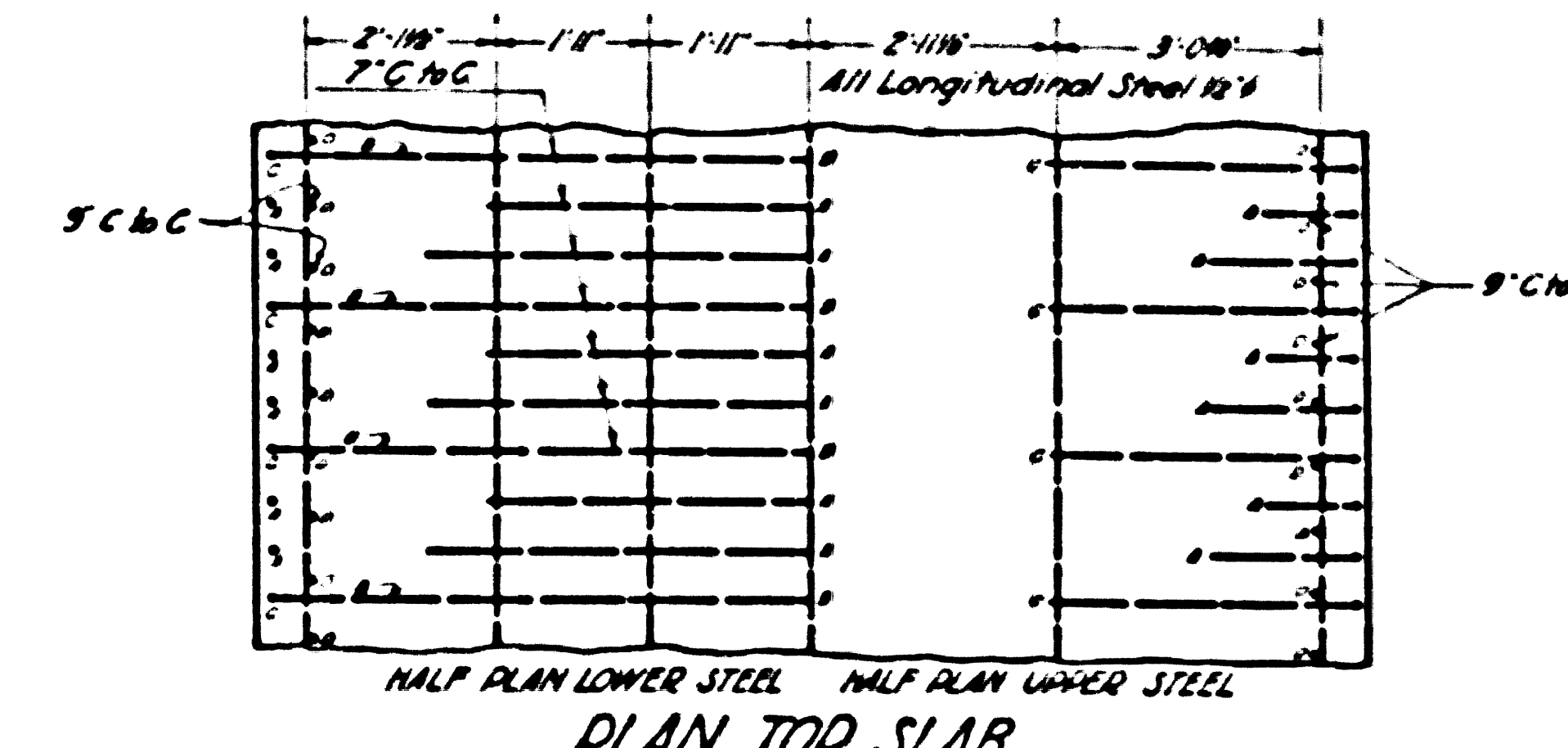


Longitudinal Steel: 32 Bars #4

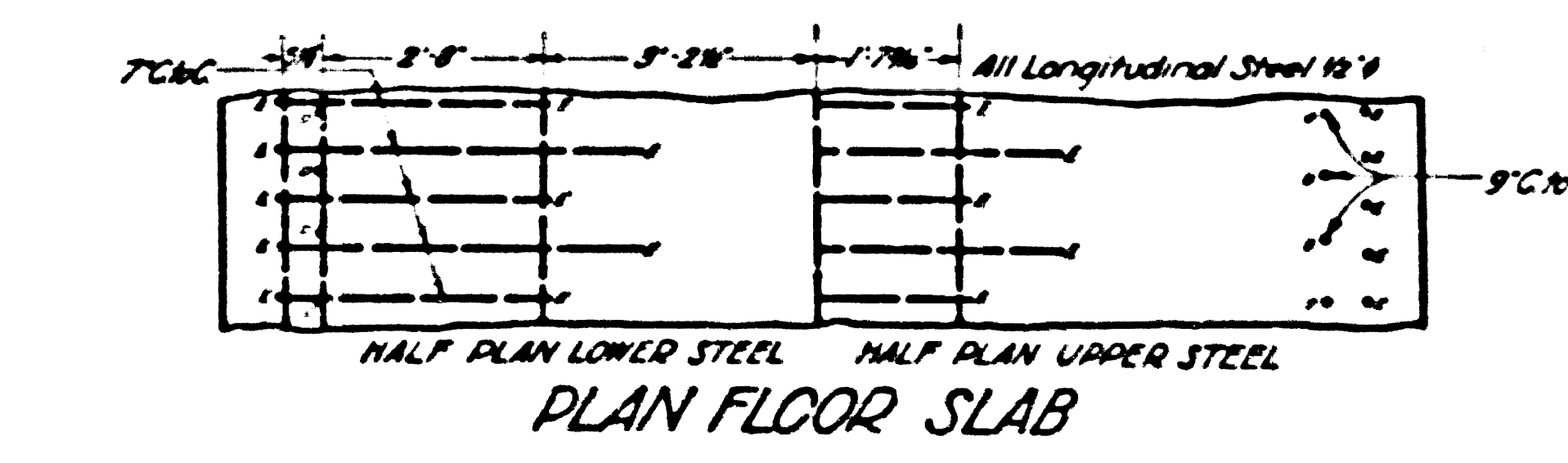
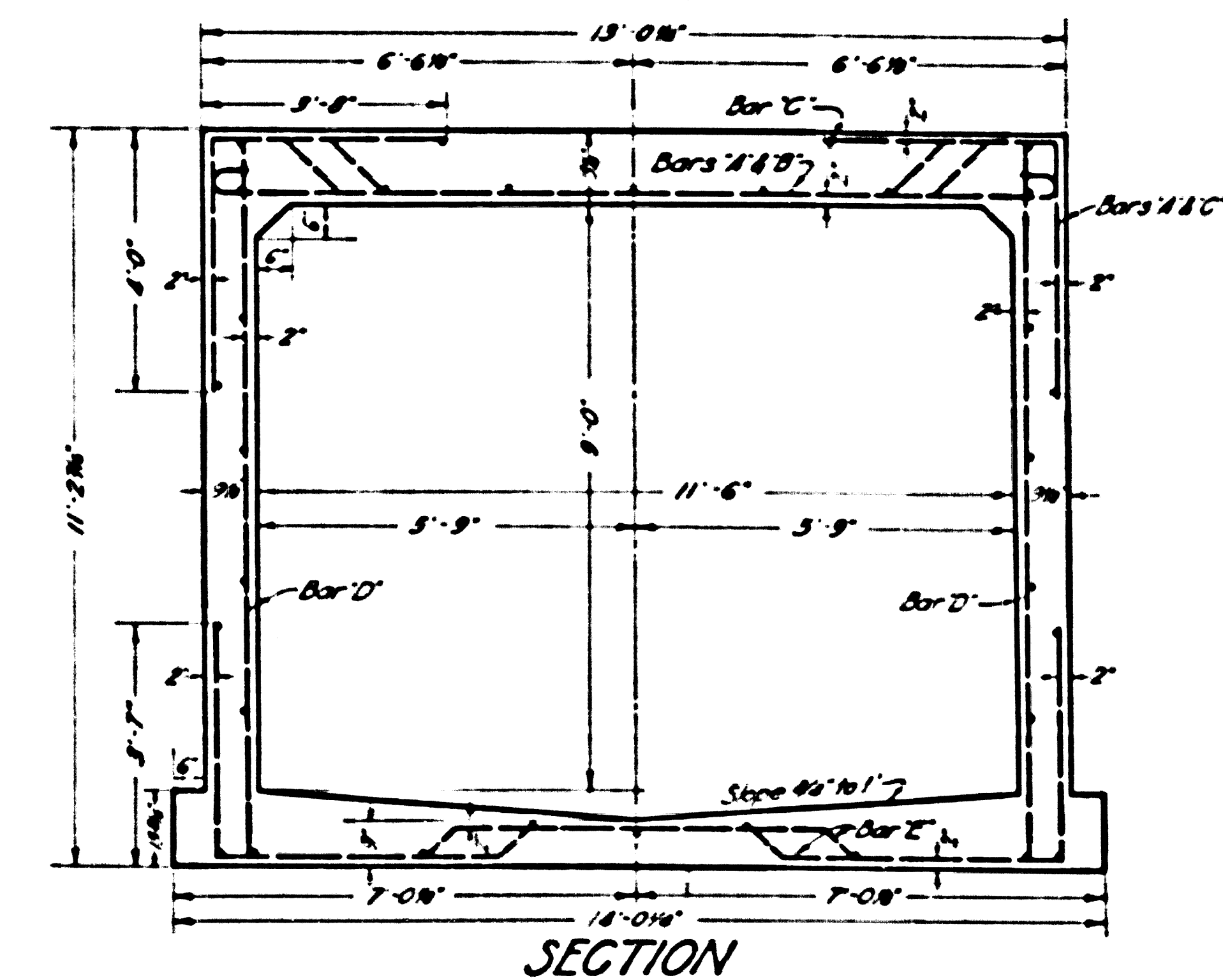


Section XXXI from Station 73+30 to Station 73+55 of Glen Ave. Trunk, Sheet 5.
Total Length = 25 Feet
Class A Concrete = 15495 cubic yards per foot
Reinforcing Steel = 2610810 pounds per foot (on tangent)
Top Slab: Cover = 2" Total Load = 1648 lbs per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXVI
FROM STATION 73+30 TO STATION 73+55
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'



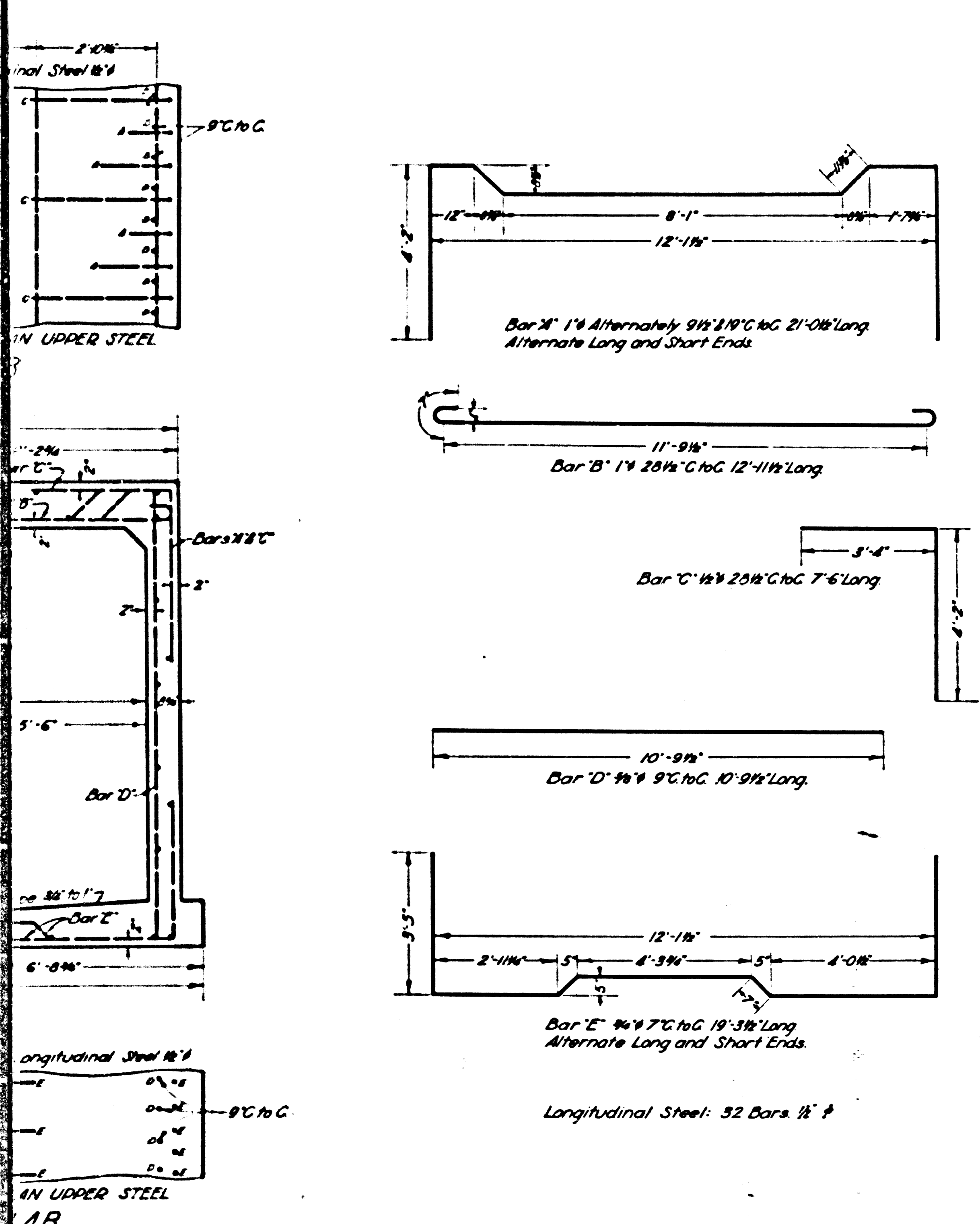
Longitudinal Steel: 32 Bars #4



Section XXXII from Station 64+32 to Station 73+30 of Glen Ave. Trunk, Sheet 5.
Total Length = 698 feet
Class A Concrete = 15432 cubic yards per foot
Reinforcing Steel = 755875 pounds per foot (on tangent)
Top Slab: Cover = 1" Total Load = 1138 lbs per sq. foot.
Dimensions to Reinforcing Steel refer to center lines.

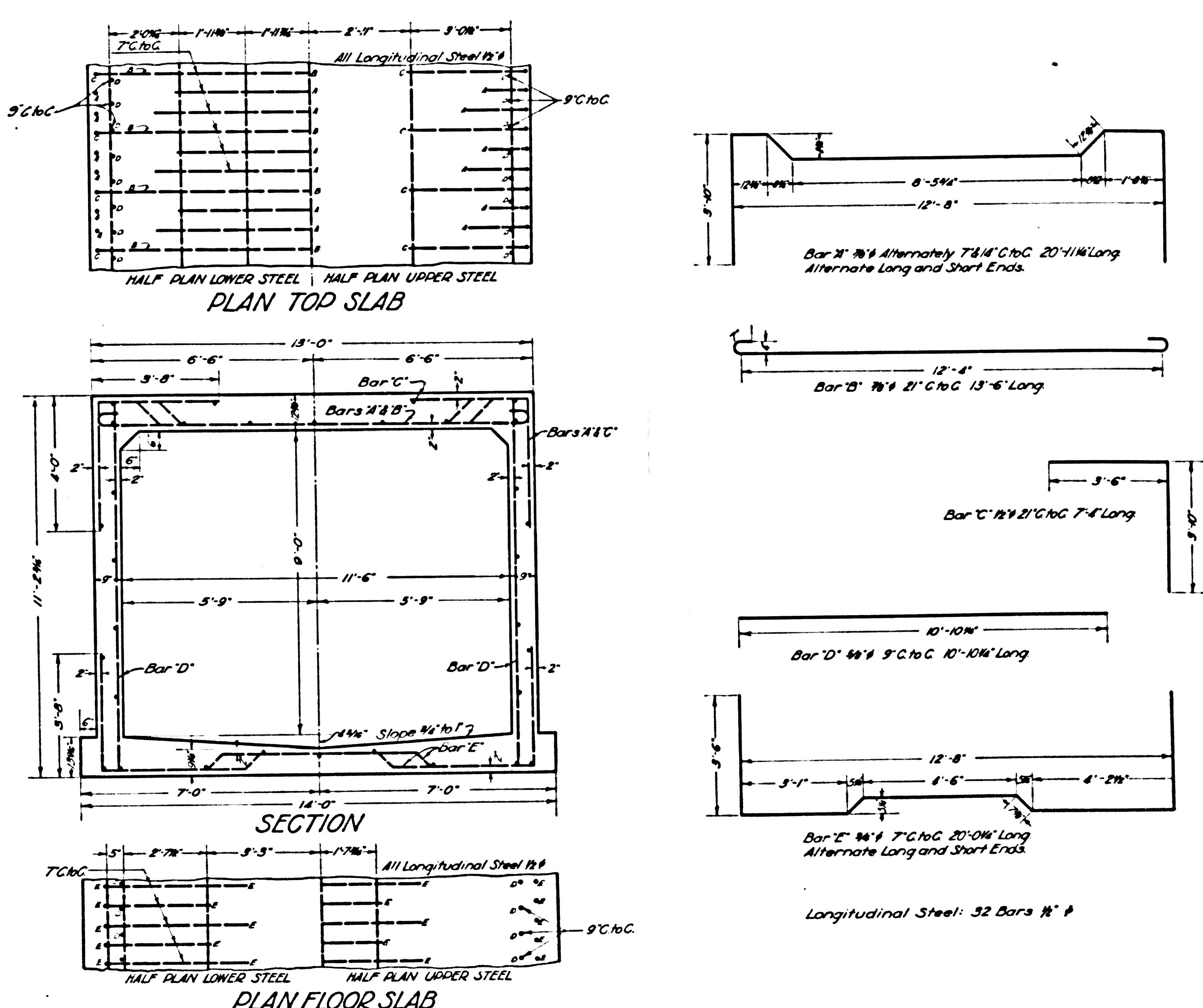
REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXVII
FROM STATION 64+32 TO STATION 73+30.
OF GLEN AVE. TRUNK.
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

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A5 OF A10



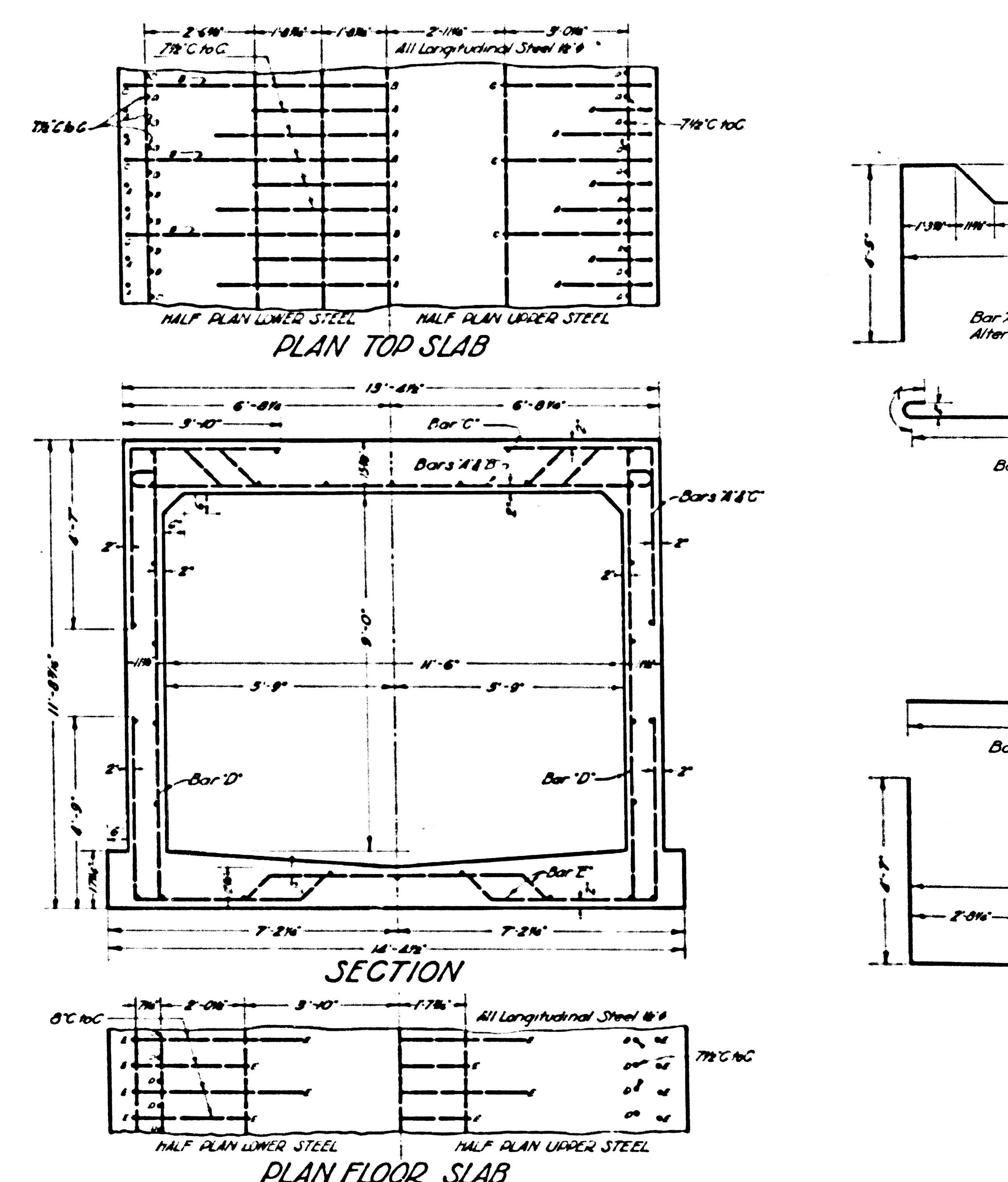
Section XXIV From Station 84+68.91 to Station 105+17.70 of Glen Ave. Trunk, Sheet 5.
 Total Length = 2048.79 Feet
 Class #1 Concrete = 14463 cubic yards per foot
 Reinforcing Steel = 1634017 pounds per foot (on tangent)
 Top Slab Cover = 2" Total Load = 1035 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-0"
SECTION XXIV
STATION 84+68.91 TO STATION 105+17.70
OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2"=1'



Section XXV From Station 73+55.00 to Station 84+59.58 of Glen Ave. Trunk, Sheet 5.
 Total Length = 1104.58 Feet
 Class #1 Concrete = 15304 cubic yards per foot
 Reinforcing Steel = 171798 pounds per foot (on tangent)
 Top Slab Cover = 2" Total Load = 1069 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

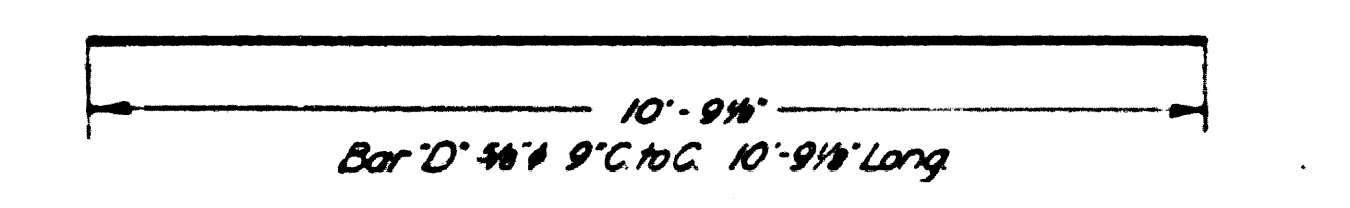
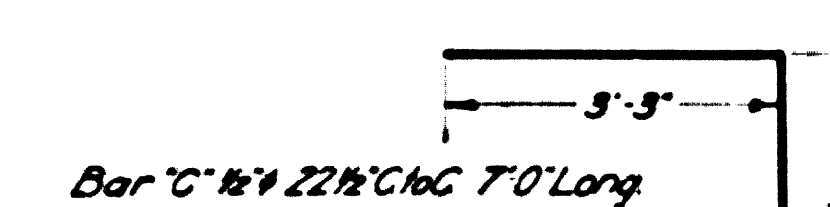
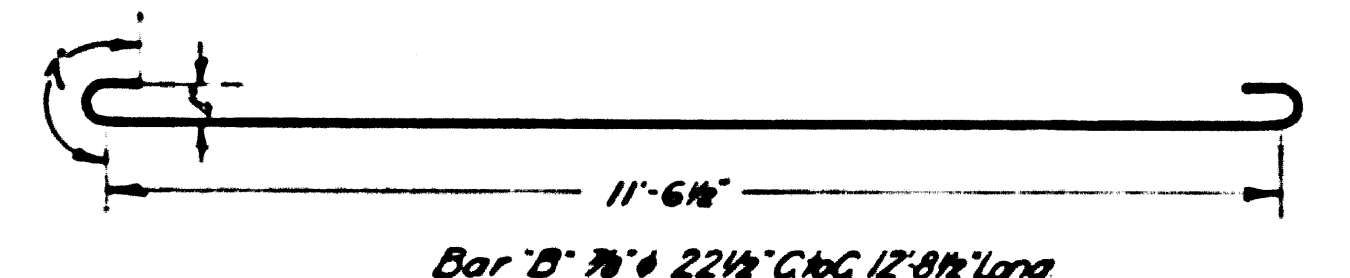
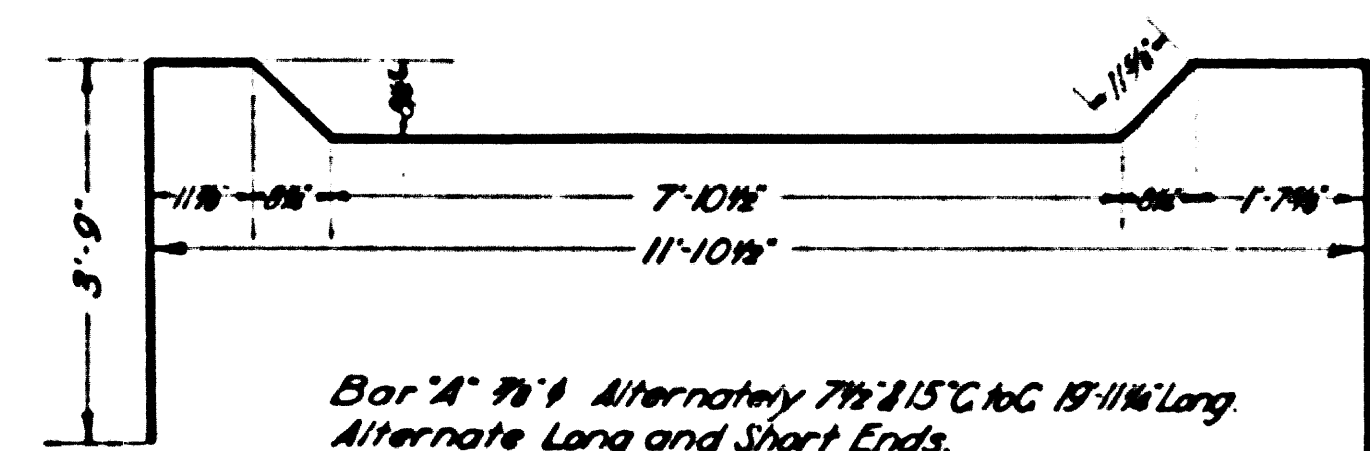
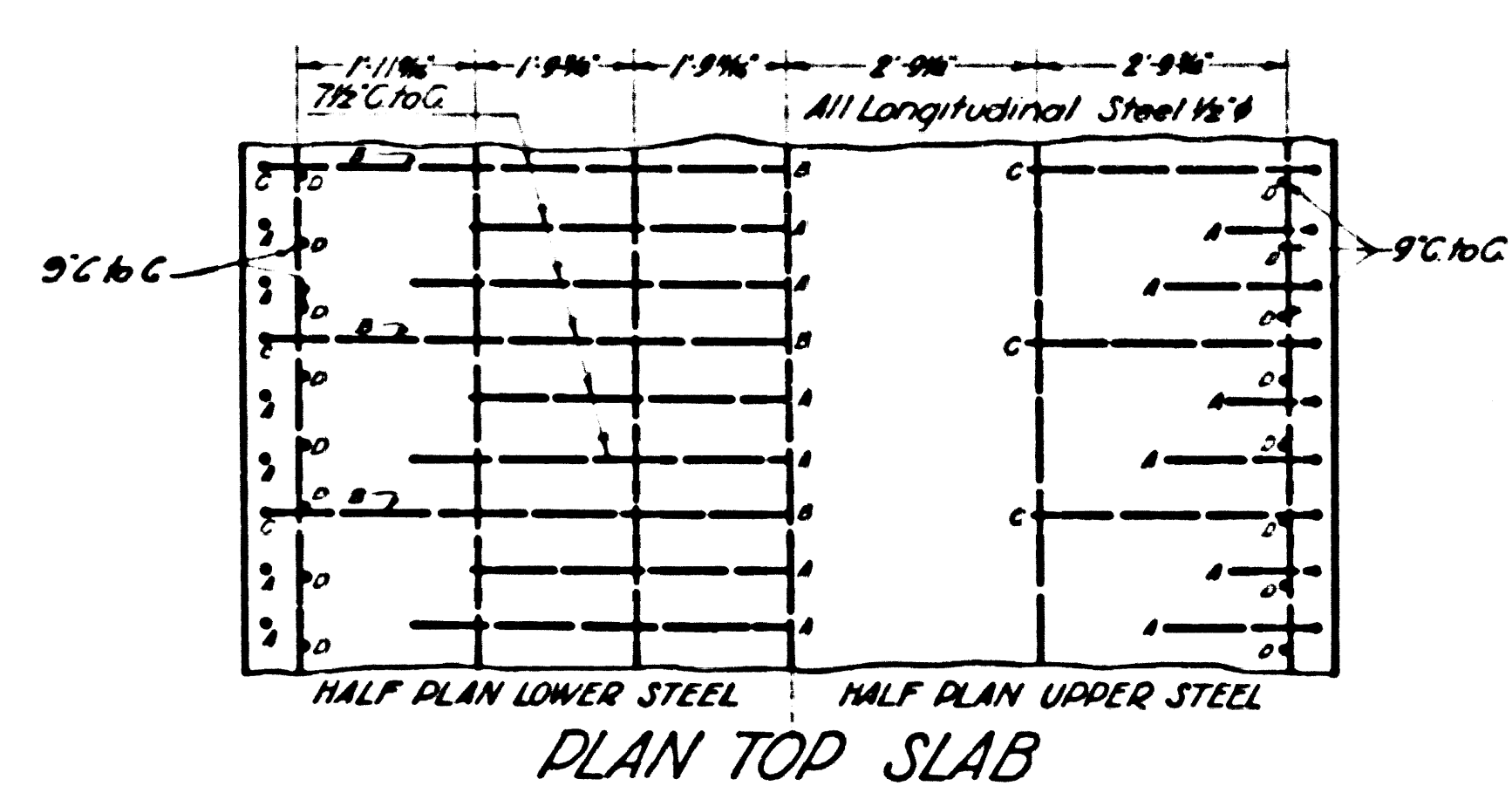
REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXV
FROM STATION 73+55.00 TO STATION 84+59.58.
OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2"=1'



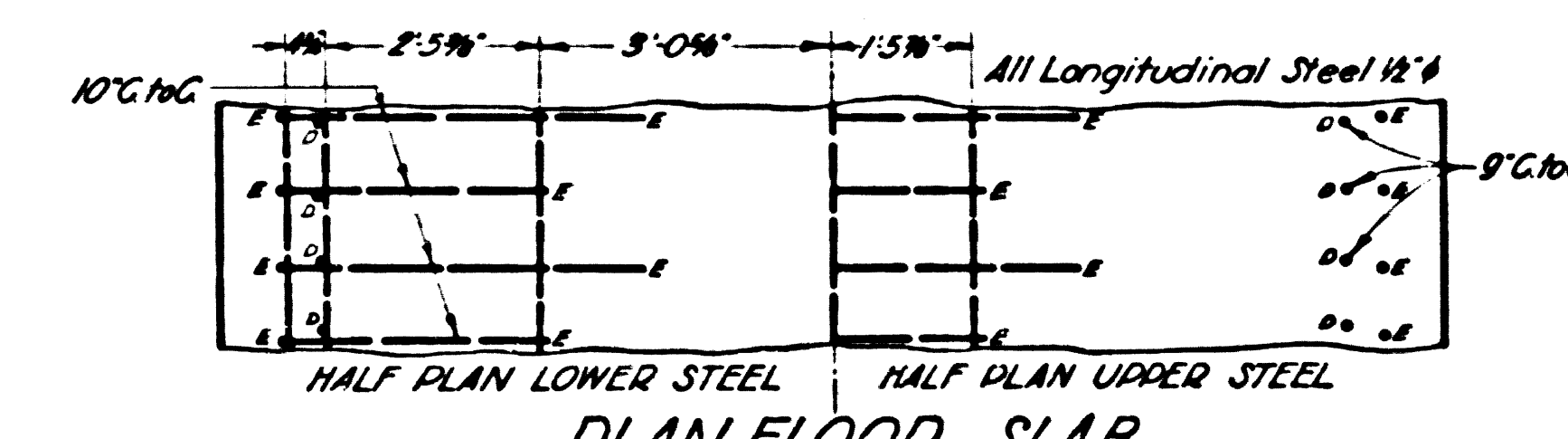
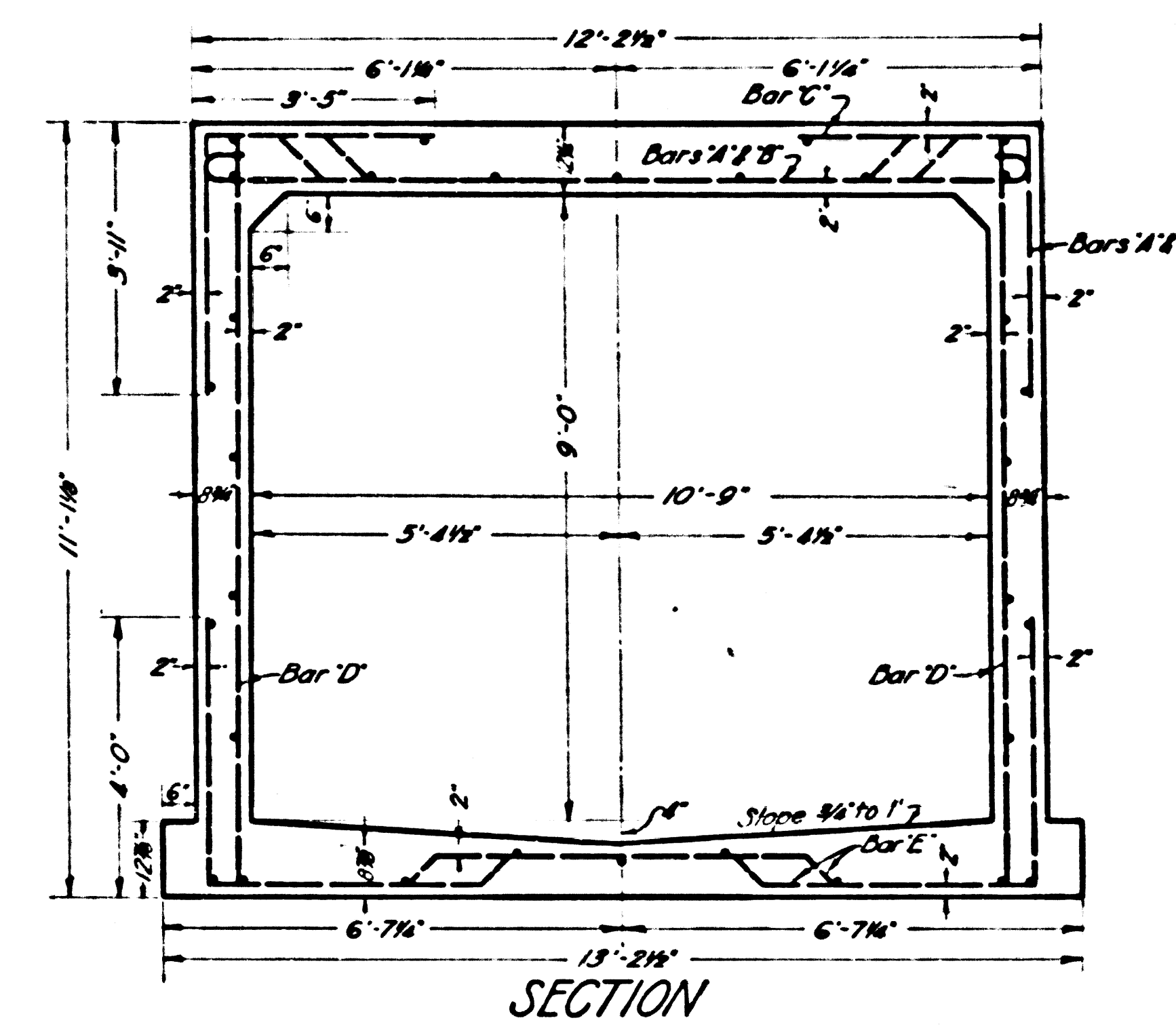
Section XXVI From Station 73+30 to Station 73+53 of Glen Ave. Trunk, Sheet 5.
 Total Length = 23 Feet
 Class #1 Concrete = 9495 cubic yards per foot
 Reinforcing Steel = 2310818 pounds per foot (on tangent)
 Top Slab Cover = 2" Total Load = 1648 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" X 11'-6"
SECTION XXVI
FROM STATION 73+30 TO STATION
OF GLEN AVE. TRUNK.
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2"=1'

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 AG OFA10

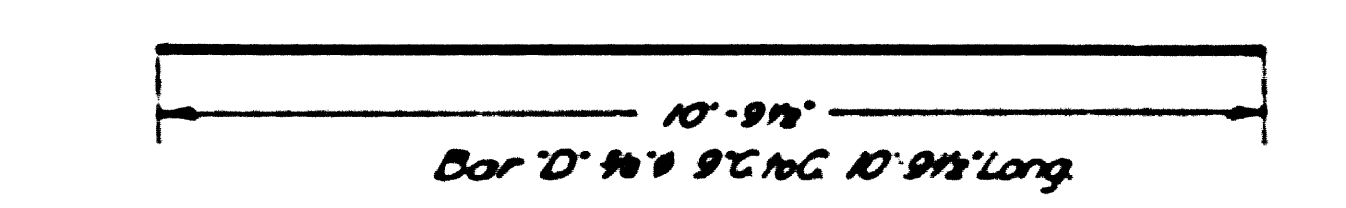
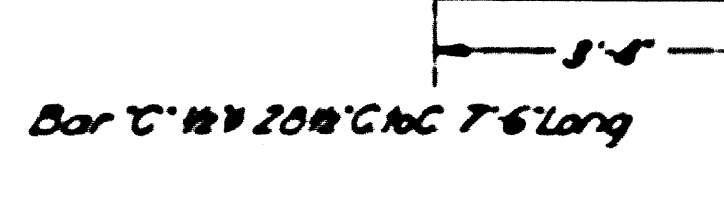
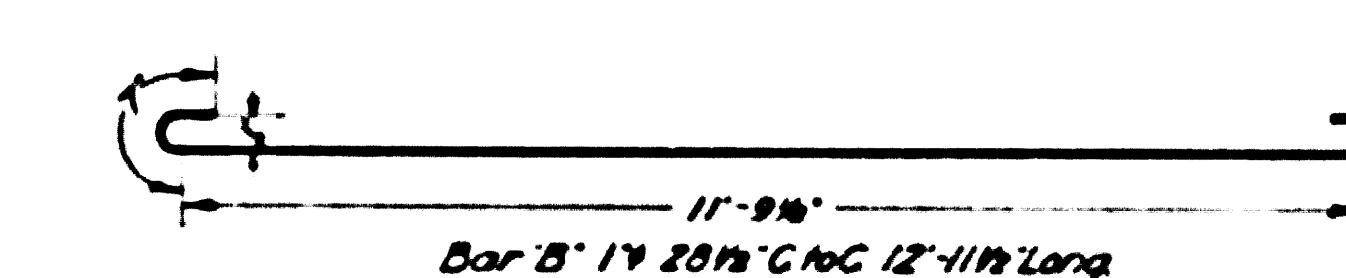
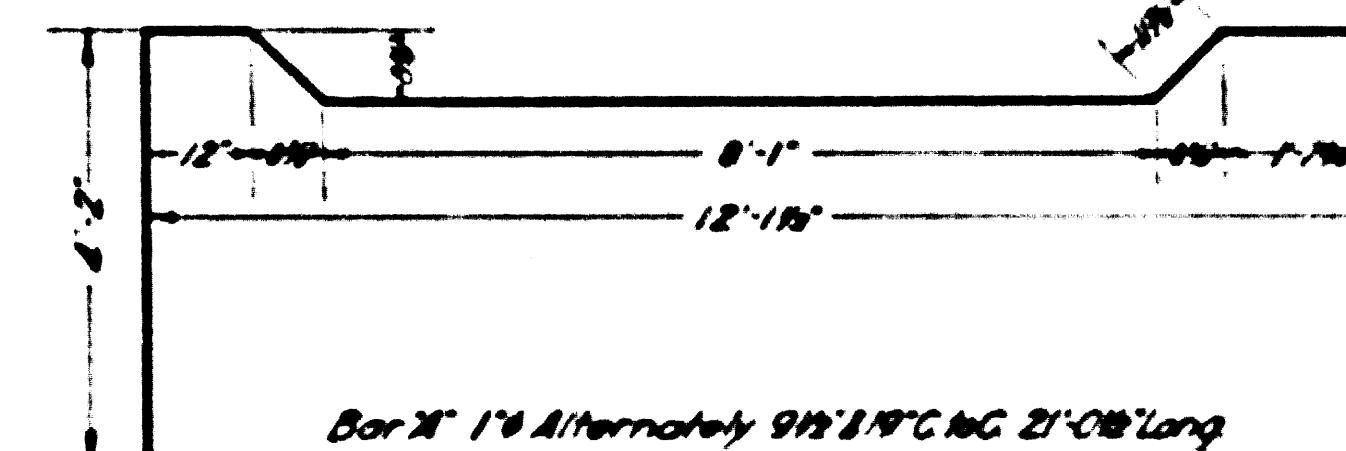
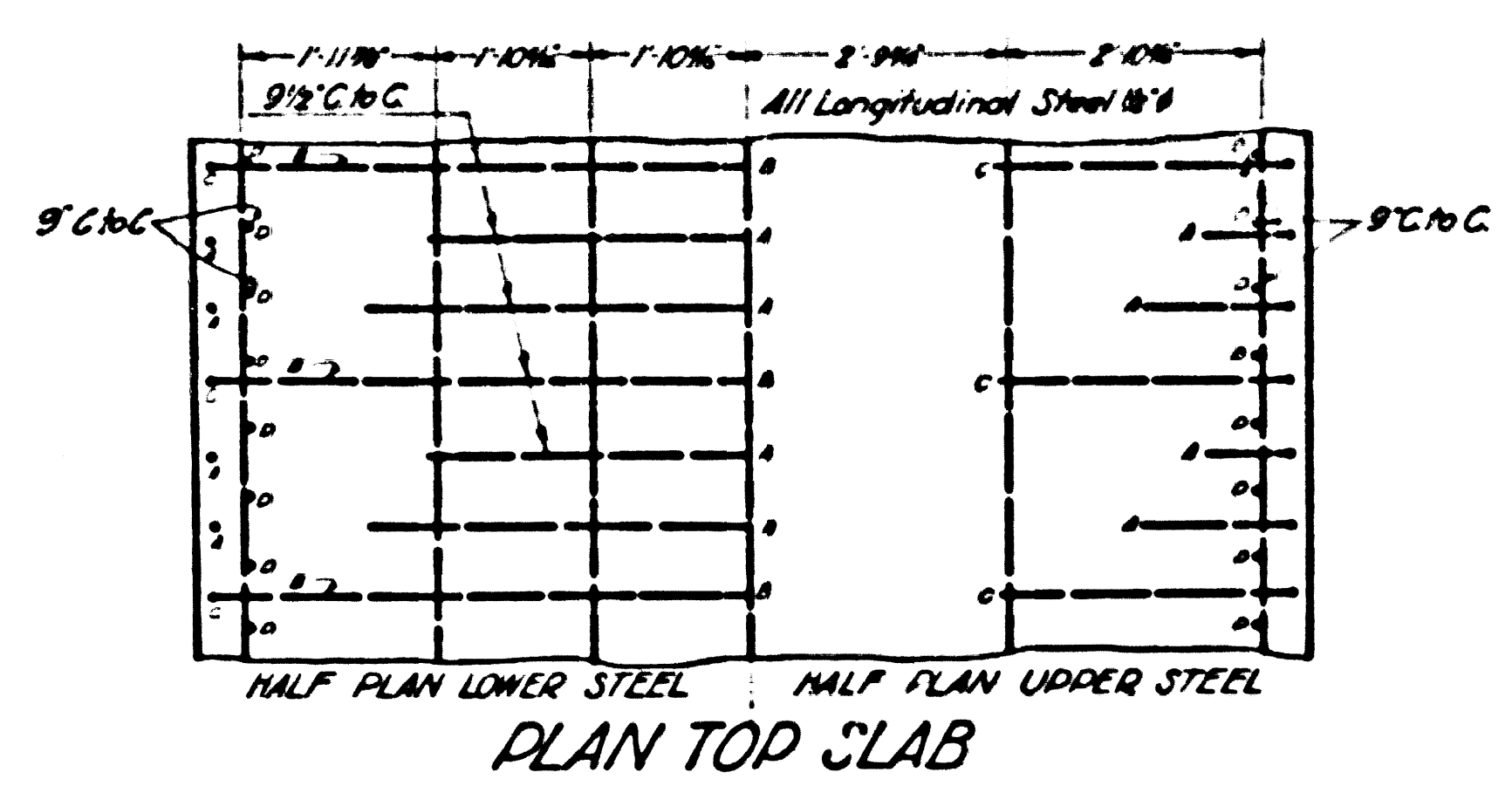


Longitudinal Steel: 32 Bars. 1/2"

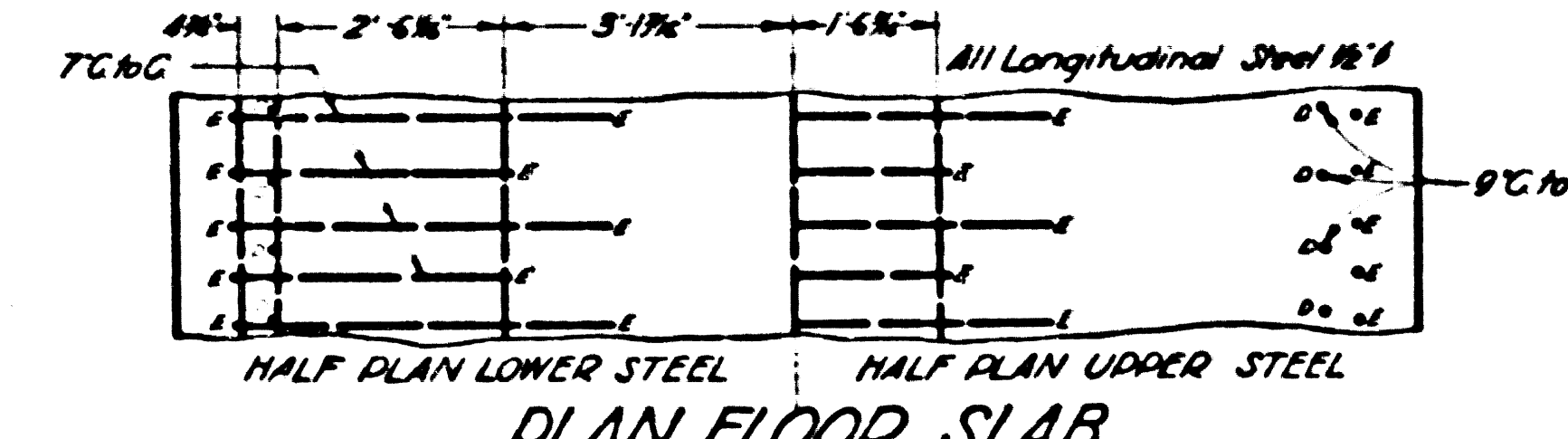
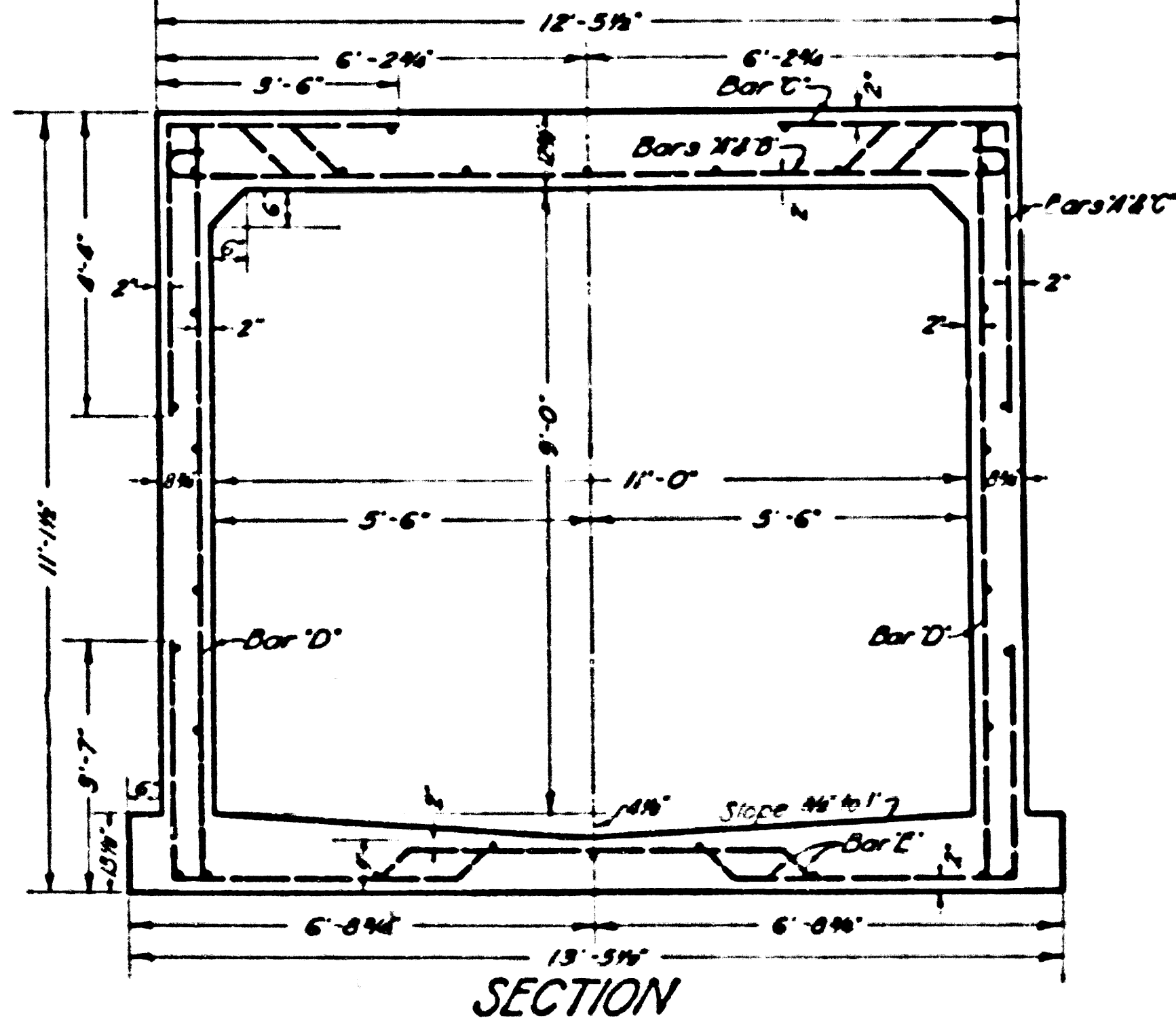


Section XXIII From Station 105+27.03 to Station 114+40.71 of Glen Ave. Trunk, Sheet 4
 Total Length=817.68 Feet
 Class #1 Concrete=14.55 cubic yards per foot
 Reinforcing Steel=164.6749 pounds per foot (on tangent)
 Top Slab: Cover = 2" Total Load = 1108 lbs. per sq. foot
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
 BOX 9'-0" X 10'-9"
 SECTION XXIII
 FROM STATION 105+27.03 TO STATION 114+40.71
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'



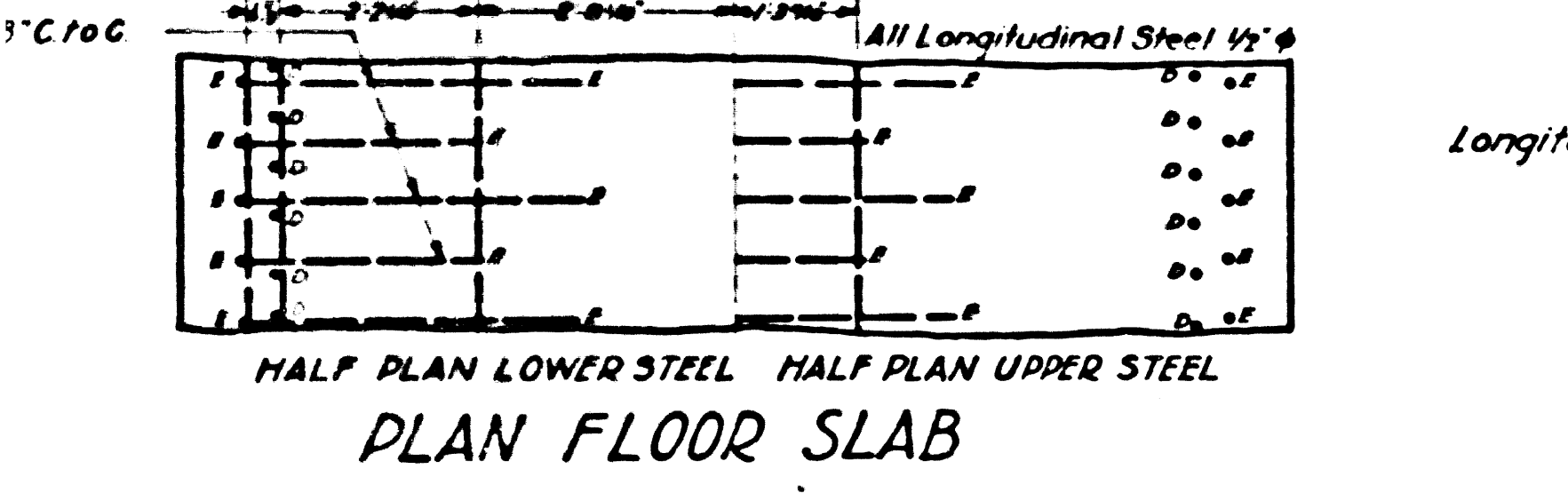
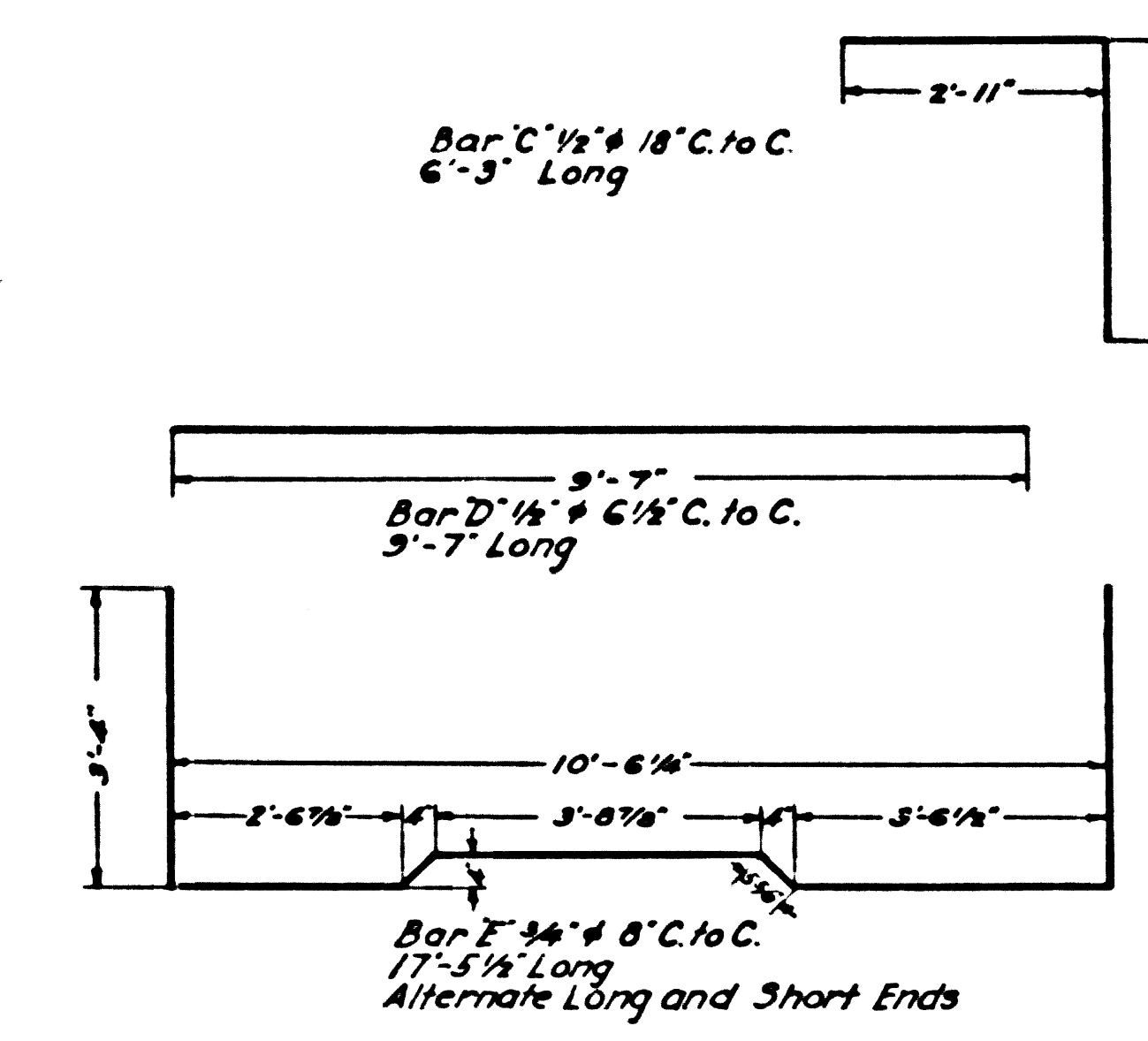
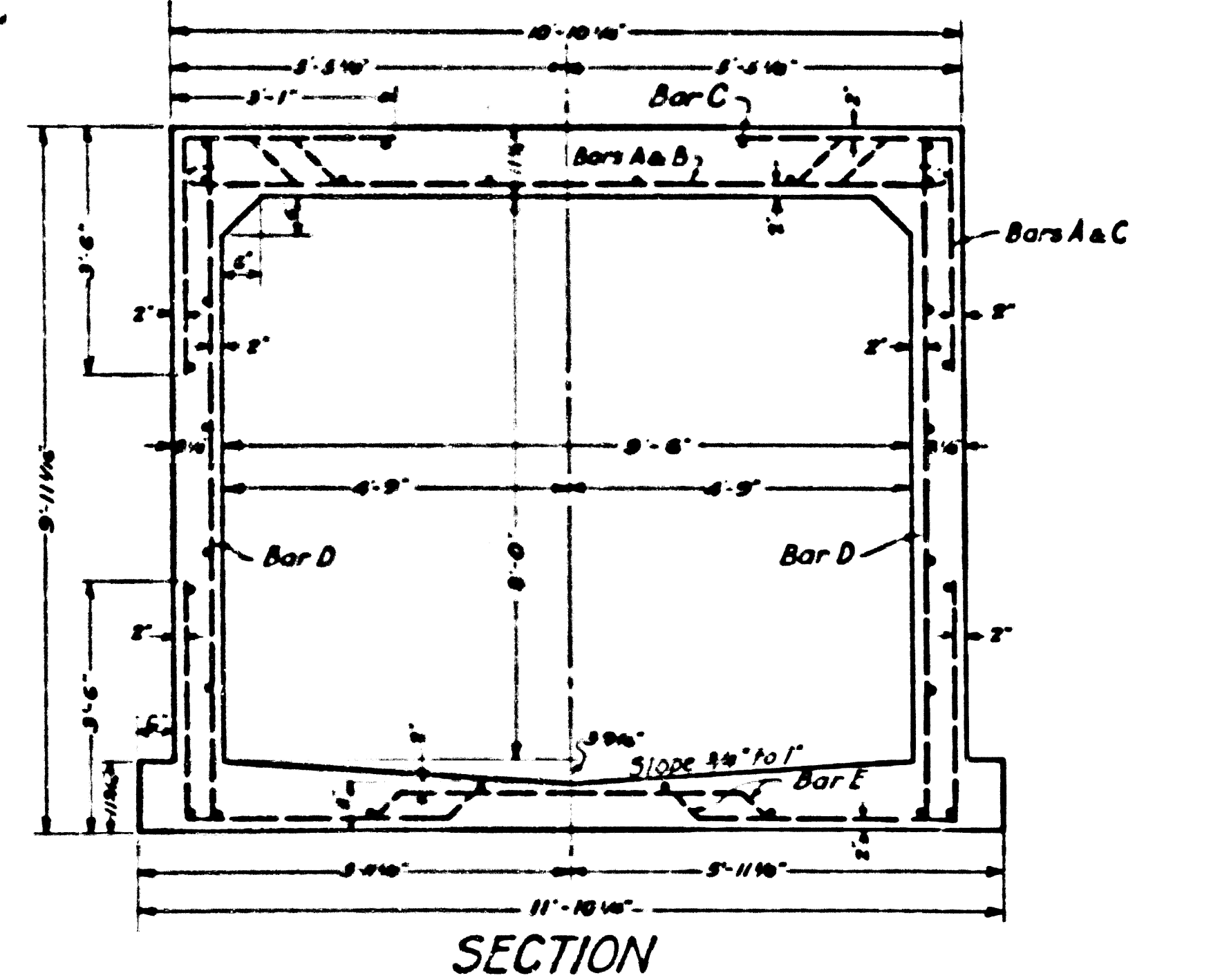
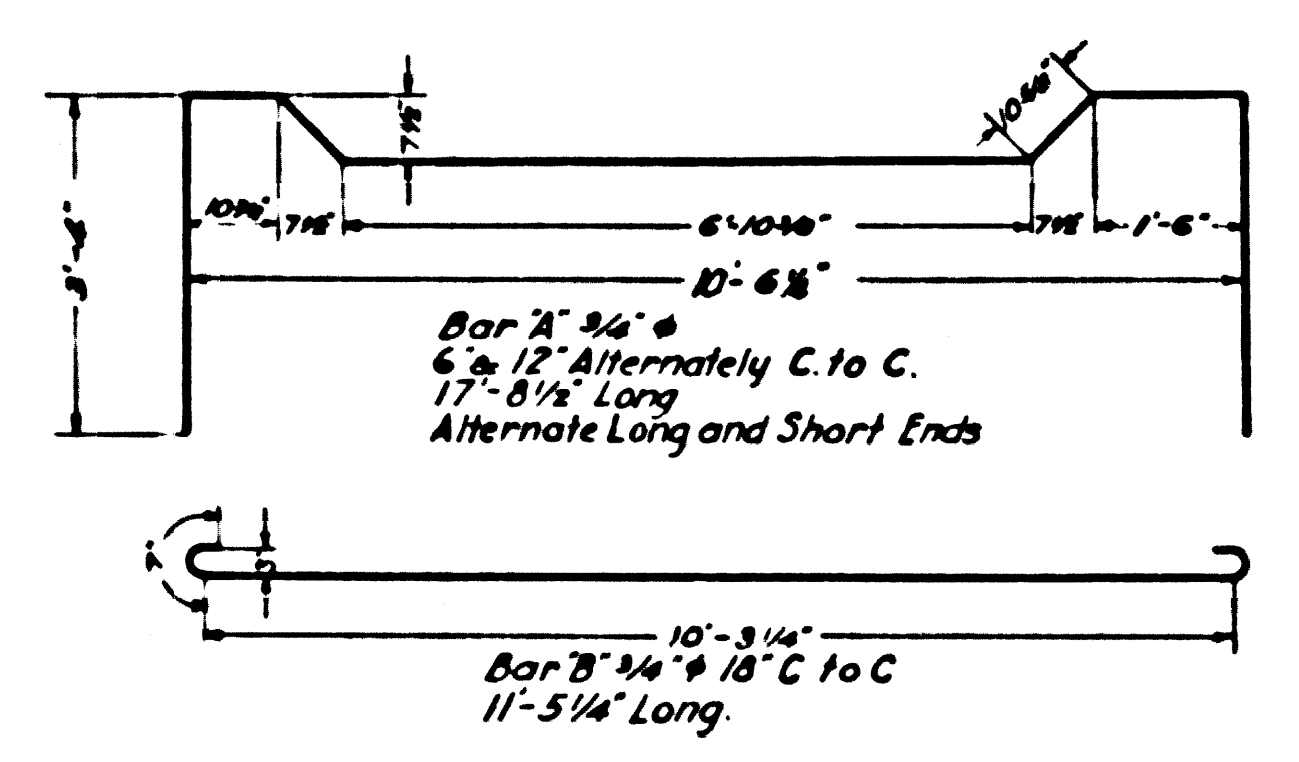
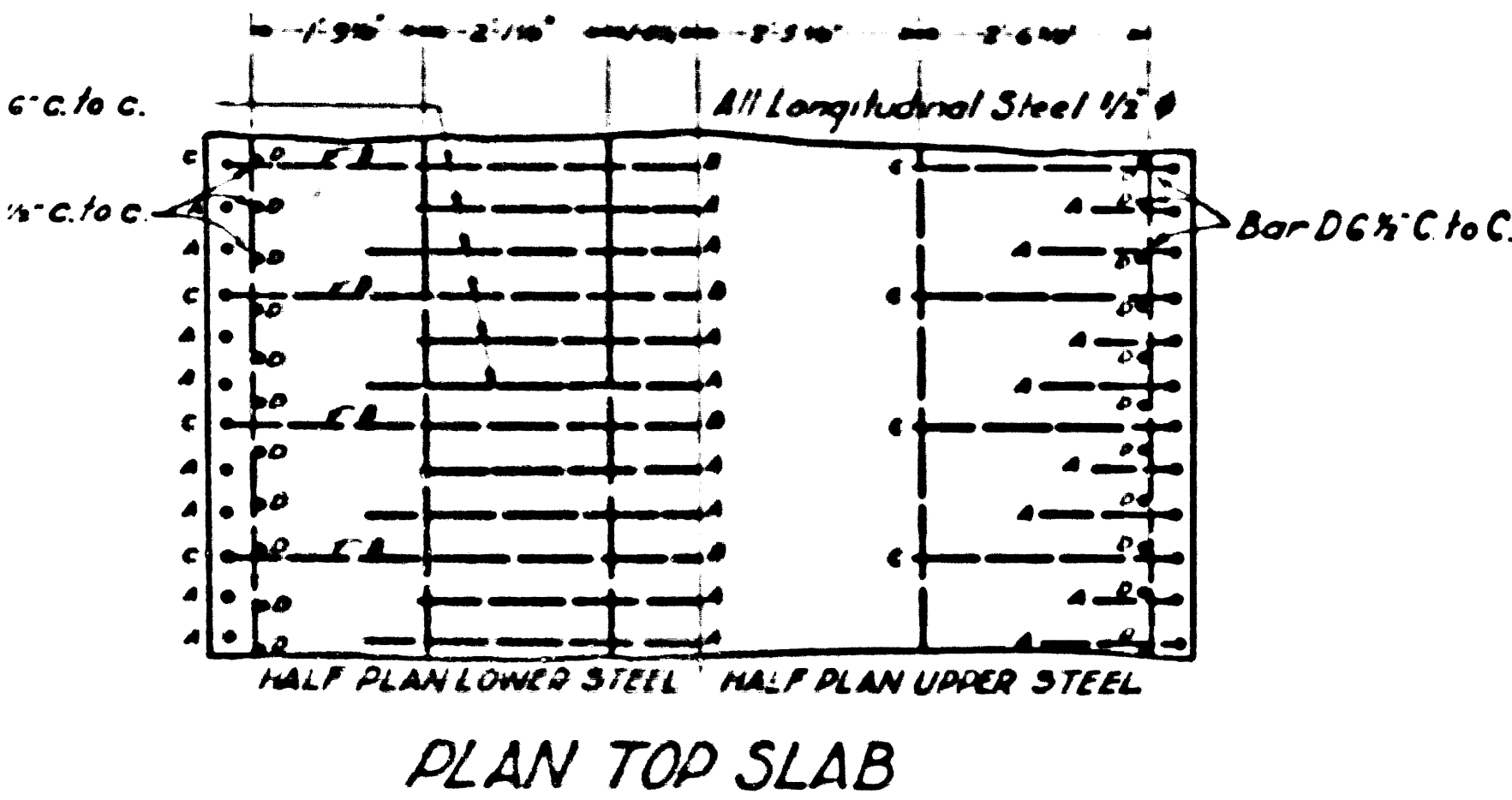
Longitudinal Steel: 32 Bars. 1/2"



Section XXIV From Station 84+68.91 to Station 105+17.70 of Glen Ave. Trunk, Sheet 5
 Total Length=2048.79 Feet
 Class #1 Concrete=44.65 cubic yards per foot
 Reinforcing Steel=165.4011 pounds per foot (on tangent)
 Top Slab: Cover = 2" Total Load = 1095 lbs. per sq. foot
 Dimensions to Reinforcing Steel refer to center lines.

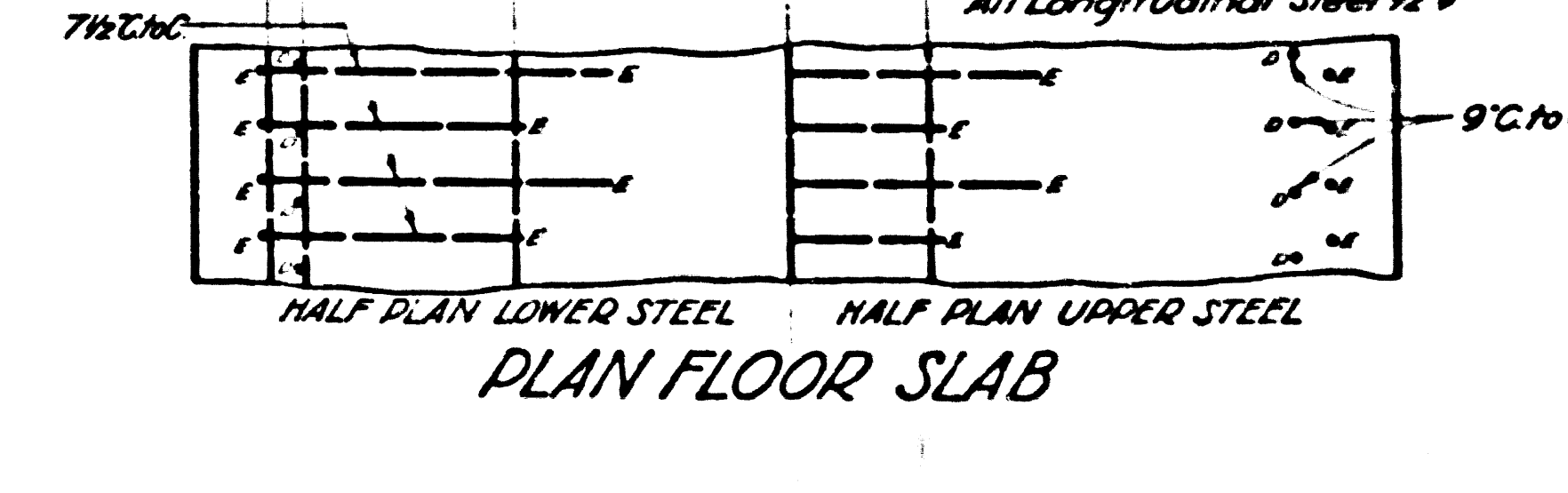
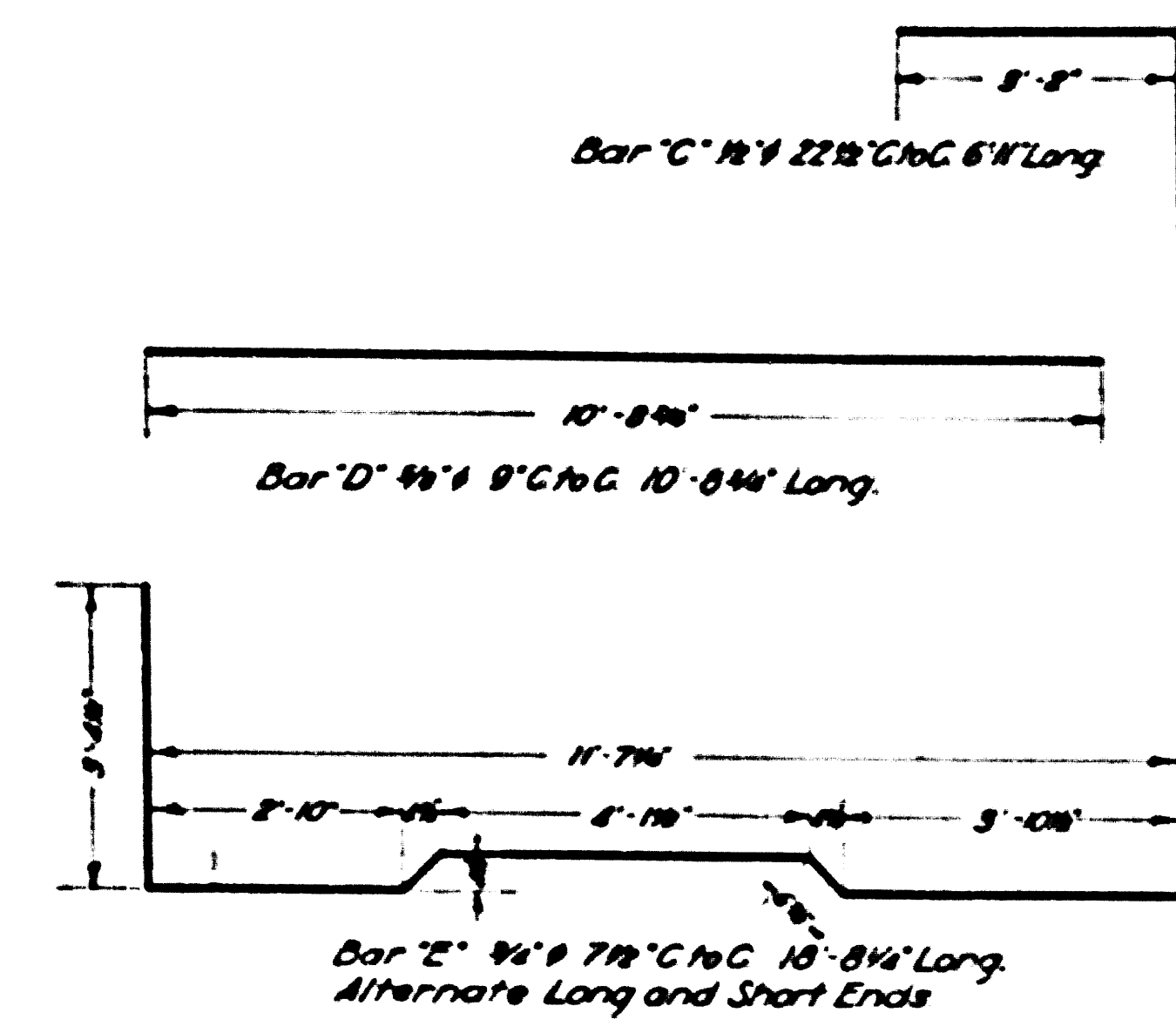
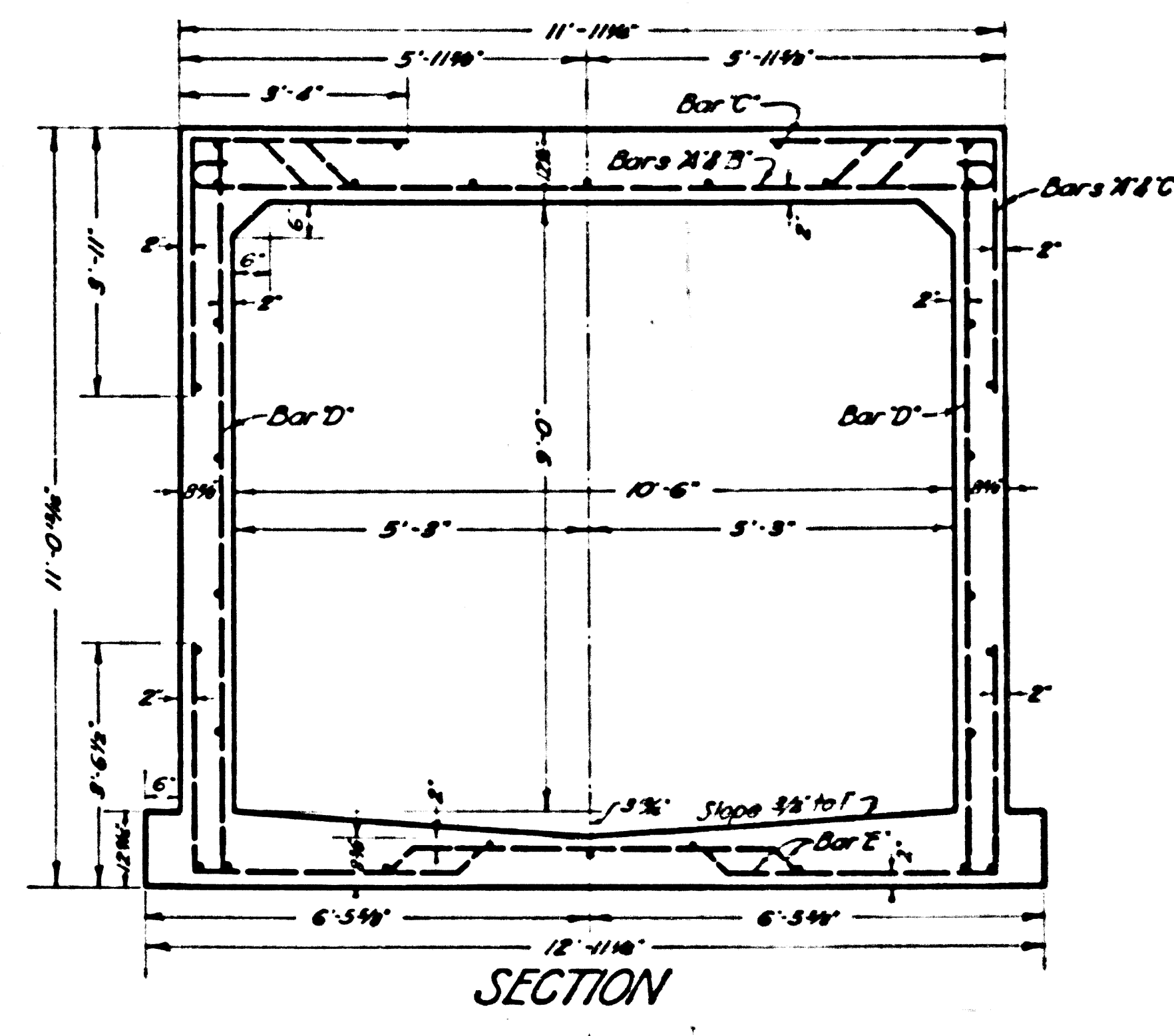
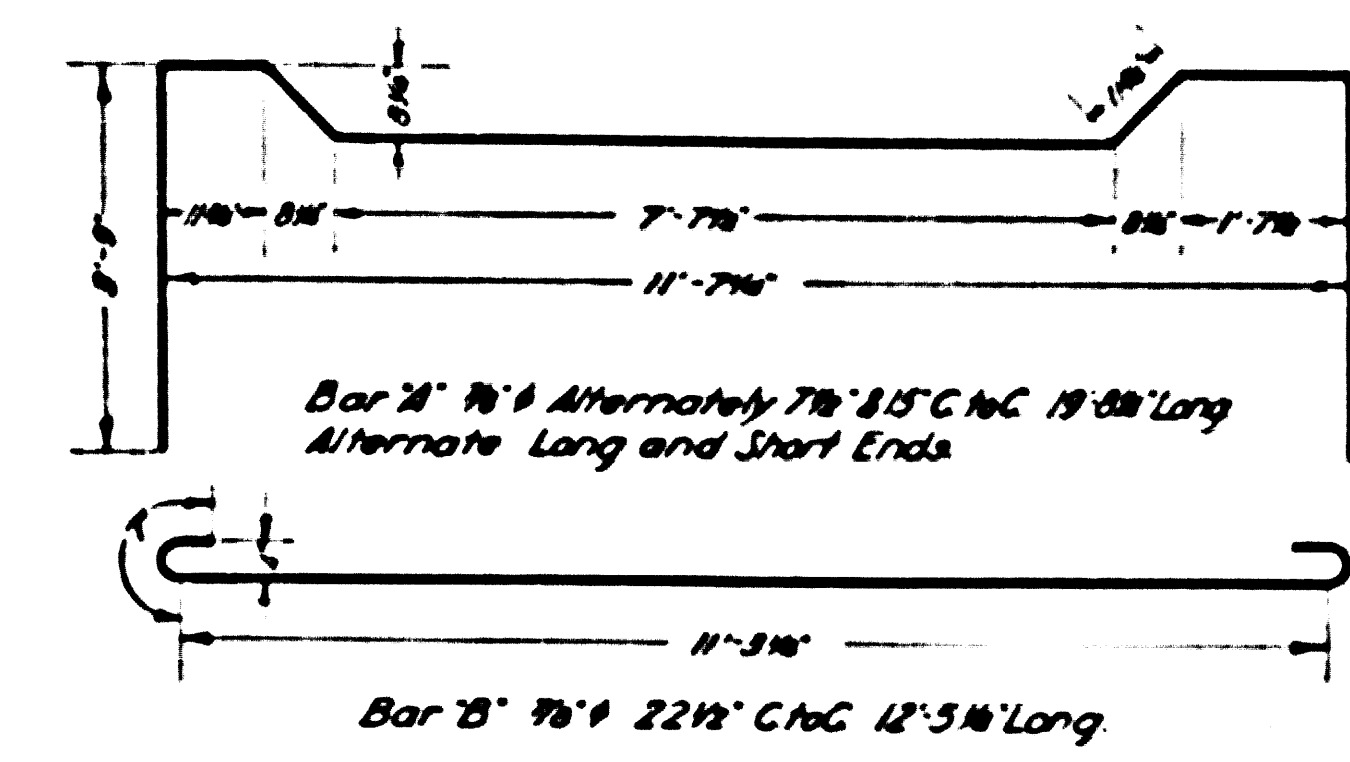
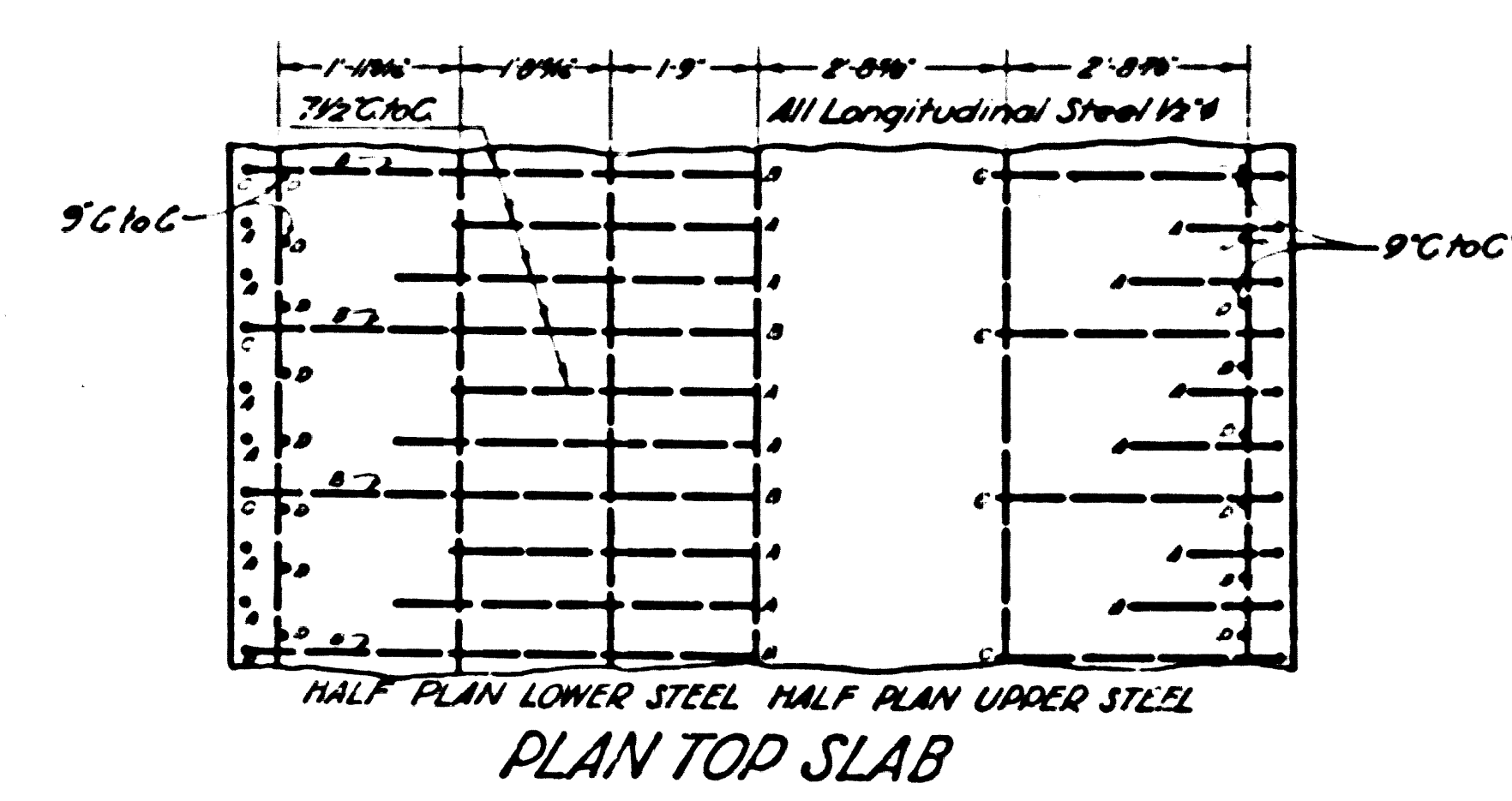
REINFORCED CONCRETE
 BOX 9'-0" X 11'-0"
 SECTION XXIV
 FROM STATION 84+68.91 TO STATION 105+17.70
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'

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 A7 OF A10



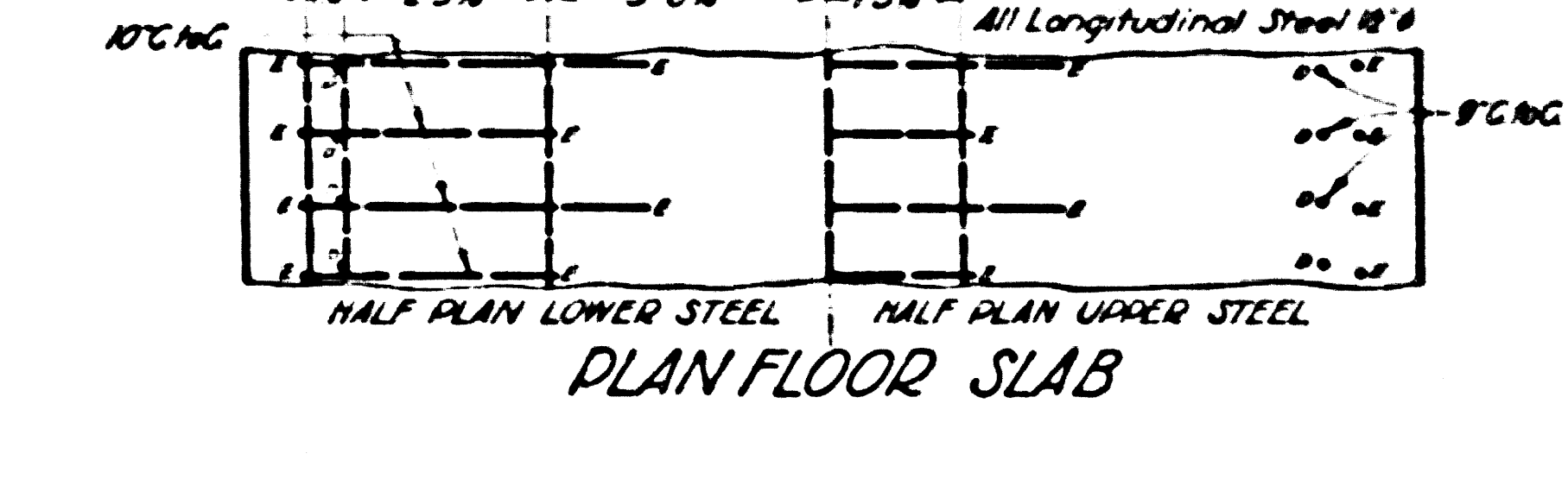
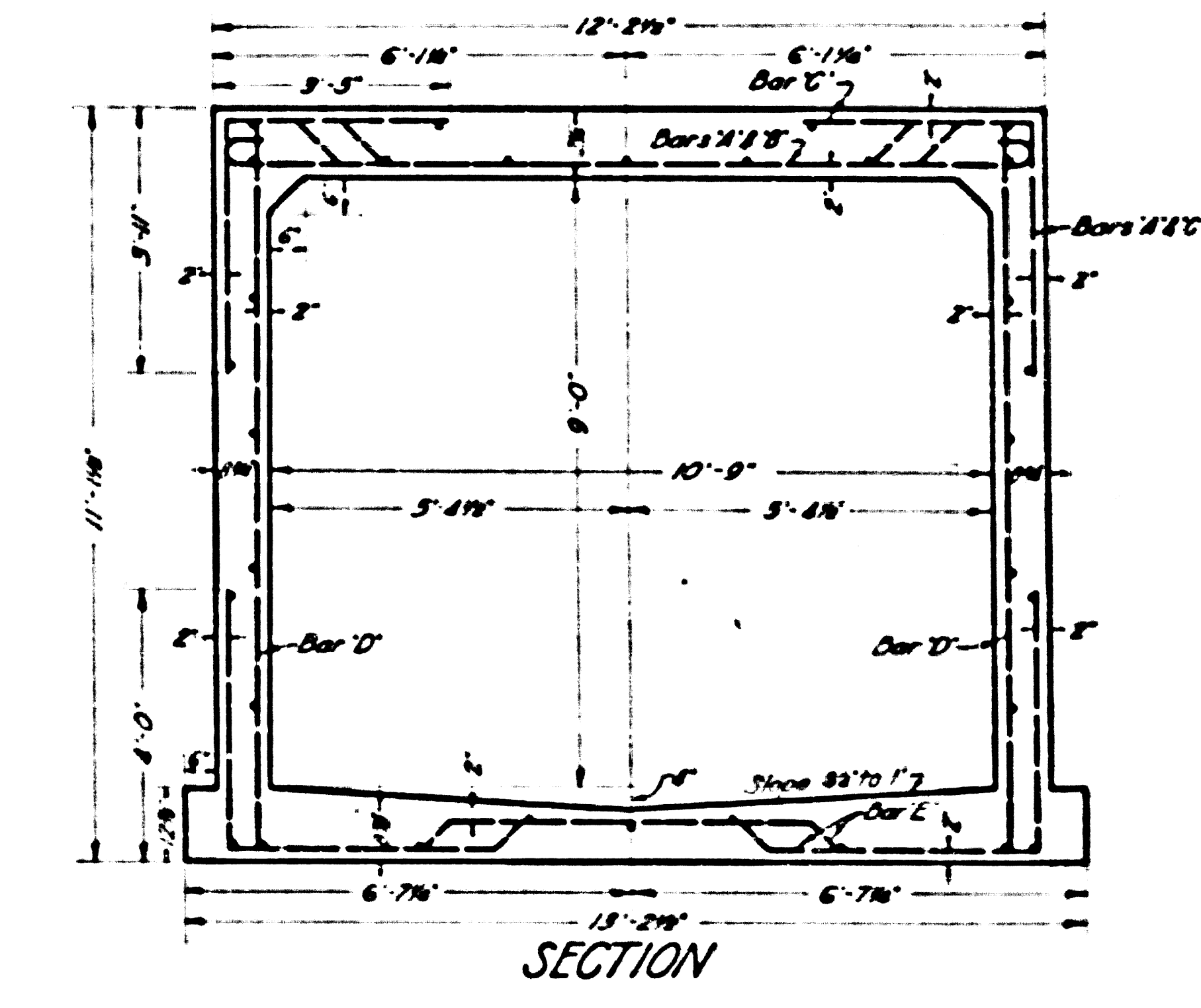
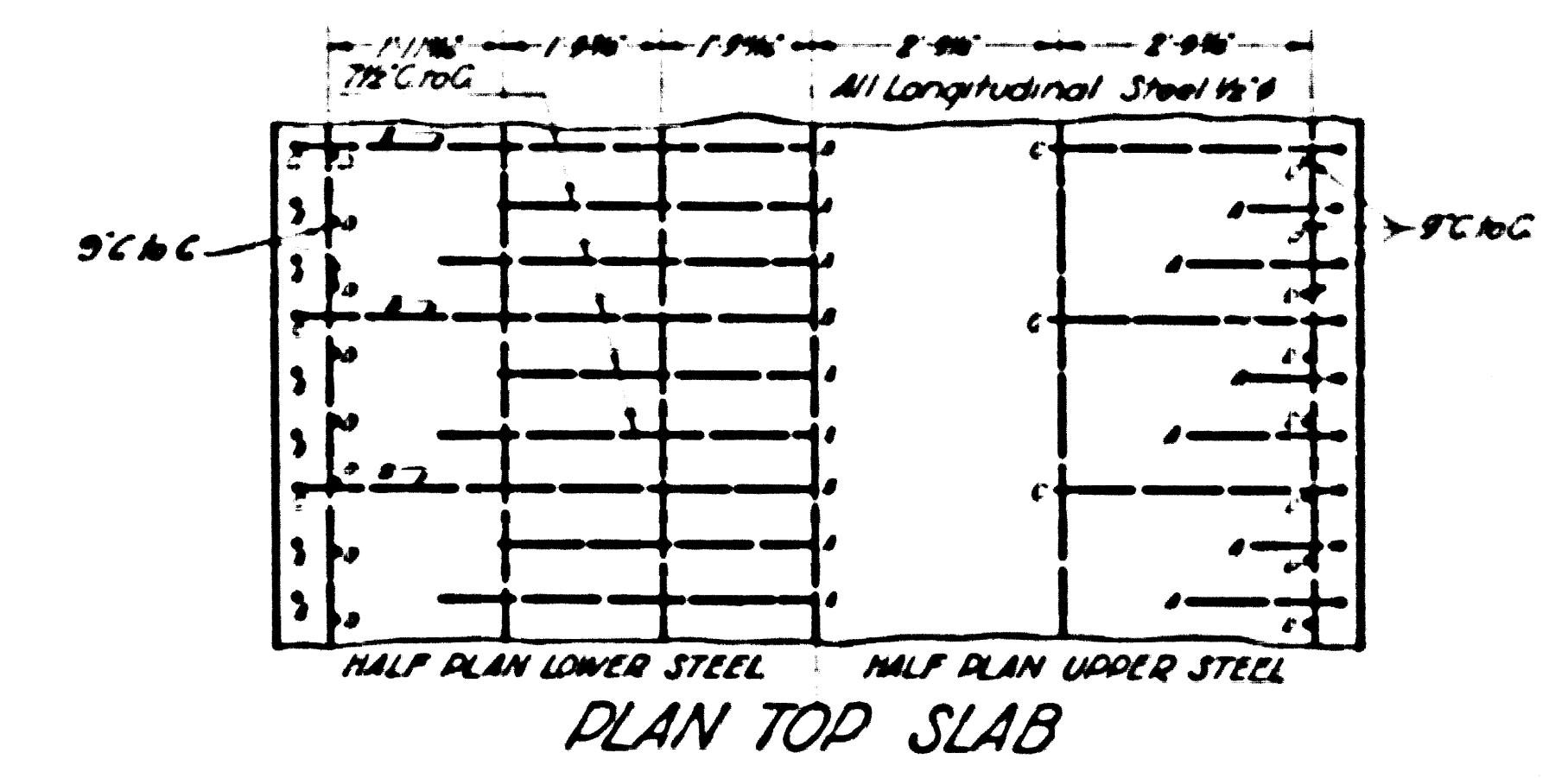
Section XXI from Station 122+70 to Station 135+00 of Glen Ave. Trunk, Sheet 4.
 Total Length 1230 Feet
 Class #1 Concrete = 1166 Cubic Yards per Foot
 Reinforcing Steel = 137,419 Pounds per Foot (on tangent)
 Top Slab: Cover = 2" Total Load = 1204 Lbs per Sq Foot.
 Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XXI
 FROM STATION 122+70 TO STATION 135+00.
 OF GLEN AVE. TRUNK.
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'



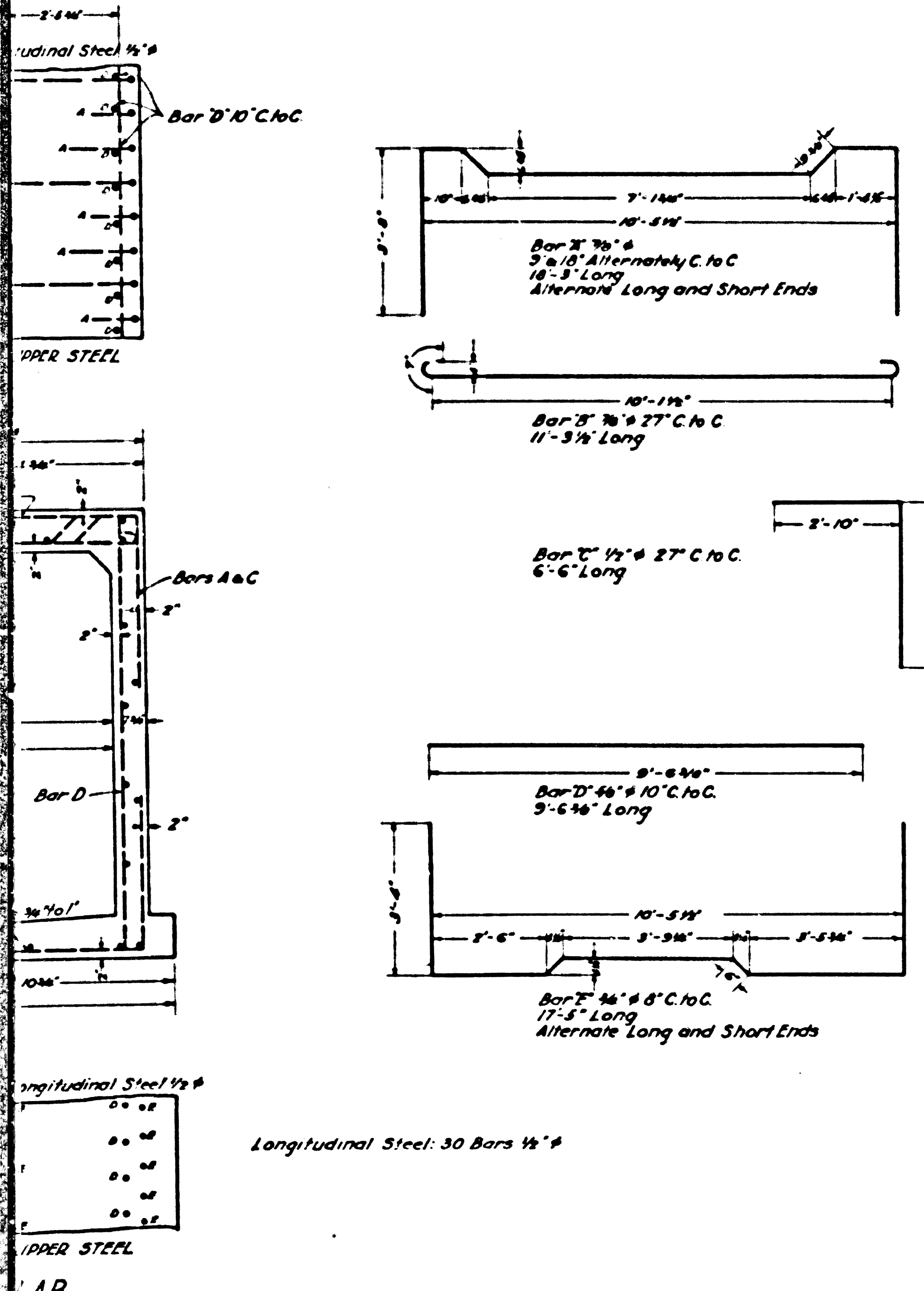
Section XXII from Station 114+327 to Station 122+60 of Glen Ave. Trunk, Sheet 4.
 Total Length = 803 Feet
 Class #1 Concrete = 13776 cubic yards per foot
 Reinforcing Steel = 159,753 pounds per foot (on tangent).
 Top Slab: Cover = 1 1/2". Total Load = 1159 lbs per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 8'-0" X 10'-6"
SECTION XXII
 FROM STATION 114+327 TO STATION 122+60
 OF GLEN AVE. TRUNK.
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'

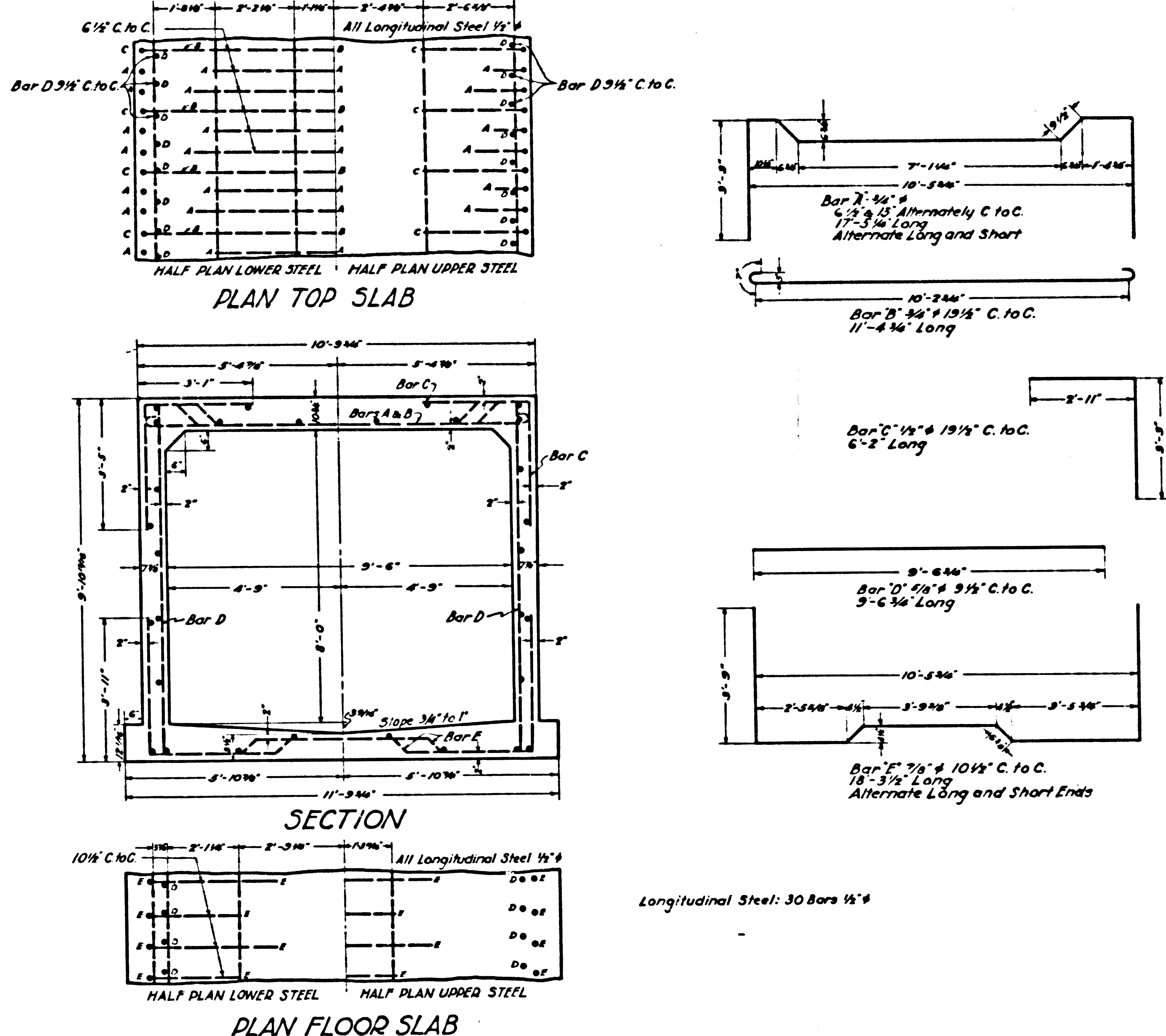


Section XXIII from Station 105+228 to Station 114+327 of Glen Ave. Trunk, Sheet 4.
 Total Length = 917.45 Feet
 Class #1 Concrete = 14,55 cubic yards per foot
 Reinforcing Steel = 164,749 pounds per foot (on tangent).
 Top Slab: Cover = 2". Total Load = 1108 lbs per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

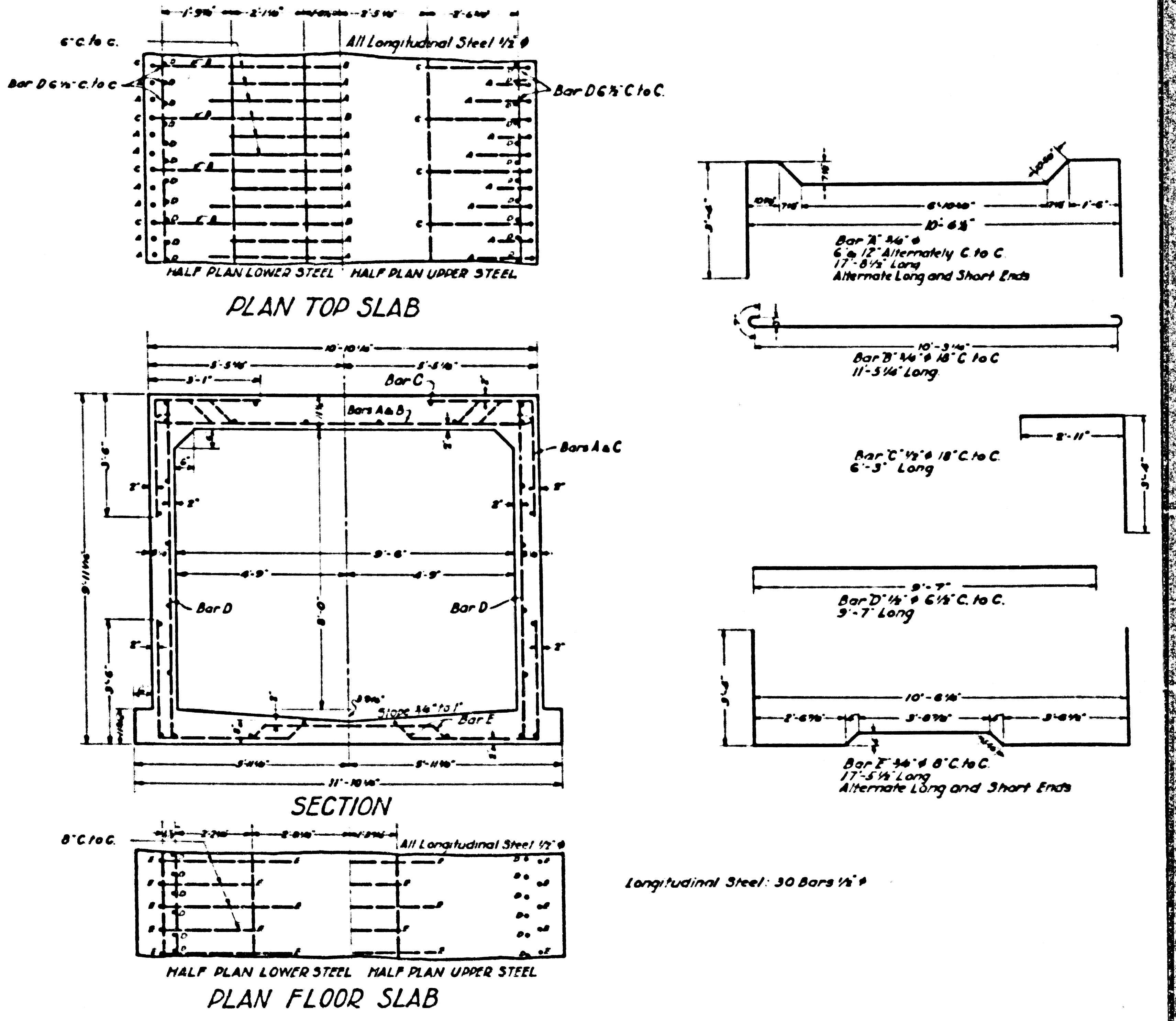
REINFORCED CONCRETE
BOX 9'-0" X 10'-6"
SECTION XXIII
 FROM STATION 105+228 TO STATION 114+327
 OF GLEN AVE. TRUNK.
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'



FORCED CONCRETE
 BOX 8'-0" X 9'-6"
 SECTION XIX
 FROM STATION 157+00 TO STATION 164+20
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'



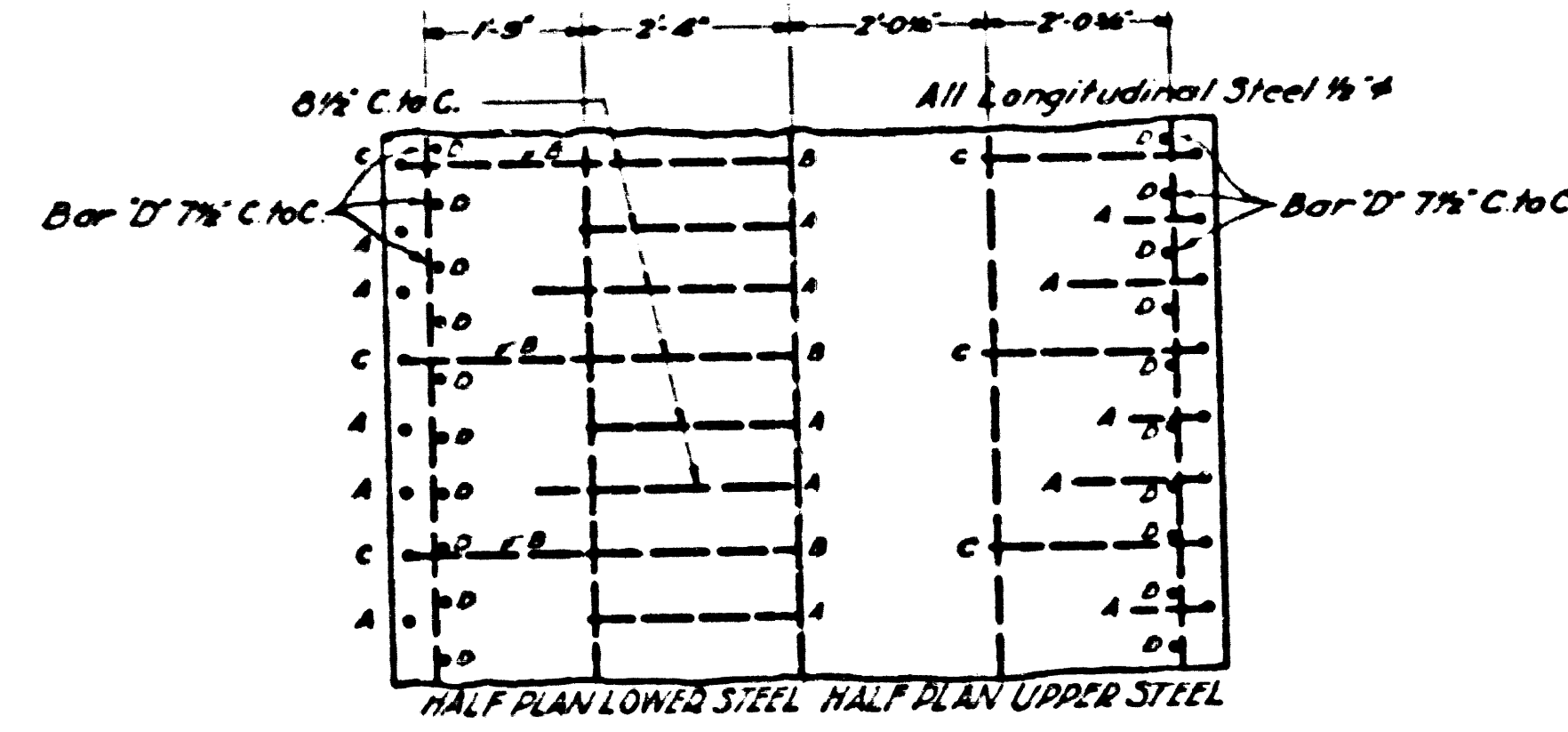
REINFORCED CONCRETE
 BOX 8'-0" X 9'-6"
 SECTION XX
 FROM STATION 135+00 TO STATION 157+00
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'



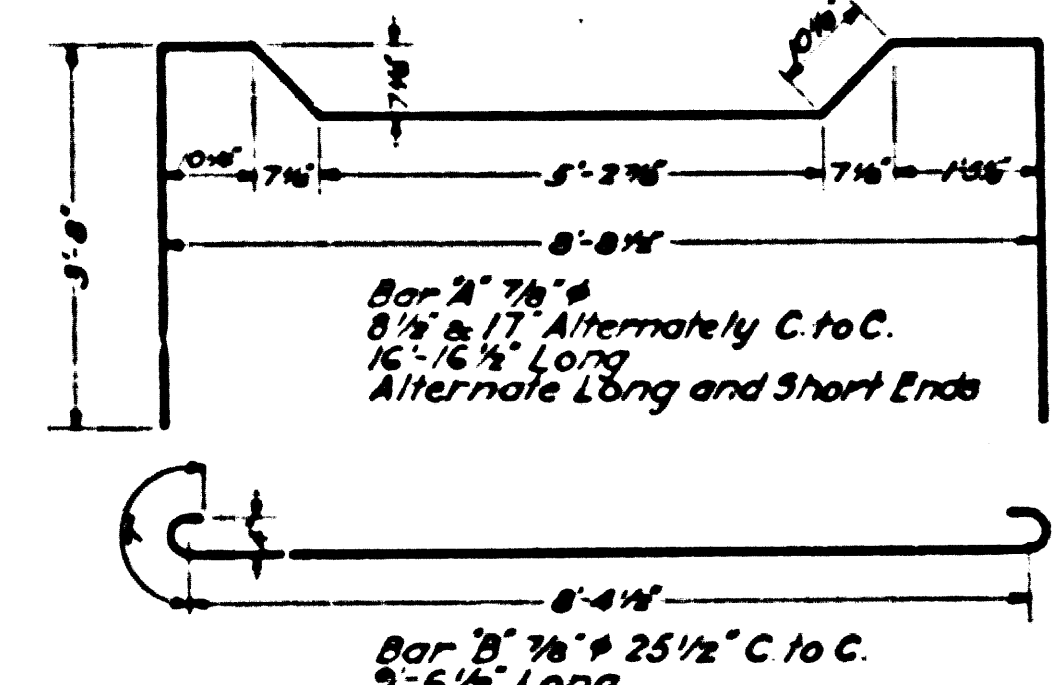
REINFORCED CONCRETE
 BOX 8'-0" X 9'-6"
 SECTION XXI
 FROM STATION 122+70 TO STATION 135+00
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'

CSB-1171-20

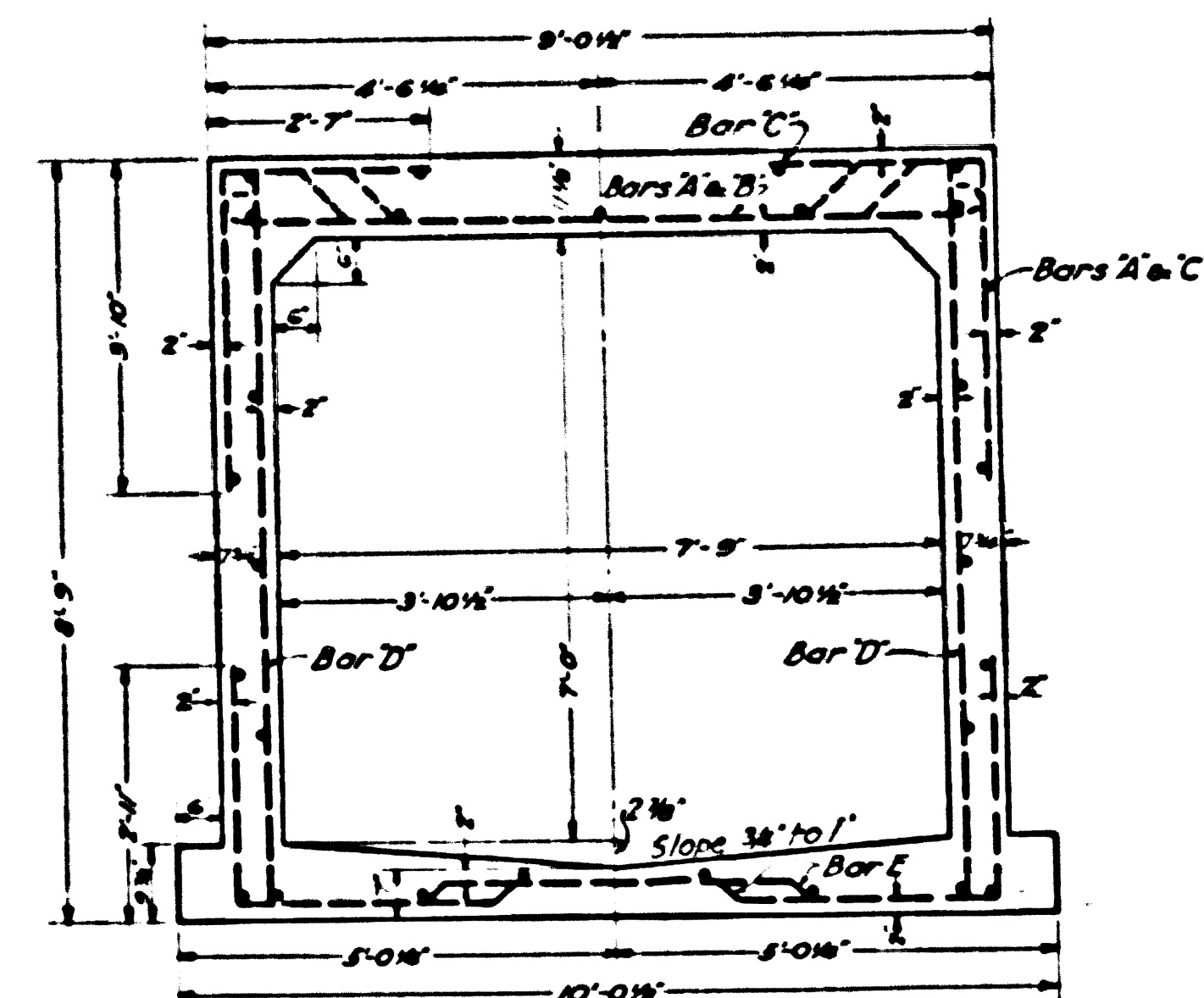
1 A9 of A10



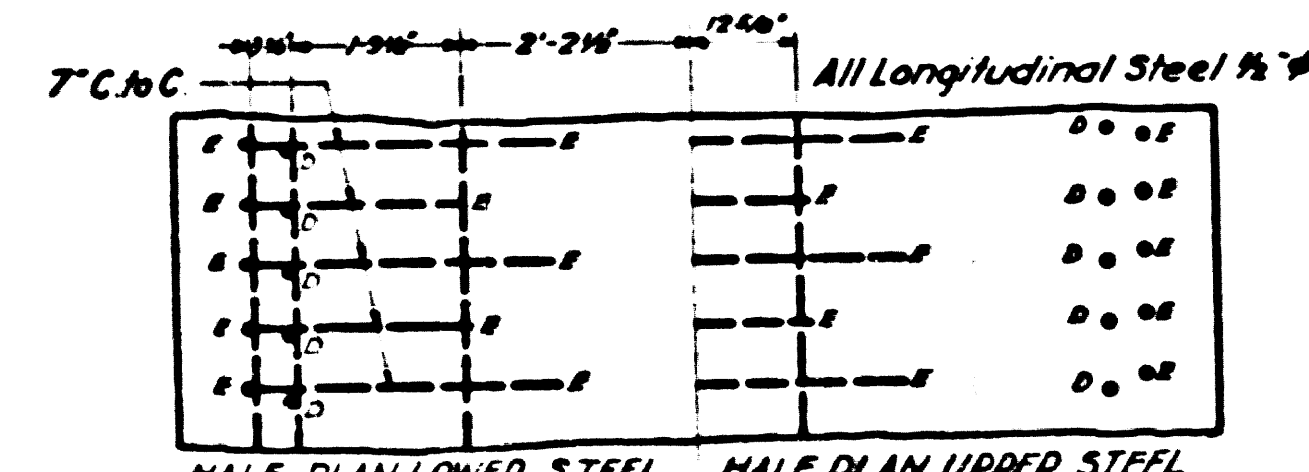
PLAN TOP SLAB



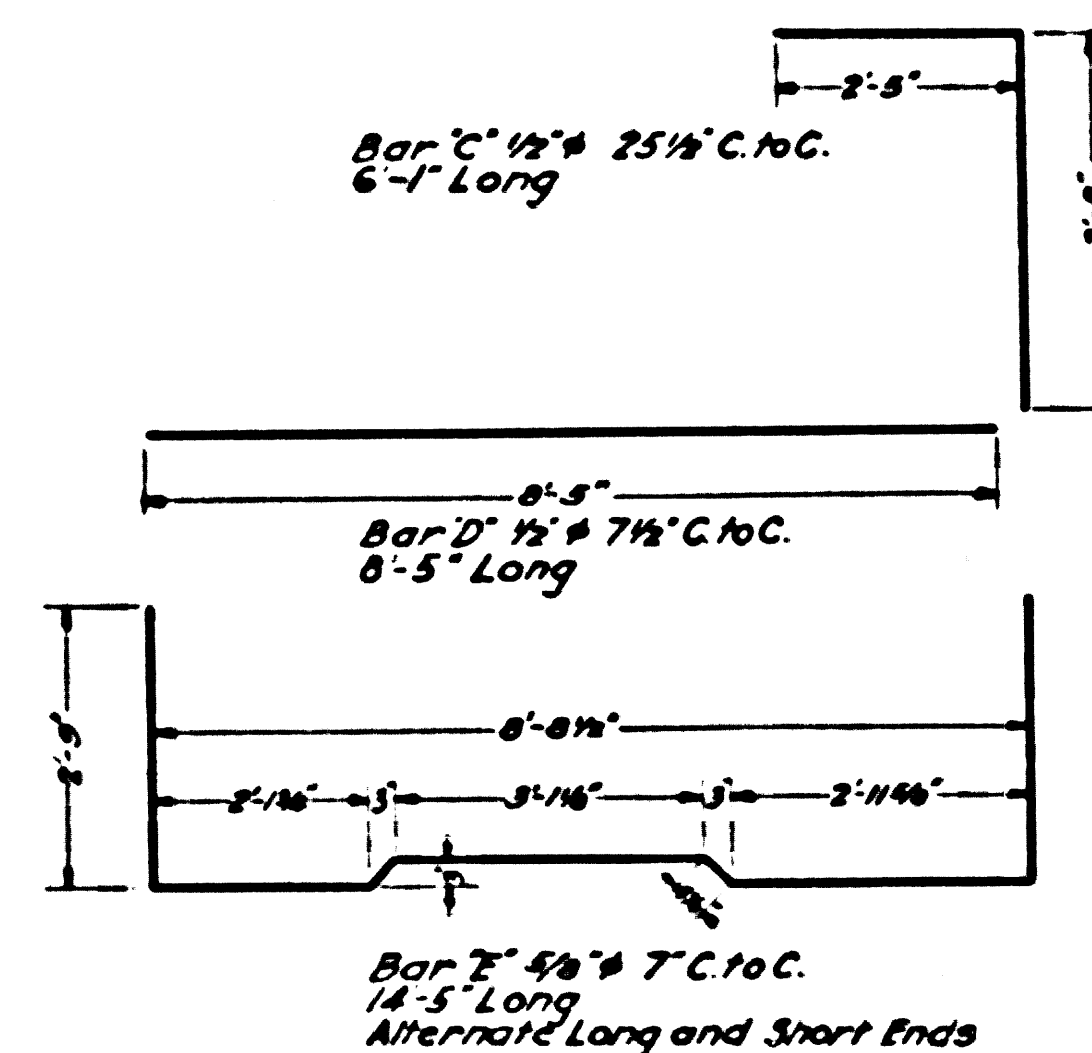
Bar 2' 7/8" 8 1/2" Alternately C to C
16'-0" Long
Alternate Long and Short Ends



SECTION



PLAN FLOOR SLAB



Bar C' 1/2" 25 1/2" C to C
6'-0" Long

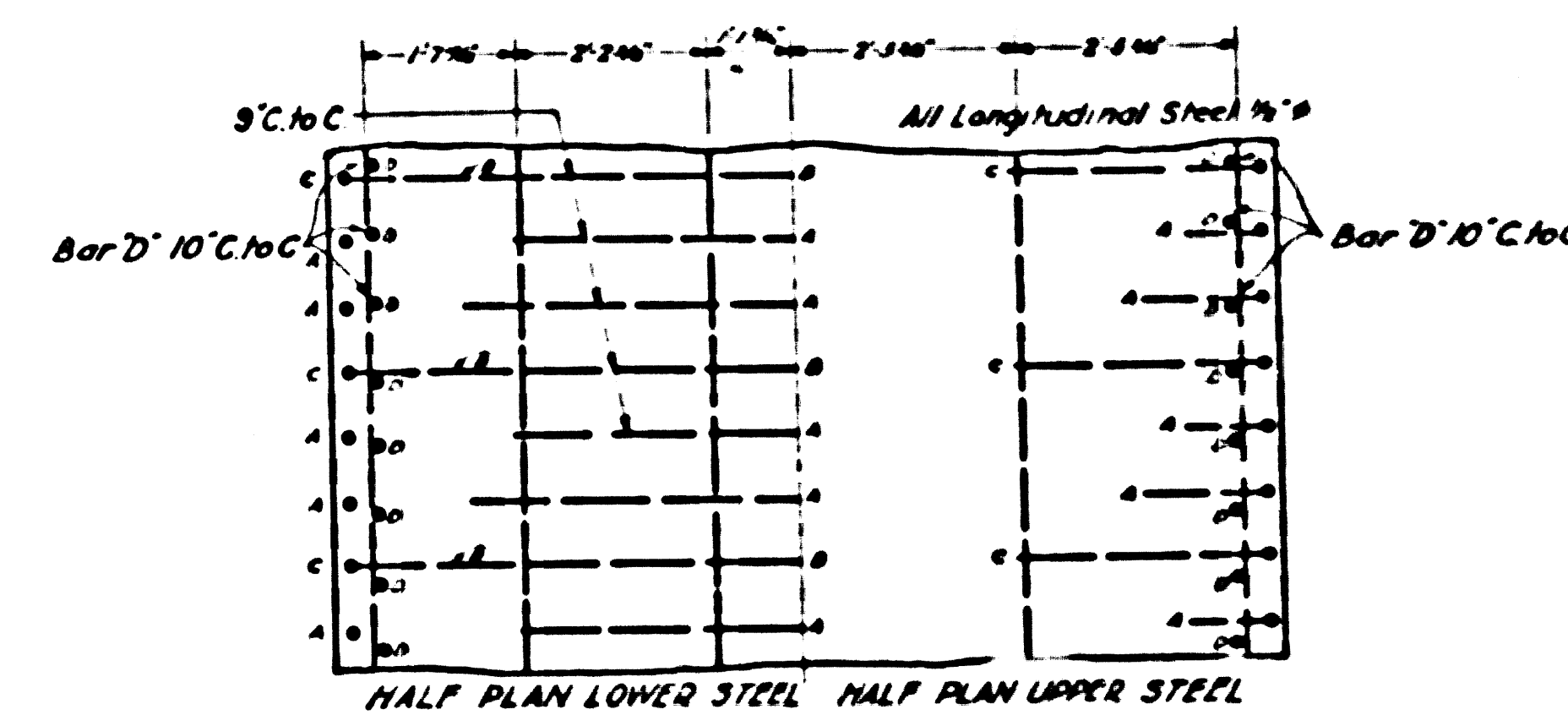
Bar D' 7/8" 7 1/2" C to C
8'-0" Long

Bar E' 7/8" 8" T.C. to C
14'-0" Long
Alternate Long and Short Ends

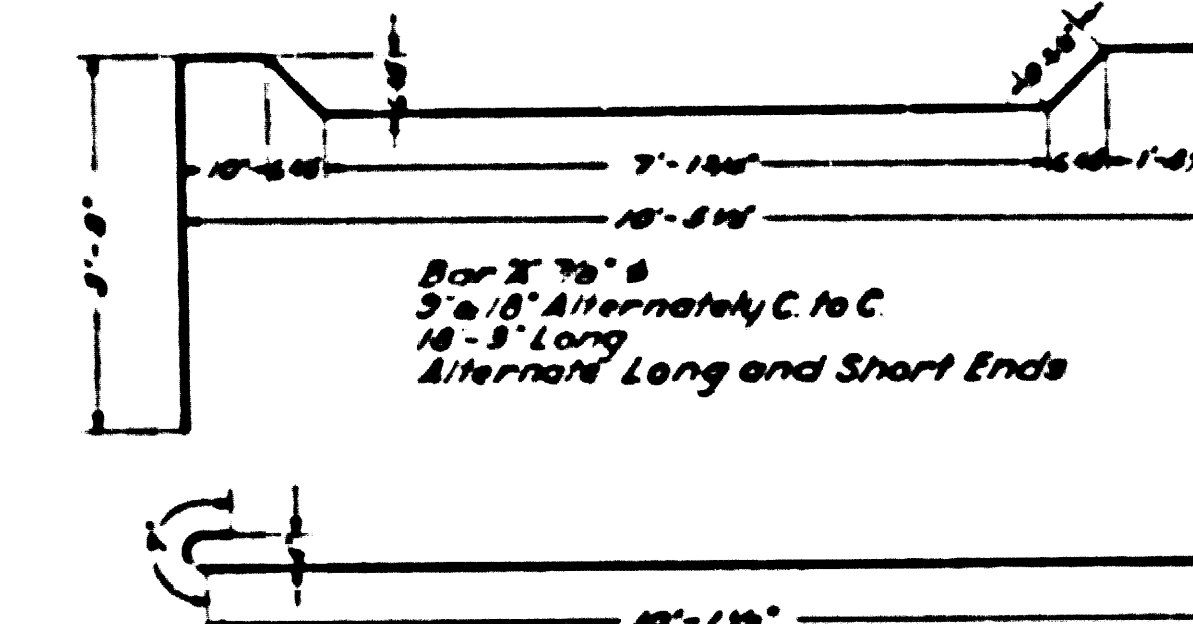
Longitudinal Steel: 27 Bars 1/2" 8

Section XVIII from Station 164+30 to Station 169+00 of Glen Ave. Trunk Sheet 4.
Total Length 470 Feet
Class A1 Concrete = 0.3263 Cubic Yards per Foot
Reinforcing Steel = 108,287 Pounds per Foot (on tangent)
Top Slab: Cover = 1" Total Load = 1674 Lbs per Sq.
Dimensions to Reinforcing Steel refer to Center Lines.

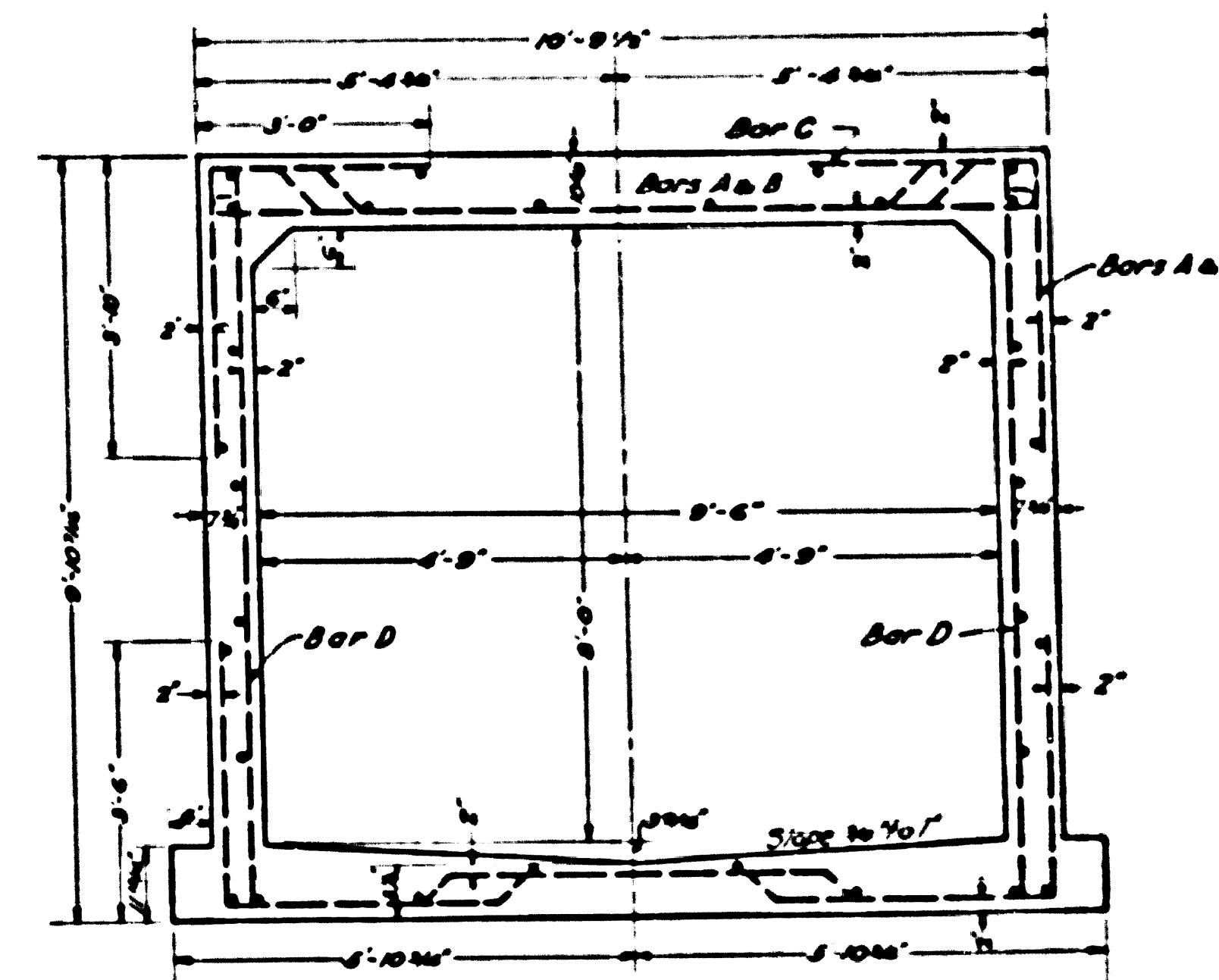
REINFORCED CONCRETE
BOX 7'-0" X 7'-9"
SECTION XVIII
FROM STATION 164+30 TO STATION 169+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2" = 1'



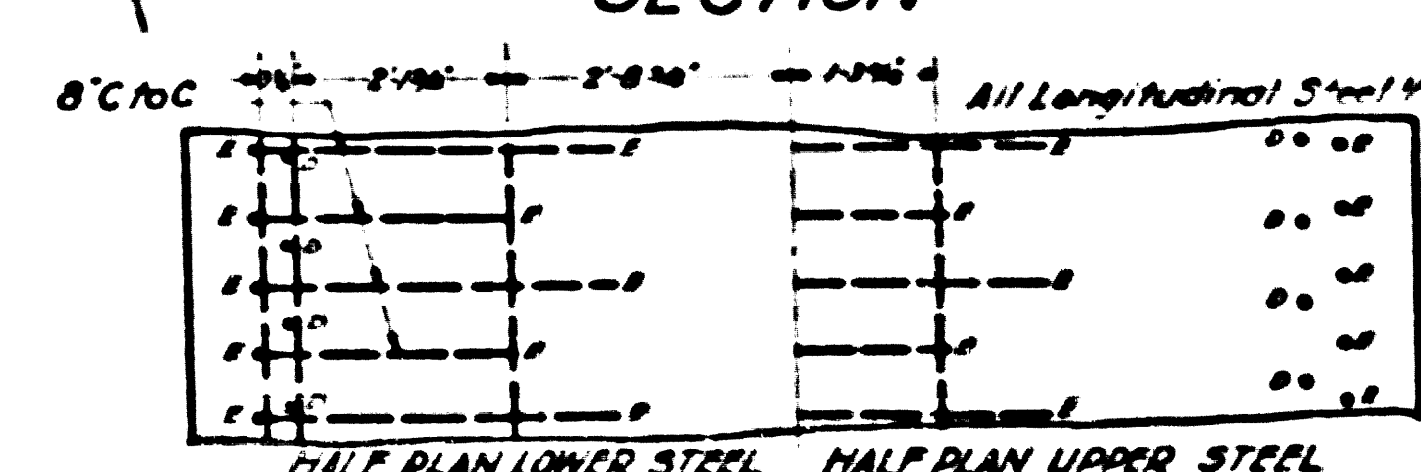
PLAN TOP SLAB



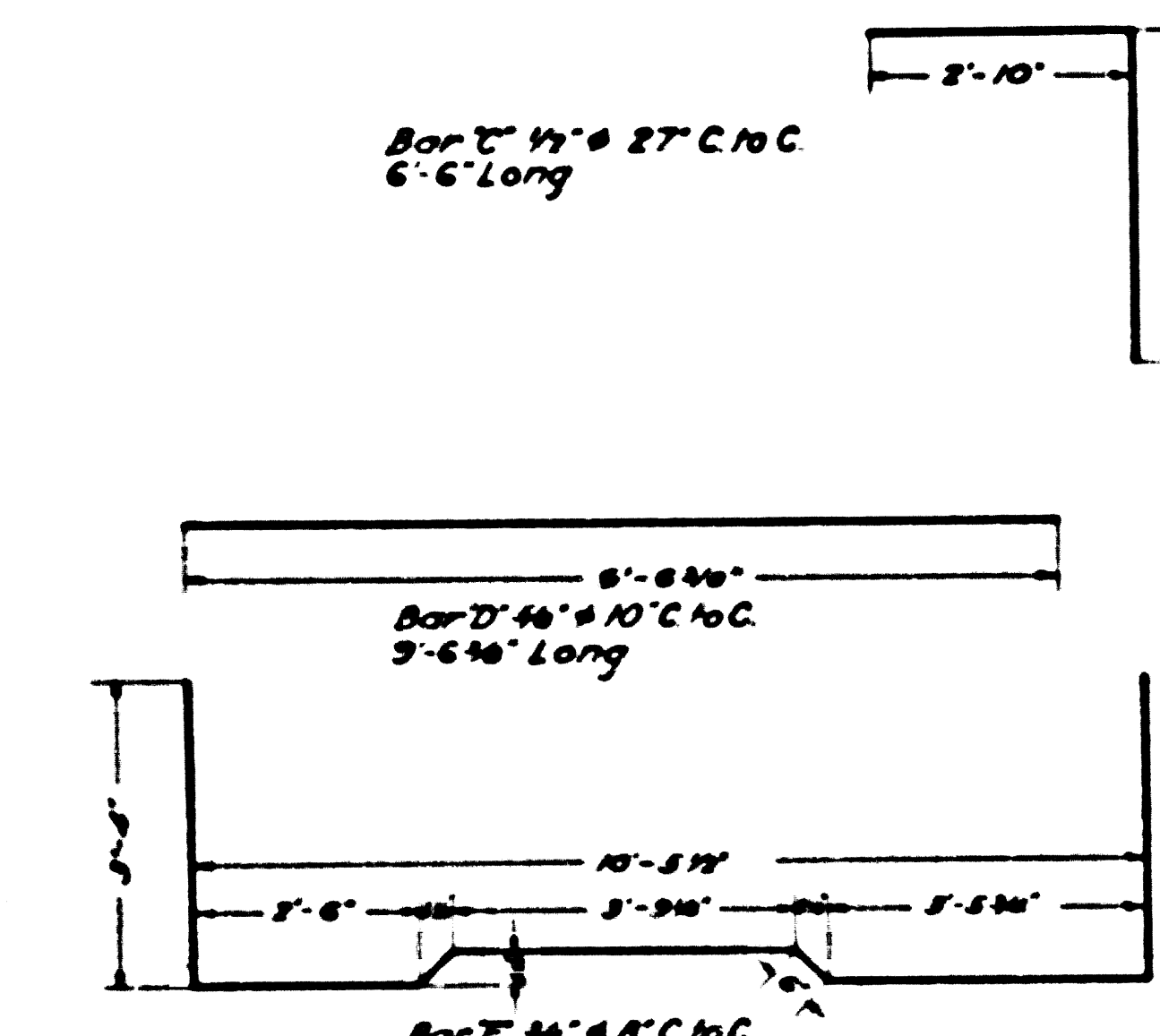
Bar 2' 7/8" 8 1/2" Alternately C to C
16'-0" Long
Alternate Long and Short Ends



SECTION



PLAN FLOOR SLAB



Bar C' 1/2" 27" C to C
6'-0" Long

Bar D' 7/8" 8" C to C
9'-6" Long

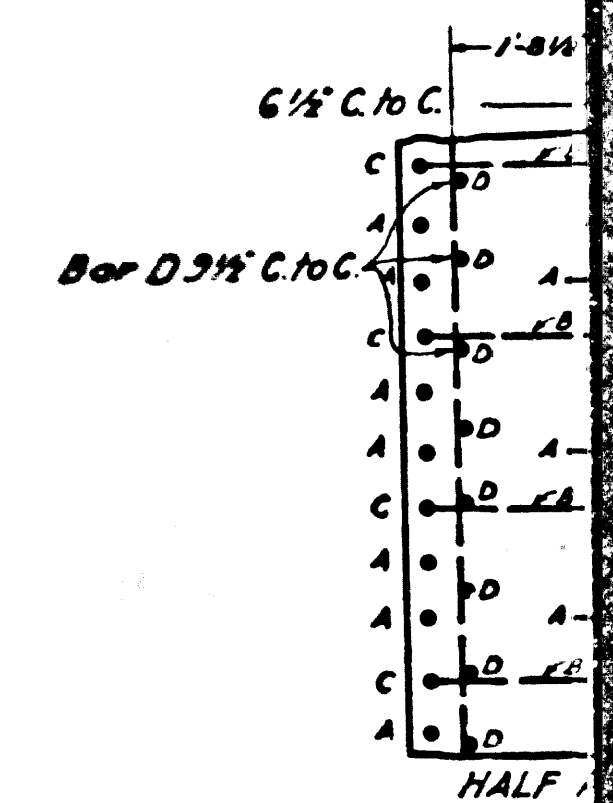
Bar E' 7/8" 8" C to C
17'-0" Long
Alternate Long and Short Ends

Longitudinal Steel: 30 Bars 1/2" 8

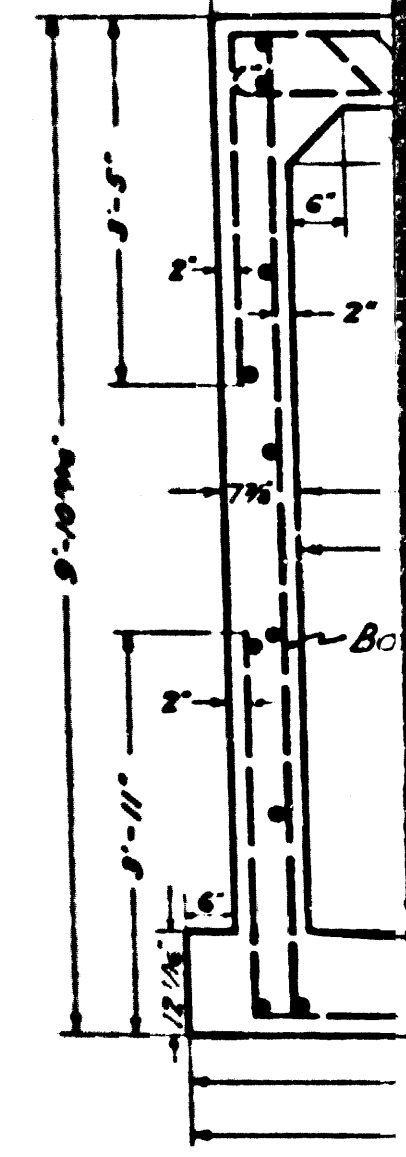
Section XIX from Station 157+00 to Station 164+20 of Glen Ave. Trunk, Sheet 4.
Total Length 720 Feet
Class A1 Concrete = 1.124 Cubic Yards per Foot
Reinforcing Steel = 132,000 Pounds per Foot (on tangent)
Top Slab: Cover = 1" Total Load = 1013 Lbs per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 8'-0" X 9'-6"
SECTION XIX
FROM STATION 157+00 TO STATION 164+20
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2" = 1'

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A10 OF A10



Bar D' 3/4" C to C

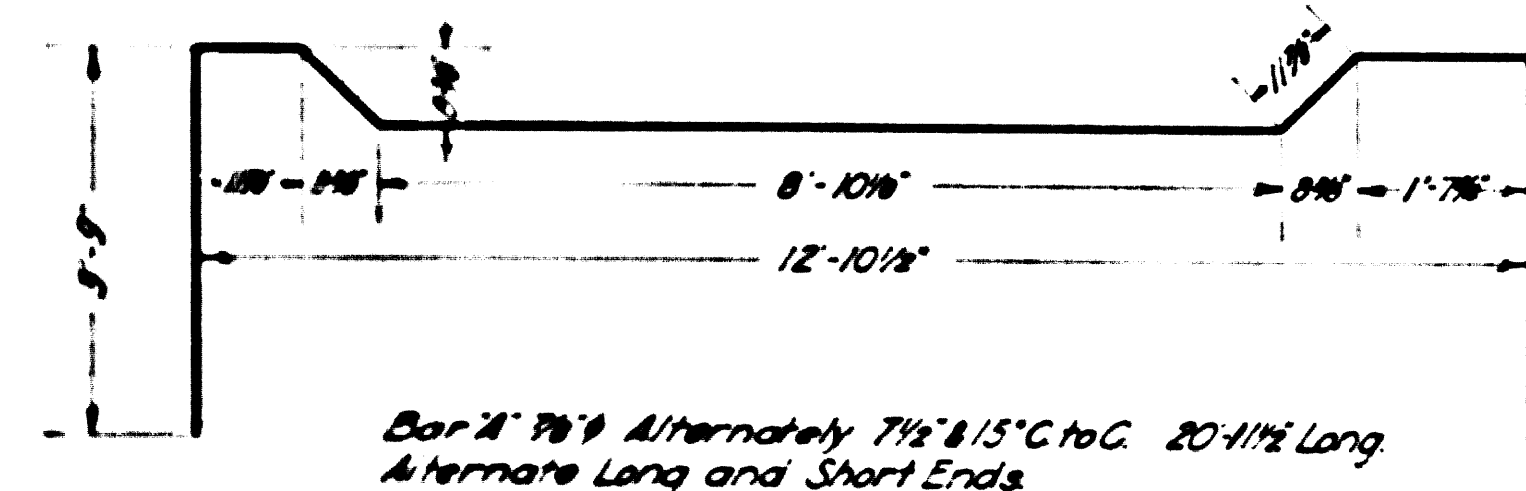


Bar C' 1/2" 27" C to C

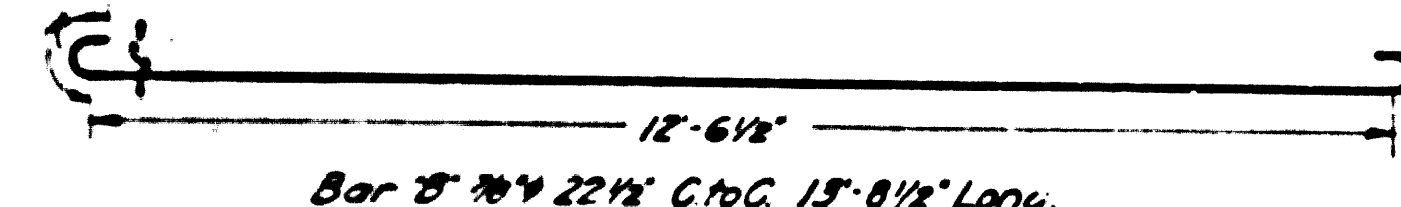
Longitudinal Steel: 30 Bars 1/2" 8

Section XX
Total Length
Class A1 Conc
Reinforcing
Top Slab: C
Dimensions

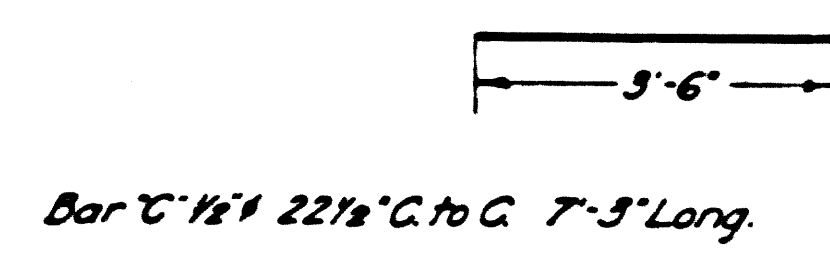
2'0" C to C



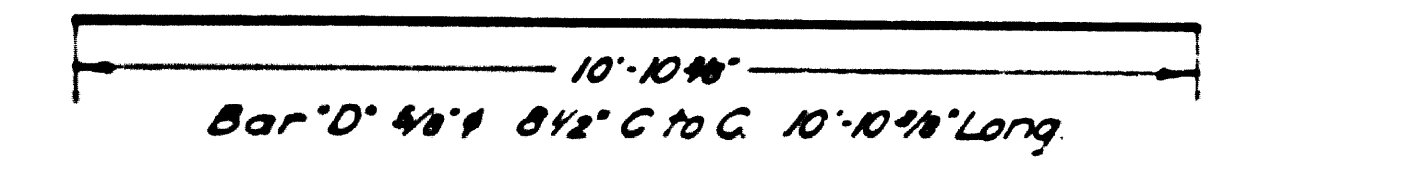
Bar 'A' 7/8" Alternately 7/8" x 15" C to C. 20' 1/2" Long. Alternate Long and Short Ends.



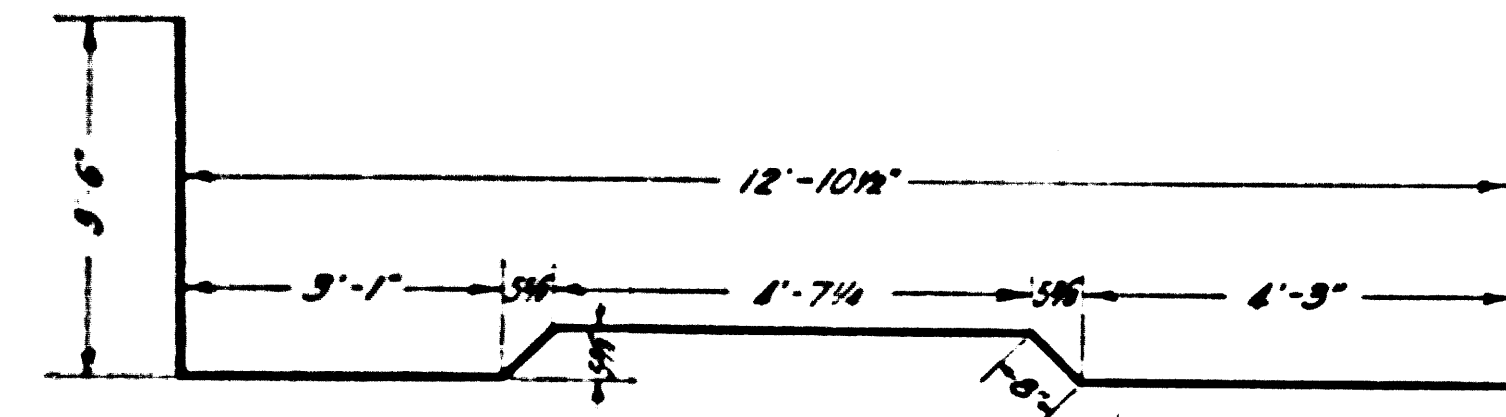
Bar 'B' 3/4" 22# C to C. 15'-8 1/2" Long.



Bar 'C' 1/2" 22# C to C. 7'-3" Long.

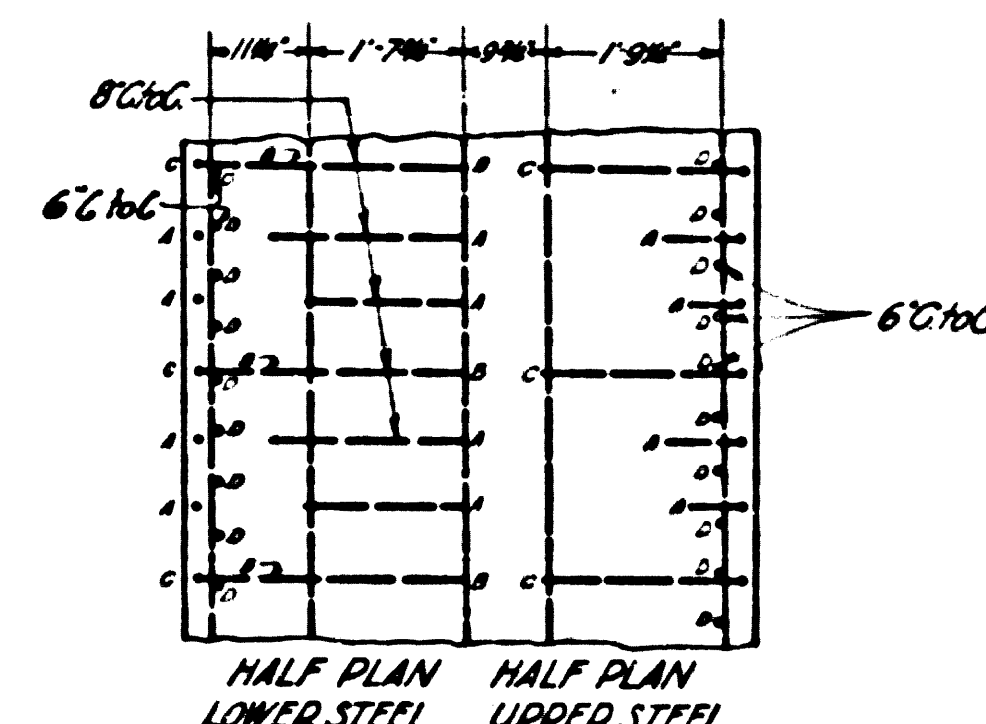


Bar 'D' 3/4" 8 1/2" C to C. 10'-10 1/2" Long.

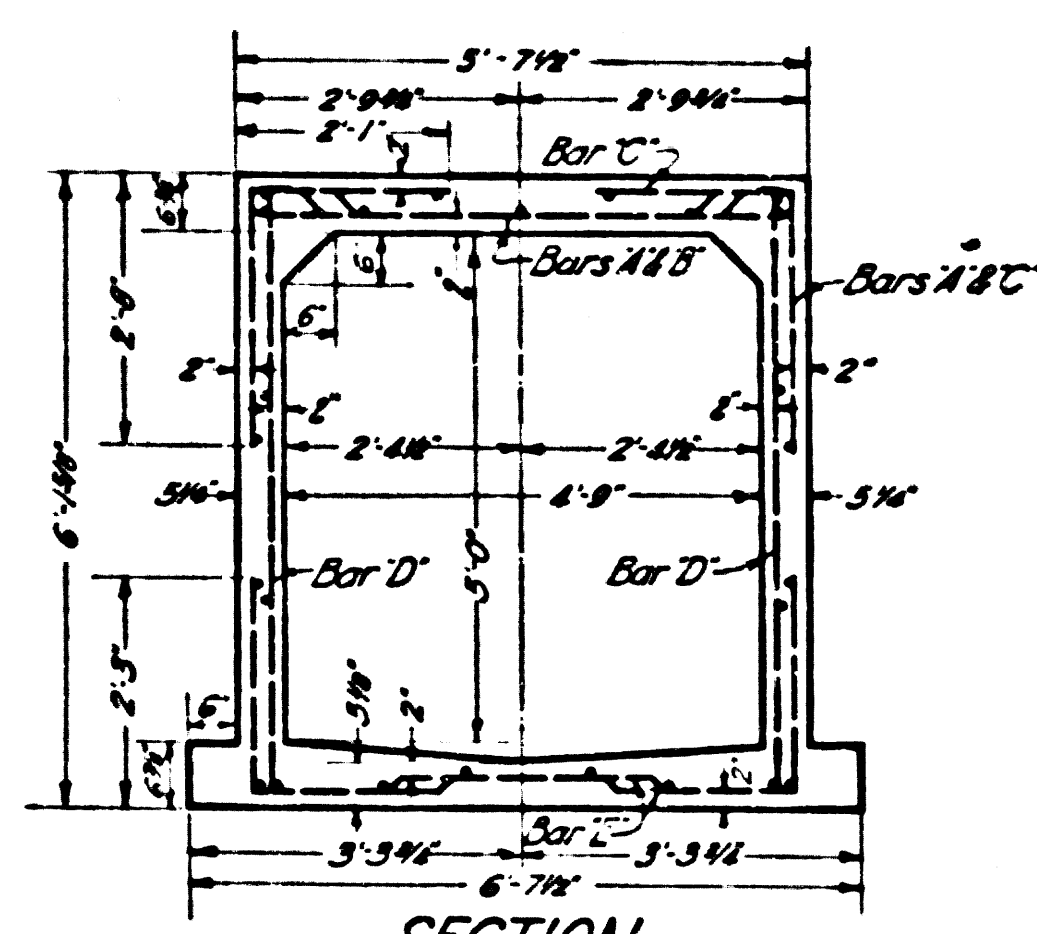


Bar 'E' 3/4" 6 1/2" C to C. 20'-3 1/4" Long. Alternate Long and Short Ends.

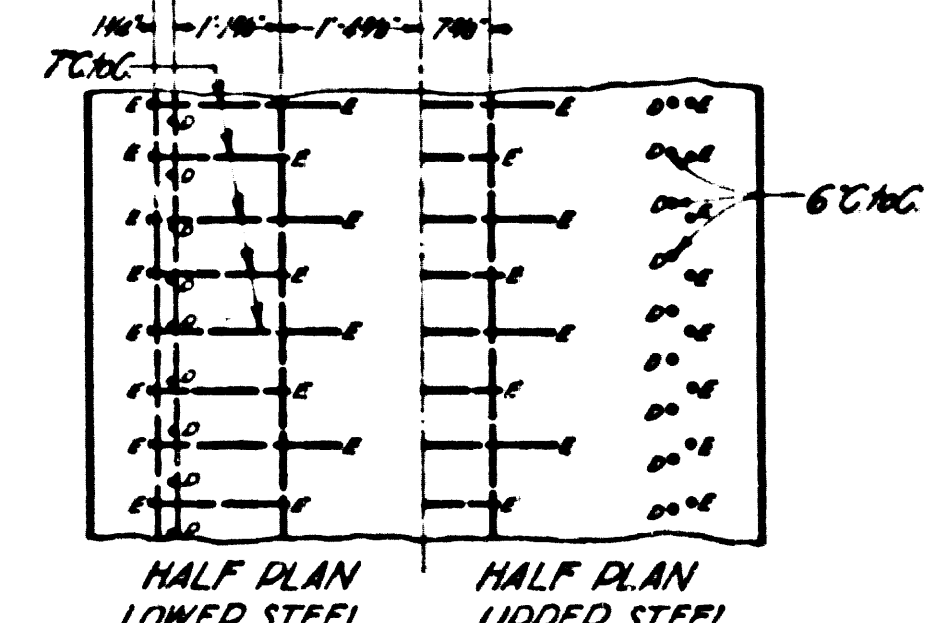
Longitudinal Steel: 32 Bars. 1/2" #



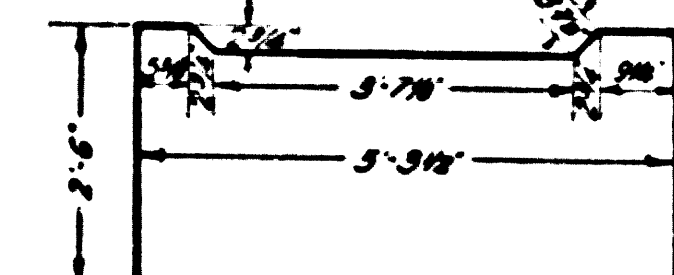
PLAN TOP SLAB



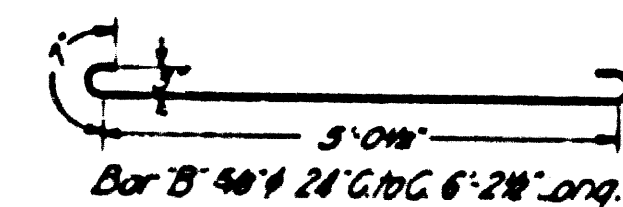
SECTION



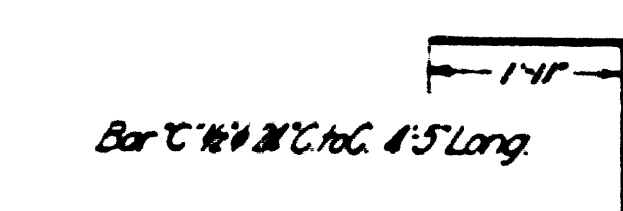
PLAN FLOOR SLAB



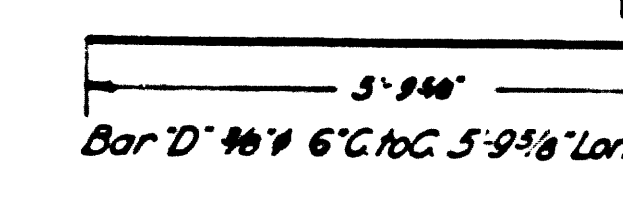
Bar 'A' 3/4" Alternately 3/4" x 6" C to C. 10'-3 1/2" Long. Alternate Long and Short Ends.



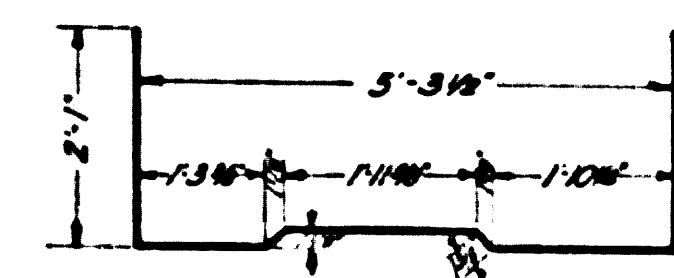
Bar 'B' 3/4" 24# C to C. 6'-2 1/2" Long.



Bar 'C' 1/2" 24# C to C. 4'-5" Long.

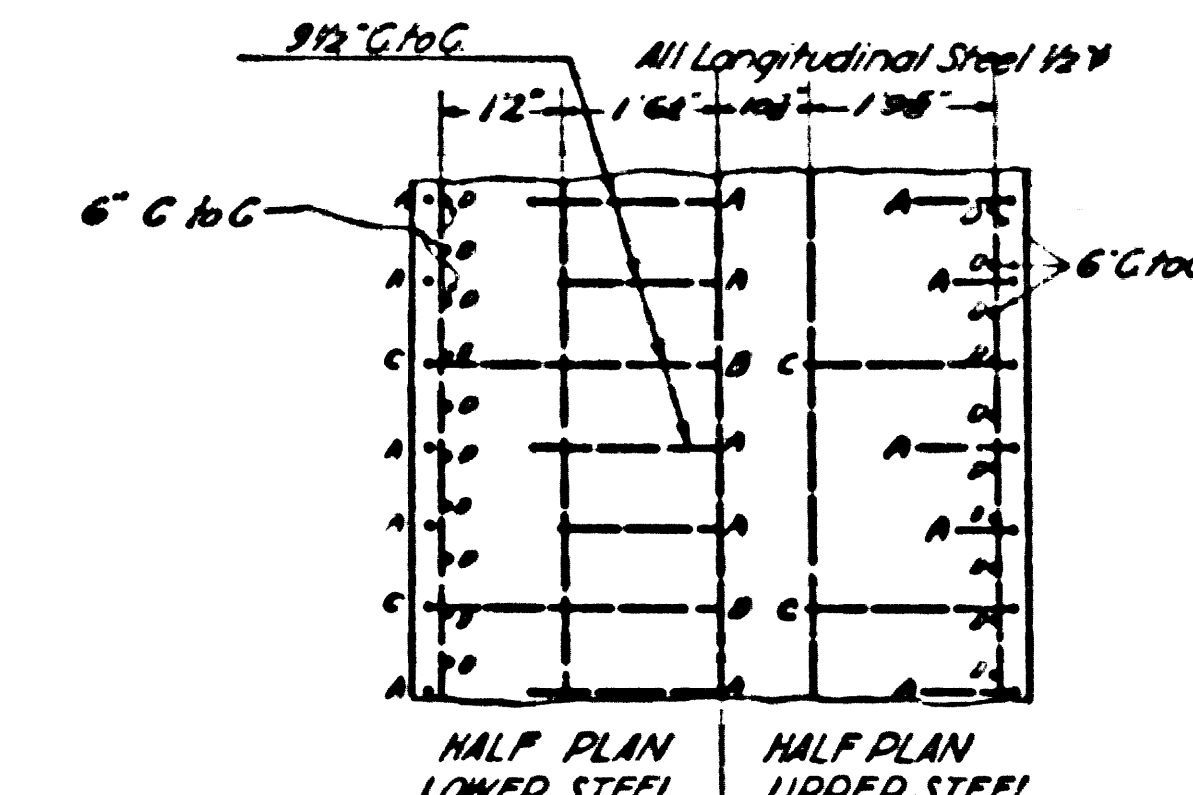


Bar 'D' 3/4" 6" C to C. 5'-8 1/2" Long.

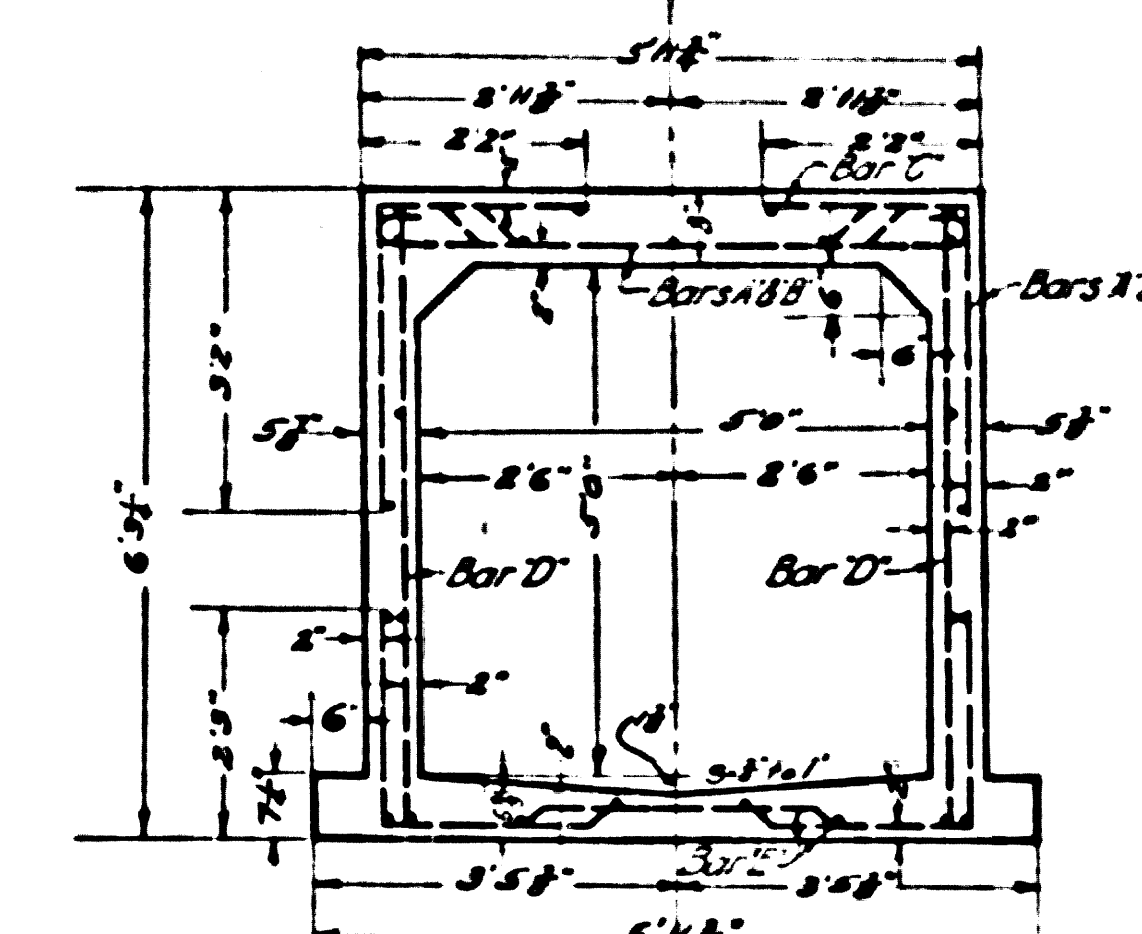


Bar 'E' 1/2" 7" C to C. 9'-6 1/2" Long. Alternate Long and Short Ends.

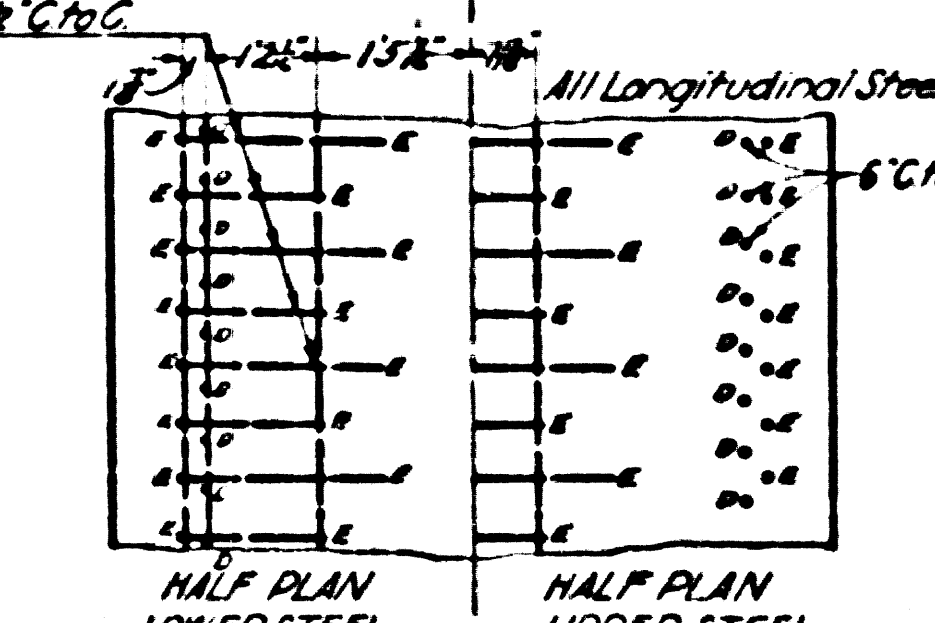
Longitudinal Steel: 25 Bars. 1/2" #



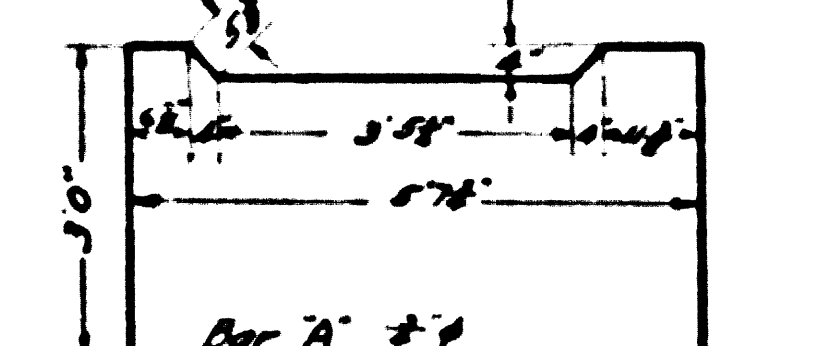
PLAN TOP SLAB



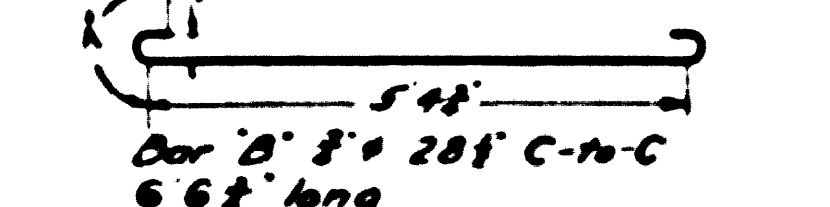
SECTION



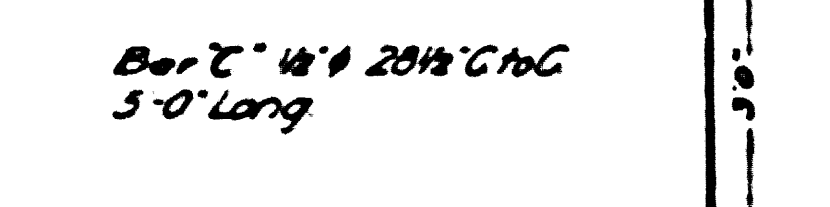
PLAN FLOOR SLAB



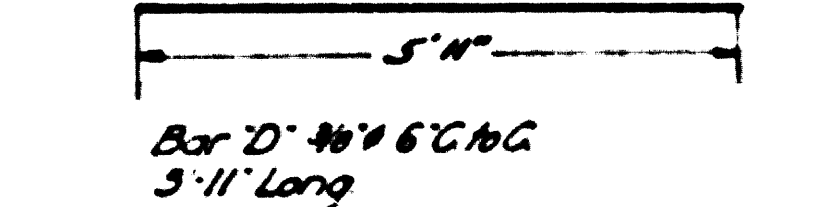
Bar 'A' 3/4" 36" x 12" Alternately C to C. 11'-11" Long. Alternate Long and Short Ends.



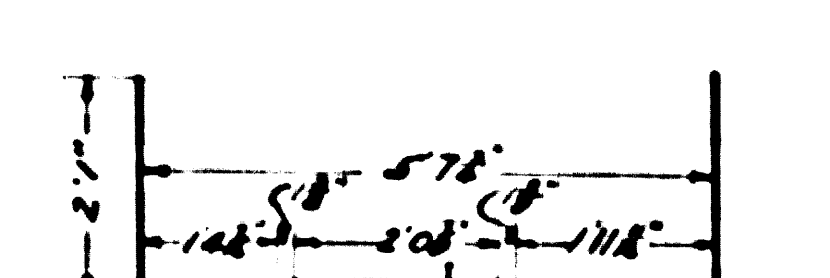
Bar 'B' 3/4" 28# C to C. 6'-6 1/2" Long.



Bar 'C' 1/2" 28# C to C. 5'-0" Long.

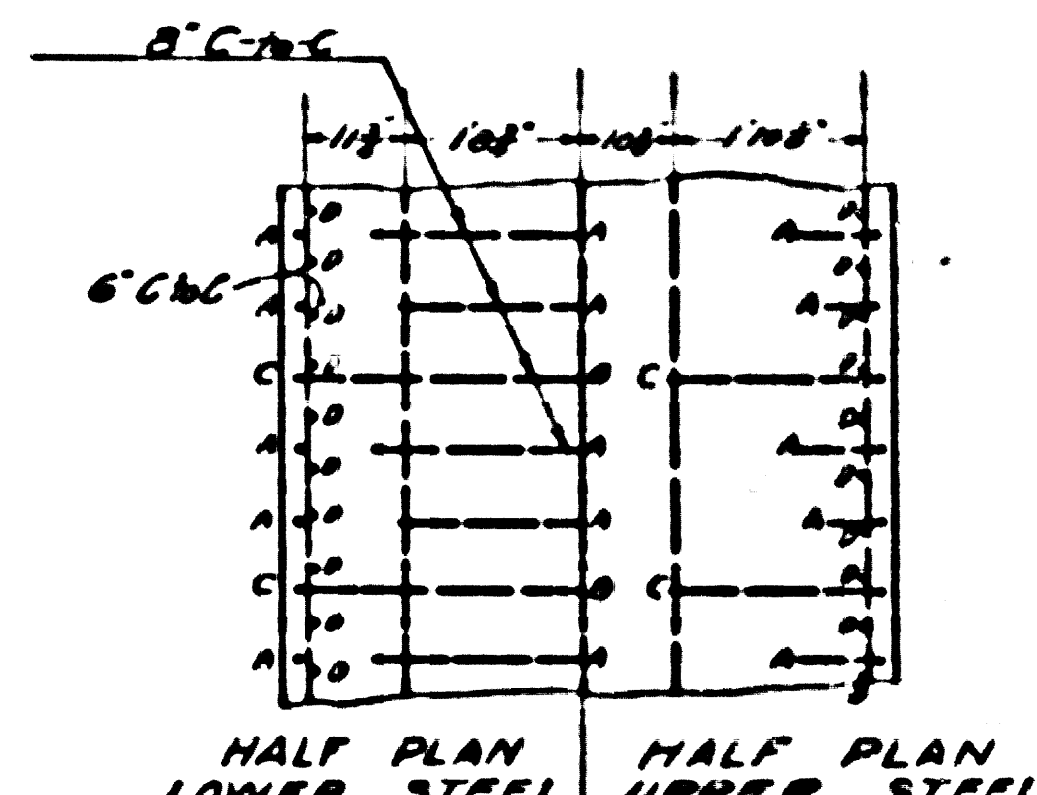


Bar 'D' 3/4" 6" C to C. 3'-11" Long.

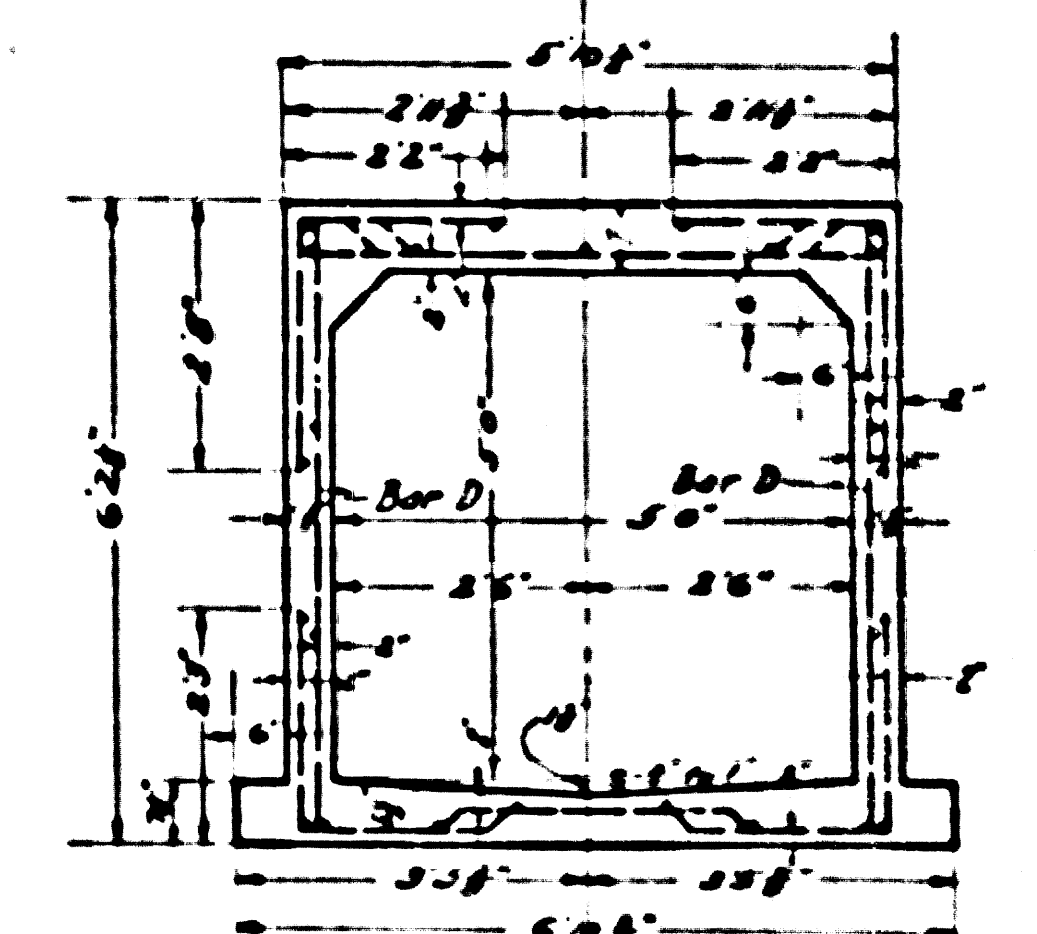


Bar 'E' 1/2" 6 1/2" C to C. 9'-11" Long. Alternate Long and Short Ends.

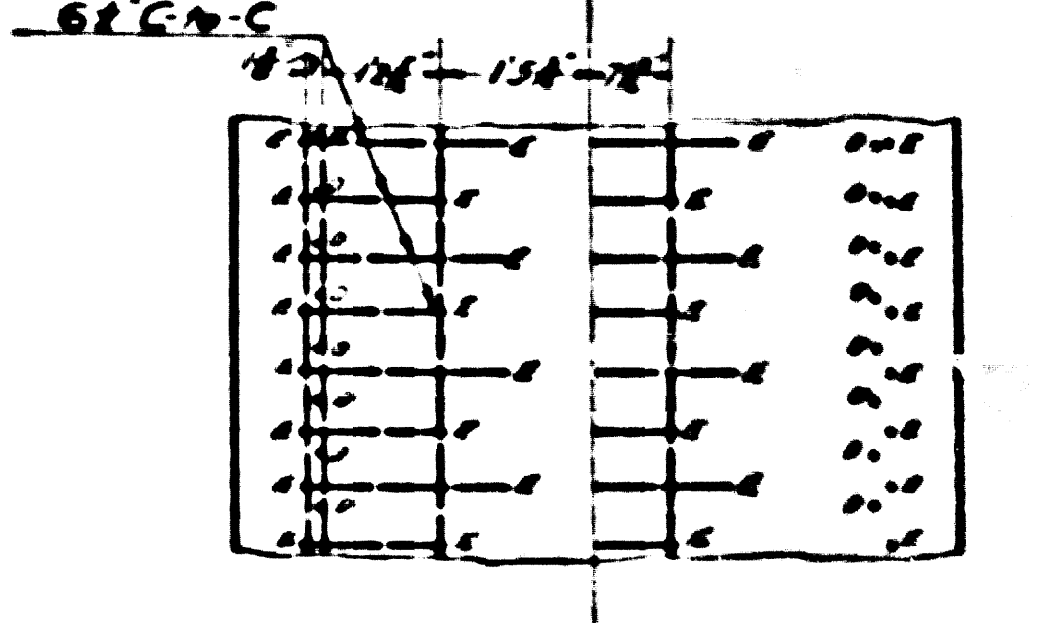
Longitudinal Steel: 25 Bars. 1/2" #



PLAN TOP SLAB



SECTION



PLAN FLOOR SLAB

To Station 24+00 of Glen Ave. Trunk, Sheet 5
 To Station 11+2.63 Back 1+88 Ahead of Glen Ave. Trunk, Sheet 5A

yards per foot.
 nds per foot (on tangent)
 1 = 940 lbs. per sq. foot.
 eel refer to center lines.

UNREINFORCED CONCRETE
 9'-0" x 11'-9"
 SECTION XXX
 FROM STATION 24+00
 STATION 11+2.63 BACK 1+88 AHEAD
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS A-1
 SCALE 1/2"=1'

Section XXXI From Station 33+95 to Station 37+07 of Wilmington Ave. Line. Sheet 15 & 16.
 Total Length = 312 Feet
 Class A-1 Concrete = 0.4183 cubic yards per foot.
 Reinforcing Steel = 54.344 pounds per foot (on tangent)
 Top Slab: Cover = 3". Total Load = 1227 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
 BOX 5'-0" x 4'-9"
 SECTION XXXI
 FROM STATION 33+95 TO STATION 37+07
 OF WILMINGTON AVE. LINE.
 ALL CONCRETE TO BE CLASS A-1
 SCALE 1/2"=1'

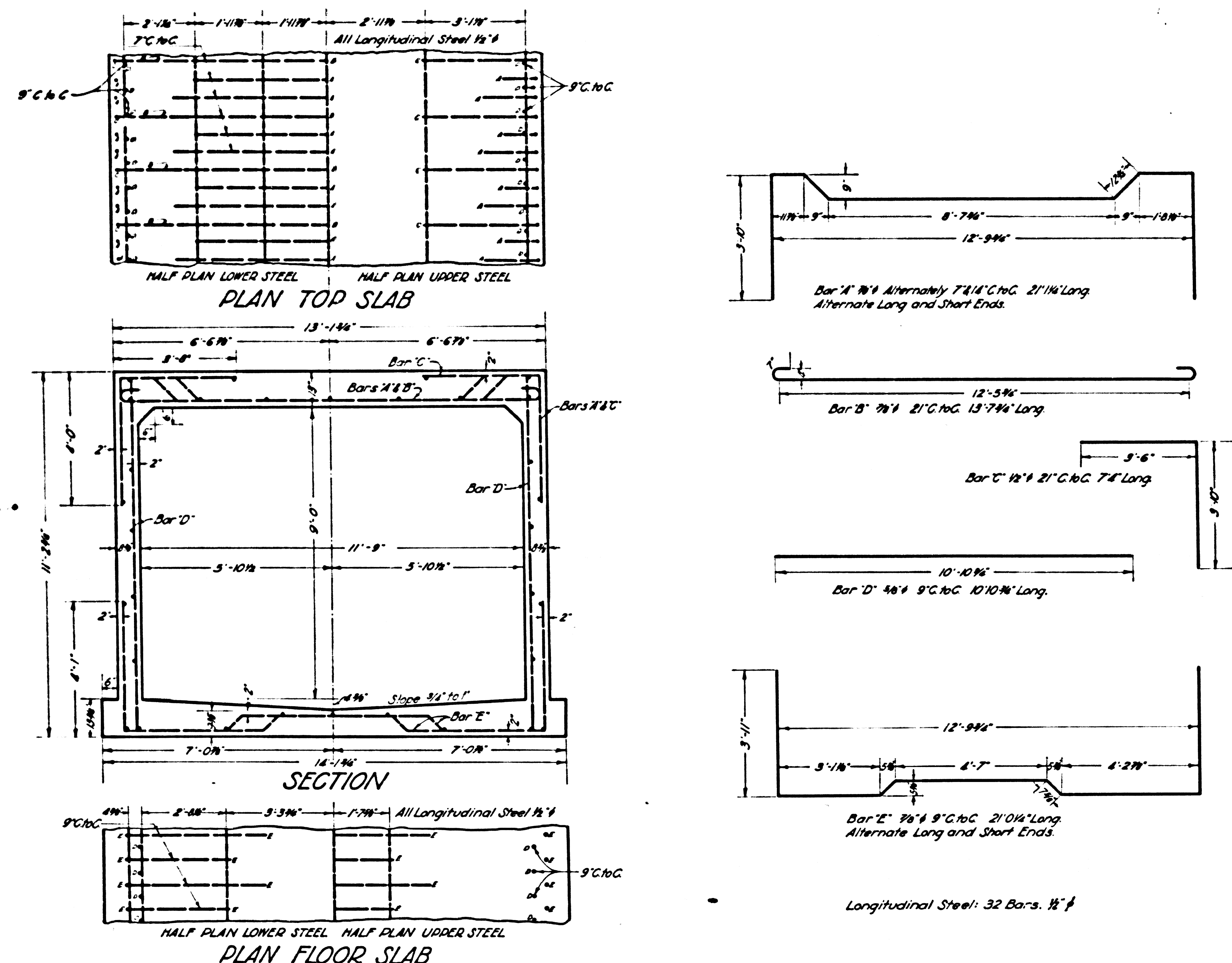
Section XXXII From Station 4+00 to Station 33+85 of Wilmington Ave. Line. Sheet 16.
 Total Length = 2985 feet
 Class A-1 Concrete = 0.4800 cubic yards per foot.
 Reinforcing Steel = 60.7592 pounds per foot (on tangent)
 Top Slab: Cover = 2". Total Load = 1715 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
 BOX 5'-0" x 5'-0"
 SECTION XXXII
 FROM STATION 4+00 TO STATION 33+85
 OF WILMINGTON AVE. LINE.
 ALL CONCRETE TO BE CLASS A-1
 SCALE 1/2"=1'

Section XXXIII From Station 1+60 to Station 1+60 of Wilmington Ave. Line. Sheet 17.
 Total Length = 840 feet
 Class A-1 Concrete = 0.4183 cubic yards per foot.
 Reinforcing Steel = 54.344 pounds per foot (on tangent)
 Top Slab: Cover = 3". Total Load = 1227 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
 BOX 5'-0" x 5'-0"
 SECTION XXXIII
 FROM STATION 1+60
 OF WILMINGTON AVE. LINE.
 ALL CONCRETE TO BE CLASS A-1
 SCALE 1/2"=1'

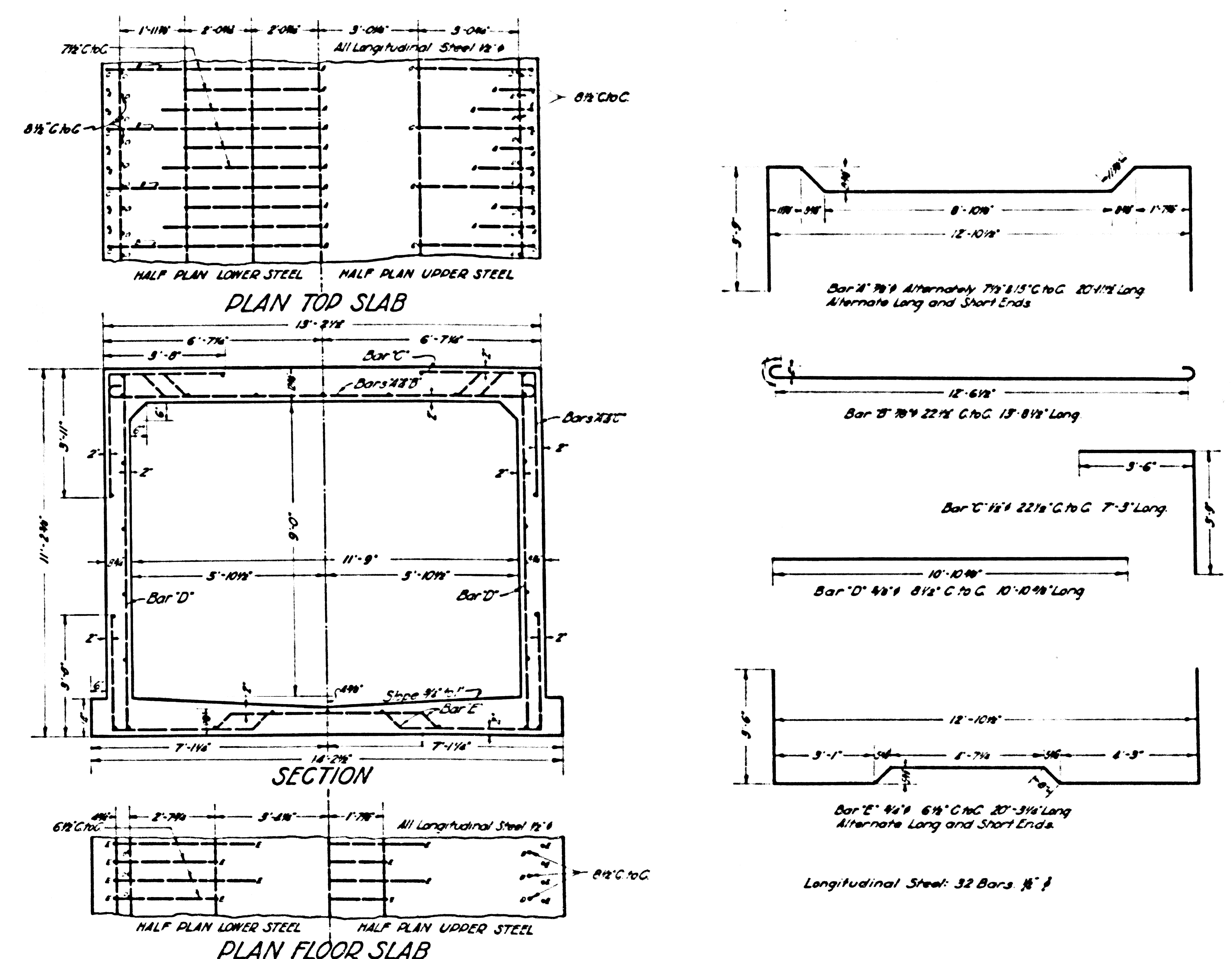
CSB-1171-20
 A2 OF A10



Section XXIX from Station 24+00 to Station 59+00 of Glen Ave. Trunk, Sheet 5.
 Total Length = 3500 feet
 Class #1 Concrete = 15230 cubic yards per foot
 Reinforcing Steel = 182,342 pounds per foot (on tangent)
 Top Slab Cover = 2" Total Load = 1067 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

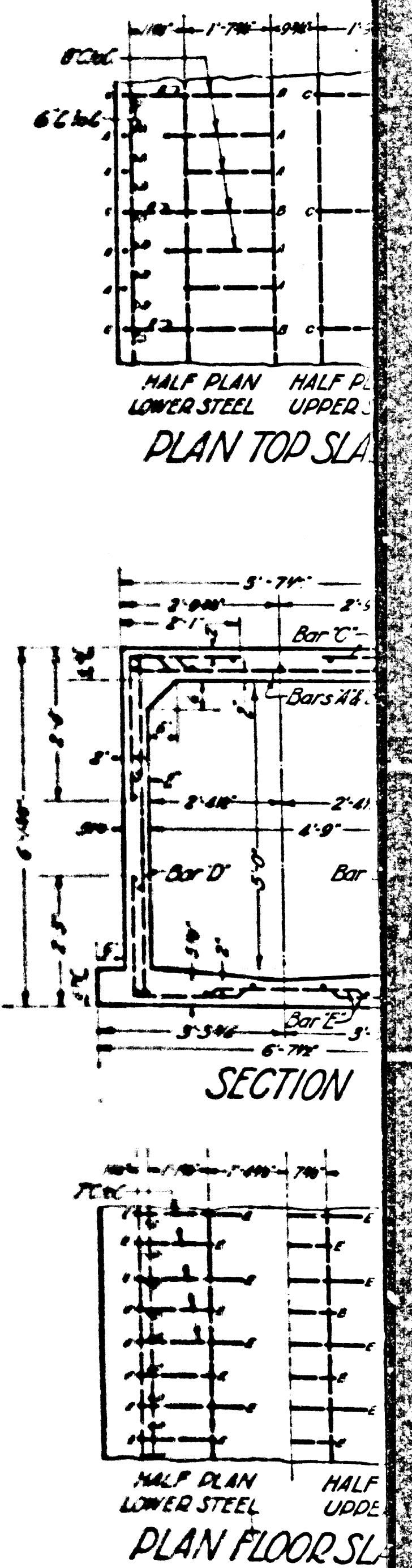
REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXIX
FROM STATION 24+00 TO STATION 59+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS #1
SCALE 1/2" = 1'

CSB-1171-20
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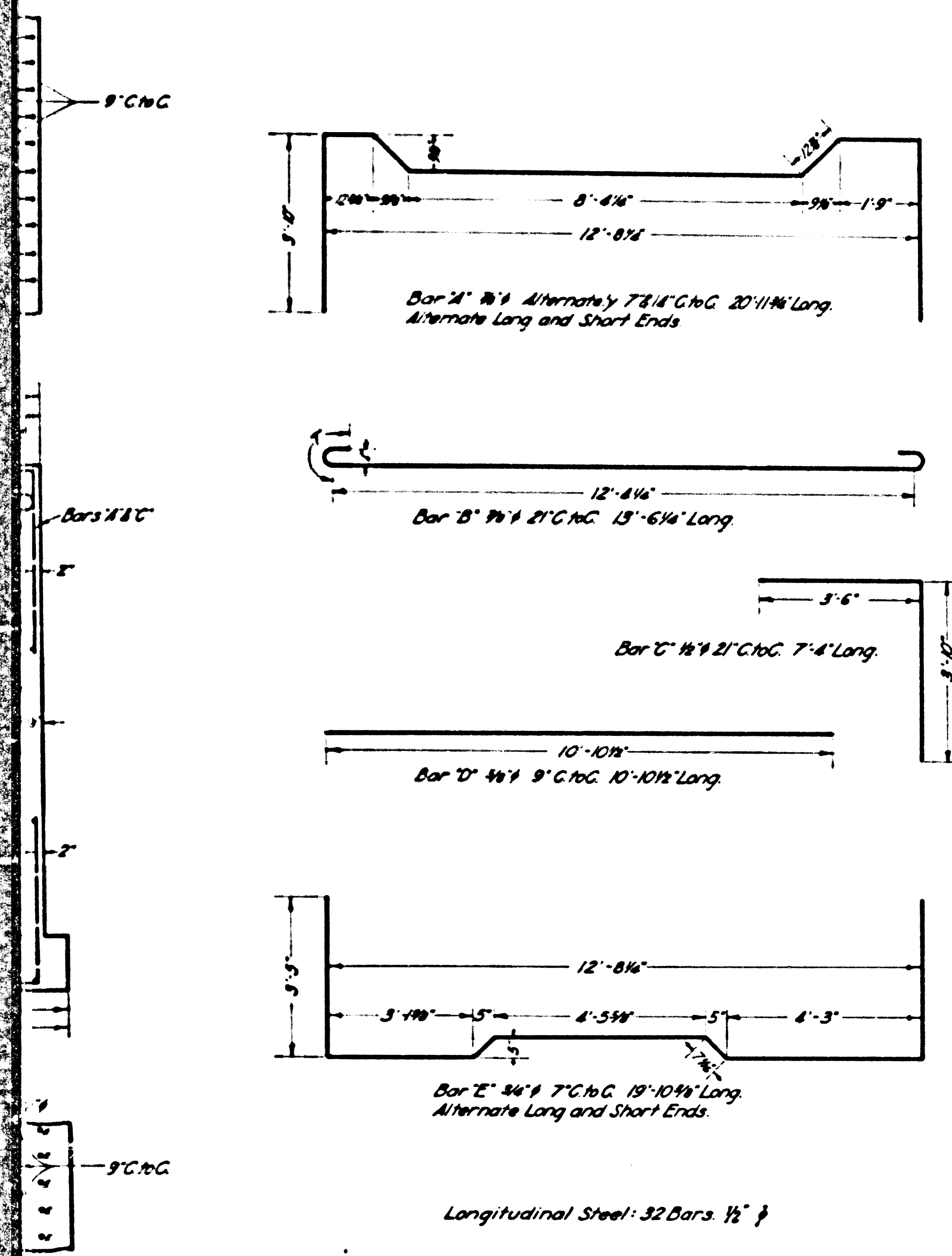
Section XXX from Station 1+88 to Station 24+00 of Glen Ave. Trunk, Sheet 5.
 Section XXX from Station 2+9470 to Station 11+263 Back 1+88 Ahead of Glen Ave. Trunk, Sheet 5A.
 Total Length = 3029.93 feet
 Class #1 Concrete = 15345 cubic yards per foot
 Reinforcing Steel = 177,027 pounds per foot (on tangent)
 Top Slab Cover = 3" Total Load = 940 lbs. per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXX
FROM STATION 1+88 TO STATION 24+00
FROM STATION 2+9470 TO STATION 11+263 BACK 1+88 AHEAD
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS #1
SCALE 1/2" = 1'

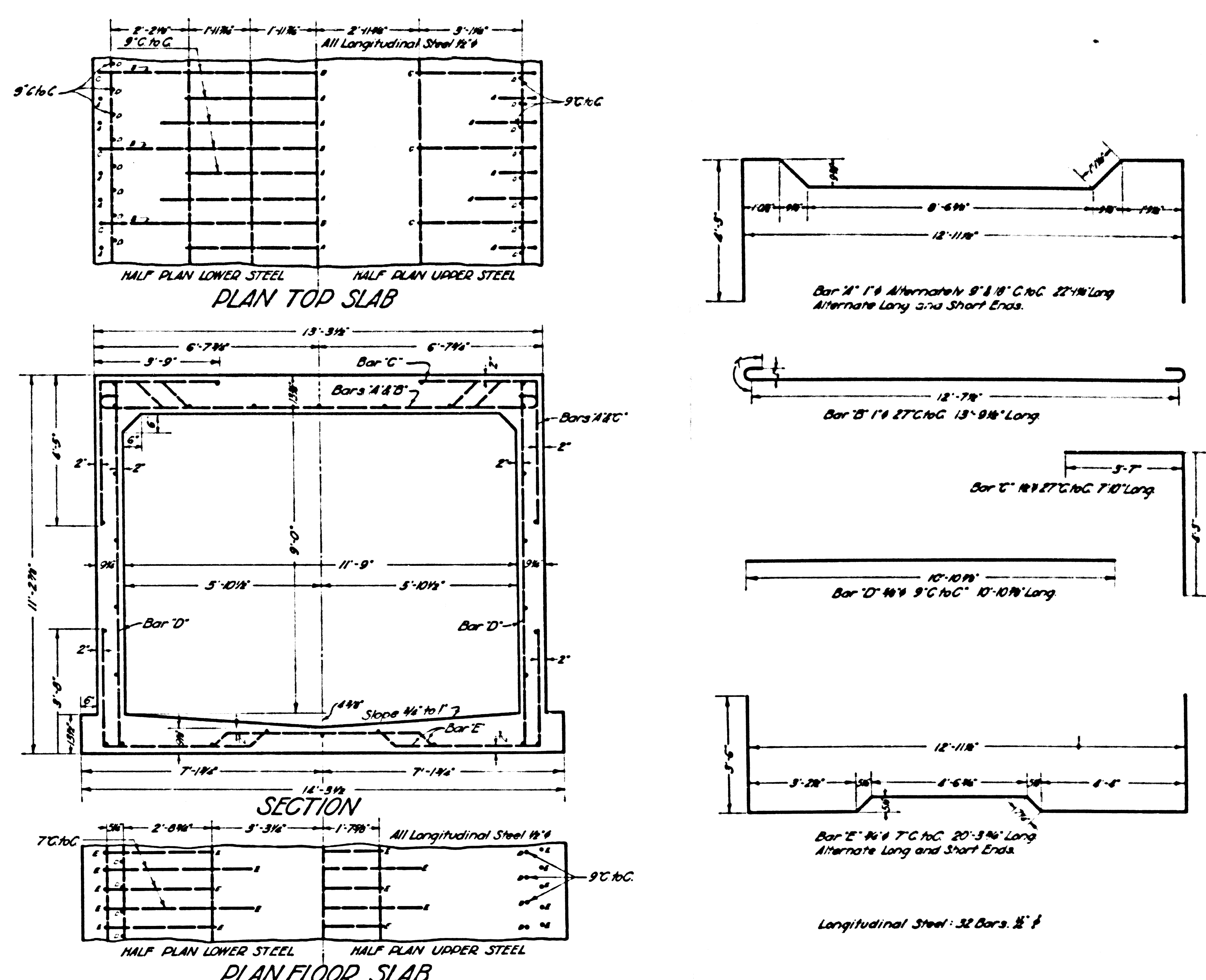


Section XXXI from Station 24+00 to Station 59+00 of Glen Ave. Trunk, Sheet 5.

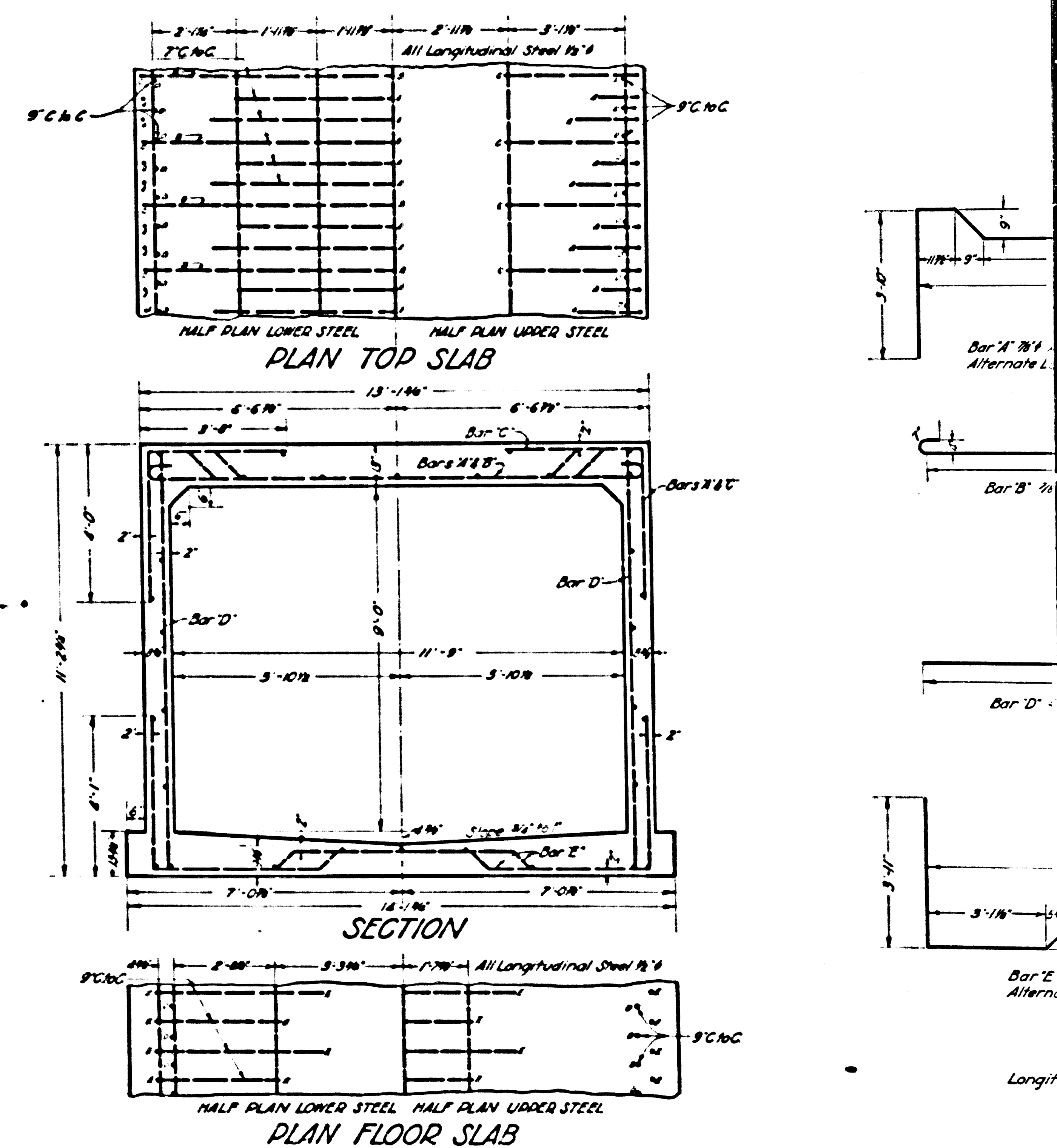
REINFORCED CONCRETE
BOX 9'-0" x 11'-9"
SECTION XXXI
FROM STATION 24+00 TO STATION 59+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS #1
SCALE 1/2" = 1'



FROM STATION 64+32 TO STATION 73+30 OF GLEN AVE. TRUNK, SHEET 5.
 REINFORCED CONCRETE
 BOX 9'-0" X 11'-6"
 SECTION XXVII
 FROM STATION 64+32 TO STATION 73+30.
 GLEN AVE. TRUNK.
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'



REINFORCED CONCRETE
 BOX 9'-0" X 11'-9"
 SECTION XXVIII
 FROM STATION 59+00 TO STATION 64+22
 OF GLEN AVE. TRUNK
 CSB-1171-20
 A4 OF A10
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'



REINFORCED CONCRETE
 BOX 9'-0" X 11'-9"
 SECTION XXIX
 FROM STATION 24+00 TO STATION 59+00
 OF GLEN AVE. TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'

Section XXVIII from Station 59+00 to Station 64+22 of Glen Ave. Trunk, Sheet 5.
 Total Length = 522 Feet
 Class A1 Concrete = 15880 cubic yards per foot
 Reinforcing Steel = 178549 pounds per foot (on tangent)
 Top Slab: Cover = 1". Total Load = 1132 lbs per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.

Section XXIX from Station 24+00 to Station 59+00 of Glen Ave. Trunk.
 Total Length = 3500 Feet
 Class A1 Concrete = 15230 cubic yards per foot
 Reinforcing Steel = 1823478 pounds per foot (on tangent)
 Top Slab: Cover = 2". Total Load = 1087 lbs per sq. foot.
 Dimensions to Reinforcing Steel refer to center lines.