

Longitudinal Steel: 27 Bars

NOTES:

All reinforced concrete structures shall be Class "A" Concrete.

Weep holes 1/4" in diameter shall be placed in each sidewall and spaced not more than five feet each way.

Reviewed for Corrections August 1941 A.T. Kincaid

Section XVII from Station 169+00 to Station 175+00 of Glen Ave., Trunk Sheet 4
 Total Length 600 Feet
 Class "A" Concrete - 0.8751 Cubic Yards per Foot
 Reinforcing Steel: 101.9103 Pounds per Foot (on Tangent)
 Top Slab: Cover 2"; Total Load 1384 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
 BOX 7'-0" x 7'-9"
 SECTION XVII

FROM STATION 169+00 TO STATION 175+00
 OF GLEN AVE. TRUNK

ALL CONCRETE TO BE CLASS "A"
 SCALE 1/2" = 1'

Reviewed for Corrections
 August 1941
 A.T. Kincaid

CSB-1171-19
 A10FA9

GLEN AVENUE
 DRAINAGE SYSTEM

OF THE COUNTY OF LOS ANGELES, CALIFORNIA

DETAILS OF BOX SECTIONS
 SECTIONS I TO XVII

SHEET 19 OF 26 SHEETS

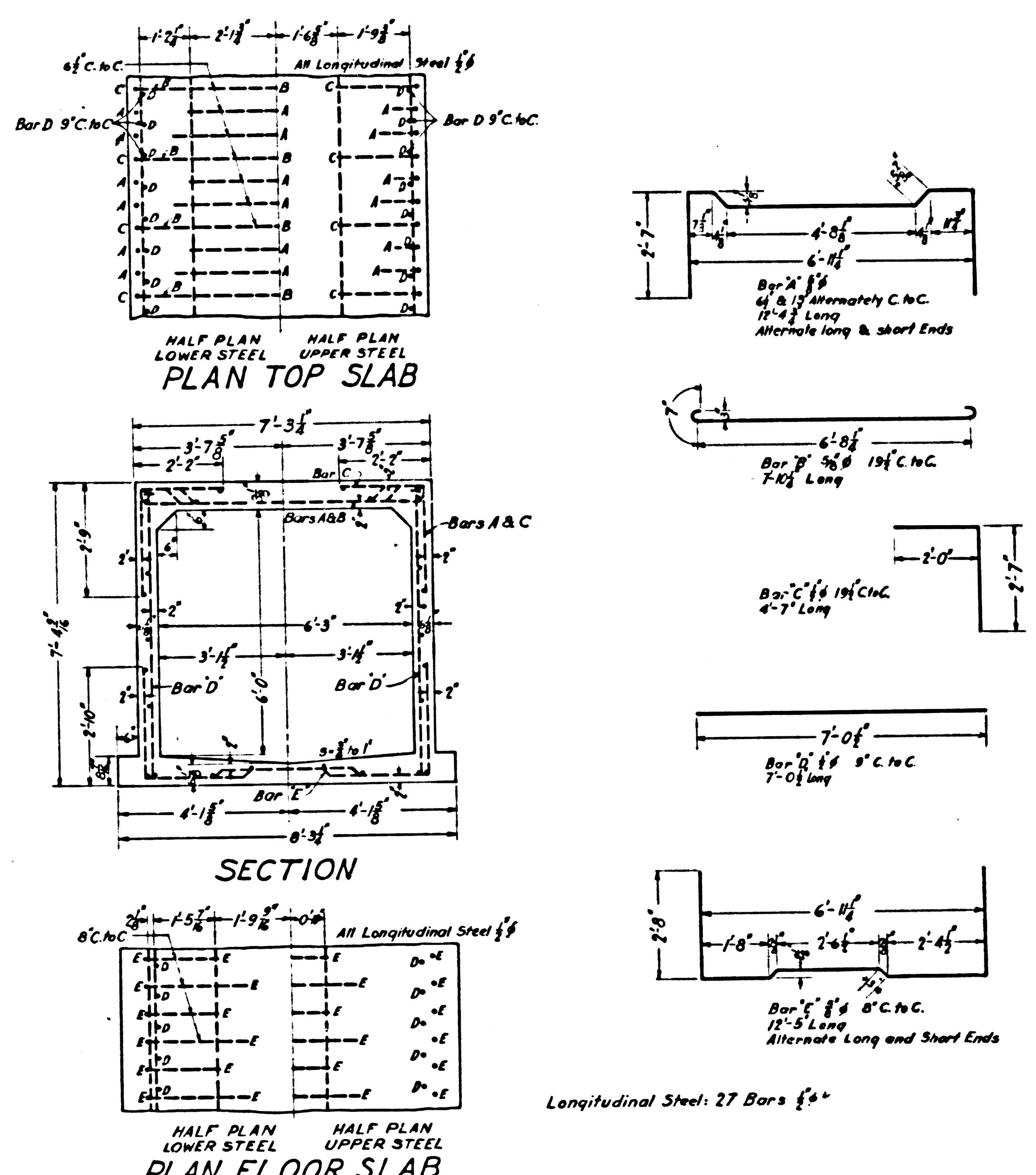
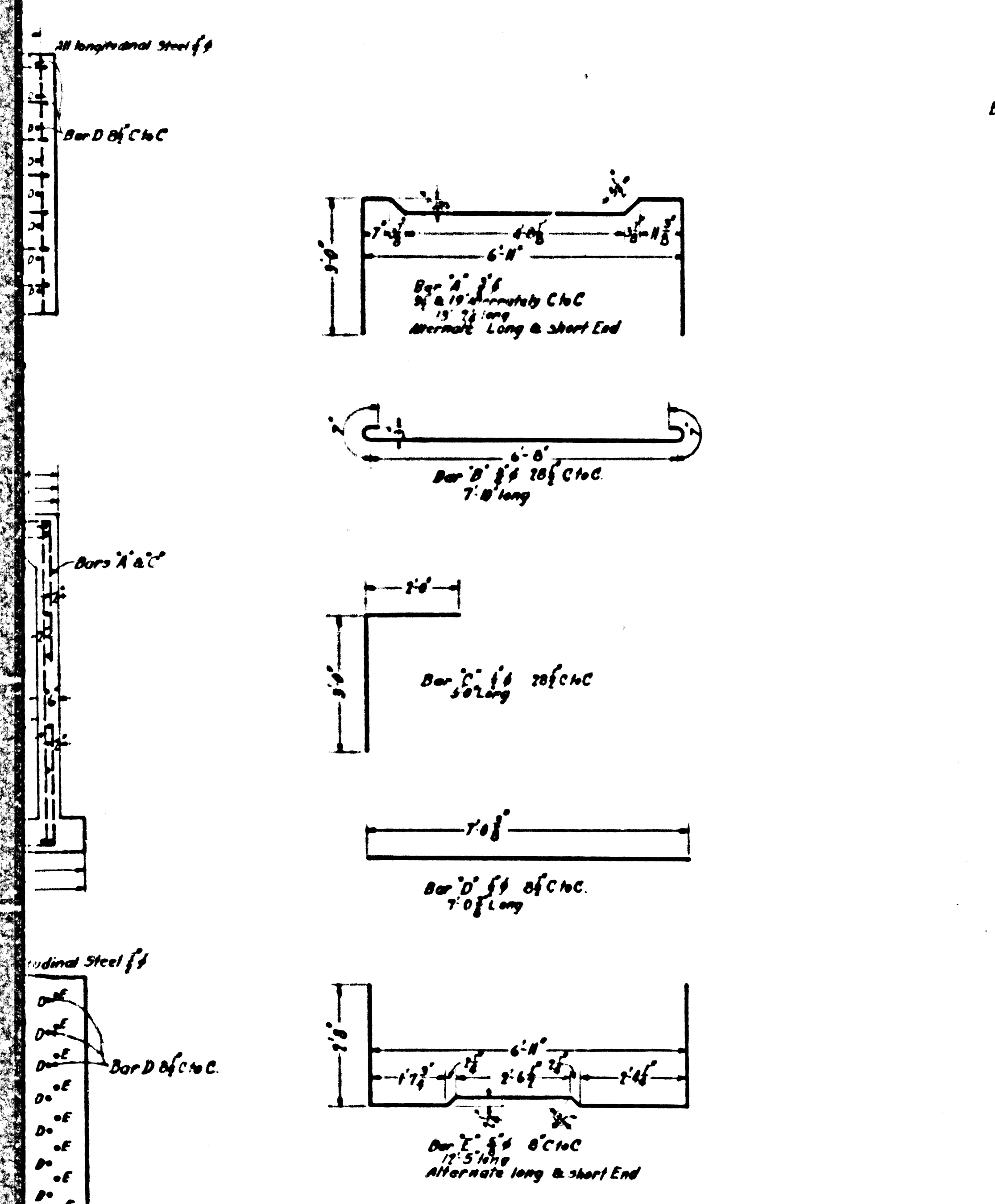
SCALE AS SHOWN

NOVEMBER 1933

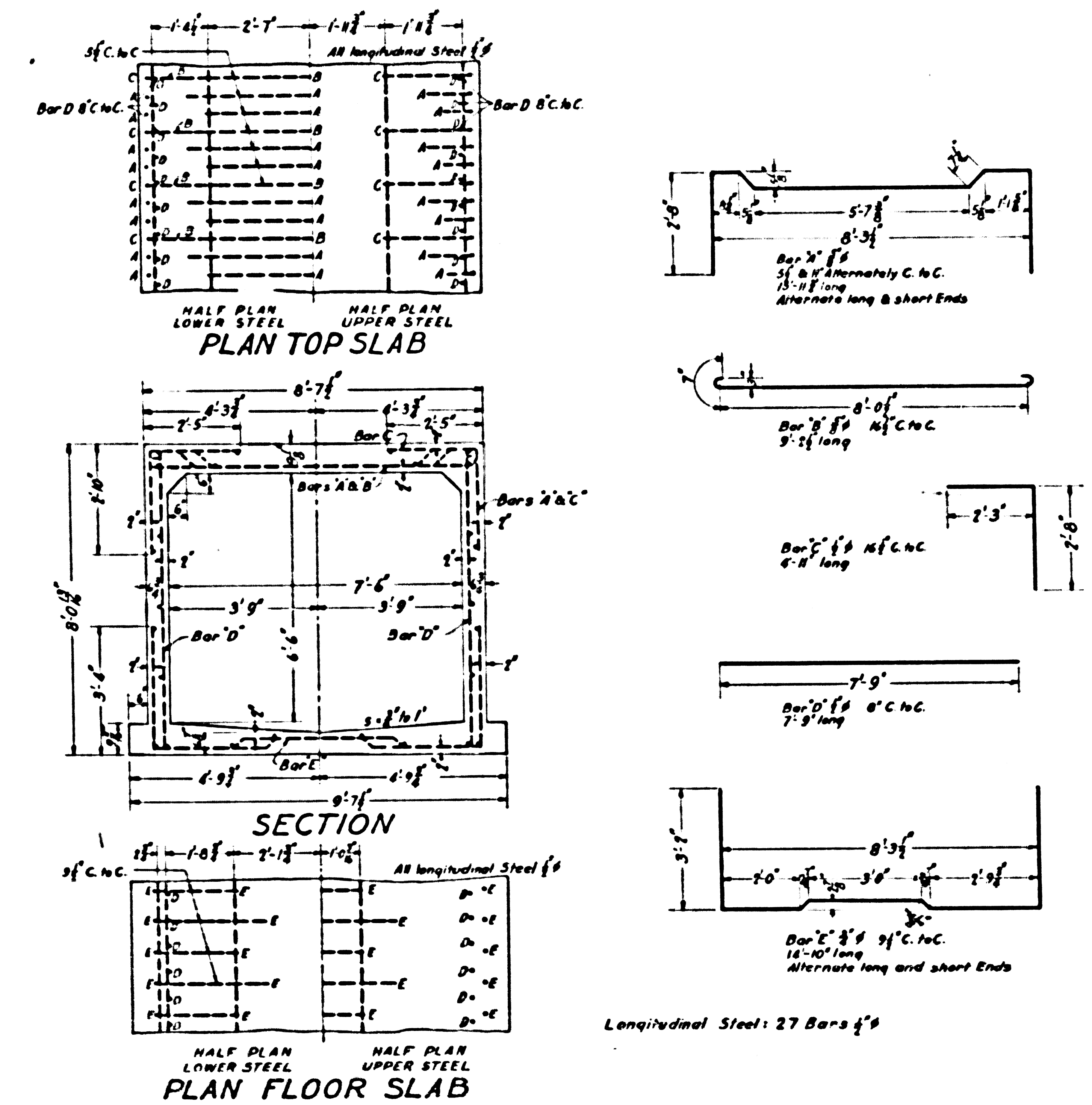
ALFRED JONES COUNTY SURVEYOR

RECOMMENDED [Signature] APPROVED [Signature]

REFERENCE	DESIGNED	E. E. Mitchell	OCT. 1933
	TRACED	G. R. Hornbrook	DEC. 1934
	CHECKED	R. L. Gregory	JAN. 1935



REINFORCED CONCRETE
BOX 6'-0" x 6'-3"
SECTION X
FROM STATION 212+52.75 TO STATION 223+00
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

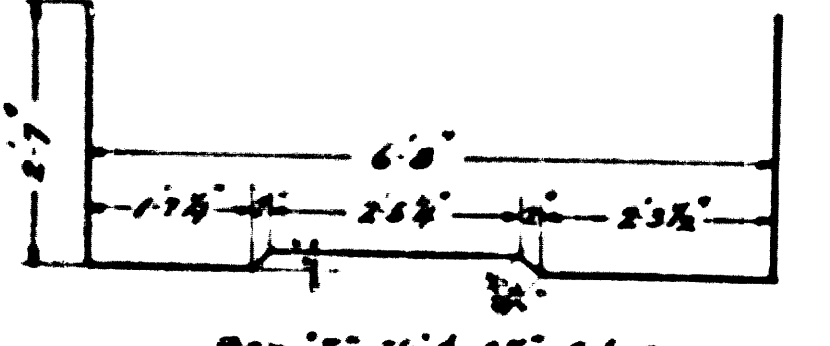
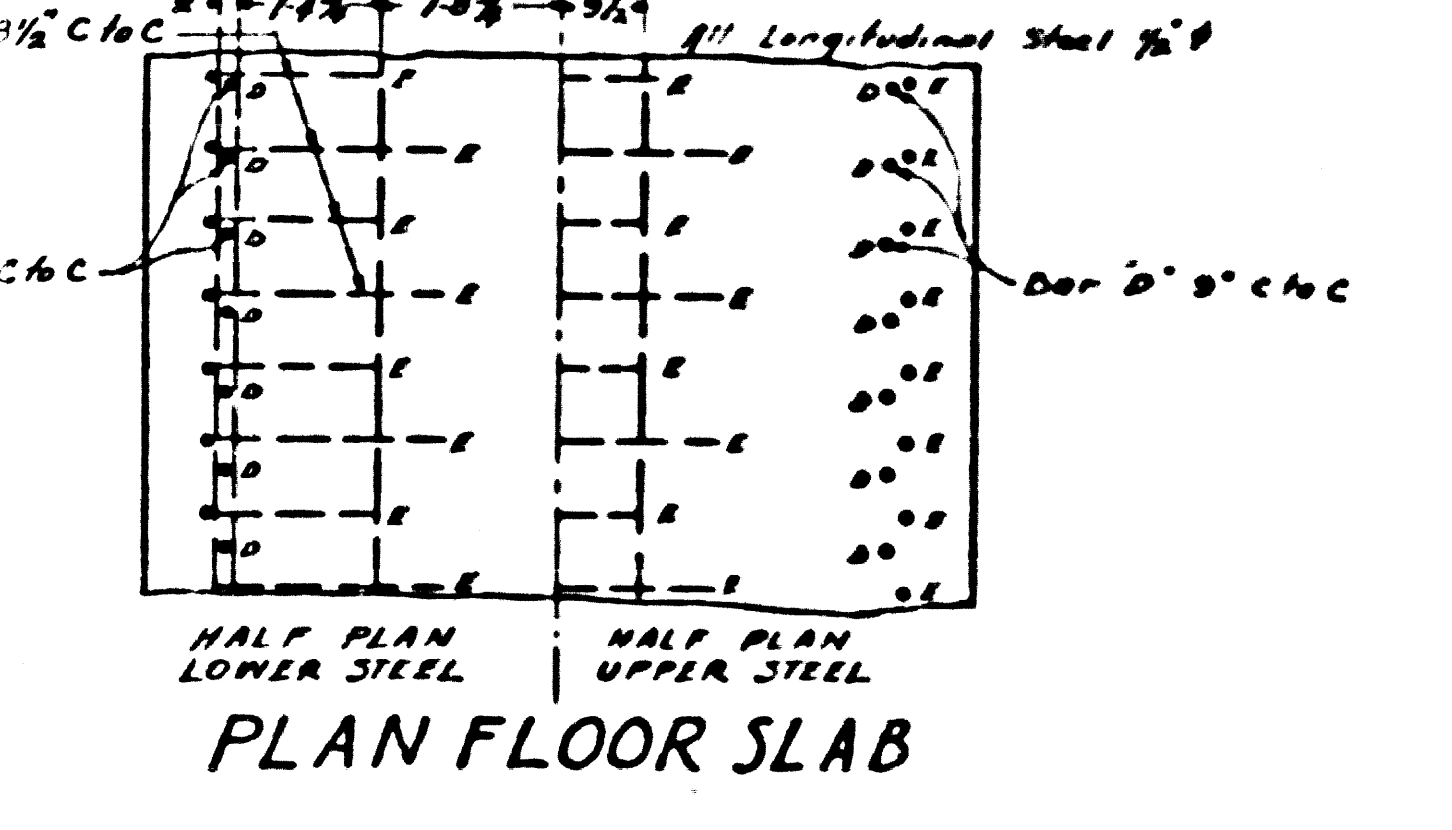
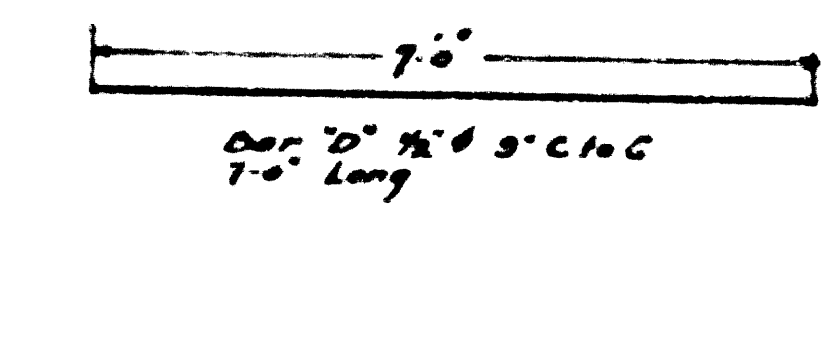
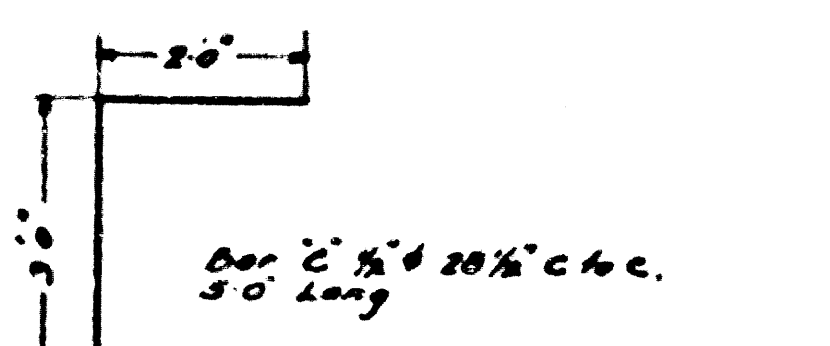
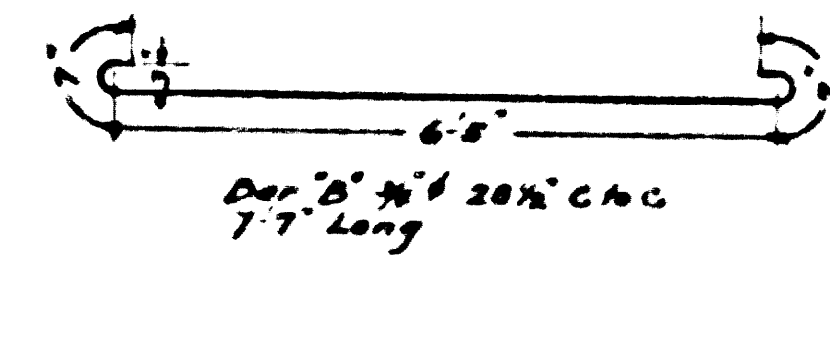
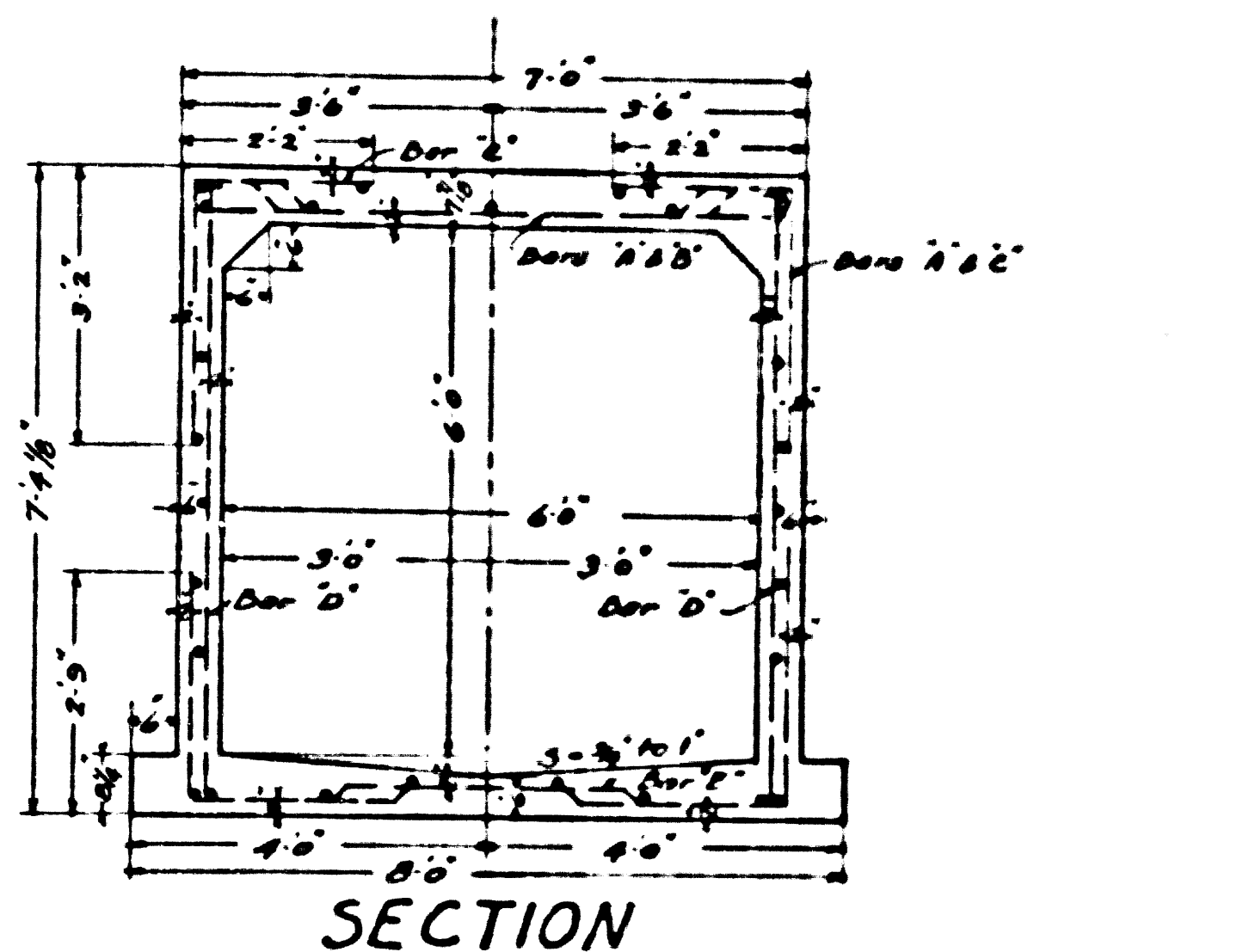
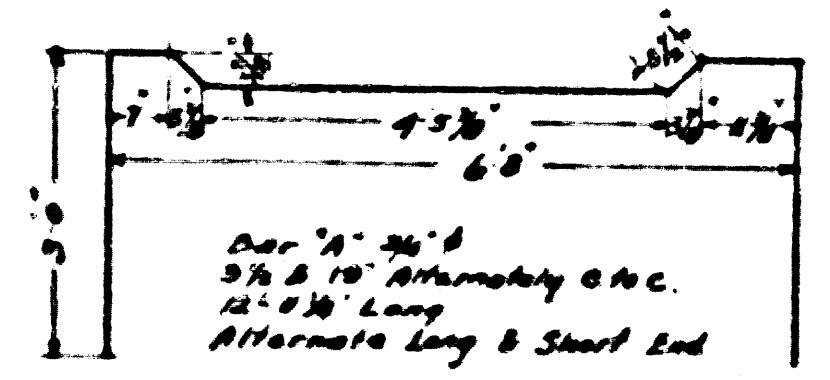
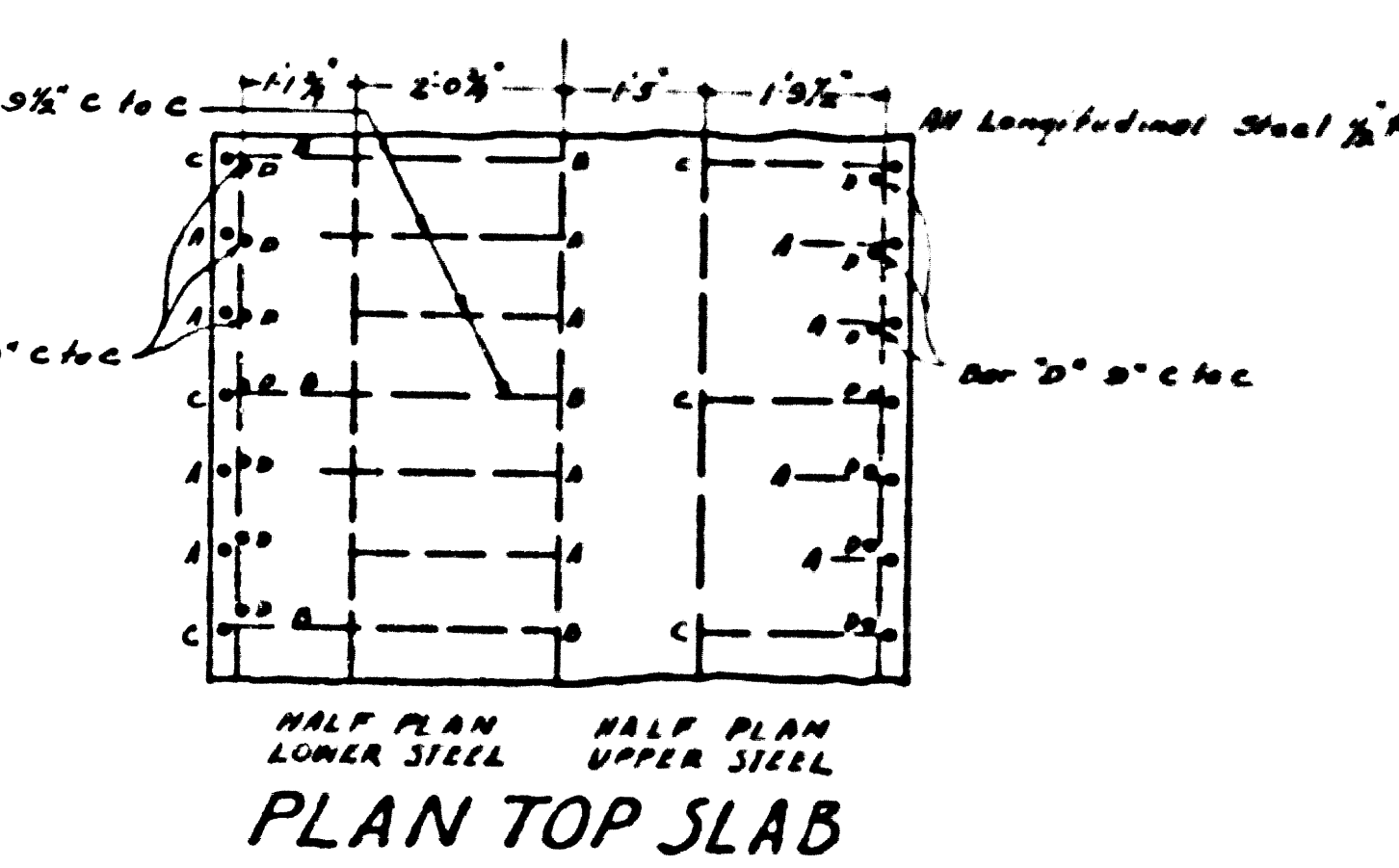


REINFORCED CONCRETE
BOX 6'-6" x 7'-6"
SECTION XI
FROM STATION 211+10.39 TO STATION 212+43.42
OF GLEN AVE., TRUNK
CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

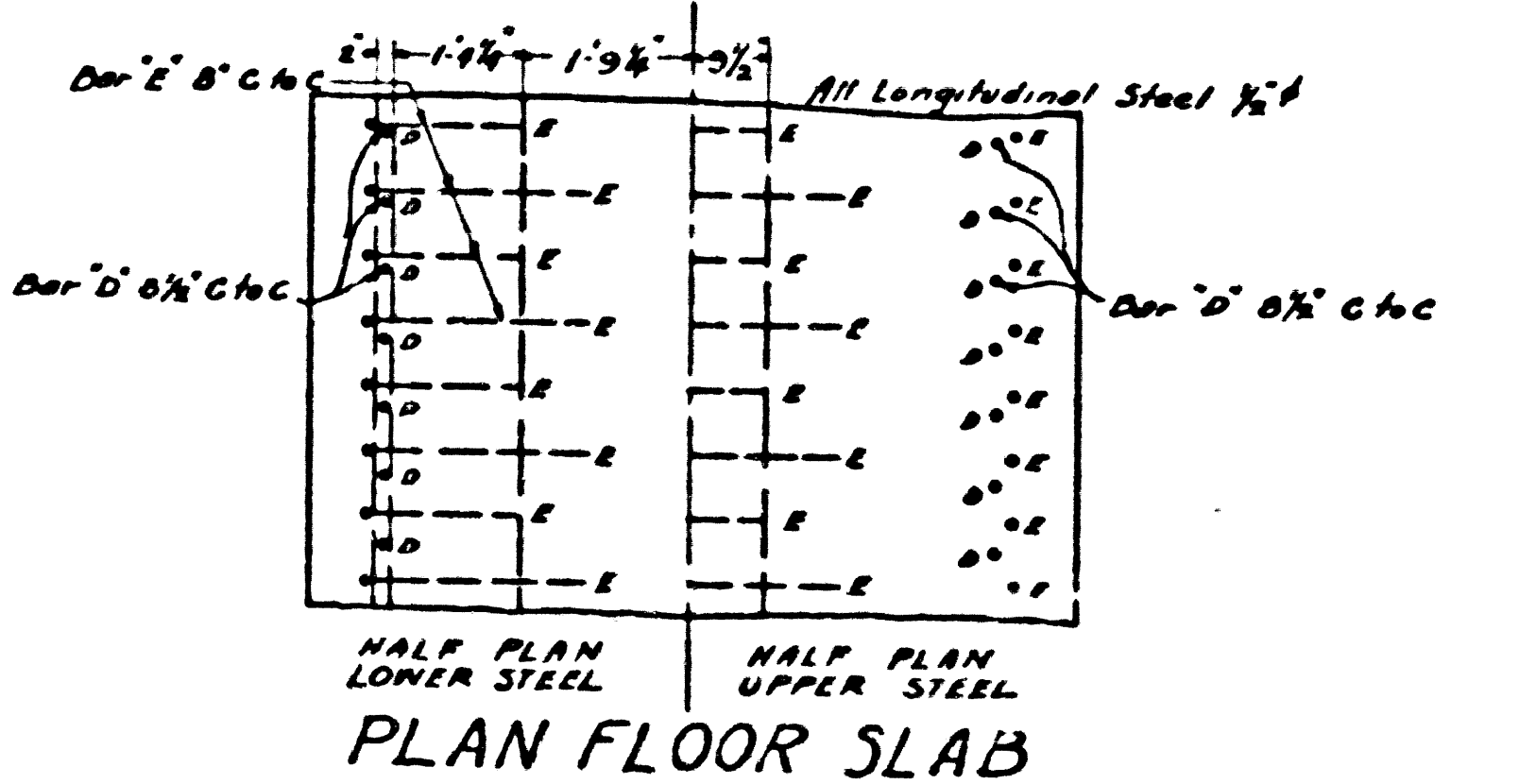
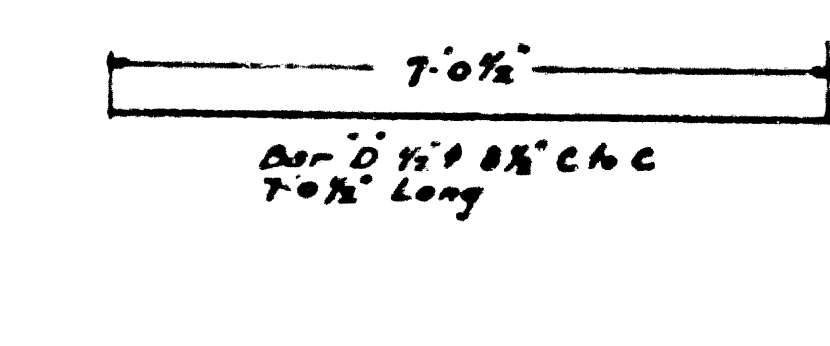
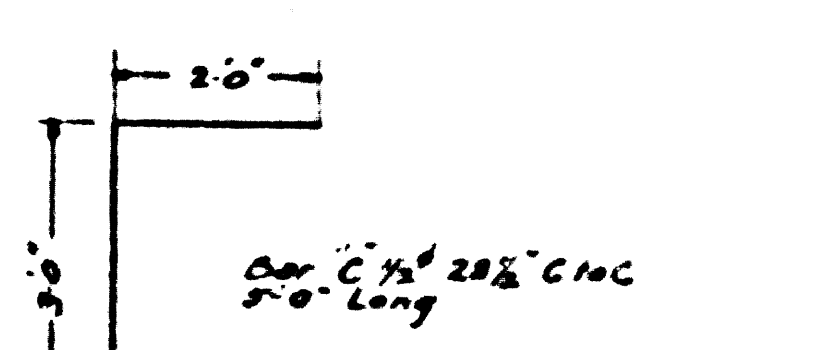
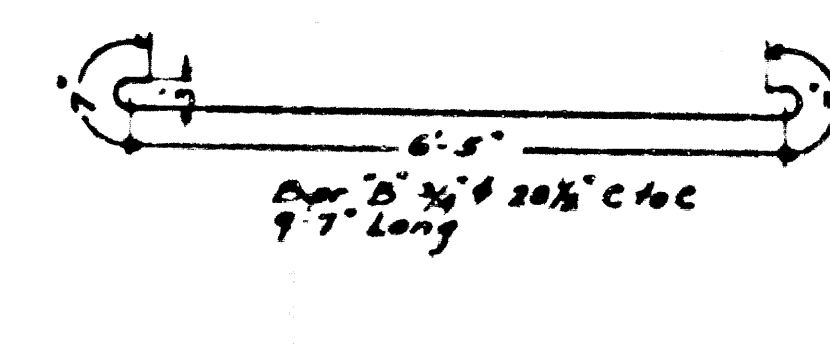
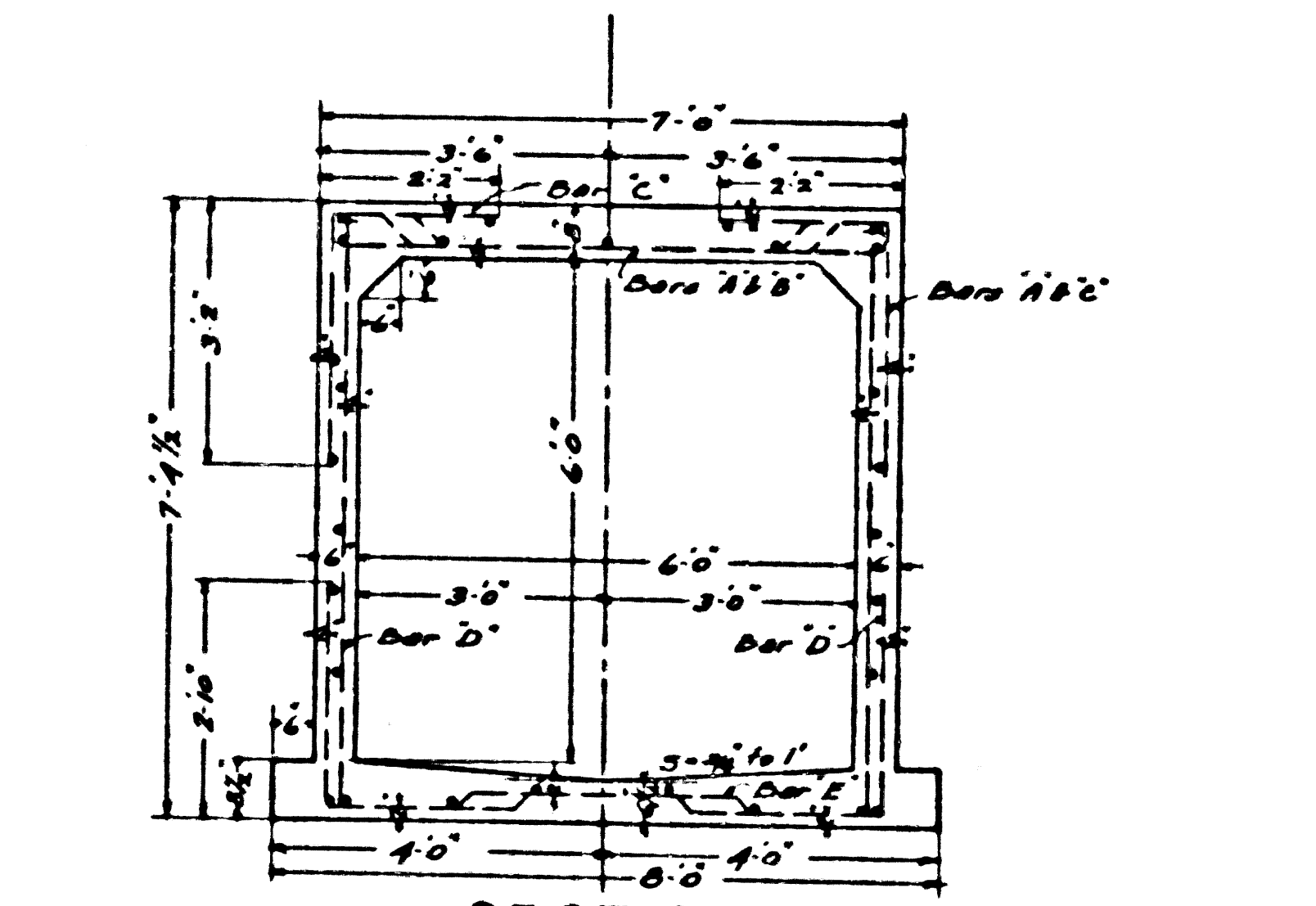
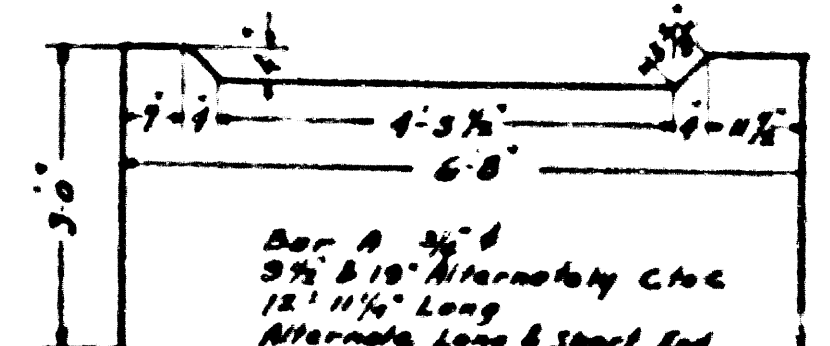
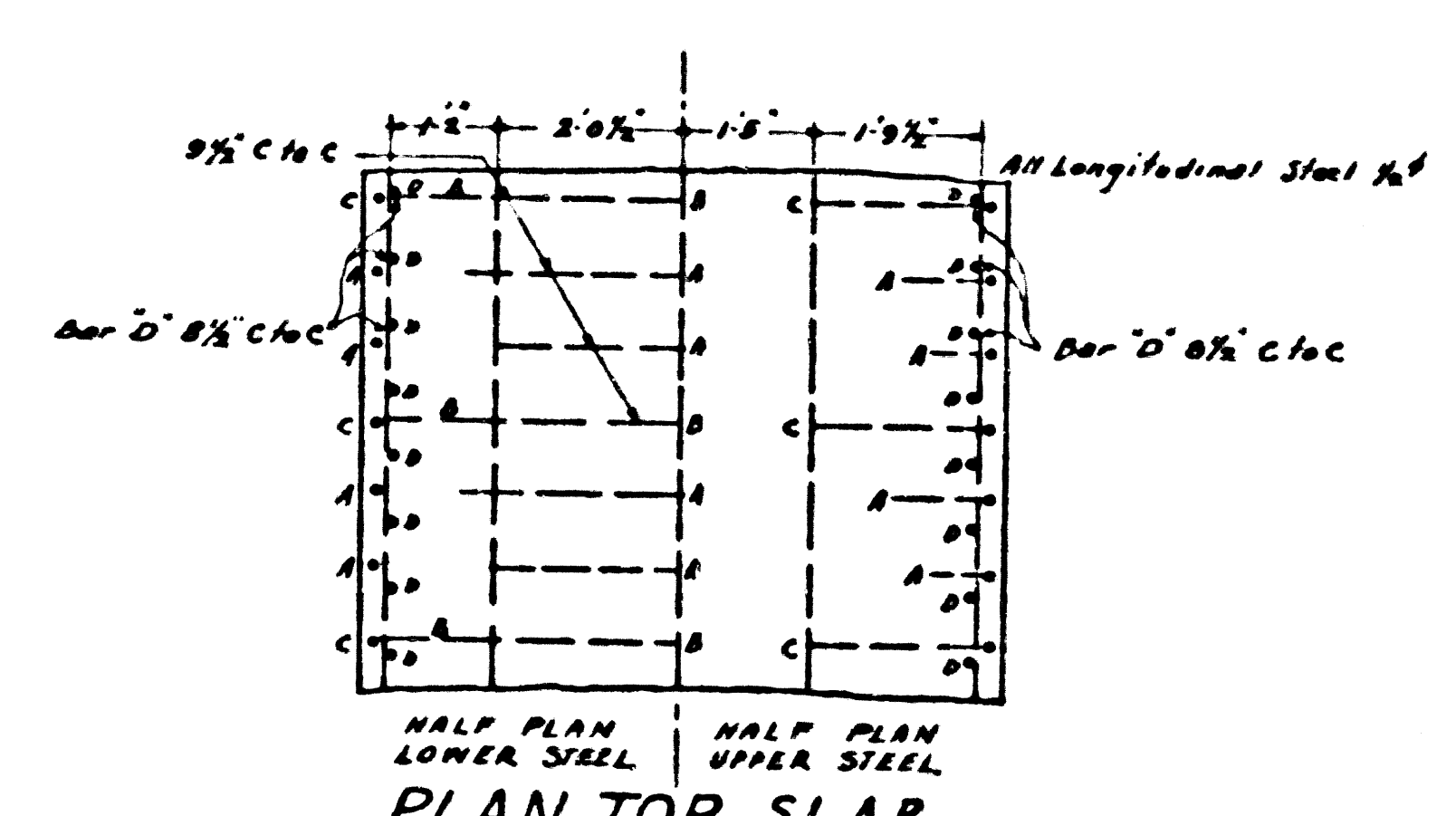
Station 257+34.56 of Glen Ave. Trunk Sheet 3
 Class A1 Concrete : 0.6115 Cubic Yards per Foot
 Reinforcing Steel : 16.0025 Pounds per Foot (on Tangent)
 Top Slab : Cover 3" Total Load 1168.07 Lbs per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines.

Section II from Station 211+10.39 to Station 212+43.42 of Glen Ave., Trunk, Sheet 4
 Total Length 133.03 Feet
 Class A1 Concrete : 0.7382 Cubic Yards per Foot
 Reinforcing Steel : 96.1632 Pounds per Foot (on Tangent)
 Top Slab : Cover 3" Total Load 1108.13 Lbs per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines

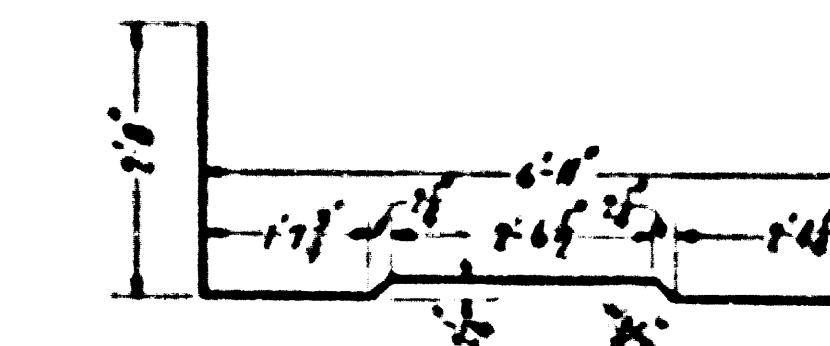
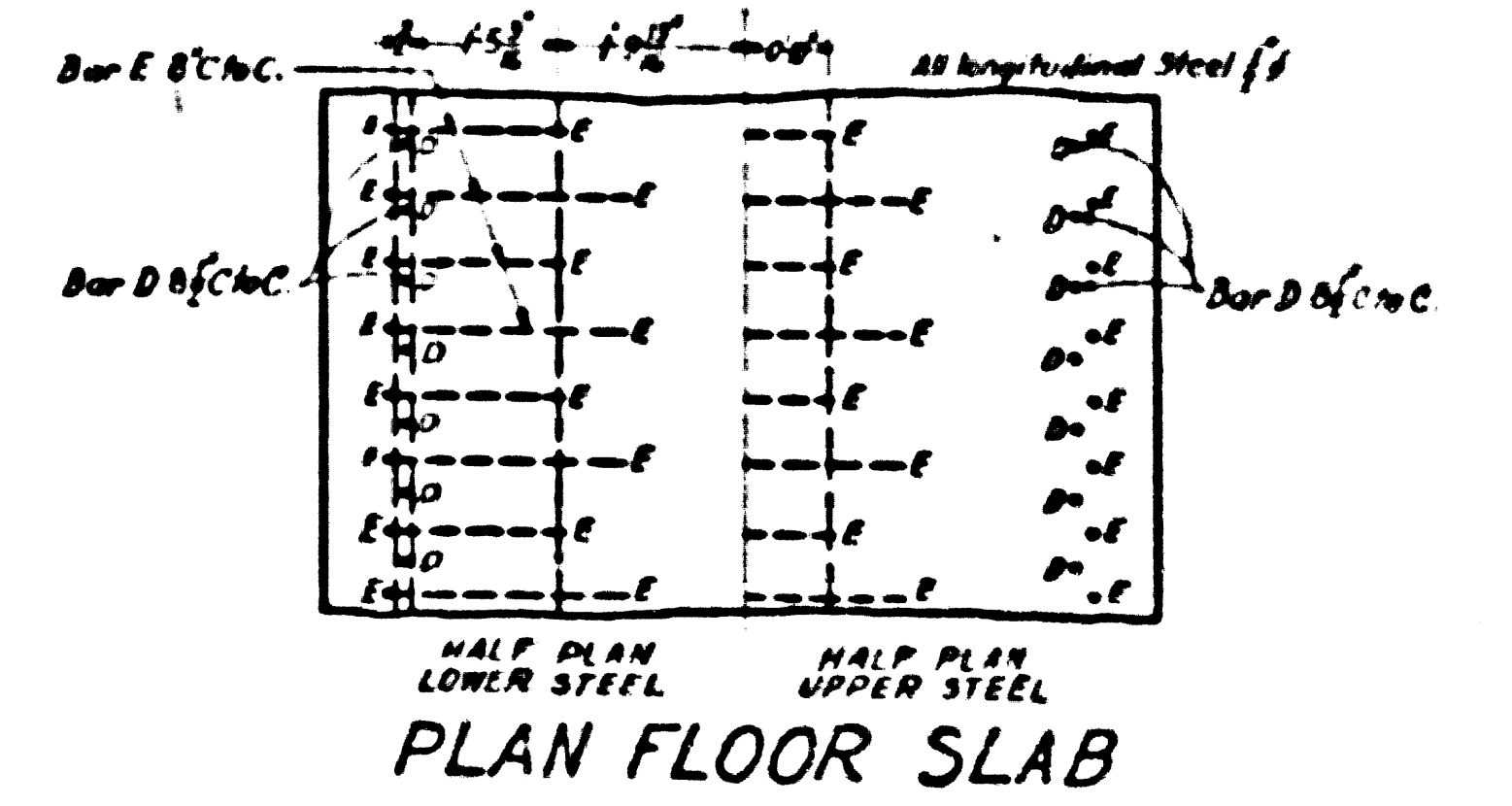
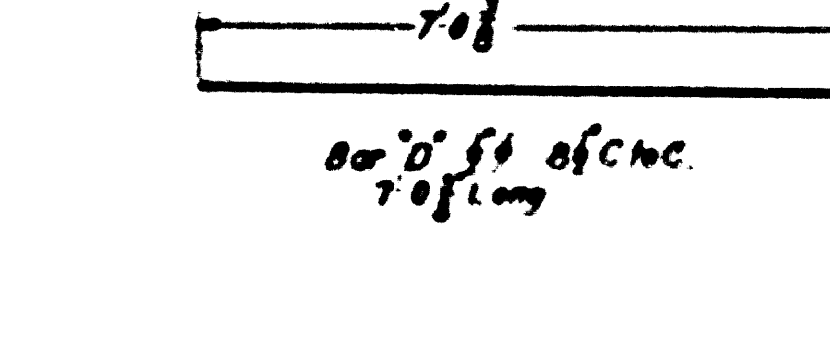
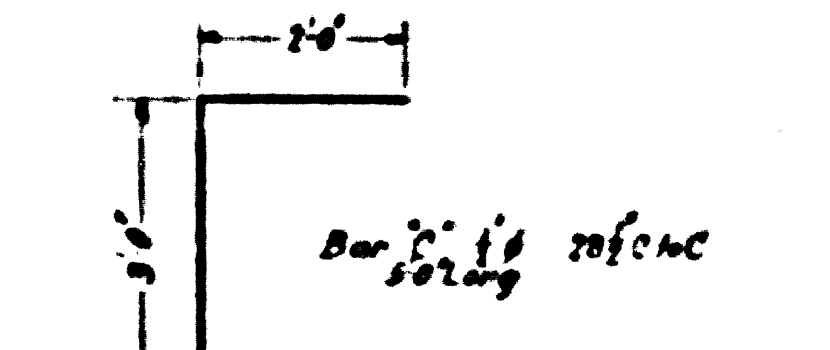
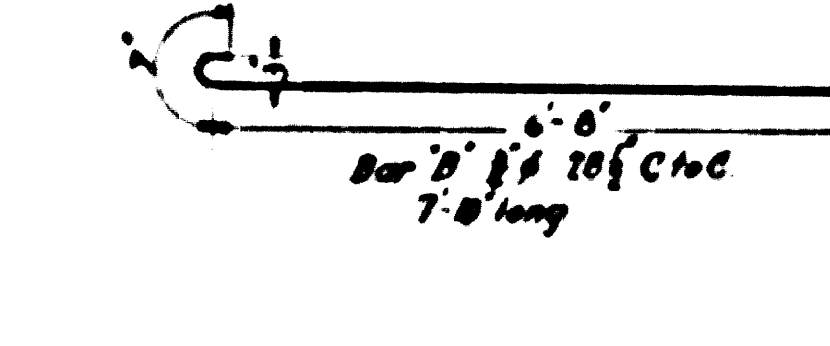
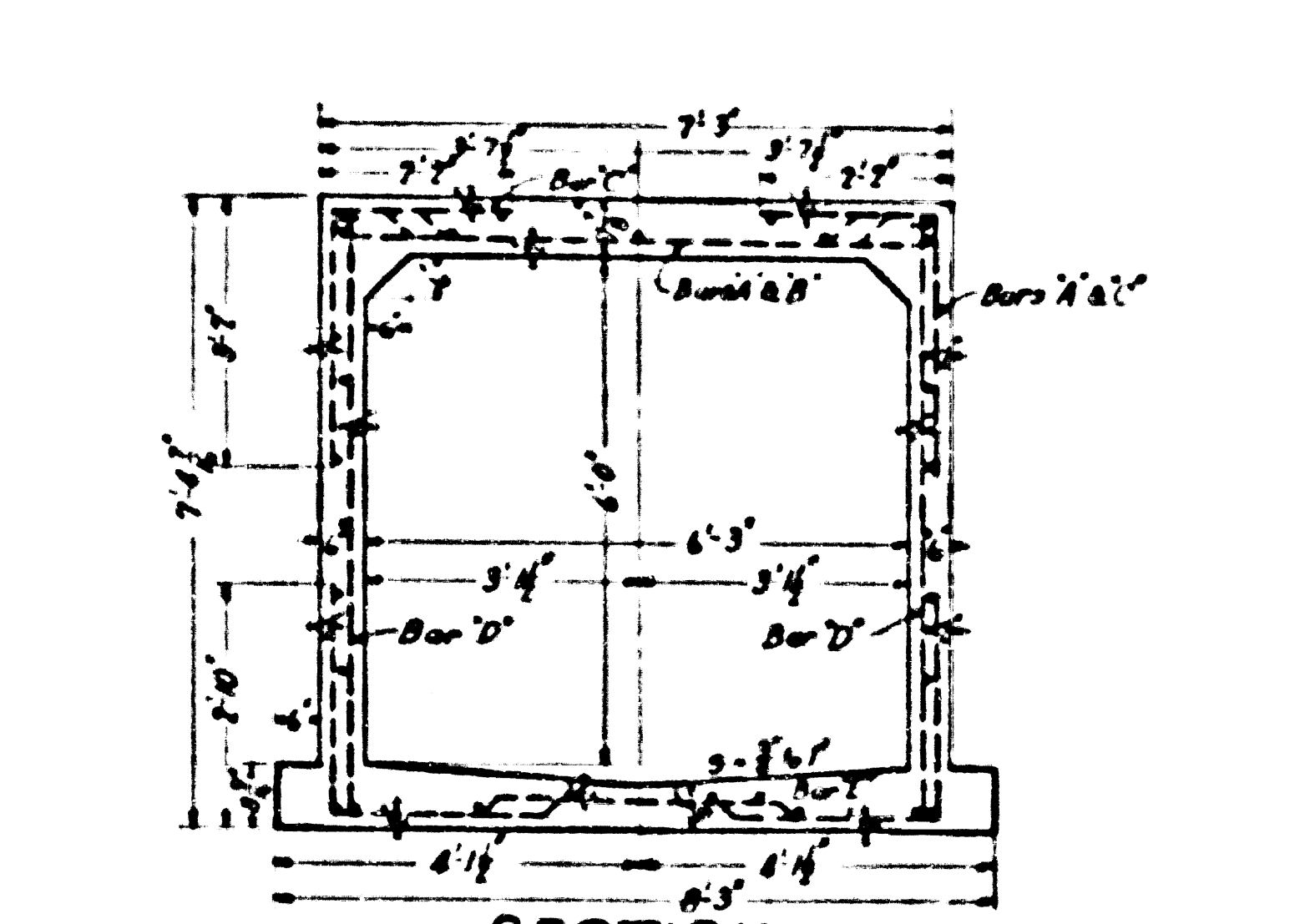
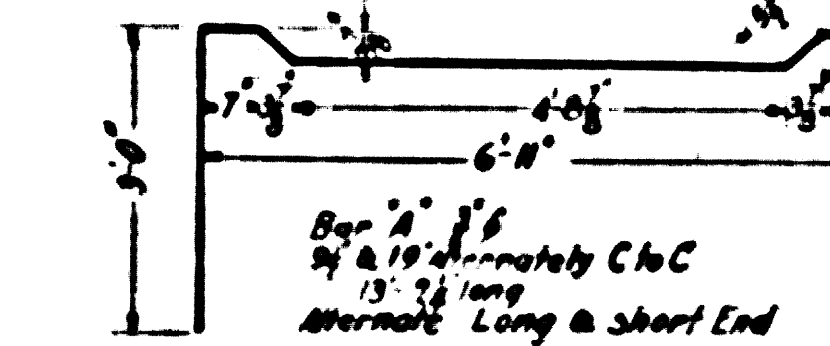
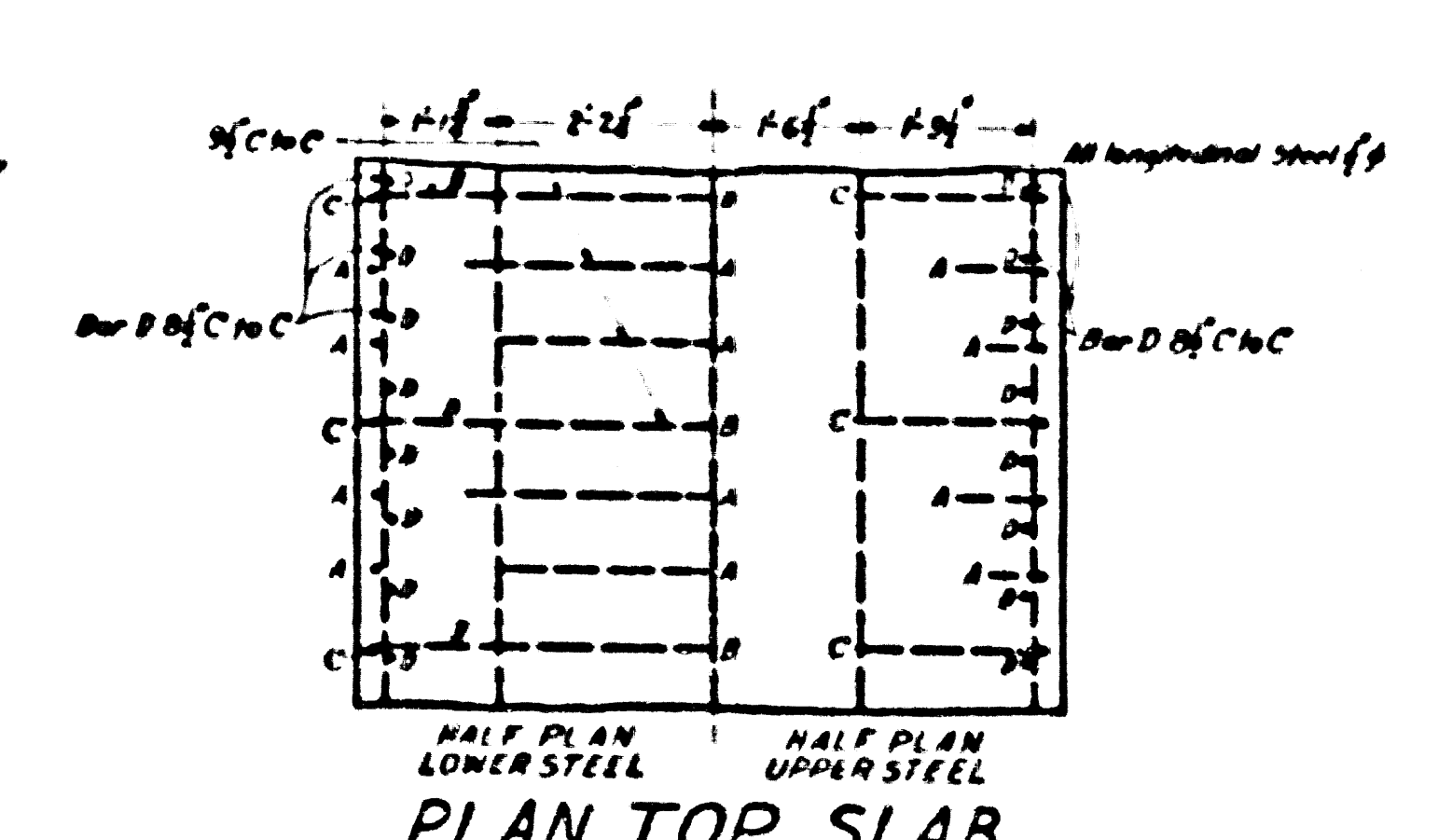
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 A5 OF A9



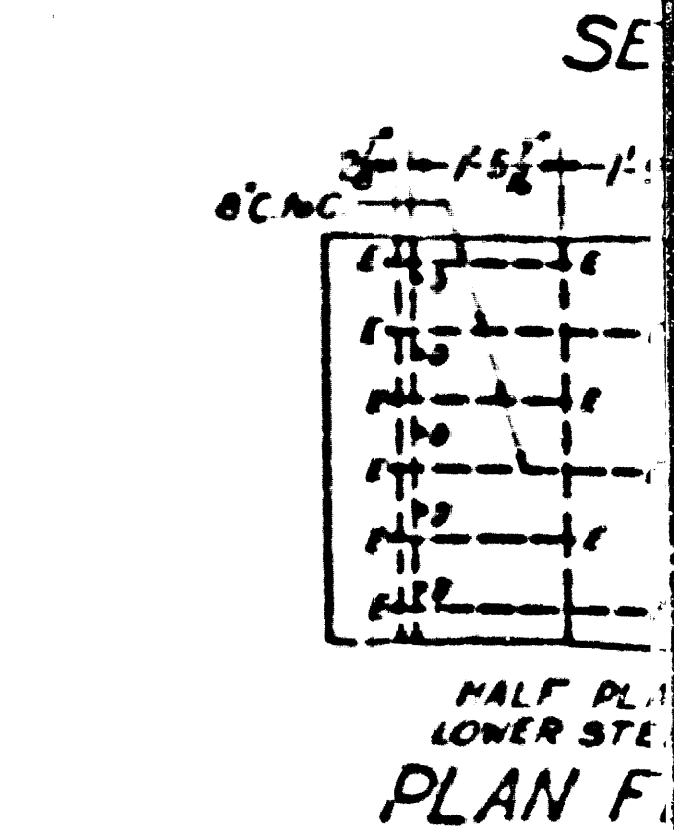
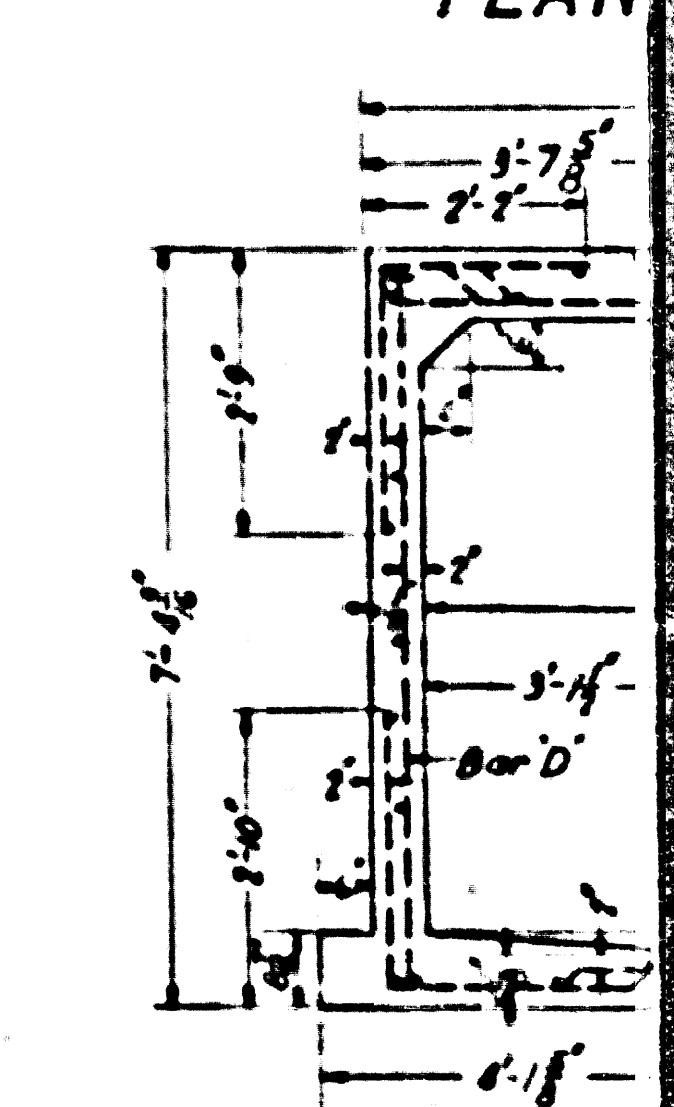
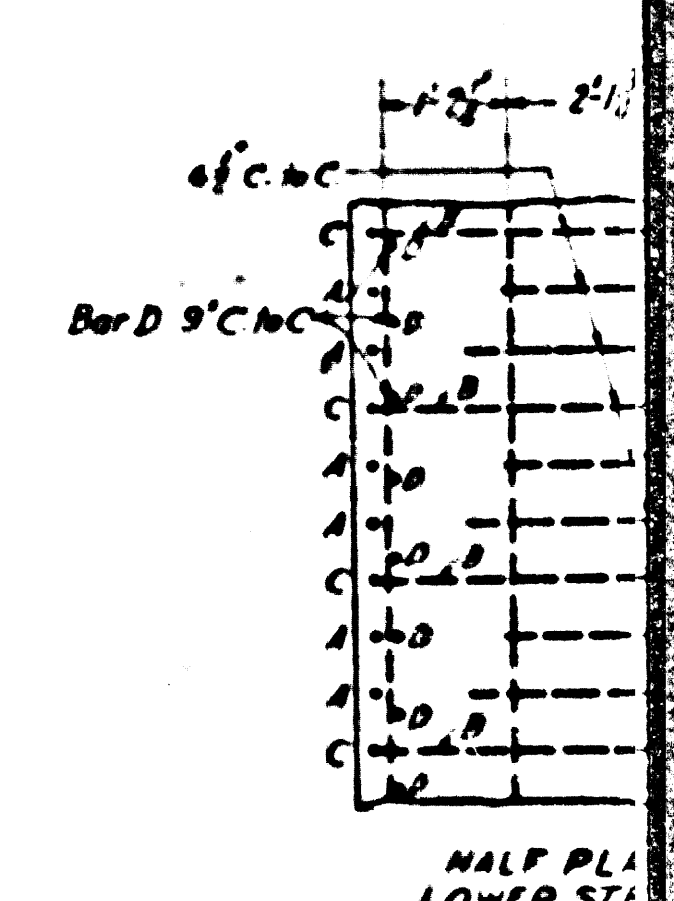
Longitudinal Steel 27 Bars #4



Longitudinal Steel 27 Bars #4



Longitudinal Steel 27 Bars #4



Section VII from Stations 257+43.98 To 259+00 & 270+00 To 270+03.47 of Glen Ave. Trunk Sheet 3
 Total Length 653.49 Feet
 Class A1 Concrete: 0.5845 Cubic Yards per Foot
 Reinforcing Steel: 73.2364 Pounds per Foot (on Tangent)
 Top Slab: Cover 3"; Total Load 1178.49 Lbs. per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-0" x 6'-0"
SECTION VII
 FROM STATION 257+43.98 TO 259+00 & 270+00 TO 270+03.47
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"

Section VIII from Station 259+00 To Station 270+00 of Glen Ave. Trunk Sheet 3
 Total Length 100.00 Feet
 Class A1 Concrete: 0.5934 Cubic Yards per Foot
 Reinforcing Steel: 75.5016 Pounds per Foot (on Tangent)
 Top Slab: Cover 4"; Total Load 1201.5 Lbs. per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-0" x 6'-0"
SECTION VIII
 FROM STATION 259+00 TO STATION 270+00
 ON GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"

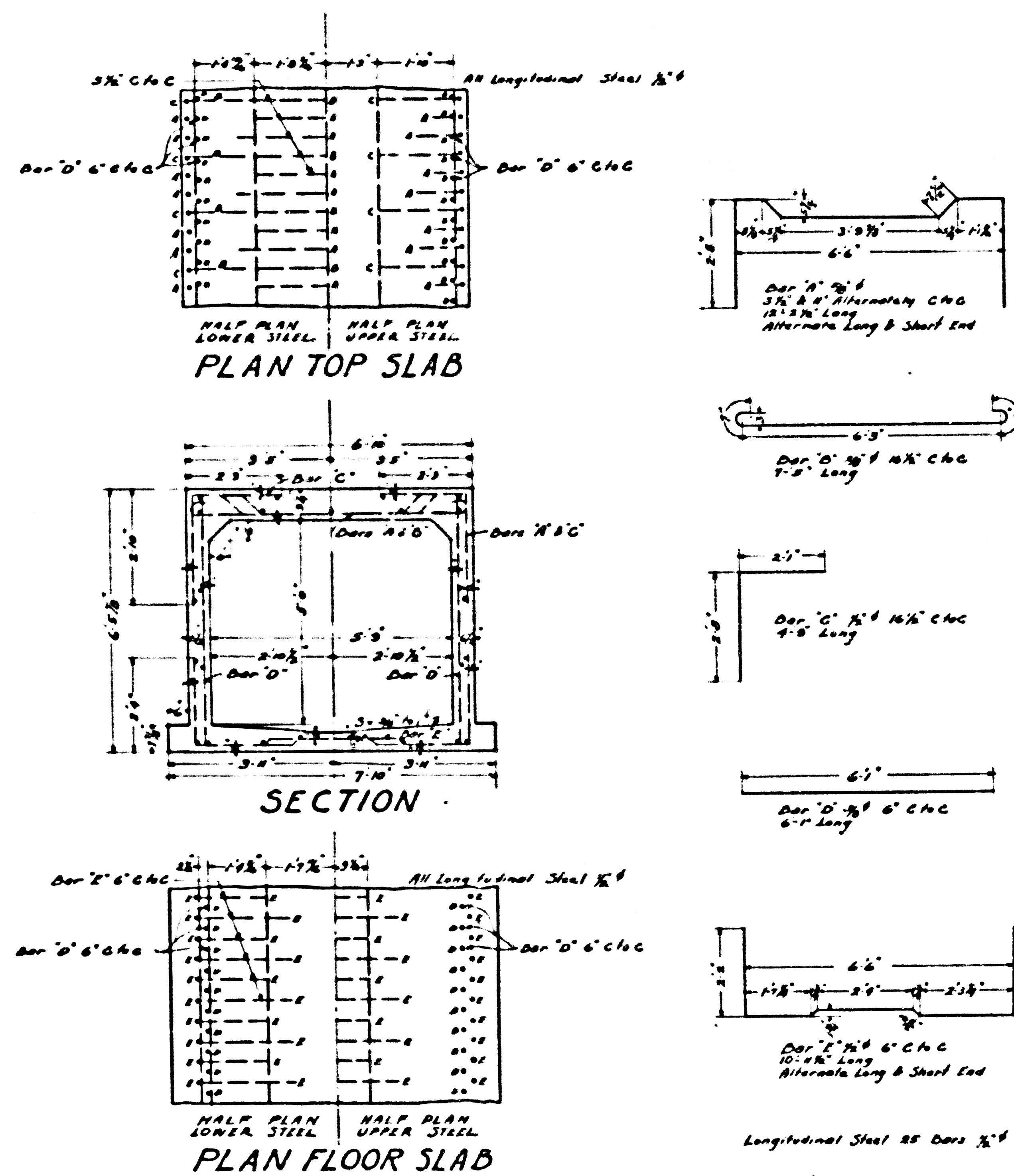
Section IX from Station 223+00 To Station 257+34.56 of Glen Ave. Trunk Sheet 3
 Total Length 334.56 Feet
 Class A1 Concrete: 0.6034 Cubic Yards per Foot
 Reinforcing Steel: 73.0791 Pounds per Foot (on Tangent)
 Top Slab: Cover 4"; Total Load 1088.48 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-0" x 6'-3"
SECTION IX
 FROM STATION 223+00 TO STATION 257+34.56
 ON GLEN AVE., TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"

Section X from Station 270+03.47 To 270+03.47 of Glen Ave. Trunk Sheet 3
 Total Length 0.00 Feet
 Class A1 Concrete: 0.6115 Cubic Yards per Foot
 Reinforcing Steel: 76.00 Pounds per Foot (on Tangent)
 Top Slab: Cover 3"; Total Load 1178.49 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines

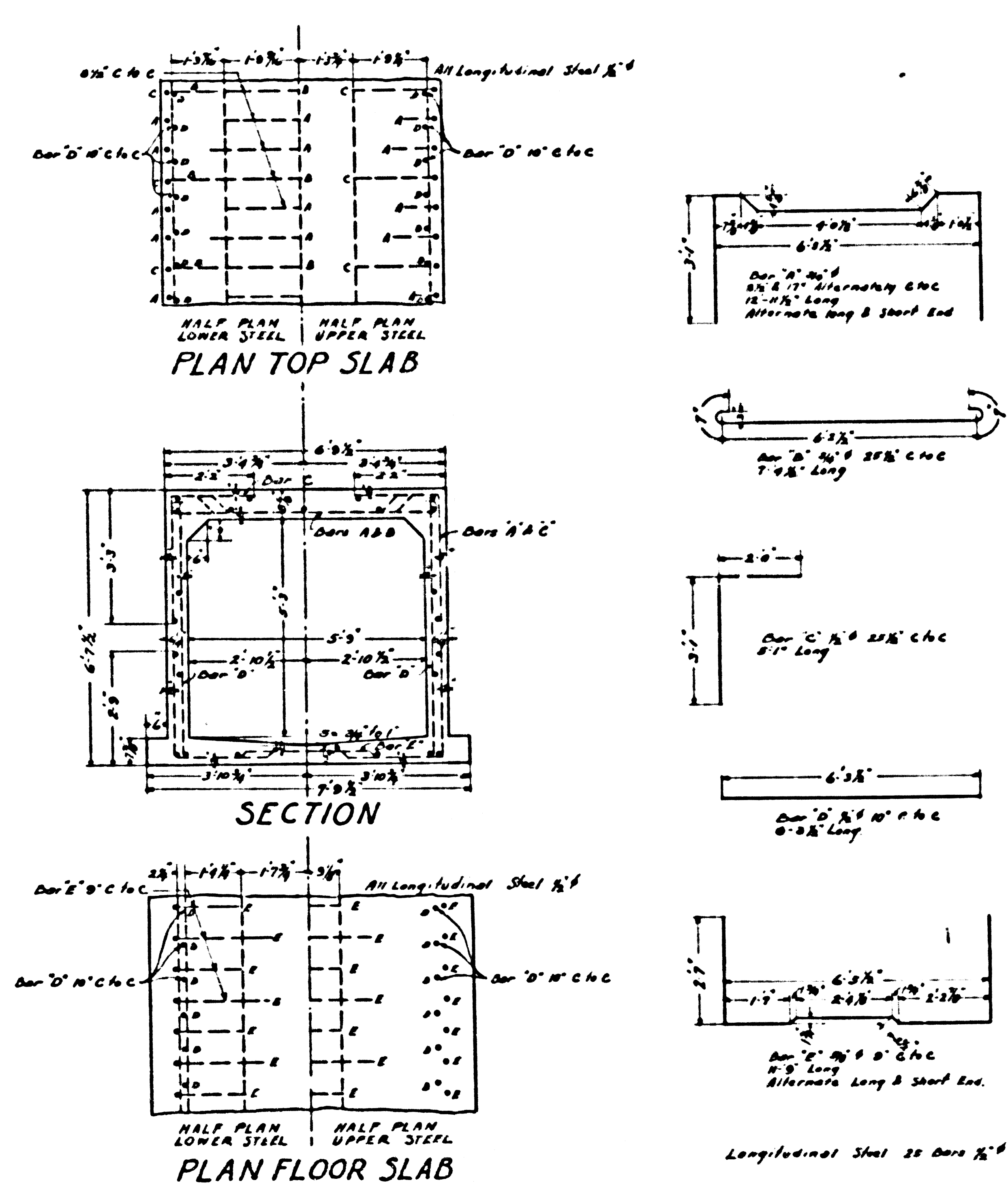
REINFORCED CONCRETE
BOX 6'-0" x 6'-0"
SECTION X
 FROM STATION 270+03.47 TO 270+03.47
 ON GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"

CSB-1171-19
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Section V from Station 276146.20 to Station 280+00 of Glen Ave Trunk, Sheet 3
 Total Length 352.50 Feet
 Class A1 Concrete: 0.5165 Cubic Yards per Foot
 Reinforcing Steel: 70.3887 Pounds per Foot (on tangent)
 Top Slab Cover: 1-1/2"; Total Load: 1930.63 lbs per Sq Ft
 Dimensions to Reinforcing Steel refer to Center Lines

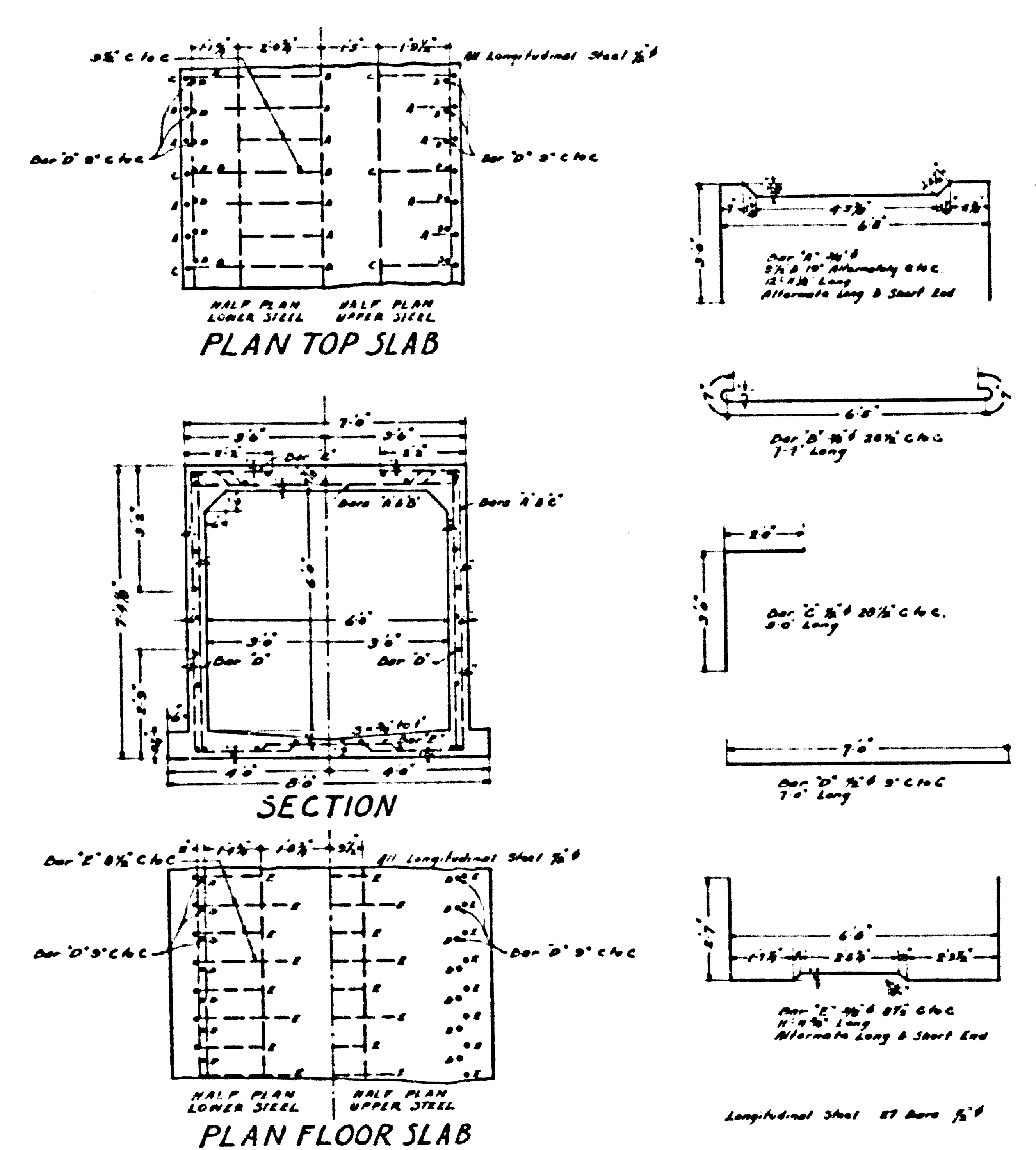
REINFORCED CONCRETE
BOX 5'0"x5'9"
SECTION V
 FROM STATION 276137.50 TO STATION 280+00
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"



Section VI from Station 276112.87 to Station 276+22.50 of Glen Ave Trunk, Sheet 3
 Total Length 109.63 Feet
 Class A1 Concrete: 0.2632 Cubic Yards per Foot
 Reinforcing Steel: 70.9414 Pounds per Foot (on tangent)
 Top Slab Cover: 2"; Total Load: 1841 lbs per Sq Ft
 Dimensions to Reinforcing Steel refer to Center Lines

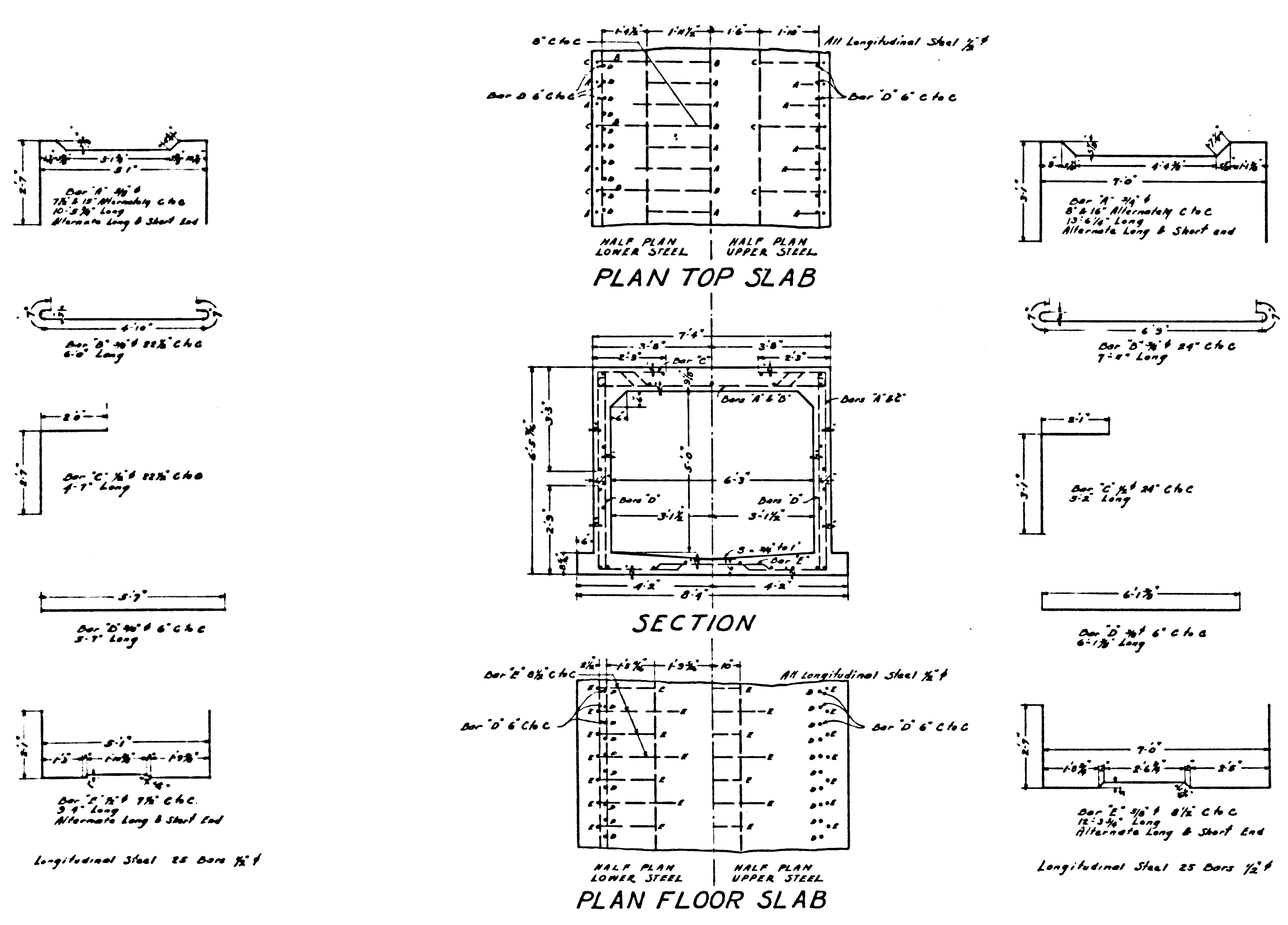
REINFORCED CONCRETE
BOX 5'3"x5'9"
SECTION VI
 FROM STATION 276112.87 TO STATION 276+22.50
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"

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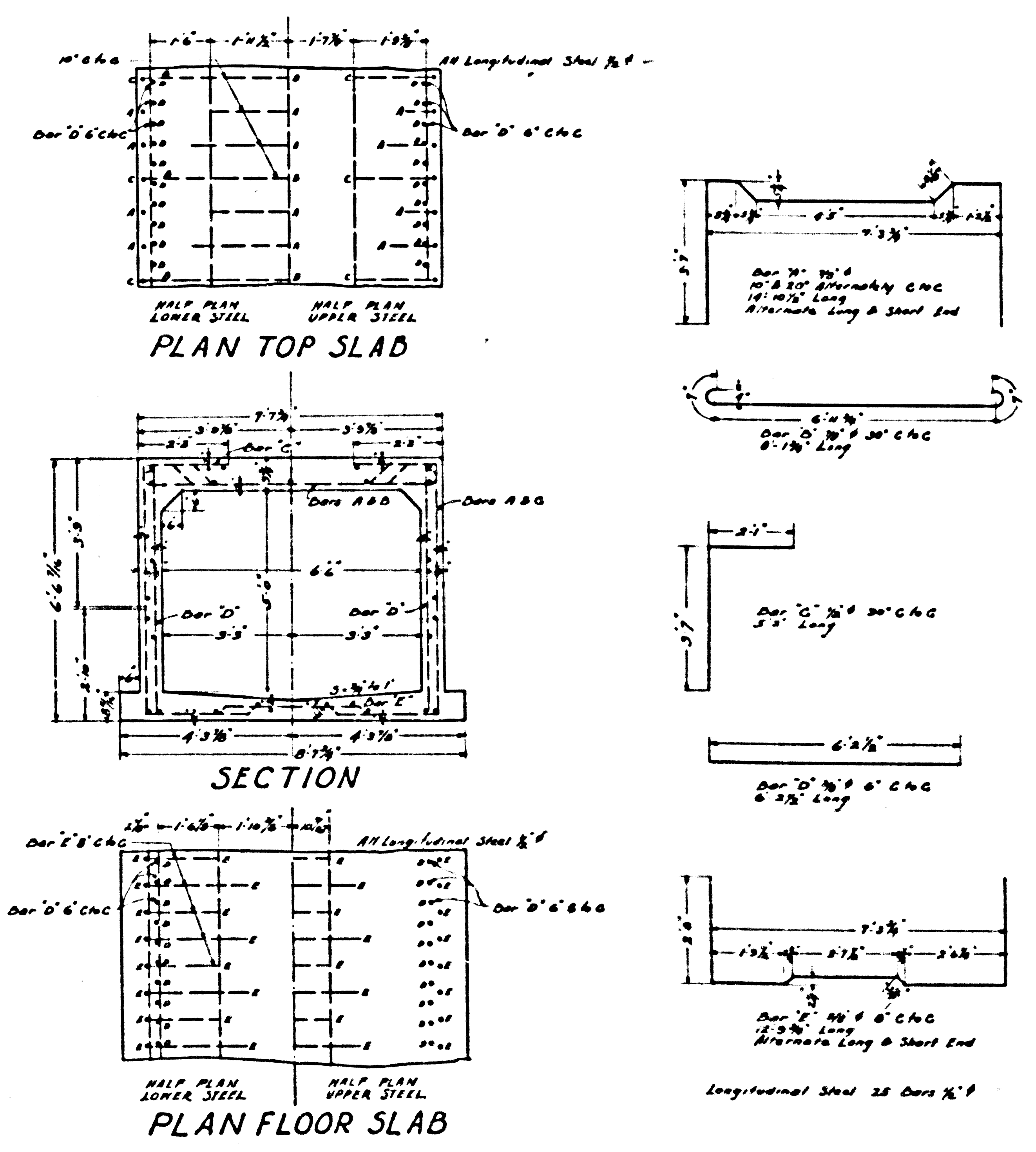
Section VII from Stations 257143.98 to 259+00 & 270+00 to 270+03.47 of Glen Ave Trunk, Sheet 3
 Total Length 659.43 Feet
 Class A1 Concrete: 0.5845 Cubic Yards per Foot
 Reinforcing Steel: 73.2364 Pounds per Foot (on tangent)
 Top Slab Cover: 3"; Total Load: 1178.49 lbs per Sq Ft
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'0"x6'0"
SECTION VII
 FROM STATION 257143.98 TO 259+00 & 270+00 TO 270+03.47
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2"=1'-0"



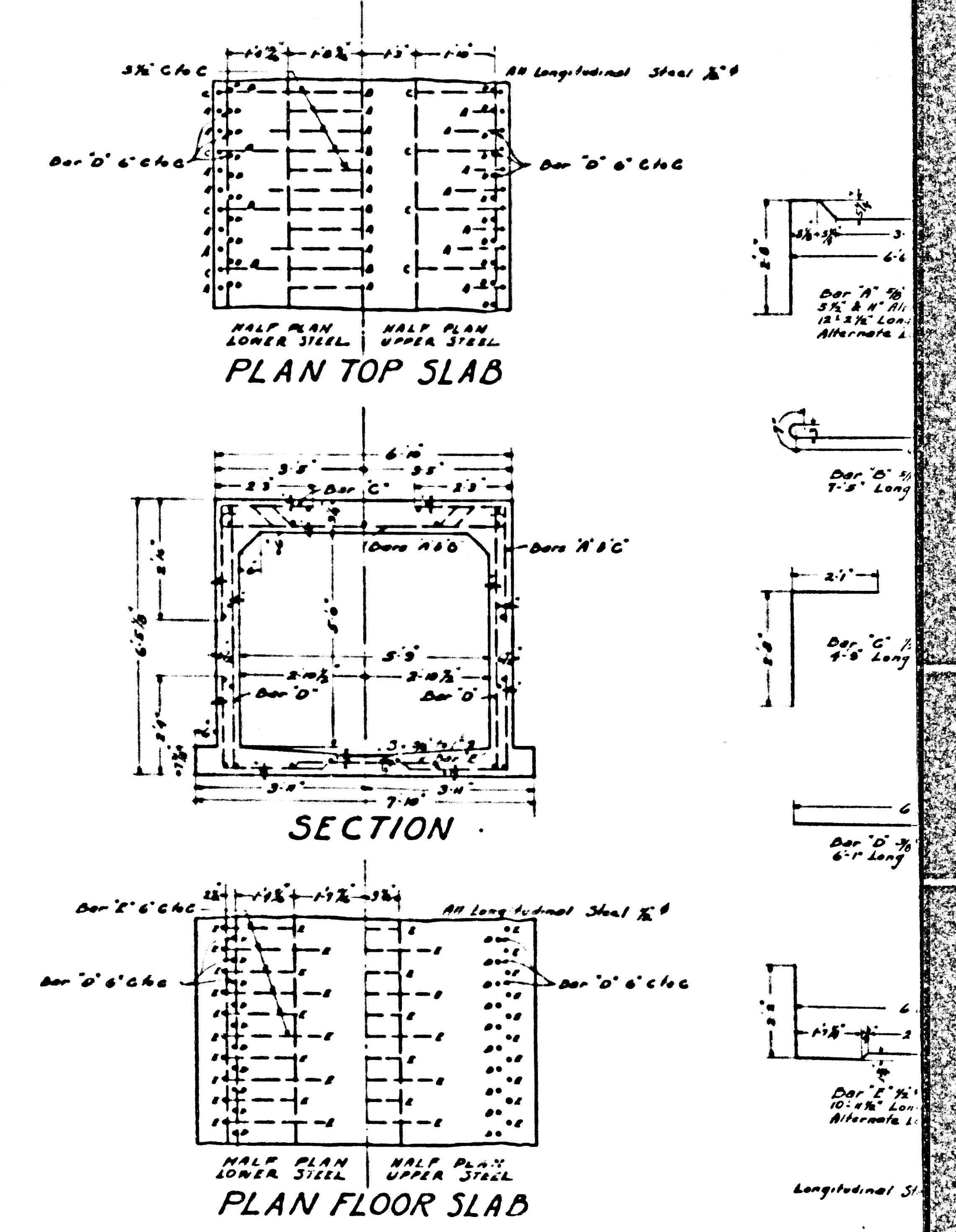
Section III from Station 292+28 to Station 302+78 of Glen Ave. Trunk, Sheet 3
 Total Length 1050.00 Feet
 Class #1 Concrete: 0.6079 Cubic Yards per Foot
 Reinforcing Steel: 74.8012 Pounds per Foot (on tangent)
 Top Slab: Cover 2"; Total Load 1579.07 Lbs per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 5'-0" x 6'-3"
SECTION III
 FROM STATION 292+28 TO STATION 302+78
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'-0"



Section IV from Station 280+10 to Station 292+18 of Glen Ave. Trunk, Sheet 3
 Total Length 1208.00 Feet
 Class #1 Concrete: 0.6589 Cubic Yards per Foot
 Reinforcing Steel: 81.2489 Pounds per Foot (on tangent)
 Top Slab: Cover 1-6"; Total Load 1741.80 Lbs per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 5'-0" x 6'-6"
SECTION IV
 FROM STATION 280+10 TO STATION 292+18
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'-0"

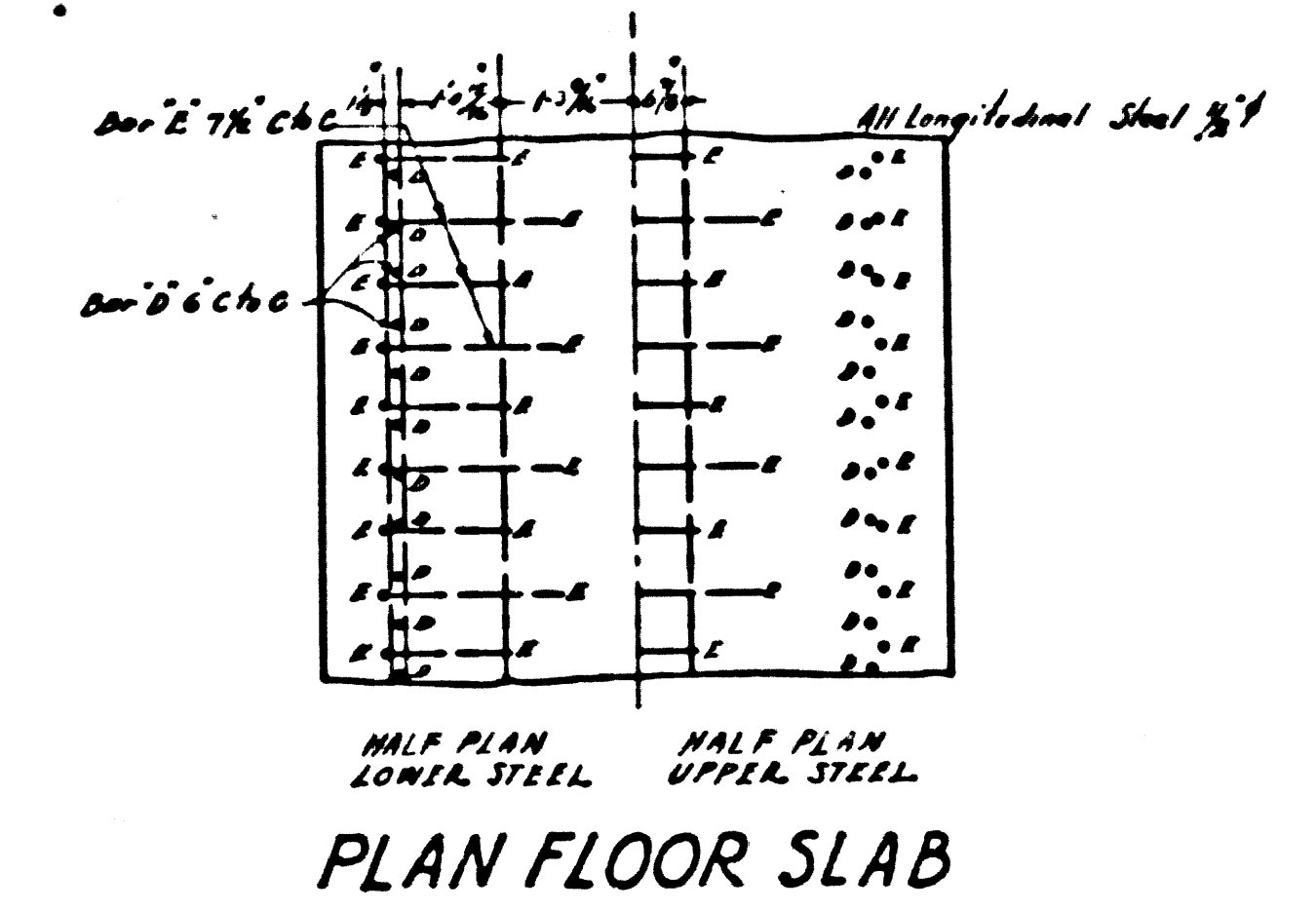
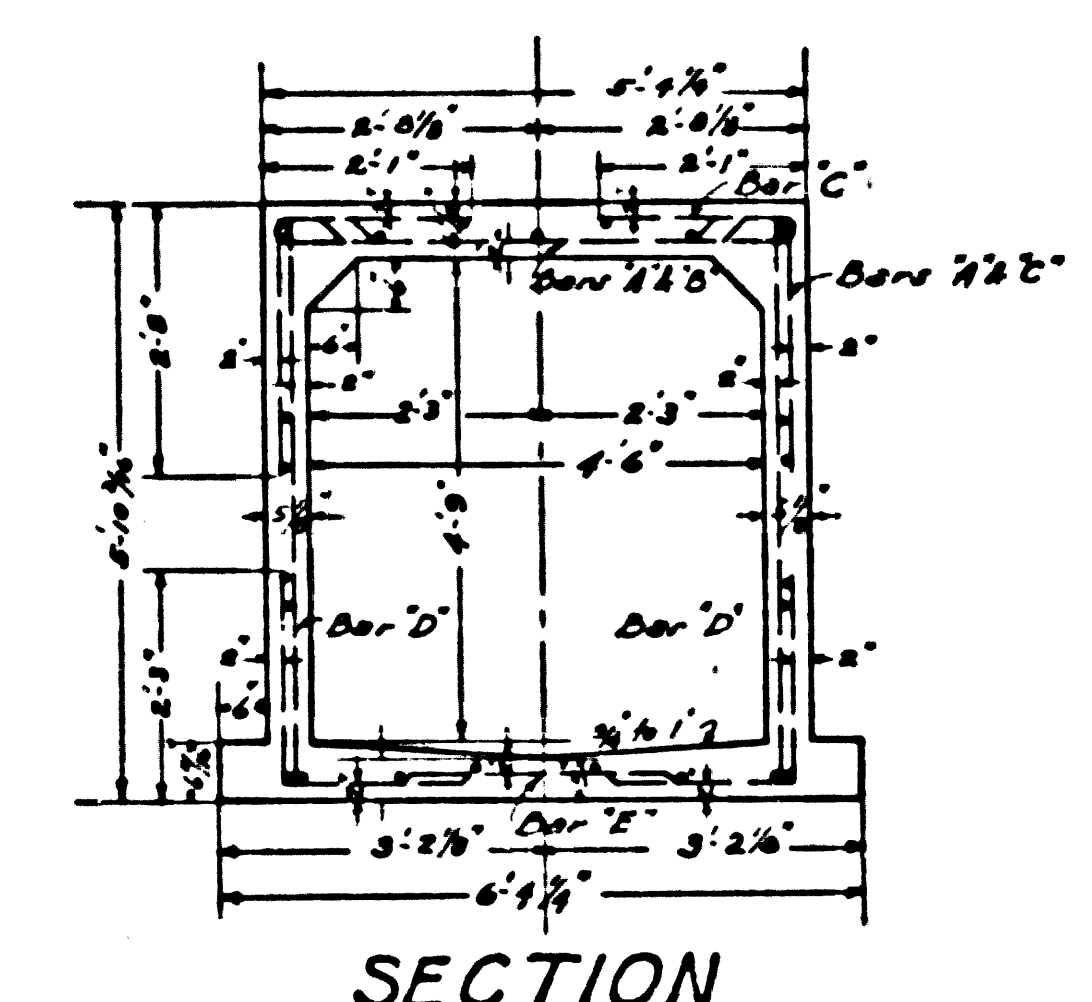
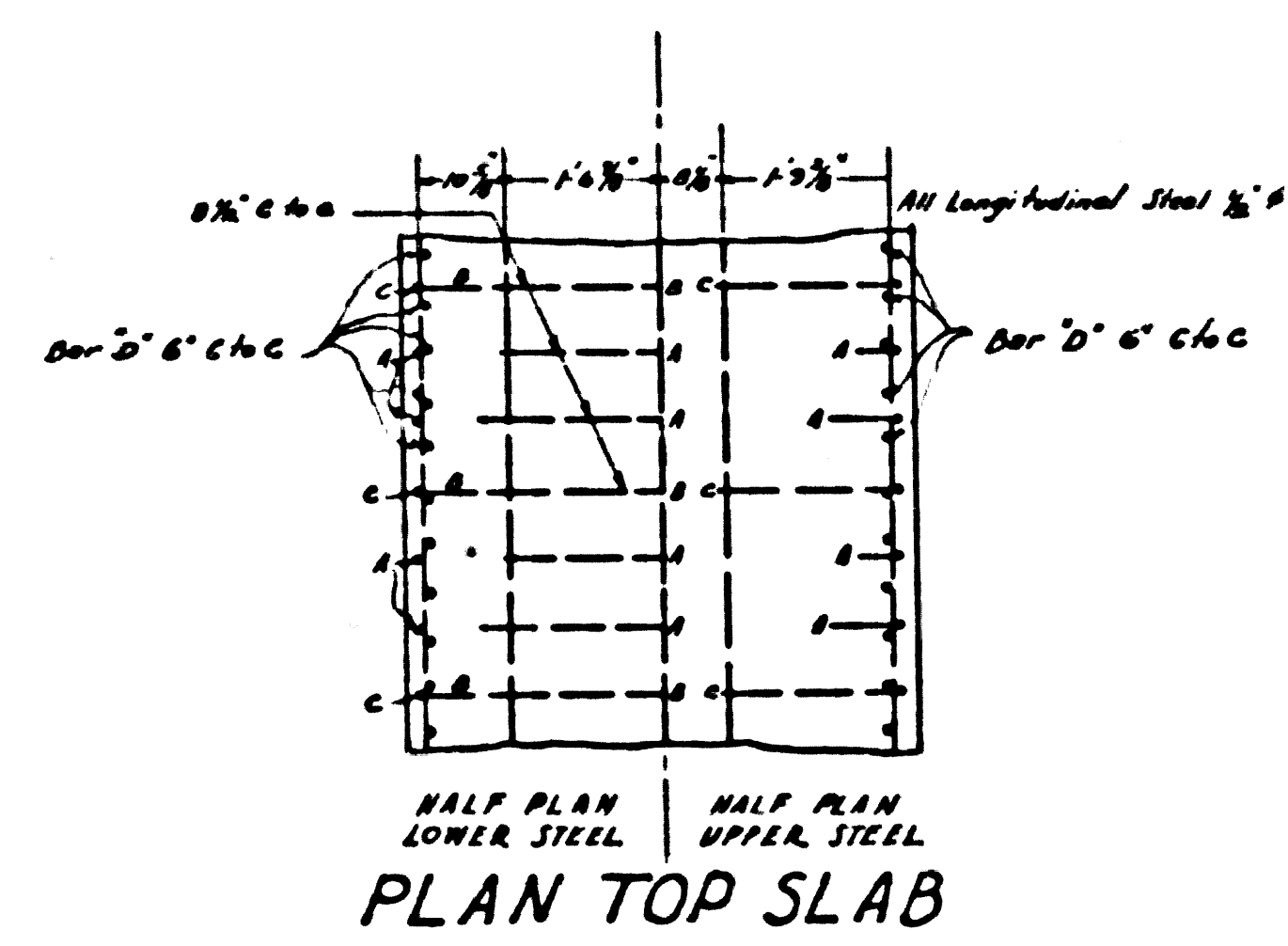


Section V from Station 276+46.20 to Station 280+00 of Glen Ave. Trunk, Sheet 3
 Total Length: 333.80 Feet
 Class #1 Concrete: 0.5765 Cubic Yards per Foot
 Reinforcing Steel: 70.3887 Pounds per Foot (on tangent)
 Top Slab: Cover 1-6"; Total Load 1930.43 Lbs per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 5'-0" x 5'-9"
SECTION V
 FROM STATION 276+46.20 TO STATION 280+00
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS #1
 SCALE 1/2" = 1'-0"

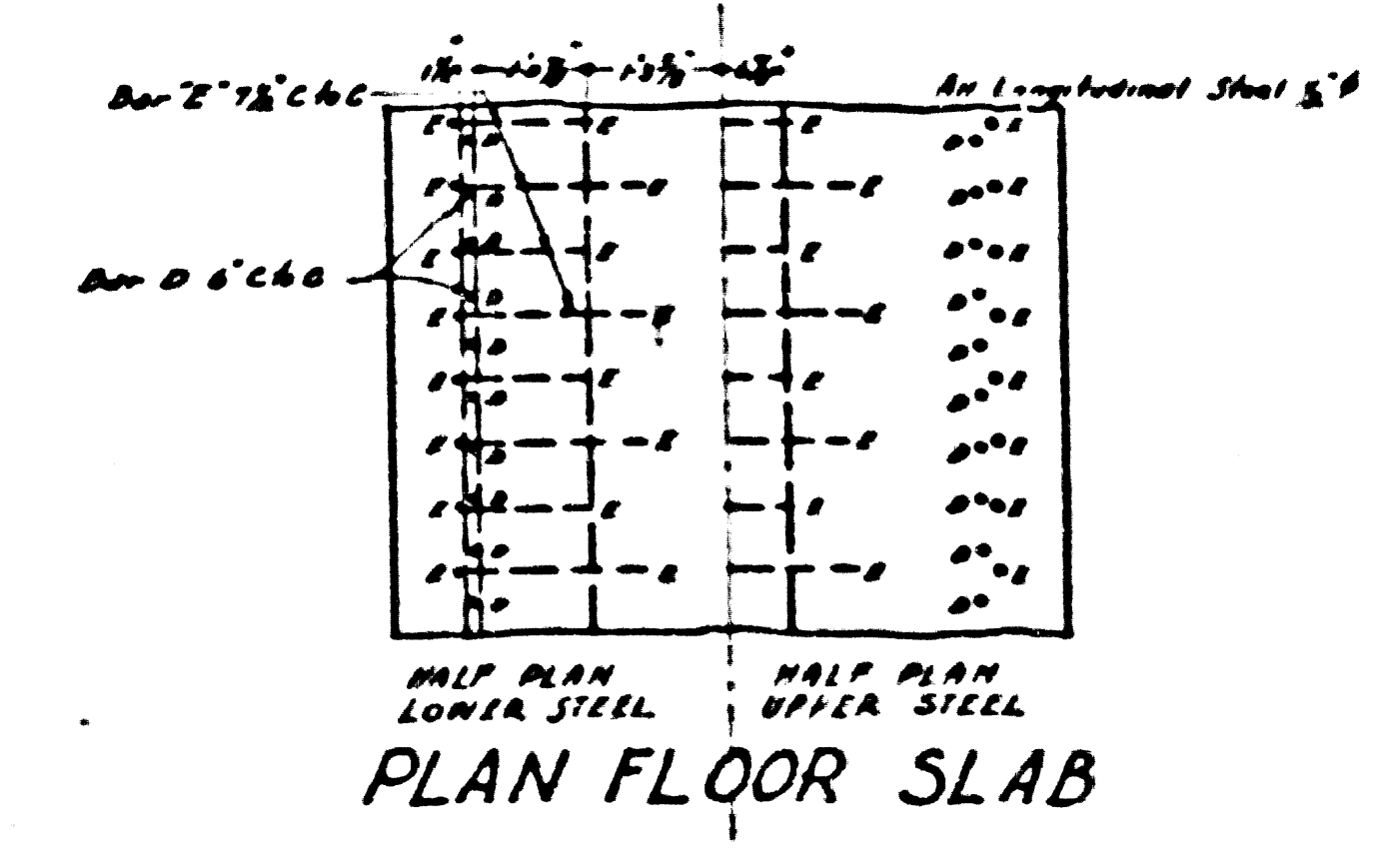
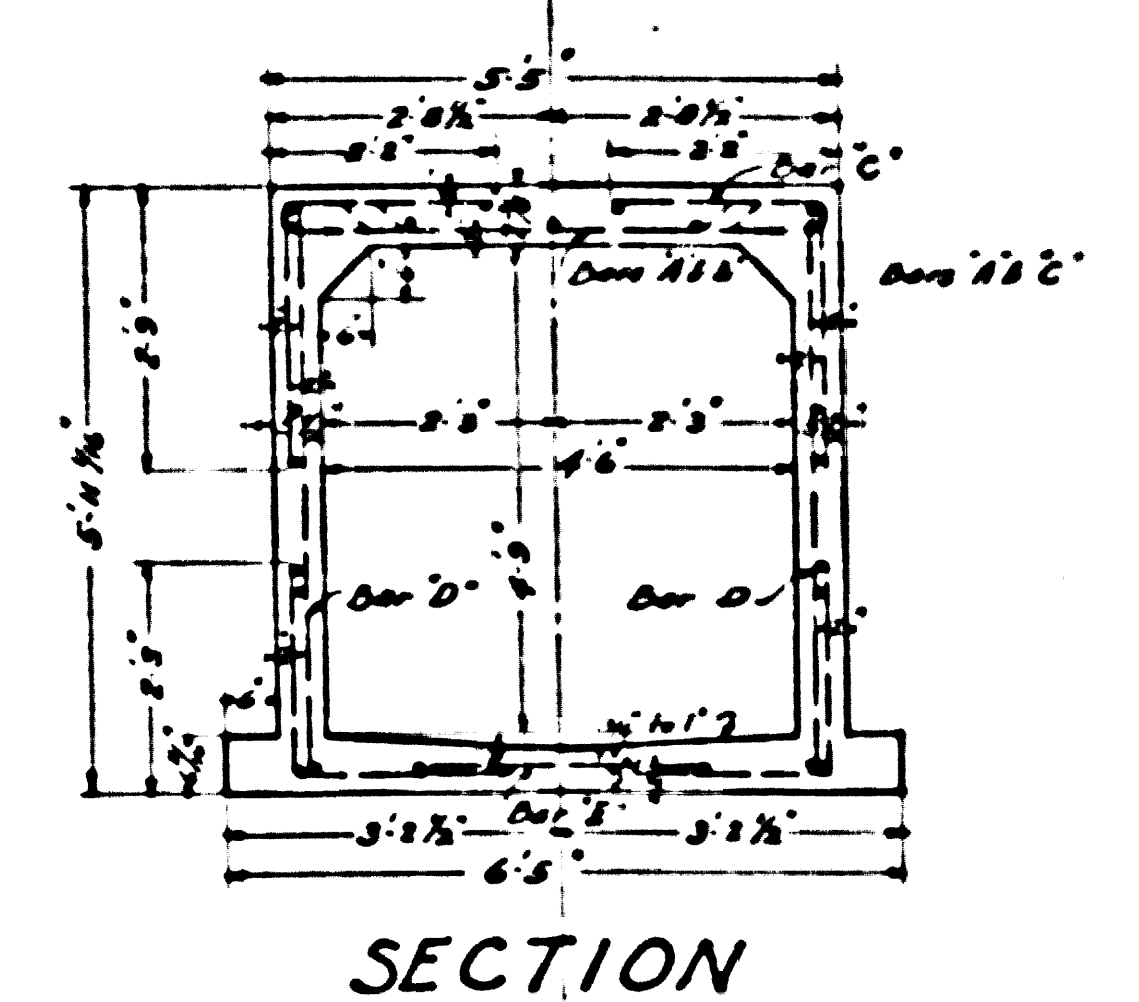
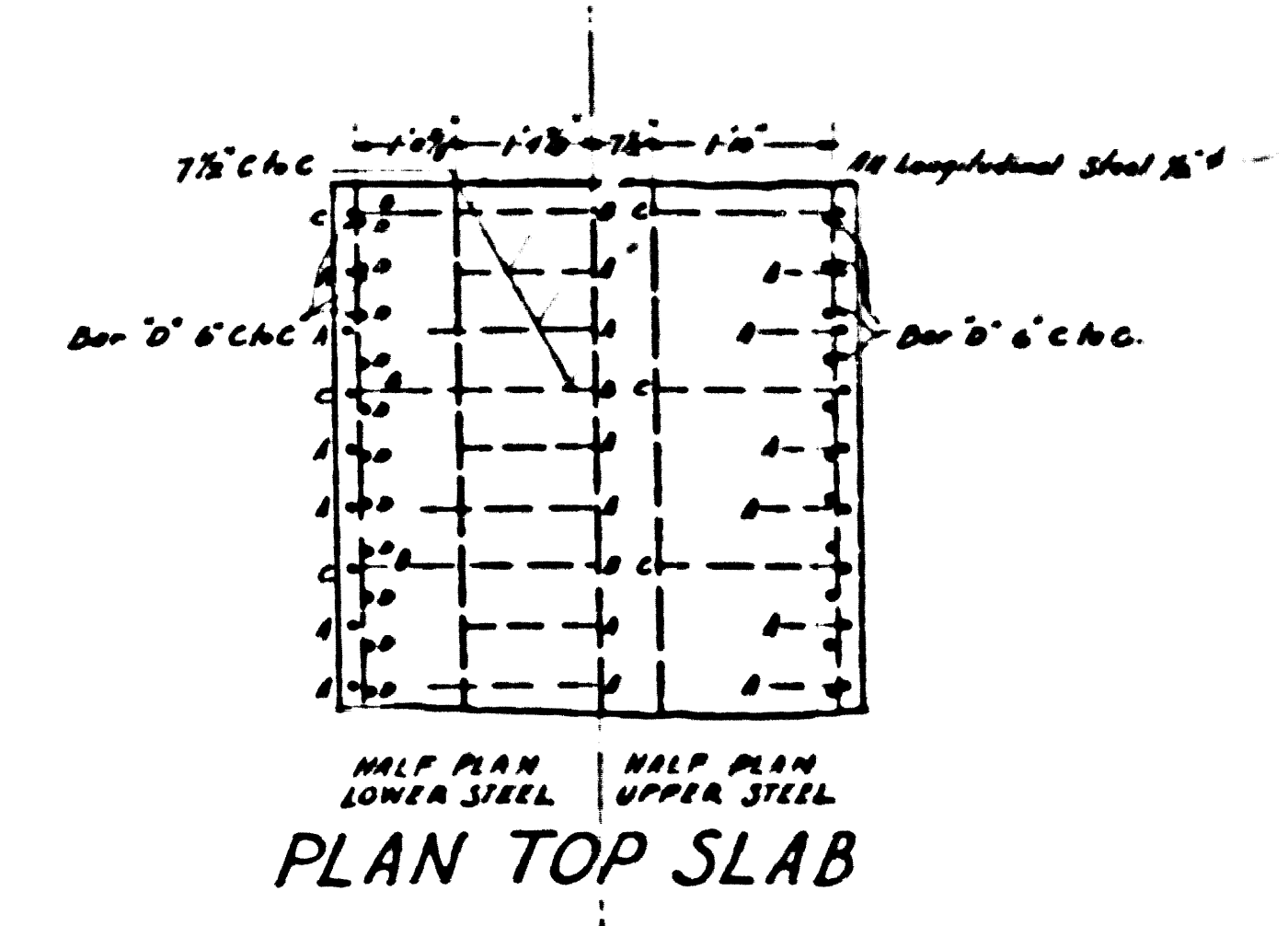
321+00
 Trunk, Sheets 2 & 3

CSB-1171-19
 A8 of A9



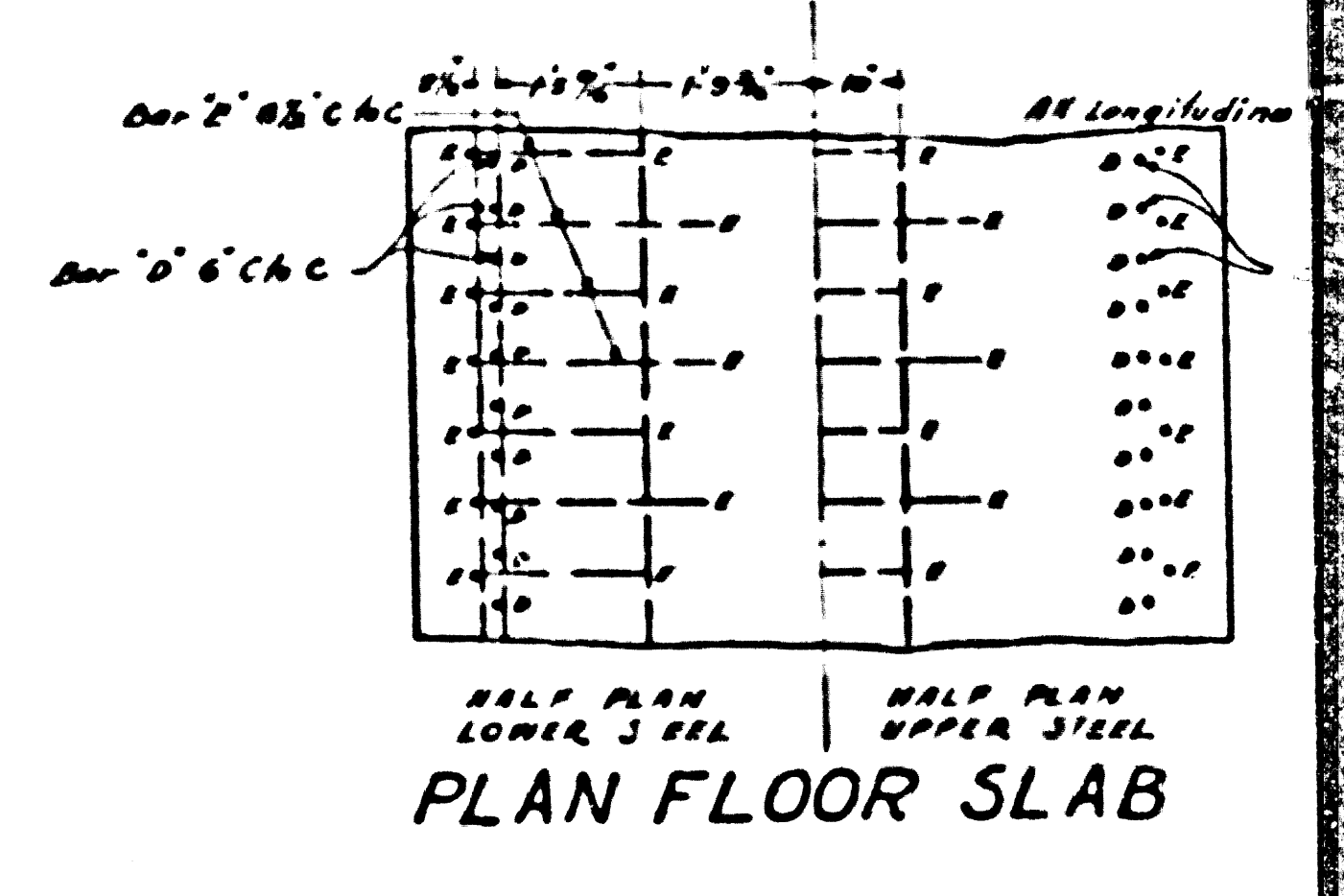
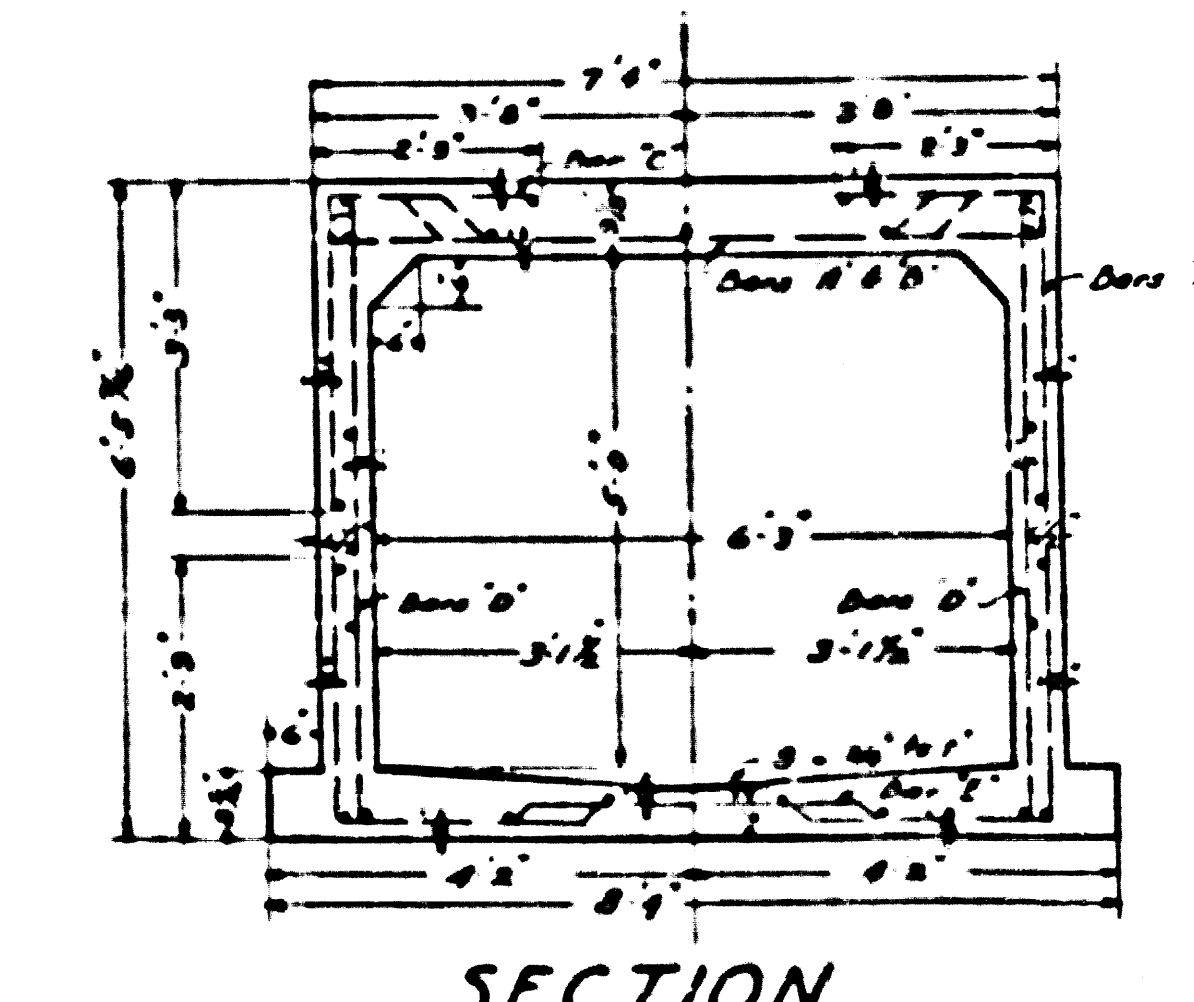
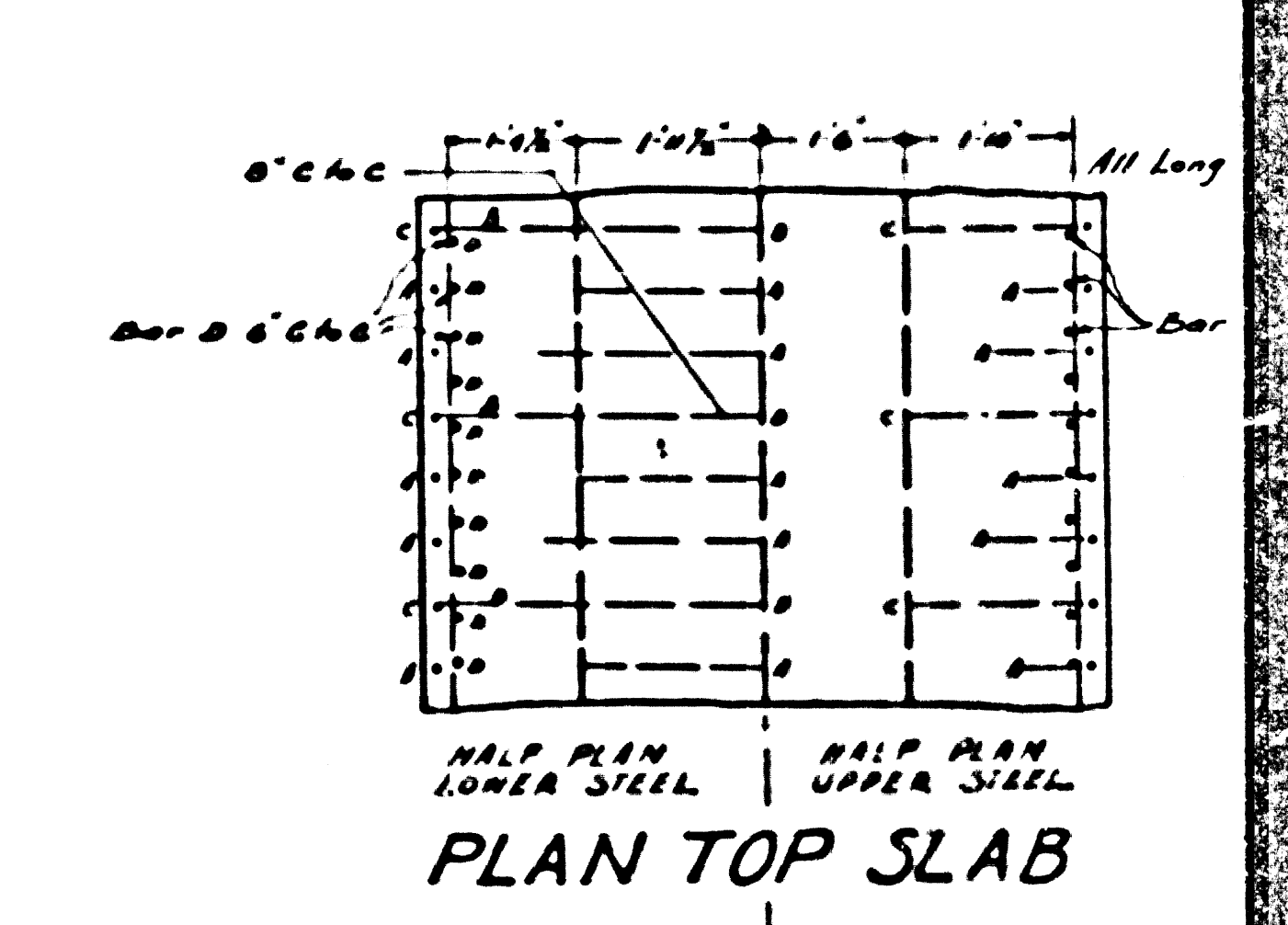
Section I from Station 303+90 to 316+00 and 321+00 to 333+93.94 of Glen Ave Trunk, Sheets 2 & 3
 Total Length 2602.94 Feet
 Class A1 Concrete: 0.3864 Cubic Yards per Foot
 Reinforcing Steel: 51,4903 Pounds per Foot (on tangent)
 Top Slab: Cover 3"; Total Load 1256.25 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
 BOX 4'-9" x 4'-6"
 SECTION I
 FROM STATION 303+90 TO 316+00 & 321+00 TO 333+93.94
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2" = 1'-0"



Section II from Station 316+00 to Station 321+00 of Glen Ave Trunk, Sheets 2 & 3
 Total Length 500.00 Feet
 Class A1 Concrete: 0.4148 Cubic Yards per Foot
 Reinforcing Steel: 54,2062 Pounds per Foot (on tangent)
 Top Slab: Cover 3"; Total Load 1752.19 Lbs. per Sq. Ft.
 Dimensions to Reinforcing Steel refer to Center Lines.

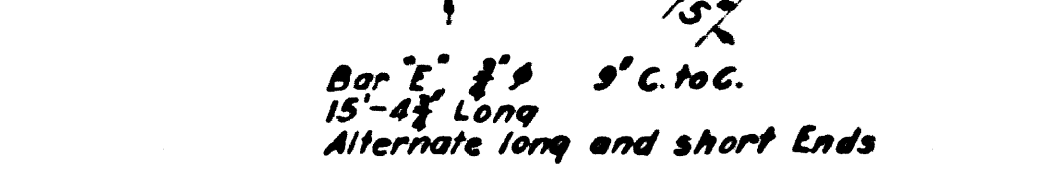
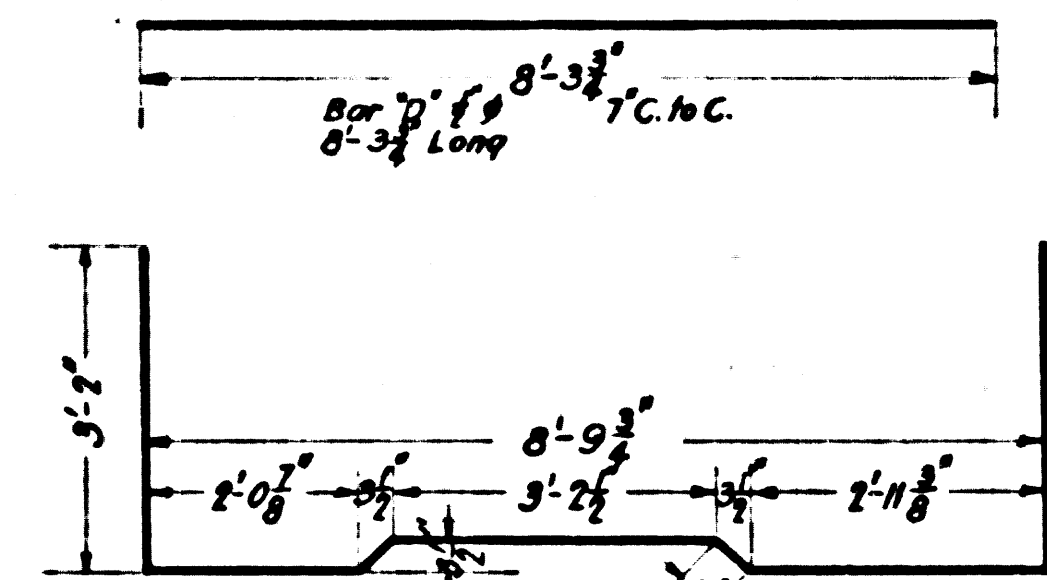
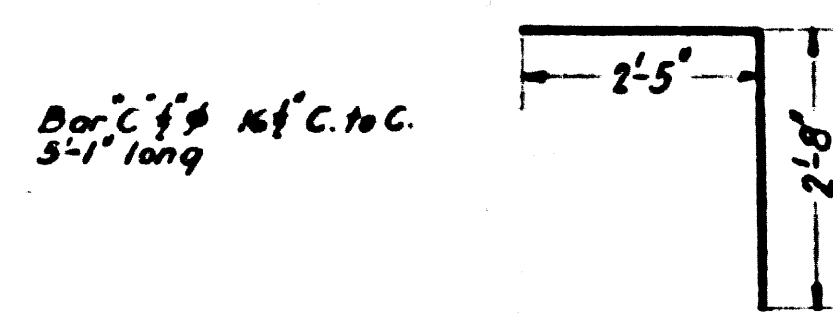
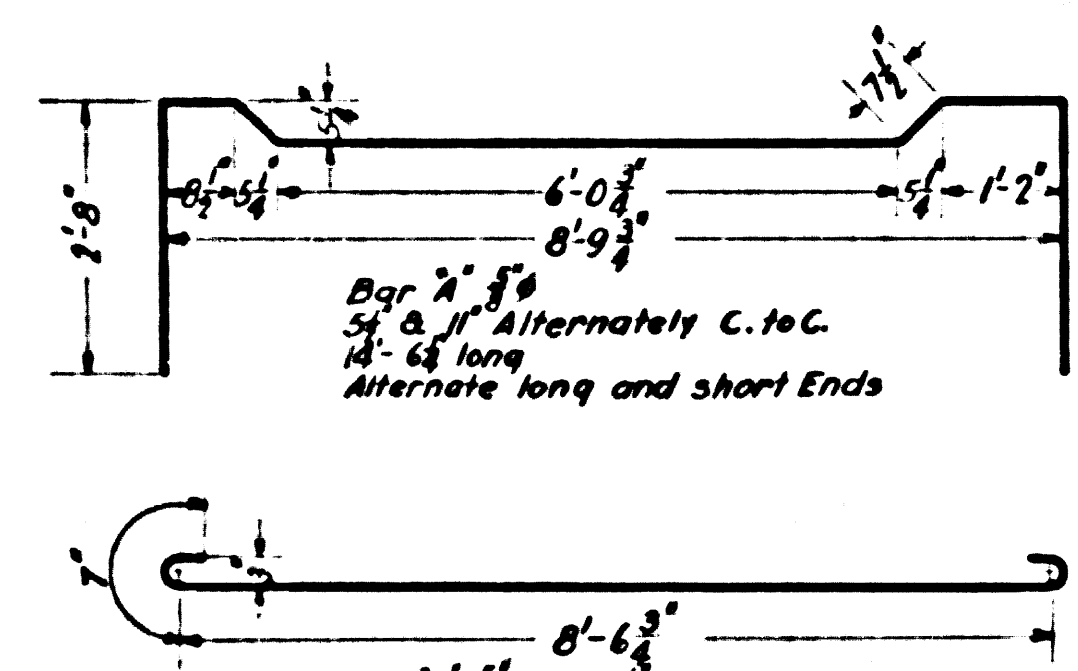
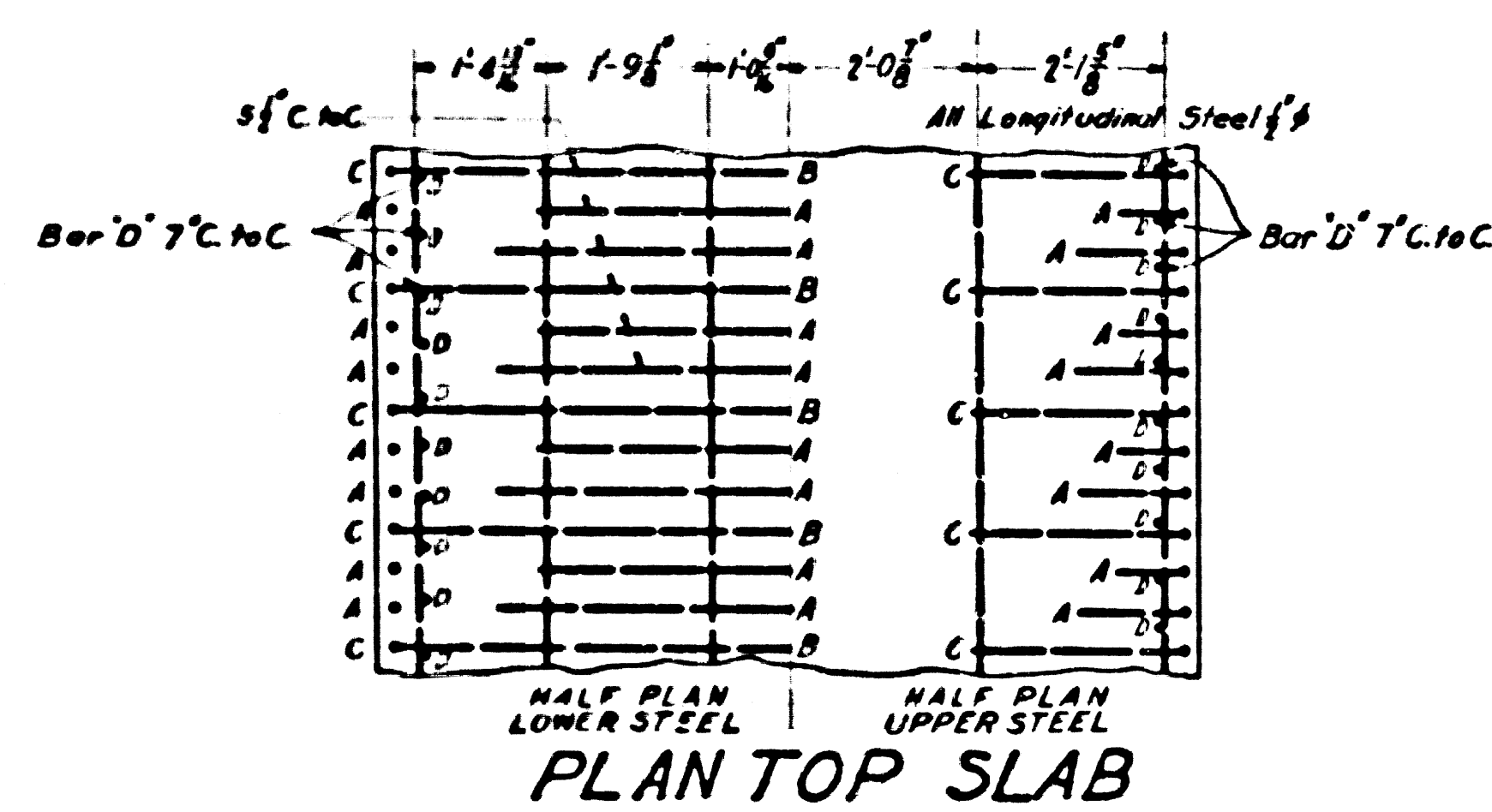
REINFORCED CONCRETE
 BOX 4'-9" x 4'-6"
 SECTION II
 FROM STATION 316+00 TO STATION 321+00
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2" = 1'-0"



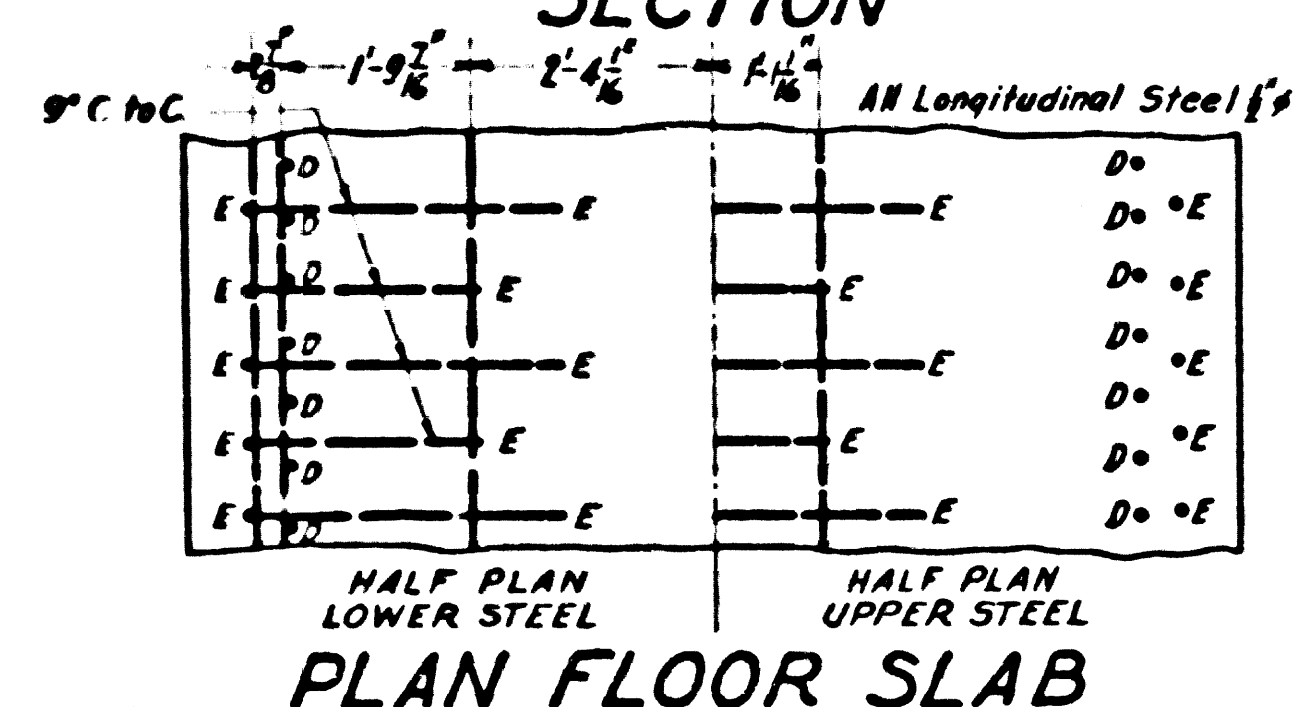
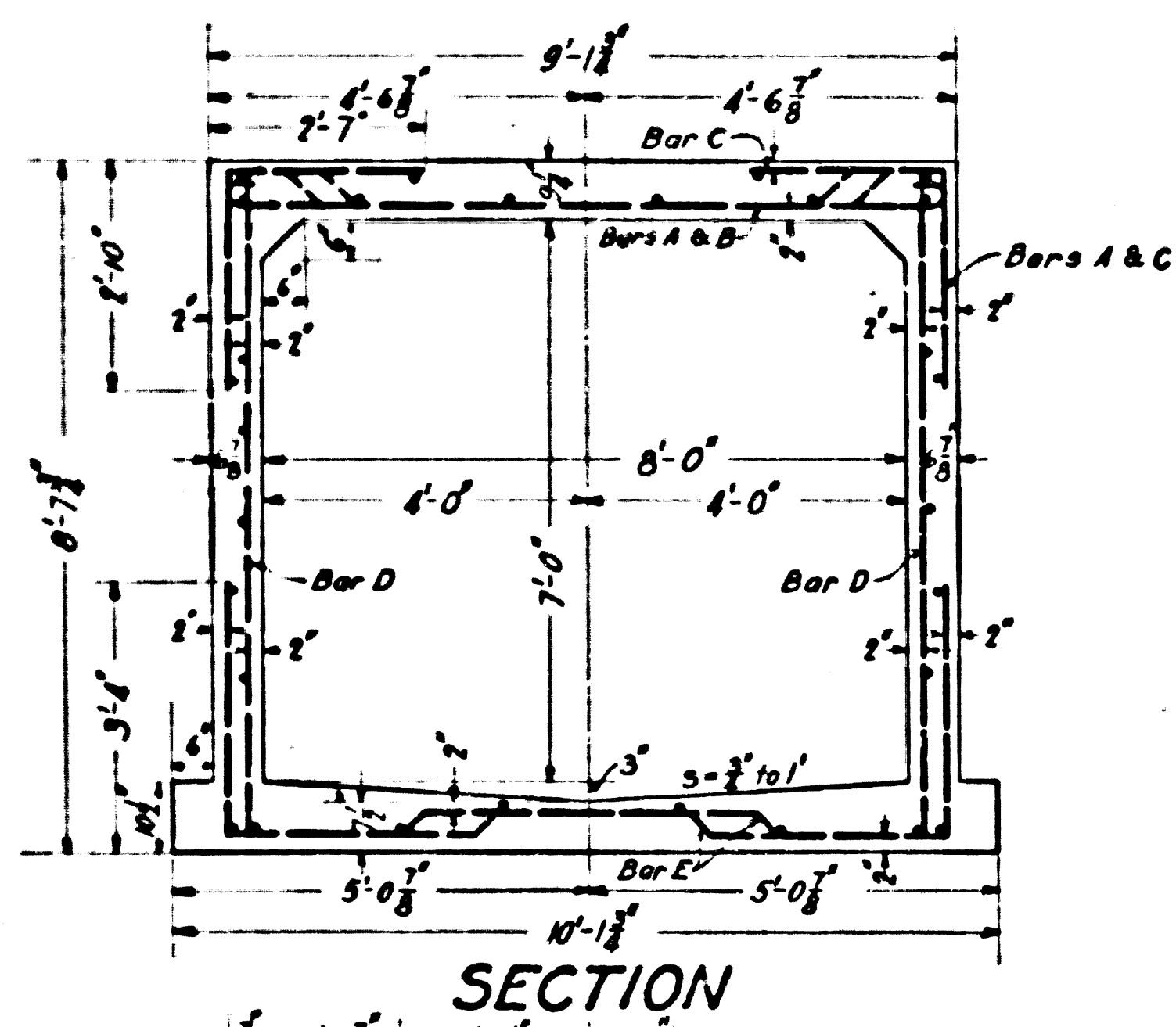
Section III from Station 292+28 to Station 305+00 of Glen Ave Trunk, Sheets 2 & 3
 Total Length 1020.00 Feet
 Class A1 Concrete: 0.6079 Cubic Yards per Foot
 Reinforcing Steel: 74,8012 Pounds per Foot (on tangent)
 Top Slab: Cover 2"; Total Load 1579.07 Lbs.
 Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
 BOX 5'-0" x 6'-3"
 SECTION III
 FROM STATION 292+28 TO STATION 305+00
 OF GLEN AVE TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/2" = 1'-0"

CSB-1171-19
 A9 OF A9

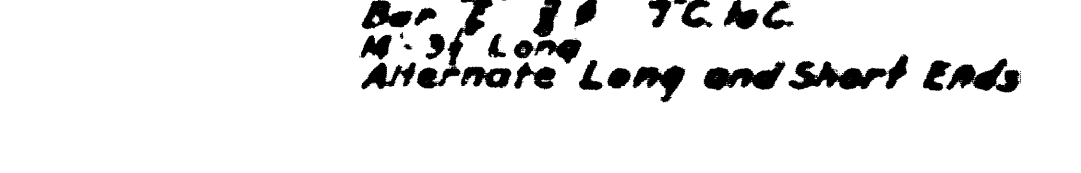
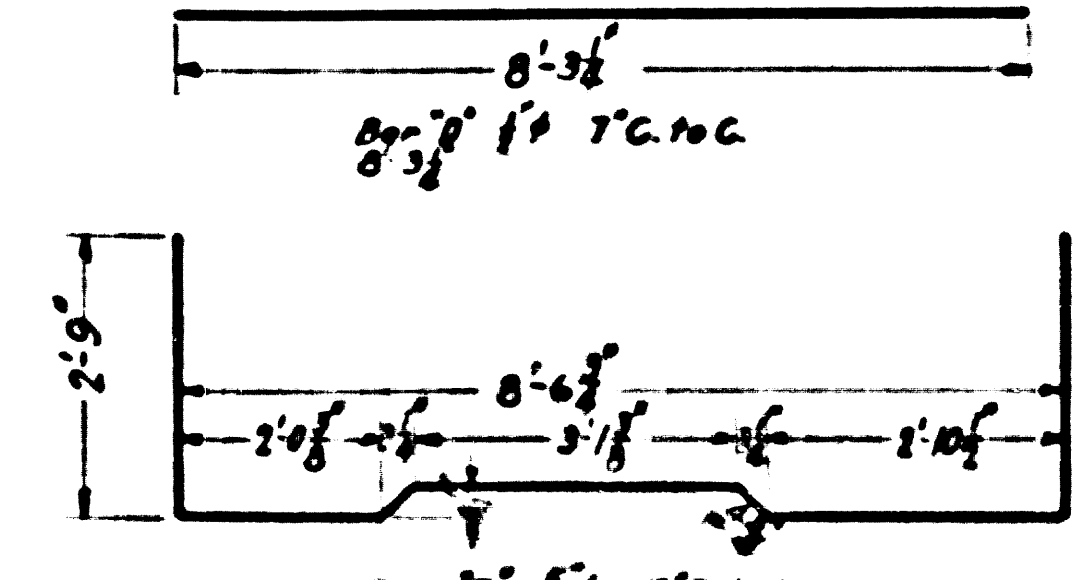
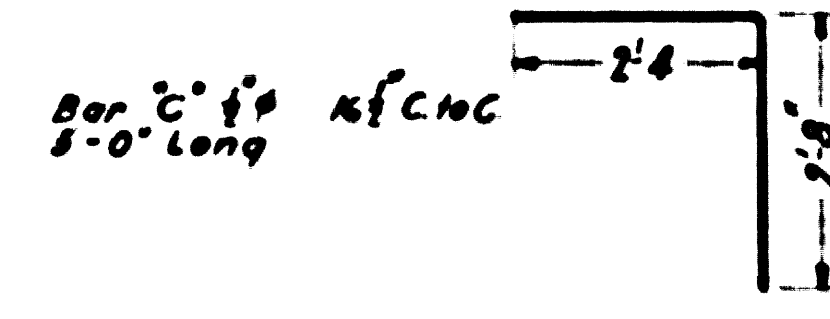
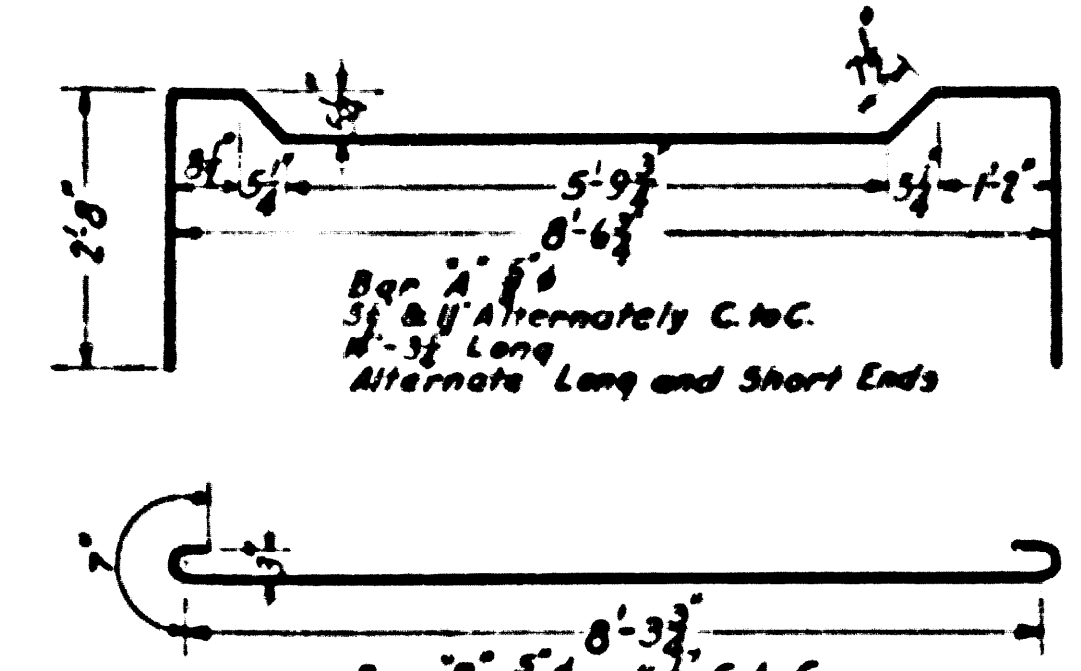
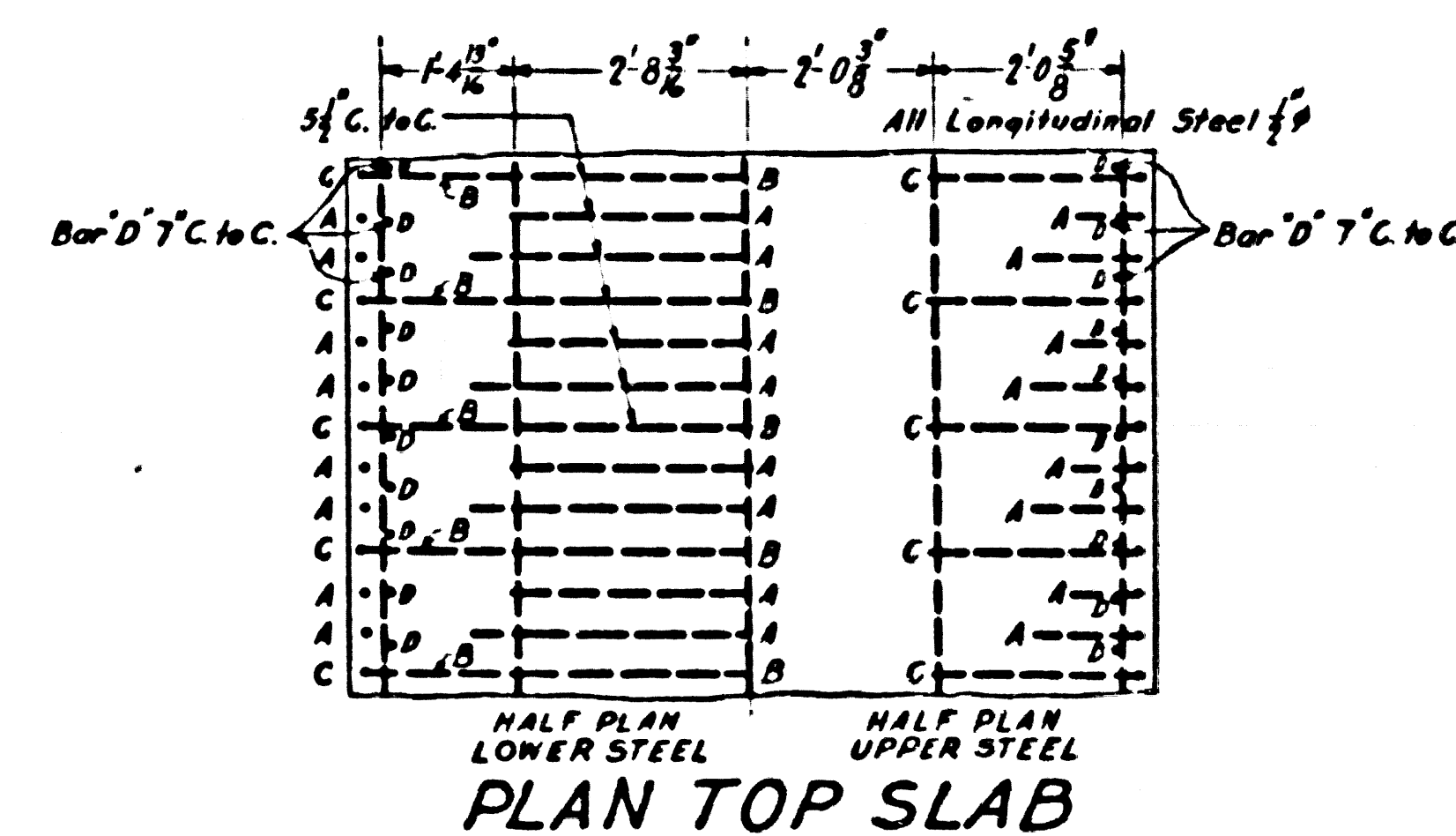


Longitudinal Steel: 29 Bars 1/2"

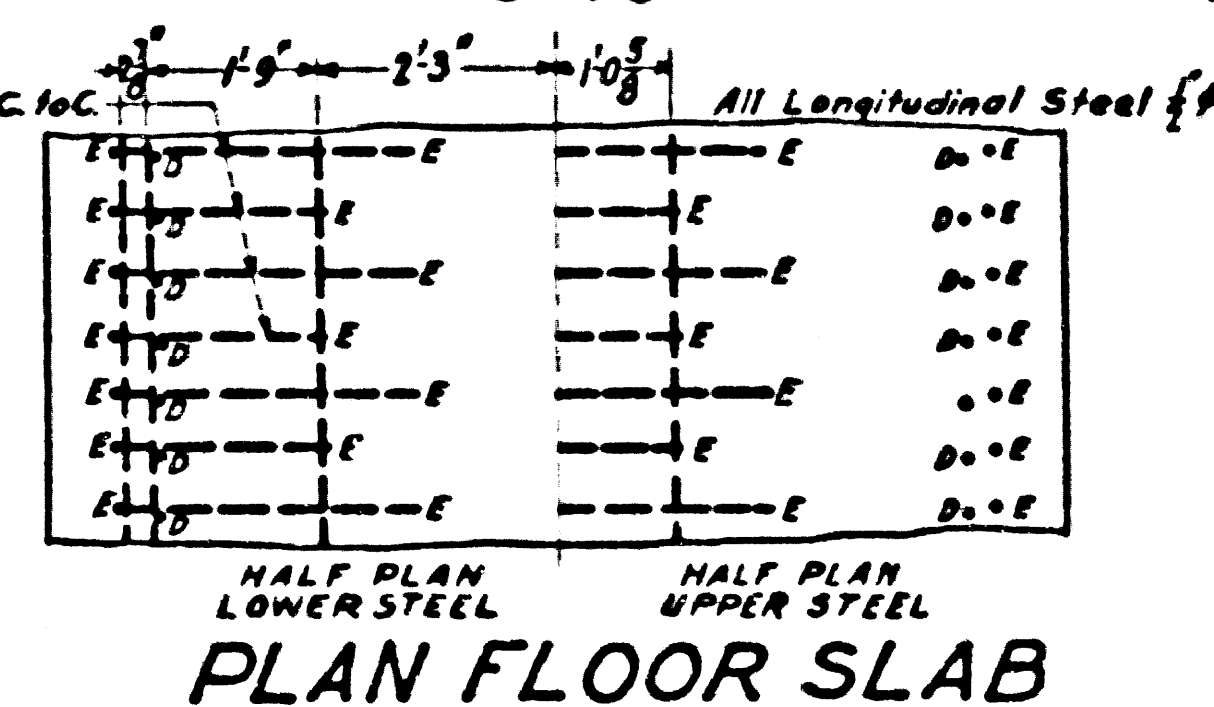
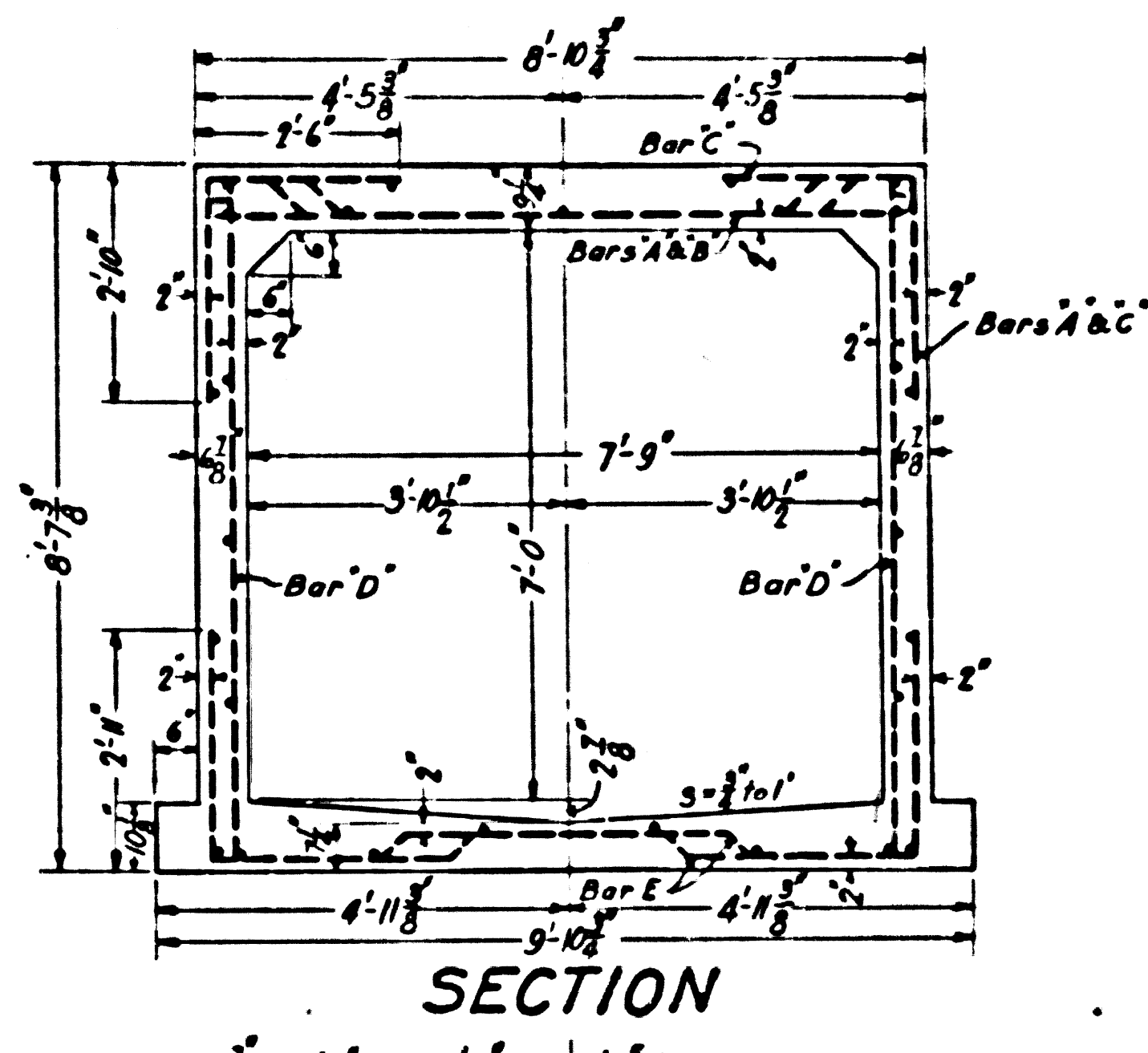


Section XI from Station 180+24 to Station 198+80 of Glen Ave., Trunk Sheet 4
Total Length 1856 Feet
Class A1 Concrete: 0.8592 Cubic Yards per Foot
Reinforcing Steel: 104,538 Pounds per Foot (on Tangent)
Top Slab: Cover 4"; Total Load 1059 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 7'-0" x 8'-0"
SECTION XI
FROM STATION 180+24 TO STATION 198+80
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'



Longitudinal Steel: 27 Bars 1/2"

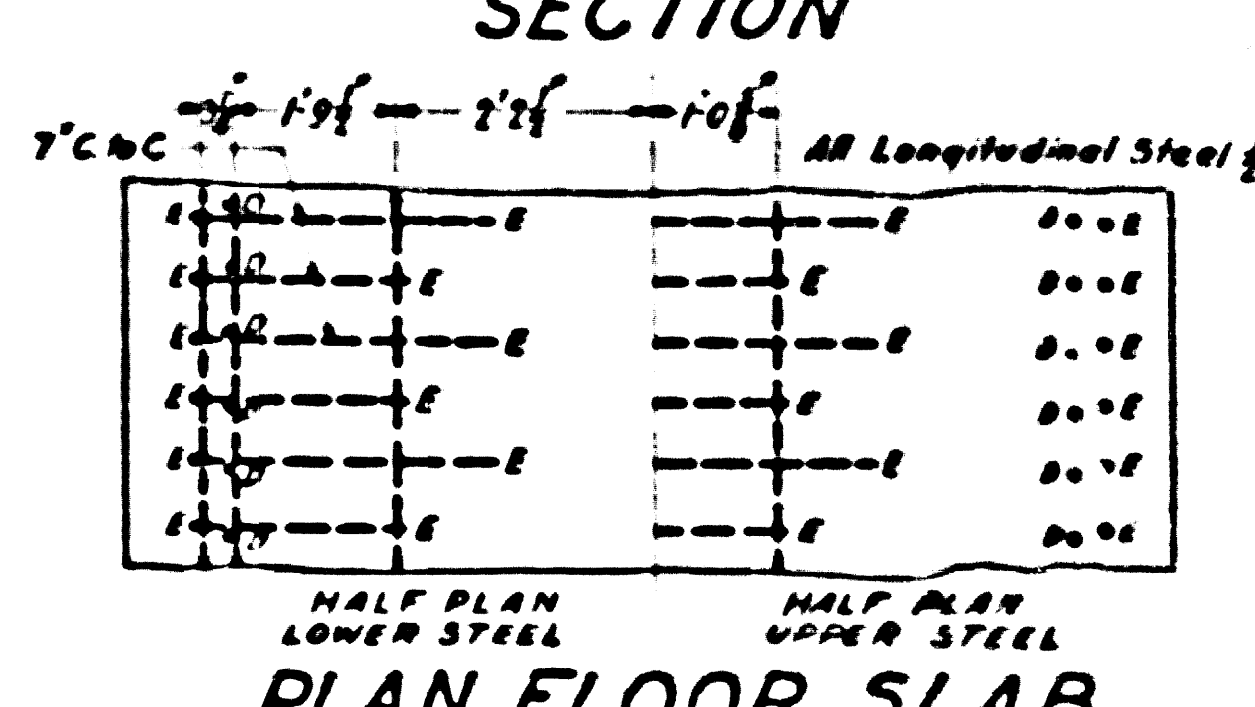
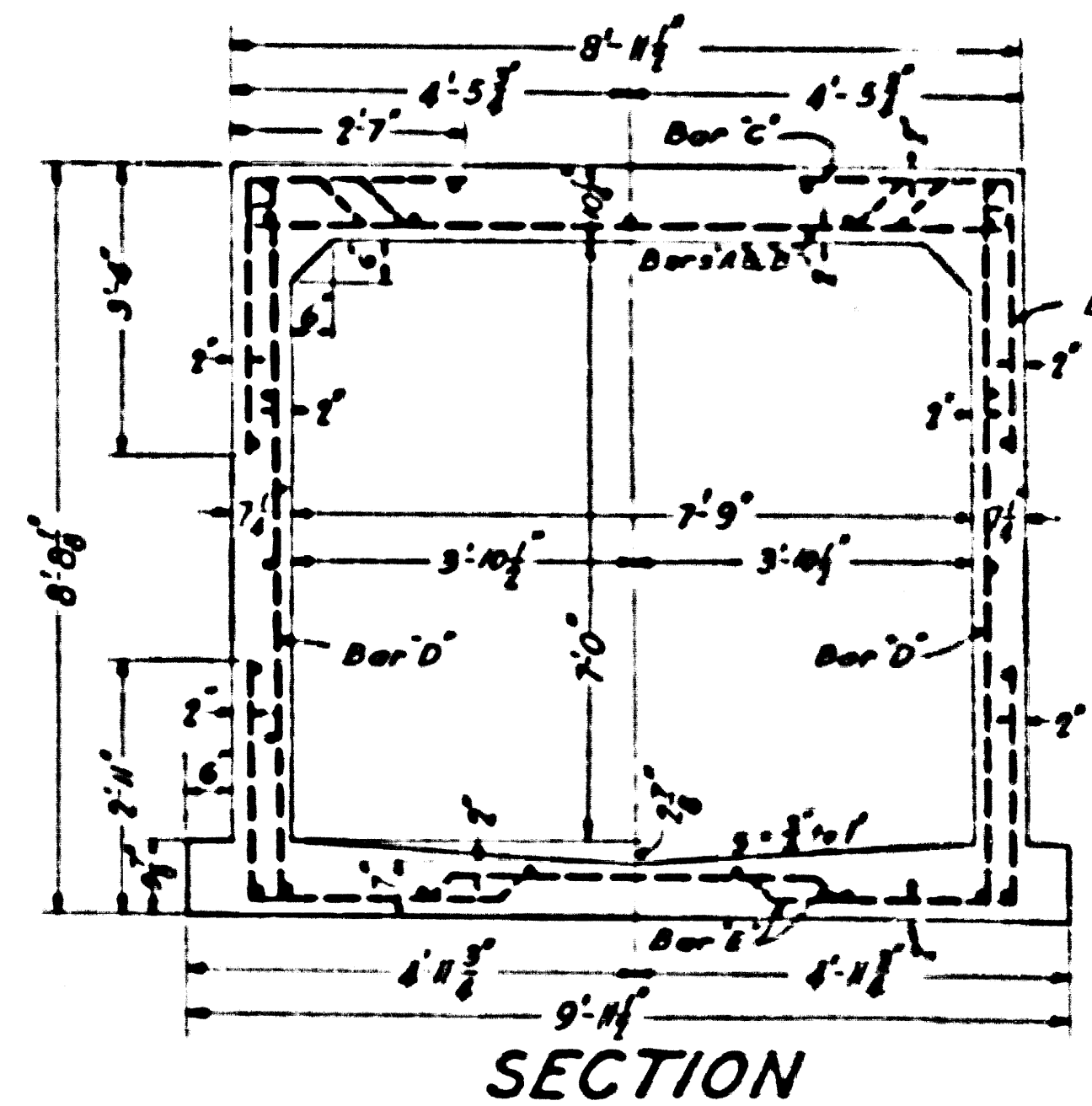
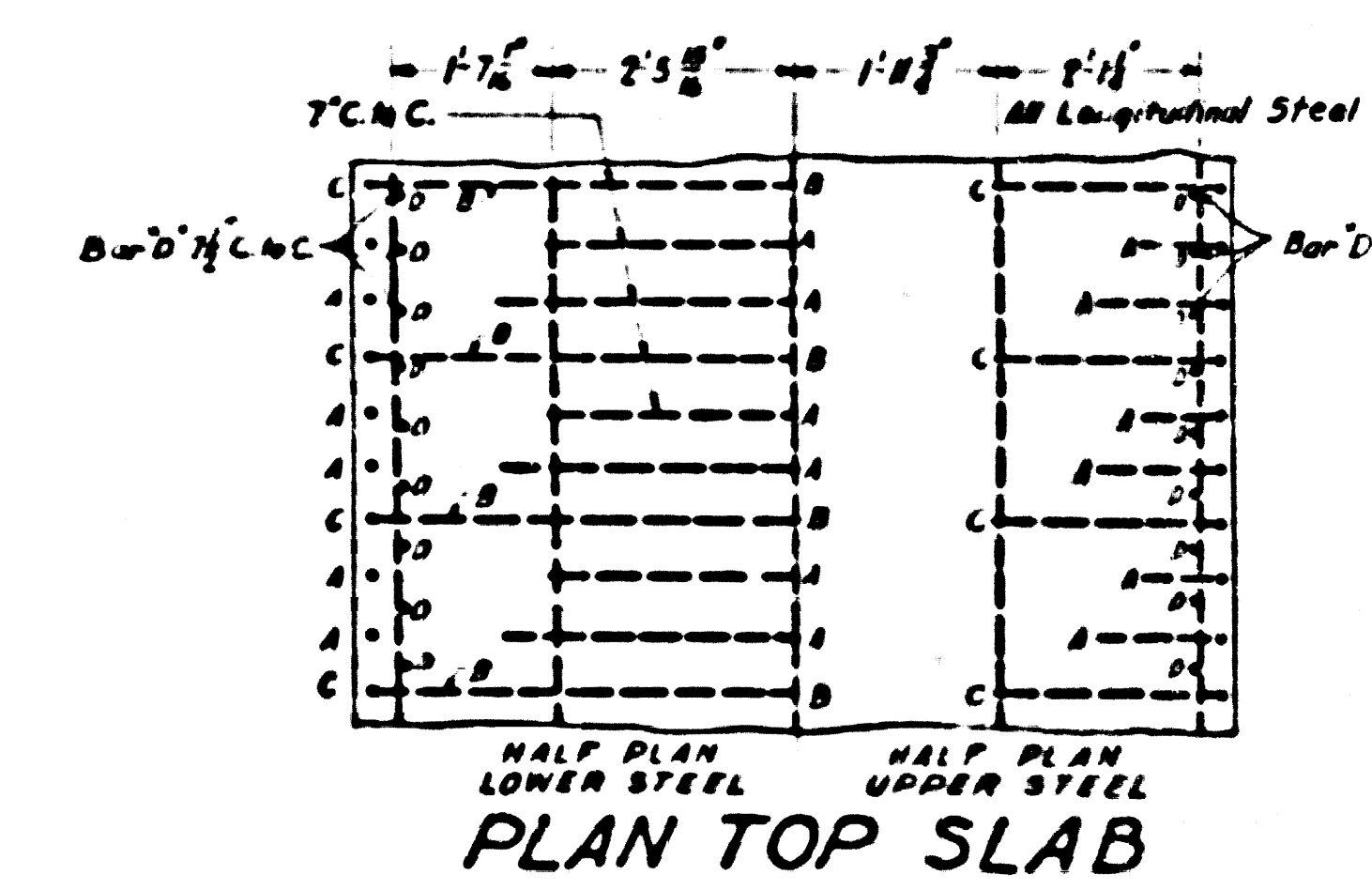


Section XII from Station 175+00 to Station 180+14 of Glen Ave., Trunk Sheet 4
Total Length 514 Feet
Class A1 Concrete: 0.8352 Cubic Yards per Foot
Reinforcing Steel: 97,869 Pounds per Foot (on Tangent)
Top Slab: Cover 4"; Total Load 1059 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 7'-0" x 7'-9"
SECTION XII
FROM STATION 175+00 TO STATION 180+14
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

CSB-1171-19
A2 OF A9

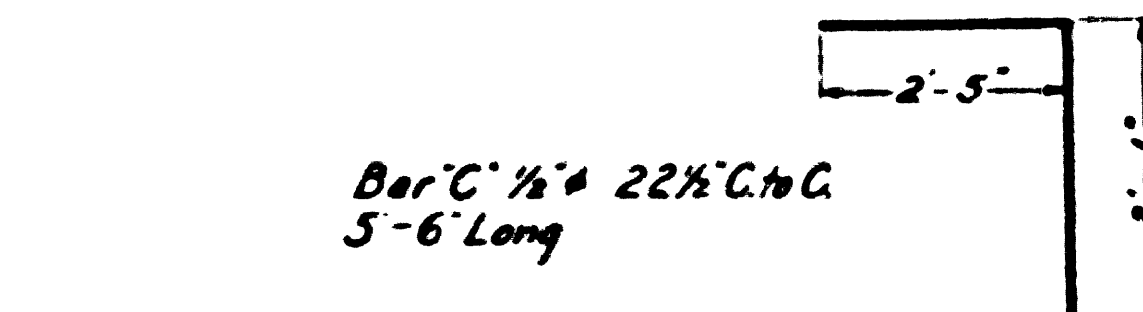
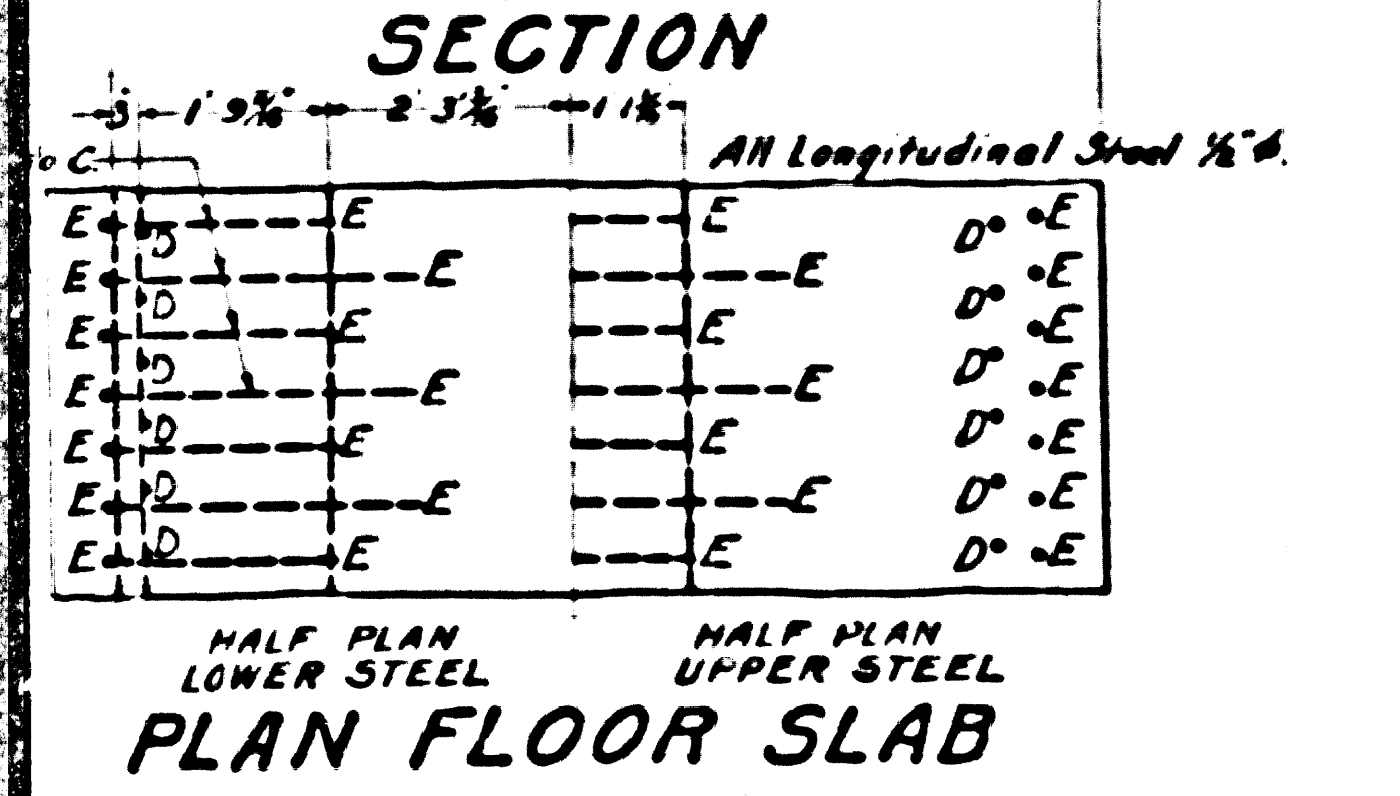
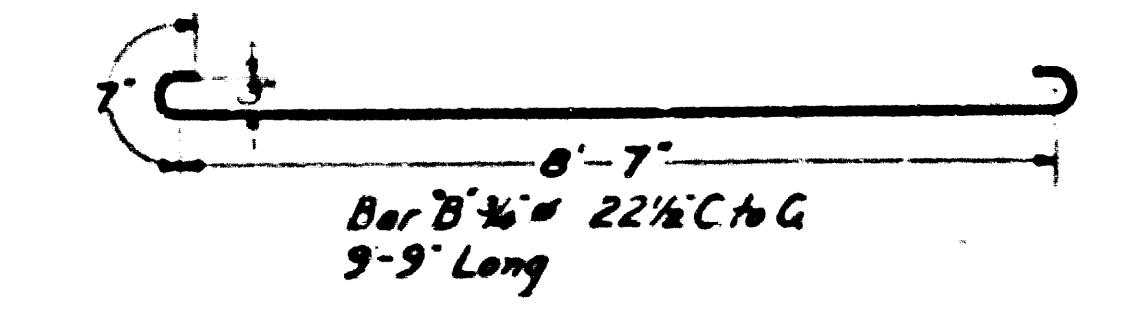
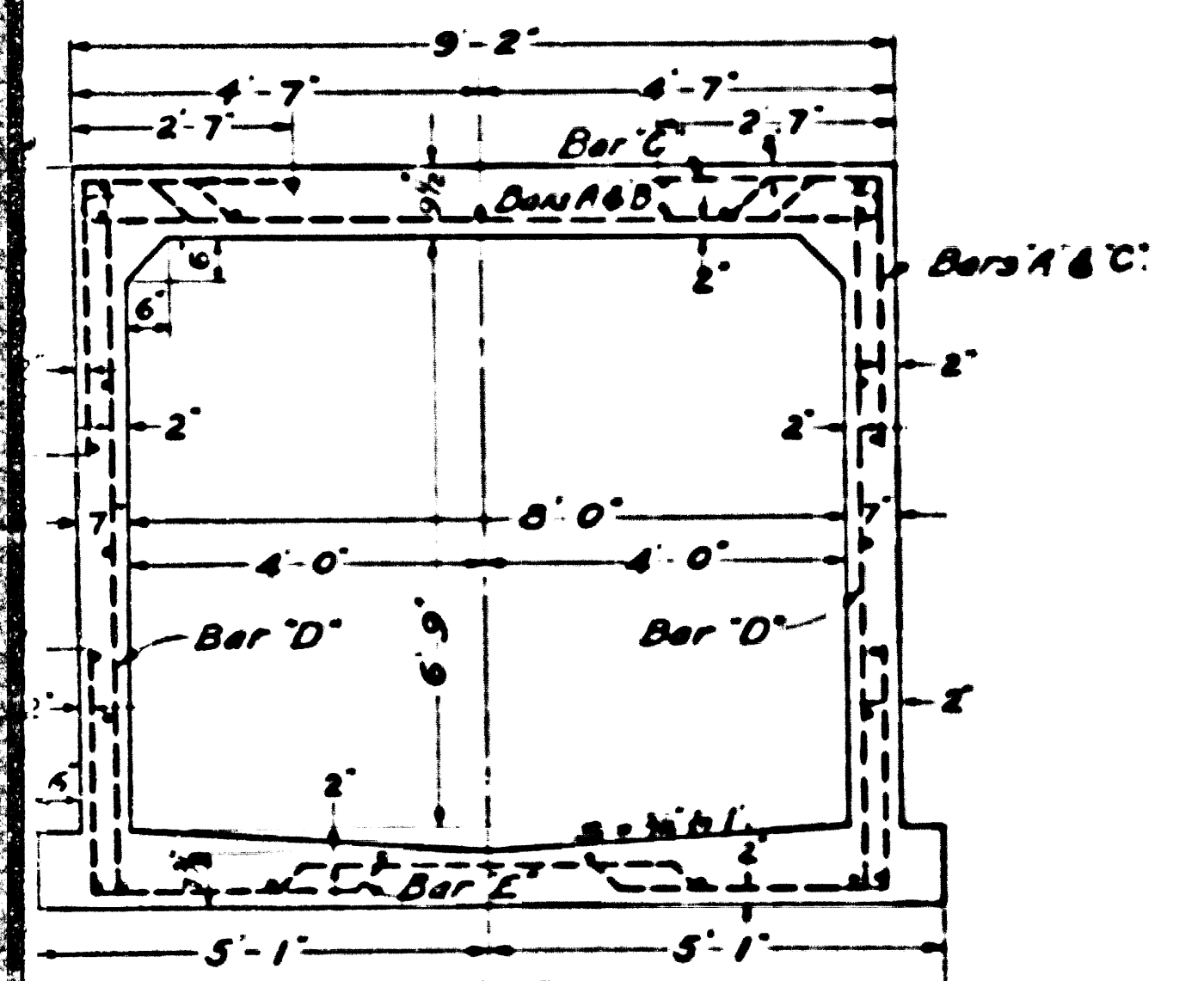
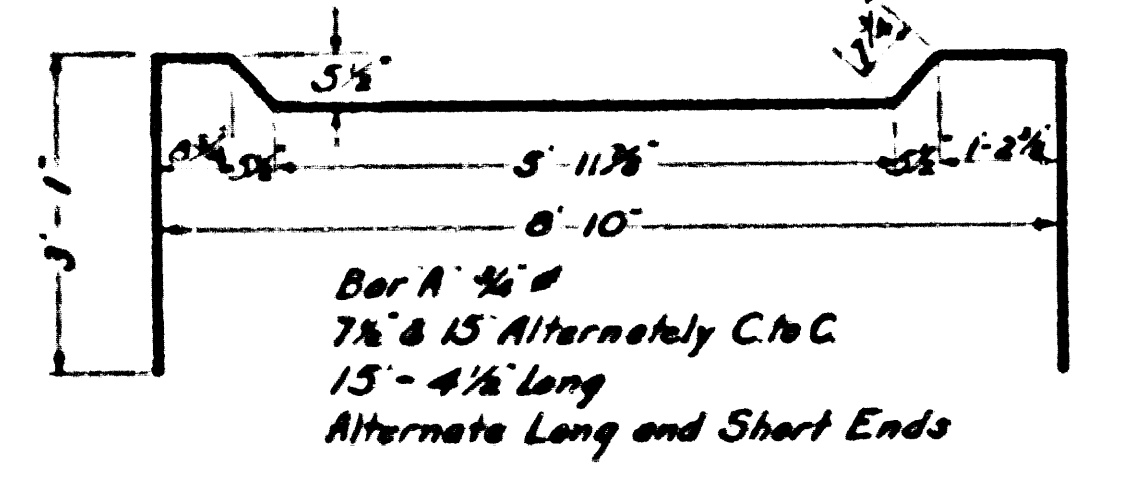
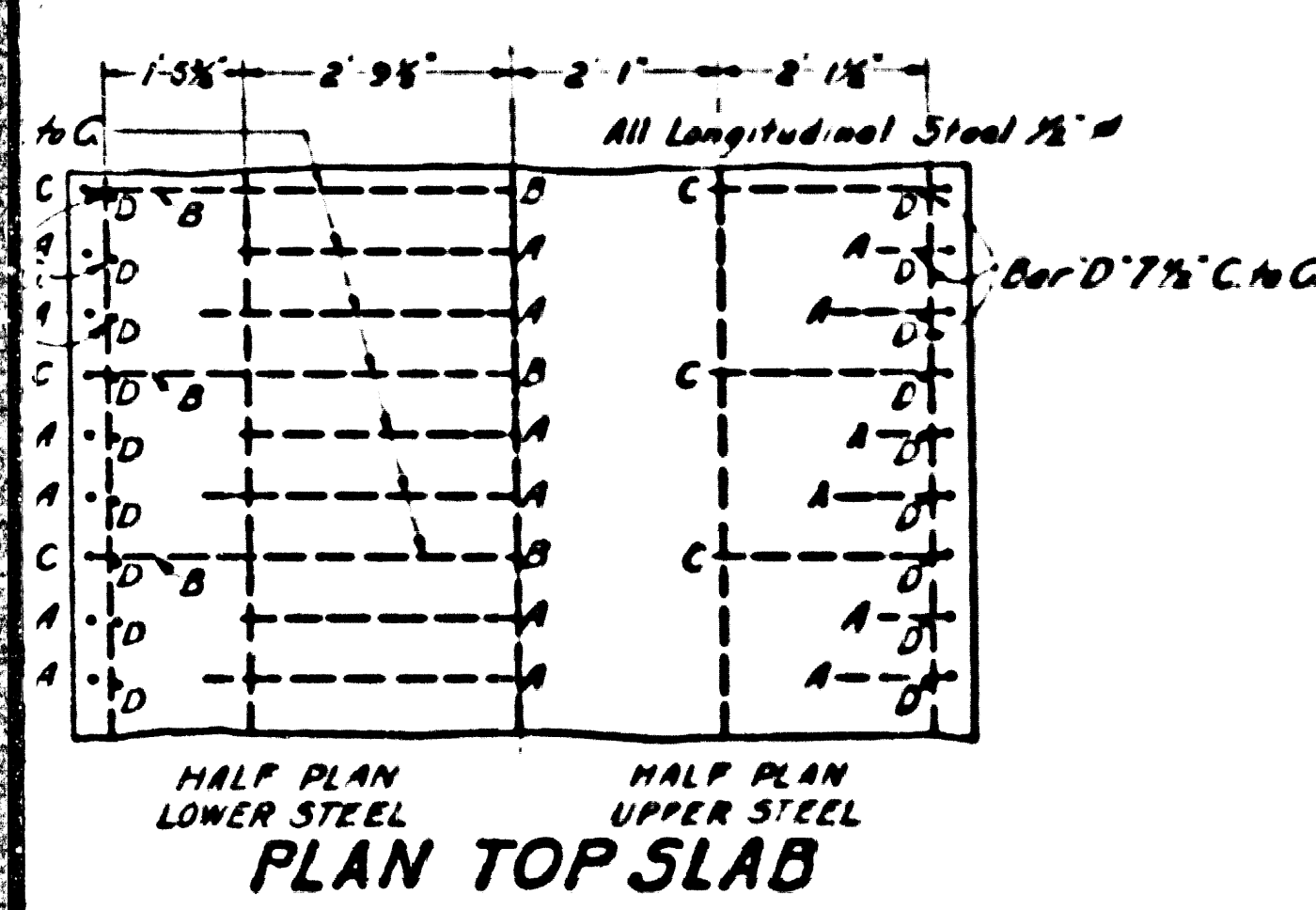
Reviewed for Correctness
August 1941
A. J. Rindard



Section XIII from Station 169+00 to Station 175+00 of Glen Ave., Trunk Sheet 4
Total Length 600 Feet
Class A1 Concrete: 0.8751 Cubic Yards per Foot
Reinforcing Steel: 101,913 Pounds per Foot (on Tangent)
Top Slab: Cover 2"; Total Load 1304 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

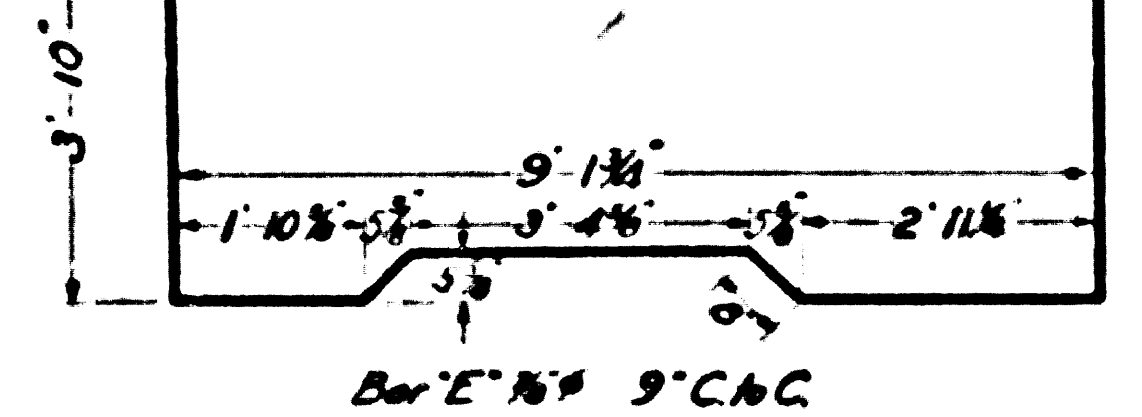
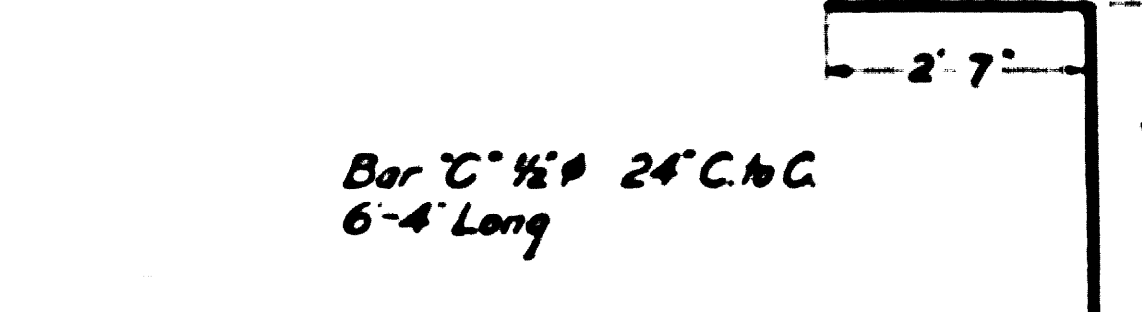
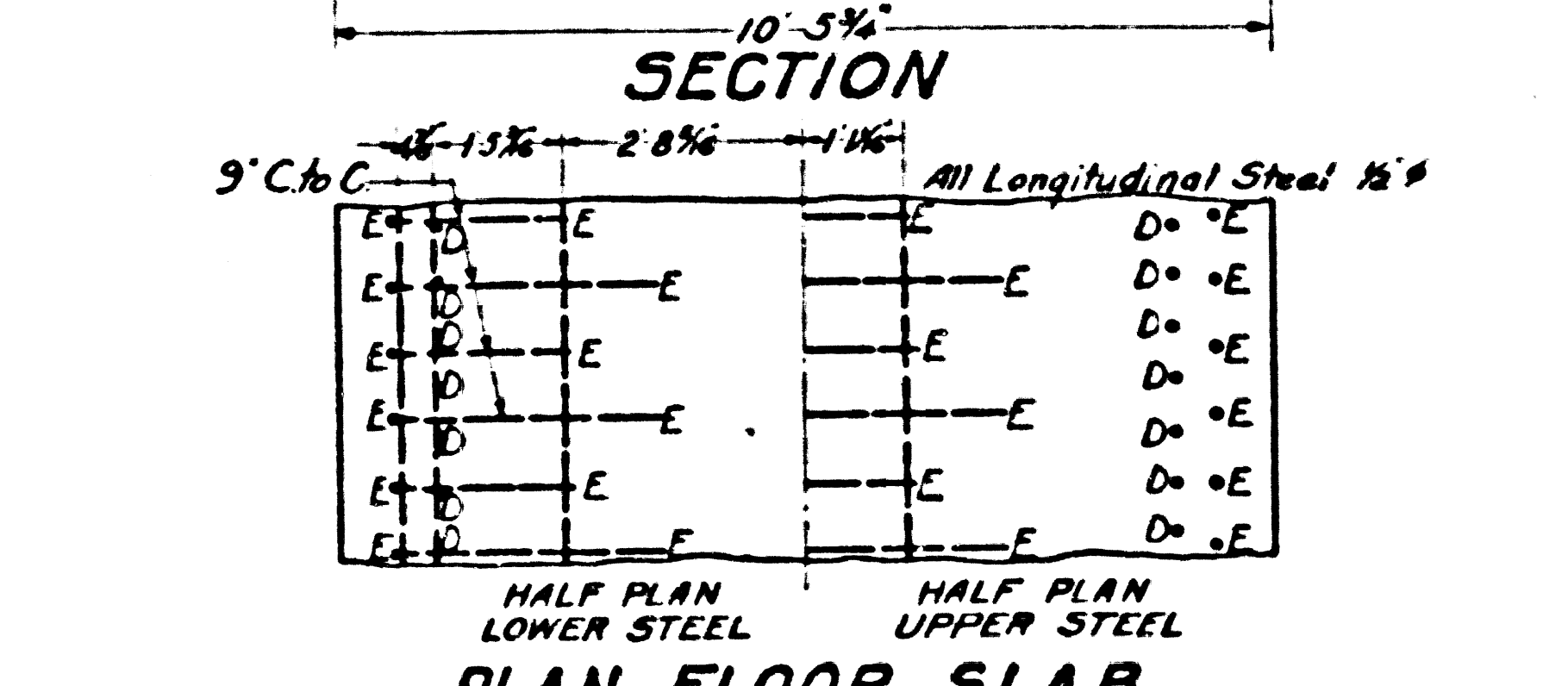
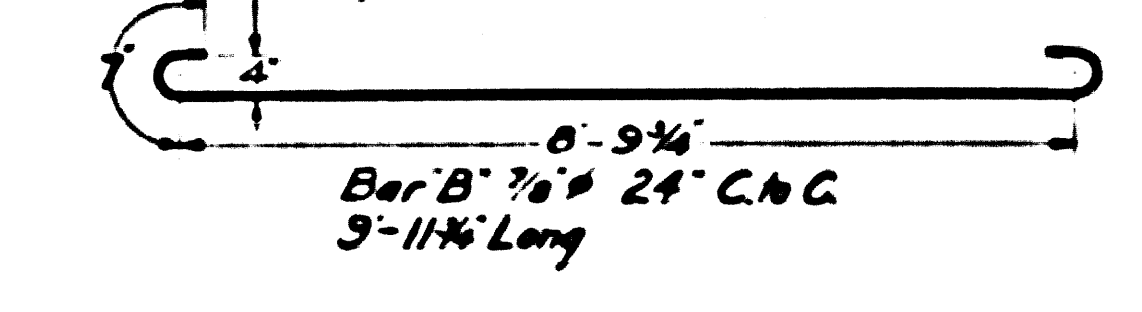
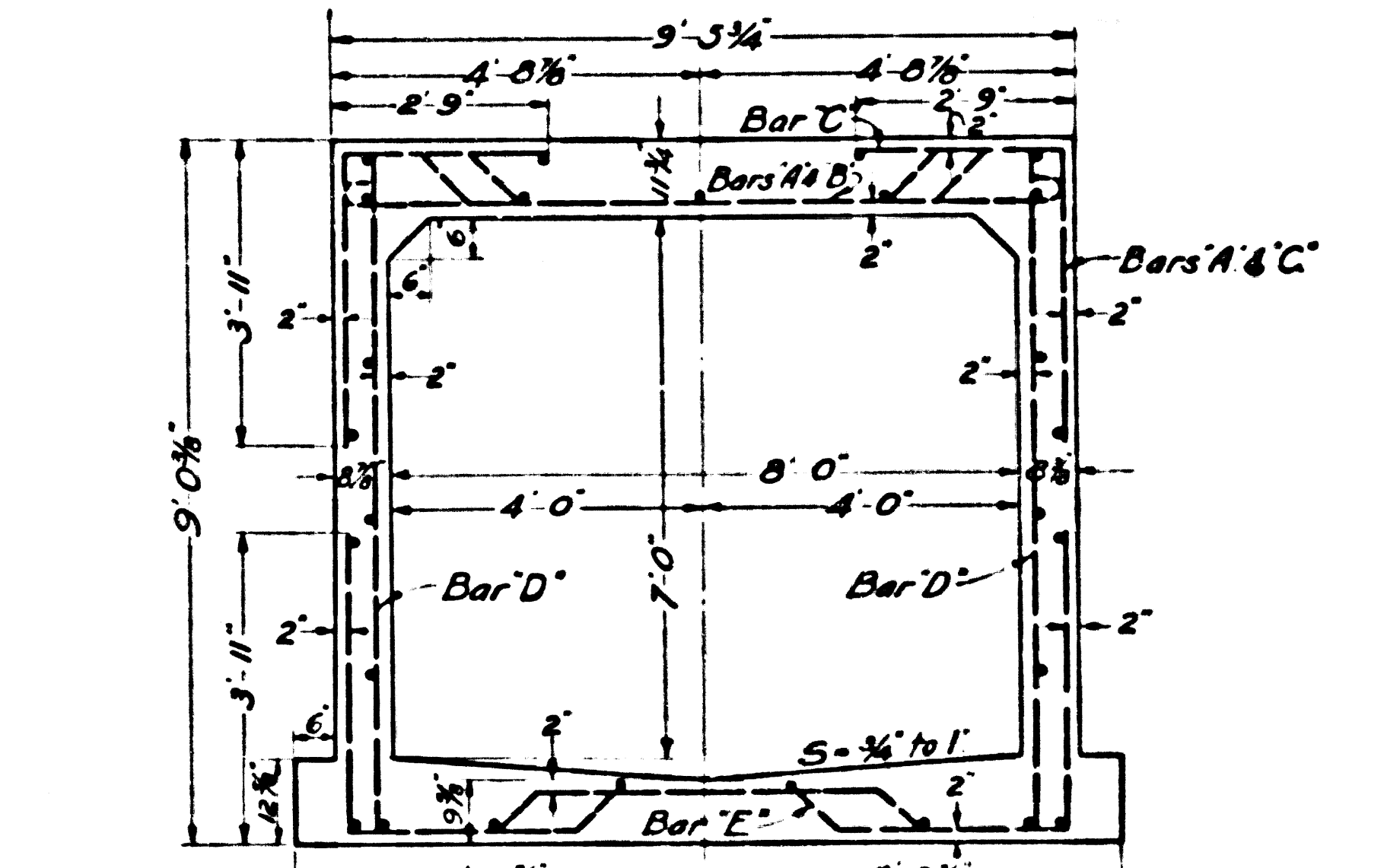
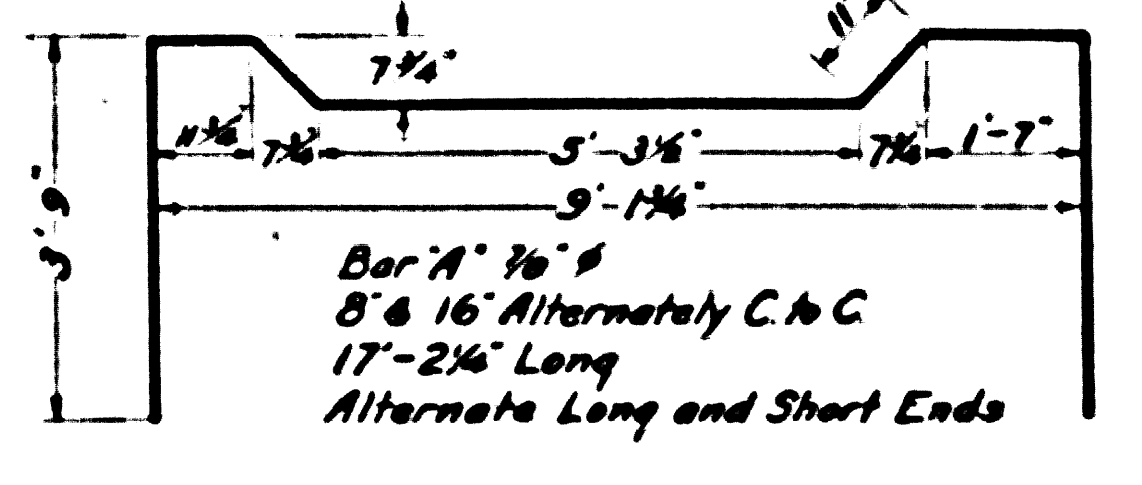
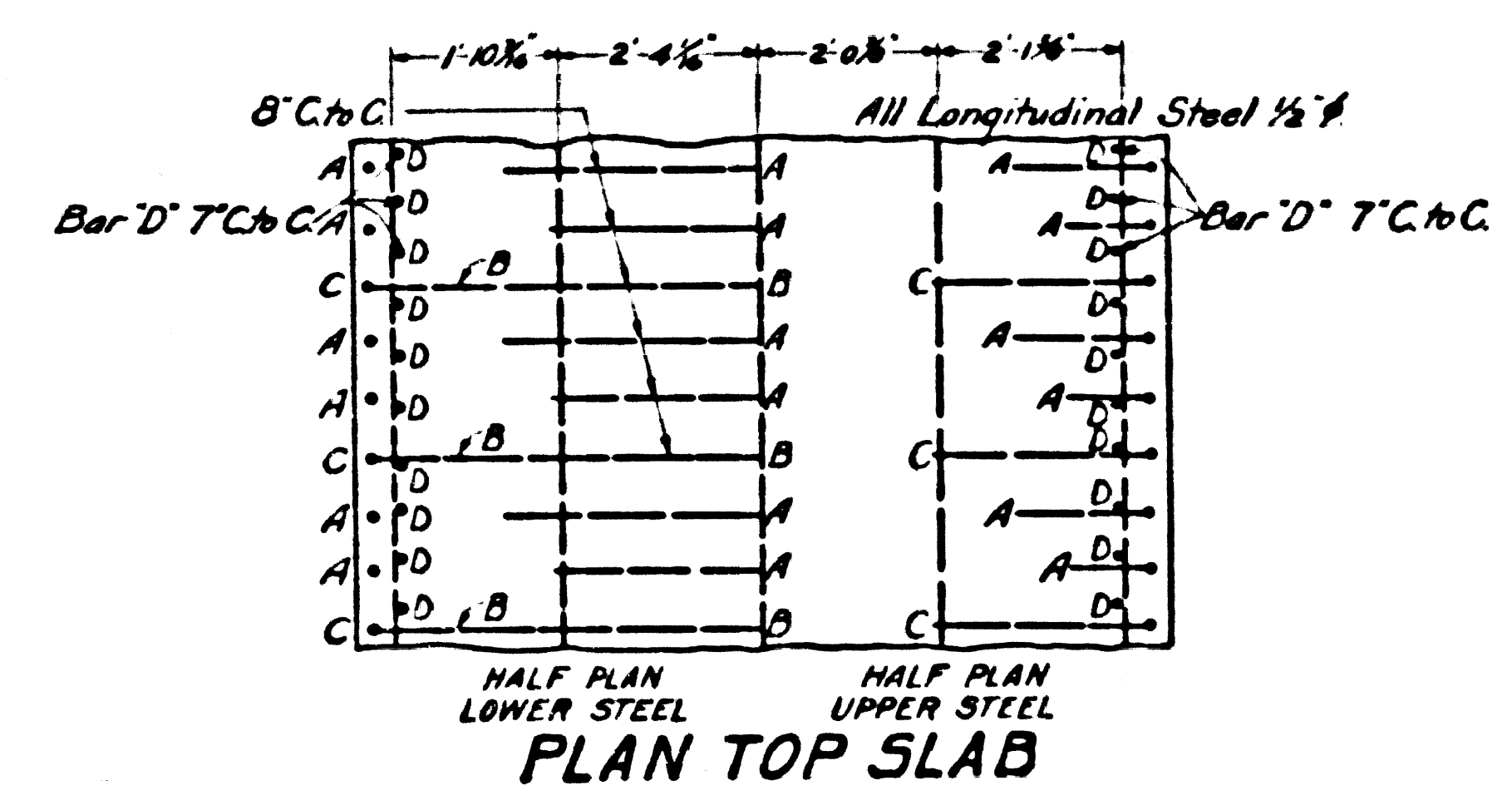
REINFORCED CONCRETE
BOX 7'-0" x 7'-0"
SECTION XIII
FROM STATION 169+00 TO STATION 175+00
OF GLEN AVE. TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/2"=1'

Reviewed for Correctness
August 1941
A. J. Rindard



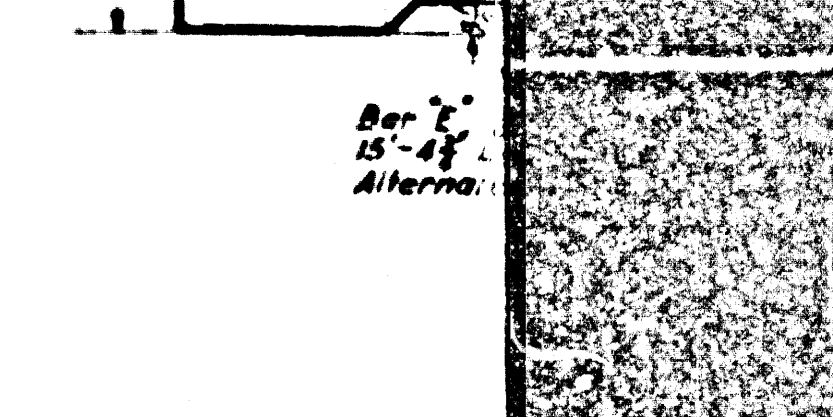
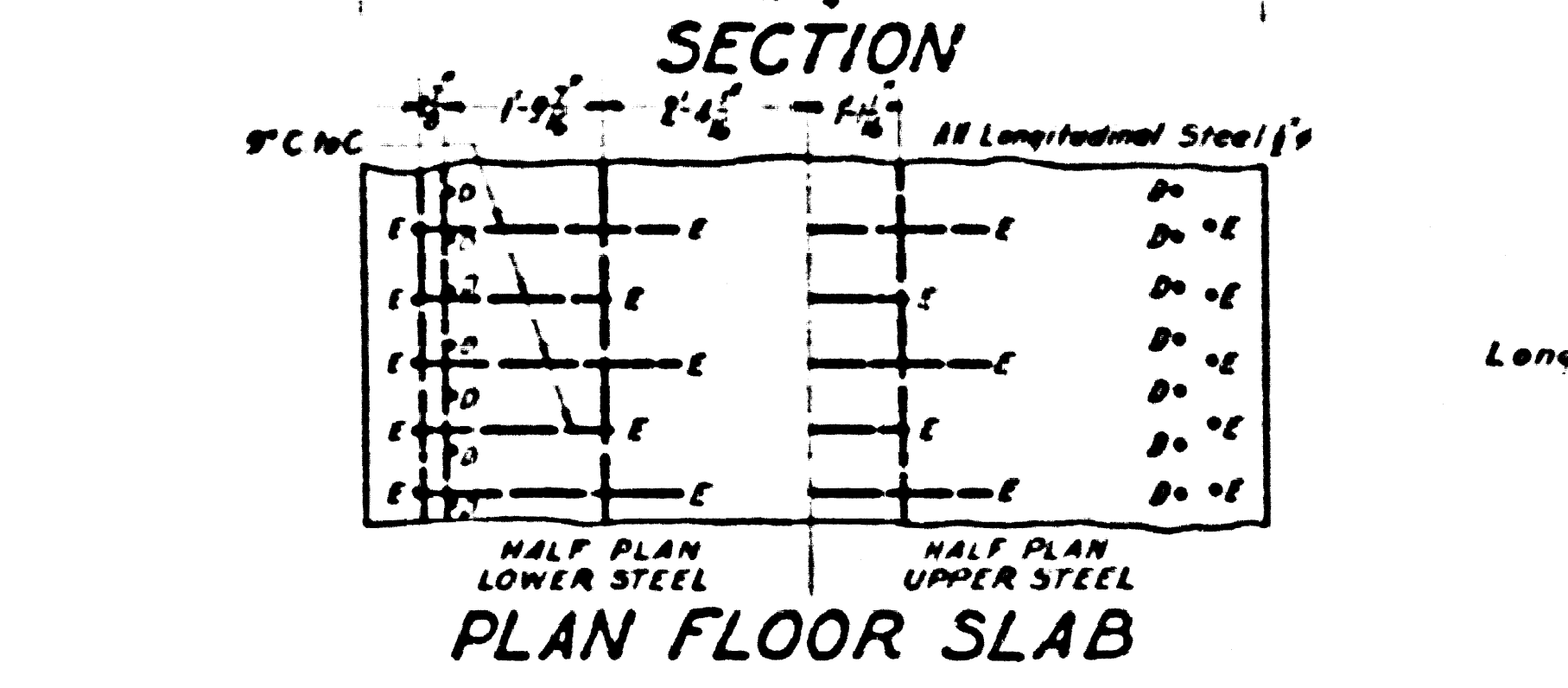
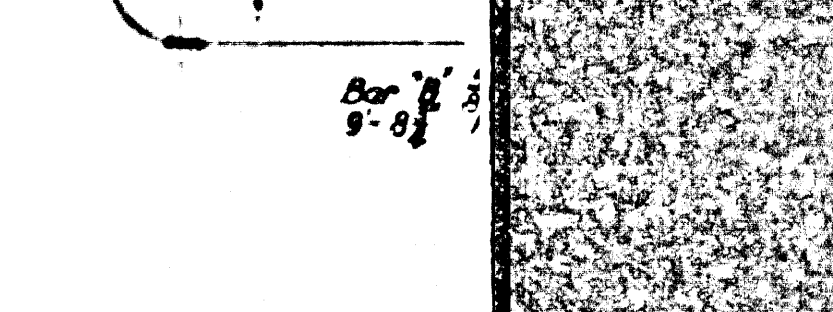
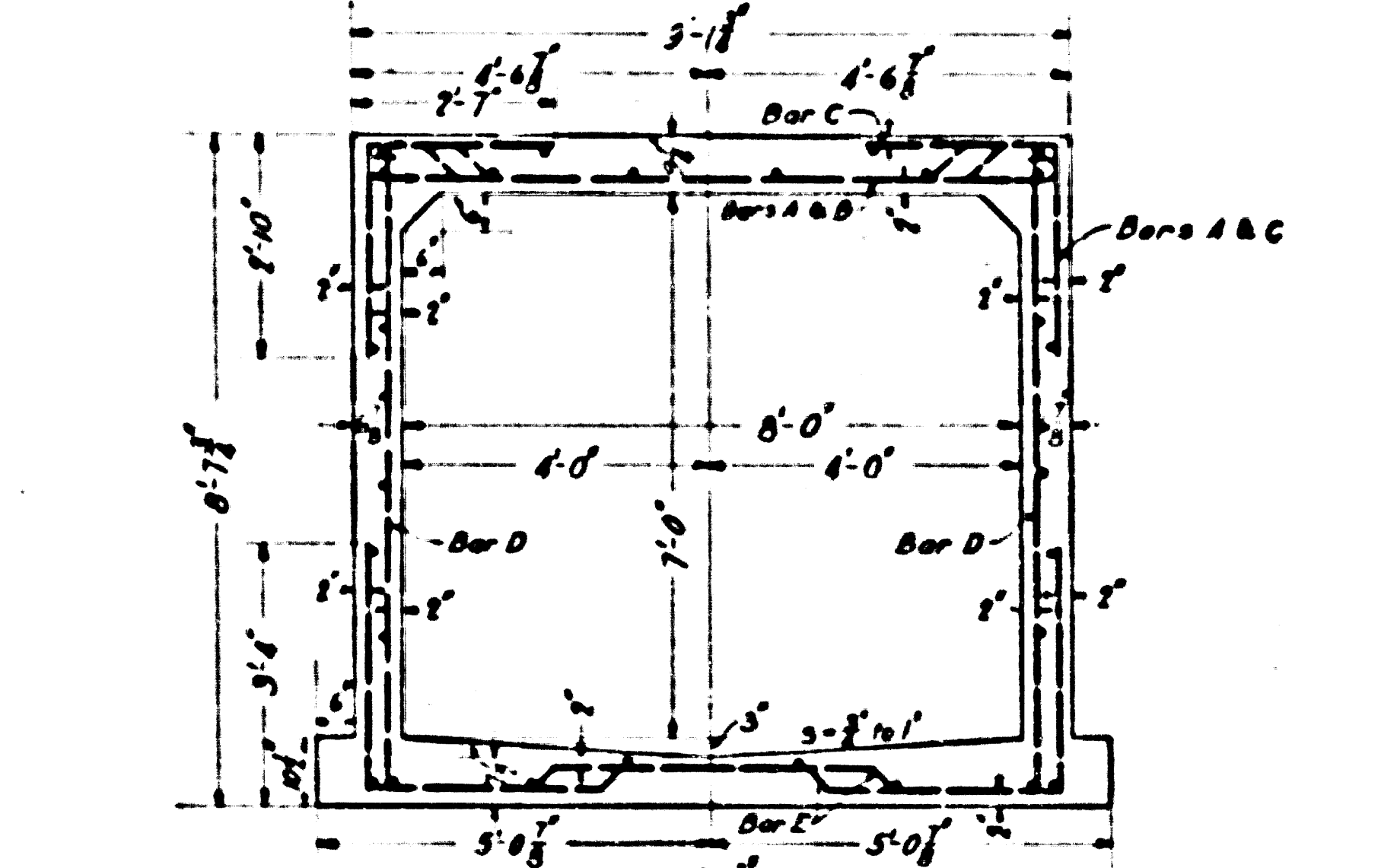
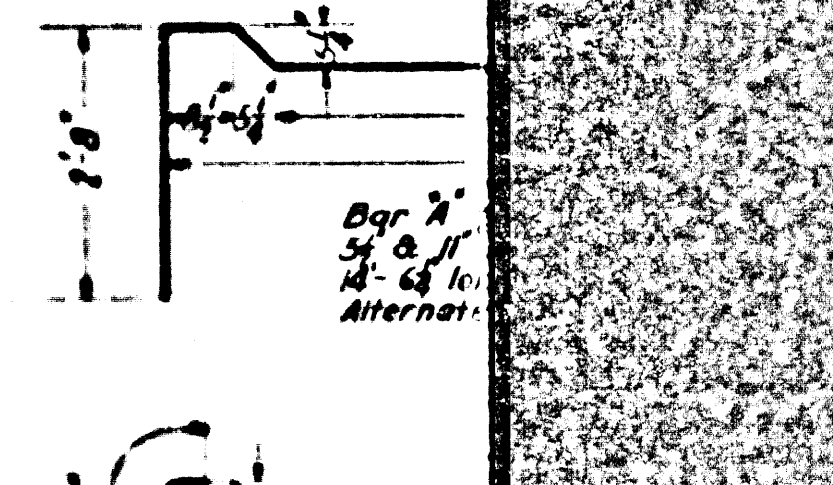
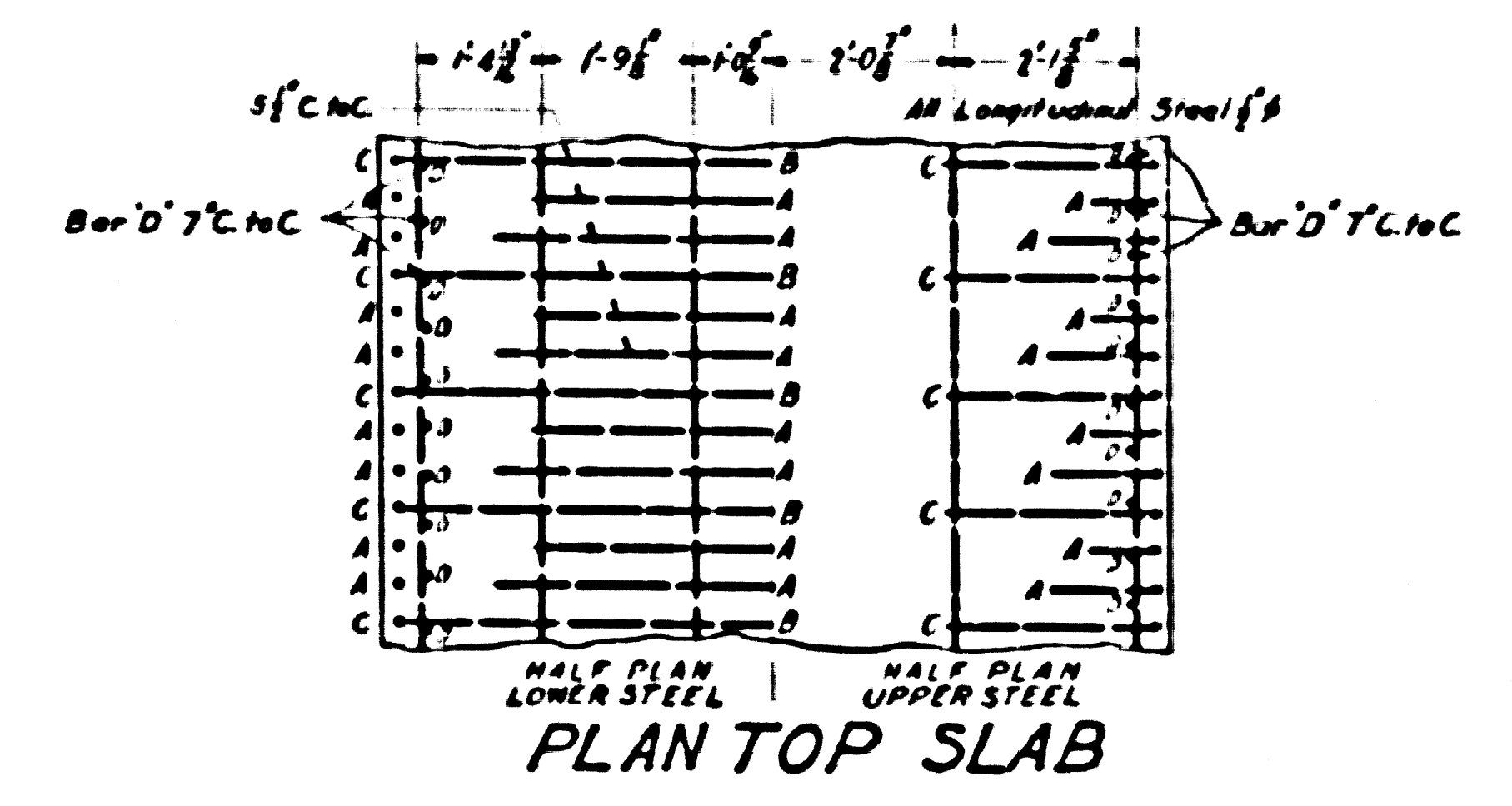
Longitudinal Steel: 27 Bars 1/2" #

Section XIII from Station 199+97.04 to Station 202+00 of Glen Ave., Trunk Sheet 4.
 Length: 202.96 Feet
 Class A1 Concrete: 0.0583 Cubic Yards per Foot
 Reinforcing Steel: 101,260.3 Pounds per Foot (on tangent)
 Top Slab: Cover 4"; Total Load 1058.75 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines.



Longitudinal Steel: 27 Bars 1/2" #

Section XIV from Station 198+80 to Station 199+87.71 of Glen Ave., Trunk Sheet 4.
 Total Length: 107.71 Feet
 Class A1 Concrete: 1.1079 Cubic Yards per Foot
 Reinforcing Steel: 147,192.6 Pounds per Foot (on tangent)
 Top Slab: Cover 4" to 3"; Total Load 1795.38 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines.



Longitudinal Steel: 28 Bars

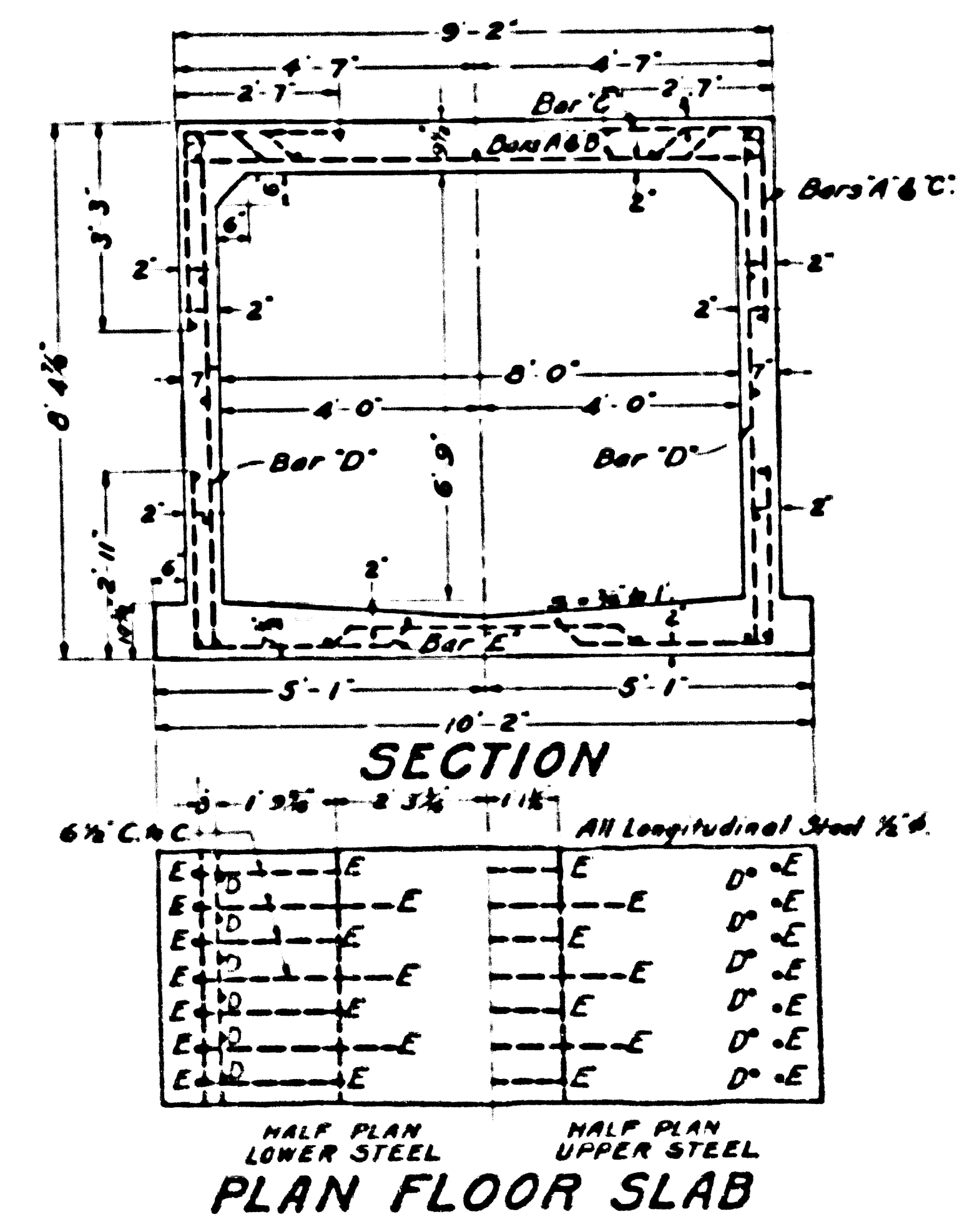
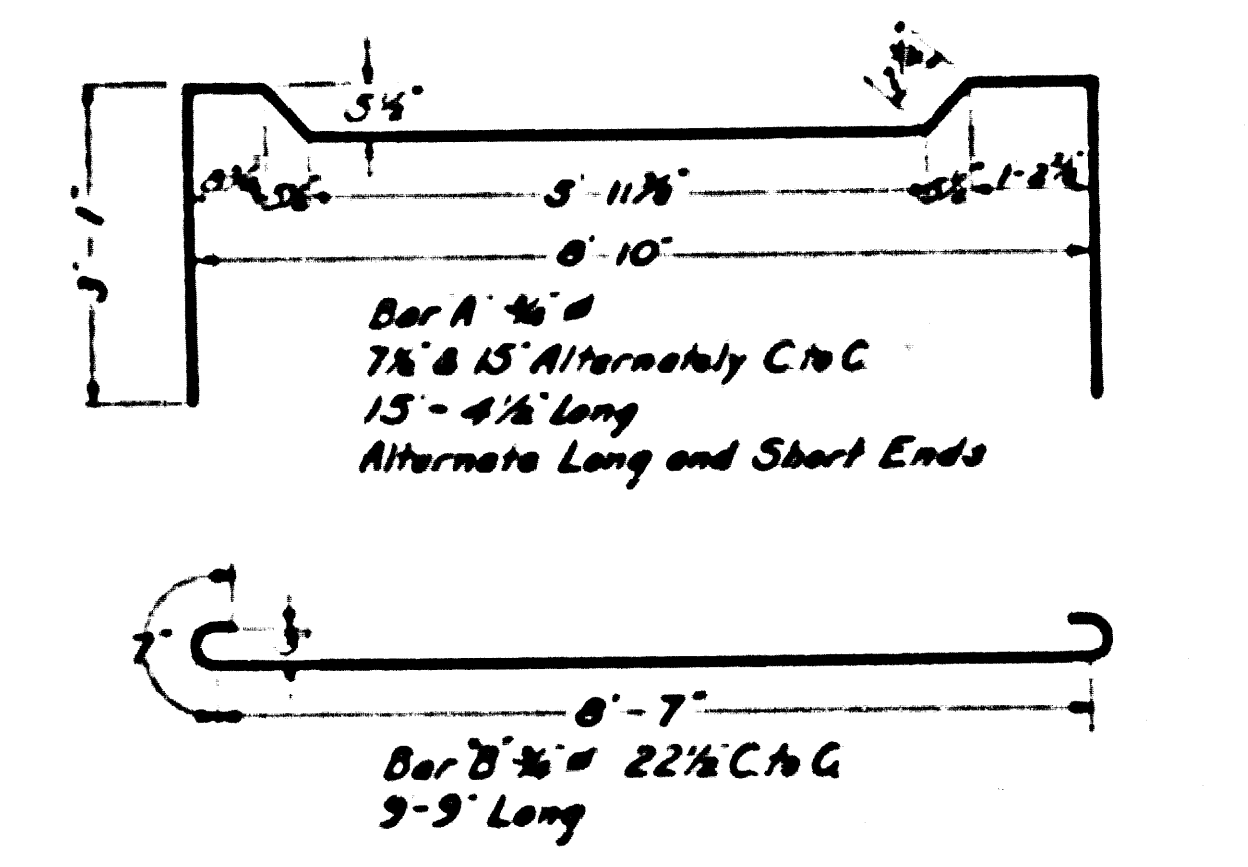
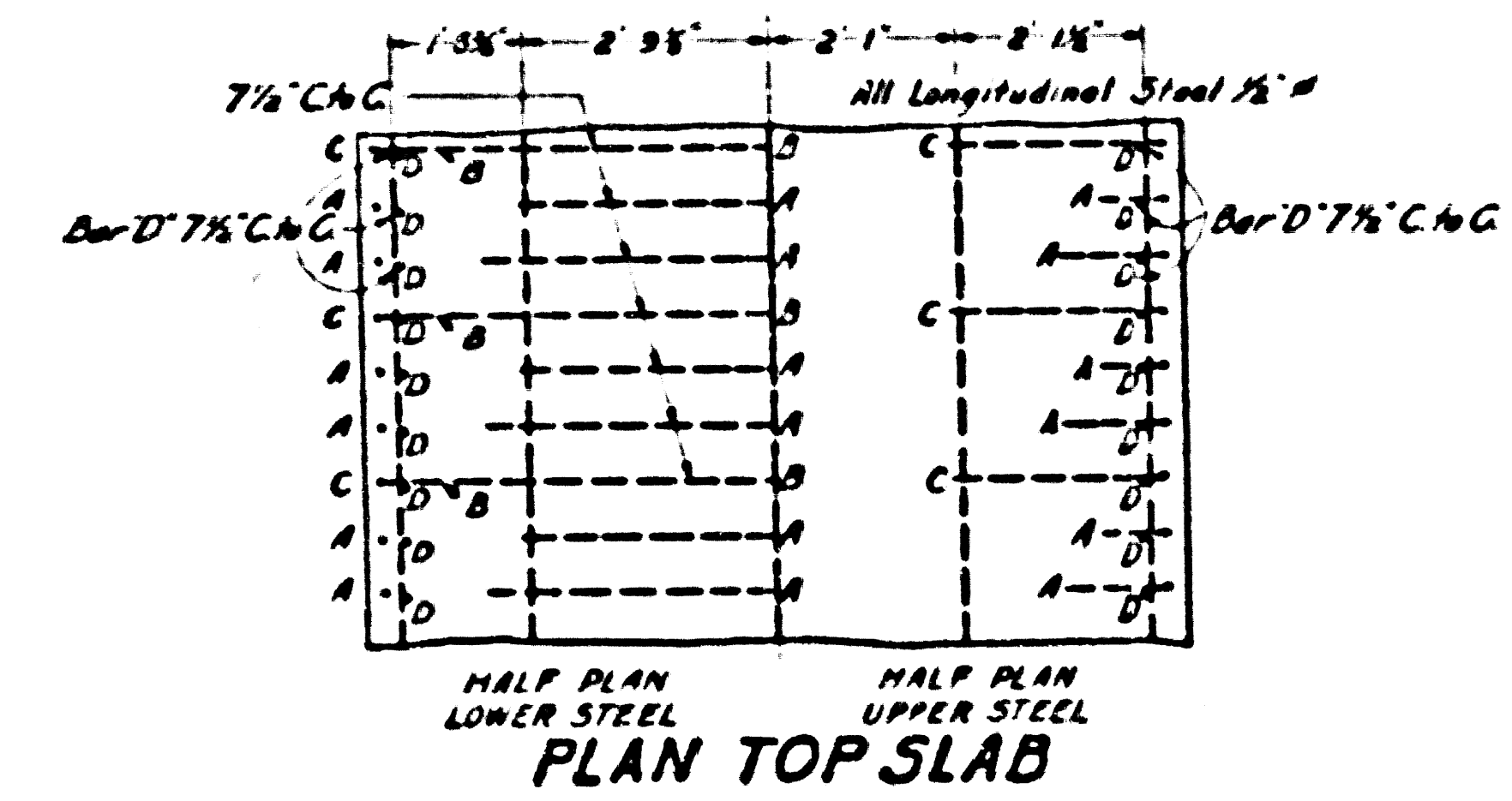
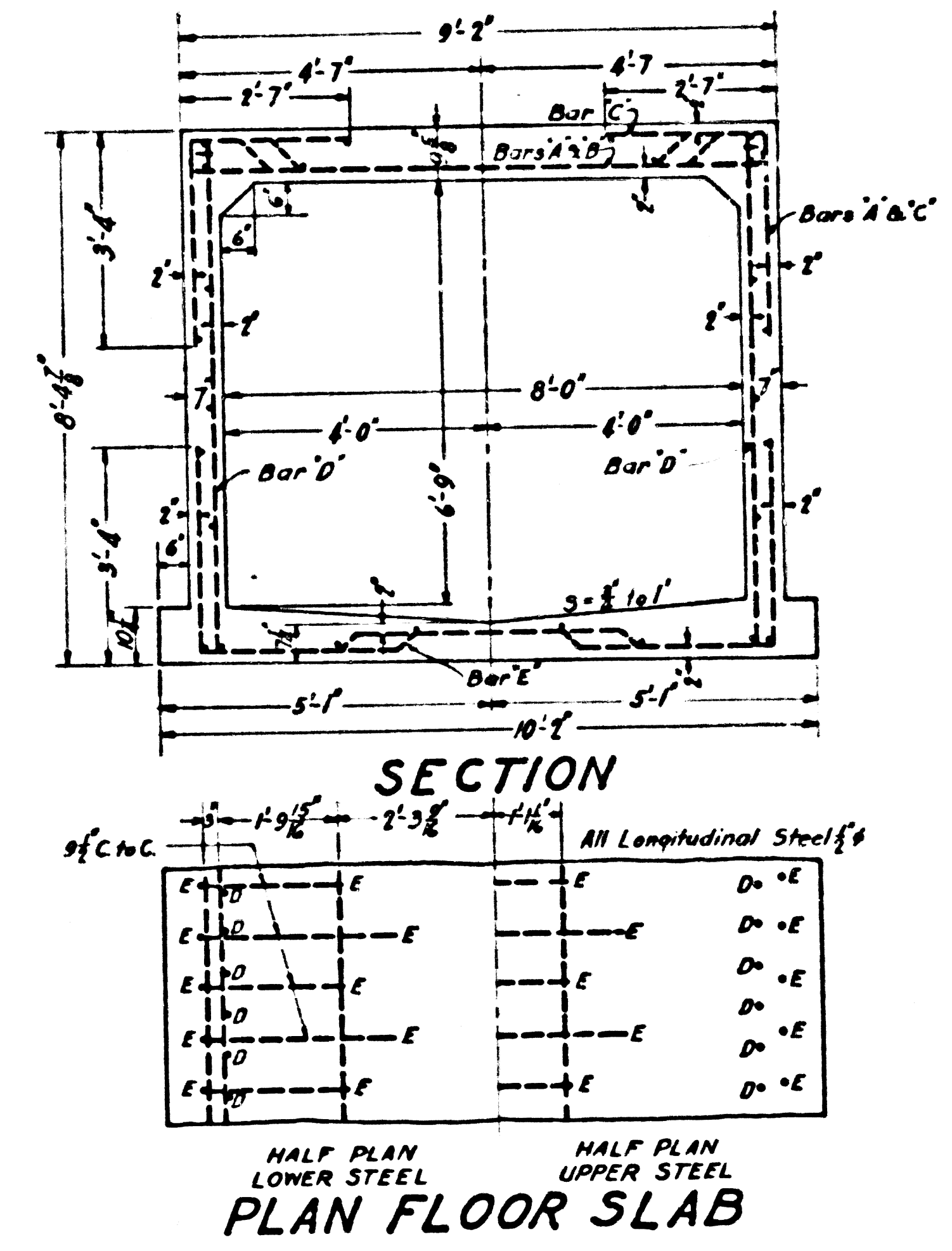
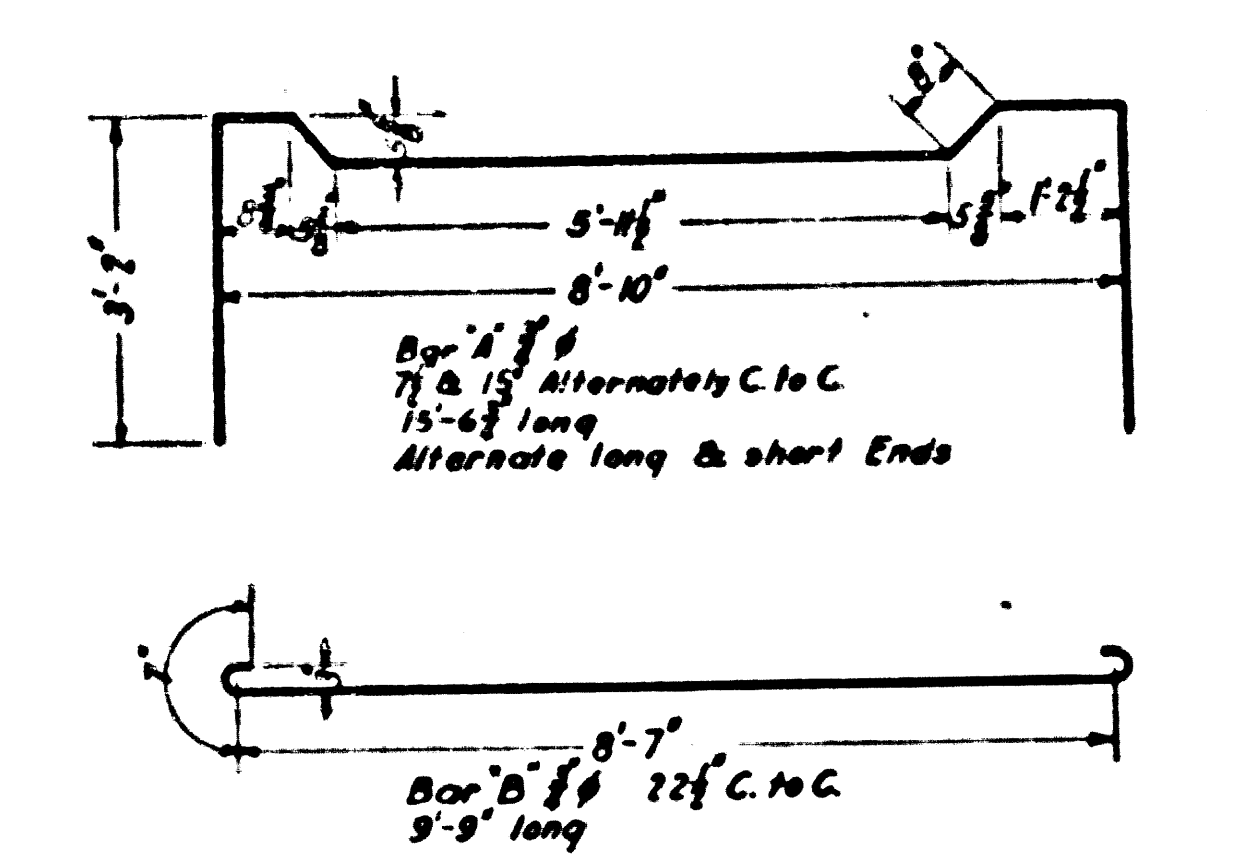
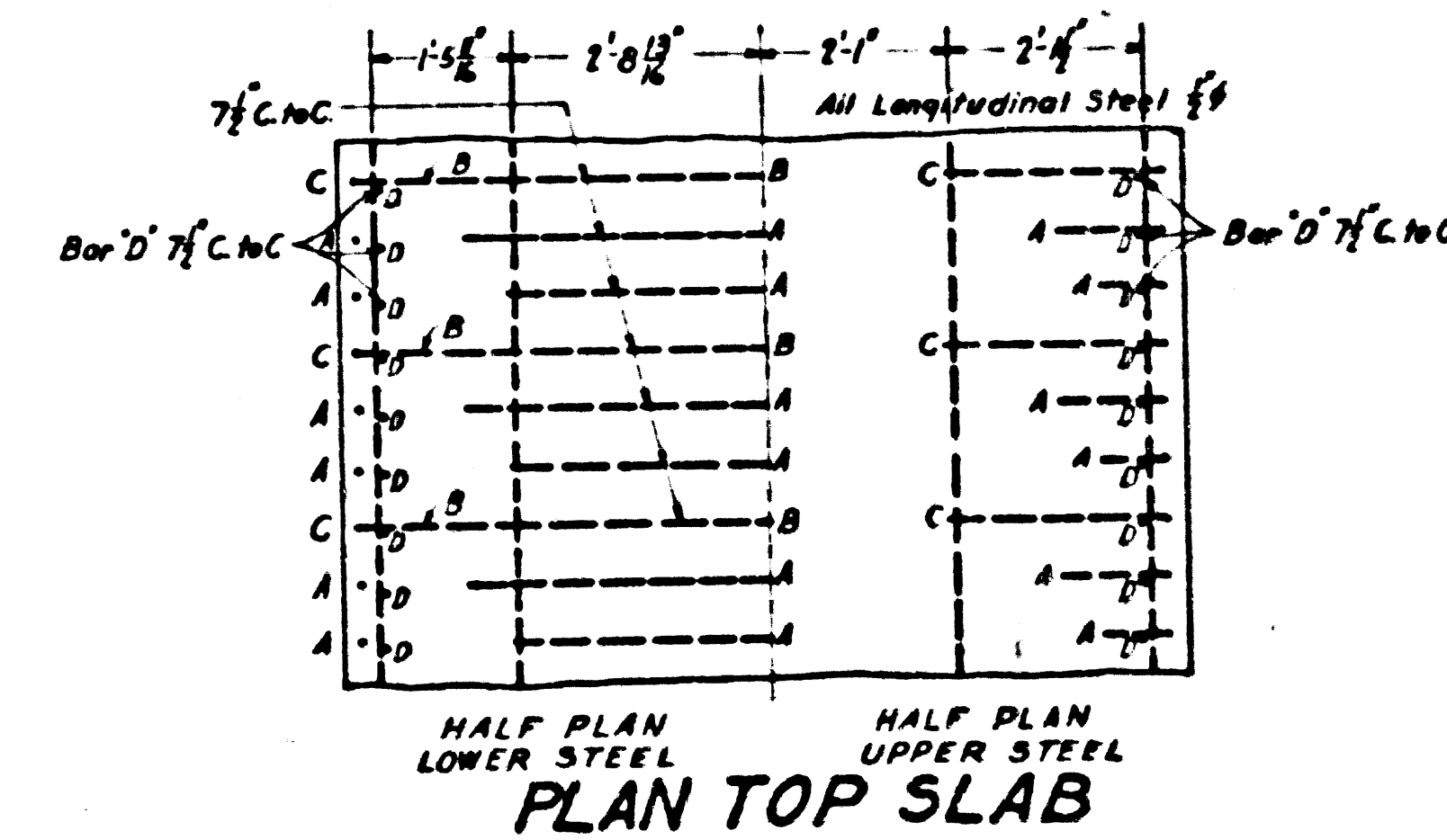
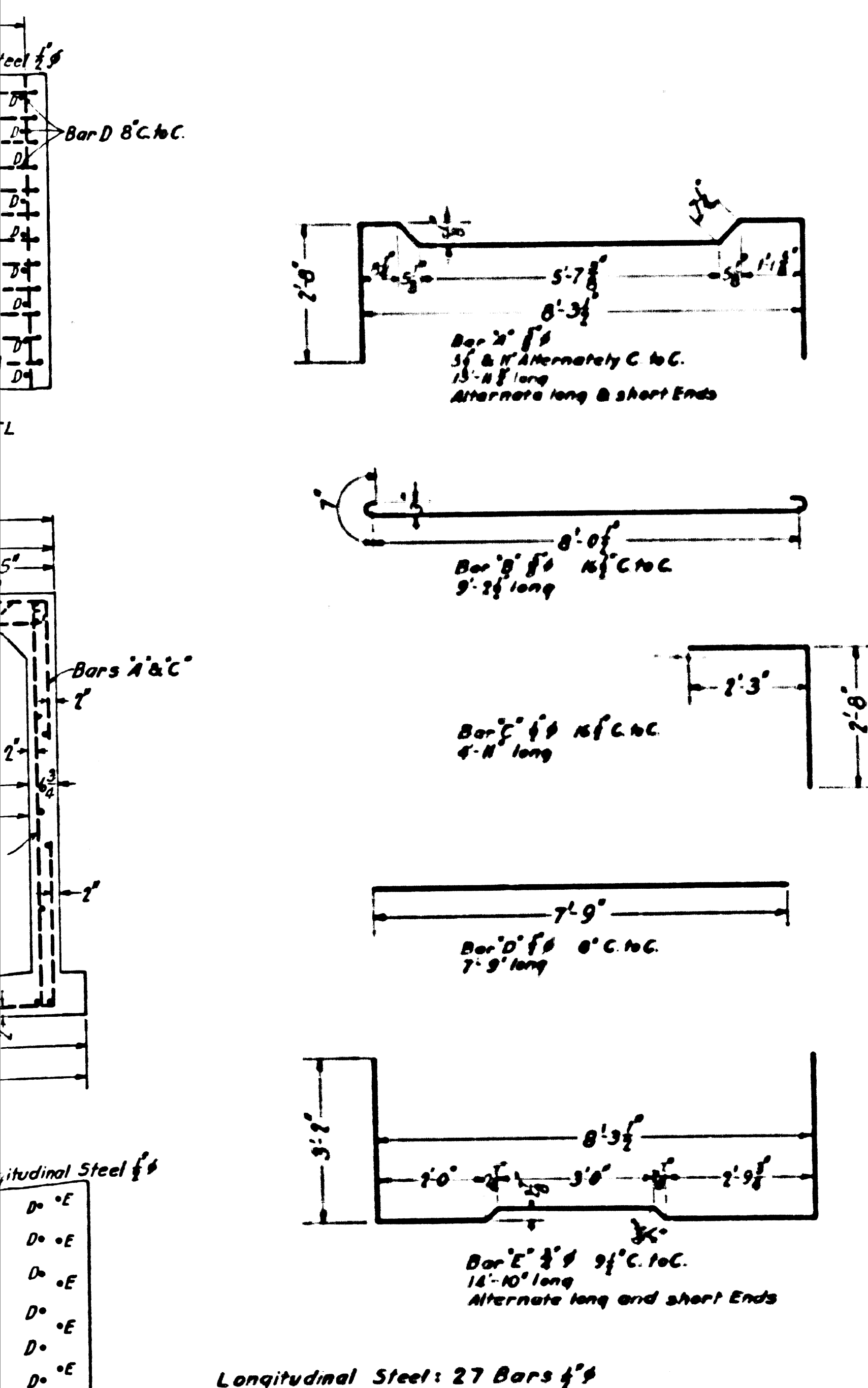
Section XV from Station 180+24 to Station 198+80 of Glen Ave., Trunk Sheet 4.
 Total Length: 188.56 Feet
 Class A1 Concrete: 0.8592 Cubic Yards per Foot
 Reinforcing Steel: 64,538.8 Pounds per Foot (on tangent)
 Top Slab: Cover 4"; Total Load 991 Lbs. per Sq. Foot
 Dimensions to Reinforcing Steel refer to Center Lines.

REINFORCED CONCRETE
BOX 6'-9" x 8'-0"
SECTION XIII
FROM STATION 199+97.04 TO STATION 202+00
OF GLEN AVE., TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/4"=1'

REINFORCED CONCRETE
BOX 7'-0" x 8'-0"
SECTION XIV
FROM STATION 198+80 TO STATION 199+87.71
OF GLEN AVE., TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/4"=1'

REINFORCED CONCRETE
BOX 7'-0" x 8'-0"
SECTION XV
FROM STATION 180+24 TO STATION 198+80
OF GLEN AVE., TRUNK
 ALL CONCRETE TO BE CLASS A1
 SCALE 1/4"=1'

CSB-117-19
 A3 OF A9



Section XII from Station 202+00 to Station 211+0039 of Glen Ave., Trunk, Sheet 4
Total Length 900.39 Feet
Class A1 Concrete: 0.8579 Cubic Yards per Foot
Reinforcing Steel: 102.6950 Pounds per Foot (on Tangent)
Top Slab: Cover 4": Total Load 1087.81 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-9" x 8'-0"
SECTION XII
FROM STATION 202+00 TO STATION 211+00.39
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/4"=1'

Section XIII from Station 199+97.04 to Station 202+00 of Glen Ave., Trunk, Sheet 4
Total Length 202.96 Feet
Class A1 Concrete: 0.8583 Cubic Yards per Foot
Reinforcing Steel: 101.2683 Pounds per Foot (on tangent)
Top Slab: Cover 4": Total Load 1058.75 Lbs. per Sq. Foot
Dimensions to Reinforcing Steel refer to Center Lines

REINFORCED CONCRETE
BOX 6'-9" x 8'-0"
SECTION XIII
FROM STATION 199+97.04 TO STATION 202+00
OF GLEN AVE., TRUNK
ALL CONCRETE TO BE CLASS A1
SCALE 1/4"=1'

CSB-1171-19
A4 OF A9