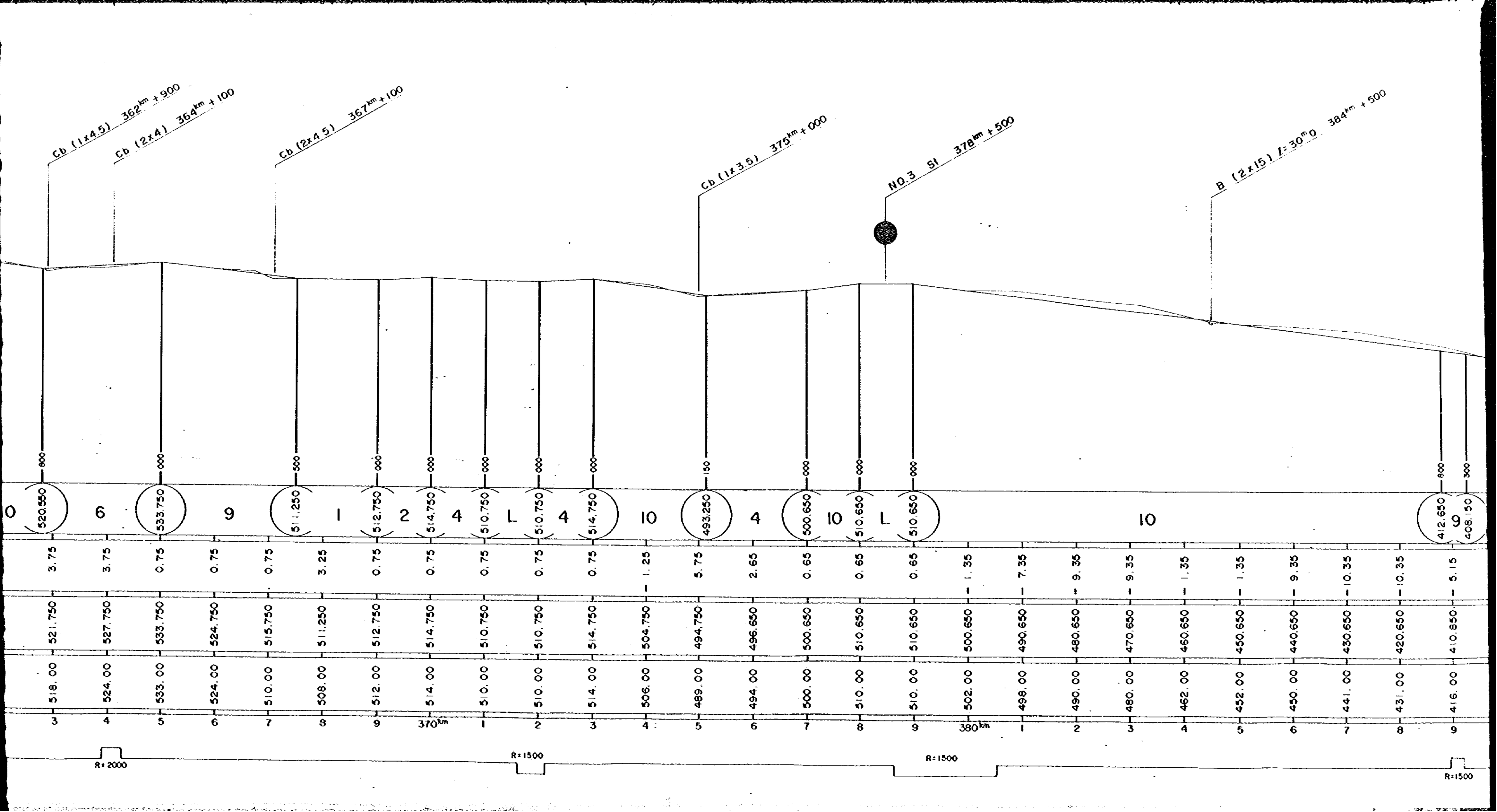


R: 2000



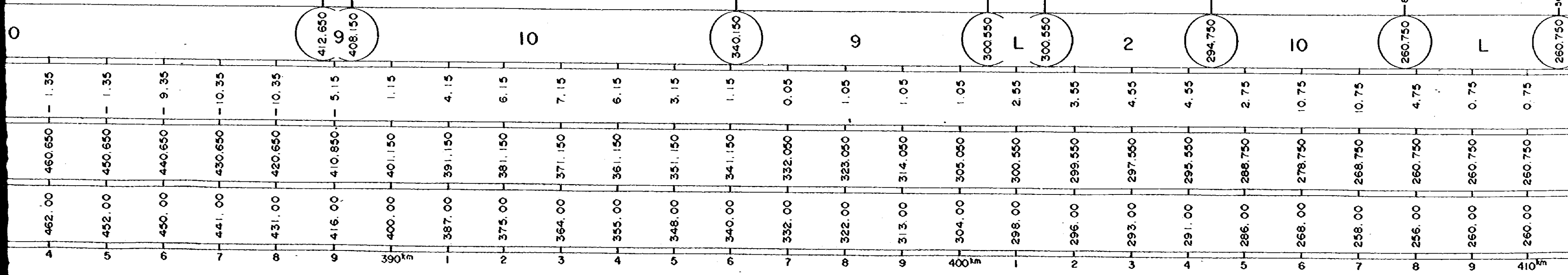
B (2x15) $\angle=30^{\circ}$ 384^{km} + 500

NO.4 St 401^{km} + 000

B (7x20) $\angle=140^{\circ}$ 404^{km} + 500

Cb (1x35) 406^{km} + 500

B (8x20) $\angle=160^{\circ}$ 407^{km} + 500



412.650
408.150

340.150

300.550
300.550

294.750

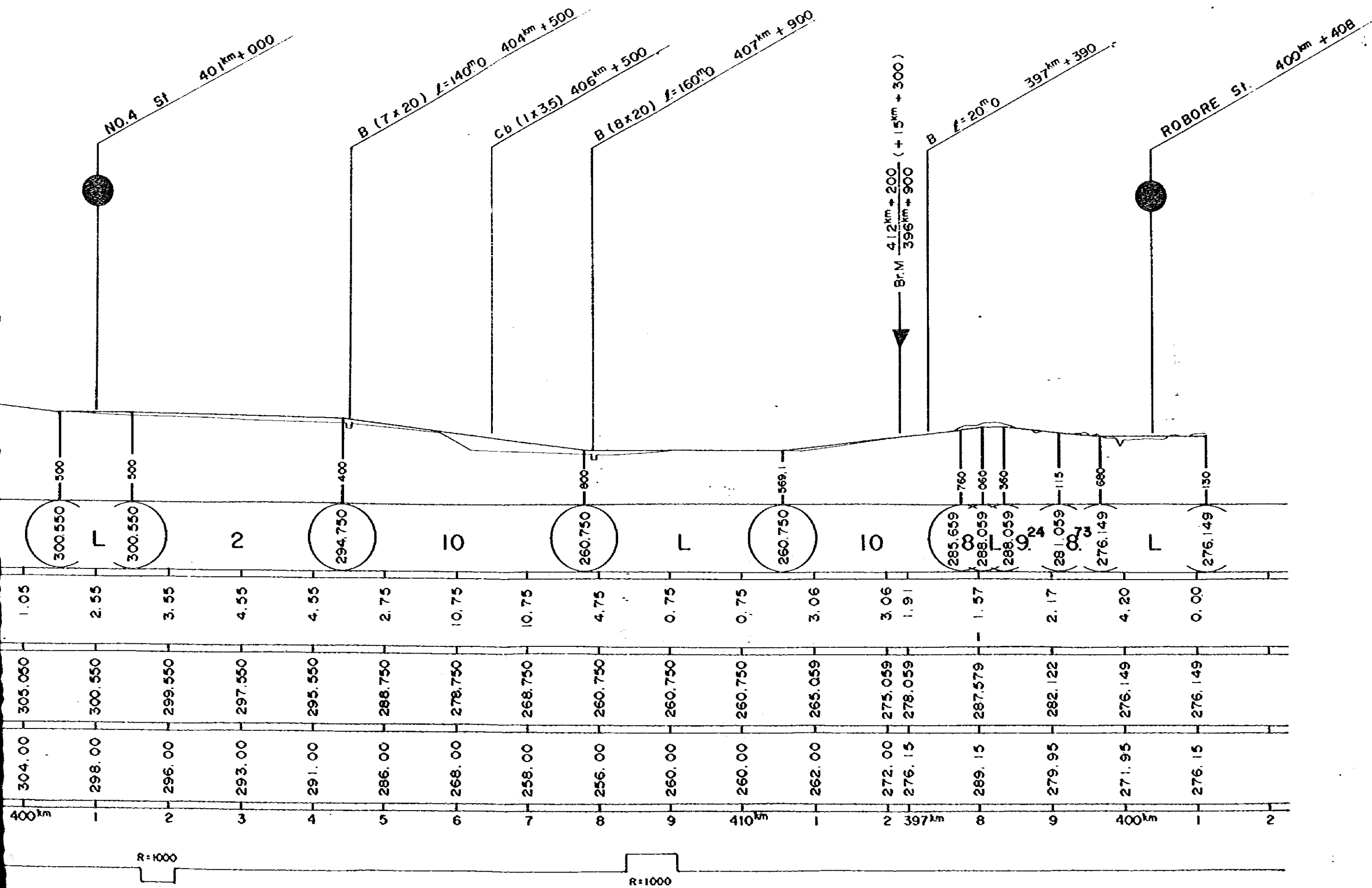
260.750

260.750

R=1500

R=1000

R=1000



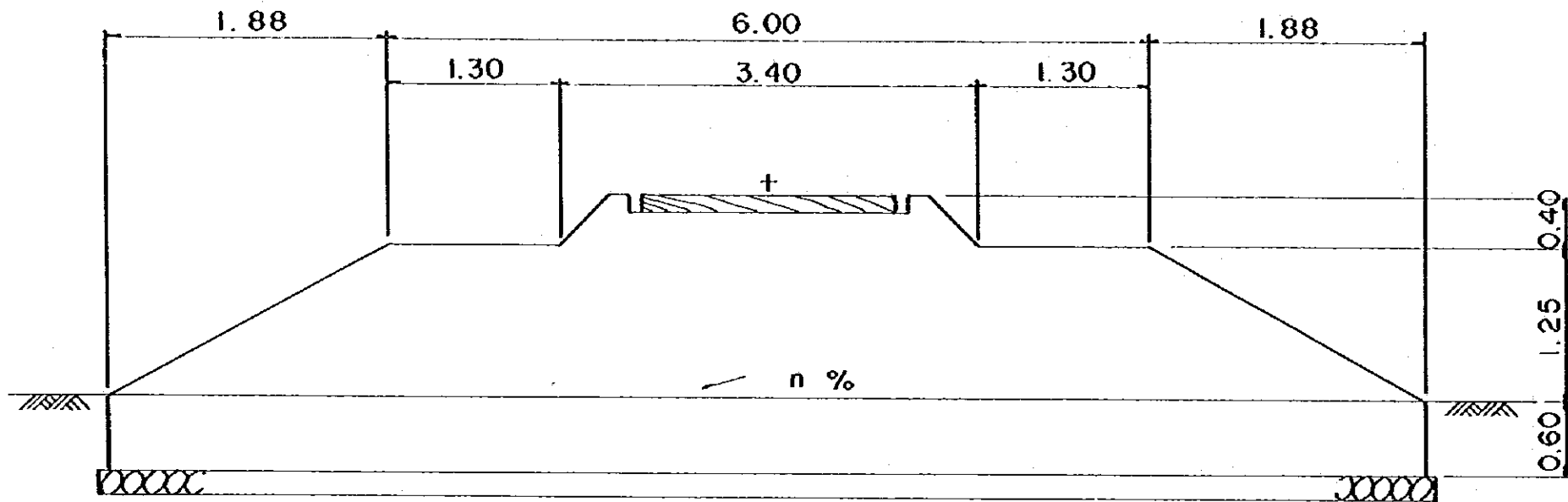
Drawing - 2

Longitudinal Profile

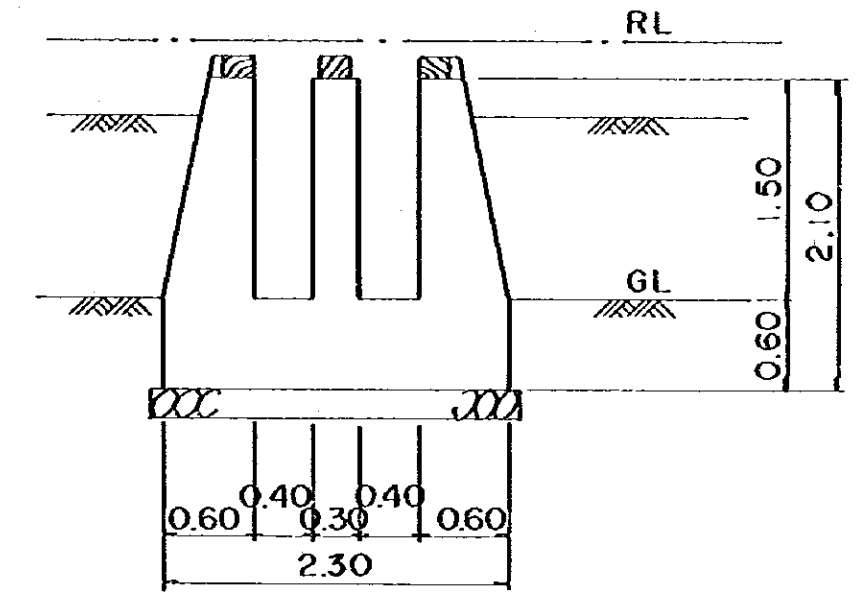
Scale 1 / 50.000

1 / 4.000

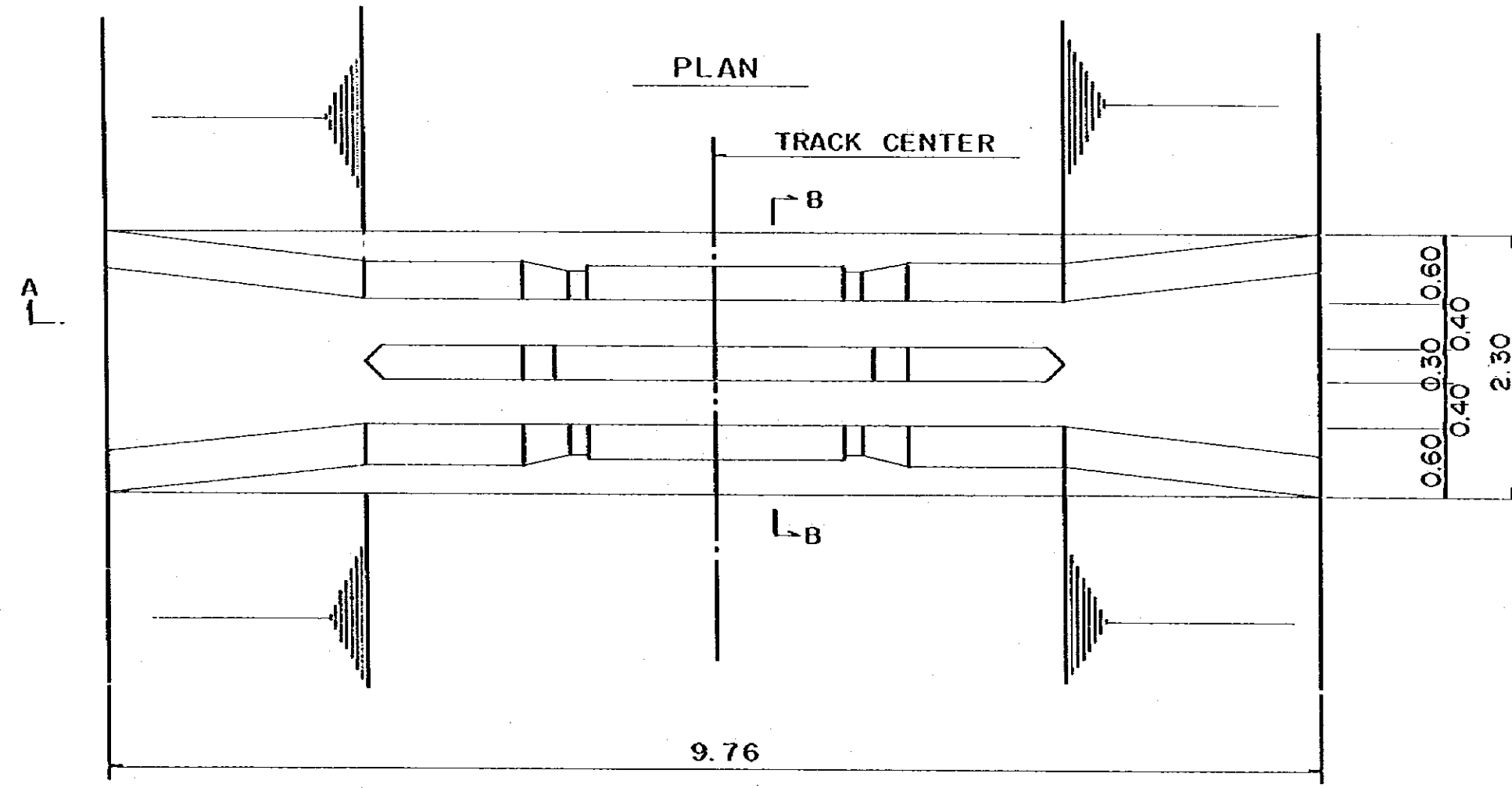
SECTION A-A



SECTION B-B



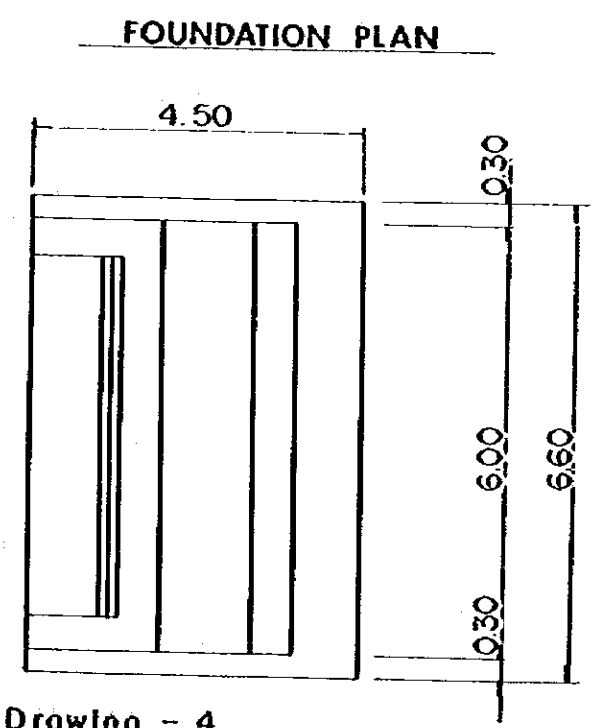
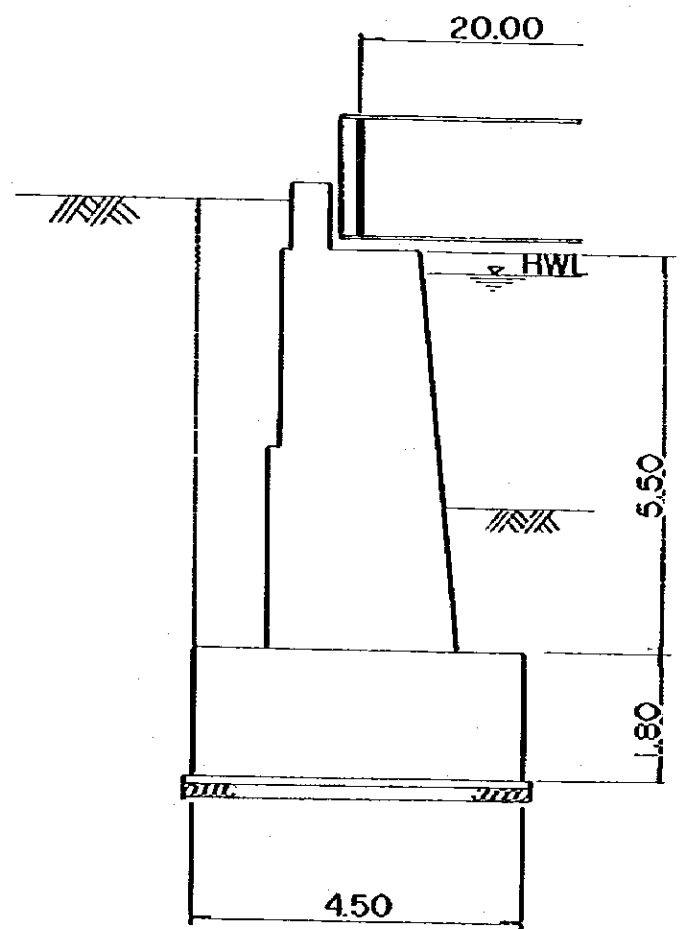
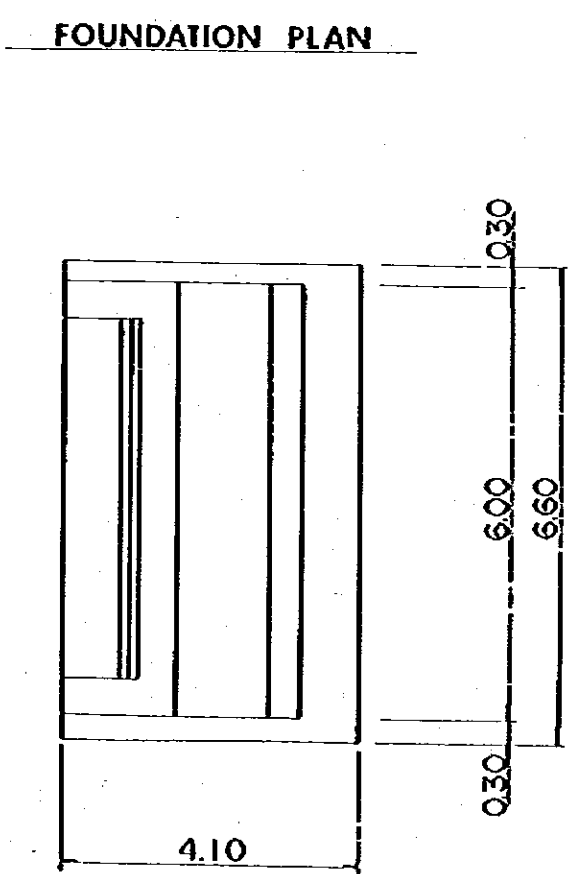
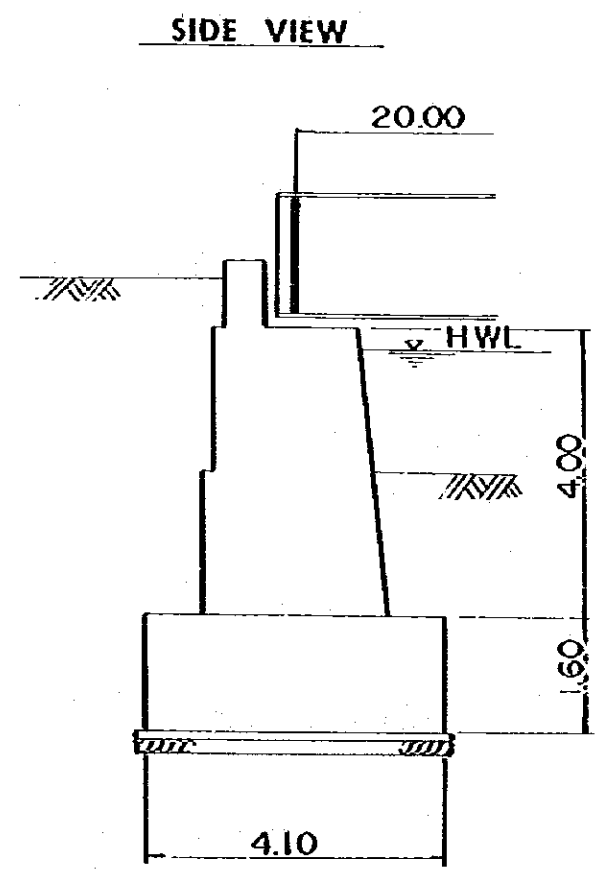
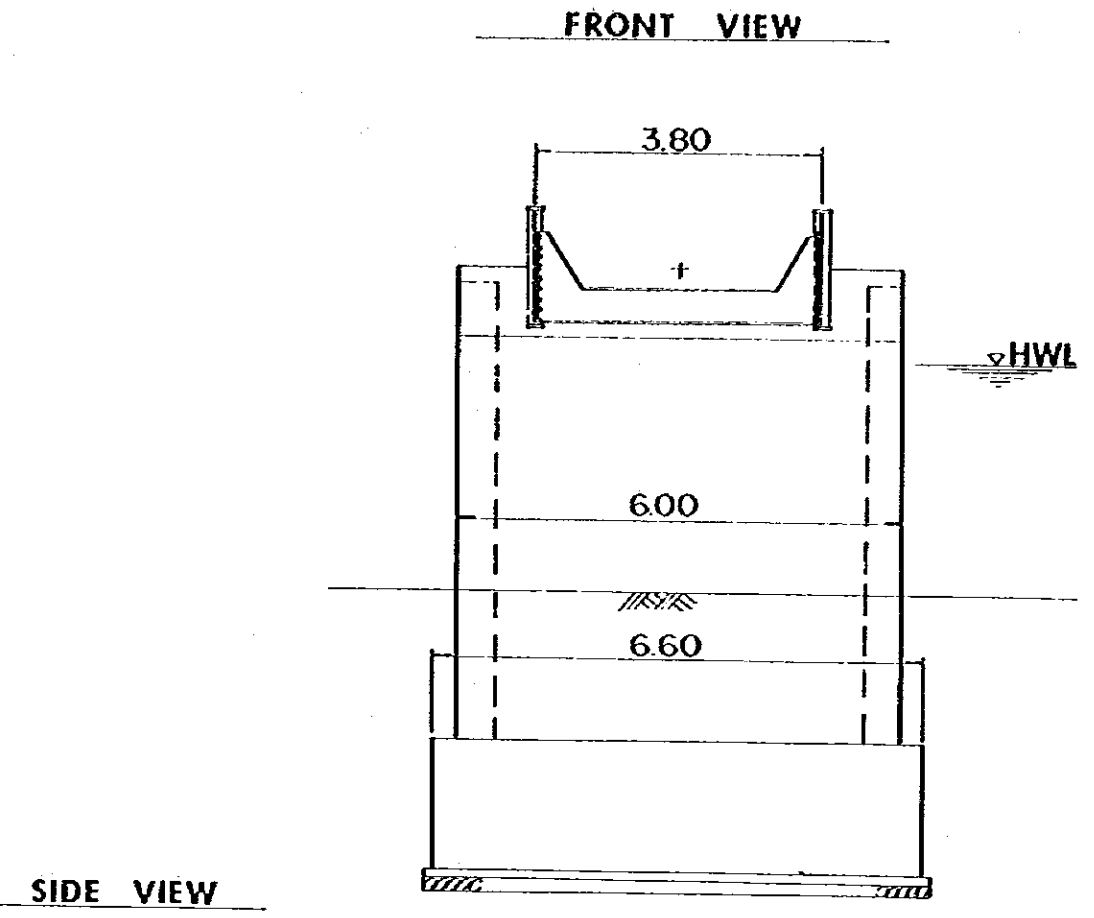
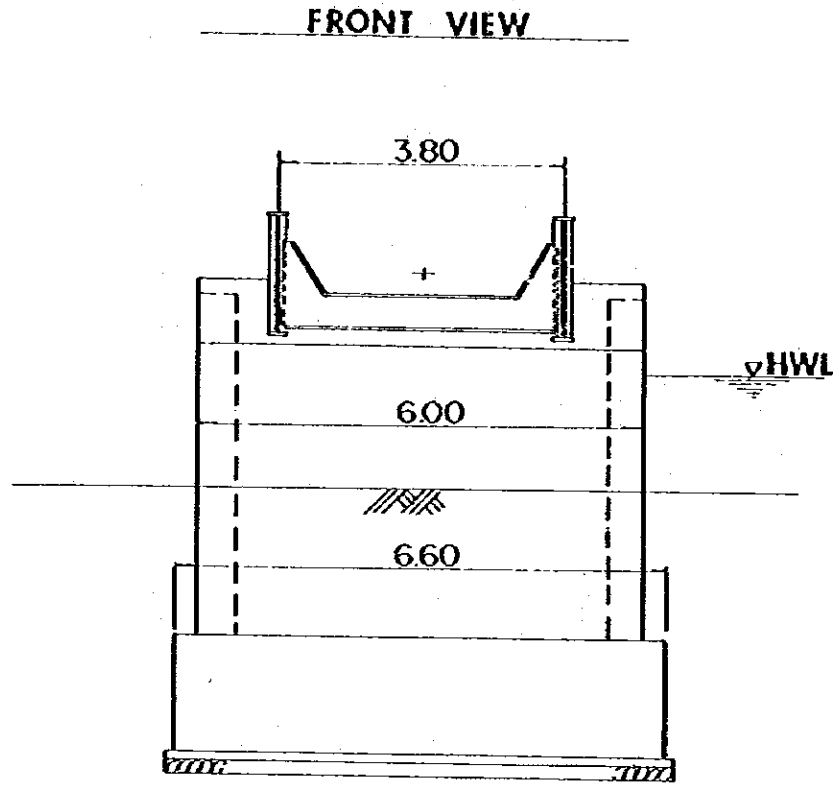
PLAN



Drawing - 3

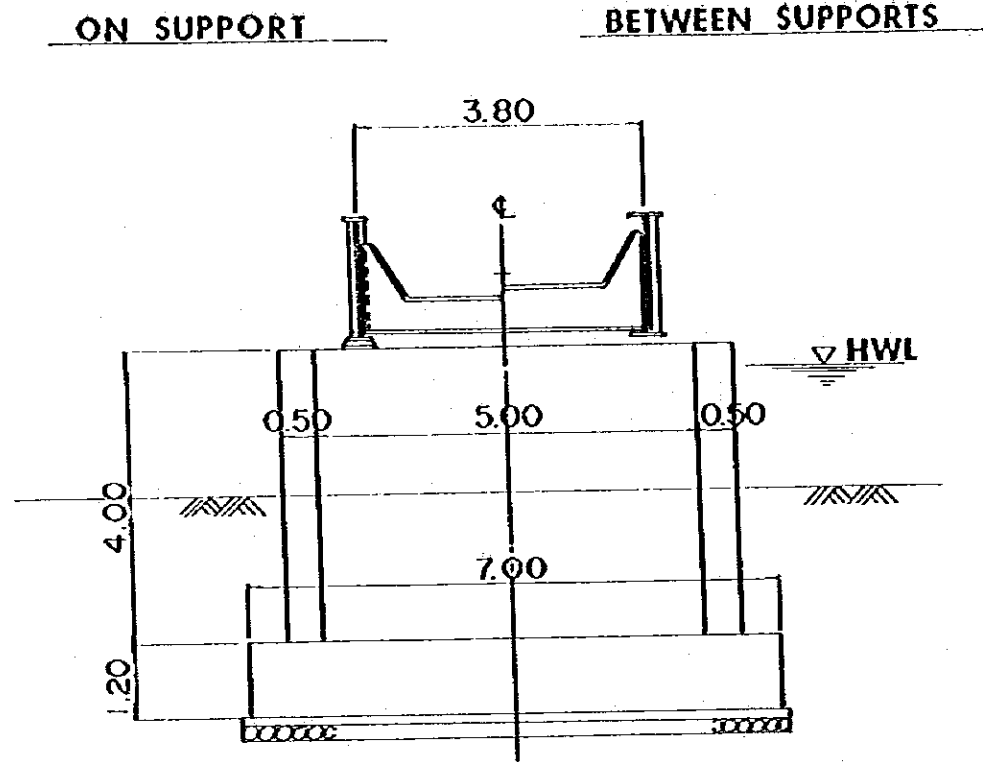
Typical Design of Double Open Culvert

Scale 1 / 50

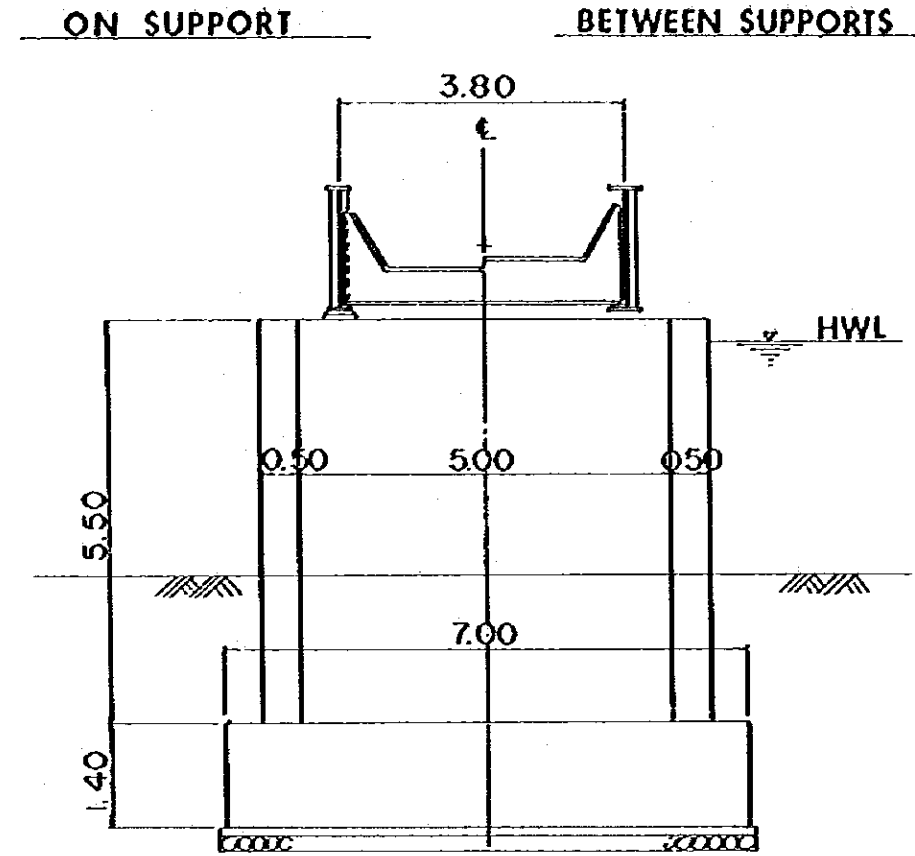


Drawing - 4
Typical Design of Abutment
Scale 1/100

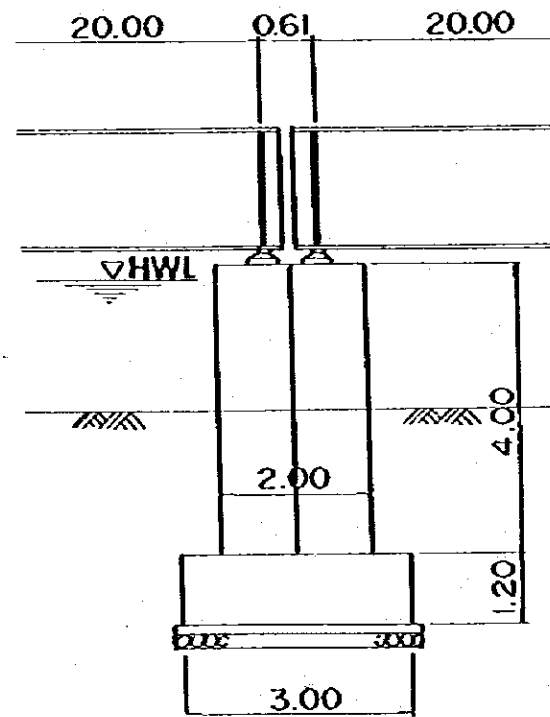
FRONT VIEW



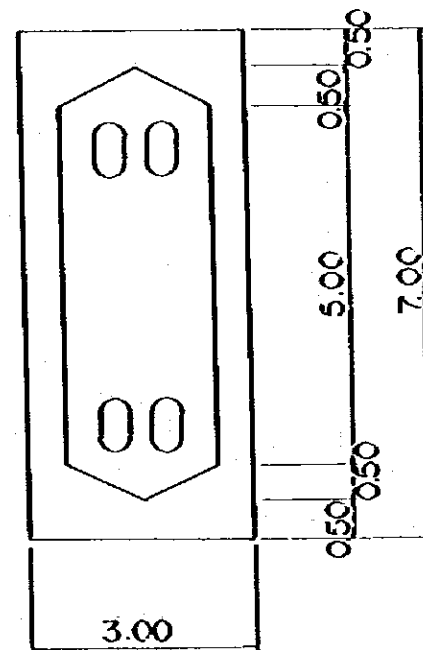
FRONT VIEW



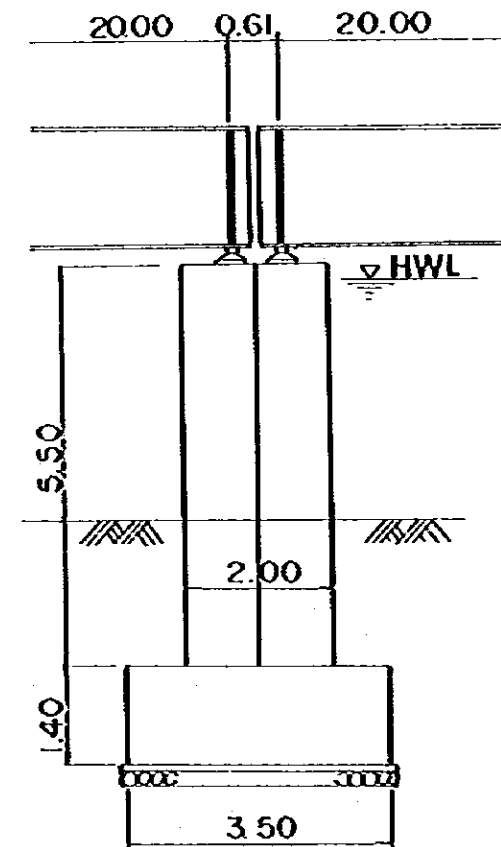
SIDE VIEW



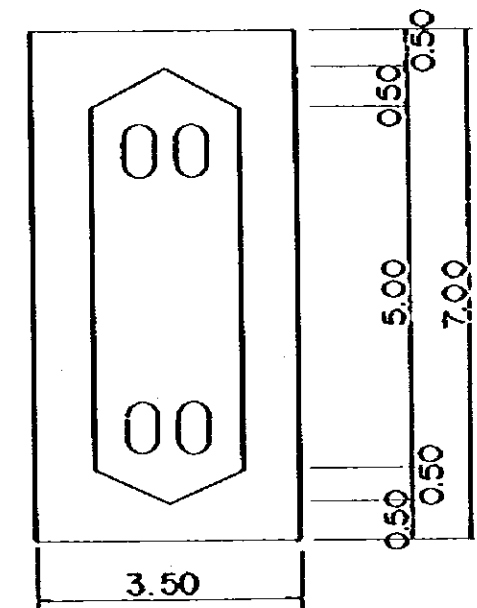
FOUNDATION PLAN



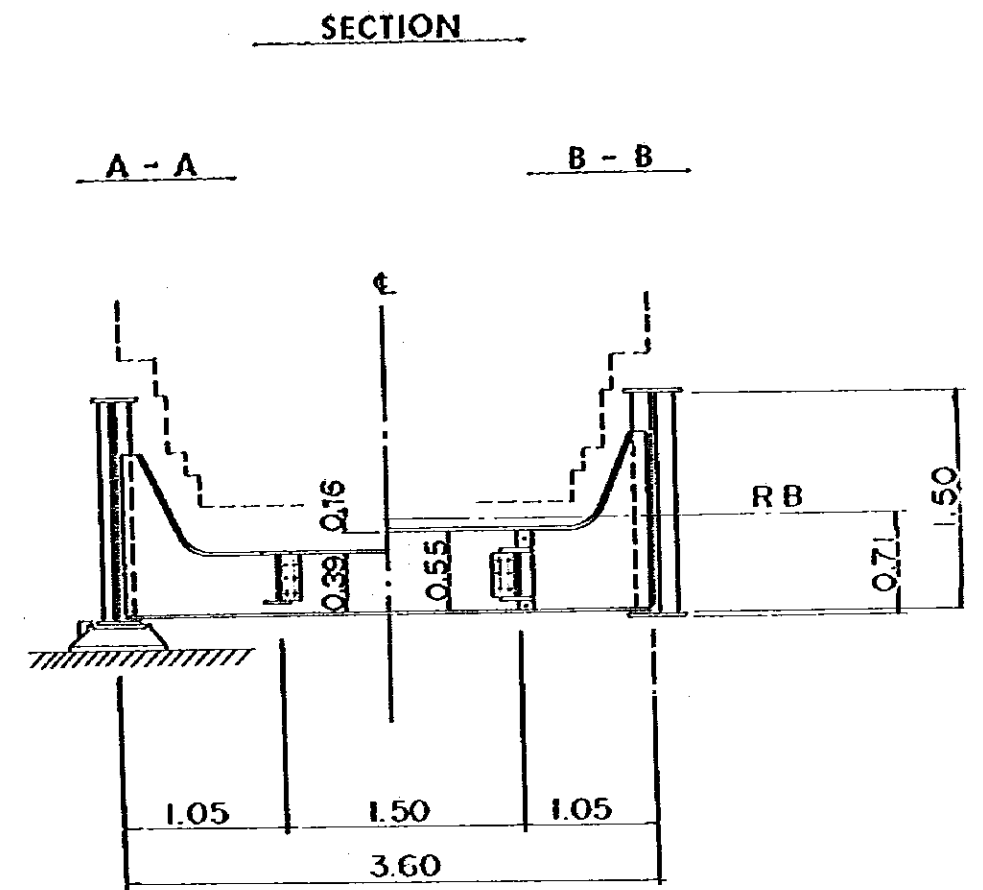
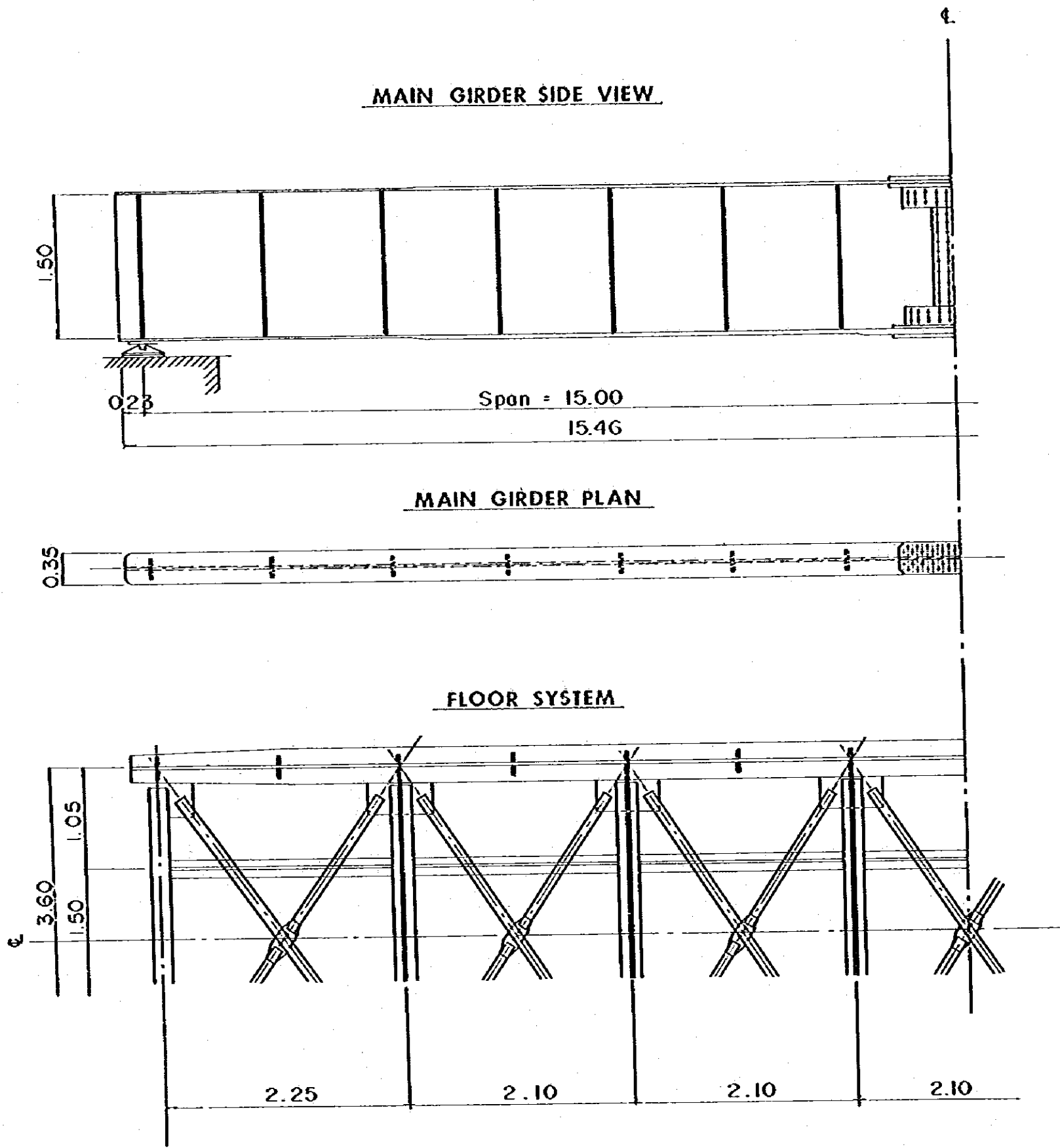
SIDE VIEW



FOUNDATION PLAN



Drawing - 5
 Typical Design of Pier
 Scale 1/100



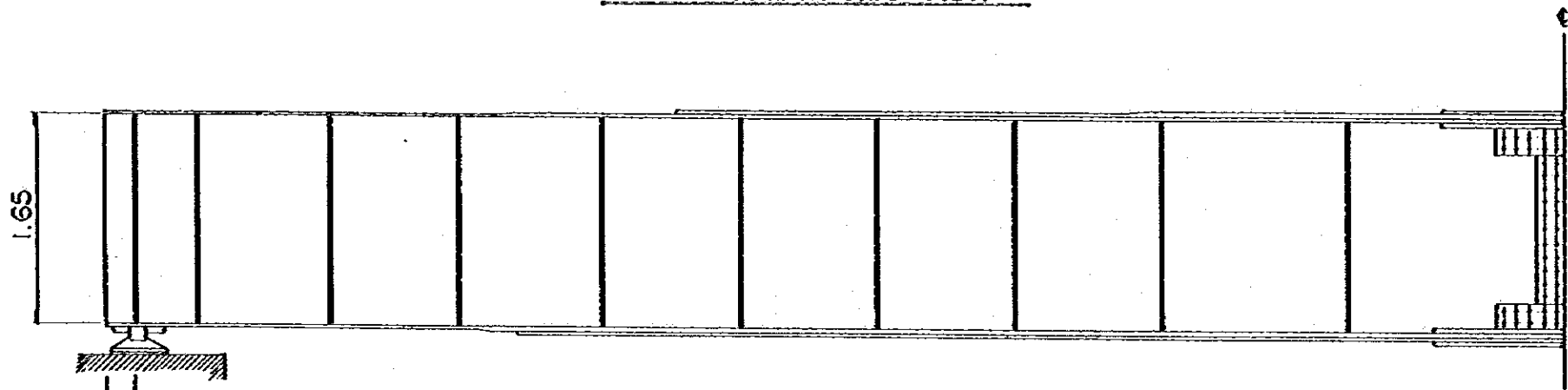
Drawing - 6

Typical Design of Through Girder

(TG - 15)

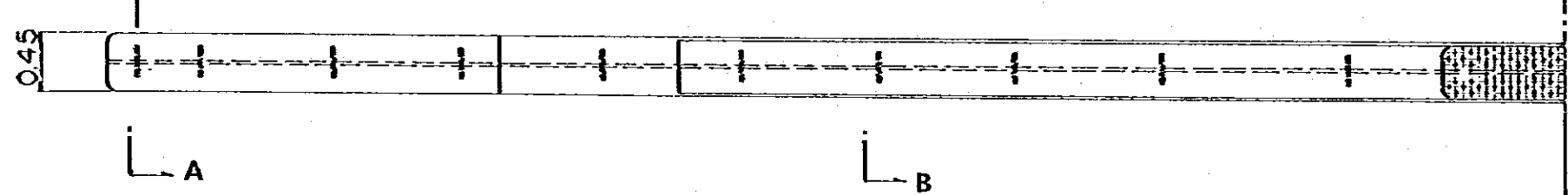
Scale 1 / 50

MAIN GIRDER SIDE VIEW

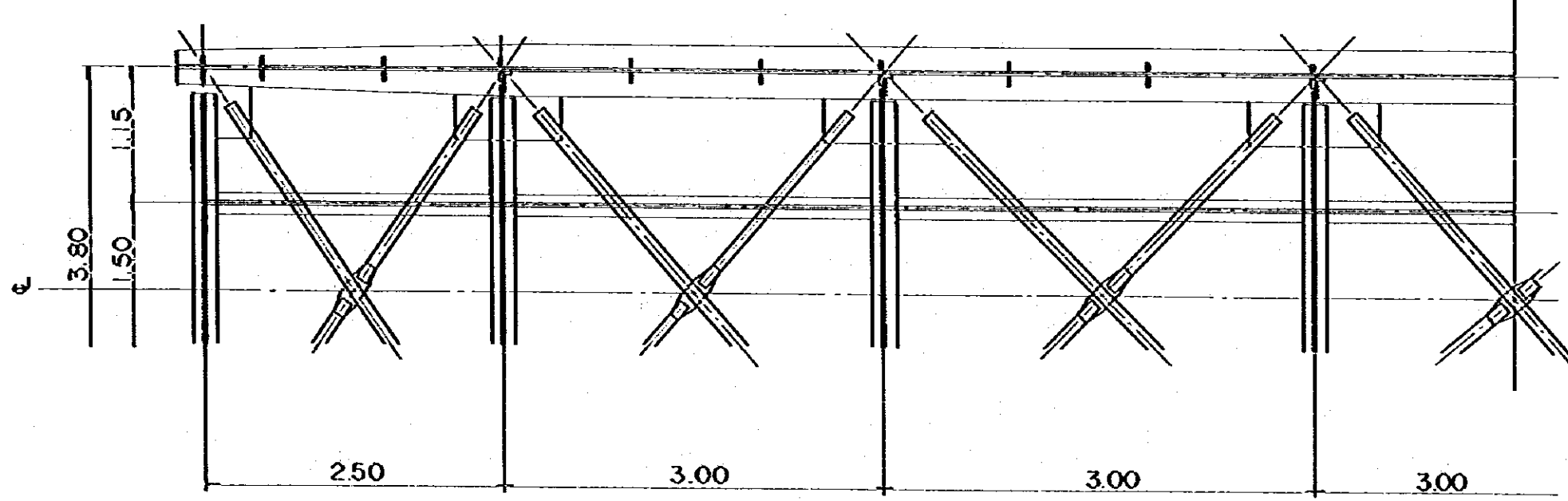


Span = 20.00
20.46

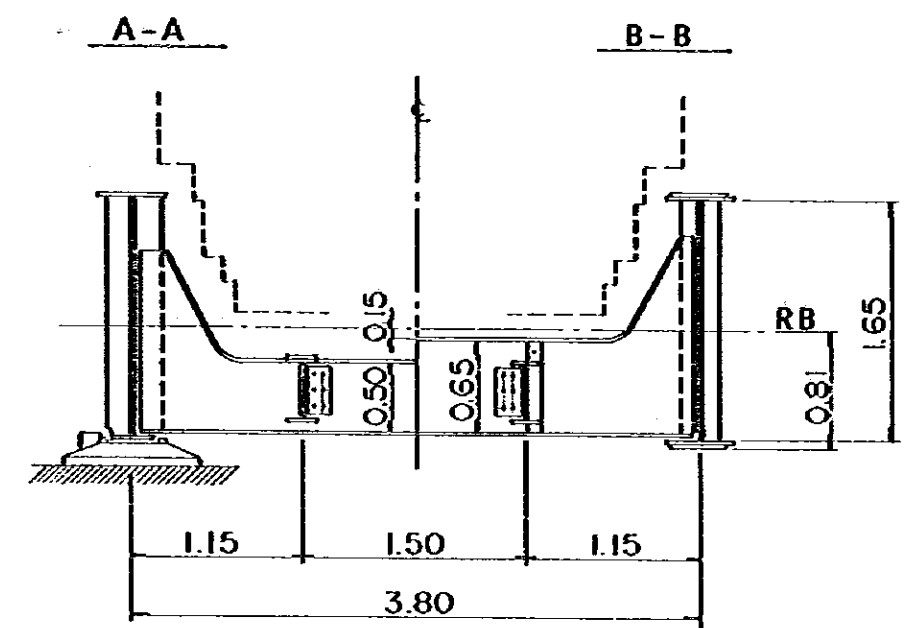
MAIN GIRDER PLAN



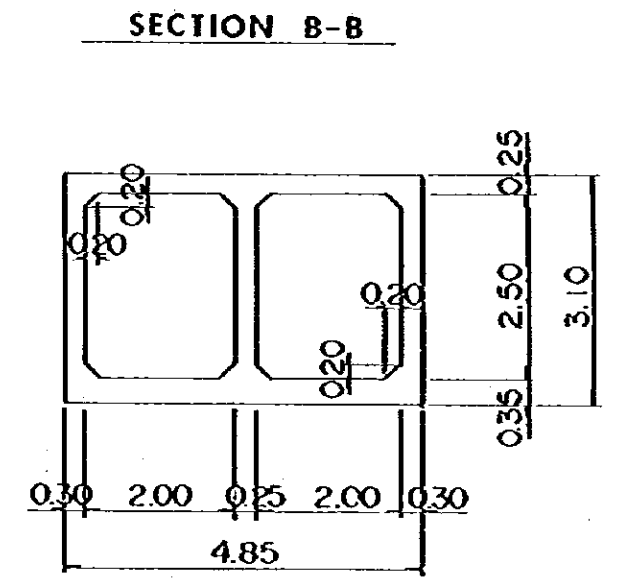
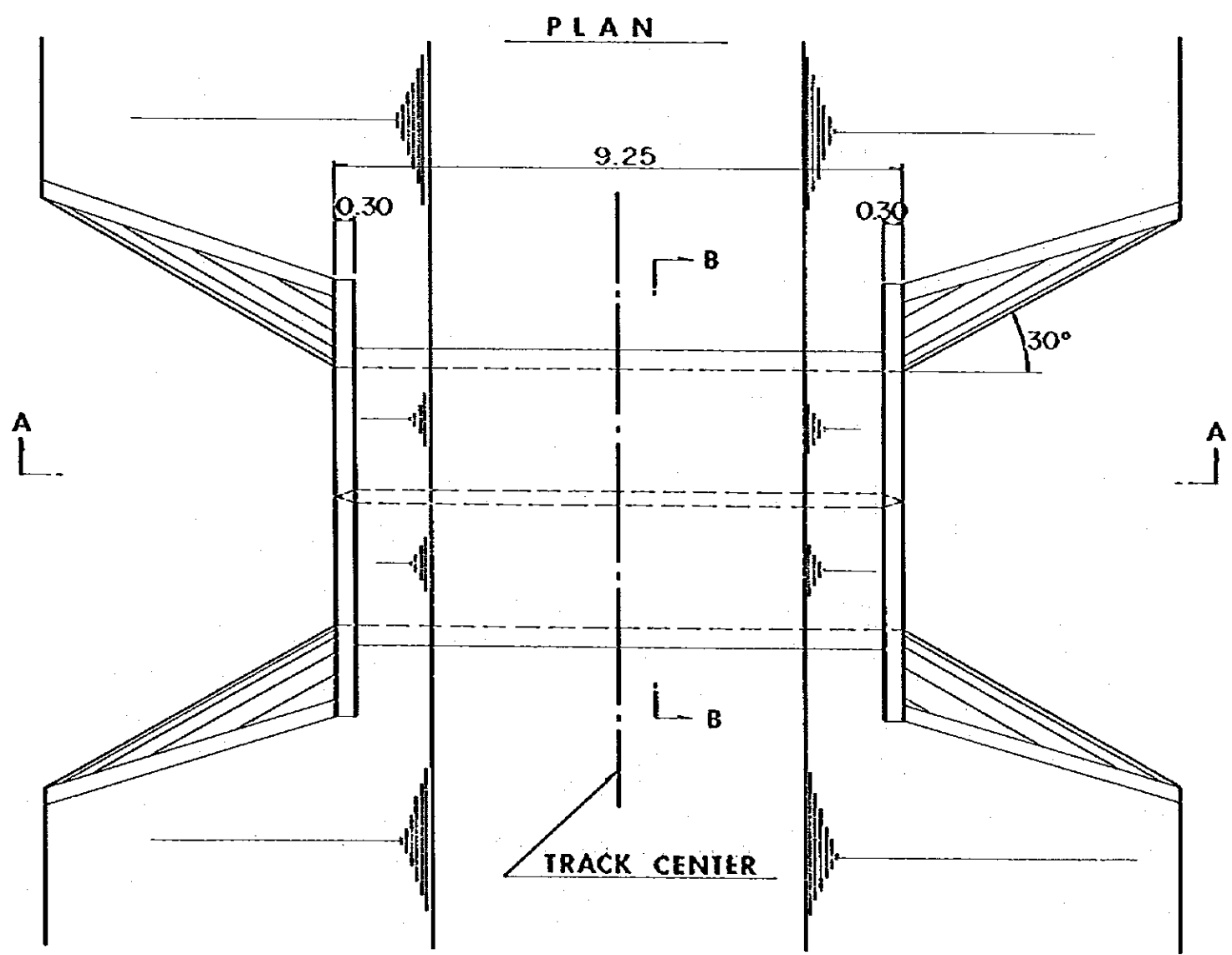
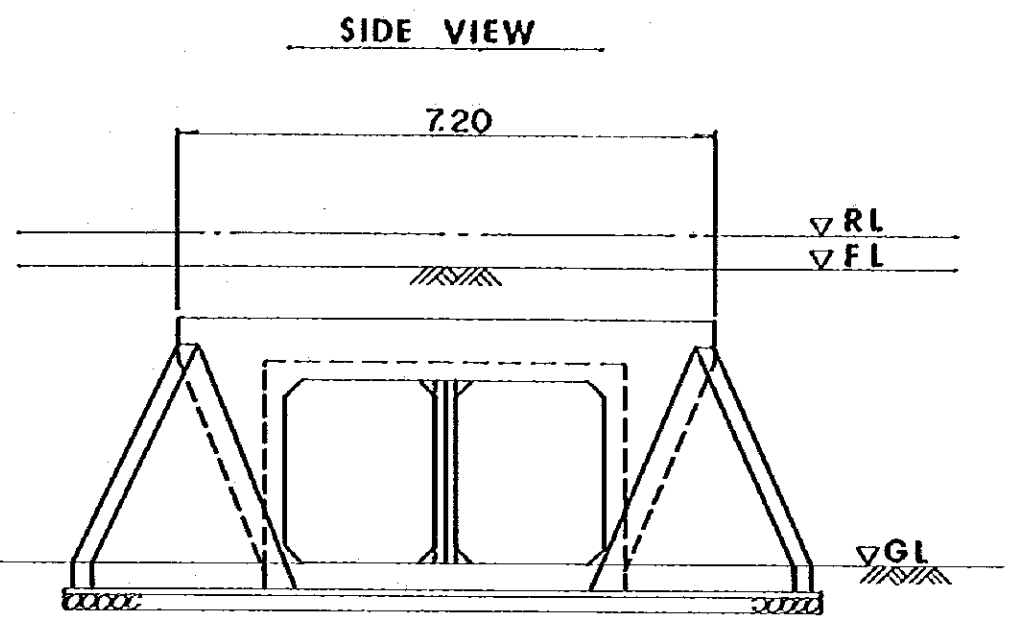
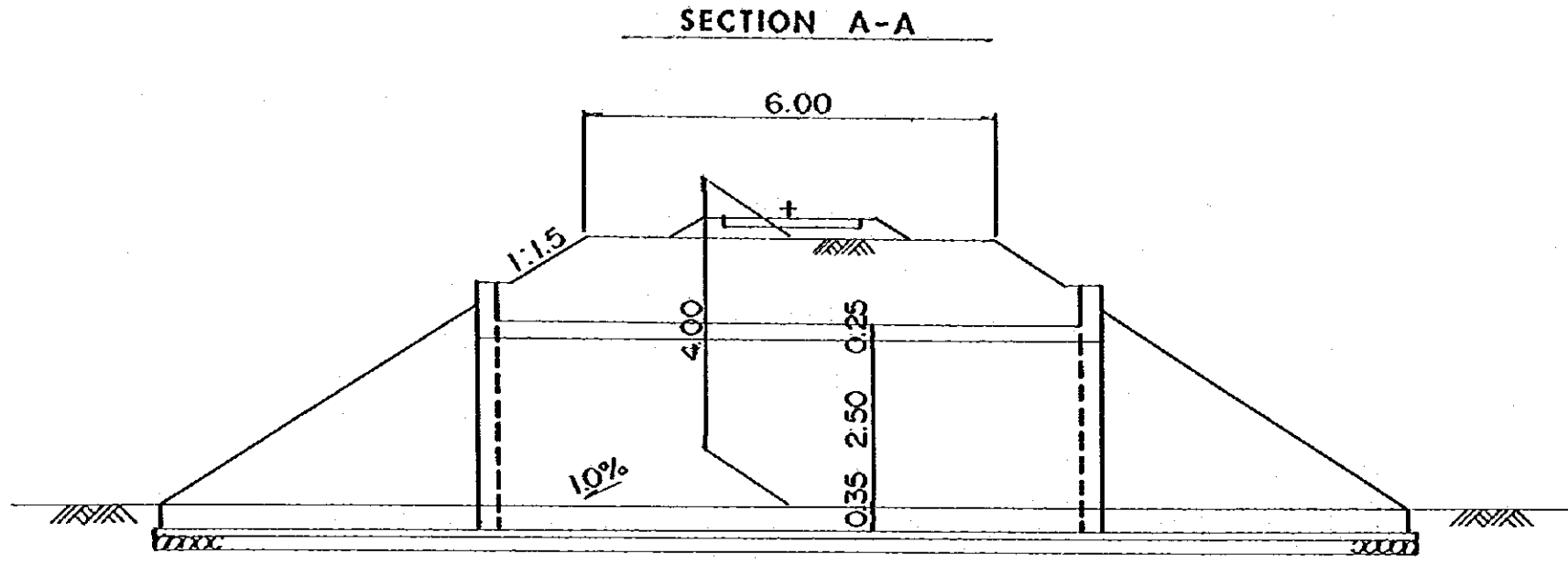
FLOOR SYSTEM



SECTION

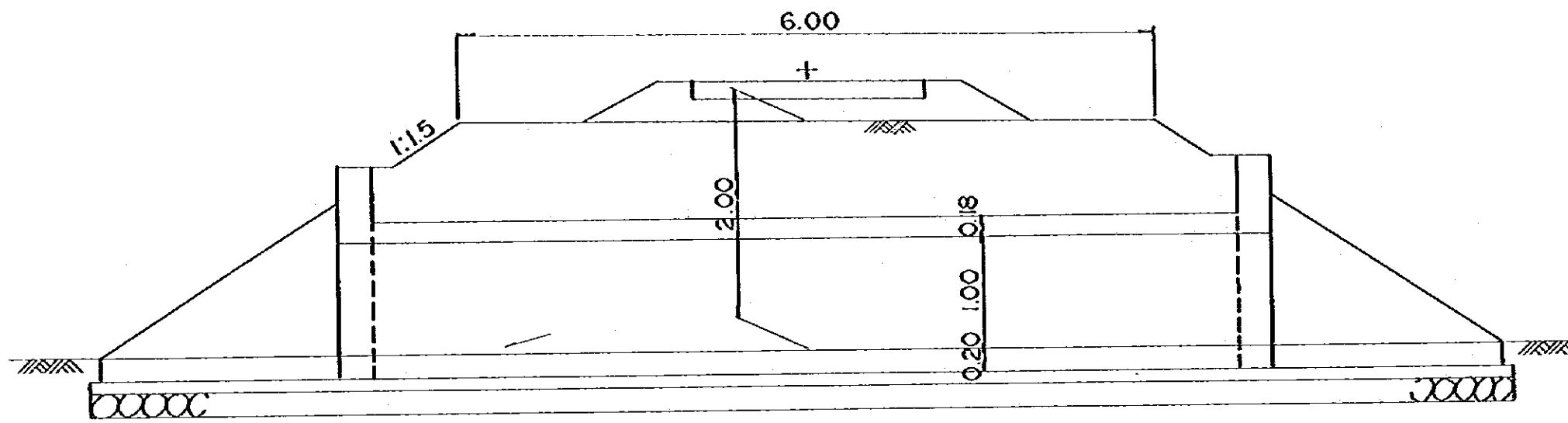


Drawing - 7
Typical Design of Through Girder
(TG - 20)
Scale 1/50

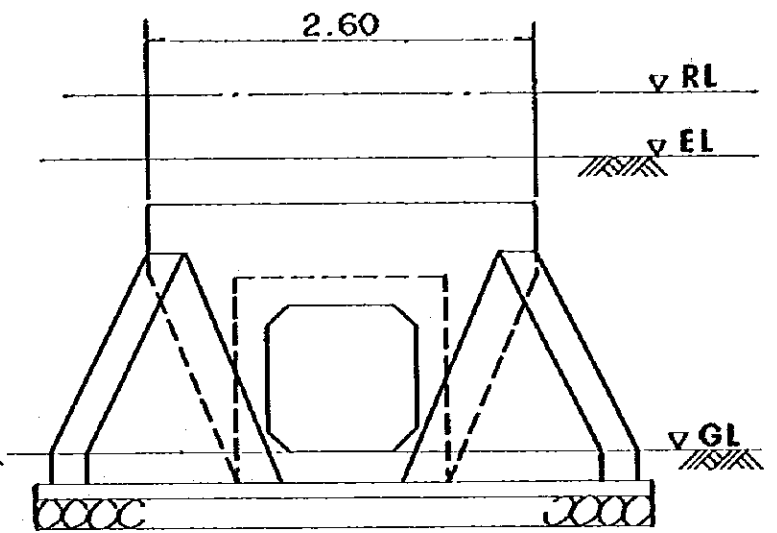


Drawing - 8
 Design of Box Culvert
 Station 312^{km} + 850^m
 Scale 1/100

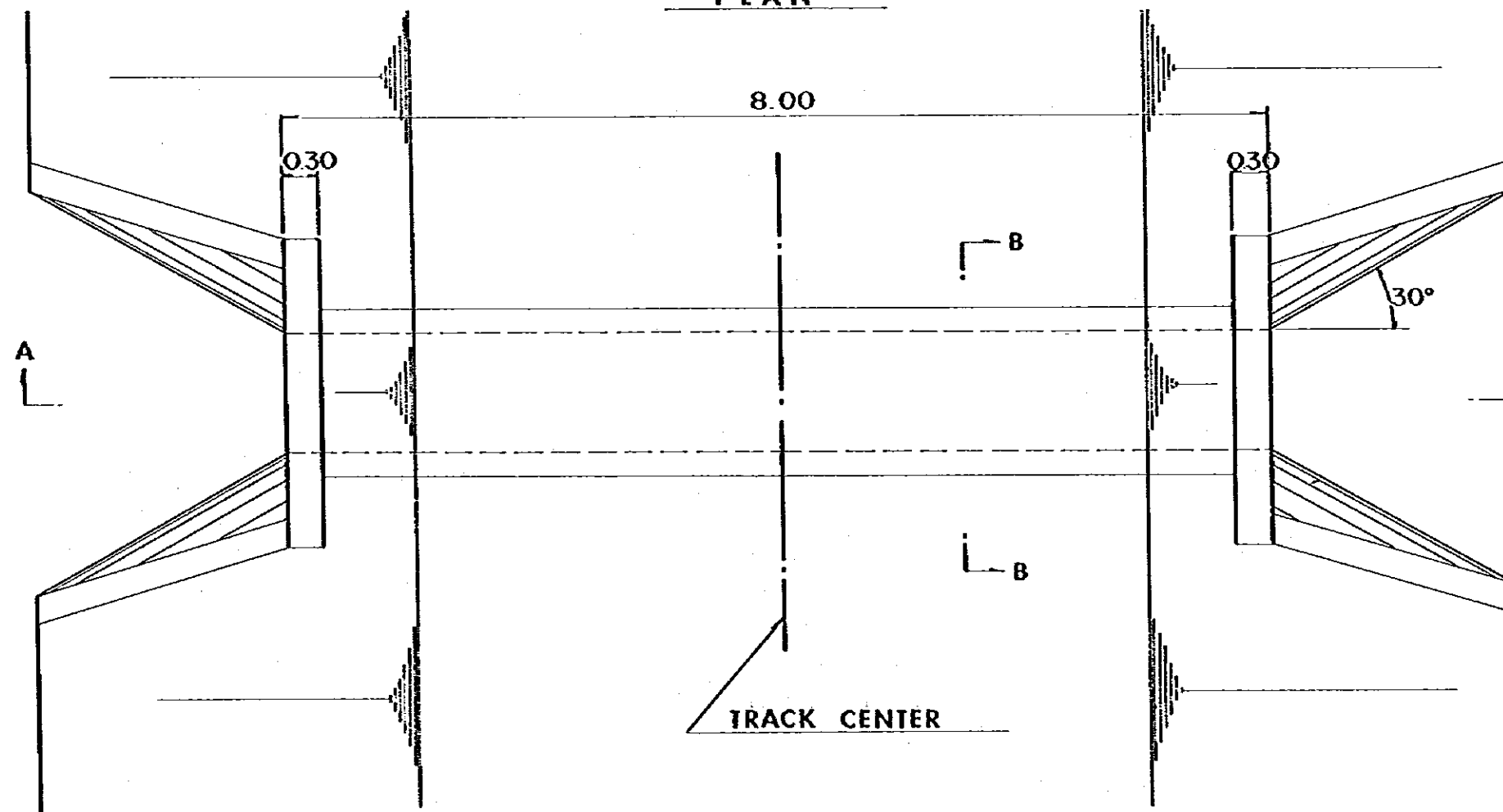
SECTION A-A



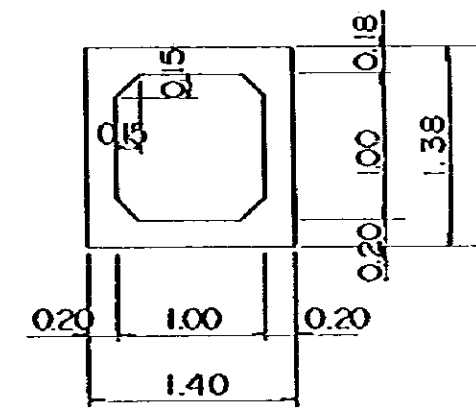
SIDE VIEW



PLAN



SECTION B-B



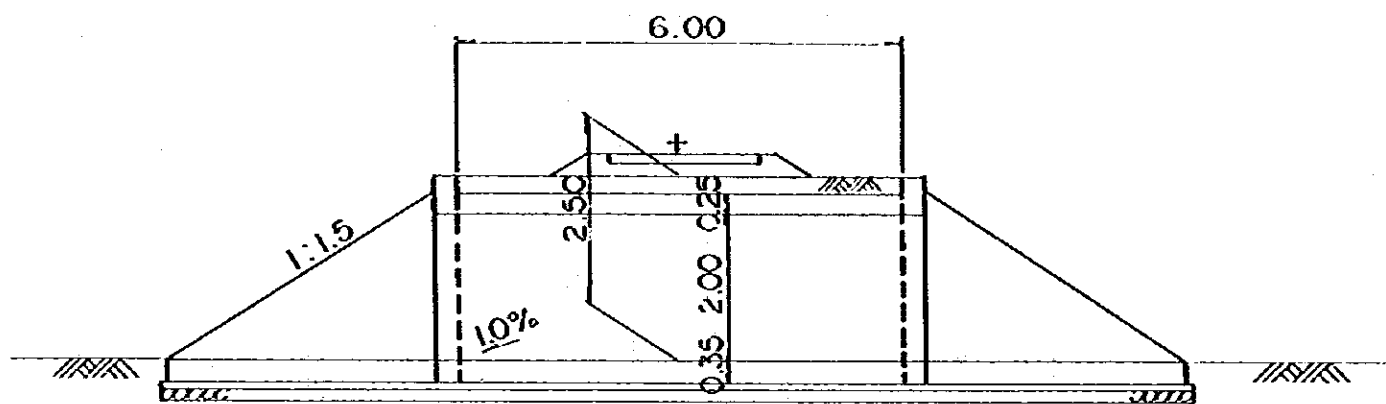
Drawing - 9

Design of Box Culvert

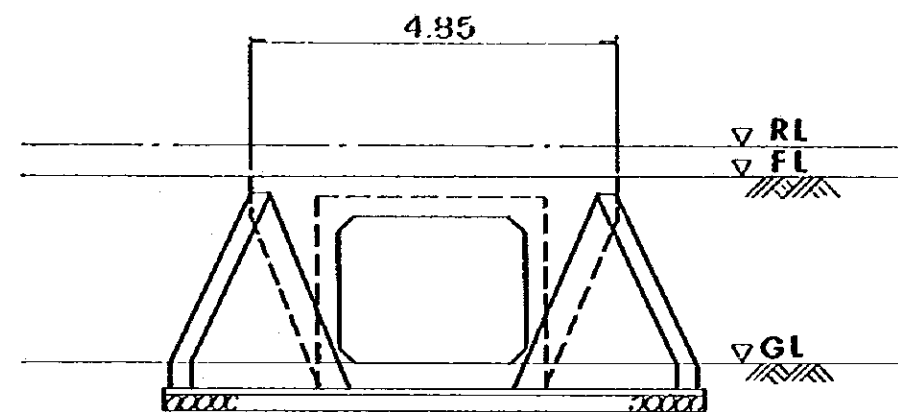
Station 316^{km}+100^m

Scale 1/100

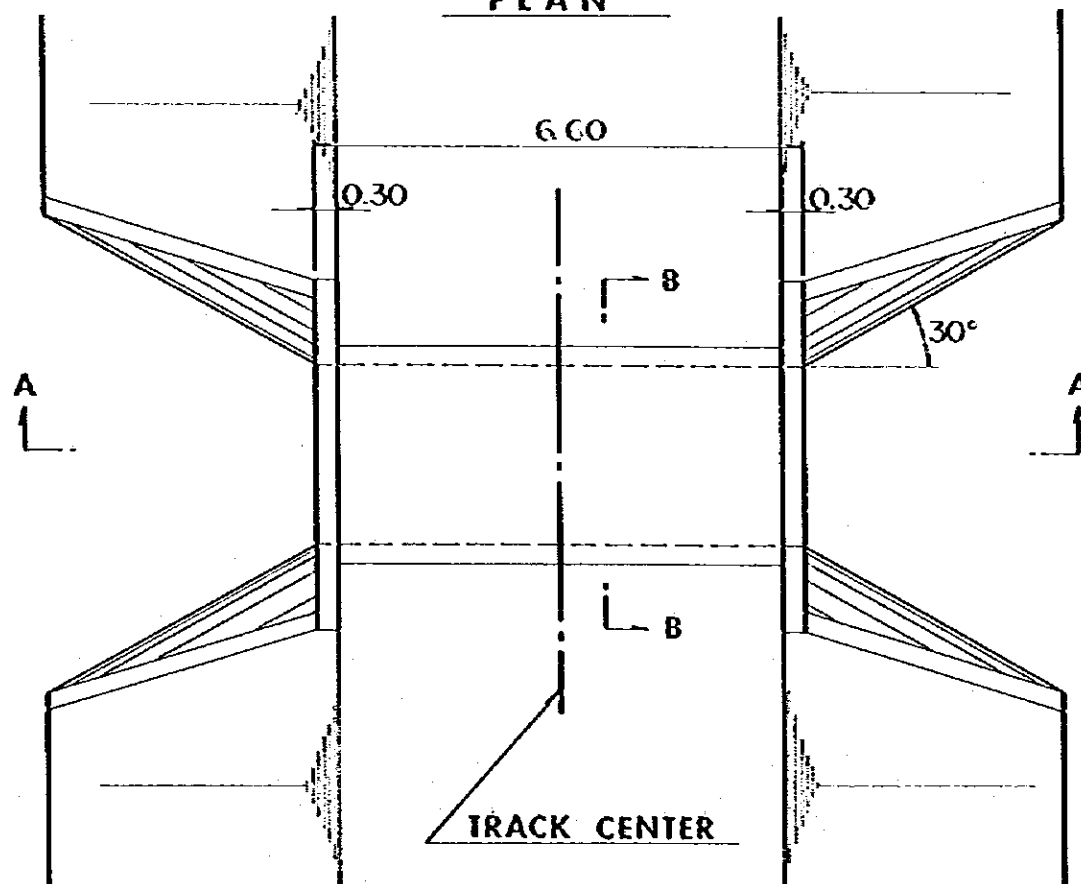
SECTION A-A



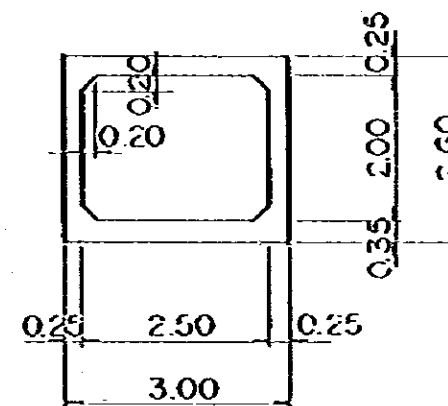
SIDE VIEW



PLAN



SECTION B-B



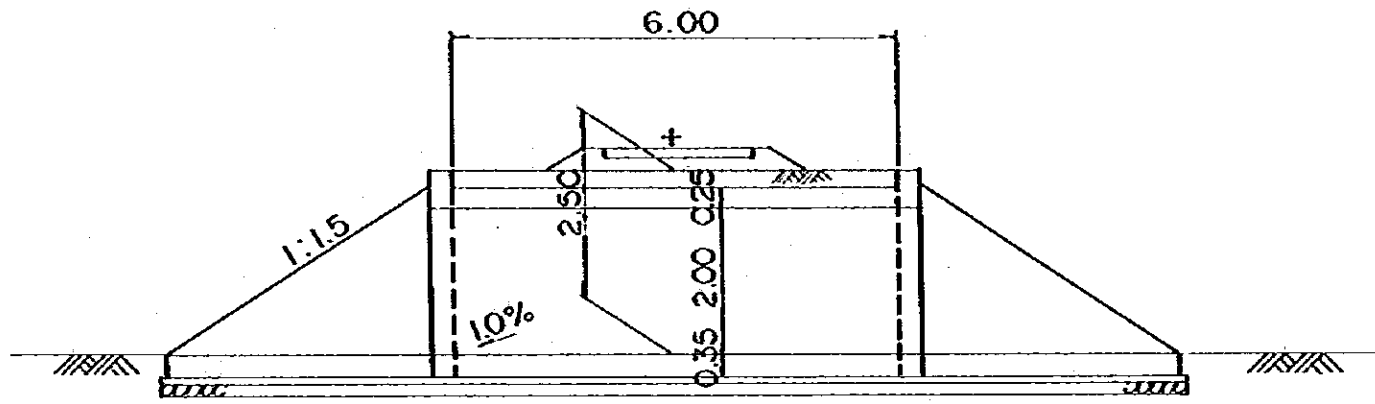
Drawing - 10

Design of Box Culvert

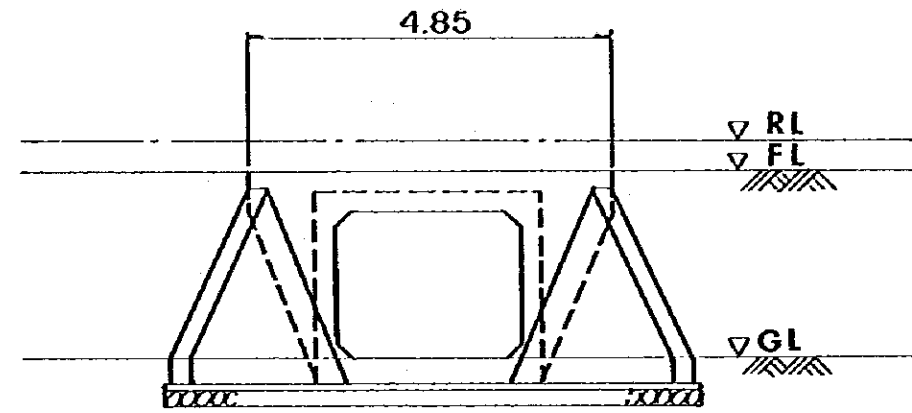
Station 318^{km}+000^m

Scale 1/100

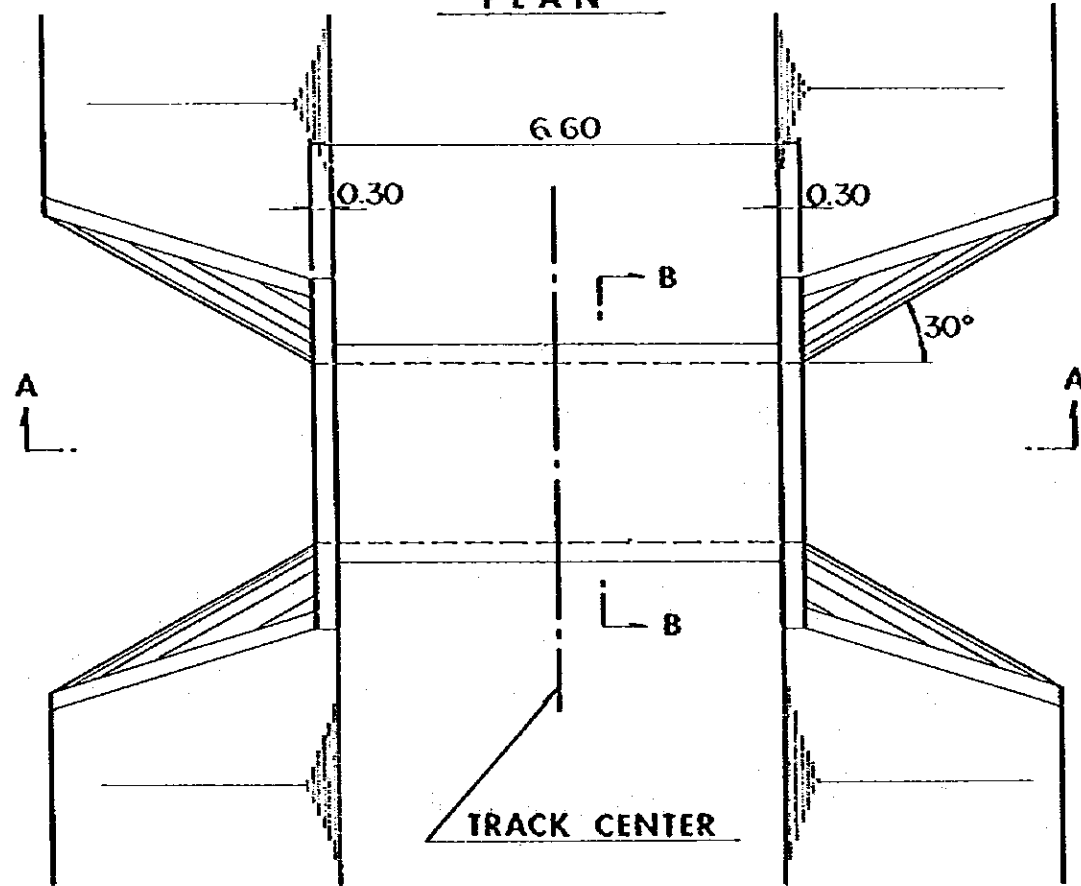
SECTION A-A



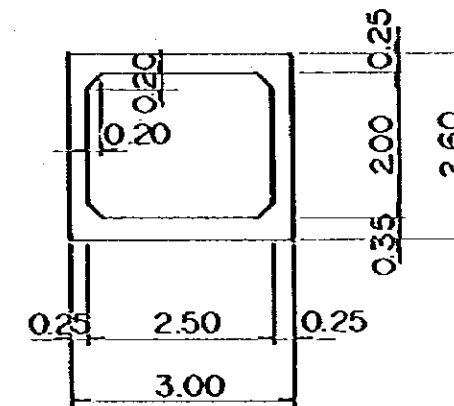
SIDE VIEW



PLAN



SECTION B-B



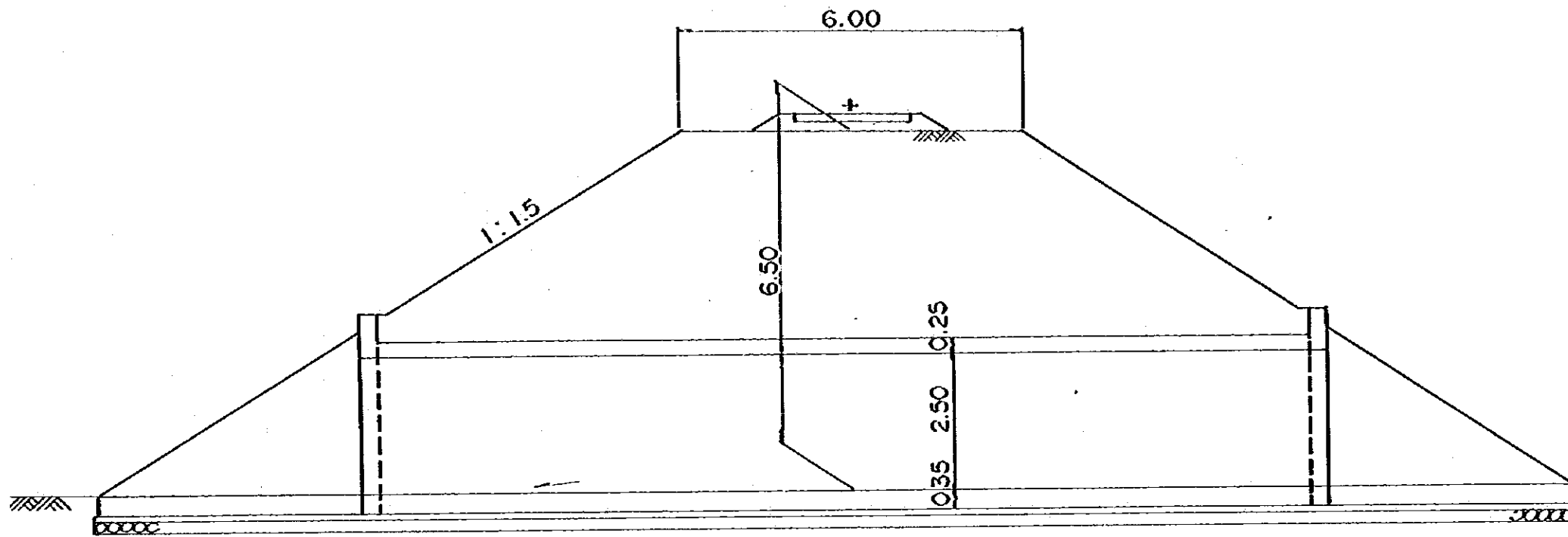
Drawing - II

Design of Box Culvert

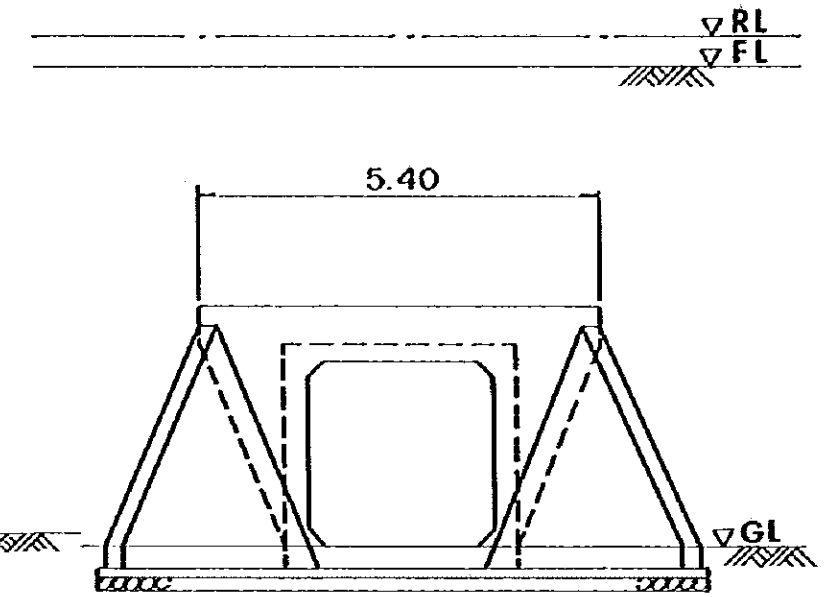
Station 318^{km}+800^m

Scale 1/100

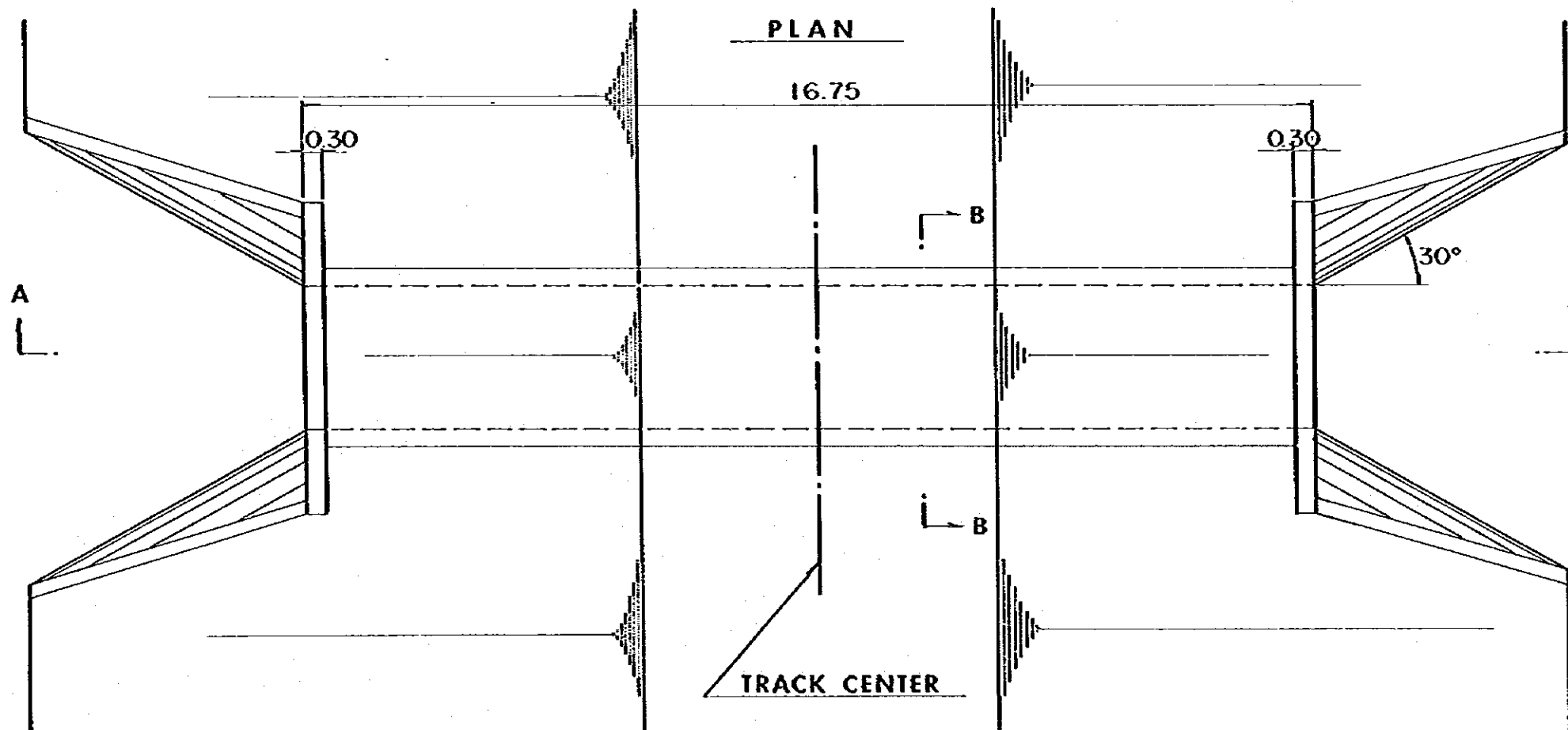
SECTION A-A



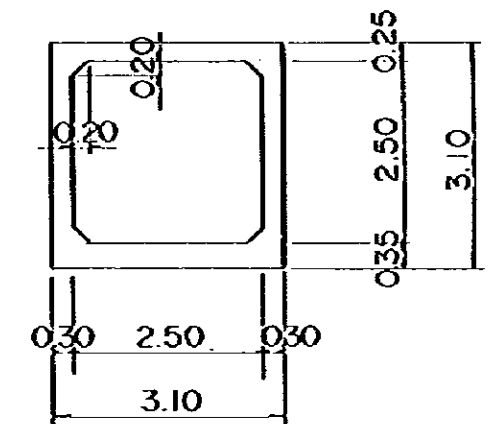
SIDE VIEW



PLAN



SECTION B-B

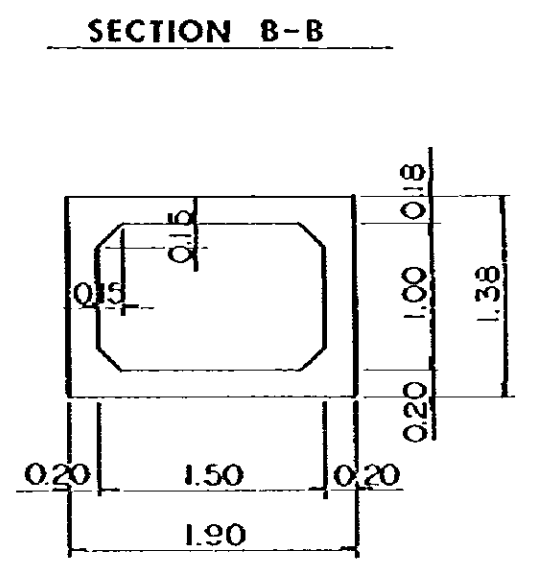
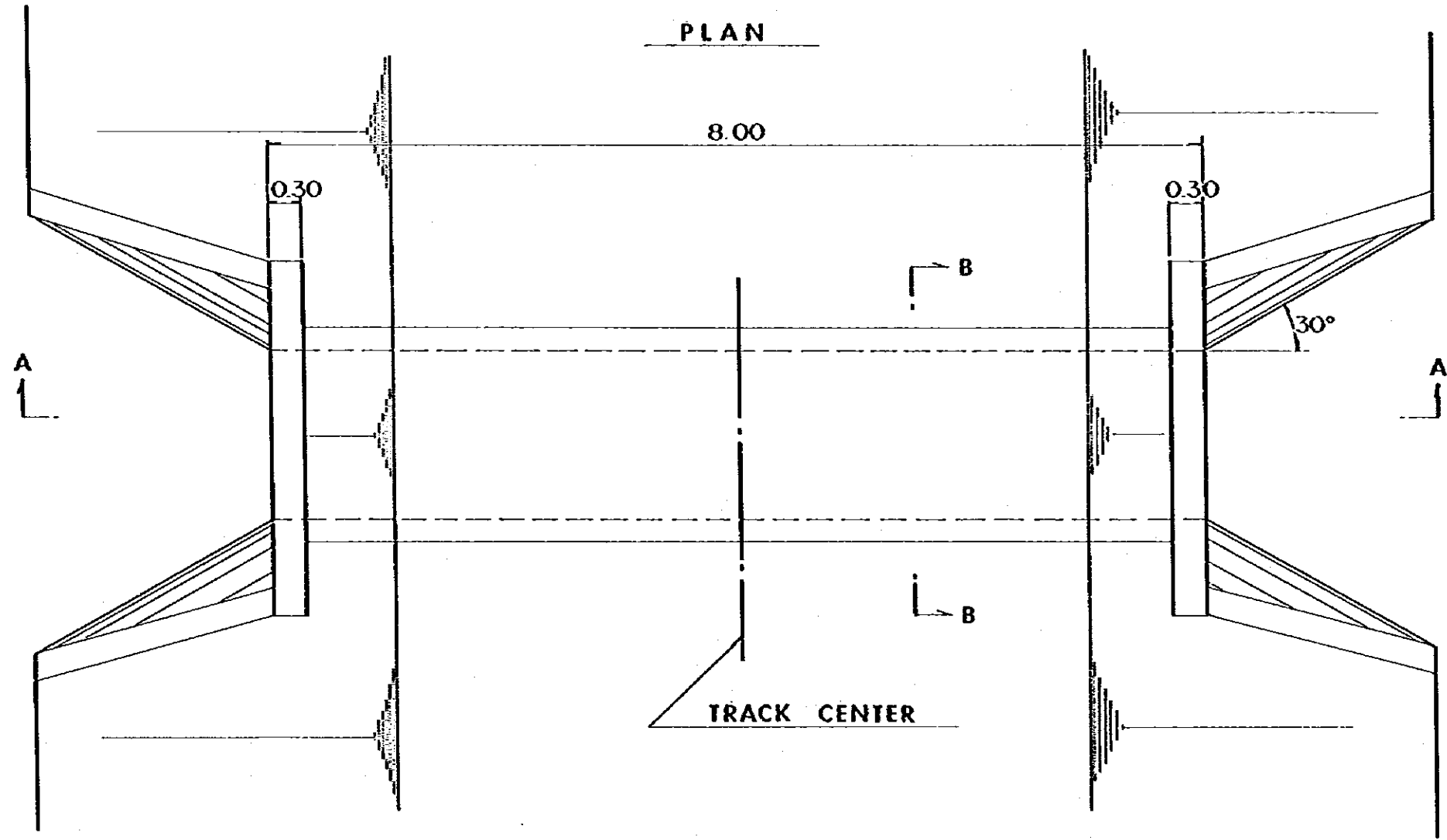
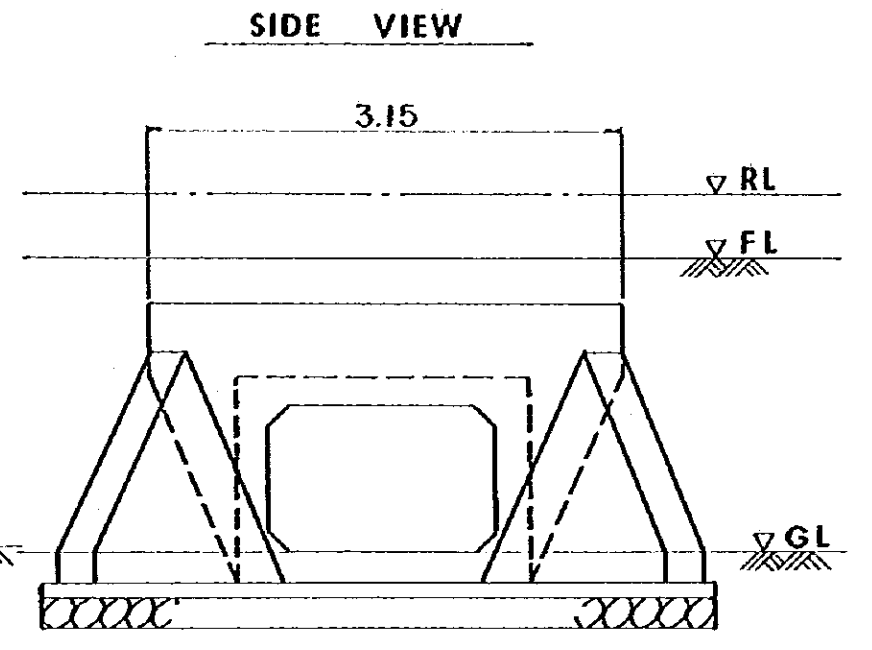
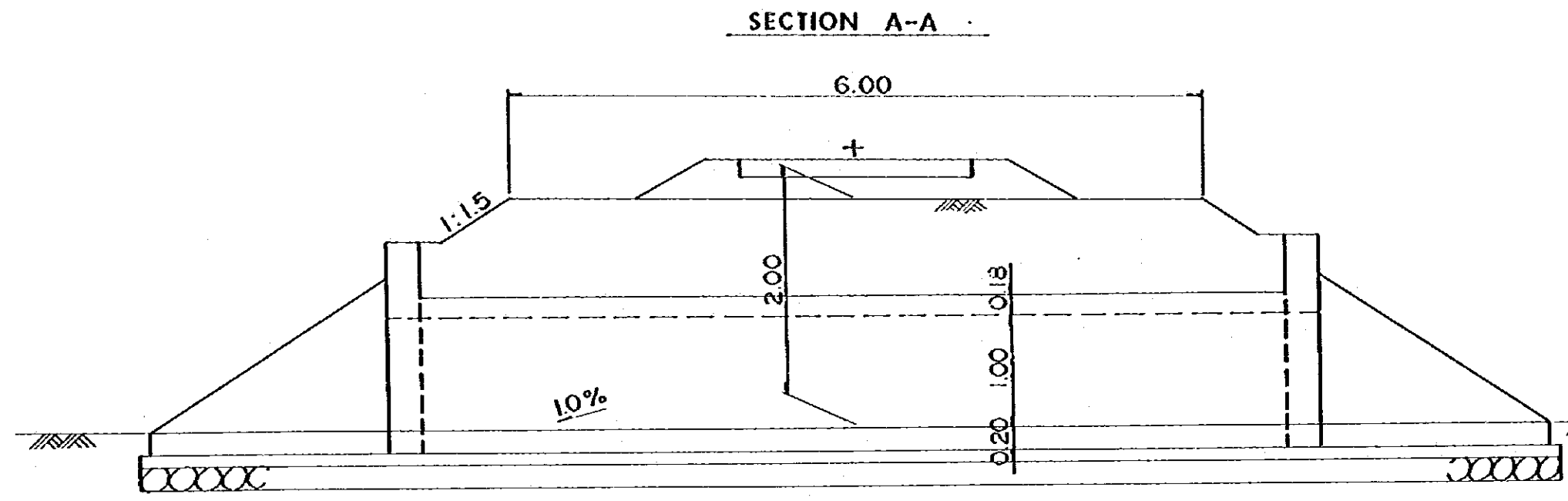


Drawing - 12

Design of Box Culvert

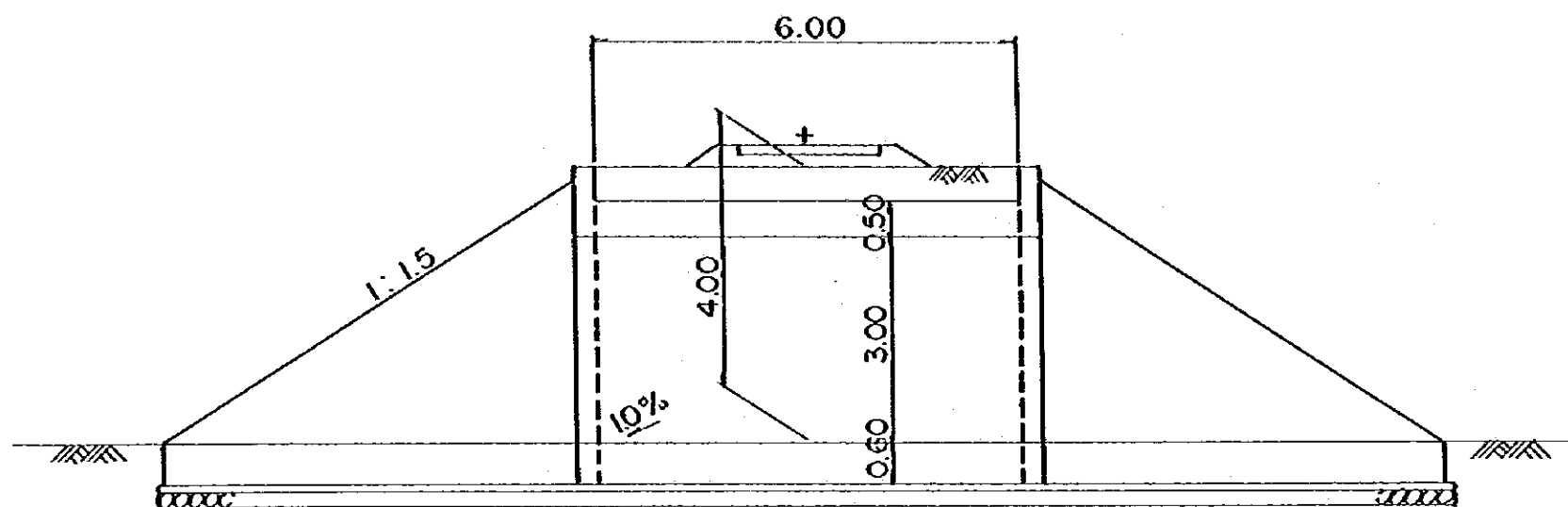
Station $325^{\text{km}} + 300^{\text{m}}$

Scale 1/100

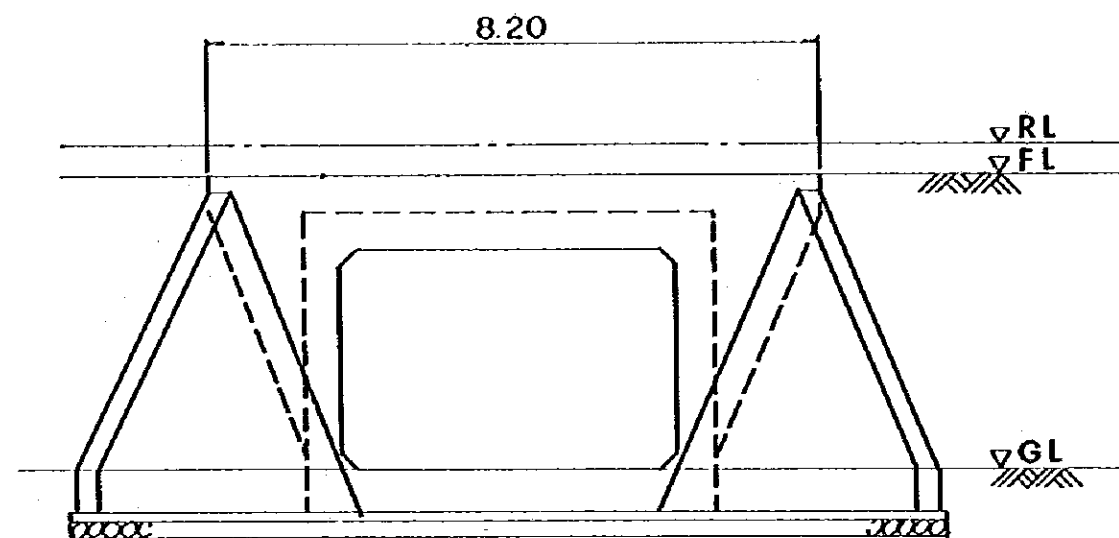


Drawing - 13
 Design of Box Culvert
 Station 327^{km} + 600^m
 Scale 1 / 50

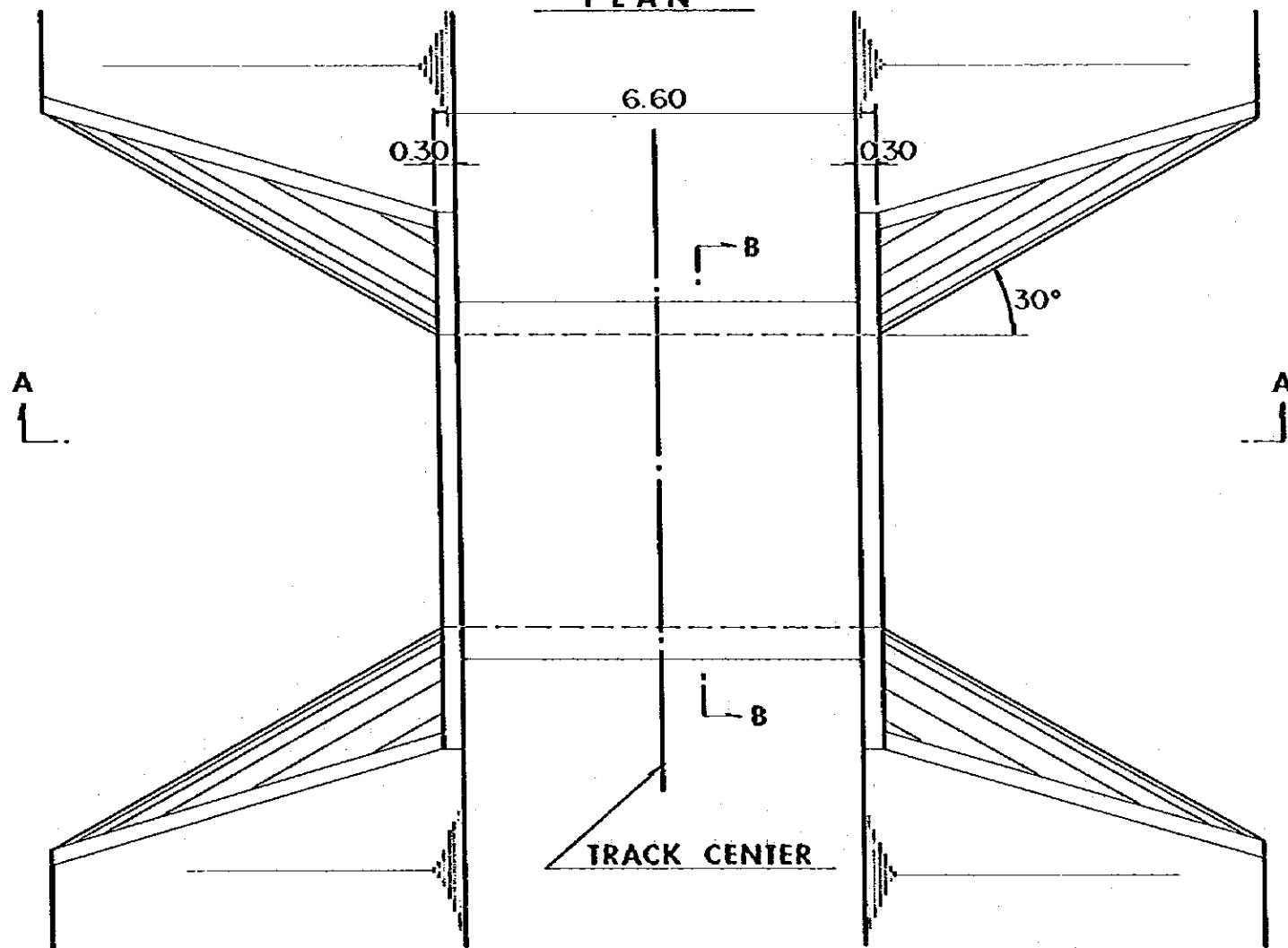
SECTION A-A



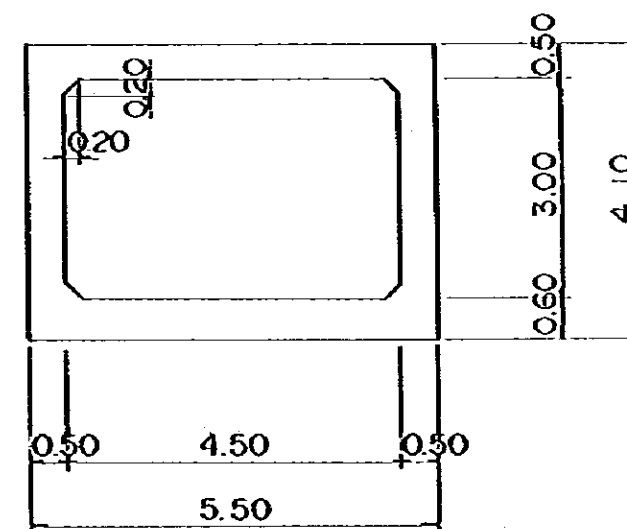
SIDE VIEW



PLAN



SECTION B-B



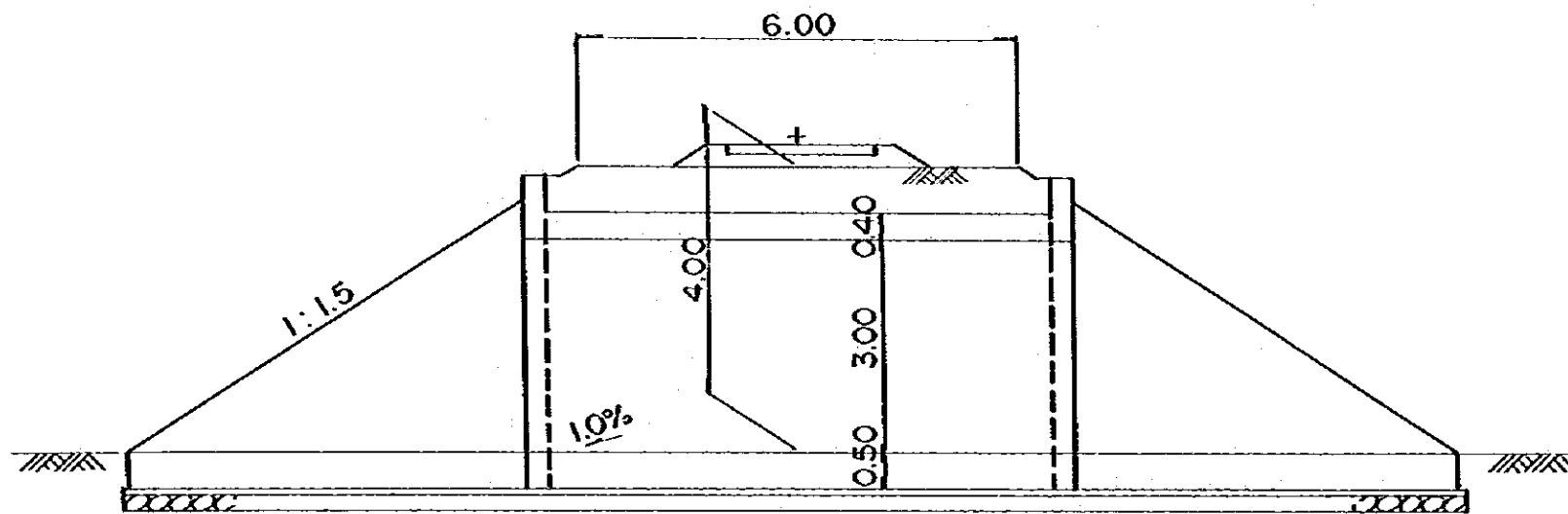
Drawing - 14

Design of Box Culvert

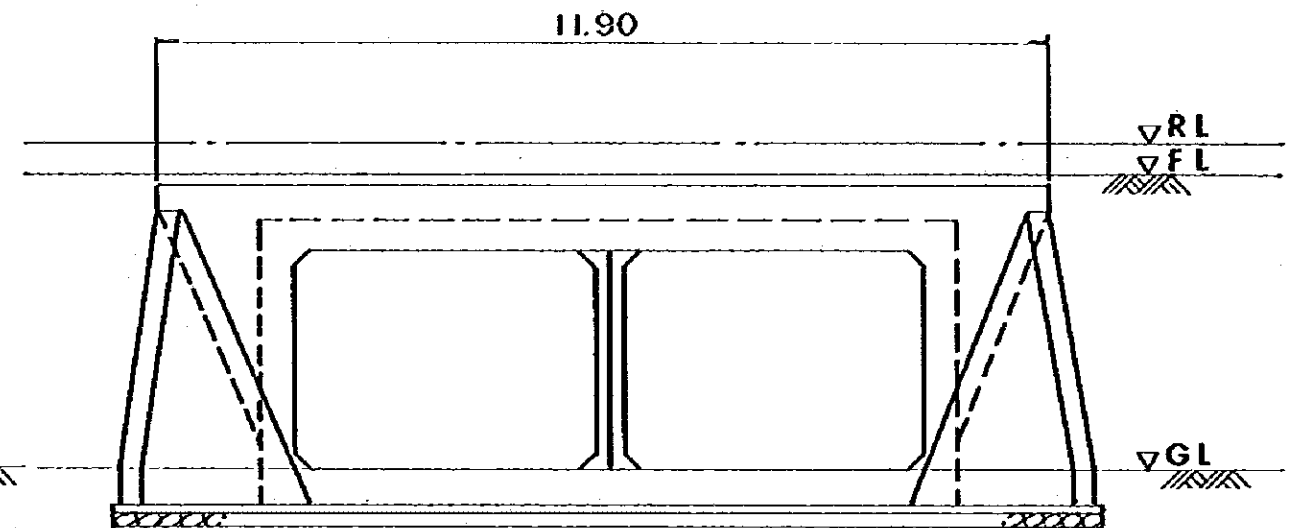
Station 362^{km} 1900^m

Scale 1/100

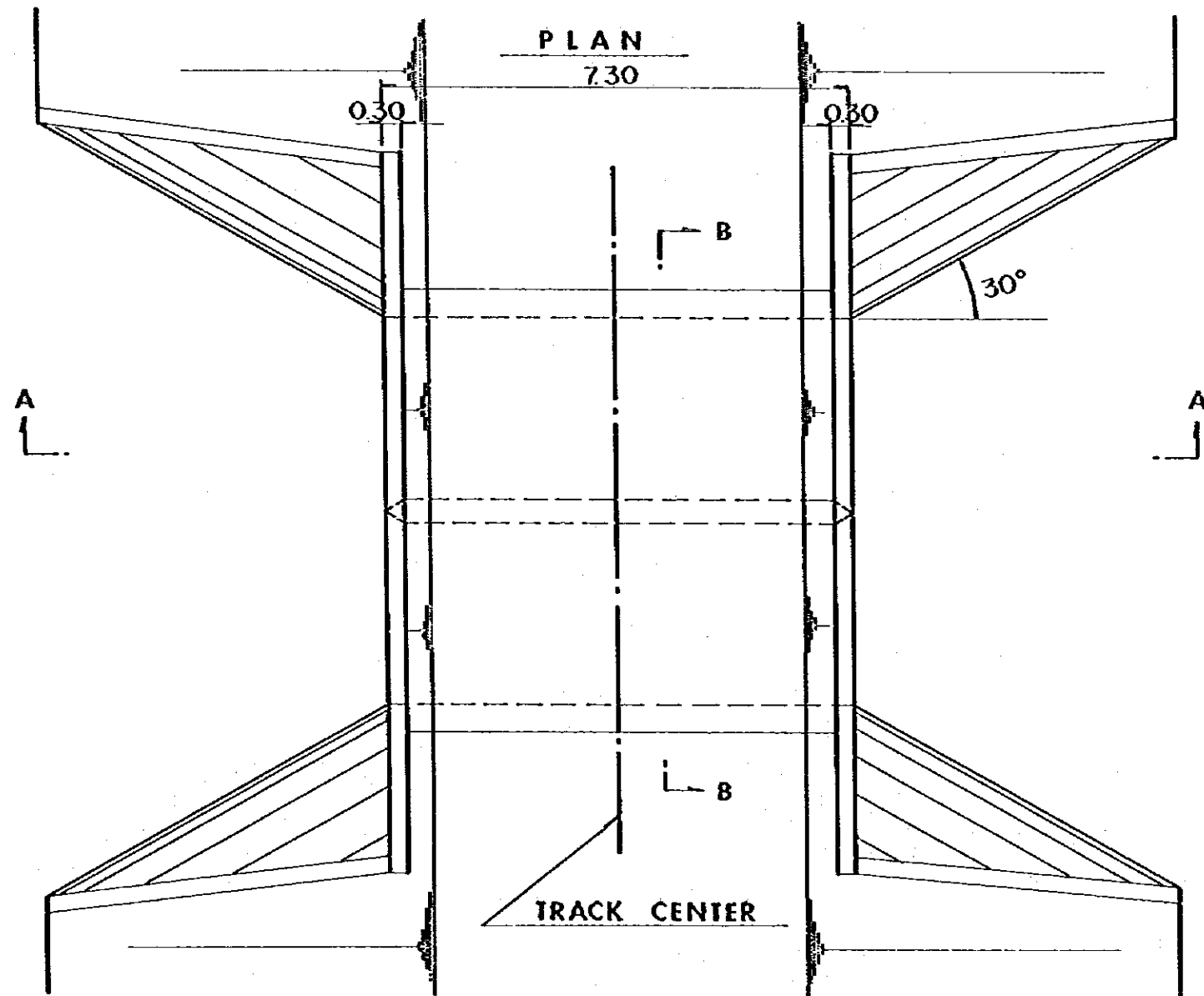
SECTION A-A



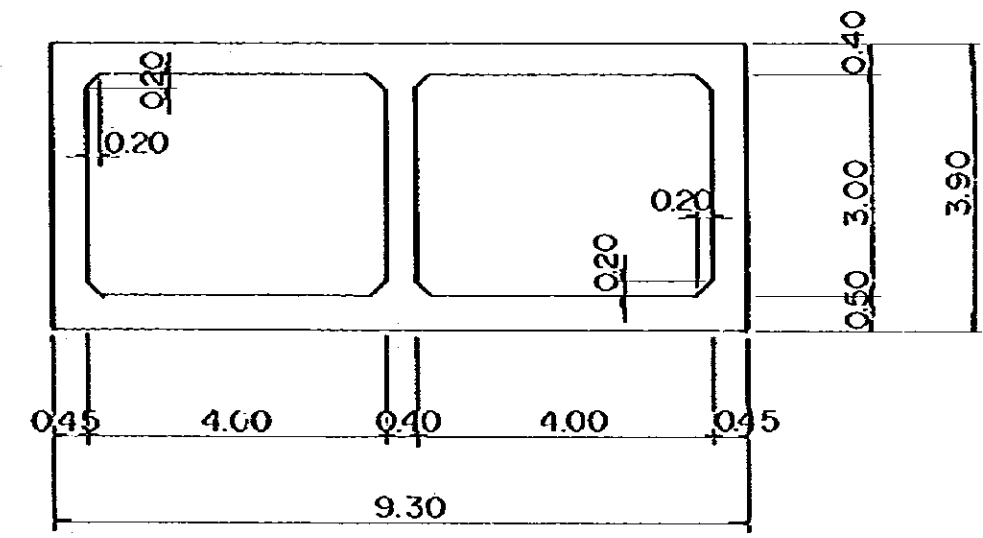
SIDE VIEW



PLAN



SECTION B-B

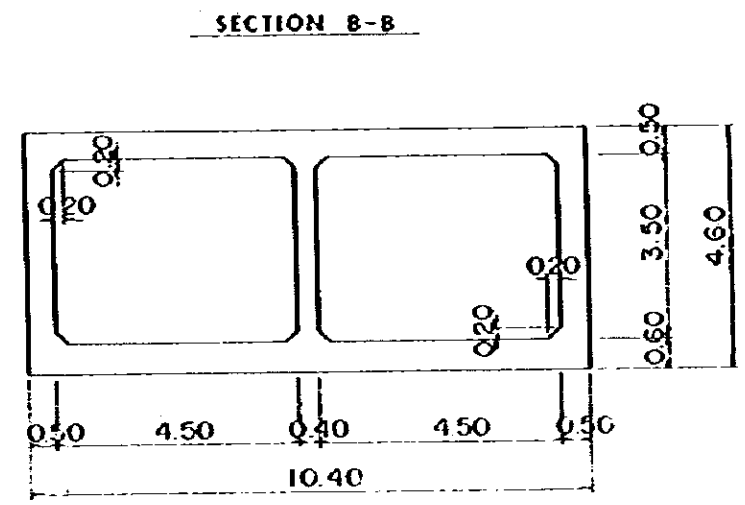
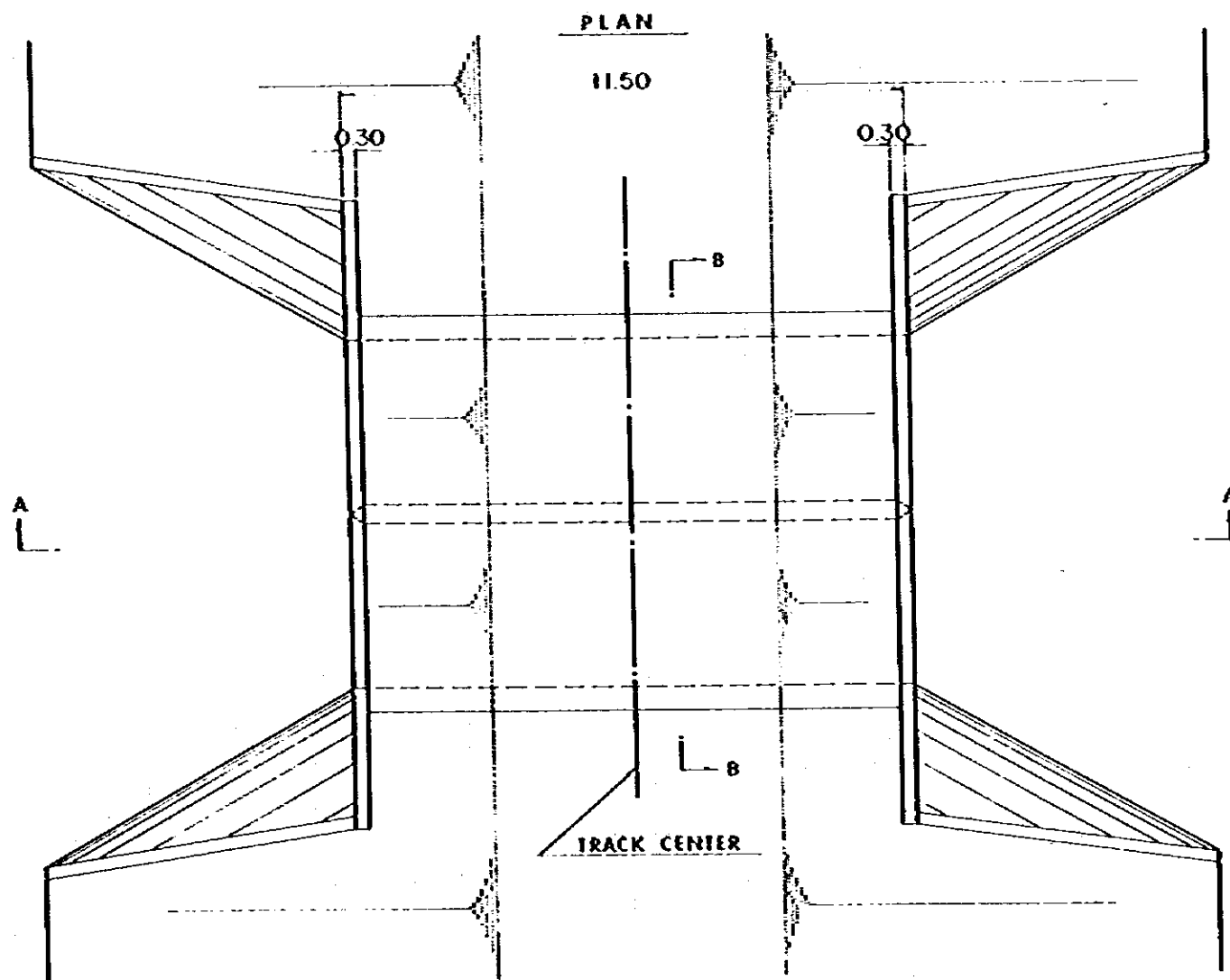
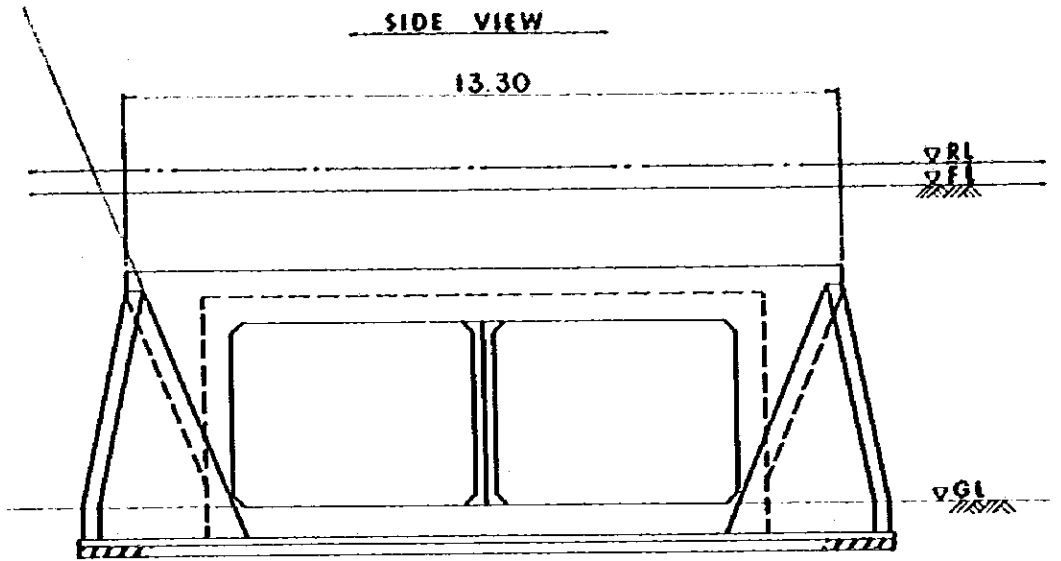
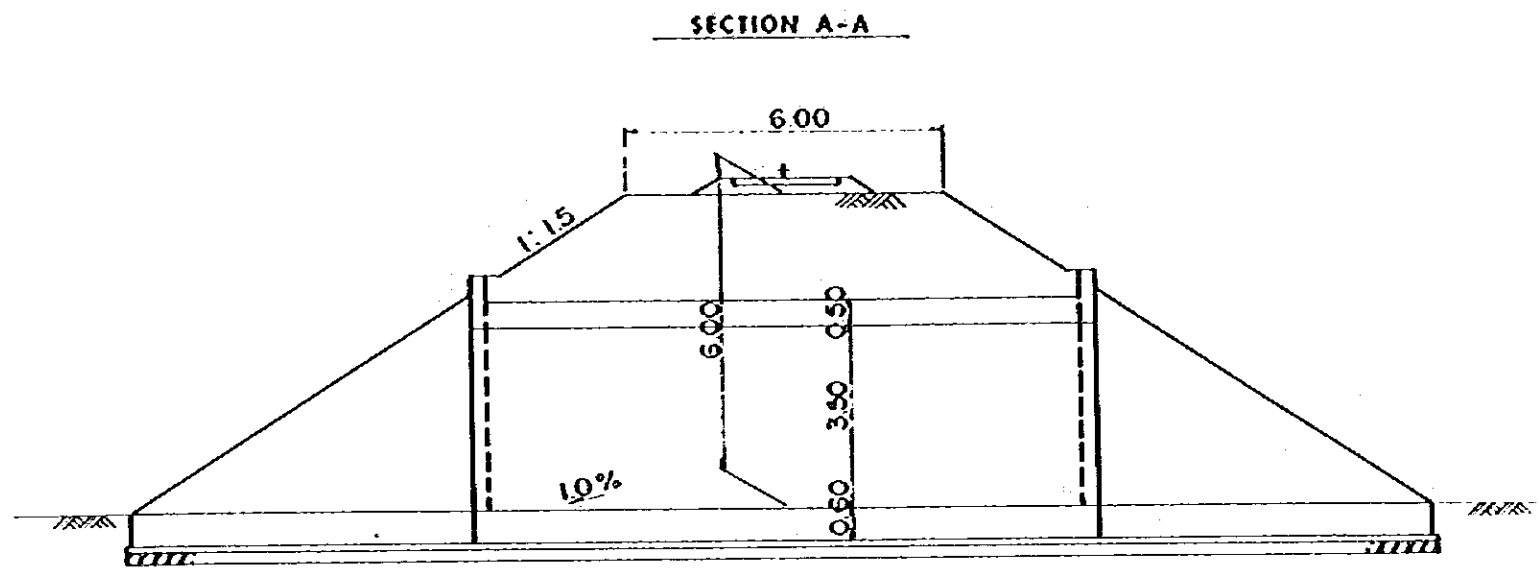


Drawing - 15

Design of Box Culvert

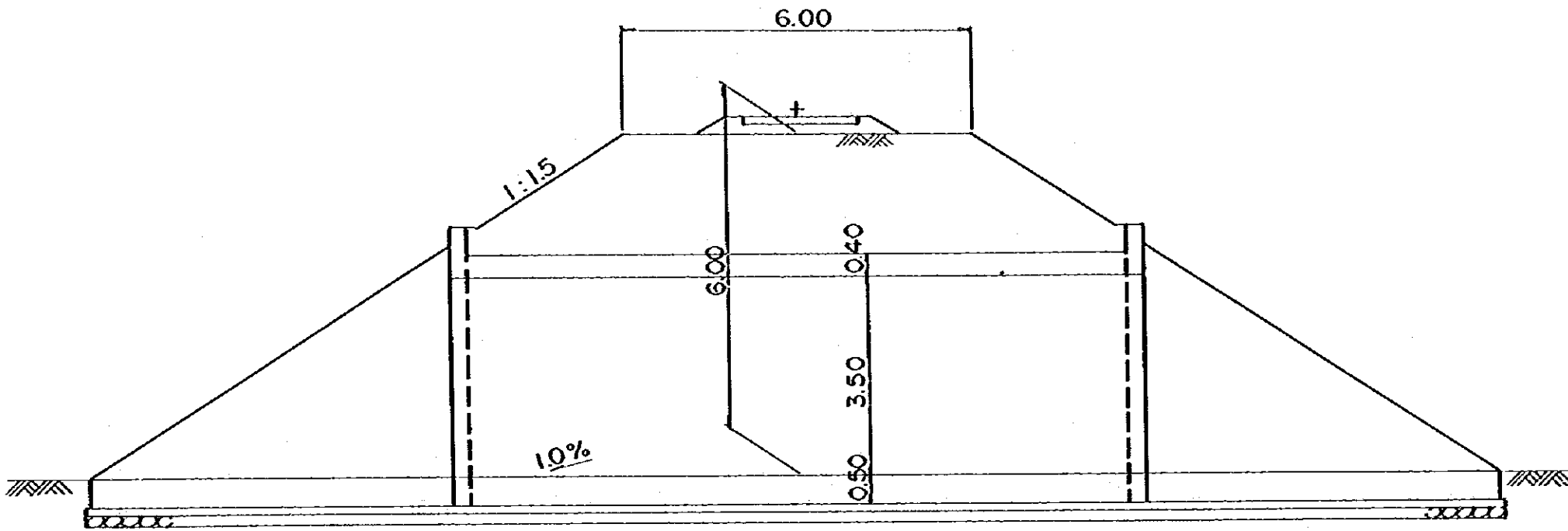
Station $364^{km} + 100^m$

Scale 1/100

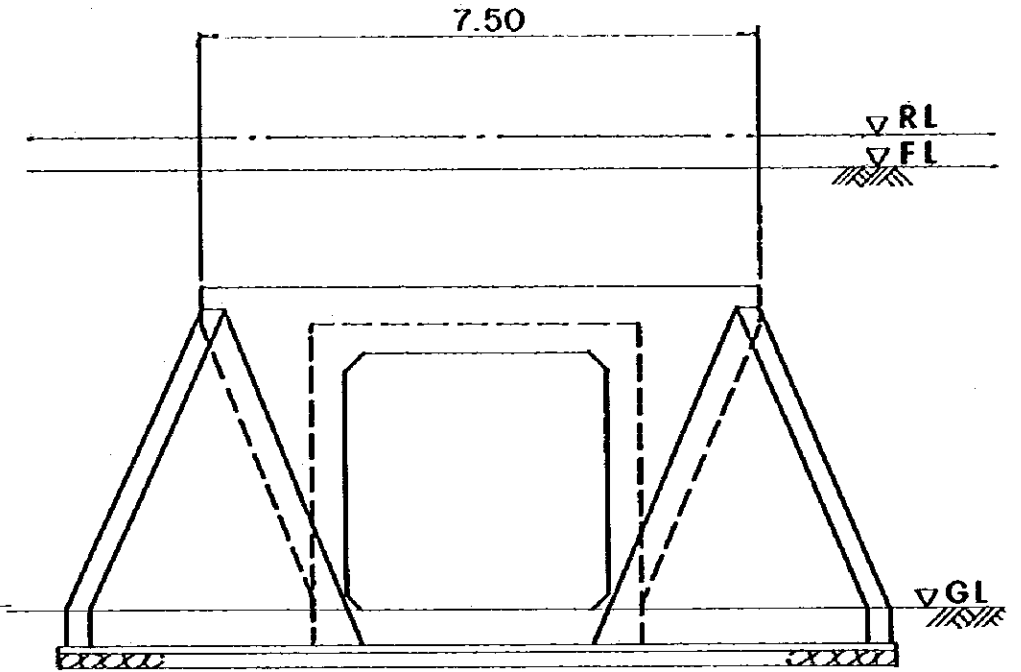


Drawing - 16
 Design of Box Culvert
 Station 367^{km} + 100^m
 Scale 1/100

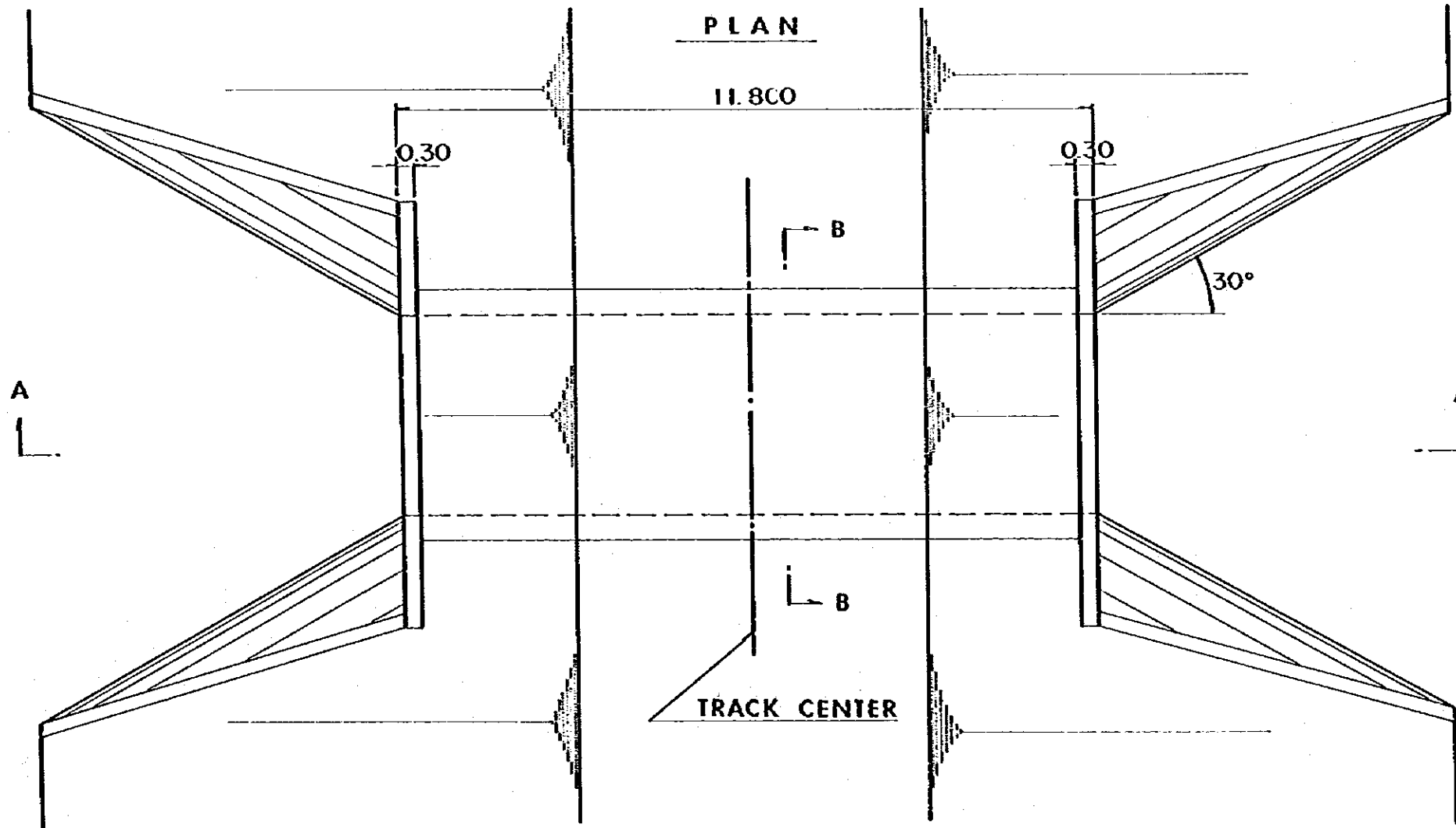
SECTION A-A



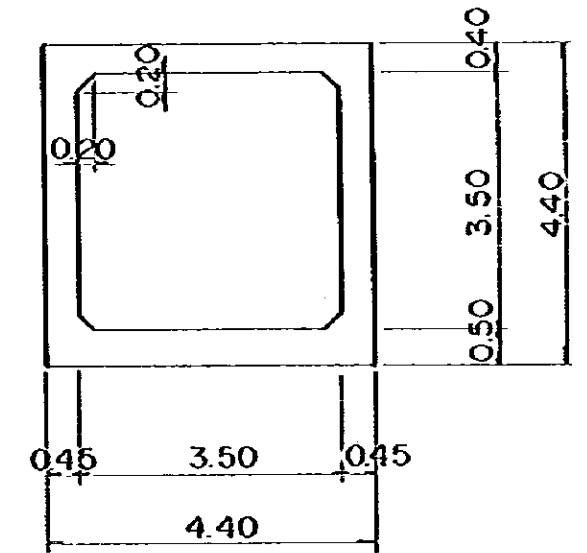
SIDE VIEW



PLAN



SECTION B-B



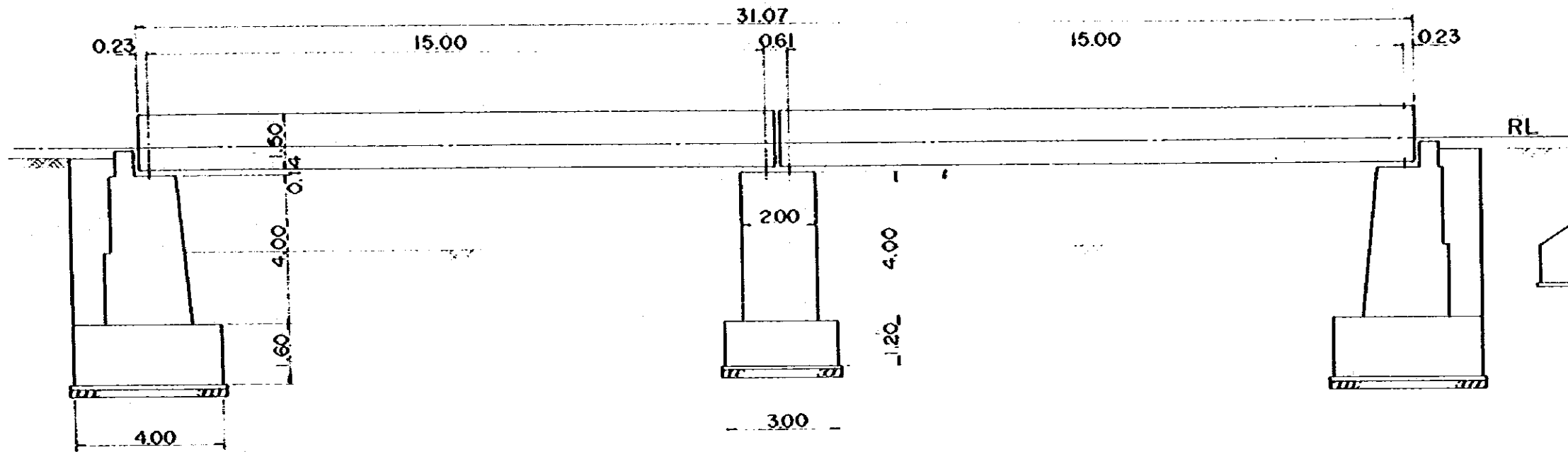
Drawing - 17

Design of Box Culvert

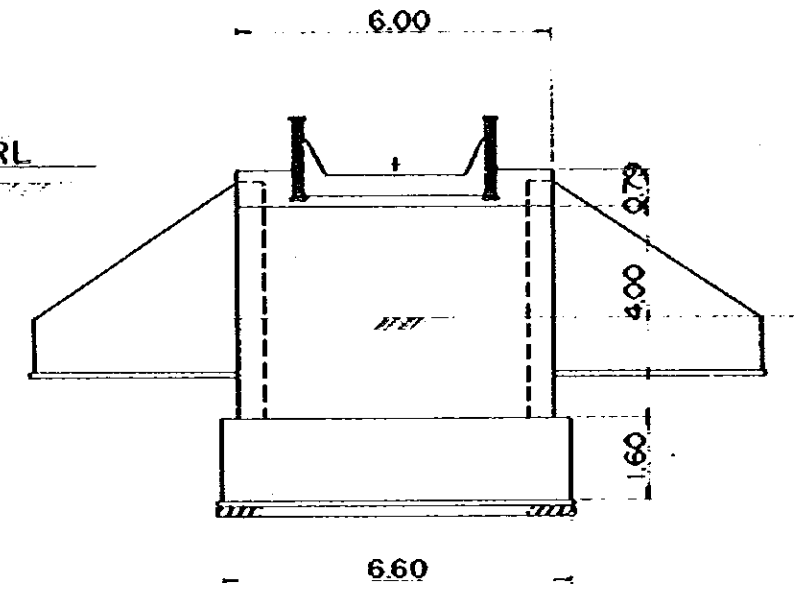
Station 375^{km}+000^m

Scale 1/100

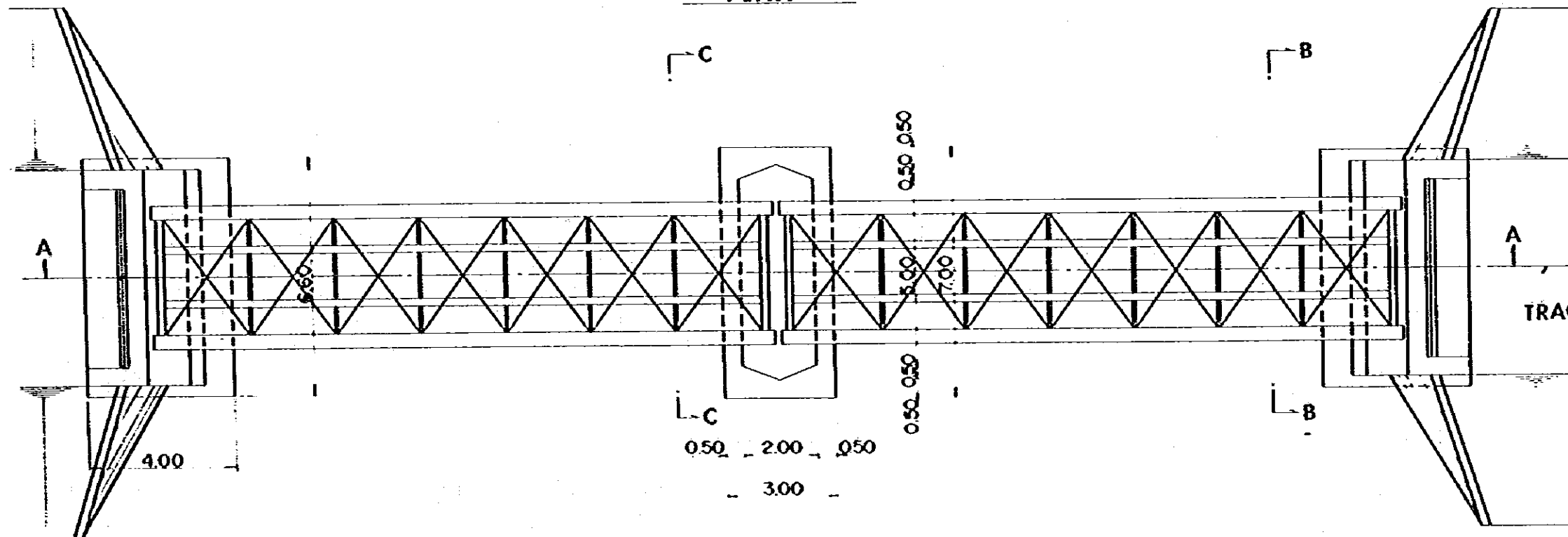
SECTION A - A



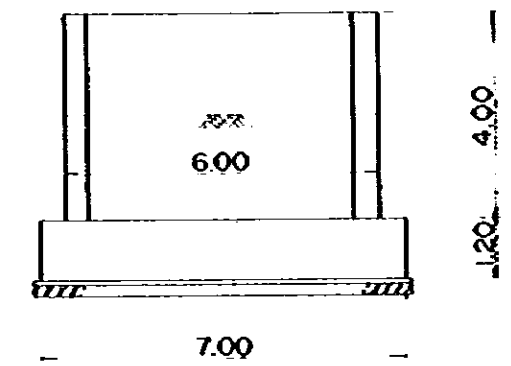
SECTION B - B



PLAN



SECTION C - C



TRACK CENTER

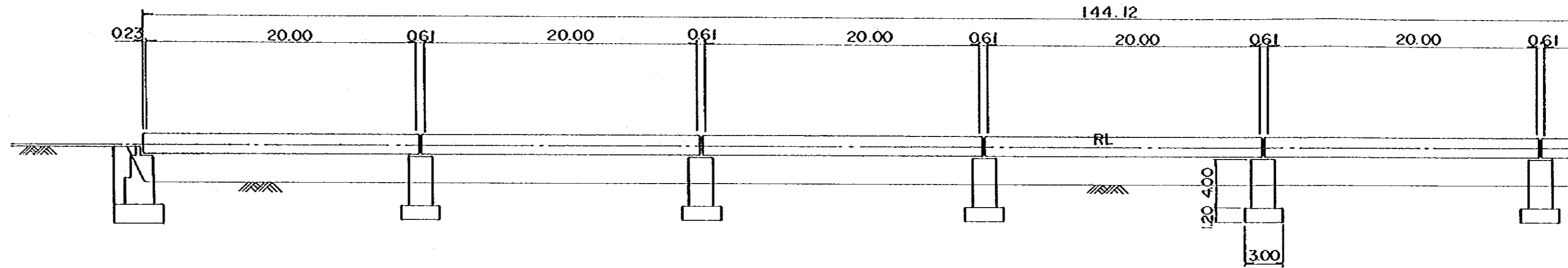
Drawing - 18

Design of Bridge

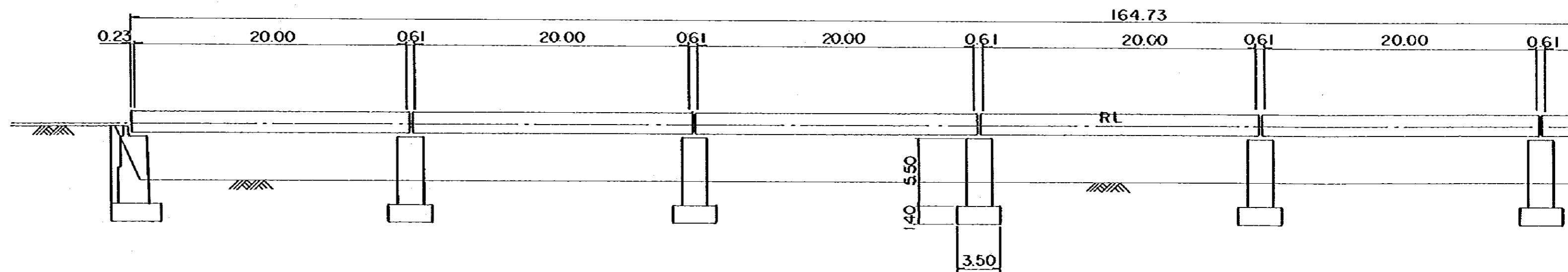
Station 384^{km} + 500^m

Scale 1/100

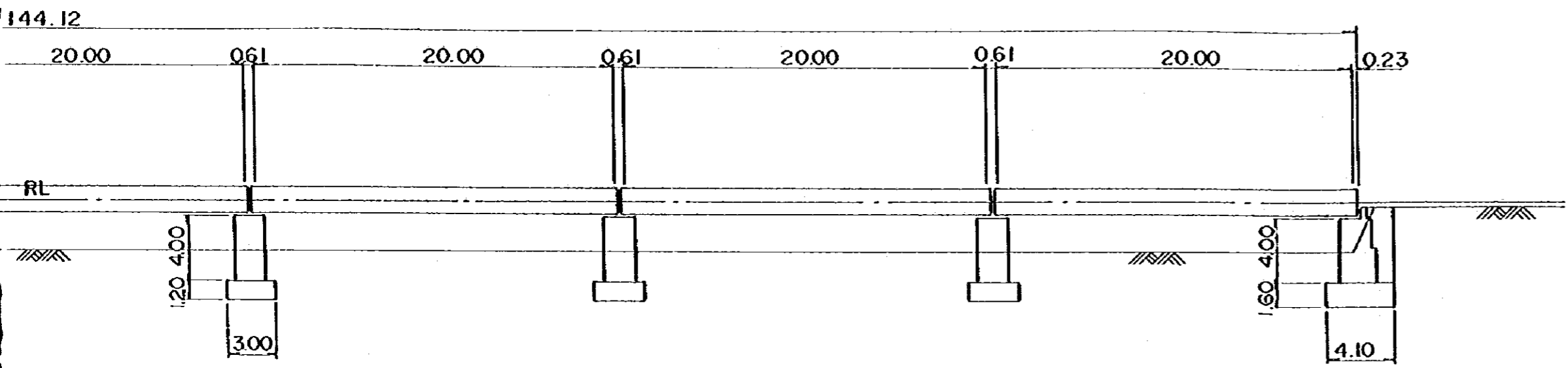
SIDE VIEW station 404^{Km}+505



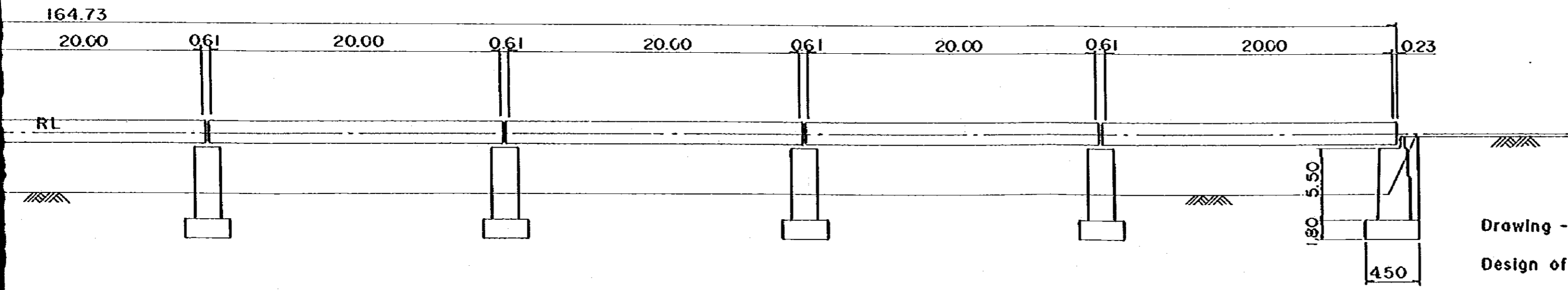
SIDE VIEW station 407^{Km}+900



VIEW station 404^{Km}+505

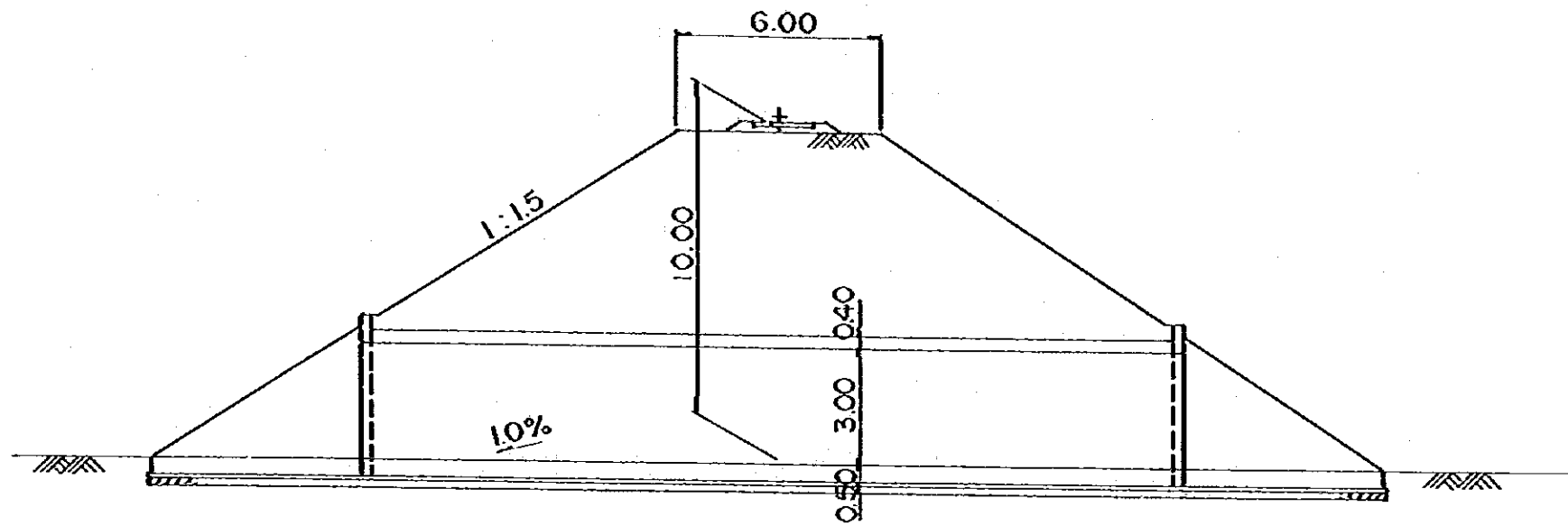


VIEW station 407^{Km}+900

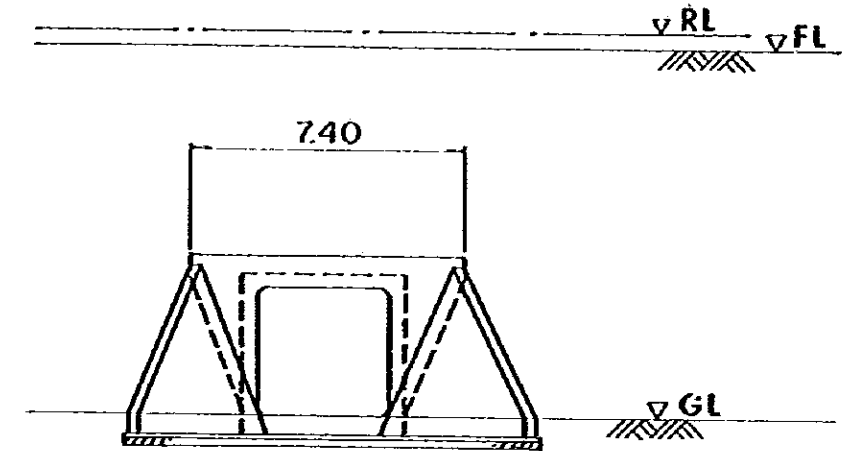


Drawing - 19
Design of Bridges
Station 404^{km}+505^m
407^{km}+900^m
Scale 1/200

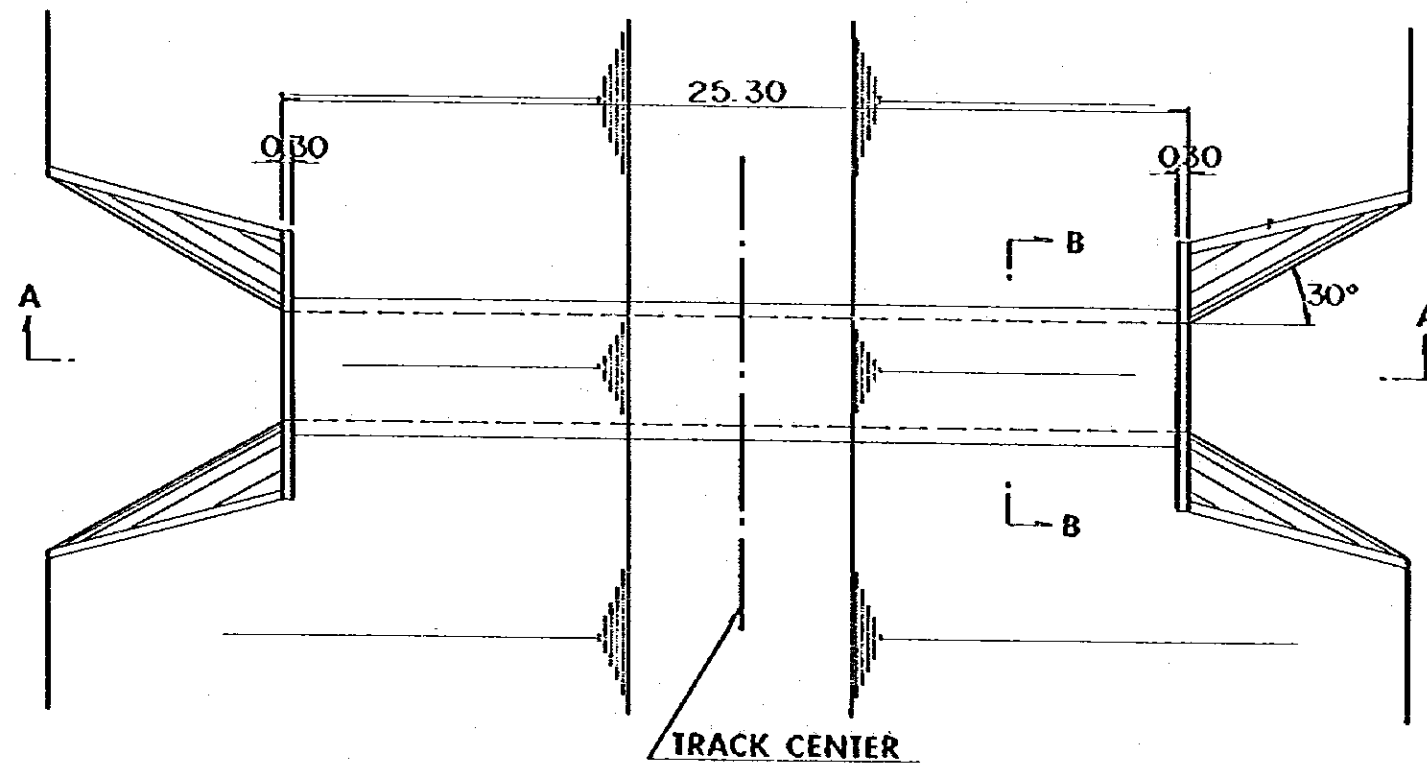
SECTION A-A S=1/200



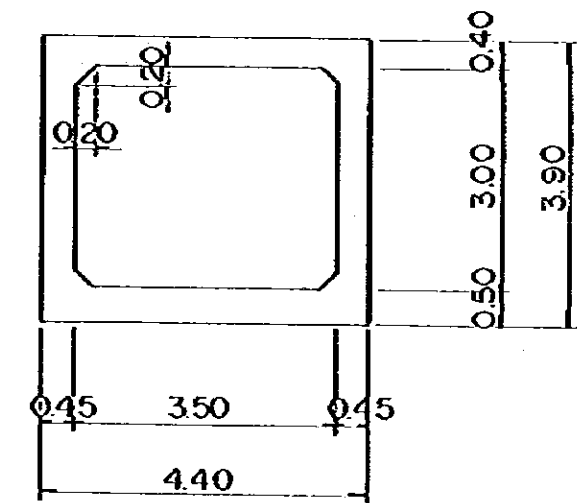
SIDE VIEW S=1/200



PLAN S=1/200



SECTION B-B S=1/100



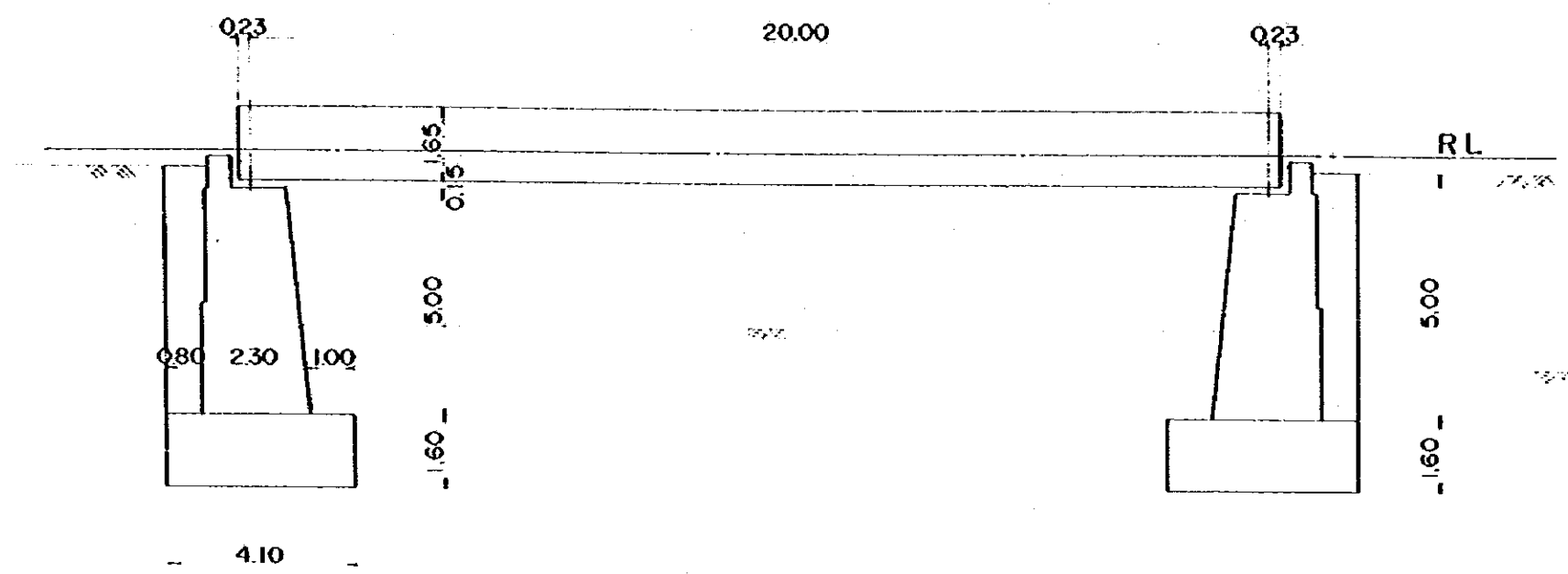
Drawing - 20

Design of Box Culvert

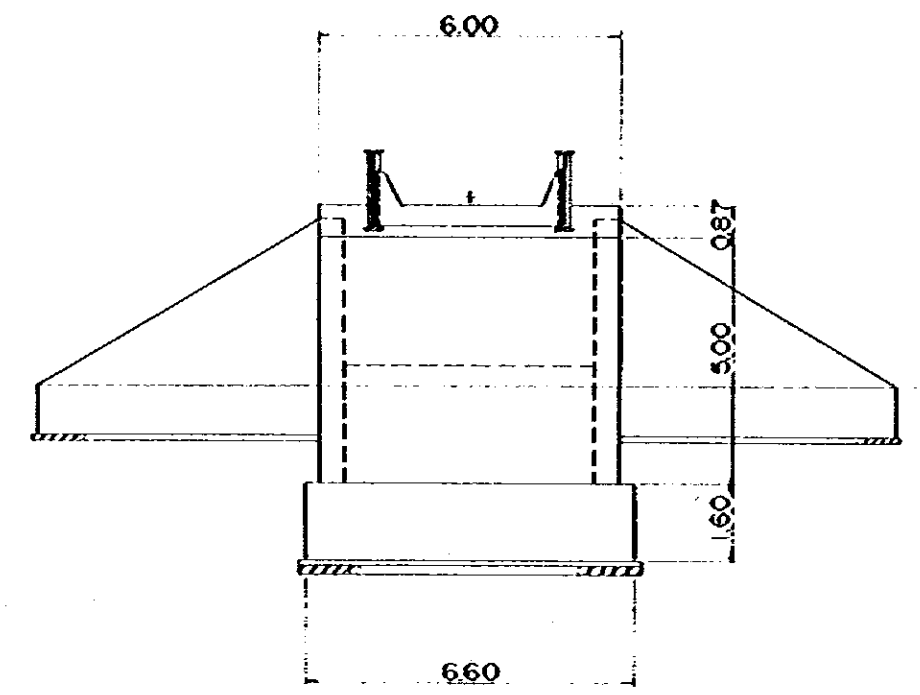
Station 406^{km}+500^m

Scale 1/100, 1/200

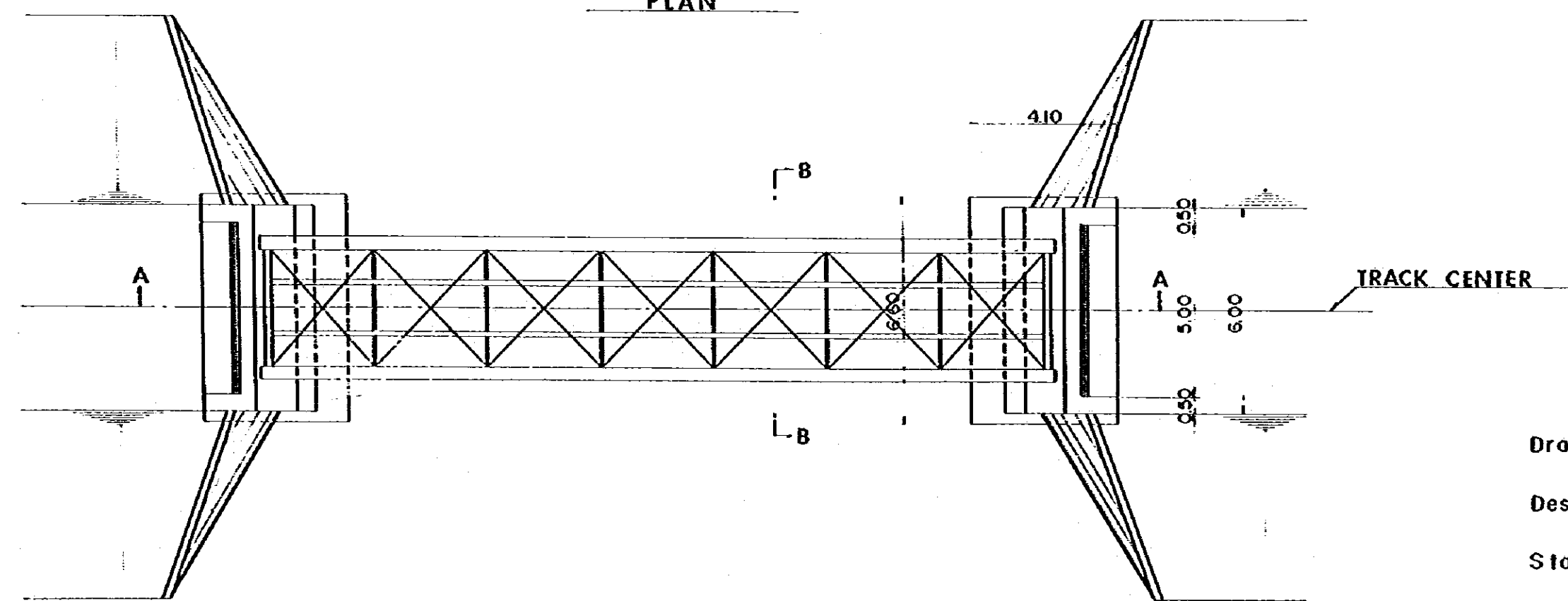
SECTION A - A



SECTION B - B



PLAN



Drawing - 21

Design of Bridge

Station 397^{km} + 390^m

Scale 1/100