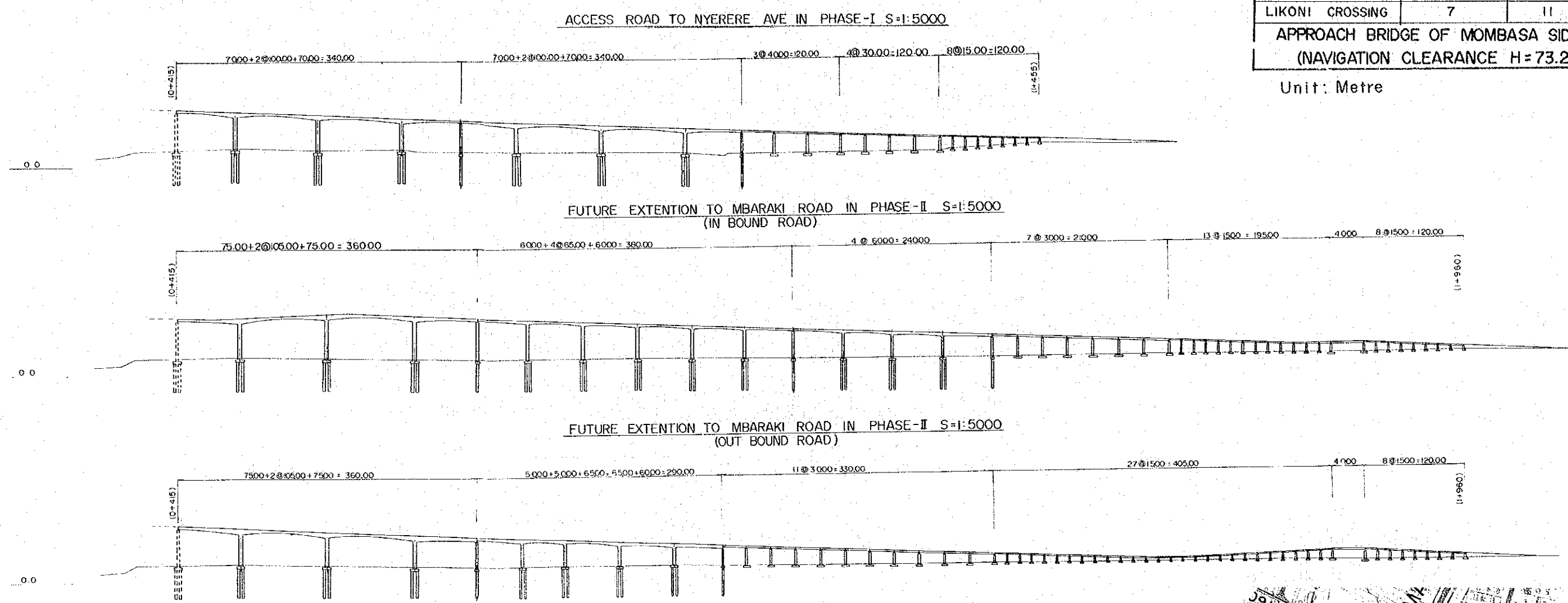
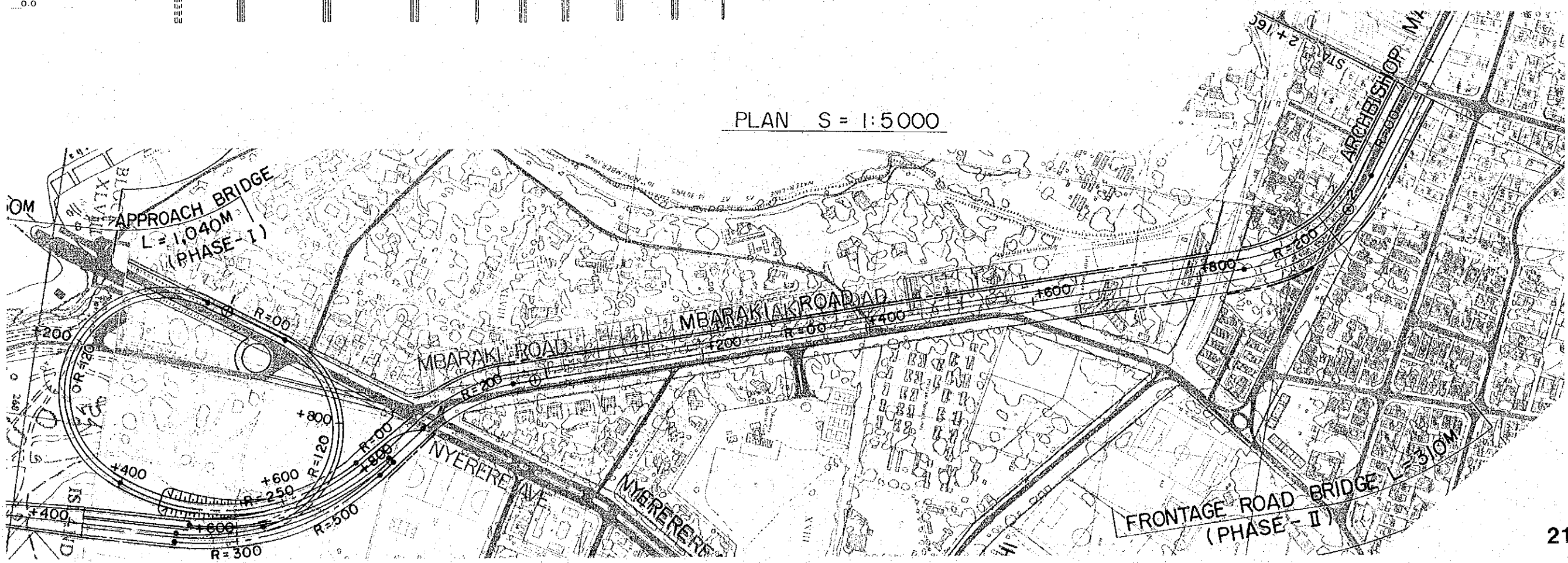


PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	7	11
APPROACH BRIDGE OF MOMBASA SIDE (NAVIGATION CLEARANCE $H=73.2^m$)		

Unit: Metre



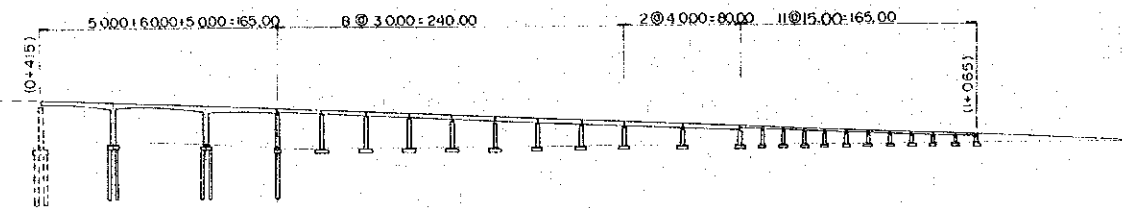
PLAN S = 1:5000



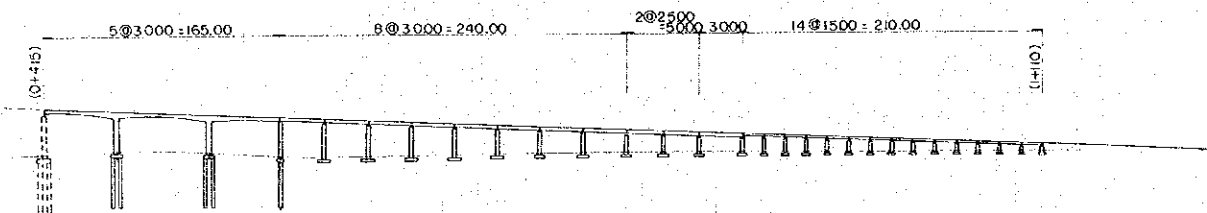
PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	8	11
APPROACH BRIDGE OF MOMBASA SIDE (NAVIGATION CLEARANCE H=55 ^m)		

Unit: Metre

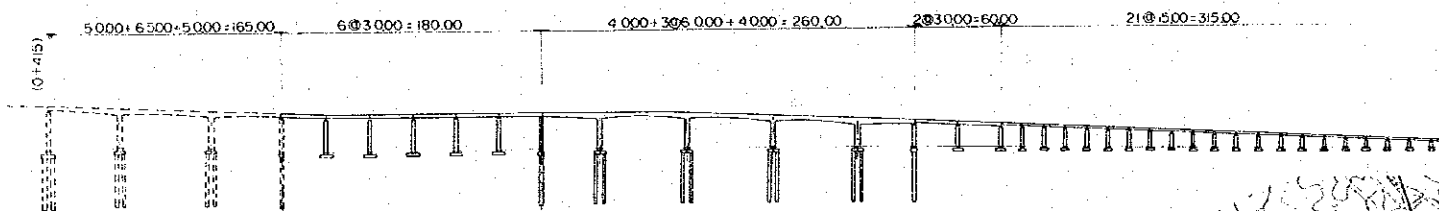
ACCESS ROAD TO NYERERE AVE IN PHASE-I S=1:5000



FUTURE EXTENTION TO MBARAKI ROAD IN PHASE-II S=1:5000
(IN BOUND ROAD)



FUTURE EXTENTION TO MBARAKI ROAD IN PHASE-II S=1:5000
(OUT BOUND ROAD)



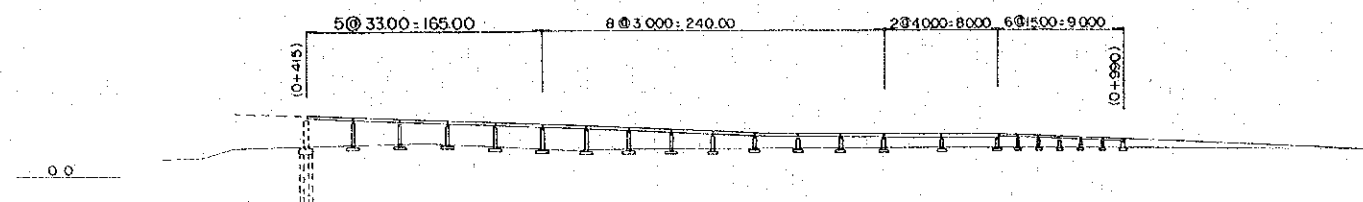
PLAN S = 1:5000



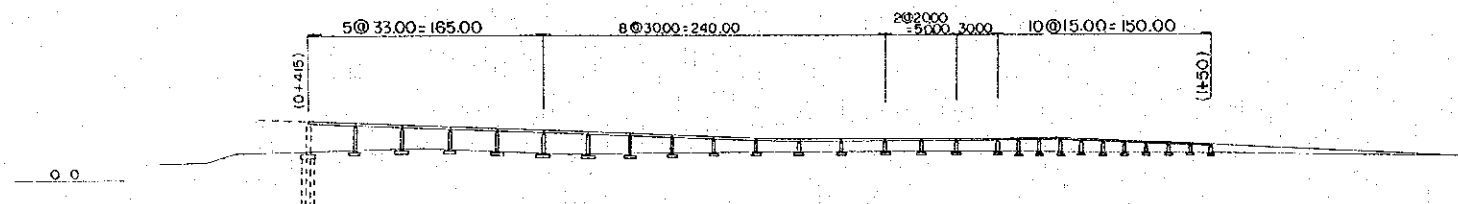
PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	9	11
APPROACH BRIDGE OF MOMBASA SIDE (NAVIGATION CLEARANCE H=45m)		

Unit : Metre

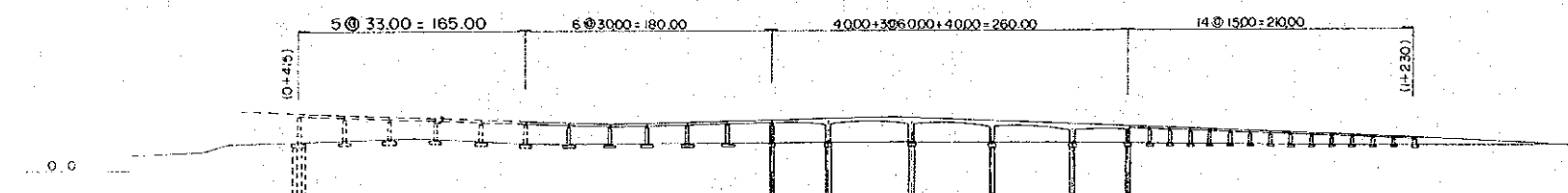
ACCESS ROAD TO NYERERE AVE IN PHASE-I S=1:5000



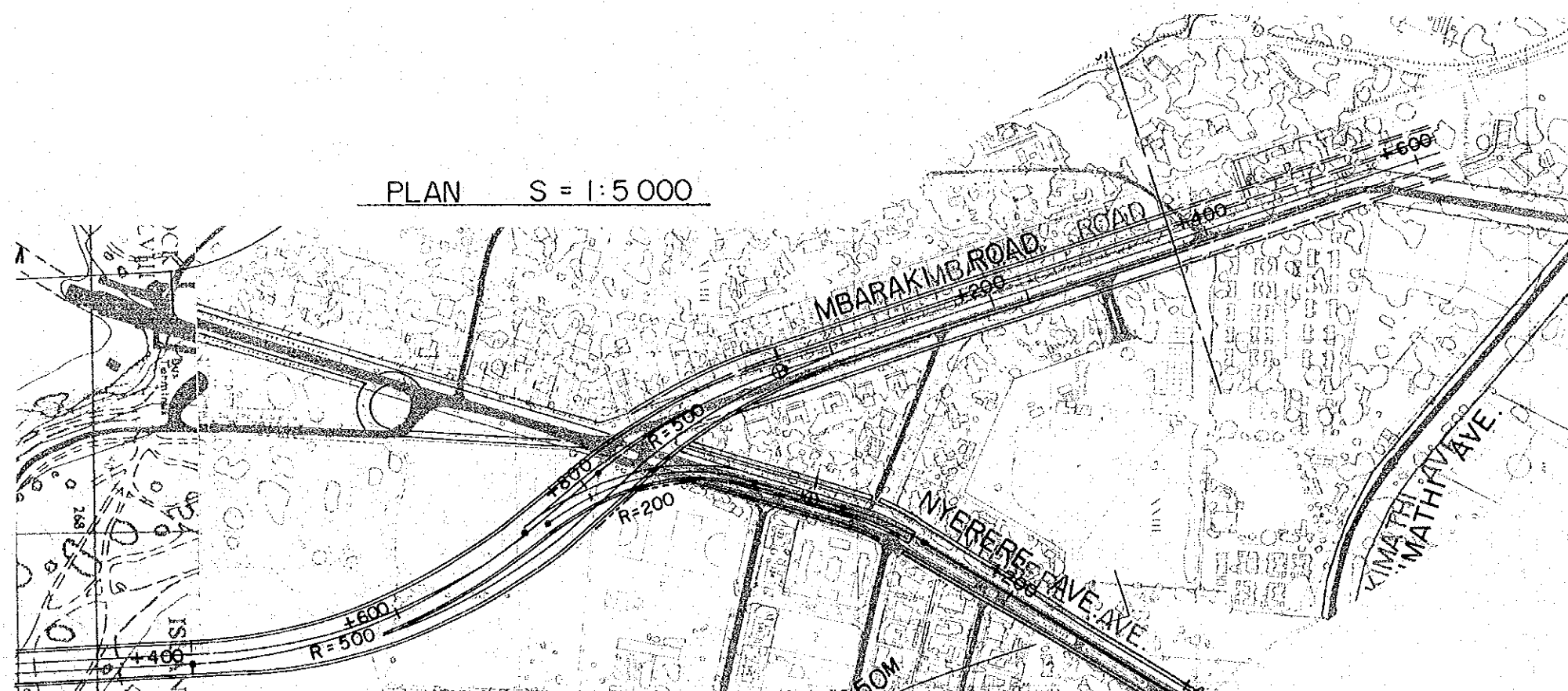
FUTURE EXTENSION TO MBARAKI ROAD IN PHASE-II S=1:5000
(IN BOUND ROAD)



FUTURE EXTENSION TO MBARAKI ROAD IN PHASE-II S=1:5000
(OUT BOUND ROAD)



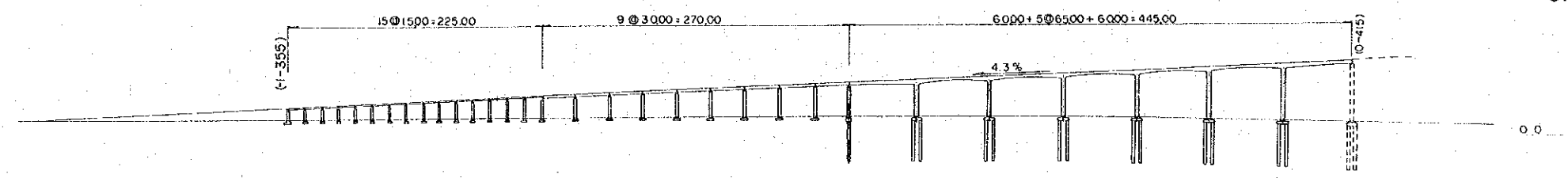
PLAN S = 1:5 000



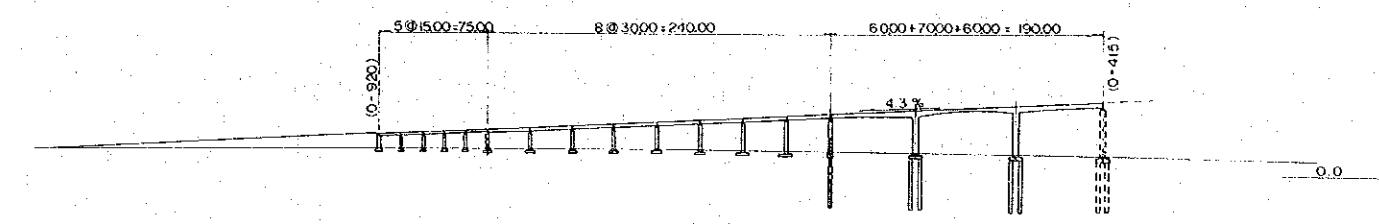
PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	10	11
APPROACH BRIDGE OF LIKONI SIDE		

Unit Meter

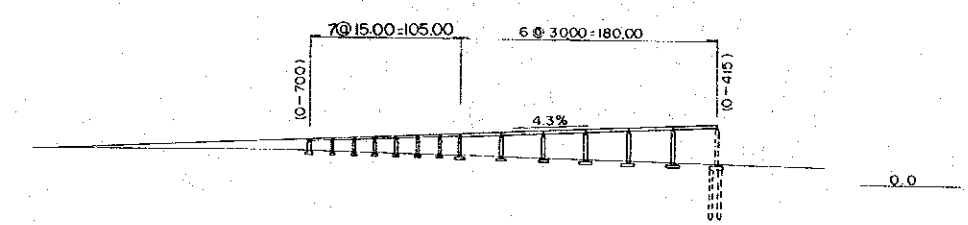
NAVIGATION CLEARANCE $H = 73.2^m$ $S = 1:5\ 000$



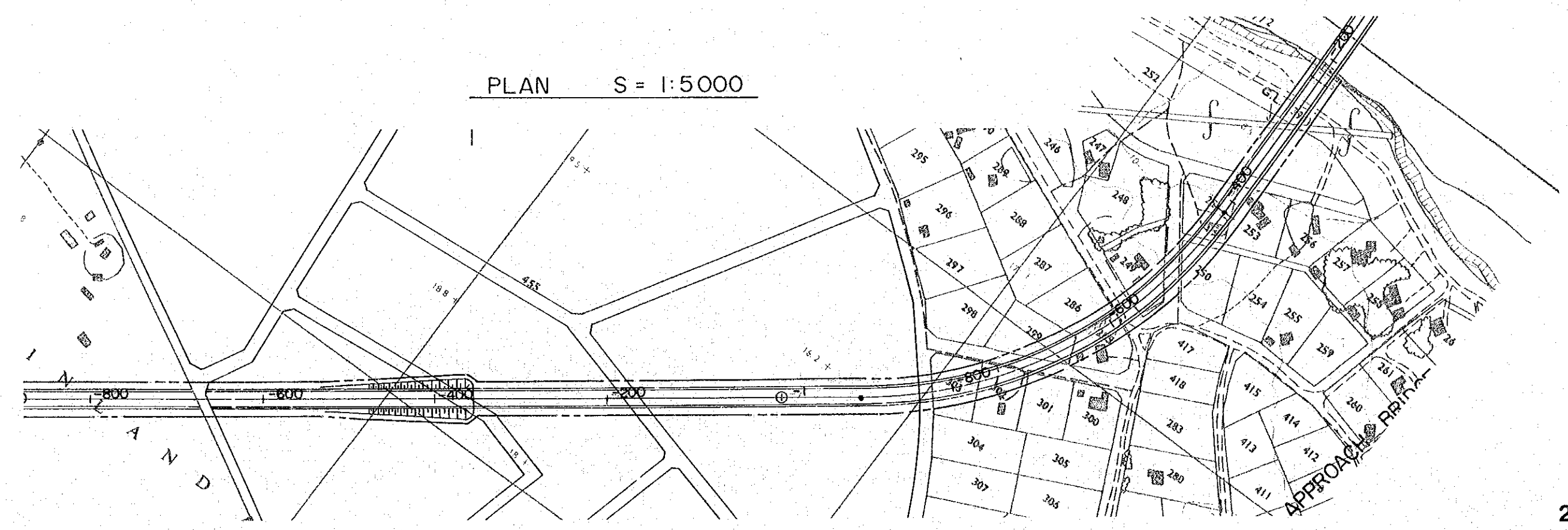
NAVIGATION CLEARANCE $H = 55^m$ $S = 1:5\ 000$



NAVIGATION CLEARANCE $H = 45^m$ $S = 1:5\ 000$



PLAN $S = 1:5\ 000$

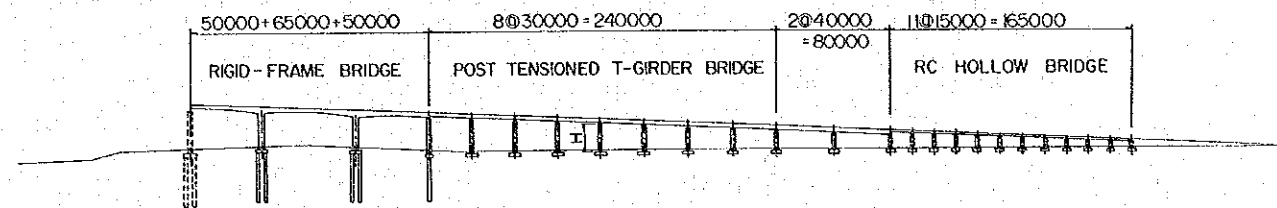


PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	11	11
TYPICAL SECTION OF APPROACH BRIDGE		

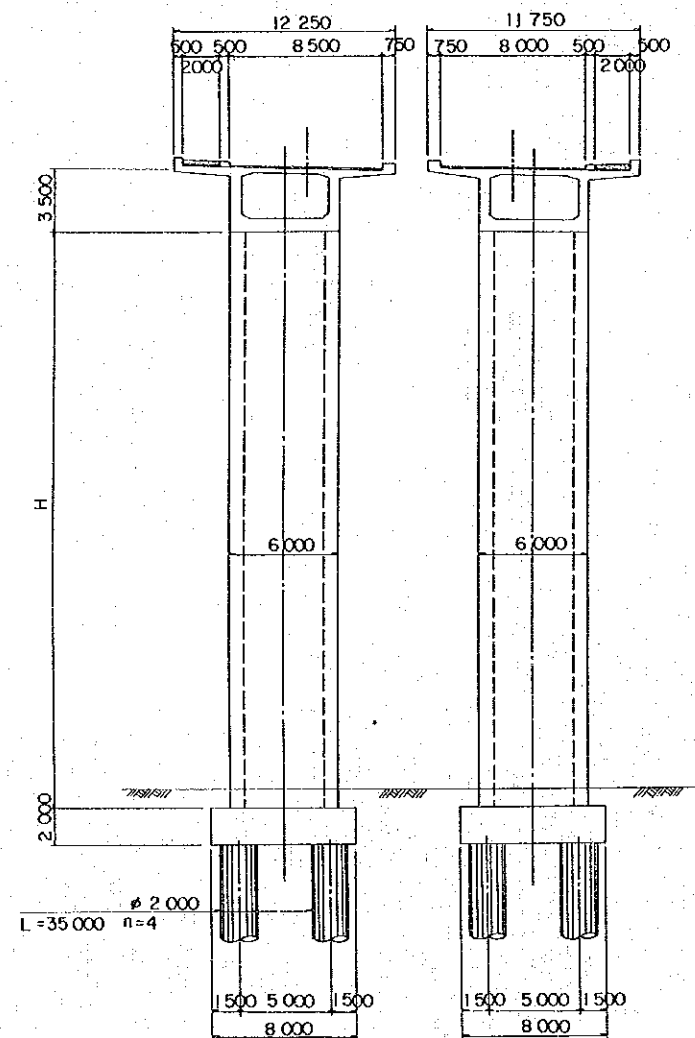
Unit : Millimetre

TYPICAL SECTION OF APPROACH BRIDGE

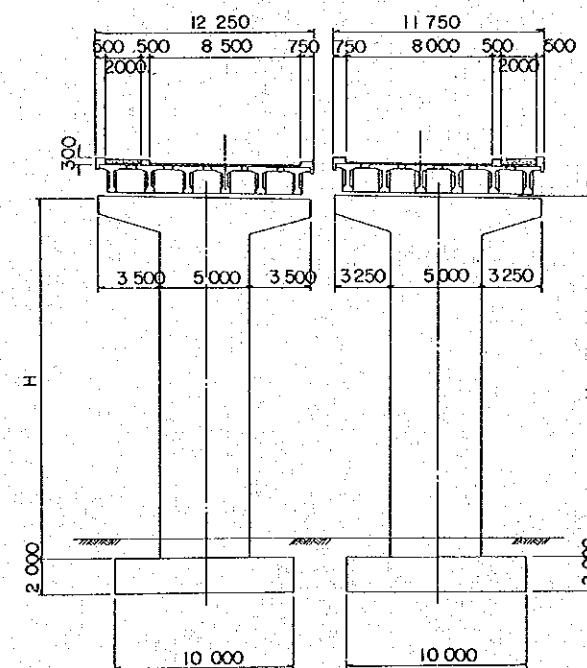
TYPICAL SIDE VIEW OF APPROACH BRIDGE S = 1 : 5000



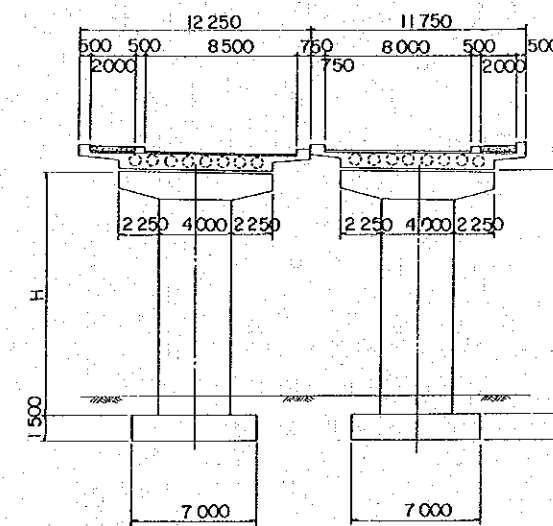
TYPICAL RIGID FRAME BRIDGE SECTION
S = 1 : 400



TYPICAL POST TENSIONED T-GIRDER BRIDGE SECTION
S = 1 : 400

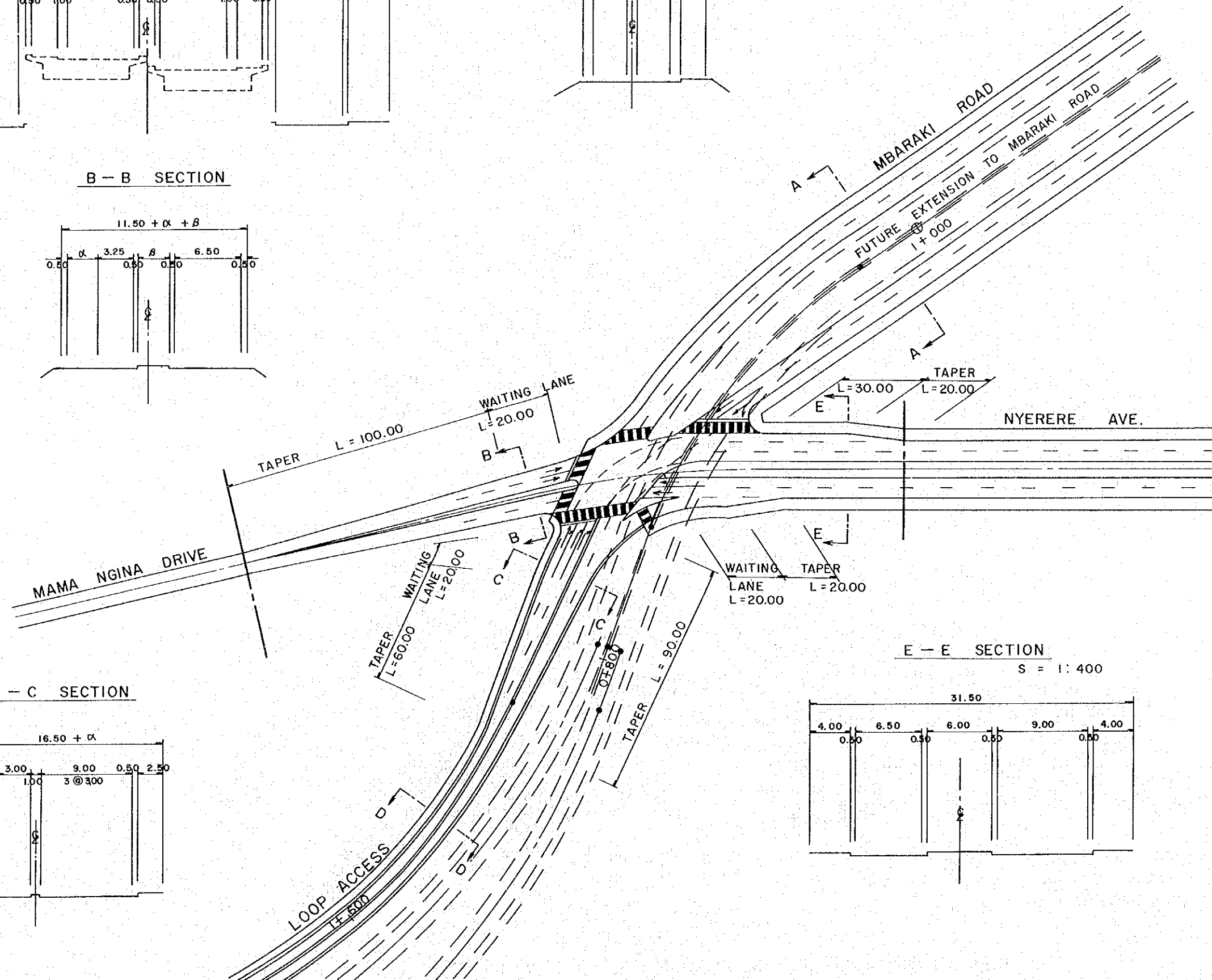
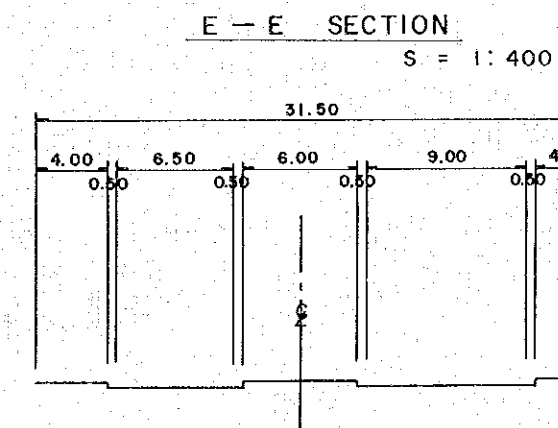
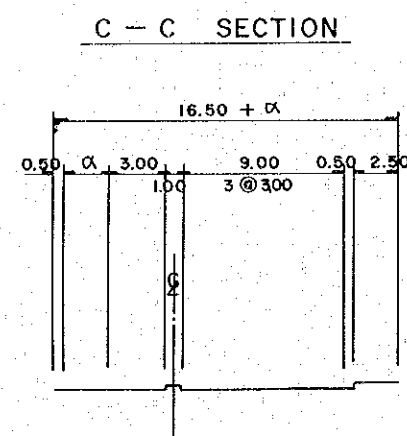
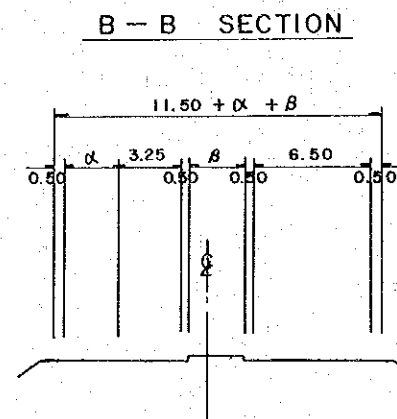
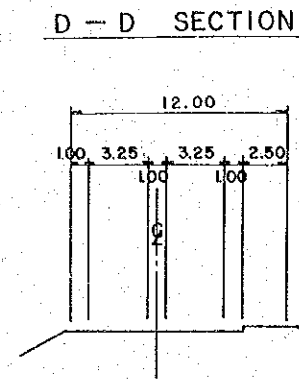
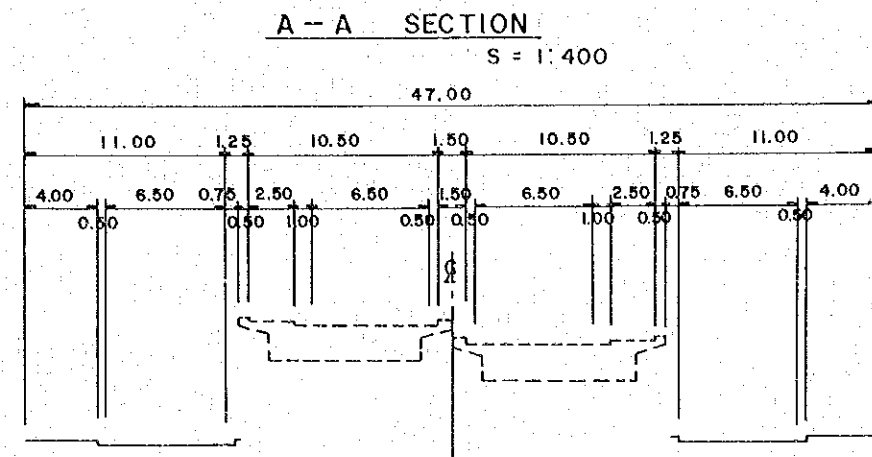


TYPICAL RC HOLLOW BRIDGE SECTION
S = 1 : 400



PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	1	3
MBARAKI	INTERSECTION	SCALE 1:1500

PHASE-I ACCESS FOR H=73.2m
Unit: Metre

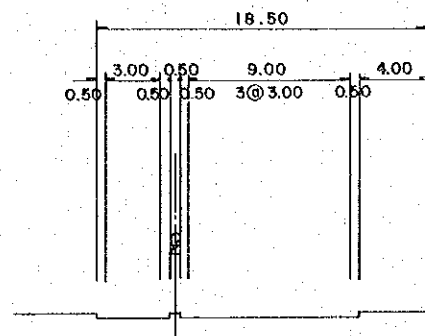


PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	2	3
DEDAN KIMATHI INTERSECTION SCALE 1:1500		

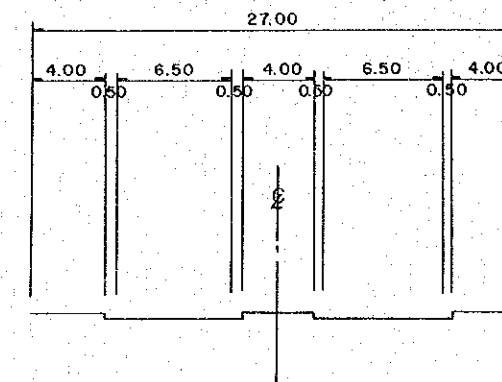
H= 55 AND 45m
Unit: Metre

C-C SECTION

S = 1:400

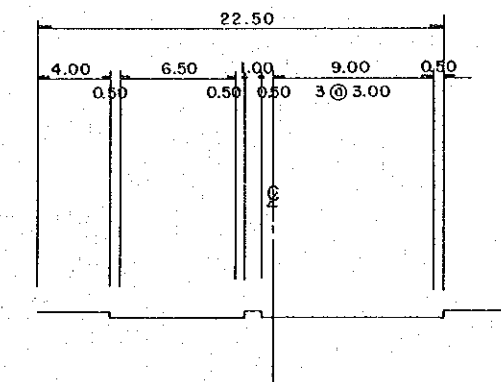


A-A SECTION

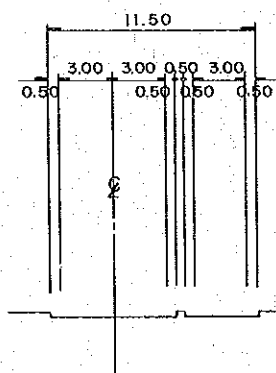


B-B SECTION

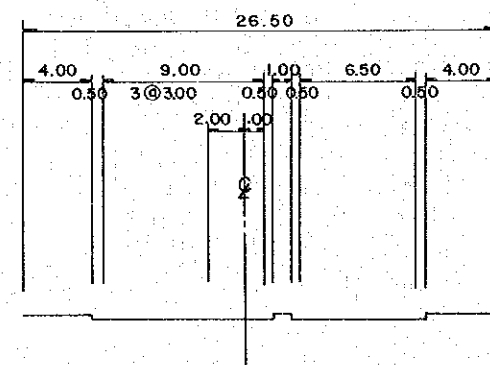
S = 1:400



D-D SECTION

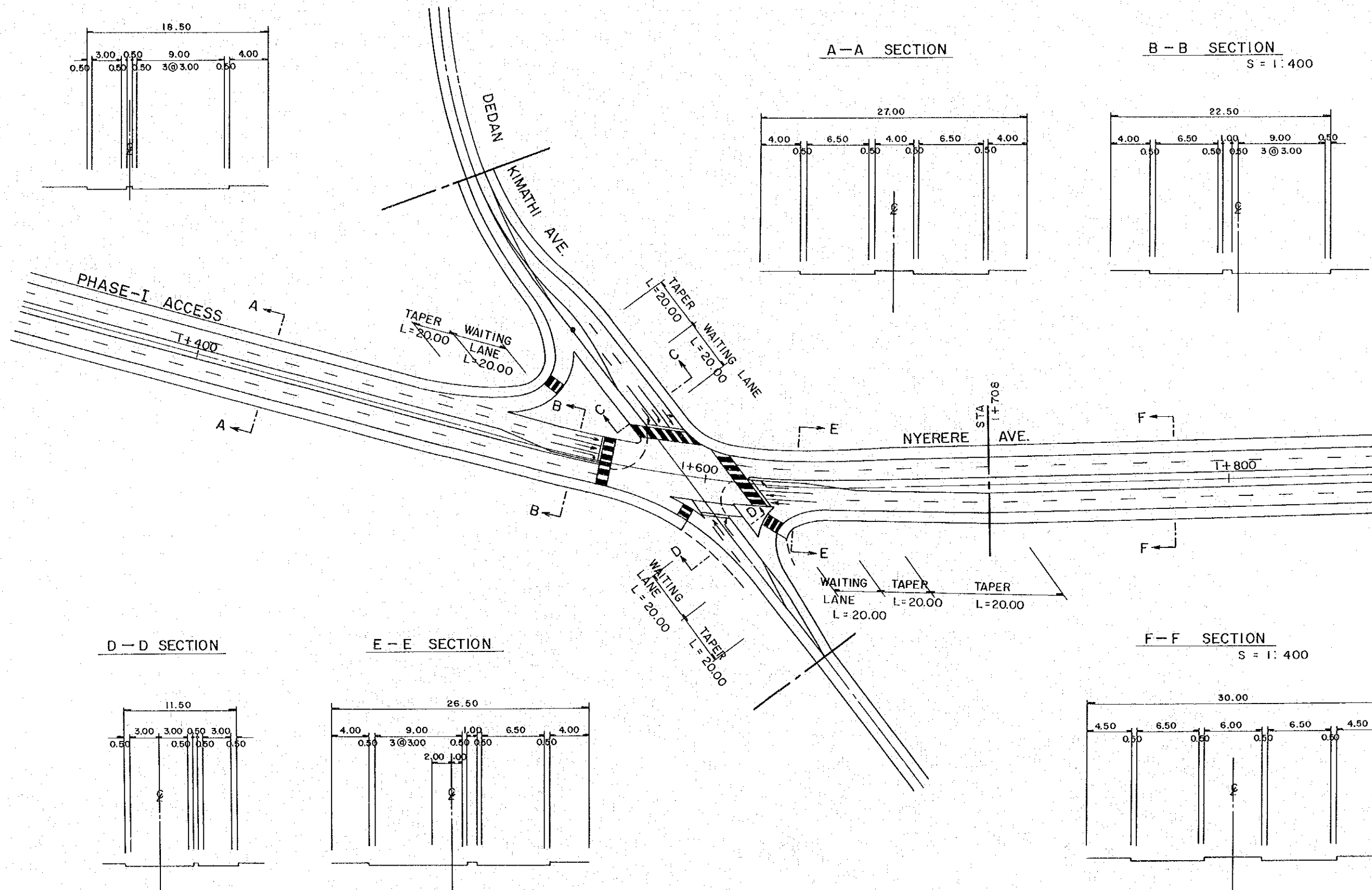
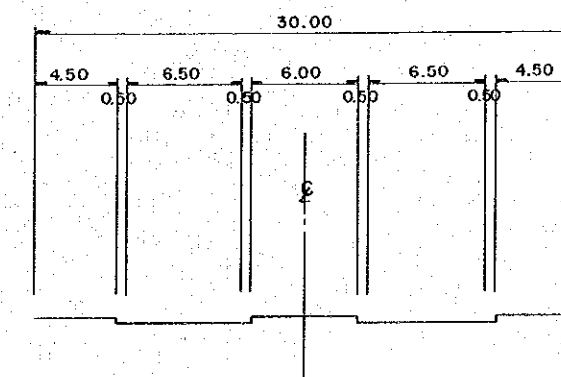


E-E SECTION

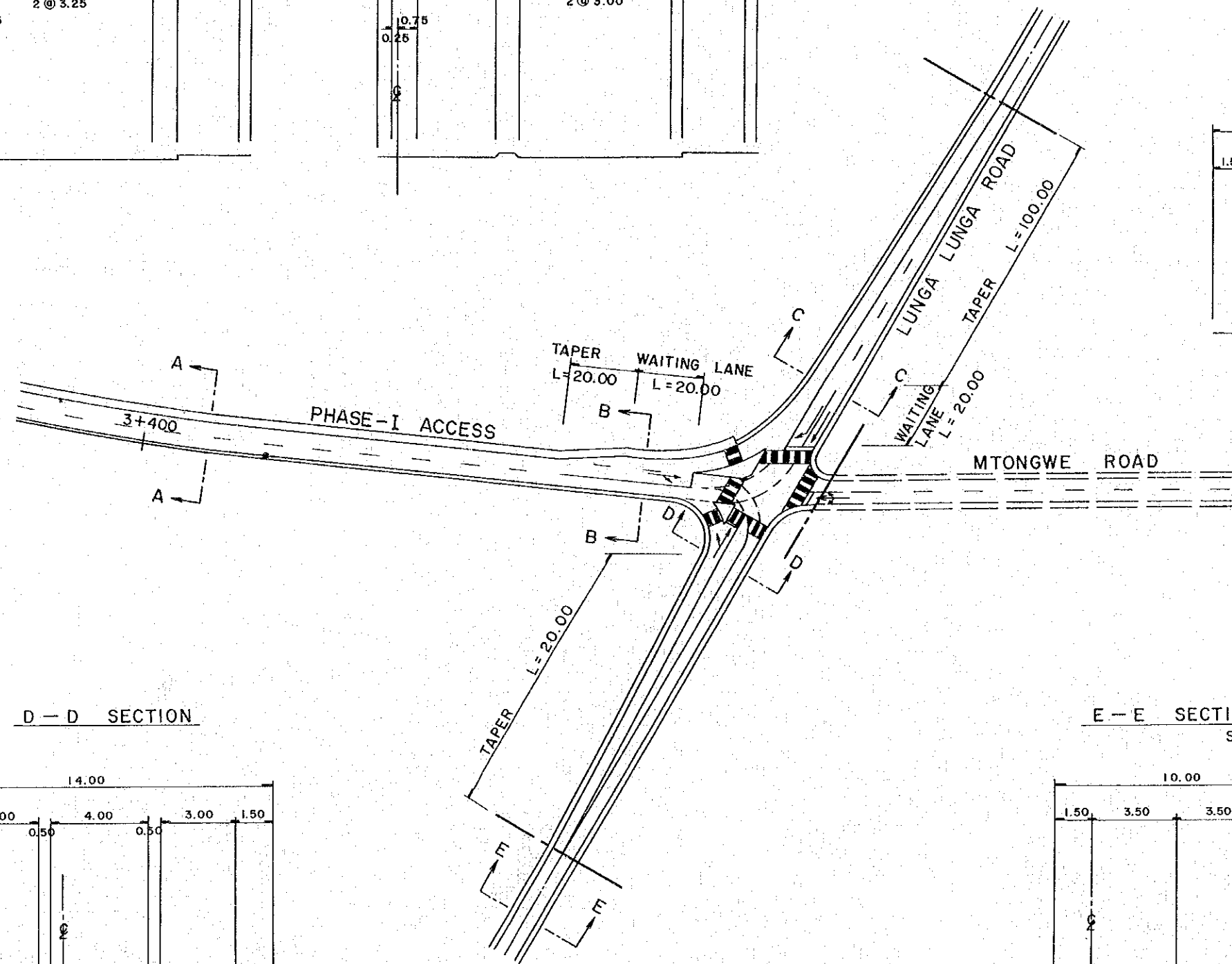
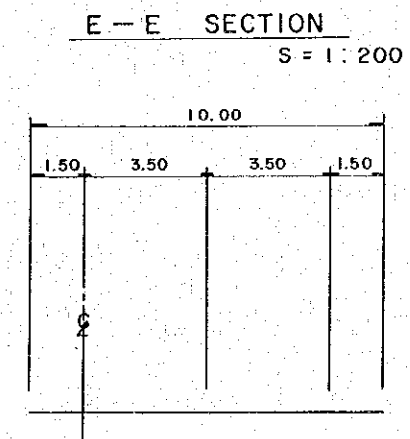
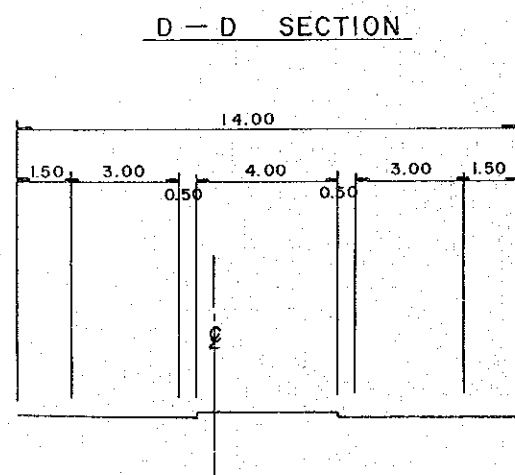
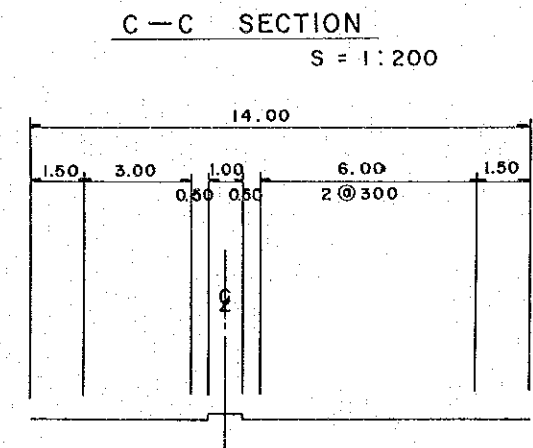
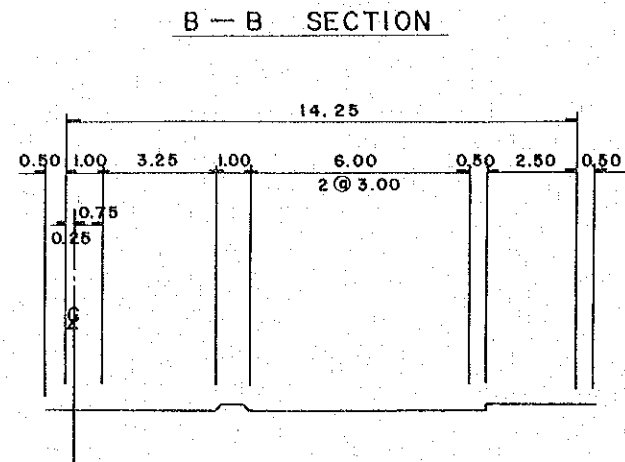
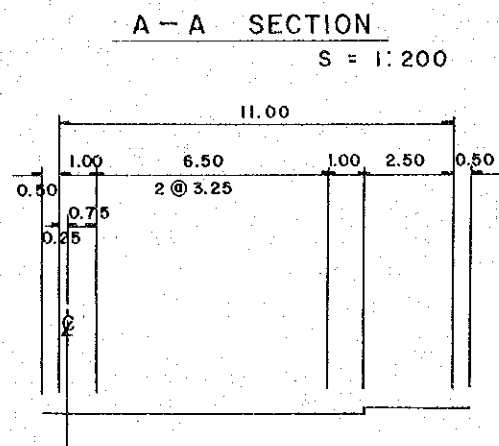


F-F SECTION

S = 1:400



PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	3	3
LUNGA LUNGA INTERSECTION SCALE 1:1500		
PHASE-I ACCESS IN LIKONI SIDE		
Unit : Metre		

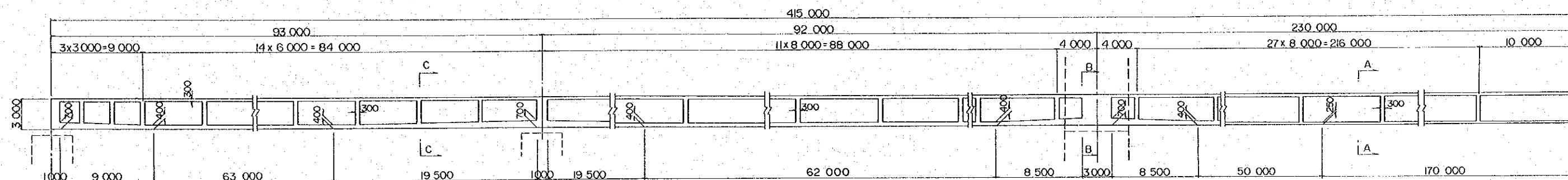


APPENDIX

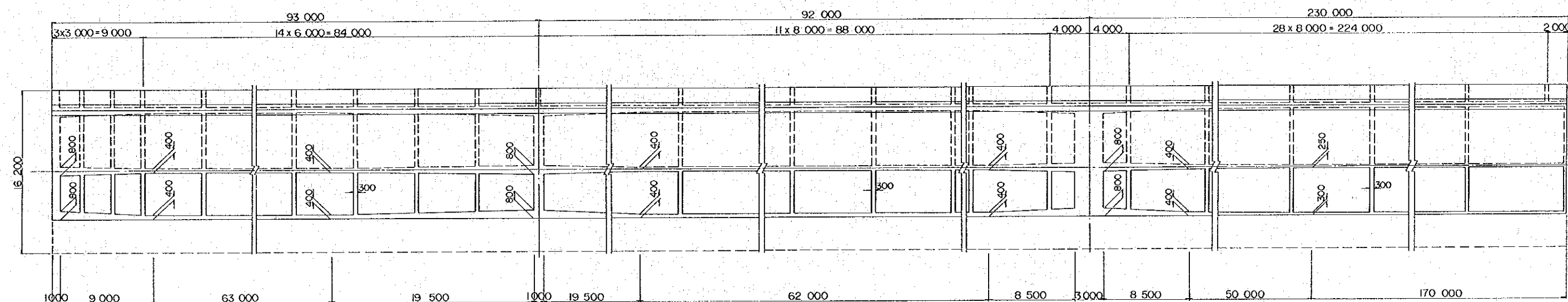
PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	I	8
DIMENSIONAL DETAILS OF P.C MAIN BRIDGE (I)		

Unit: Millimetre

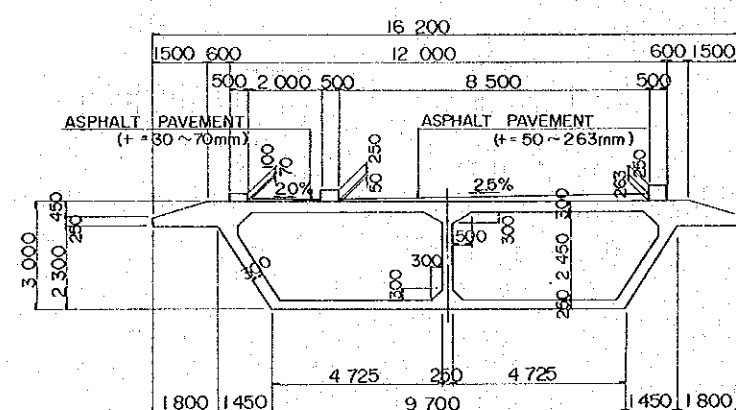
SIDE ELEVATION SCALE=1:400



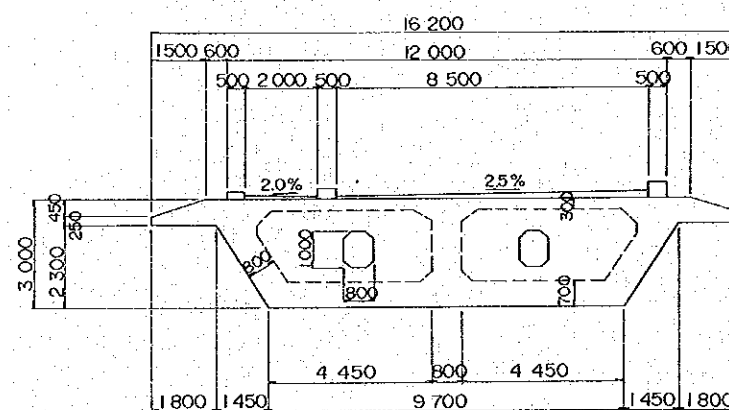
PLAN SCALE=1:400



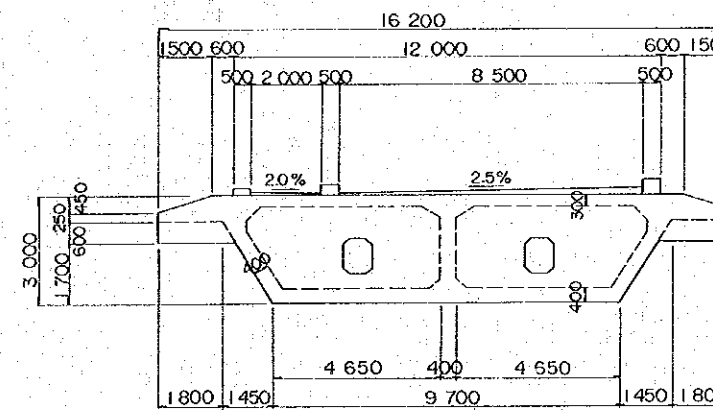
SECTION A - A SCALE=1:200



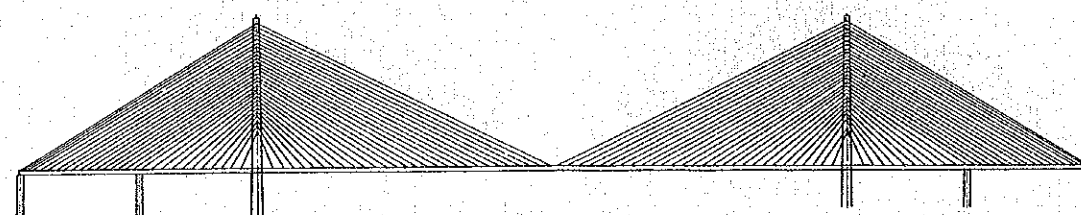
SECTION B - B SCALE=1:200



SECTION C - C SCALE=1:200



MARKING DIAGRAM

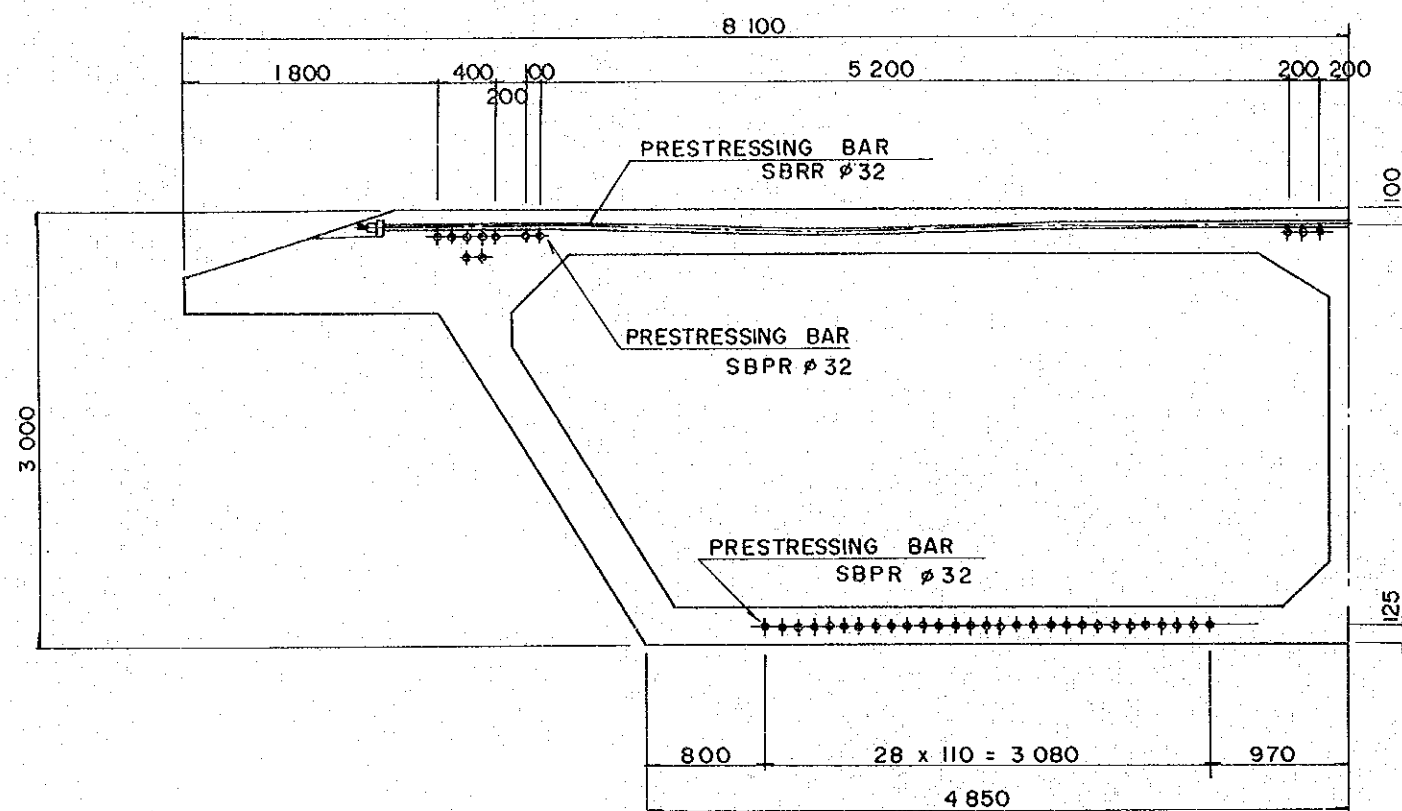


PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	2	8
DIMENSIONAL DETAILS OF PC MAIN BRIDGE (2)		

Unit: Millimetre

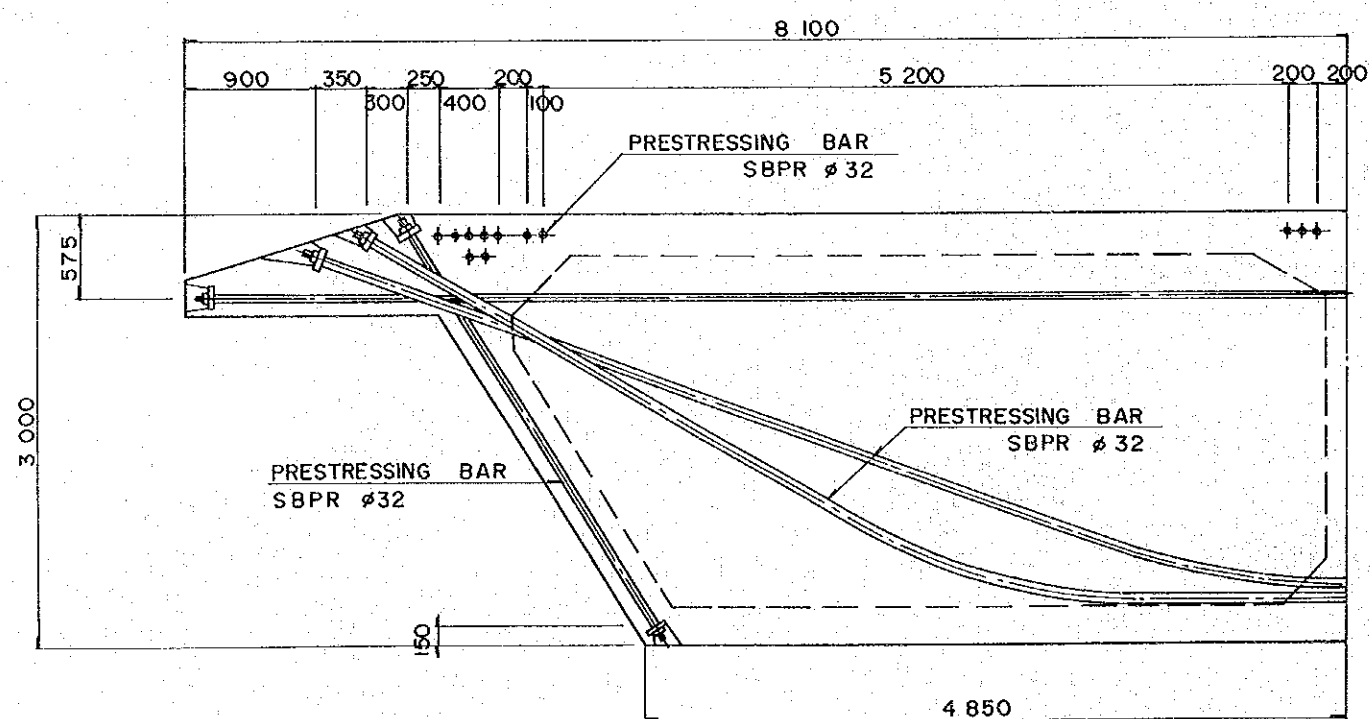
TYPICAL SECTION

SCALE = 1:50



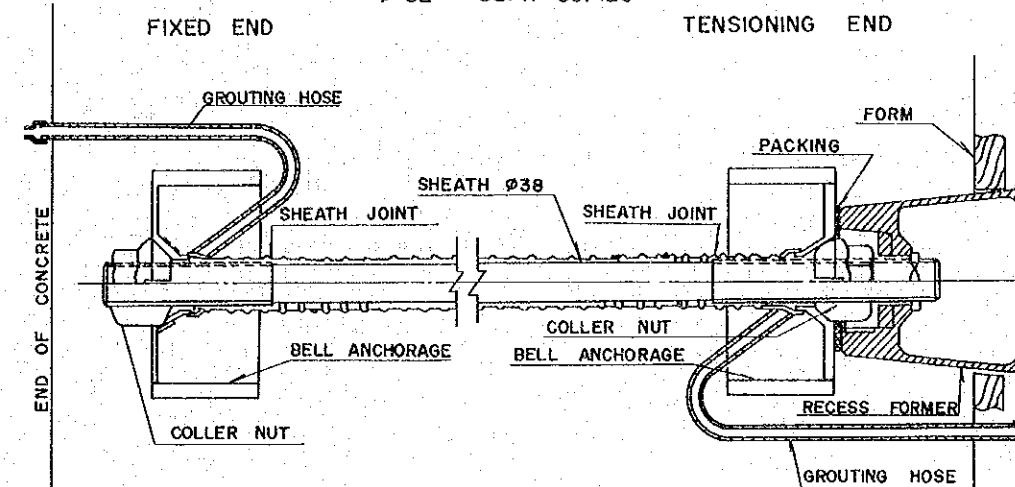
SECTION OF CABLE ANCHOR PORTION

SCALE = 1:50

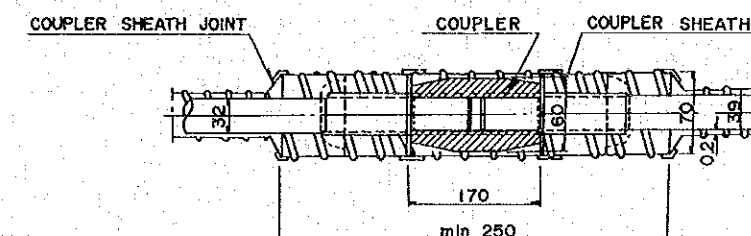


ANCHOR DETAIL

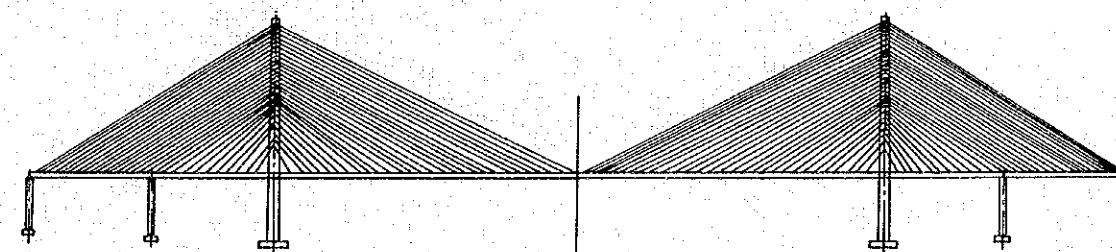
Ø 32mm SBPR 95/120



JOINT DETAIL



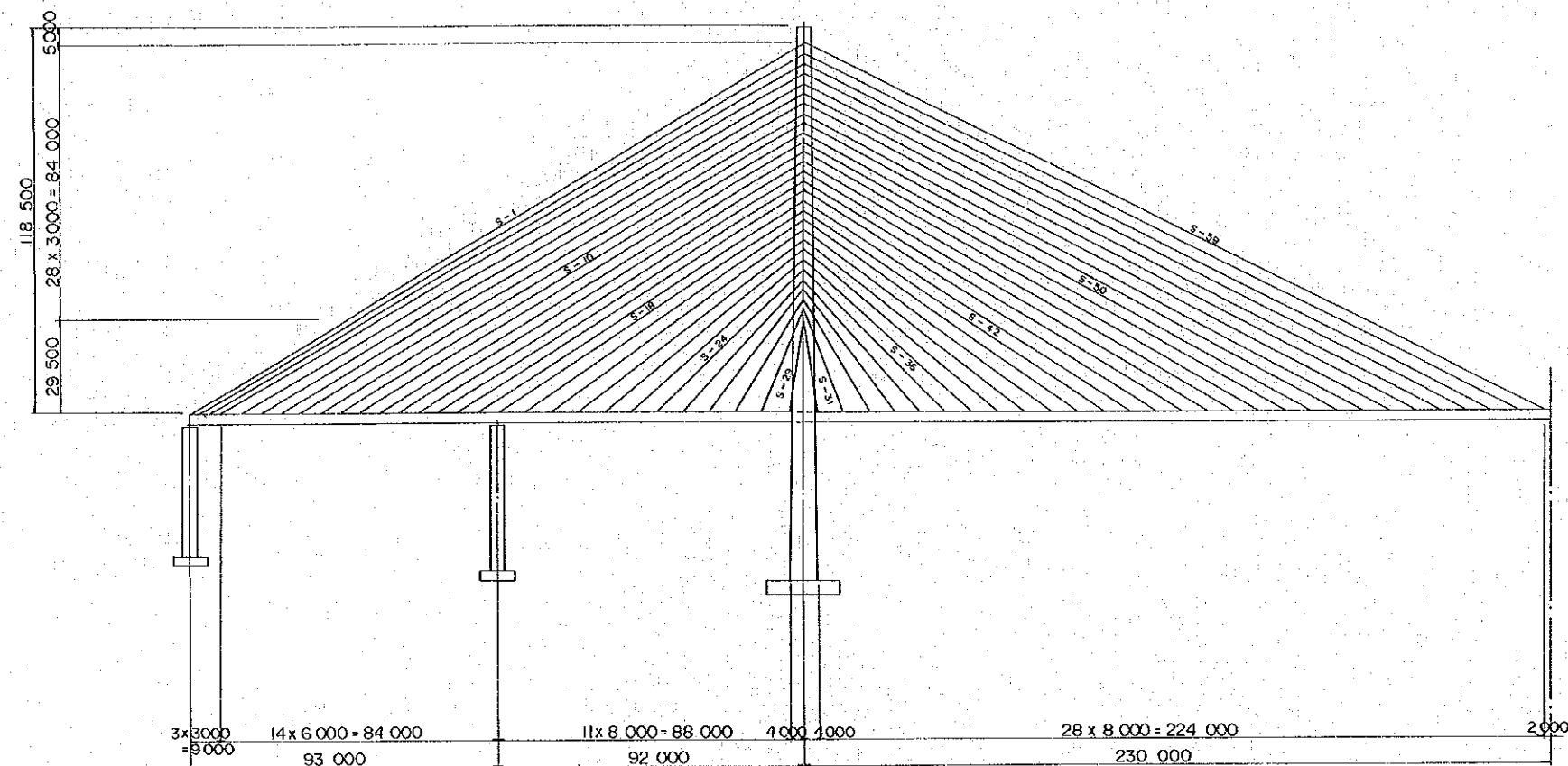
MARKING DIAGRAM



PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	3	8
DIMENSIONAL DETAILS OF P.C MAIN BRIDGE (3)		

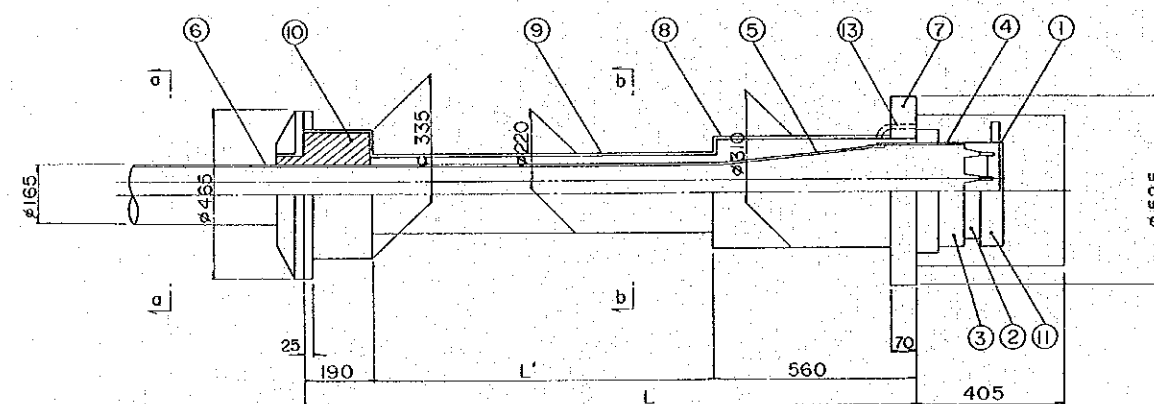
Unit: Millimetre

CABLE GEOMETRY SCALE=1:2000



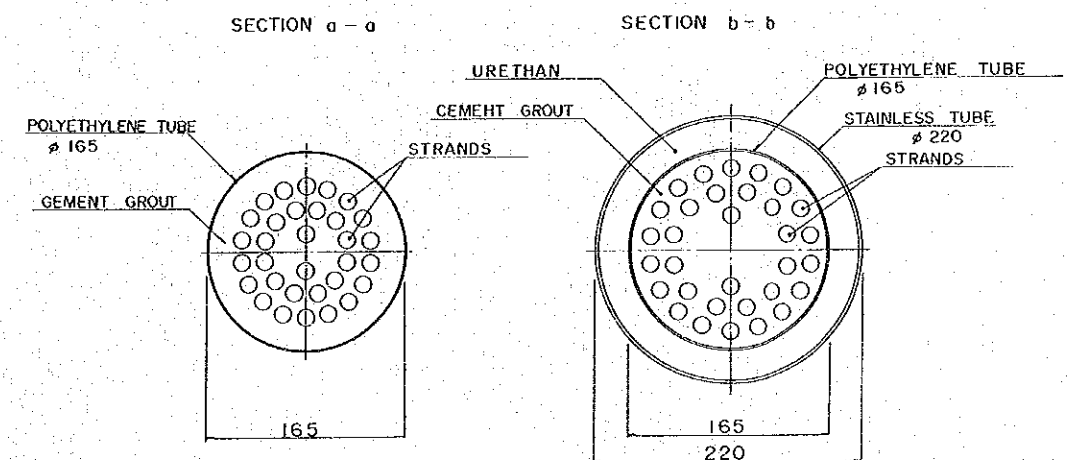
CABLE No.	Freyssinet H System
S-1	64 H 15
10	56 H 15
18	56 H 15
24	52 H 15
29	32 H 15
31	36 H 15
36	44 H 15
42	52 H 15
50	56 H 15
59	60 H 15

ANCHOR PIPE DETAIL SCALE=1:20



①	Wedge
②	Brack
③	Ring Nut
④	Adjusting Tube
⑤	Trumpet
⑥	Polyethylene Tube
⑦	Bearing Plate
⑧	Heavy Tube
⑨	Light Tube
⑩	Damper
⑪	Cap
⑫	Anchor Ring
⑬	Grouting Hole

TYPICAL CROSS-SECTION OF CABLE SCALE=1:6

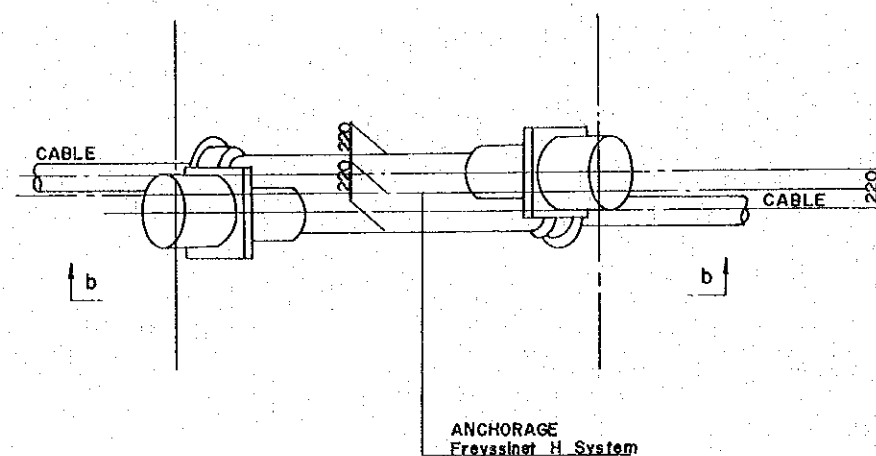


PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	4	8
DIMENSION DETAILS OF P.C MAIN BRIDGE (4)		

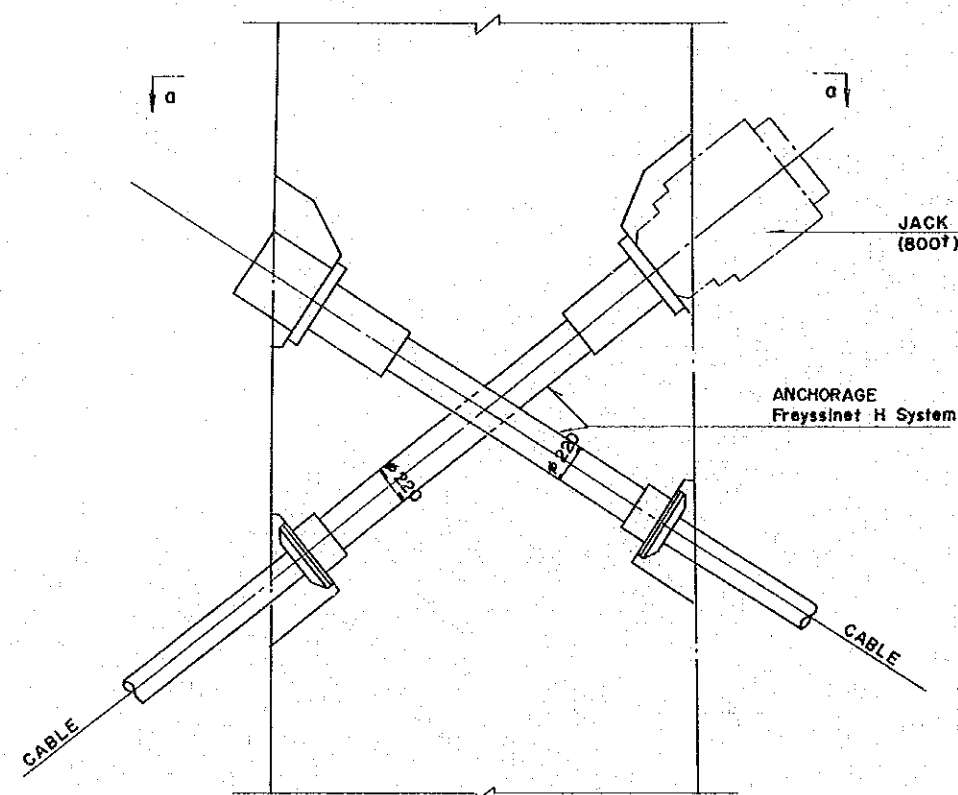
Unit: Millimetre

DETAIL A

SECTION a - a

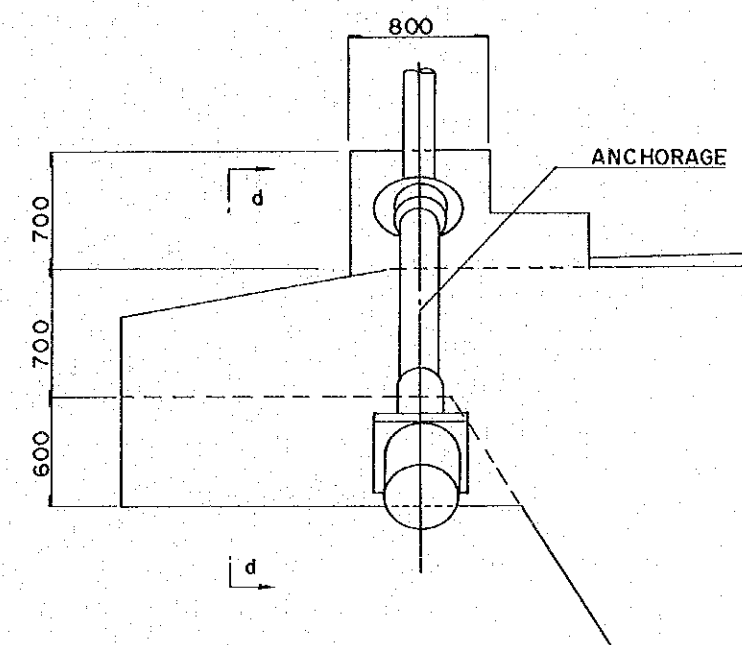


SECTION b - b

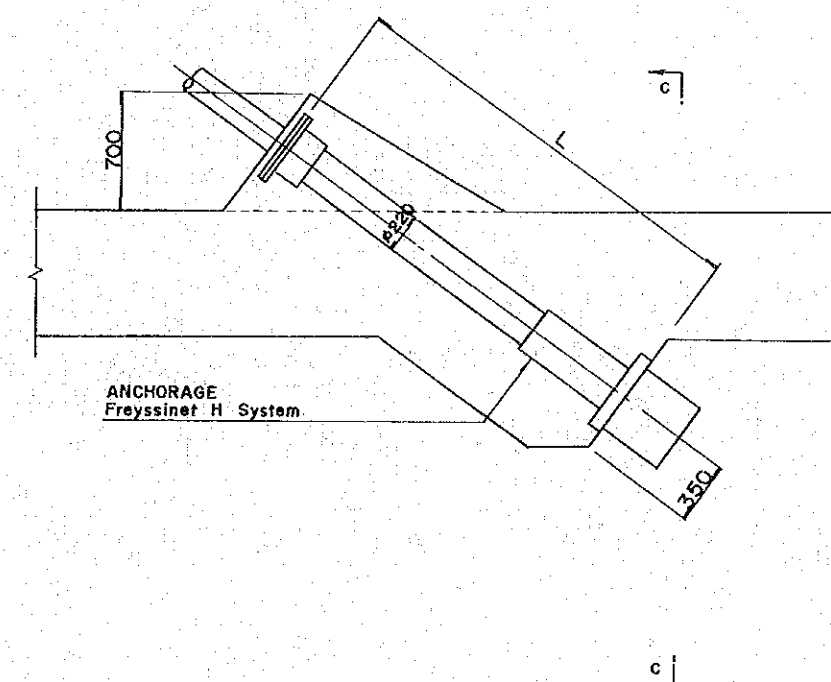


DETAIL B

SECTION c - c



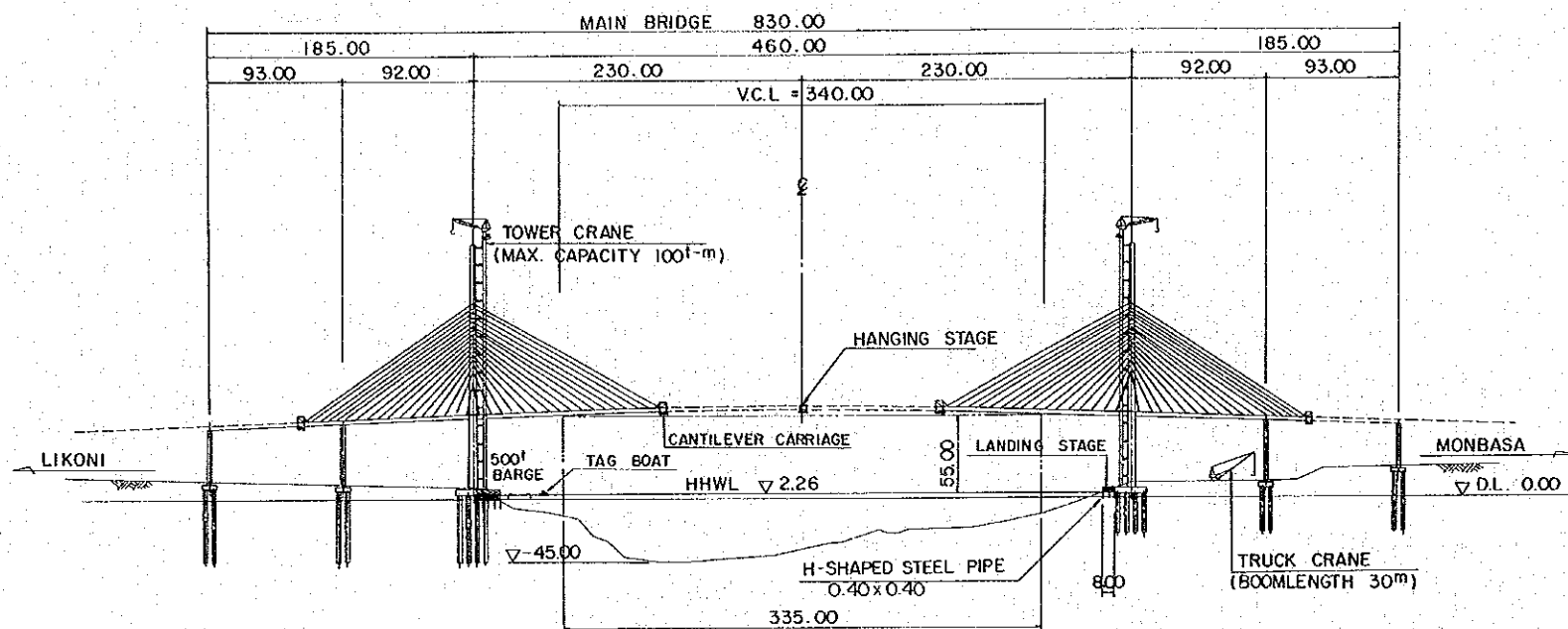
SECTION d - d



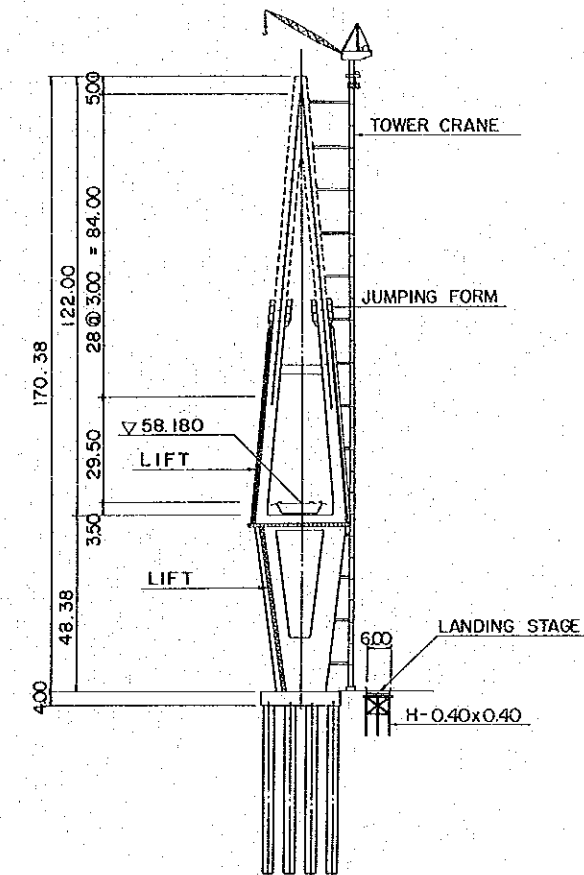
PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	5	8
ERECTION PLAN PC MAIN BRIDGE (5)		

Unit : Metre

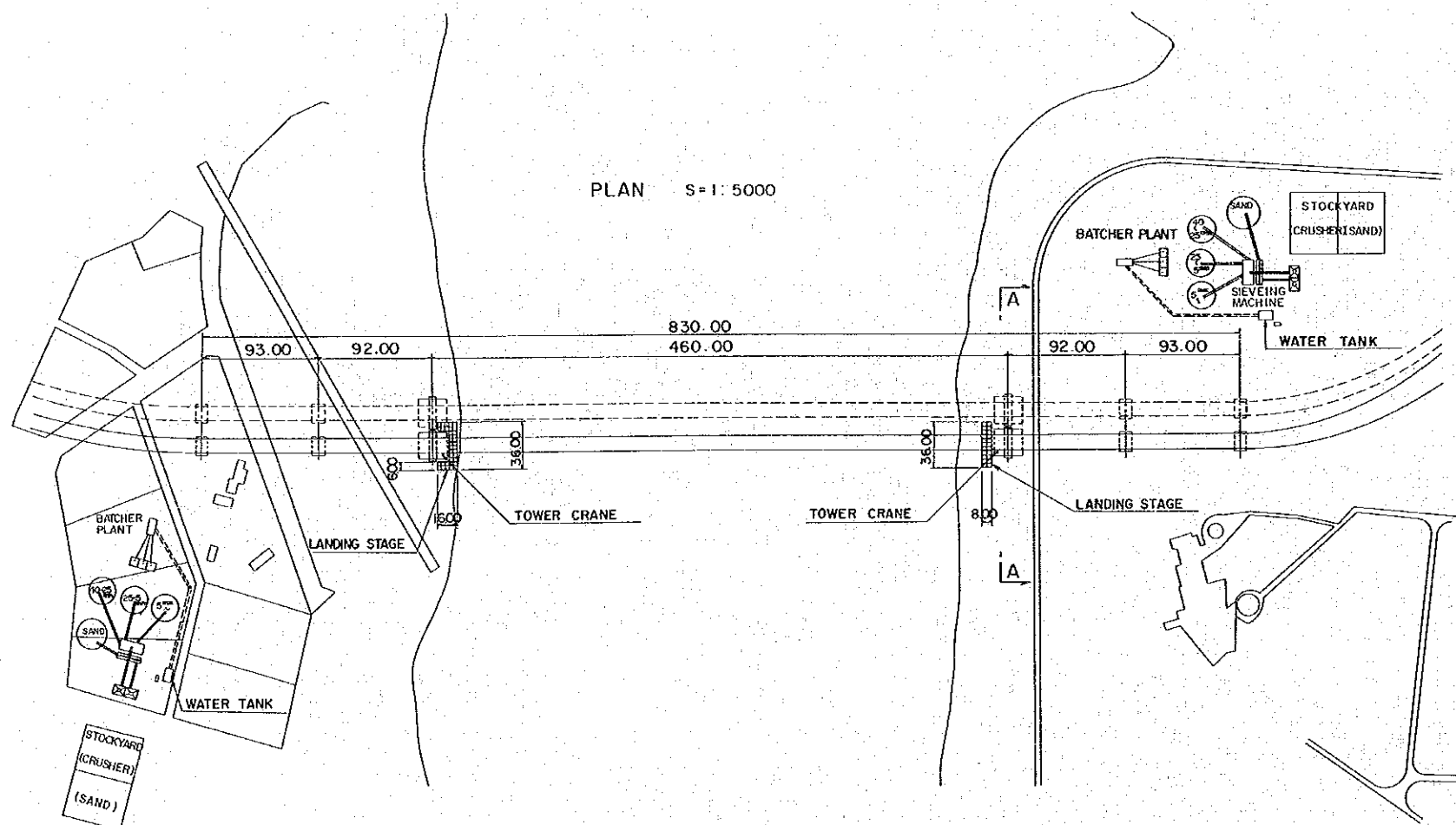
SIDE VIEW S = 1: 5000



A - A S = 1: 2000



PLAN S = 1: 5000

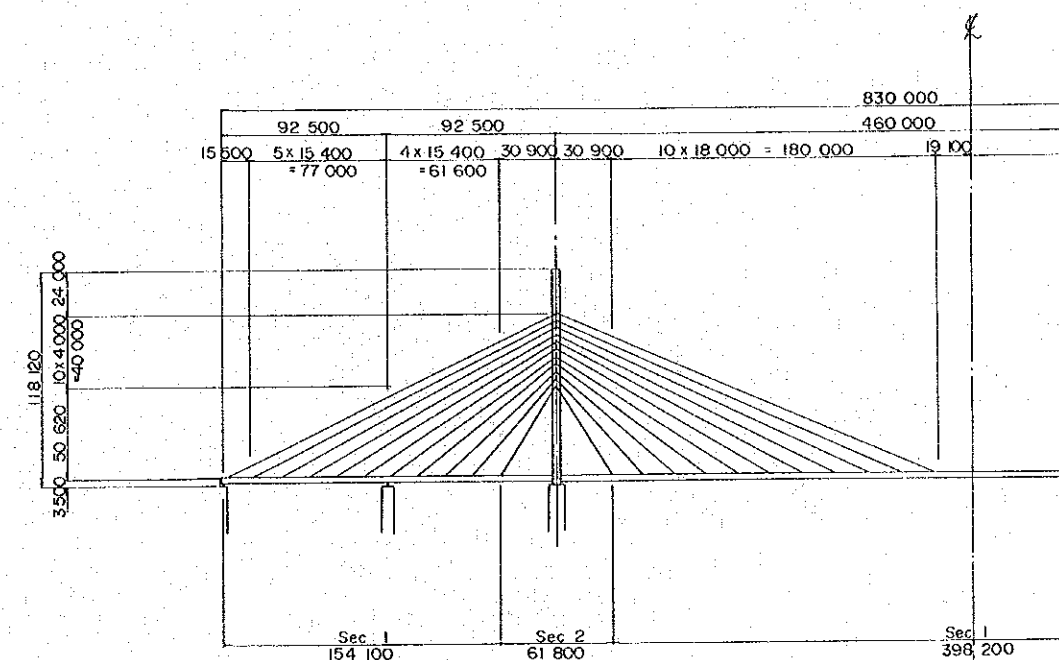
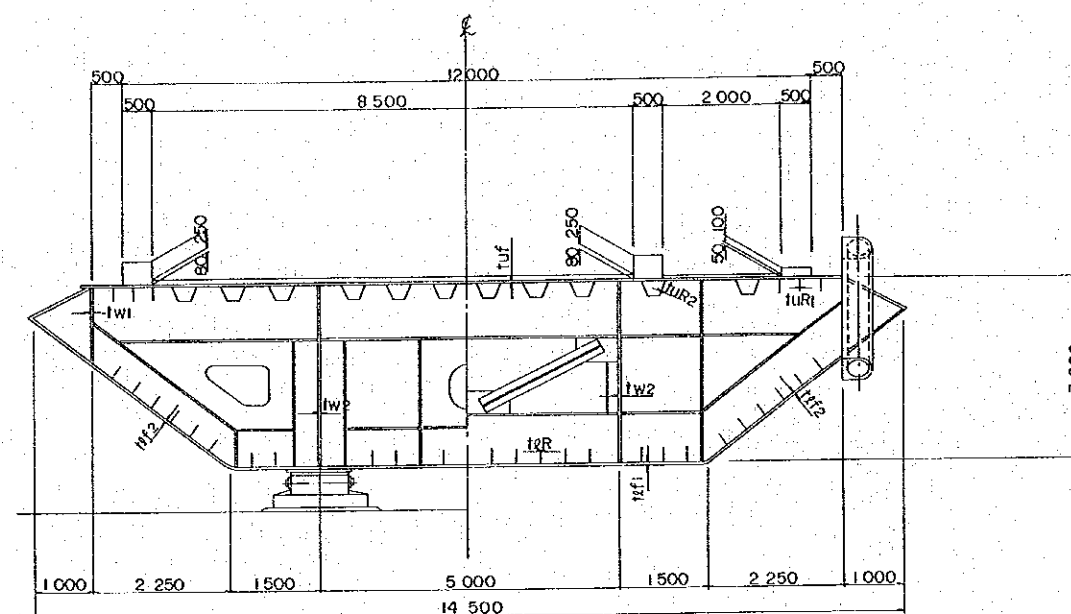


PROJECT	SHEET NO	TOTAL SHEET
LIKONI CROSSING	6	8

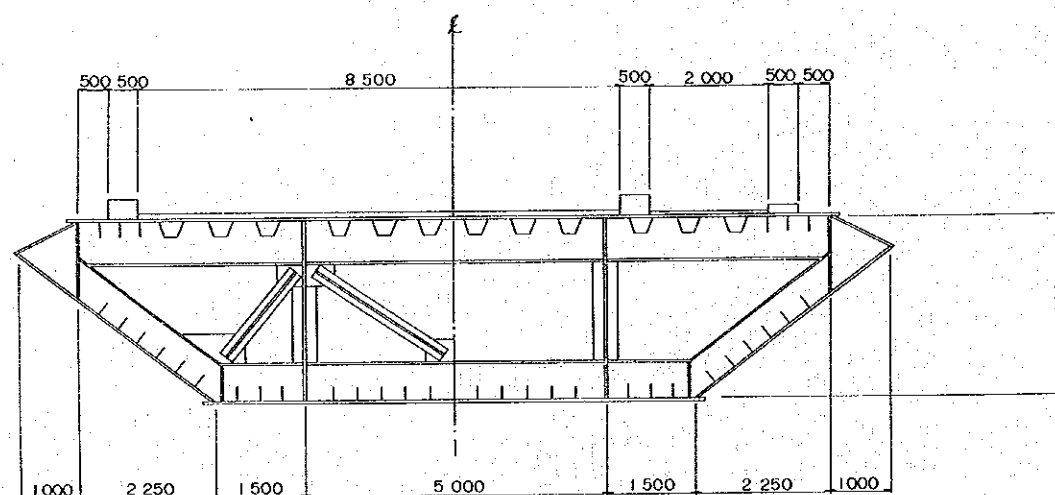
DIMENSIONAL DETAILS OF STEEL MAIN BRIDGE(I)

Unit: Millimetre

CROSS SECTION AT BEARING SUPPORT CROSS SECTION AT CABLE ANCHOR PORTION S=1:120



TYPICAL CROSS SECTION S=1:120



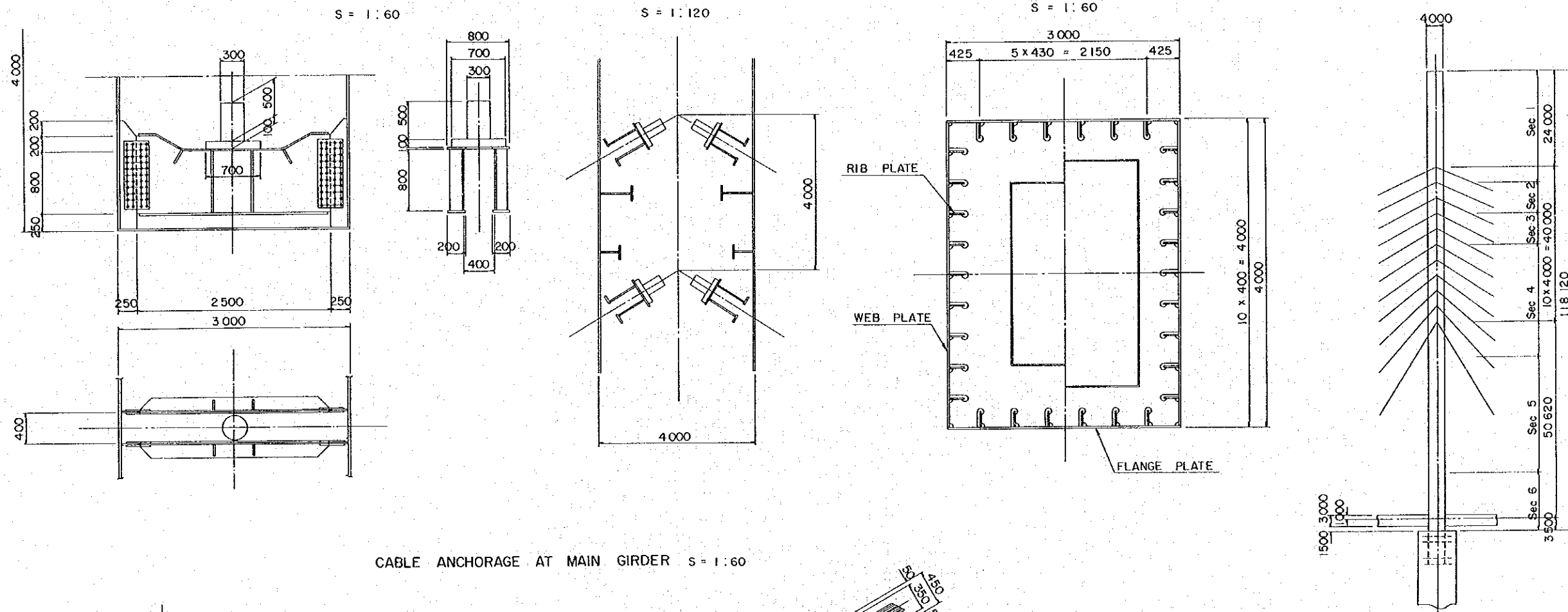
THICKNESS OF PLATE	UPPER FLANGE	LOWER FLANGE	OUTER FLANGE	OUTER WEB	INNER WEB	UPPER RIB	TROUGH TYPE RIB	LOWER RIB
SECTION	tuf	tlf1	tlf2	tw1	tw2	tuR1	tuR2	tlR
Sec 1	12	12	12	12	12	16	12	16
" 2	14	14	14	14	12	16	12	16

PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	7	8
DIMENSIONAL DETAILS OF STEEL MAIN BRIDGE (2)		

Unit : Millimetre

CABLE ANCHORAGE AT MAIN TOWER

MAIN TOWER

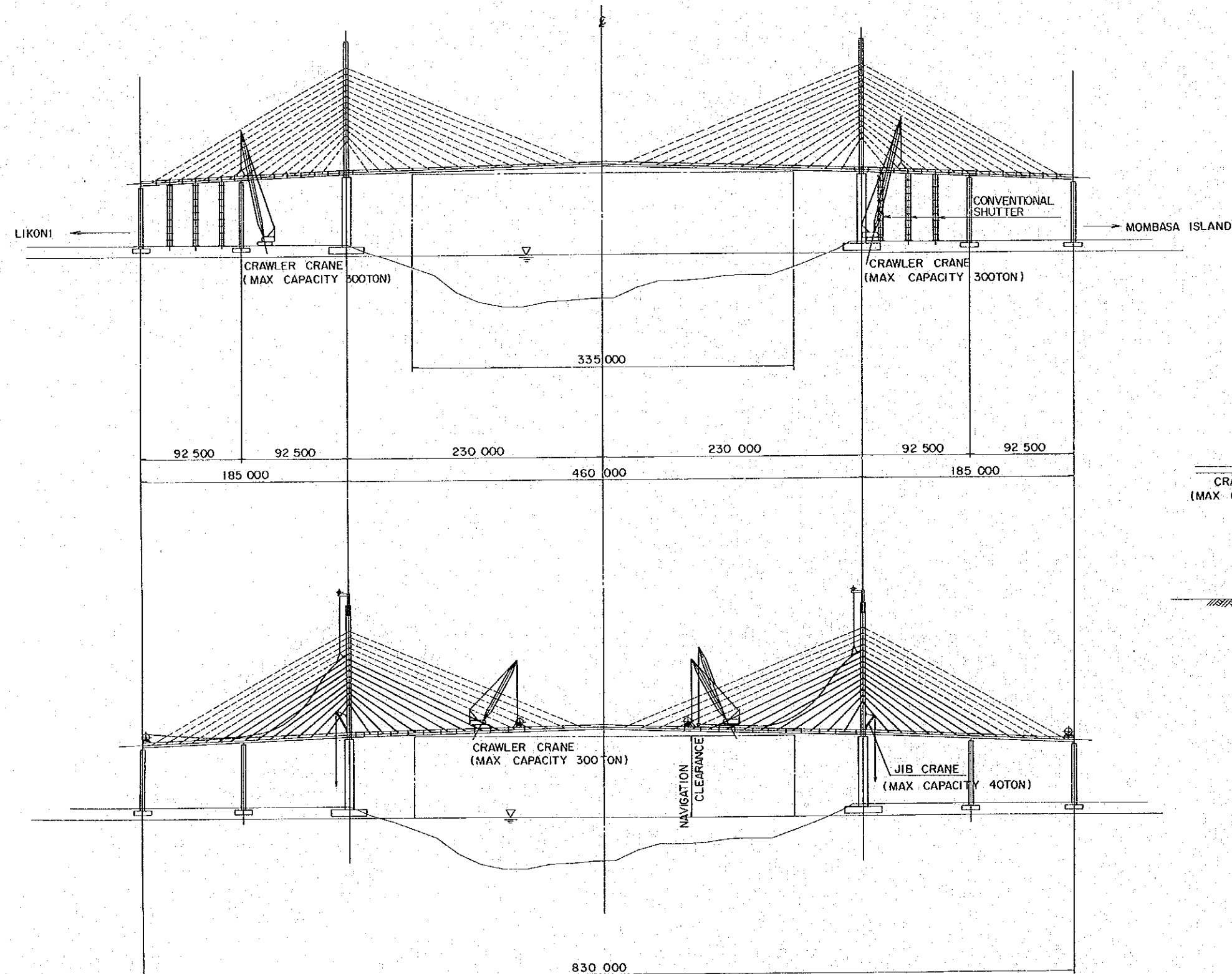


SECTION	THICKNESS OF PLATE	FLANGE	WEB	RIB
Sec 1		12	12	14
" 2		14	12	14
" 3		22	19	19
" 4		28	25	25
" 5		32	28	28
" 6		36	32	32

PROJECT	SHEET NO.	TOTAL SHEET
LIKONI CROSSING	8	8
ERECTION PLAN STEEL MAIN BRIDGE (3)		

Unit : Millimetre

ELECTION PLAN S=1:4 000



S=1:2000

