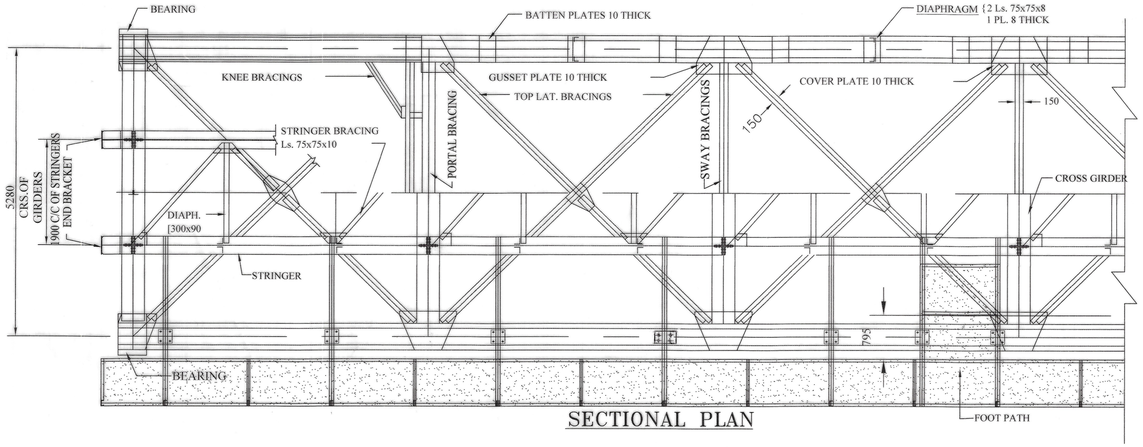
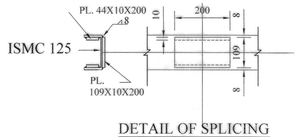
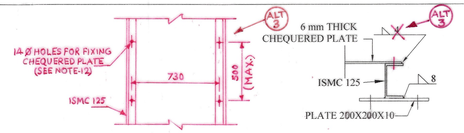


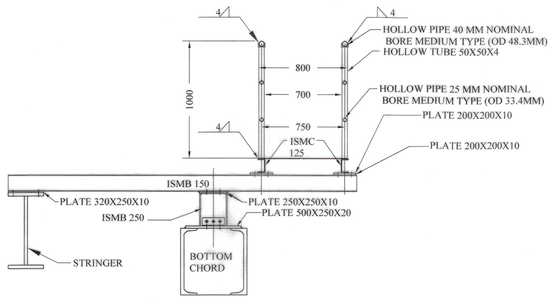
SECTIONAL PLAN



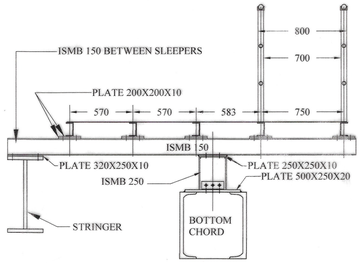
DETAIL OF SPLICING
(WHEREVER REQUIRED)



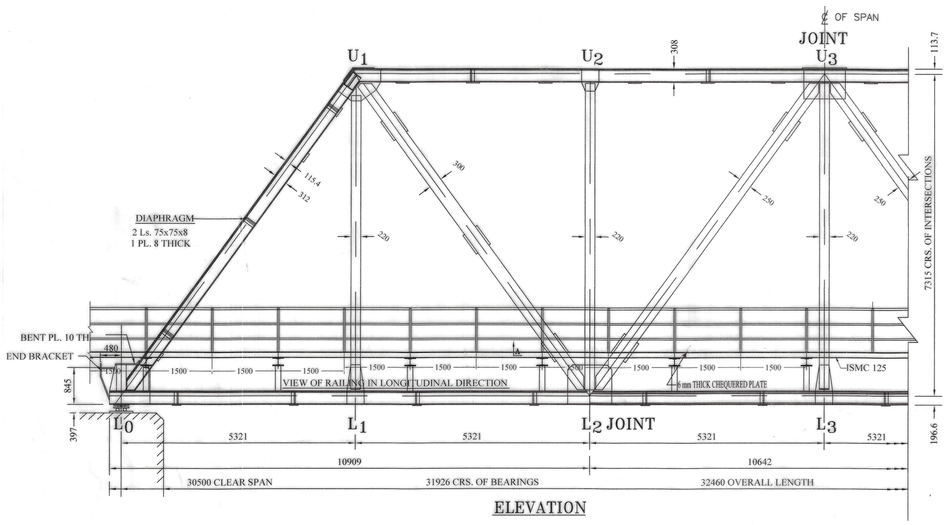
CHEQUERED PLATE CONNECTION WITH ISMC-125



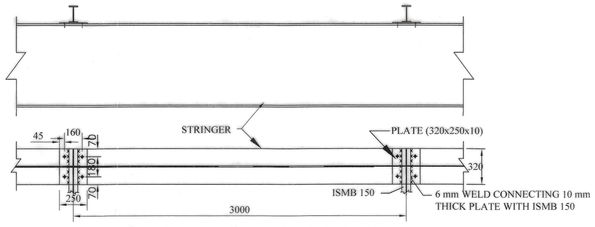
TYPICAL DETAILS OF OVERHANG FOOTPATH
(SECTION B-B)



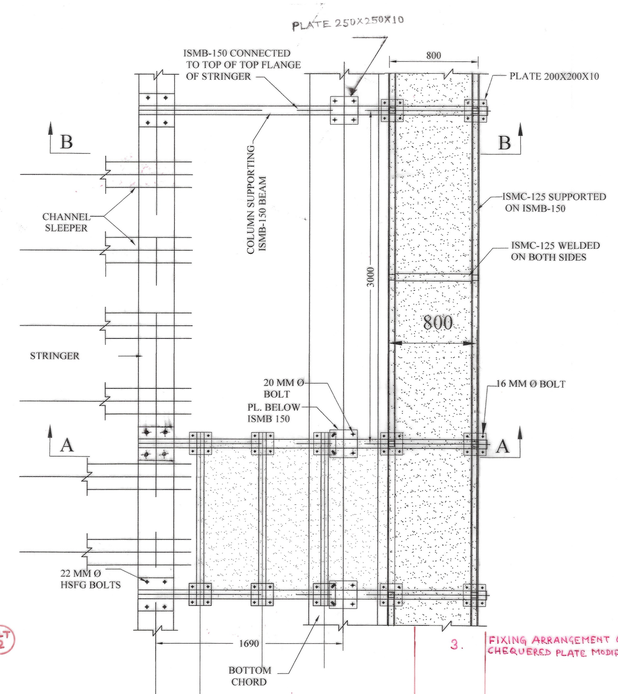
TYPICAL DETAILS OF OVERHANG FOOTPATH
(SECTION A-A)



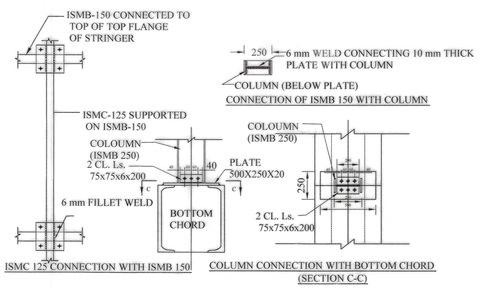
ELEVATION



CONNECTION OF ISMB 150 WITH STRINGER



PLAN OF EXTERNAL FOOTPATH



12. ANTI-SKID CHEQUERED PLATES FOR GANGWAY, TROLLY REFUGE, MAN REFUGE, SIDE PATHWAY ETC. SHALL BE CONFORMING TO LATEST IS 6911, ISS SYMBOL 403 M, MINIMUM 6 MM THICK (EXCLUDING BEAD HEIGHT) WITH FLAT BOTTOM AND TOP PATTERN CONFORMING TO IS 3502, 1A. FOR COASTAL / CORROSIVE AREAS, THICKNESS MAY BE SUITABLY INCREASED DEPENDING UPON SEVERITY OF CORROSION. APPROPRIATE MATCHING STAINLESS STEEL GRADE FASTENERS AS RECOMMENDED BY MANUFACTURER SHALL BE USED. ALT 2

1. ALL DIMENSIONS ARE IN MILLIMETRE.
2. ◆ SYMBOL FOR 22 mm DIA. HSFG BOLTS.
3. WHEREVER BOTTOM CHORD DOES NOT HAVE TOP PLATE SUITABLE TOP PLATE SHOULD BE CONNECTED TO TOP OF BOTTOM CHORD FOR CONNECTION OF BOTTOMCHORD WITH COLOUMN.
4. MATERIAL SHOULD CONFIRM TO IS:2062. GRADE E-250(Fe410), QUALITY A. ALT 1
5. THIS ARRANGEMENT IS FOR 30.5 m SPAN THROUGH OPEN WEB GIRDER BRIDGE. THERE MAY BE SOME MINOR MODIFICATIONS FOR ITS APPLICATION ON OTHER STANDARD SPANS OF THROUGH OPEN WEB GIRDER BRIDGES, WHICH SHOULD BE DONE LOCALLY
6.(A) FOR 30.5 m SPAN PROVIDE ONE MAN REFUGE NEAR THE VERTICAL OF JOINT L3. (MAN REFUGE SPACING AROUND 32 m.)
(B) FOR 45.7 m SPAN PROVIDE TWO MAN REFUGES NEAR THE VERTICAL OF JOINTS L3 & L7. (MAN REFUGE SPACING AROUND 24 m.)
(C) FOR 61.0 m SPAN PROVIDE FOUR MAN REFUGES NEAR THE VERTICAL OF JOINTS L1, L3,L5 & L7. (MAN REFUGE SPACING AROUND 17 m.)
(D) FOR 76.2 m SPAN PROVIDE FIVE MAN REFUGES NEAR THE VERTICAL OF JOINTS L1, L3,L5 , L7 & L9. (MAN REFUGE SPACING AROUND 17 m.)
7. SLOPE OF 1 IN 200 AWAY FROM CENTRE OF TRACK (TOWARDS OUT SIDE) SHOULD BE PROVIDED FOR DRAINAGE
8.THIS DRAWING IS SUTIBALE MAXIMUM SPAN OF PATHWAY UPTO 3 M ALONG TRAFFIC.
9. MAXIMUM OVERHANG FROM FACE OF BOTTOM CHORD SHOULD NOT BE MORE THAN 1.0M.
10. MAXIMUM DESIGN LIVE LOAD IS 300kg/sq.m
11. THIS DRAWING SUPERSEDES DRG. NO. CBS 0028.

NOTE

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R. D. S. O.

TYPICAL ARRANGEMENT FOR PATHWAY FOR OPEN WEB GIRDER

PROVISIONAL

CBS 0045

SPECIFICATION	SCALE	ALT:	DESCRIPTION	DATE
IRS: B1 - 2001	NIL	3.	FIXING ARRANGEMENT OF CHEQUERED PLATE MODIFIED	ED/BES 15/12/17 DBS/BES ADE/BES
		2.	NOTE NO 12 ADDED.	ED/BES 15/12/17 DBS/BES ADE/BES
		1.	NOTE ALTERED.	ED/BES 28/12/17 DBS/BES 28/12/17 ADE/BES

CALCULATION REGISTER NO. DD/	DRAWN BY: PRAMOD SAH(SSE)	SCRUTINIZED & CHECKED BY: H.O.NARAYAN (ADE /SS-III)	SCRUTINIZED & CHECKED BY: SRIJAN TRIPATHI (DBS /SB-I) 29/12/17	APPROVED BY: A. K. DADARYA (EDBS) 29/12/17	AUTOCAD FILE NO.	
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CHECKED BY: A. K. SAH/(SSE)						