

DESIGN IS NOT SUITABLE FOR THE CONDITION
"BAYS BLOCKED ALONG THE LINE OF COLUMNS"

MATERIAL FOR ALTERNATIVE
ARRANGEMENT VIDE NOTE No.12

No. REQD.	DESCRIPTION
34	1030 LONG A.C.C.SHEET FOR SINGLE BAY
32	1030 LONG A.C.C. SHEET FOR EACH ADDL. BAY

FORCES AT THE BASE OF FOUNDATION

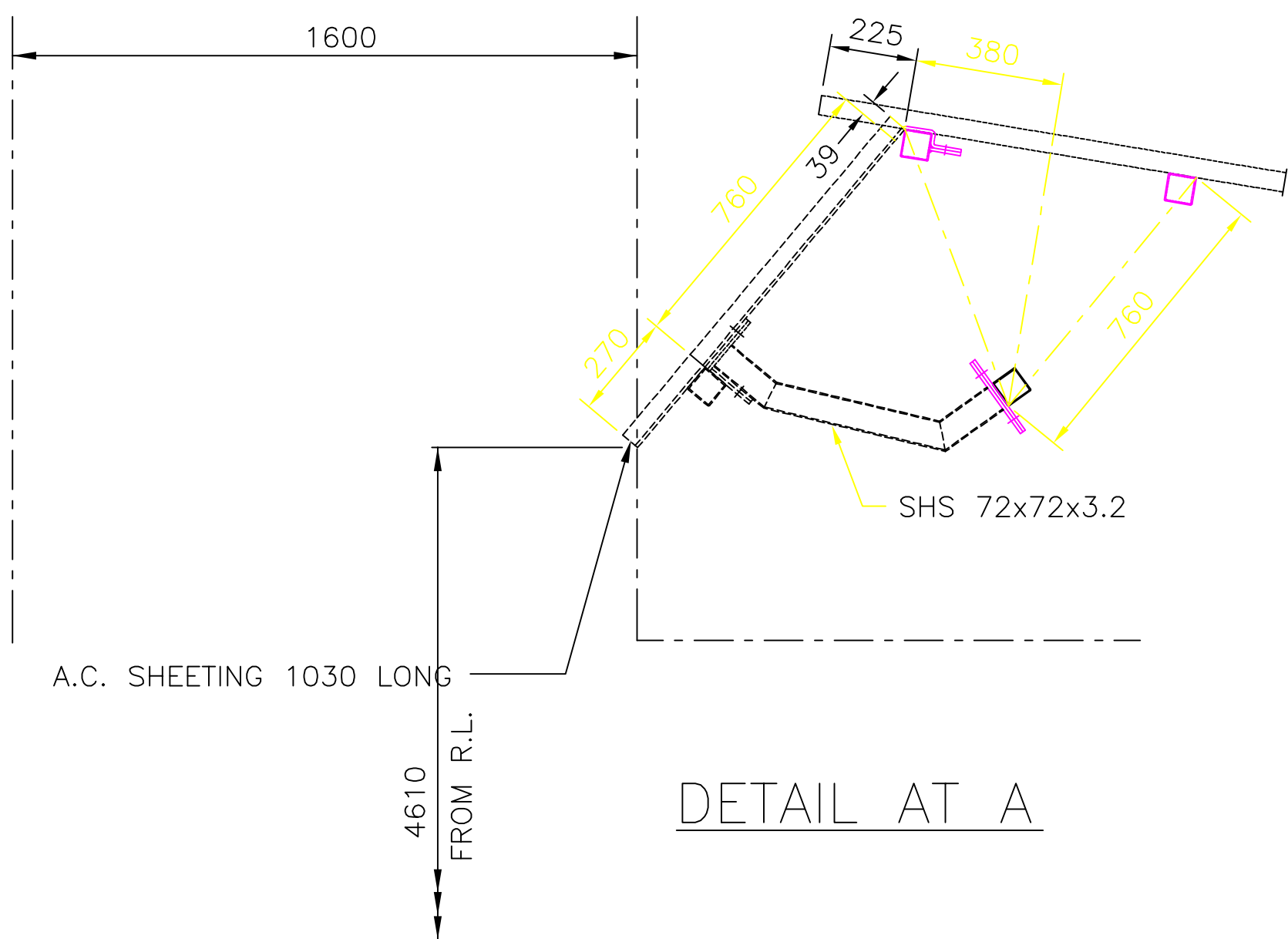
DESCRIPTION	WITHOUT WIND LOAD	WITH WIND LOAD
MOMENTS	—	12 tm
VERT. LOAD	31.0 t.	25.0 t.

RELATED DRAWINGS

DESCRIPTION	REFERENCE
STANCHION	RDSO/R-10641/1
CANTILEVER TRUSS	RDSO/R-10641/2
WELDED PURLIN	RDSO/R-10641/3
ANGLE IRON RUNNER FOR ROOF & SIDE SHEETING	RDSO/R-10641/4
GABLE END COVERING	RDSO/R-10641/5
C.I. PIPE AND VALLEY GUTTER	RDSO/R-10641/6
TYPICAL DESIGN OF FOUNDATION	RDSO/R-10641/7

No. REQD.	DESCRIPTION FOR EACH ADDITIONAL BAY	DRG. No.
64	2500 LONG A.C.C. SHEETS	
32	1250 LONG A.C.C. SHEETS	
1	A.C. VALLEY GUTTER 16000 LONG	RDSO/R-0000
1	150 DIA: C.I. DOWN PIPE	RDSO/R-0000
4	JOINING PIECES BETWEEN SPANS FOR RUNNERS	RDSO/R-0000
2	RUNNERS SUPPORTING SIDE SHEETING	RDSO/R-0000
2	RUNNERS SUPPORTING ROOF SHEETING	RDSO/R-0000
8	JOINING PIECES BETWEEN SPANS FOR PURLINS	RDSO/R-0000
5	PURLINS	RDSO/R-0000
1 PAIR	INTERMEDIATE CANTILEVER TRUSSES	RDSO/R-0000
1	INTERMEDIATE STANCHION	RDSO/R-0000
8	DIA.x255 LONG CRANK BOLTS WITH NUTS	
8	DIA.x240 LONG CRANK BOLTS WITH NUTS	
	BITUMEN WASHERS TO SUIT 8 DIA. CRANK BOLTS	
	FLAT WASHERS TO SUIT 8 DIA. CRANK BOLTS	

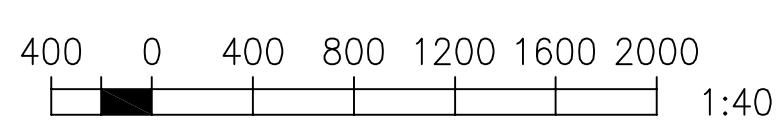
No. REQD.	DESCRIPTION FOR SINGLE BAY	DRG. No.
68	2500 LONG A.C.C. SHEETS	
34	1250 LONG A.C.C. SHEETS	
2	GABLE ENDS	RDSO/R-0000
2	A.C. STOP ENDS	RDSO/R-0000
2	A.C.VALLEY GUTTER FOR END COLUMN	RDSO/R-0000
1	A.C VALLEY GUTTER 16000 LONG	RDSO/R-0000
2	150 DIA. C.I. DOWN PIPES	RDSO/R-0000
8	END OVERHANGS FOR SIDE AND ROOF RUNNERS	RDSO/R-0000
2	RUNNERS SUPPORTING SIDE SHEETING	RDSO/R-0000
2	RUNNERS SUPPORTING ROOF SHEETING	RDSO/R-0000
16	EXTENSION PIECES	RDSO/R-0000
5	PURLINS	RDSO/R-0000
2 PAIRS	END CANTILEVER TRUSSES	RDSO/R-0000
2	END STANCHIONS	RDSO/R-0000
	TYPICAL FOUNDATION	RDSO/R-0000
8	DIA.x255 LONG CRANK BOLTS WITH NUTS	
8	DIA.x240 LONG CRANK BOLTS WITH NUTS	
	BITUMEN WASHERS TO SUIT 8 DIA. CRANK BOLTS	
	FLAT WASHERS TO SUIT 8 DIA. CRANK BOLTS	



- ALL DIMENSIONS ARE IN MILLIMETRES.
- THE DESIGN IS BASED ON IS: 800.
- LOADING STANDARD ADOPTED IS ACCORDING TO IS: 875 (PART 3)-1987 WITH BASIC WIND SPEED OF 47m/Sec. (DESIGN WIND PRESSURE OF 135 Kg/m²).
- CO-EFFICIENTS OF WIND PRESSURE ON BUTTERFLY ROOF ARE ADOPTED AS GIVEN IN SKETCH No. EDO-2082
- DESIGN IS SUITABLE FOR THE CONDITIONS OF EXPOSURE WITH VALANCE OF 56° AS GIVEN IN SKETCH No. EDO-2082 EXCEPT THE CONDITION "BAYS BLOCKED ALONG THE LINE OF COLUMNS".
- THE SECTION OF THE COLUMN IS ALSO SUITABLE FOR THE INCREASED HEIGHT REQUIRED FOR RAIL LEVEL PLATFORM AND THE LENGTH OF THE COLUMN CAN BE INCREASED SUITABLY.
- CONFIGURATION OF THE STRUCTURE IS SUITABLE FOR THE CLEARANCES REQUIRED FOR 25 kv AC TRACTION.
- FOR DETAILS OF PARTS SEE DRG. No. RDSO/R- 10641/1 TO RDSO/R- 10641/7 .
- WEIGHT OF STEEL IS 38.0 Kg. (APPROX.) PER Sq.m OF PLATFORM AREA.
- THE No. OF CRANK BOLTS AND WASHERS MAY BE WORKED OUT BY THE RAILWAY AS PER THE REQUIREMENT.
- IN MAKING SITE JOINTS, BOLTS SHOULD BE DIPPED IN THICK RED LEAD PAINT BEFORE INSERTION IN THE HOLES.
- WHENEVER EMU OR OTHER 3660 mm (12'-0") STOCK IS TO BE INTRODUCED IN A SECTION, THE VALANCE SHALL BE AS PER THE ALTERNATIVE ARRANGEMENT SHOWN DOTTED VIDE DETAIL AT 'A' (ITEM 629 OF 54th BSC).
- ALL OPEN ENDS OF HOLLOW SECTIONS AFTER FABRICATION, IF ANY, SHOULD BE SEALED TO PREVENT CORROSION OF INTERNAL SURFACES BY WELDING A 6 TH. PLATE.

BLACK BOLTSIS: 1363
MATERIAL IS: 2062, IS: 4923
FABRICATION & } IS: 800
ERECTION
WELDING..... { IS: 814
IS: 815
IS: 816
IS: 817
IS: 823
HOOK BOLTS..... IS: 730
TURNED BOLTS.....IS:1364
A.C.C.SHEETING.....IS: 459
A.C.GUTTERS..... IS:1626
C.I.PIPE.....IS:1230
CONCRETE.....IS: 456

MILLIMETRES



THIS DRAWING IS THE PROPERTY OF
RESEARCH DESIGNS & STANDARDS ORGANISATION
(MINISTRY OF RAILWAYS)
LUCKNOW-226011(INDIA)
AND SHALL NOT BE USED,COPIED OR REPRODUCED IN
PART OR WHOLE WITHOUT PRIOR CONSENT IN WRITING.

R. D. S. O.

PASSENGER PLATFORM SHELTER
10.67 m WIDE B.G.
PARTLY USING RHS/SHS
GENERAL ARRANGEMENT
(FOR BASIC WIND SPEED UPTO 47 m/Sec.)

PROVISIONAL 31-7-2003

RDSO/R-10641

NOTE

SPECIFICATION

SCALE

ALT.

DESCRIPTION

DATE

CALCULATION REGISTER No.

PAGES
1 TO

DONE BY - S. S. KASHIVE
CHECKED BY - N. K. MURTHY

DRAWN BY - MOHD. AZHAR

CHECKED BY - S. S. KASHIVE

SCRUTINISED & CHECKED BY-

DD/SS-1

SCRUTINISED & CHECKED BY-

DBS/SB-II

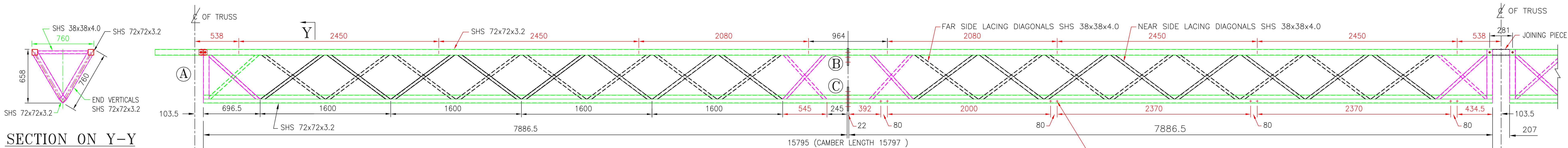
APPROVED BY-

EDBS

AutoCAD FILE No. R10641

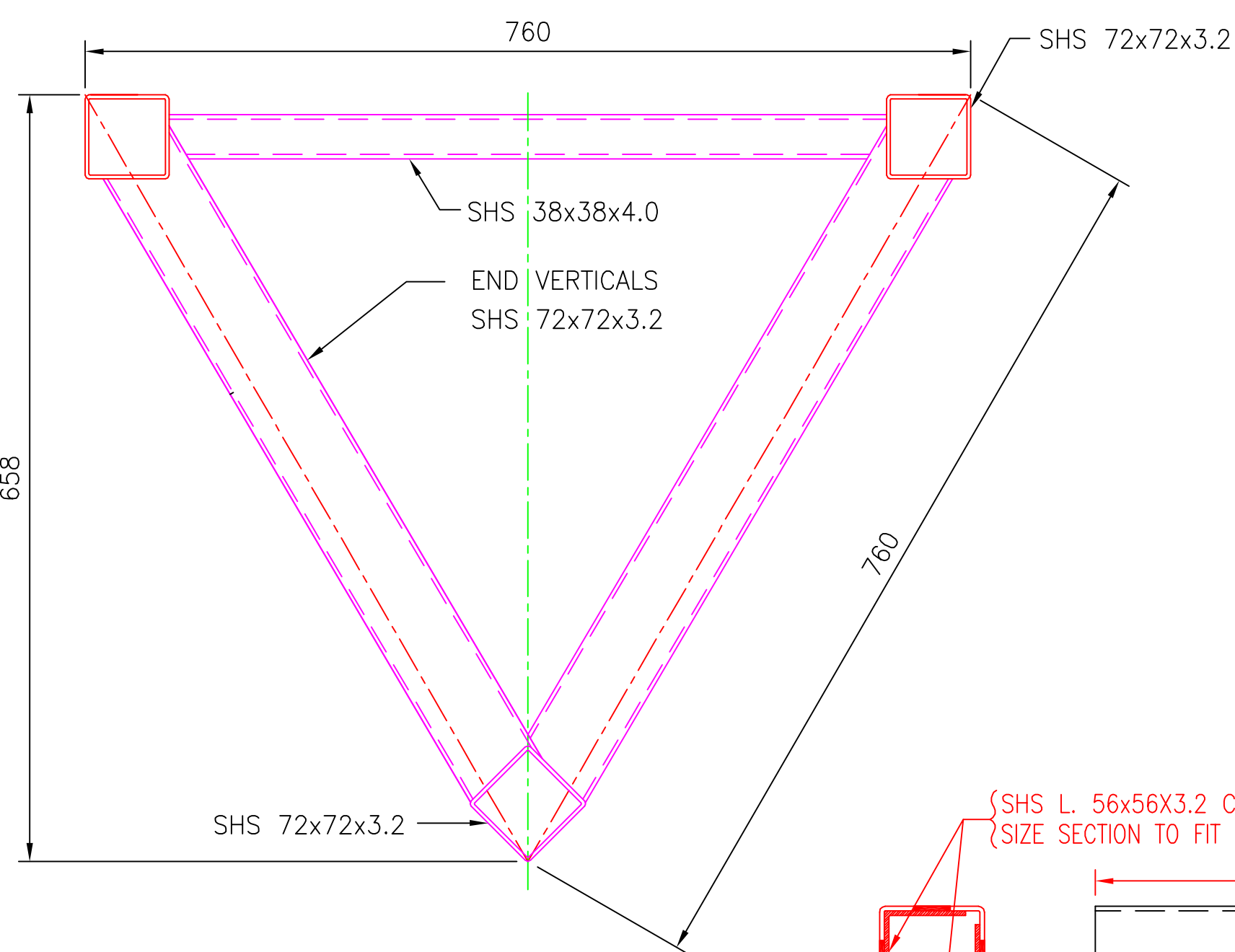
NOTIFICATION No.

FLOPPY No.



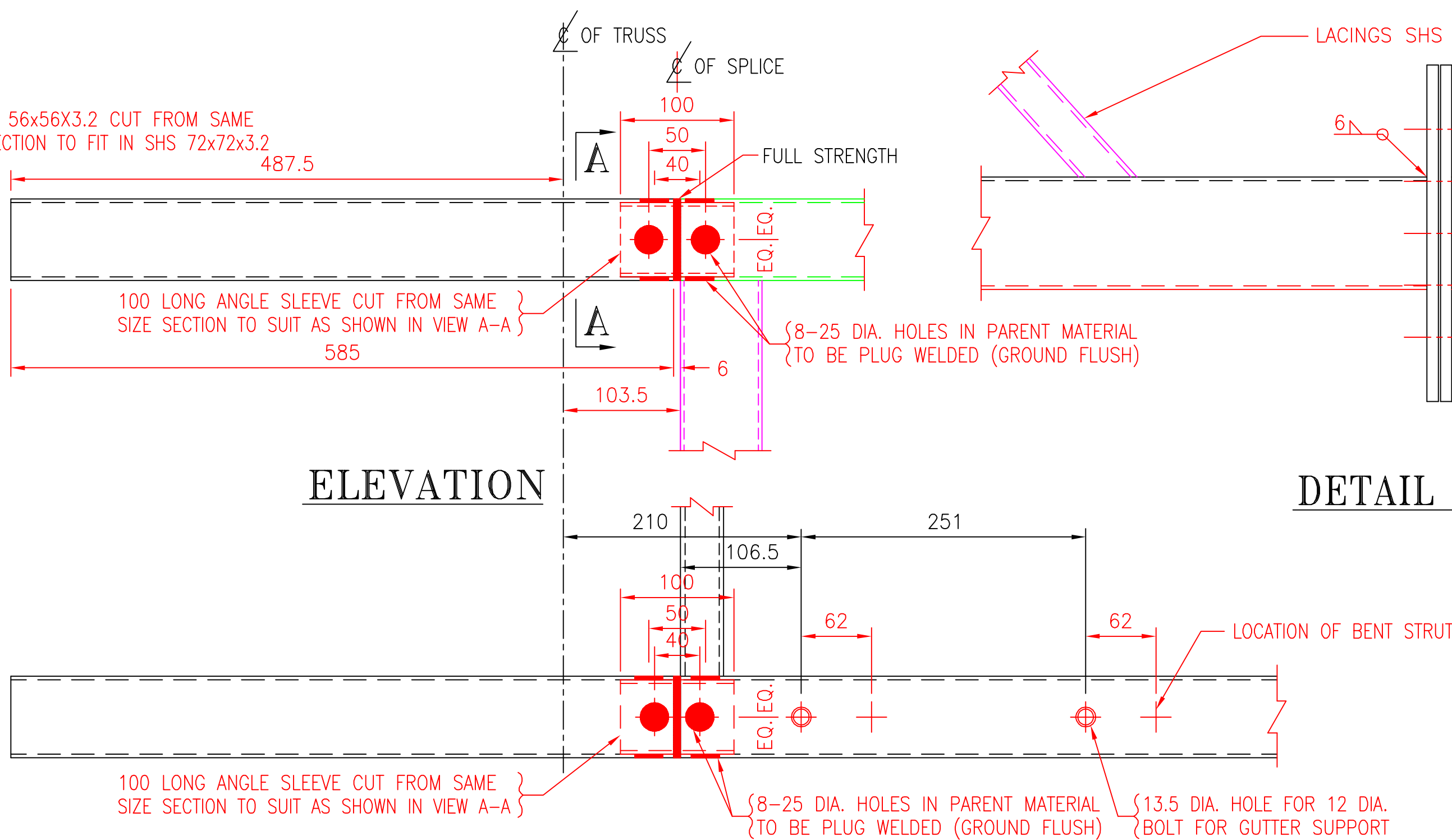
SECTION ON Y-Y

ELEVATION



DETAIL AT 'A'

VIEW A-A

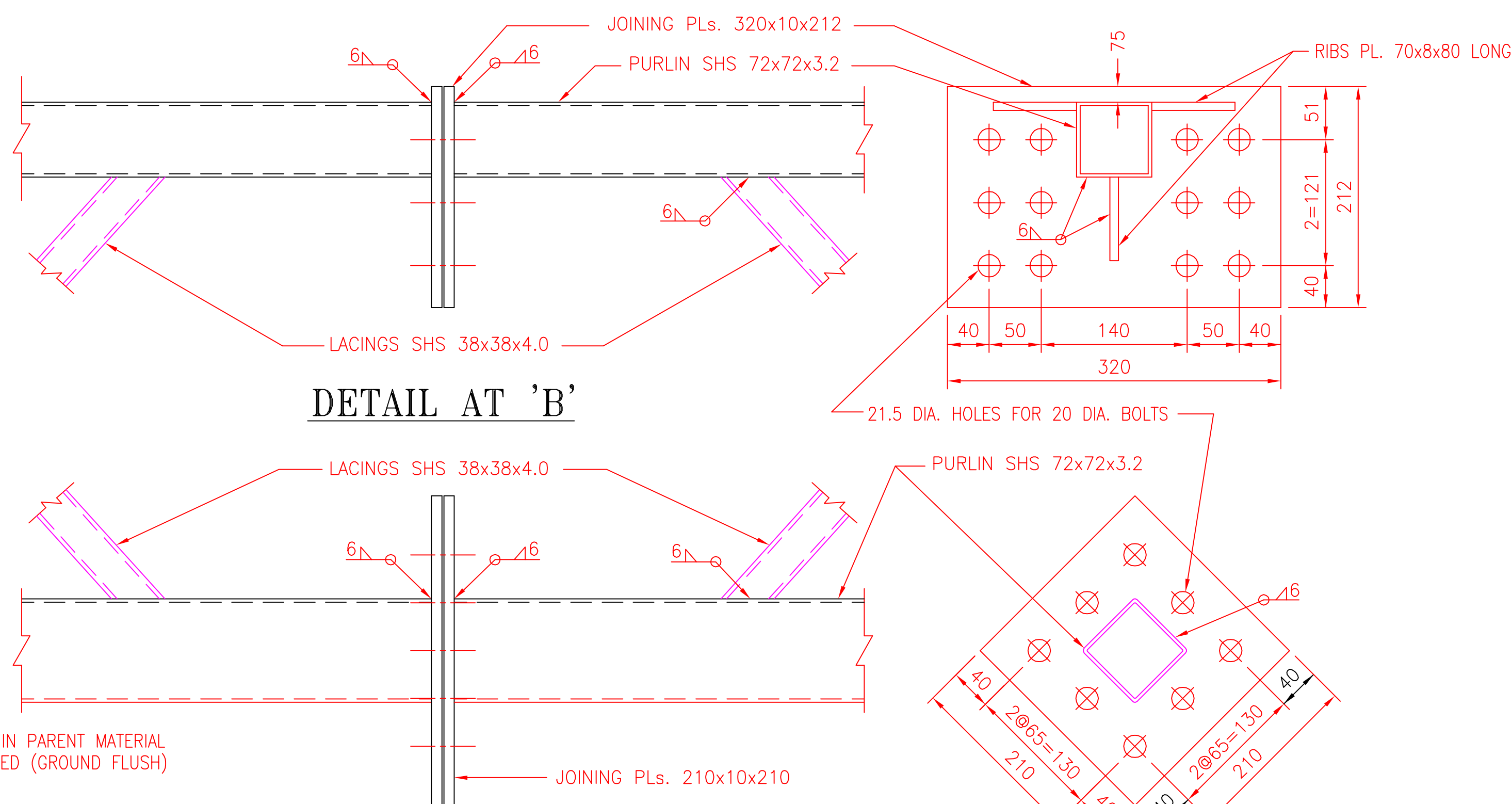


ELEVATION

PLAN

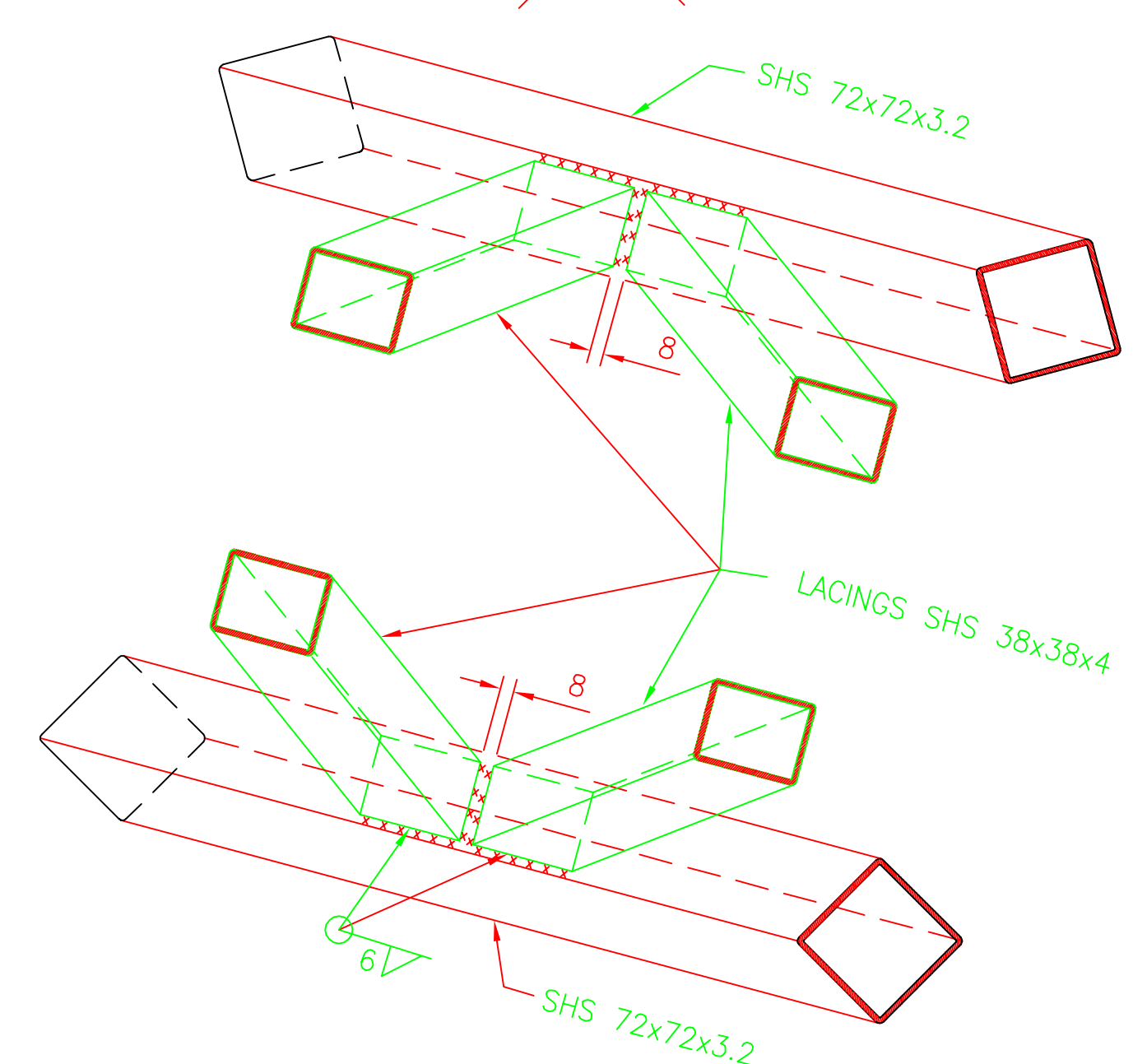
DETAIL OF EXTENSION PIECE FOR END PURLIN

(TO SUPORT OVERHANG OF SHEETING BEYOND FRAME AT END SPAN)

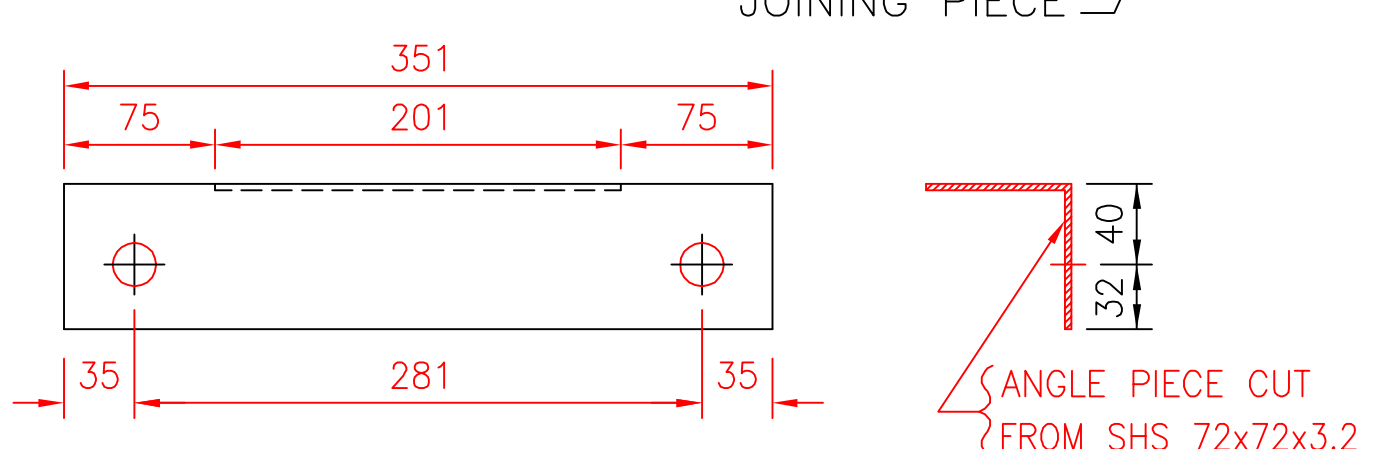


DETAIL AT 'B'

DETAIL AT 'C'



DETAIL OF WELDING



DETAIL OF JOINING PIECE

2	12 DIA. BOLTS	50
	JOINING PIECE SHS L. 72x72x3.2	351
No. REQD.	DESCRIPTION	LENGTH
FOR EACH JOINING PIECE BETWEEN SPANS		

8	25 DIA. SLOTTED HOLES TO BE PLUG WELDED	-
2	ANGLE SLEEVE SHS L. 56x56x3.2	100
1	EXTENSION PIECE SHS 72x72x3.2	585
No. REQD.	DESCRIPTION	LENGTH
FOR EACH EXTENSION PIECE		

32	20 DIA. BOLTS THROUGH JOINING PLs.	50
4	JOINING PLATES 212x10 FOR JOINING TOP BOOM OF PURLINS	320
12	RIBS 70x8	80
2	JOINING PLs. 210x10	210
2	WELDED PURLIN UNIT	7886.5
No. REQD.	DESCRIPTION	LENGTH
FOR EACH PURLIN		

THIS DRAWING IS THE PROPERTY OF
RESEARCH DESIGNS & STANDARDS ORGANISATION
(MINISTRY OF RAILWAYS)
LUCKNOW-226011(INDIA)
AND SHALL NOT BE USED, COPIED OR REPRODUCED IN
PART OR WHOLE WITHOUT PRIOR CONSENT IN WRITING.

R. D. S. O.

PASSENGER PLATFORM SHELTER
10.67 m WIDE B.G.
PARTLY USING RHS/SHS
WELDED PURLIN
(FOR BASIC WIND SPEED UPTO 47 m/Sec.)

PROVISIONAL 31-7-2003

RDSO/R-10641/3

ALL HOLES 21.5 DIA. FOR 20 DIA. BLACK BOLTS EXCEPT WHERE OTHERWISE SHOWN.

DESCRIPTION	SYMBOL
BOLTS	⊕
ANCHOR BOLTS	⊕
UNUSED HOLES	⊕

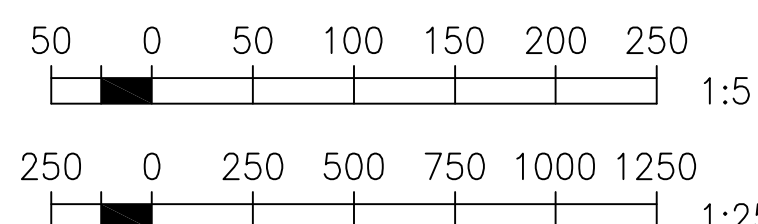
- ALL DIMENSIONS ARE IN MILLIMETRES.
- 25 CAMBER IS TO BE PROVIDED AT CENTRE.
- THE APPROVED QUALITY OF ELECTRODES AND THE TECHNIQUE OF WELDING SHALL BE AS PER CURRENT IS SPECIFICATIONS AND CODES.

NOTE

MATERIAL	IS: 2062, IS: 4923
BLACK BOLTS	IS: 1363
FABRICATION & ERECTION	IS: 800
WELDING	IS: 814, IS: 815, IS: 816, IS: 817, IS: 823

SPECIFICATION

MILLIMETRES



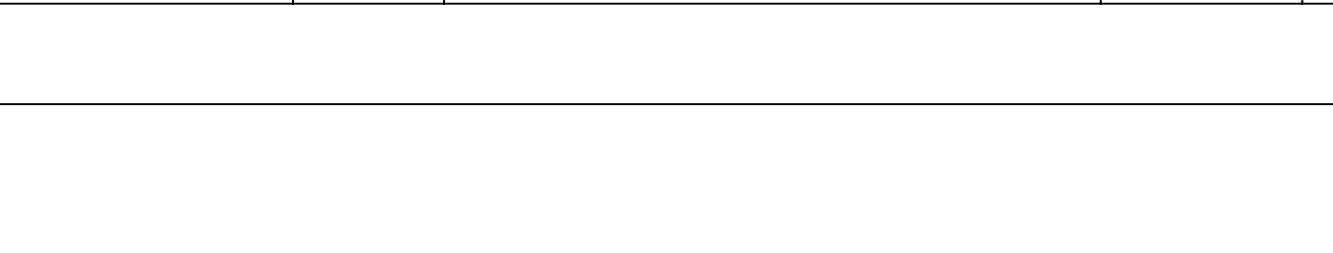
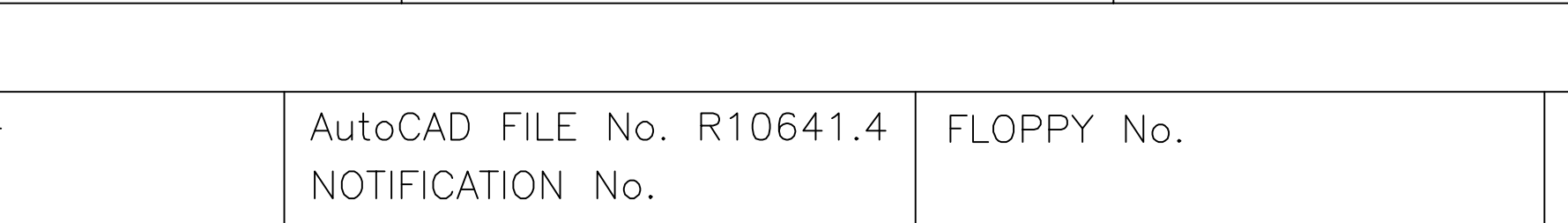
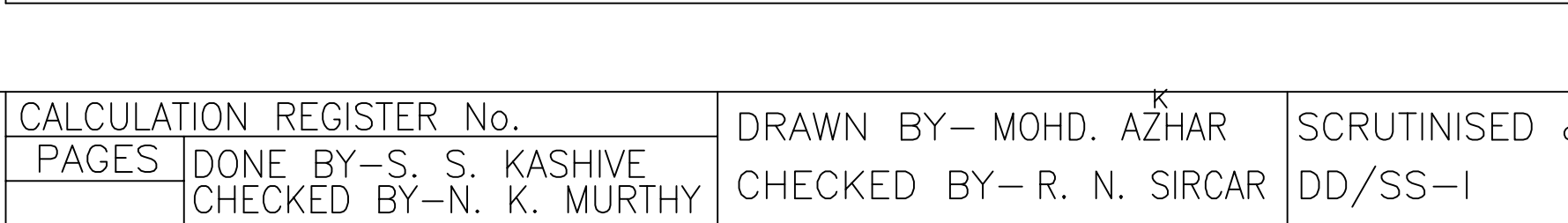
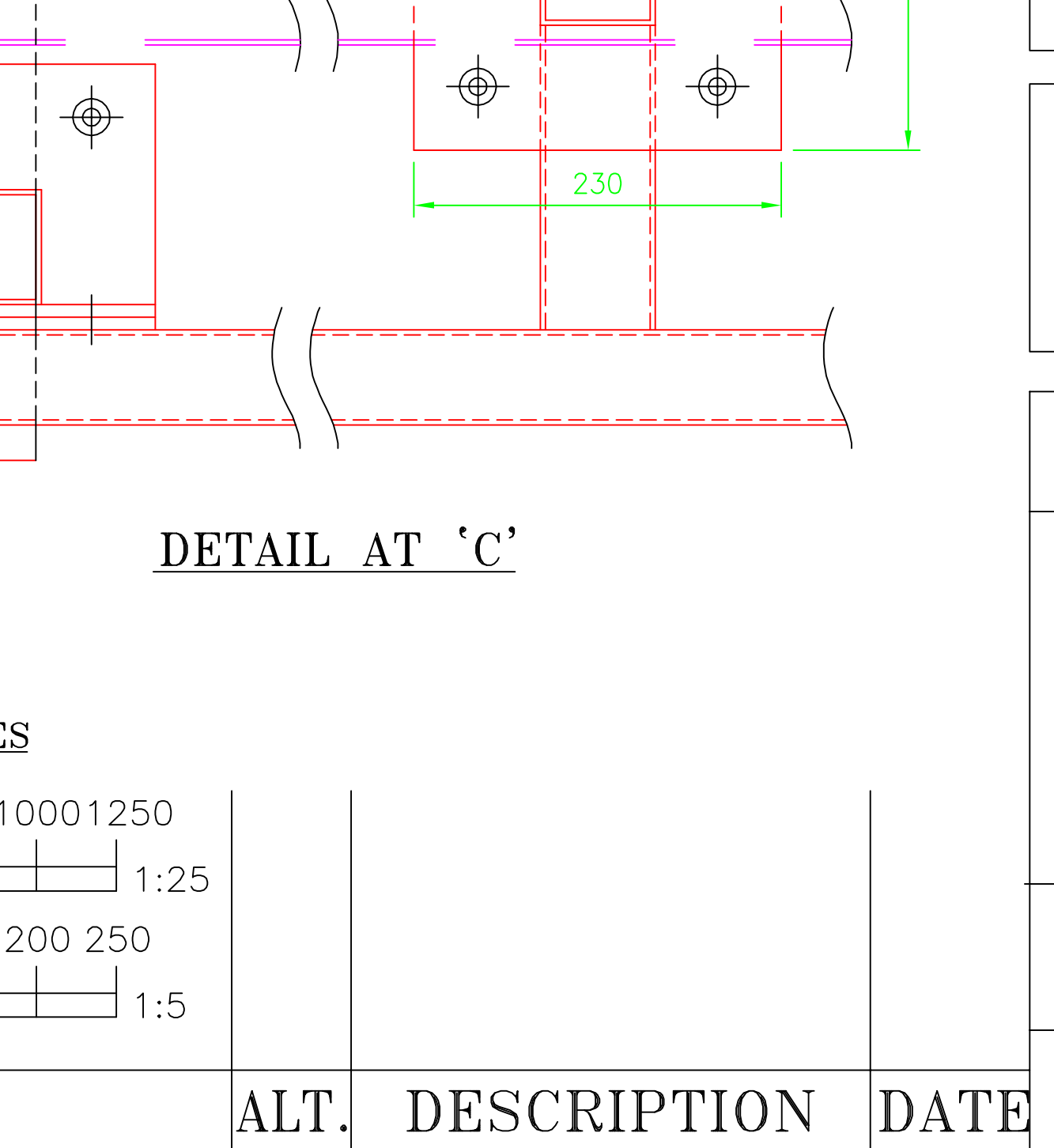
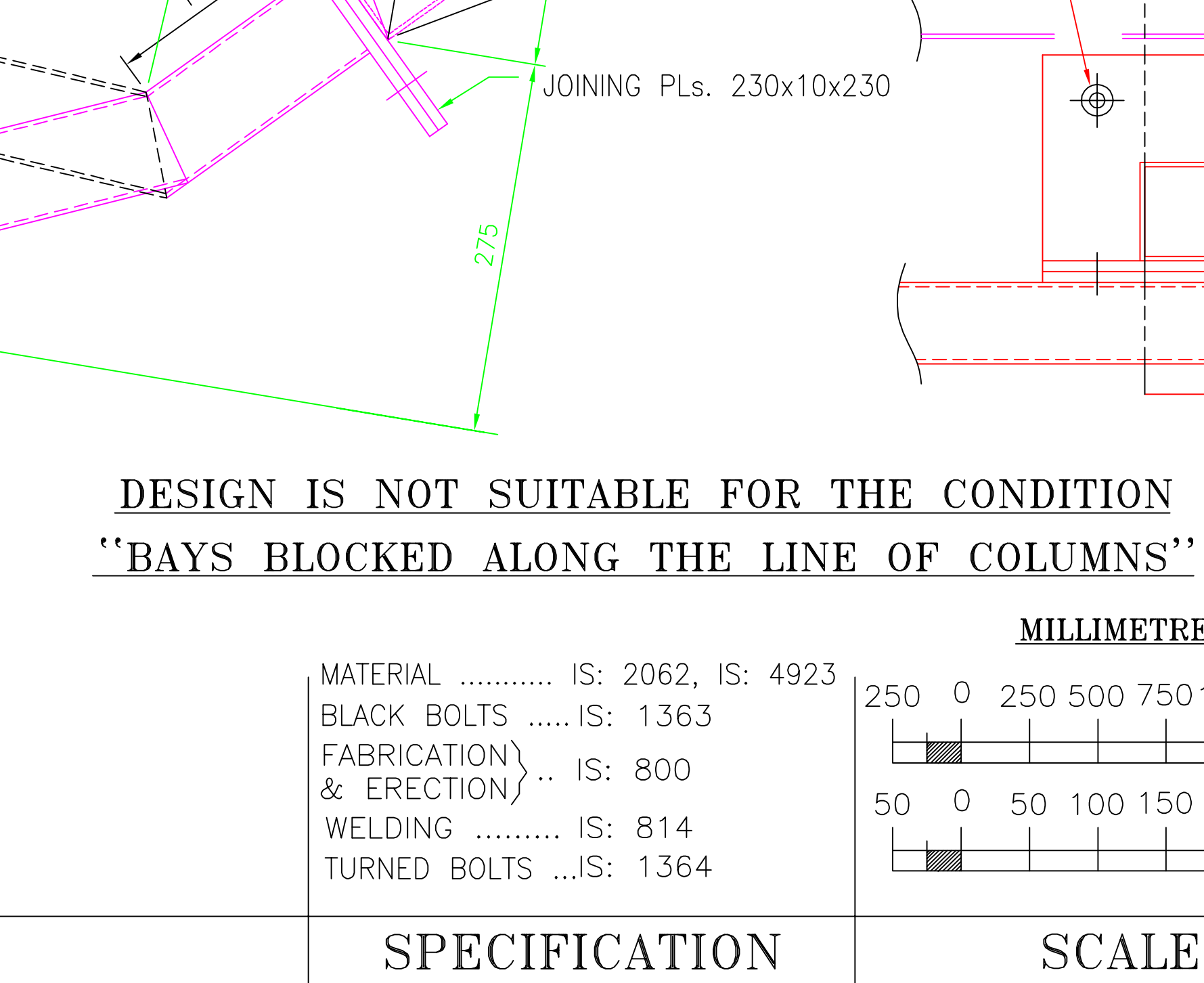
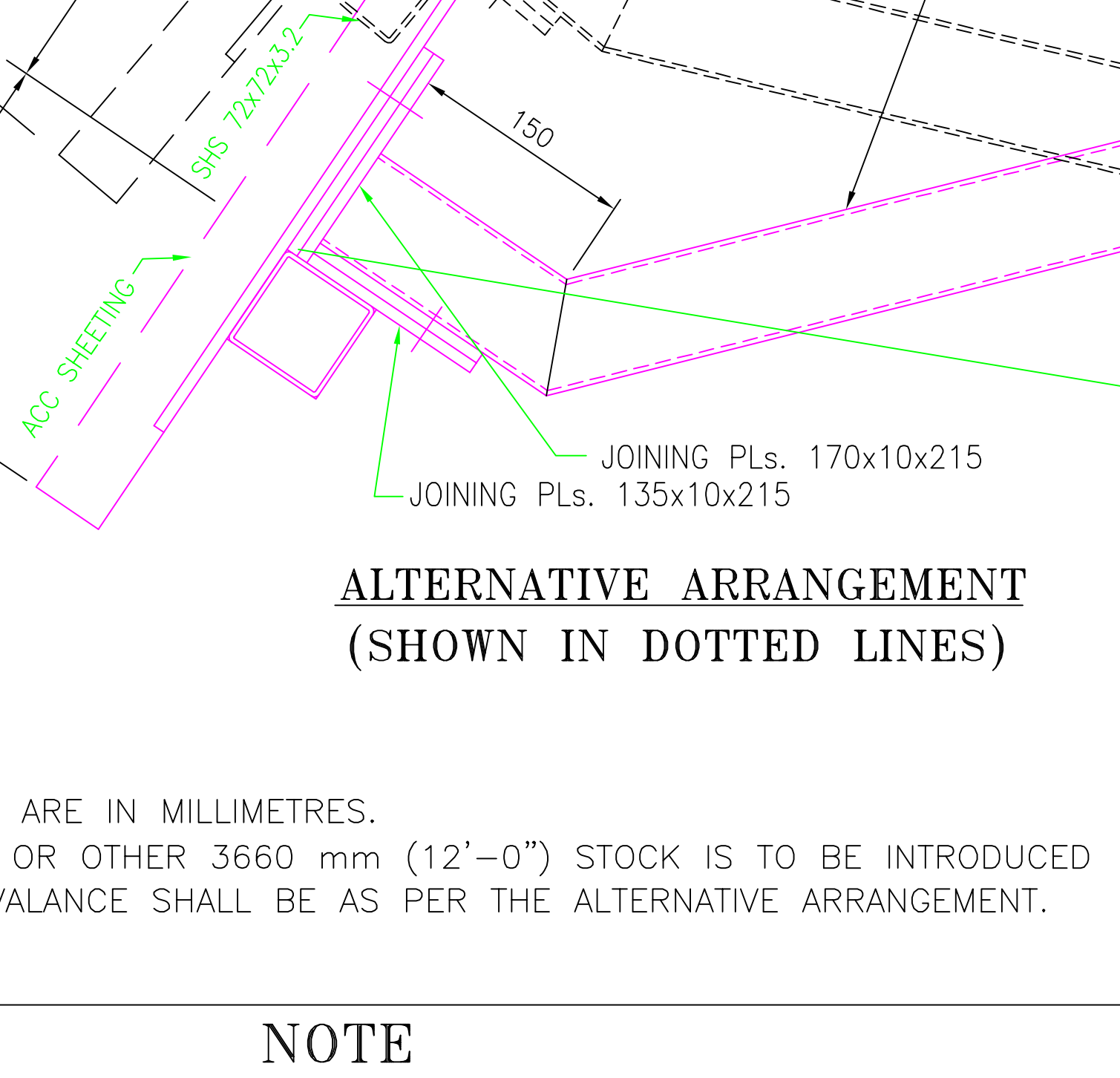
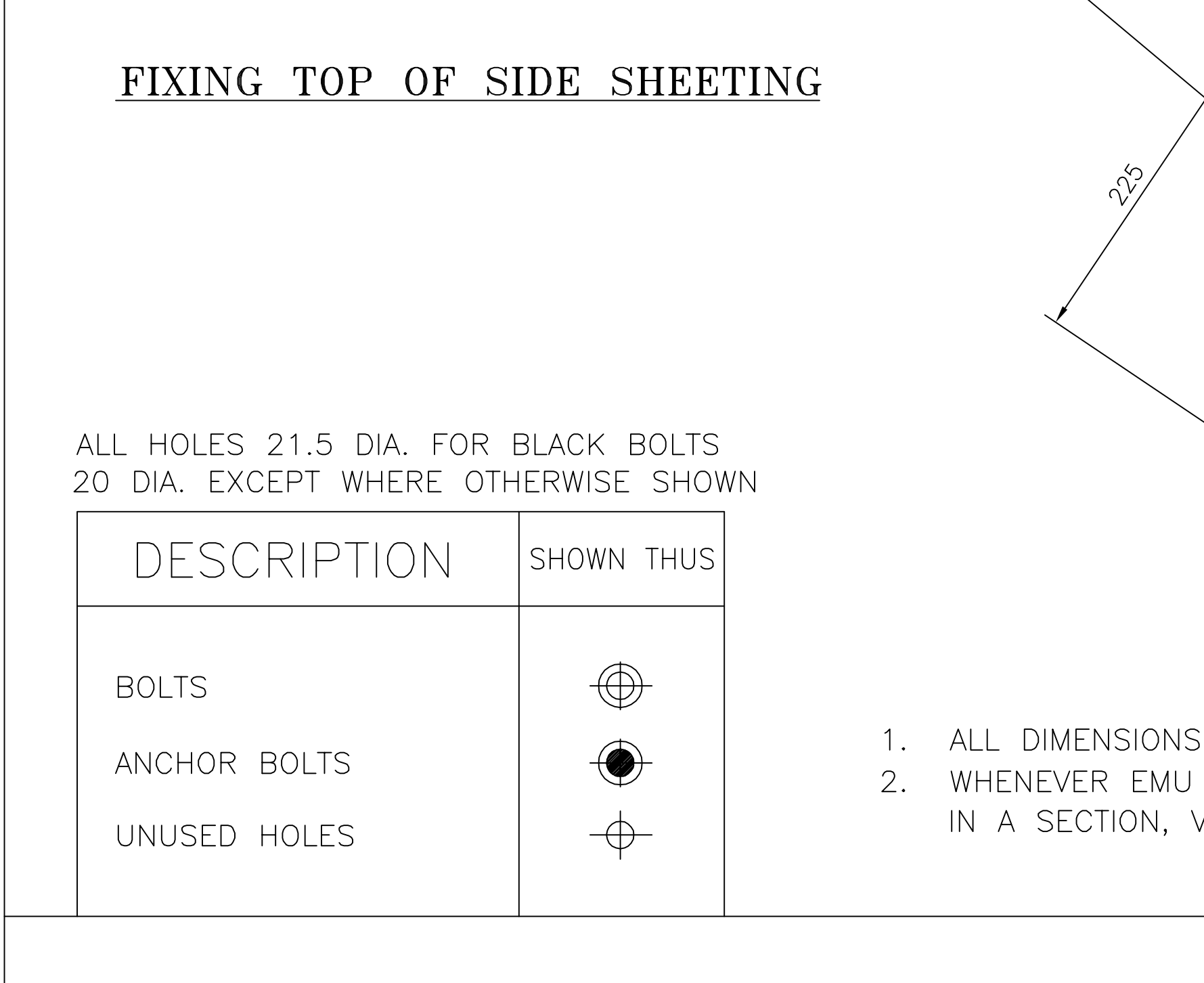
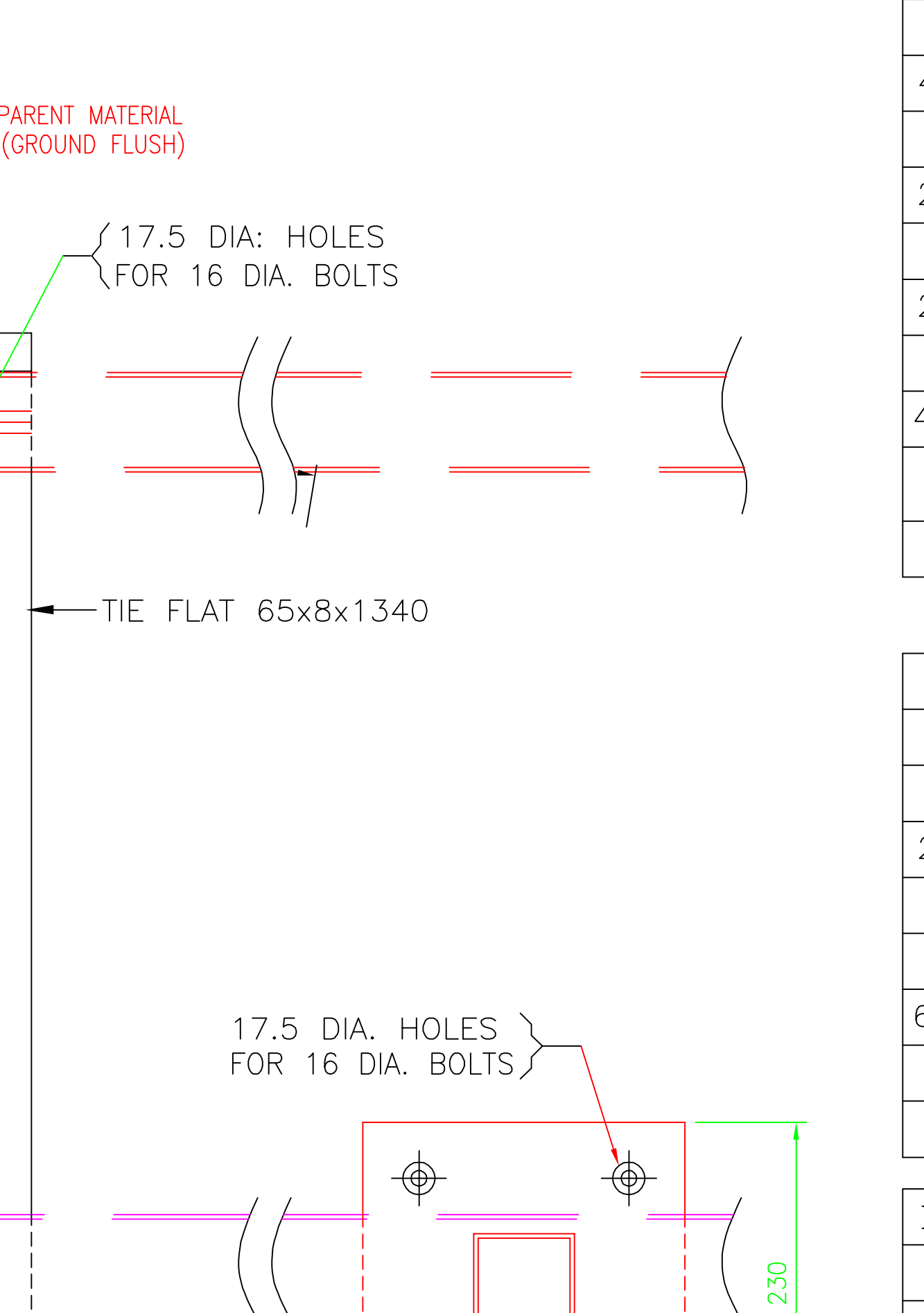
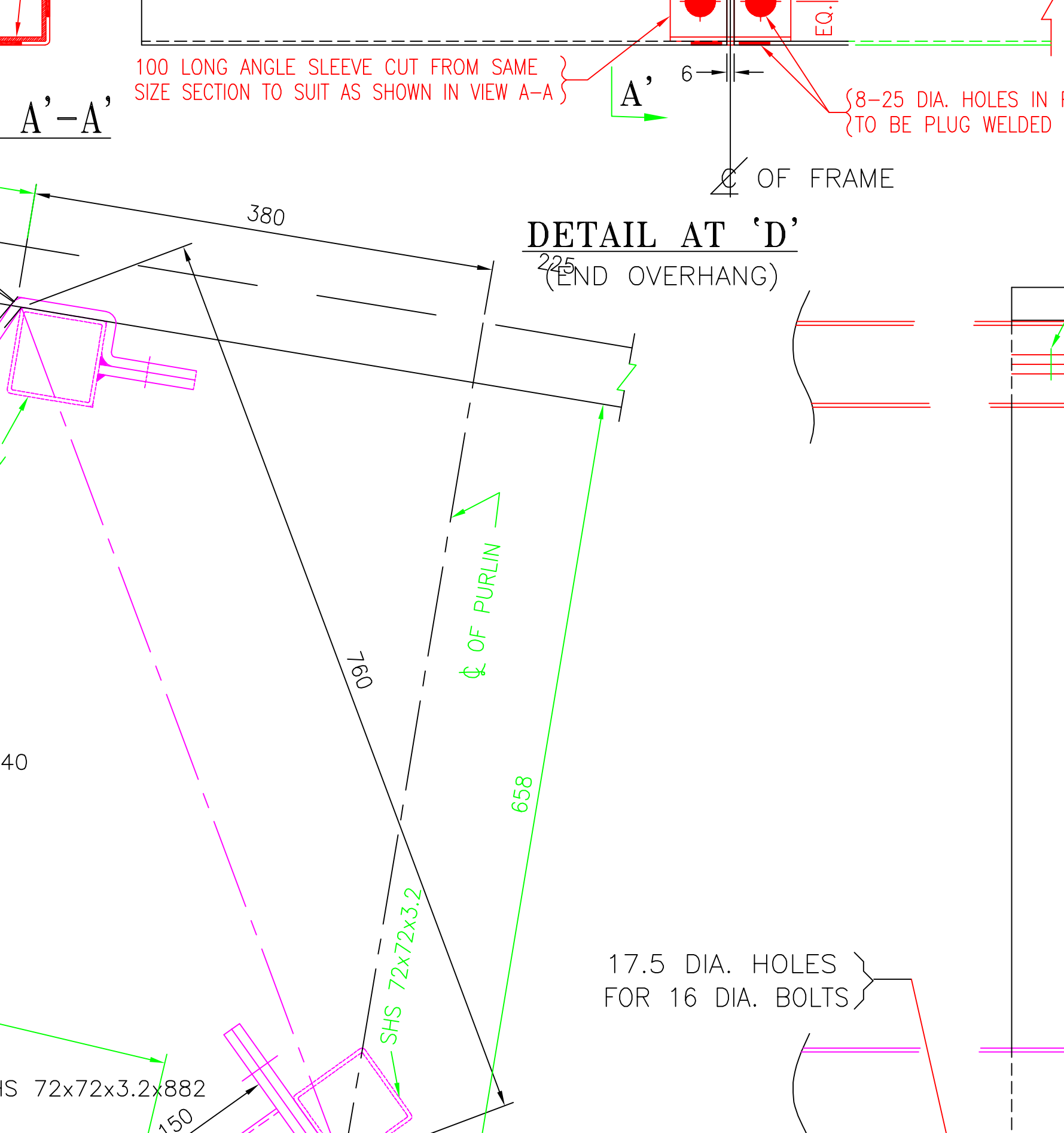
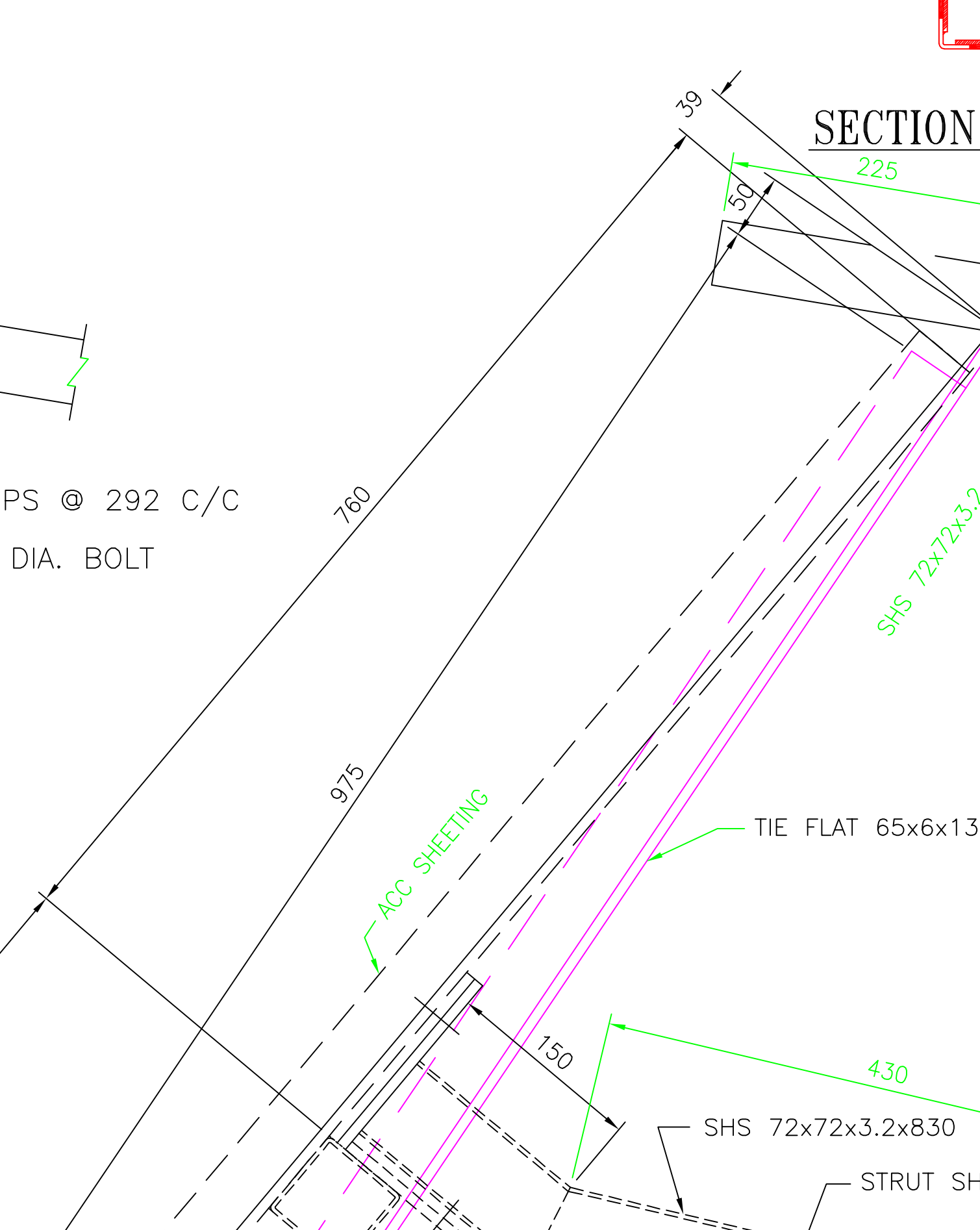
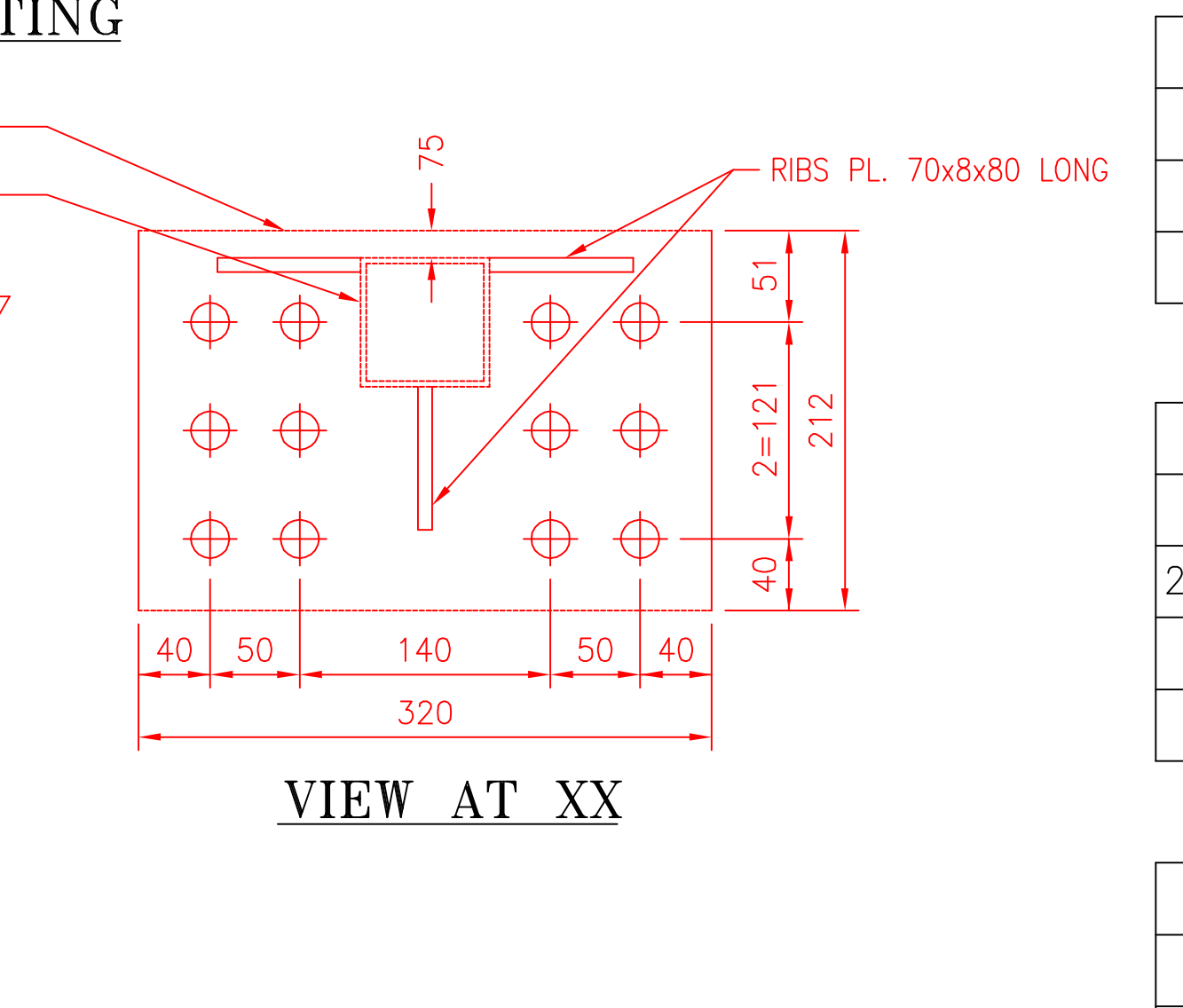
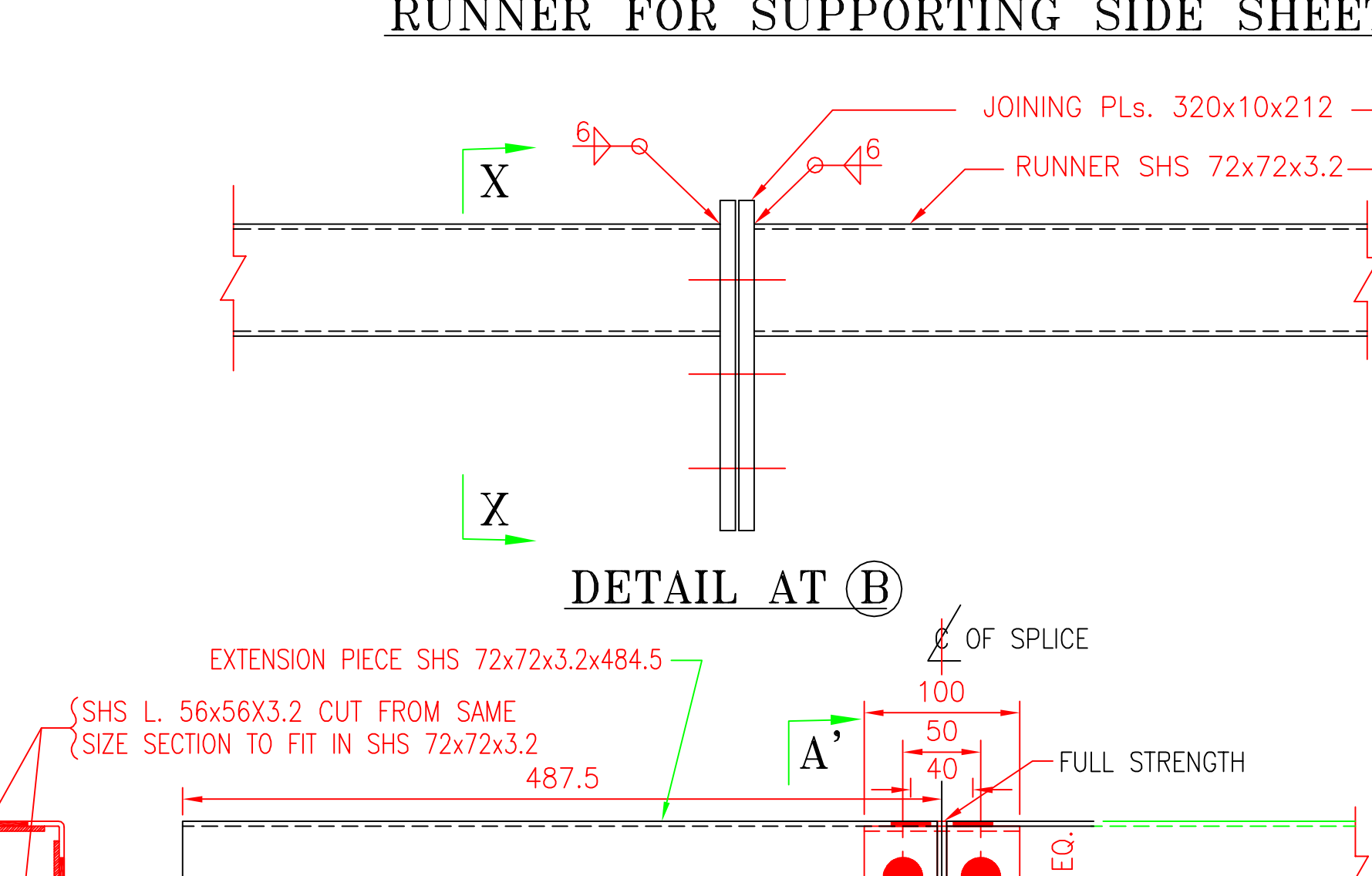
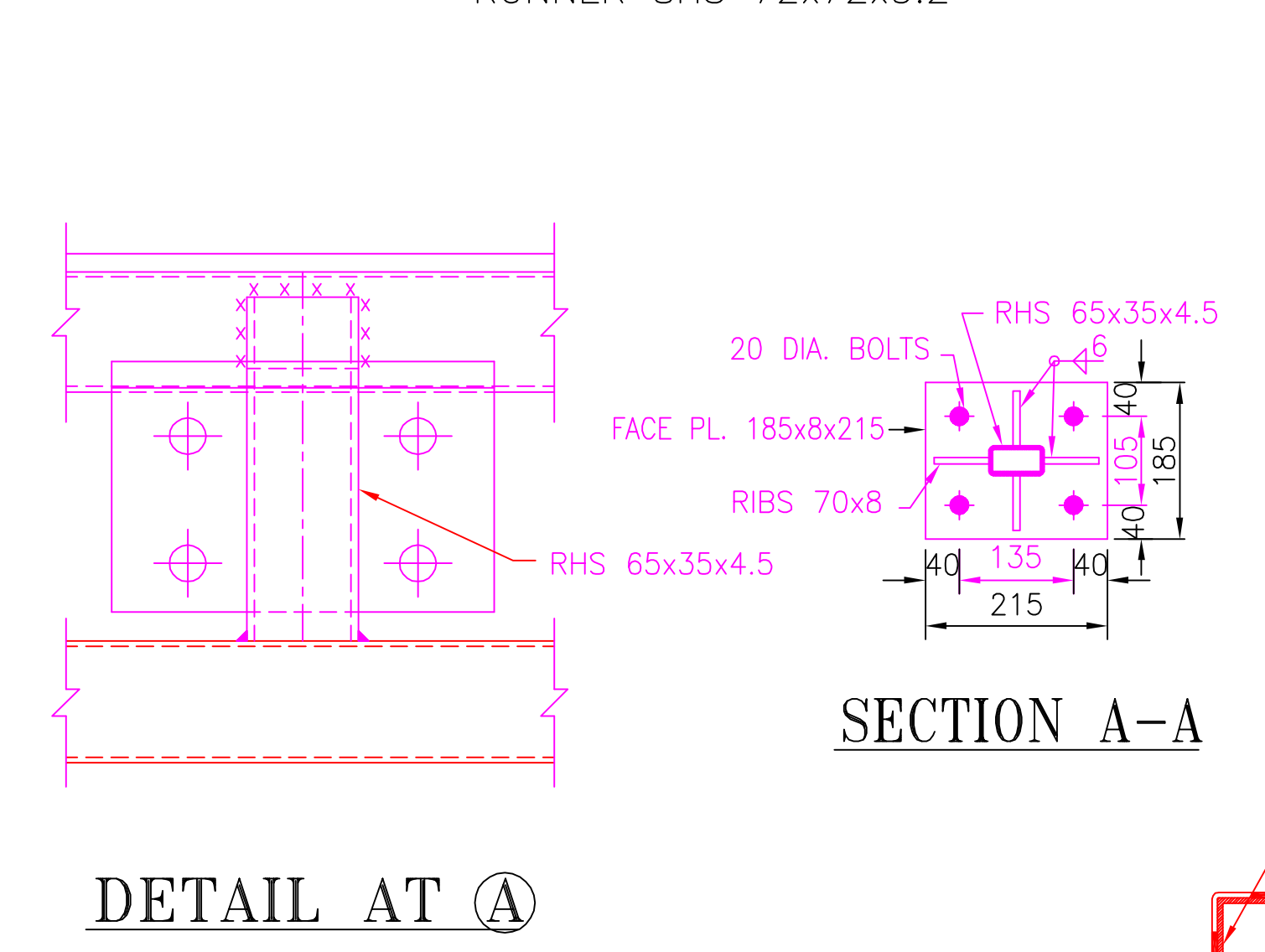
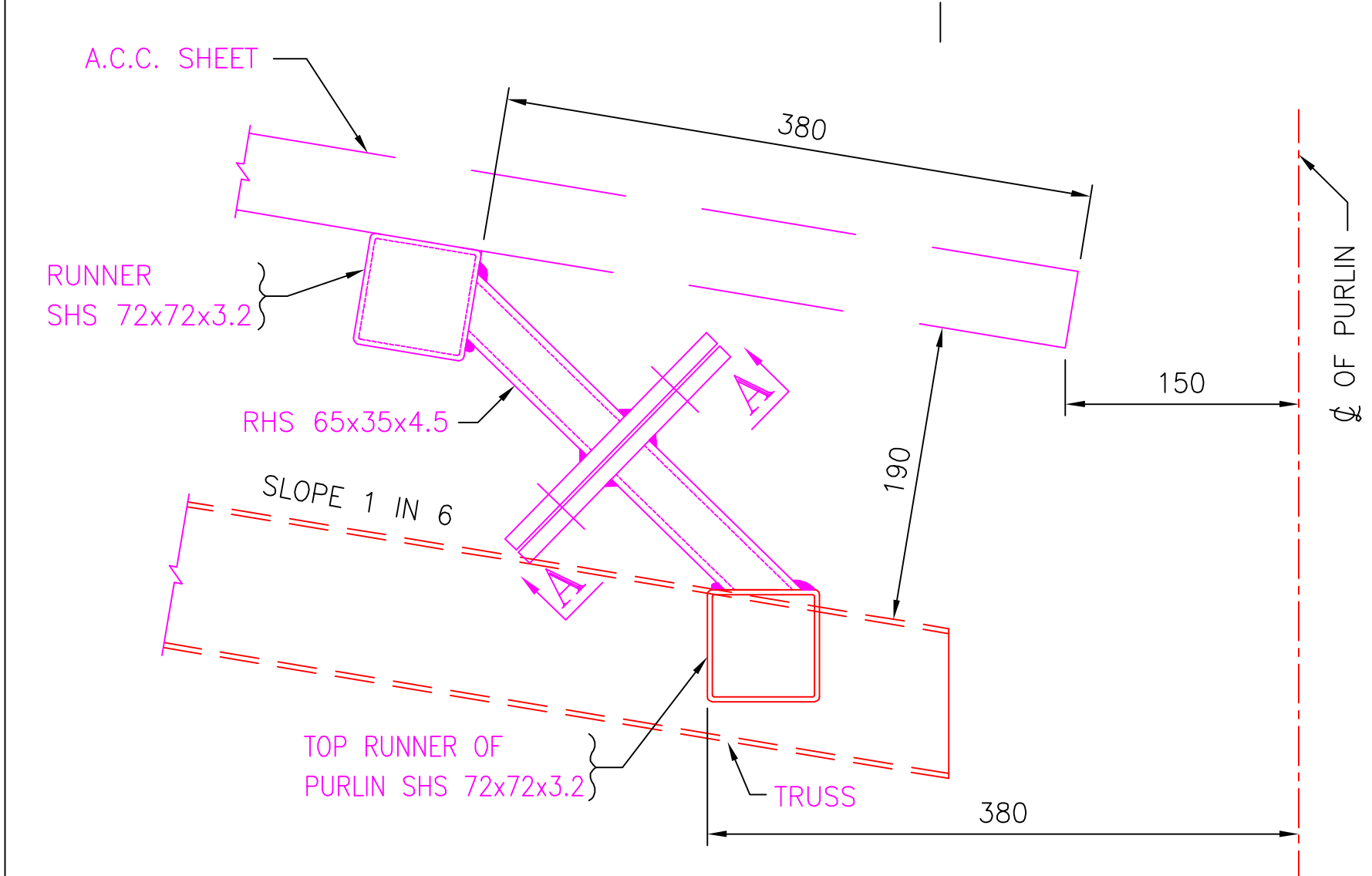
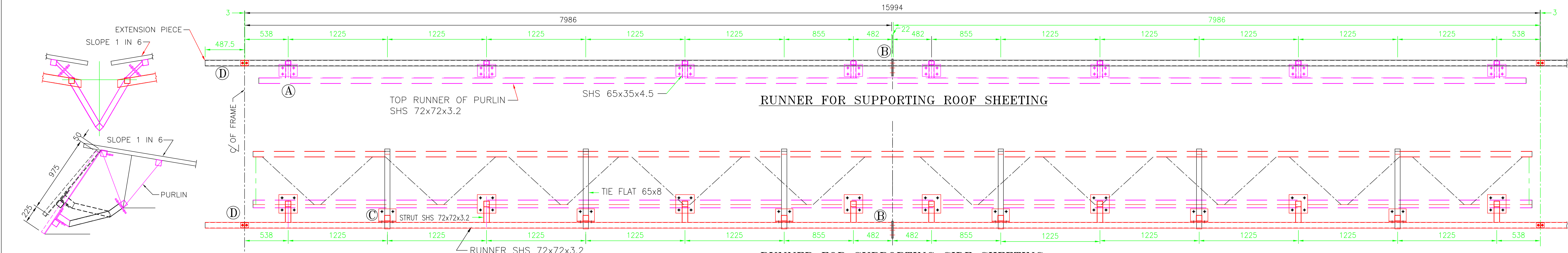
SCALE

ALT.

DESCRIPTION

DATE

CALCULATION REGISTER No.	DRAWN BY - MOHD. AZHAR	SCRUTINISED & CHECKED BY-	SCRUTINISED & CHECKED BY-	APPROVED BY-	AutoCAD FILE No. R10641.3	FLOPPY No.
PAGES 1 TO	DONE BY - S. S. KASHIVE CHECKED BY - N. K. MURTHY	CHECKED BY - S. S. KASHIVE	DD/SS-1	EDBS	NOTIFICATION No.	



No. REQD.	DESCRIPTION	LENGTH SIZE
FOR EACH JOINING PIECE BETWEEN SPANS		
2	100 LONG SLEEVE L.56x56x3.2 CUT FROM RHS 72x72x3.2	100

FOR EACH END OVERHANG OF SIDE OR TOP RUNNER		
2	100 LONG SLEEVE L.56x56x3.2 CUT FROM RHS 72x72x3.2	100
2 SETS	25x6 GALVANISED CLAMPS	

FOR EACH RUNNER SUPPORTING SIDE SHEETING		
2	RUNNER SHS 72x72X3.2	7986
4	JOINING PLATES 230x10x230	230
48	20 DIA. BOLTS	
6	STRUTS SHS 72x72x3.2x882	882
24	JOINING PLATES 230x10x230	230
24	JOINING PLATES BETWEEN STRUT & TIE 170x10x215	215
24	JOINING PLATES BETWEEN STRUT & SIDE RUNNER 135x10x215	215
6	TIES 65x8	1340
48	16 DIA. BOLTS THRO. TIE	
	25x6 GALV. CLAMPS WITH 8 DIA. 25 LONG BOLTS & NUTS FOR FIXING TOP OF SIDE SHEETING	

FOR EACH RUNNER SUPPORTING ROOF SHEETING		
2	RUNNER SHS 72x72X3.2	7986
4	JOINING PLATES 320x10x212	320
24	20 DIA. BOLTS	
8	STRUTS SHS 65x35x4.5	658
8	STRUTS SHS 65x35x4.5	687
64	FACE PLATE 185x8x215	215
64	20 DIA. BOLTS	

MATERIAL FOR ALTERNATIVE ARRANGEMENT VIDE NOTE No.2		
8	BENT STRUTS SHS 72x72x3.2x830	830
6	TIES 65x8	1145

THIS DRAWING IS THE PROPERTY OF
RESEARCH DESIGNS AND STANDARDS ORGANISATION
(MINISTRY OF RAILWAYS)
LUCKNOW-226011 (INDIA)
AND SHALL NOT BE USED, COPIED OR REPRODUCED IN
PART OR WHOLE WITHOUT PRIOR CONSENT IN WRITING.

R. D. S. O.	
PASSENGER PLATFORM SHELTER 10.67 m WIDE B.G. PARTLY USING RHS/SHS ANGLE IRON RUNNER FOR ROOF & SIDE SHEETING (FOR BASIC WIND SPEED UPTO 47 m/Sec.)	
PROVISIONAL	31-7-2003
RDSO/R-10641/4	

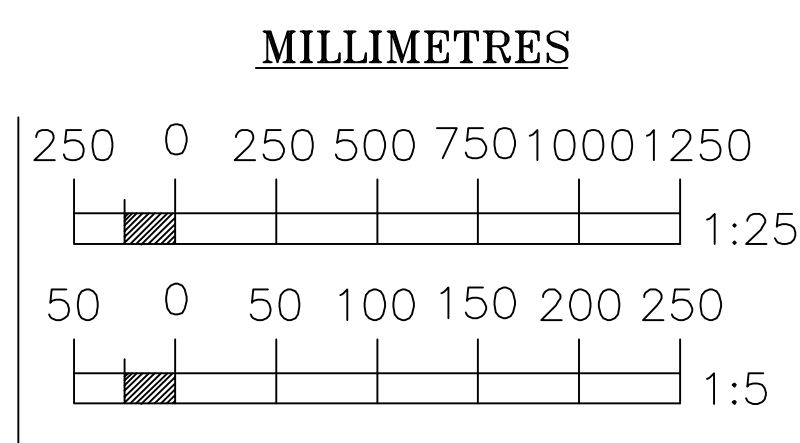
ALL HOLES 21.5 DIA. FOR BLACK BOLTS 20 DIA. EXCEPT WHERE OTHERWISE SHOWN	
DESCRIPTION	SHOWN THUS
BOLTS	
ANCHOR BOLTS	
UNUSED HOLES	

- ALL DIMENSIONS ARE IN MILLIMETRES.
- WHENEVER EMU OR OTHER 3660 mm (12'-0") STOCK IS TO BE INTRODUCED IN A SECTION, VALANCE SHALL BE AS PER THE ALTERNATIVE ARRANGEMENT.

ALTERNATIVE ARRANGEMENT
(SHOWN IN DOTTED LINES)

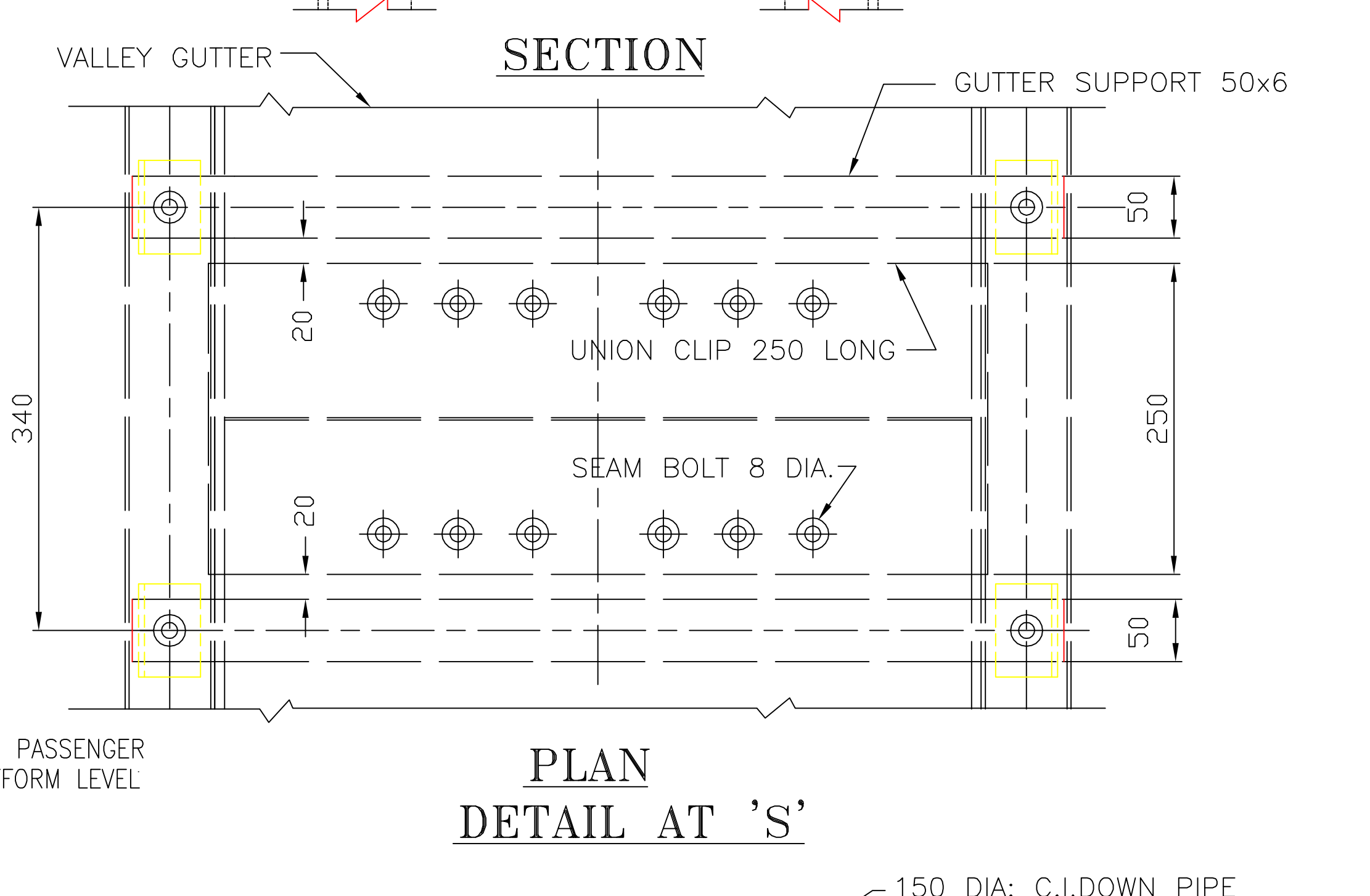
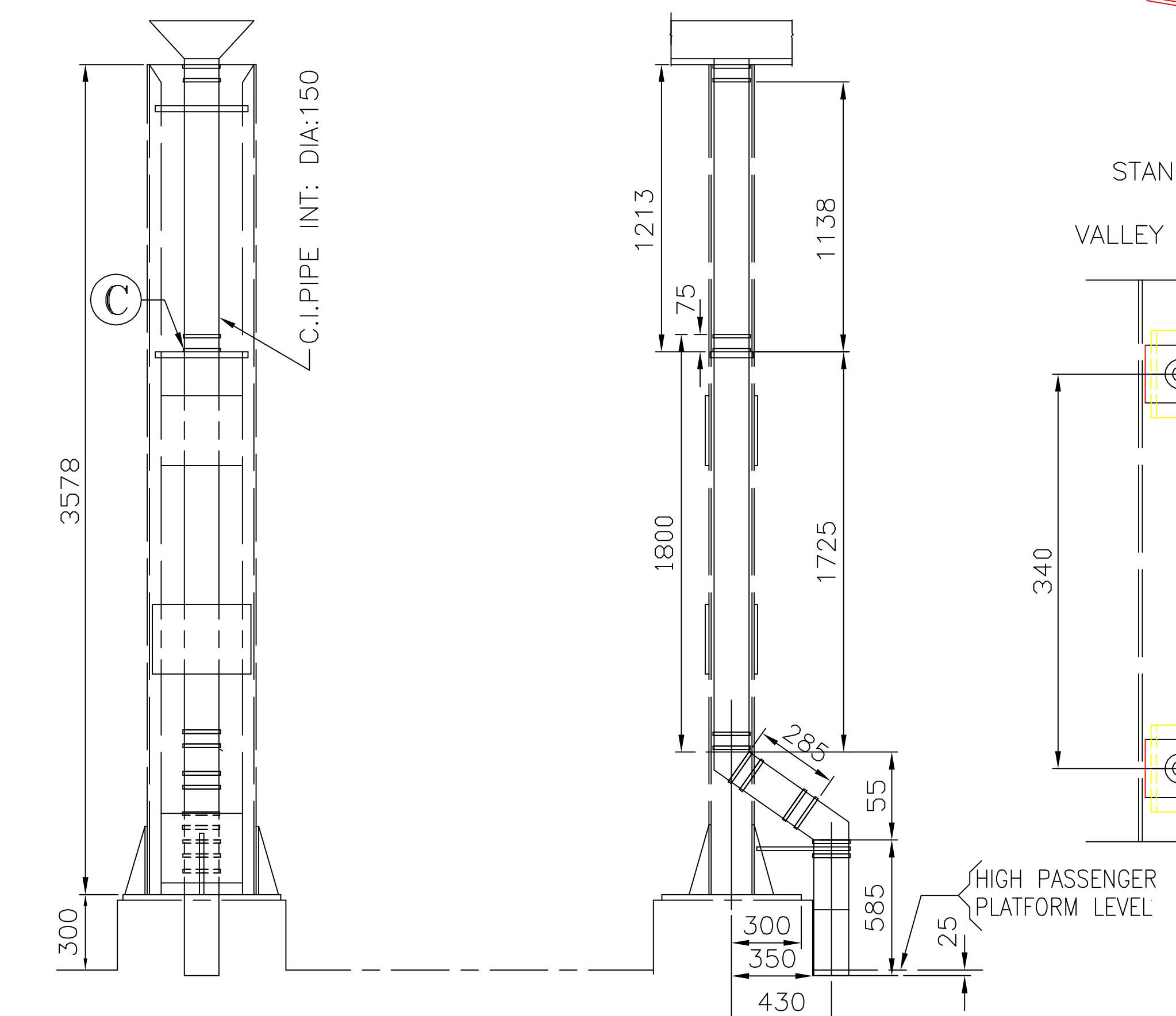
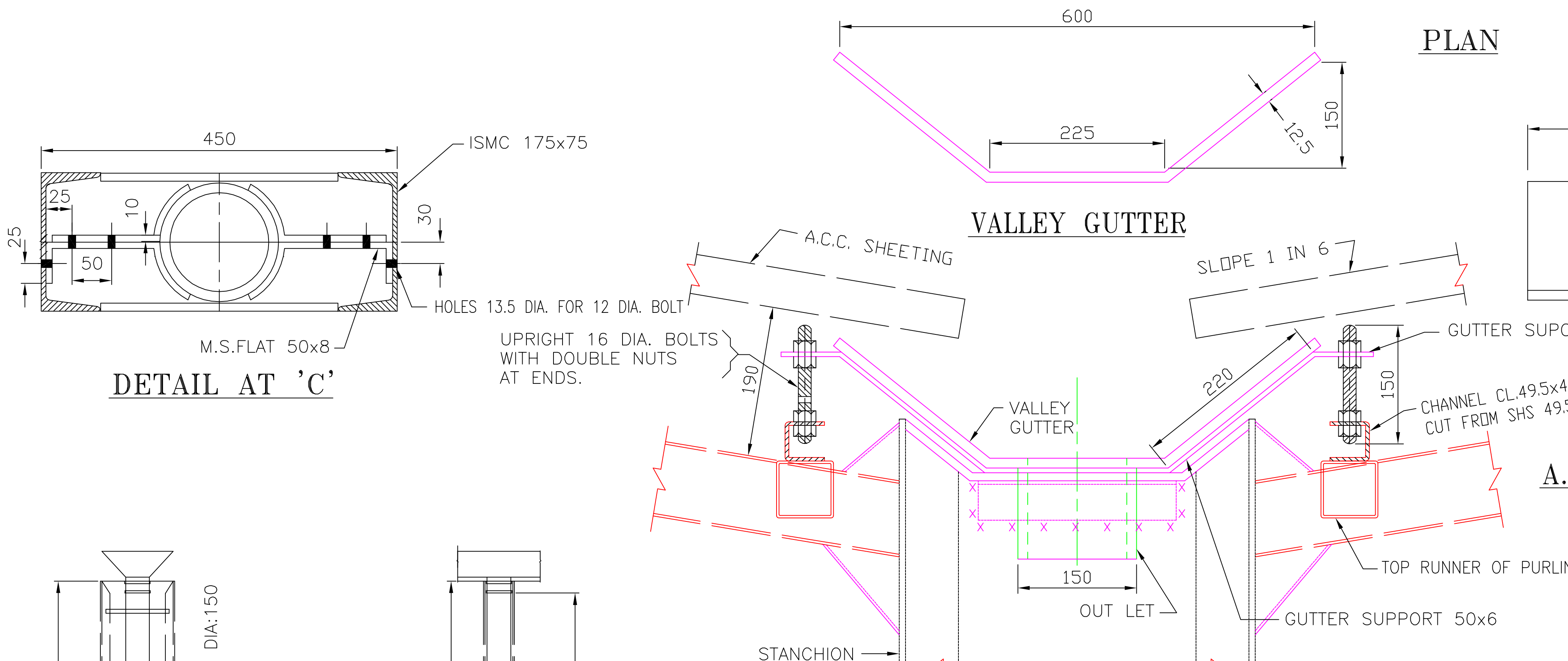
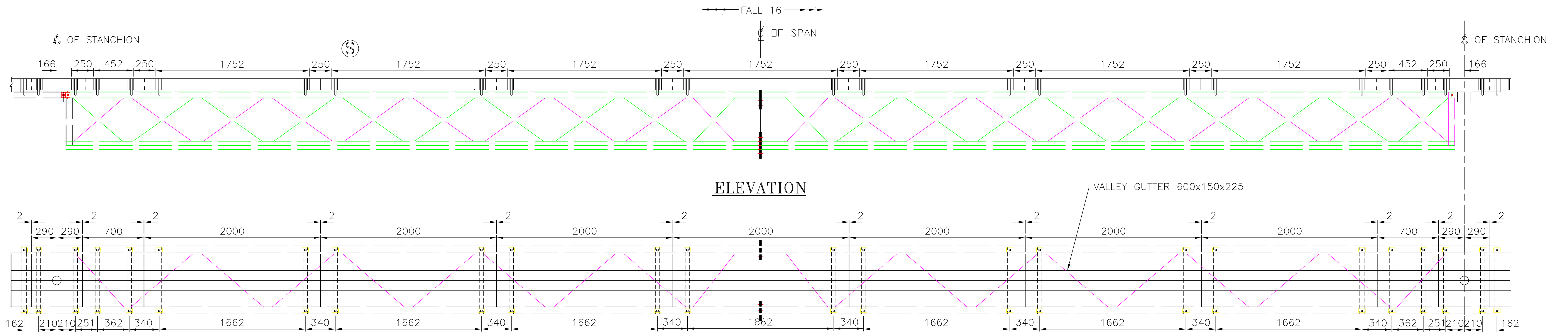
DESIGN IS NOT SUITABLE FOR THE CONDITION
"BAYS BLOCKED ALONG THE LINE OF COLUMNS"

MATERIAL	IS: 2062, IS: 4923
BLACK BOLTS	IS: 1363
FABRICATION & ERECTION	IS: 800
WELDING	IS: 814
TURNED BOLTS	IS: 1364



NOTE	SPECIFICATION	SCALE	ALT.	DESCRIPTION	DATE
------	---------------	-------	------	-------------	------

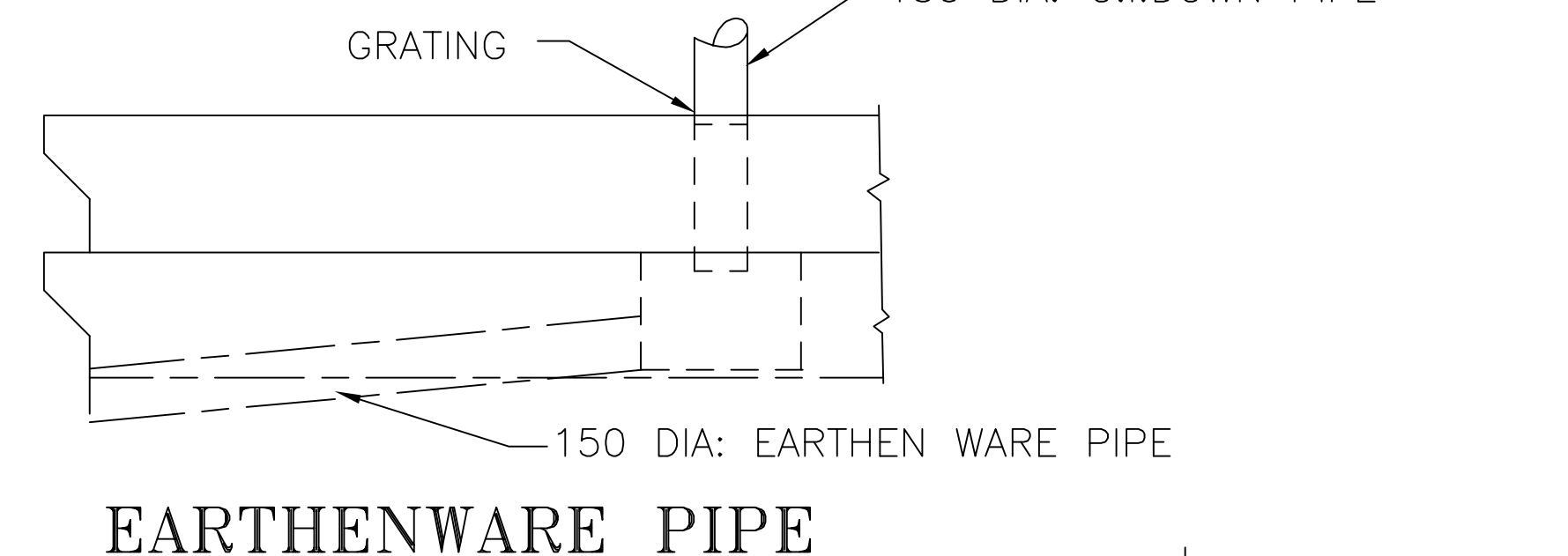
CALCULATION REGISTER No. 1	DRAWN BY- MOHD. AZHAR	SCRUTINISED & CHECKED BY- DD/SS-I	SCRUTINISED & CHECKED BY- DBS/SB-II	APPROVED BY- EDBS	AutoCAD FILE No. R10641.4	FLOPPY No.
PAGES 1	DONE BY-S. S. KASHIVE	CHECKED BY-R. N. SIRCAR			NOTIFICATION No.	
	CHECKED BY-N. K. MURTHY					



DESIGN IS NOT SUITABLE FOR THE CONDITION
"BAYS BLOCKED ALONG THE LINE OF COLUMNS"

DESCRIPTION	SHOWN THUS
BOLTS	
ANCHOR BOLTS	
UNUSED HOLES	

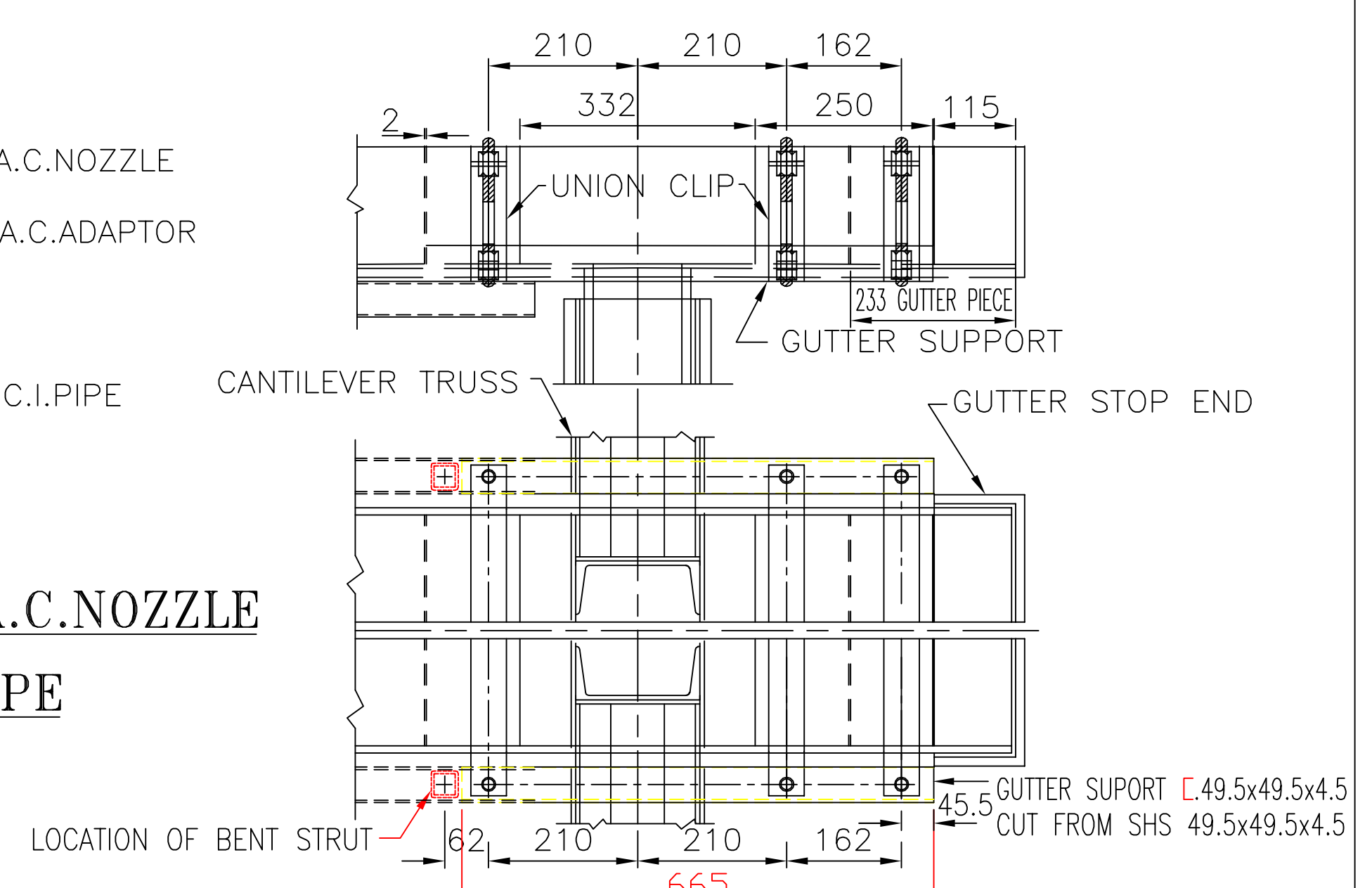
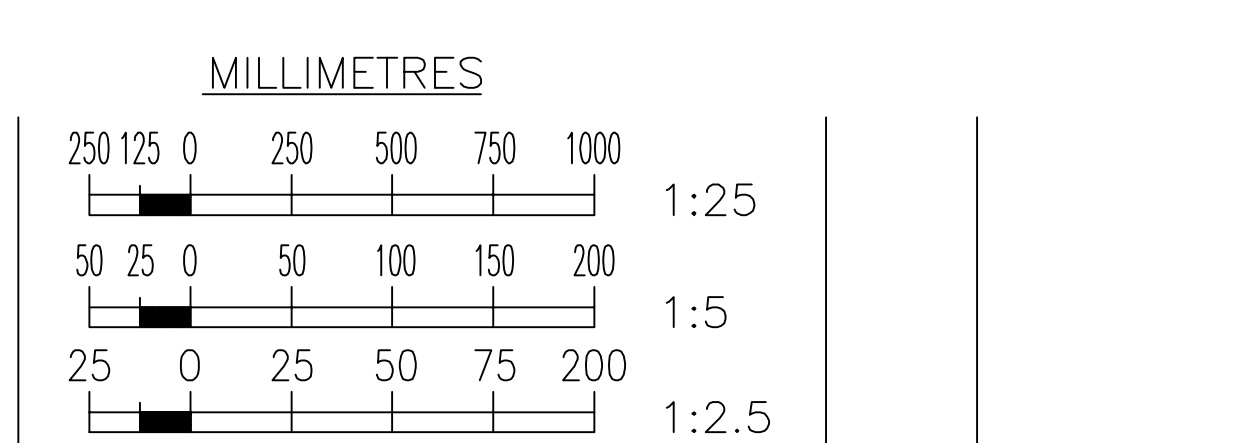
- ALL DIMENSIONS ARE IN MILLIMETRES.
- GUTTER IS TO HAVE FALL OF 16 FROM CENTRE OF SPAN TO THE CENTRE OF STANCHION.



A.C. NOZZLE FOR VALLEY GUTTER

FOR EACH 16000 LONG VALLEY GUTTER			
NO. REQD.	DESCRIPTION	LENGTH	SECTION
7	A.C. VALLEY GUTTER	2000	600x150x225
2	A.C. VALLEY GUTTER	700	600x150x225
2	A.C. NOZZLE	580	600x150x225
20	GUTTER SUPPORT	1080	50x6
10	UNION CLIP	250	—
	G.I. SEAM BOLTS 8 DIA.	—	—
40	CHANNEL CL. TO HOLD UPRIGHT BOLTS FOR GUTTER SUPPORT	80	[L.49.5x49.5x4.5
40	UPRIGHT BOLTS 16 DIA. FOR GUTTER SUPPORTS	150	—

FOR EACH STOP END			
NO. REQD.	DESCRIPTION	LENGTH	SECTION
1	A.C. VALLEY GUTTER PIECE	233	600x150x225
1	A.C. STOP END	115	—
1	UNION CLIP	250	—
2	GUTTER SUPPORT	1080	50x6
4	UPRIGHT BOLTS 16 DIA. FOR GUTTER SUPPORT	—	—
	G.I. SEAM BOLTS 8 DIA.	—	—
2	EXTENSION PIECE FOR GUTTER SUPPORT	665	[L.49.5x49.5x4.5



FOR EACH C.I. DOWN PIPE			
NO. REQD.	DESCRIPTION	LENGTH	SECTION
1	C.I. DOWN PIPE WITH SOCKET	1800	INT. DIA. 150
1	C.I. DOWN PIPE WITH SOCKET	1636	INT. DIA. 150
1	C.I. DOWN PIPE WITH SOCKET	285	INT. DIA. 150
1	C.I. DOWN PIPE WITH SOCKET	585	INT. DIA. 150
4	CLAMPS	—	50x8
6	BOLT 12 DIA. FOR CLAMPS	35	—
8	BOLT 12 DIA. FOR CLAMPS	50	—
2	BENDS FOR RAIN WATER PIPE (112.5)	—	INT. DIA. 150
1	A.C. ADAPTOR	—	—

THIS DRAWING IS THE PROPERTY OF
RESEARCH DESIGNS & STANDARDS ORGANISATION
(MINISTRY OF RAILWAYS)
LUCKNOW-226011 (INDIA)
AND SHALL NOT BE USED, COPIED OR REPRODUCED IN
PART OR WHOLE WITHOUT PRIOR CONSENT IN WRITING.

R. D. S. O.
PASSENGER PLATFORM SHELTER
10.67m WIDE B.G.
PARTLY USING RHS/SHS
C.I. PIPE AND VALLEY GUTTER
(FOR BASIC WIND SPEED UPTO 47 m/Sec.)
PROVISIONAL 31-7-2003
RDSO/R-10641/6

NOTE

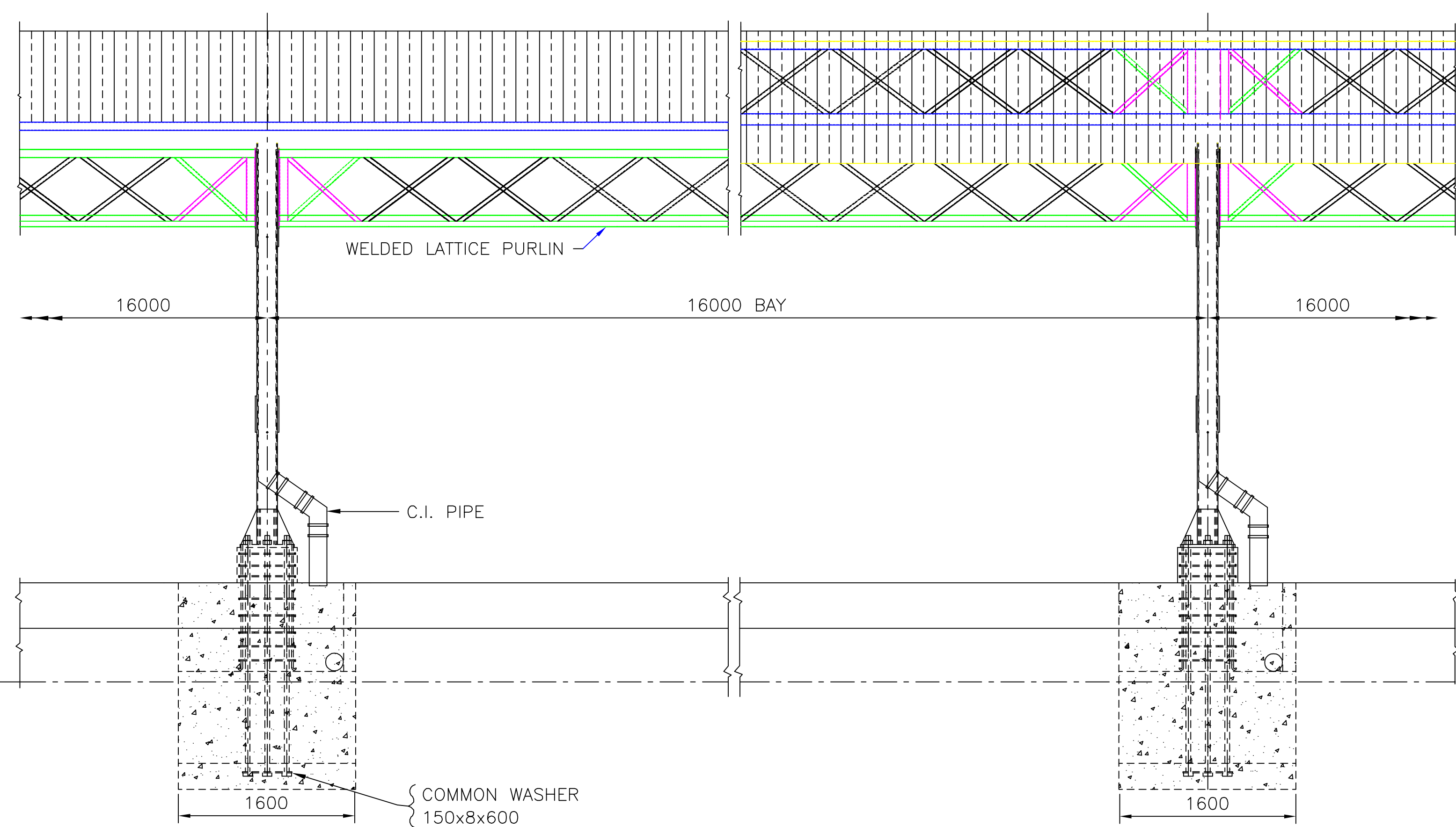
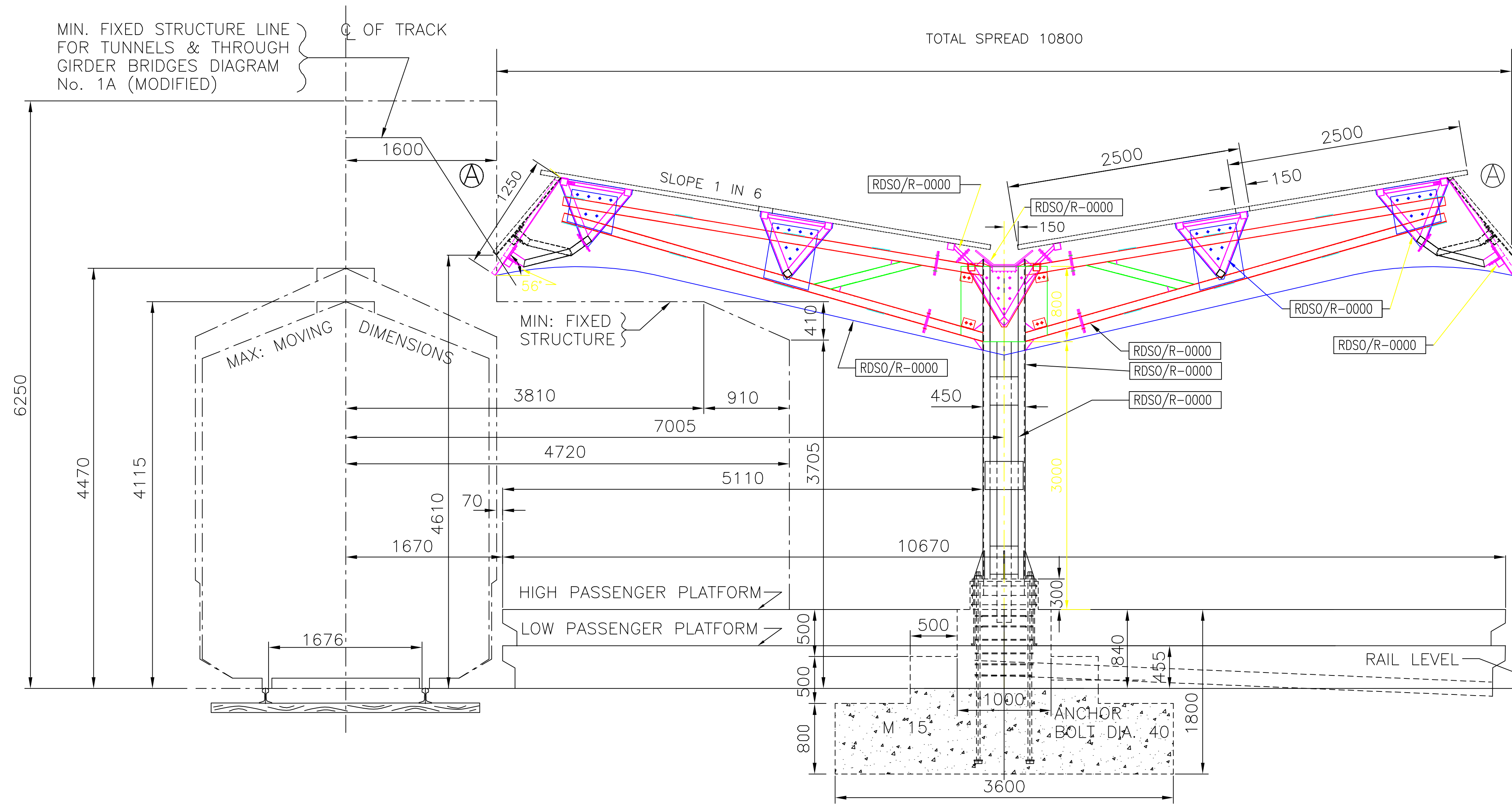
SPECIFICATION

SCALE

ALT.

DESCRIPTION

DATE



MATERIAL FOR ALTERNATIVE
ARRANGEMENT VIDE NOTE No.12

No. REQD.	DESCRIPTION
34	1030 LONG A.C.C.SHEET FOR SINGLE BAY
32	1030 LONG A.C.C. SHEET FOR EACH ADDL. BAY

DESIGN IS NOT SUITABLE FOR THE CONDITION
"BAYS BLOCKED ALONG THE LINE OF COLUMNS"

FORCES AT THE BASE OF FOUNDATION

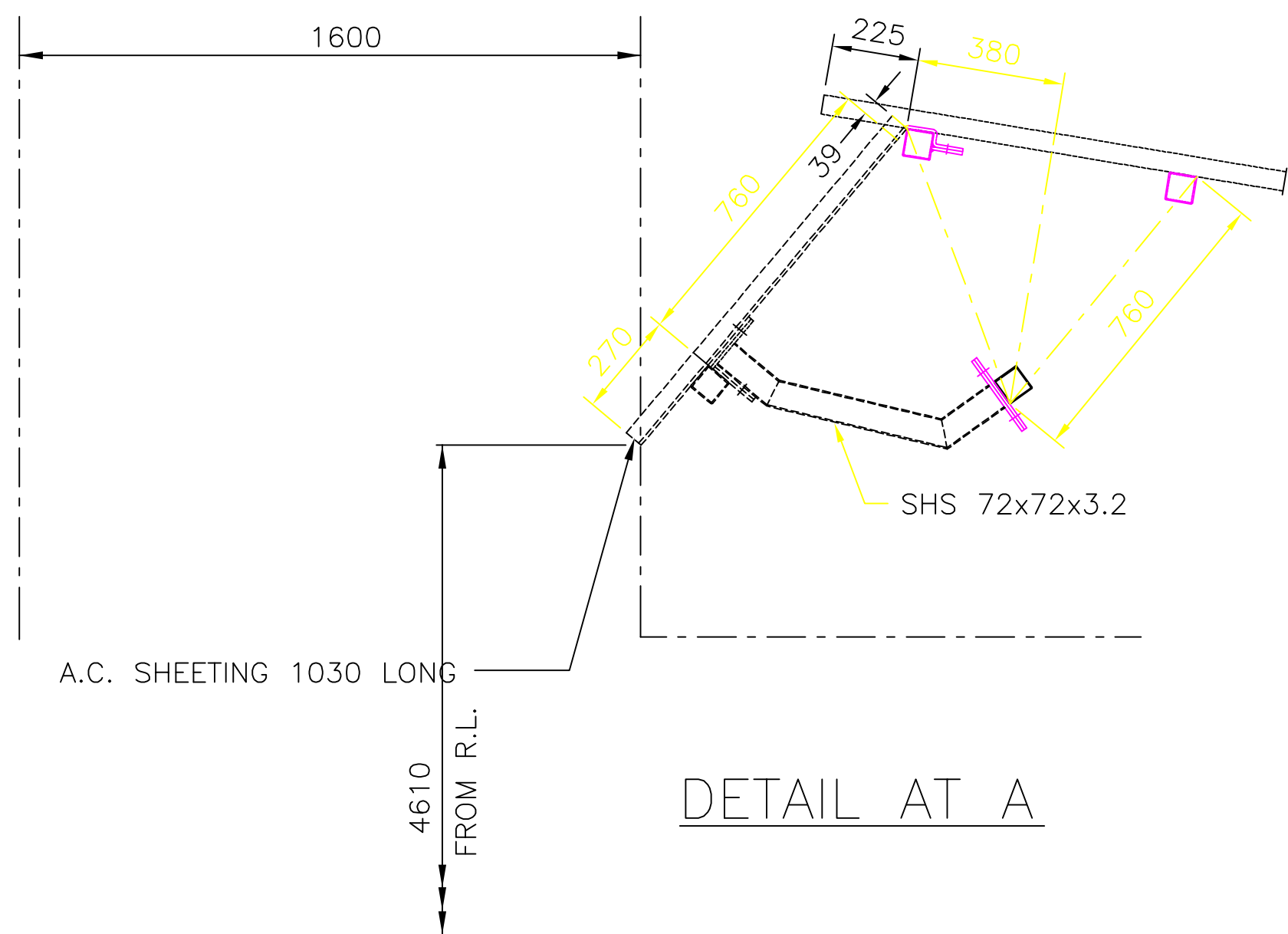
DESCRIPTION	WITHOUT WIND LOAD	WITH WIND LOAD
MOMENTS	—	12 tm
VERT. LOAD	31.0 t.	25.0 t.

RELATED DRAWINGS

DESCRIPTION	REFERENCE
STANCHION	RDSO/R-10641/1
CANTILEVER TRUSS	RDSO/R-10641/2
WELDED PURLIN	RDSO/R-10641/3
ANGLE IRON RUNNER FOR ROOF & SIDE SHEETING	RDSO/R-10641/4
GABLE END COVERING	RDSO/R-10641/5
C.I. PIPE AND VALLEY GUTTER	RDSO/R-10641/6
TYPICAL DESIGN OF FOUNDATION	RDSO/R-10641/7

No. REQD.	DESCRIPTION FOR EACH ADDITIONAL BAY	DRG. No.
64	2500 LONG A.C.C. SHEETS	
32	1250 LONG A.C.C. SHEETS	
1	A.C. VALLEY GUTTER 16000 LONG	RDSO/R-0000
1	150 DIA: C.I. DOWN PIPE	RDSO/R-0000
4	JOINING PIECES BETWEEN SPANS FOR RUNNERS	RDSO/R-0000
2	RUNNERS SUPPORTING SIDE SHEETING	RDSO/R-0000
2	RUNNERS SUPPORTING ROOF SHEETING	RDSO/R-0000
8	JOINING PIECES BETWEEN SPANS FOR PURLINS	RDSO/R-0000
5	PURLINS	RDSO/R-0000
1 PAIR	INTERMEDIATE CANTILEVER TRUSSES	RDSO/R-0000
1	INTERMEDIATE STANCHION	RDSO/R-0000
	8 DIA.x255 LONG CRANK BOLTS WITH NUTS	
	8 DIA.x240 LONG CRANK BOLTS WITH NUTS	
	BITUMEN WASHERS TO SUIT 8 DIA. CRANK BOLTS	
	FLAT WASHERS TO SUIT 8 DIA. CRANK BOLTS	

No. REQD.	DESCRIPTION FOR SINGLE BAY	DRG. No.
68	2500 LONG A.C.C. SHEETS	
34	1250 LONG A.C.C. SHEETS	
2	GABLE ENDS	RDSO/R-0000
2	A.C. STOP ENDS	RDSO/R-0000
2	A.C.VALLEY GUTTER FOR END COLUMN	RDSO/R-0000
1	A.C VALLEY GUTTER 16000 LONG	RDSO/R-0000
2	150 DIA. C.I. DOWN PIPES	RDSO/R-0000
8	END OVERHANGS FOR SIDE AND ROOF RUNNERS	RDSO/R-0000
2	RUNNERS SUPPORTING SIDE SHEETING	RDSO/R-0000
2	RUNNERS SUPPORTING ROOF SHEETING	RDSO/R-0000
16	EXTENSION PIECES	RDSO/R-0000
5	PURLINS	RDSO/R-0000
2 PAIRS	END CANTILEVER TRUSSES	RDSO/R-0000
2	END STANCHIONS	RDSO/R-0000
	TYPICAL FOUNDATION	RDSO/R-0000
	8 DIA.x255 LONG CRANK BOLTS WITH NUTS	
	8 DIA.x240 LONG CRANK BOLTS WITH NUTS	
	BITUMEN WASHERS TO SUIT 8 DIA. CRANK BOLTS	
	FLAT WASHERS TO SUIT 8 DIA. CRANK BOLTS	

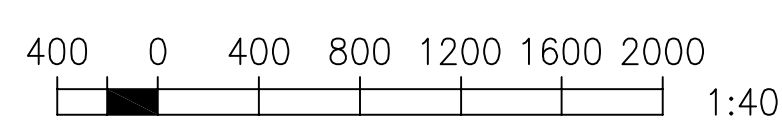


- ALL DIMENSIONS ARE IN MILLIMETRES.
- THE DESIGN IS BASED ON IS: 800.
- LOADING STANDARD ADOPTED IS ACCORDING TO IS: 875 (PART 3)-1987 WITH BASIC WIND SPEED OF 47m/Sec. (DESIGN WIND PRESSURE OF 135 Kg/m²).
- CO-EFFICIENTS OF WIND PRESSURE ON BUTTERFLY ROOF ARE ADOPTED AS GIVEN IN SKETCH No. EDO-2082
- DESIGN IS SUITABLE FOR THE CONDITIONS OF EXPOSURE WITH VALANCE OF 56° AS GIVEN IN SKETCH No. EDO-2082 EXCEPT THE CONDITION "BAYS BLOCKED ALONG THE LINE OF COLUMNS".
- THE SECTION OF THE COLUMN IS ALSO SUITABLE FOR THE INCREASED HEIGHT REQUIRED FOR RAIL LEVEL PLATFORM AND THE LENGTH OF THE COLUMN CAN BE INCREASED SUITABLY.
- CONFIGURATION OF THE STRUCTURE IS SUITABLE FOR THE CLEARANCES REQUIRED FOR 25 kv AC TRACTION.
- FOR DETAILS OF PARTS SEE DRG. No. RDSO/R- 10641/1 TO RDSO/R- 10641/7 .
- WEIGHT OF STEEL IS 38.0 Kg. (APPROX.) PER Sq.m OF PLATFORM AREA.
- THE No. OF CRANK BOLTS AND WASHERS MAY BE WORKED OUT BY THE RAILWAY AS PER THE REQUIREMENT.
- IN MAKING SITE JOINTS, BOLTS SHOULD BE DIPPED IN THICK RED LEAD PAINT BEFORE INSERTION IN THE HOLES.
- WHENEVER EMU OR OTHER 3660 mm (12'-0") STOCK IS TO BE INTRODUCED IN A SECTION, THE VALANCE SHALL BE AS PER THE ALTERNATIVE ARRANGEMENT SHOWN DOTTED VIDE DETAIL AT 'A' (ITEM 629 OF 54th BSC).
- ALL OPEN ENDS OF HOLLOW SECTIONS AFTER FABRICATION, IF ANY, SHOULD BE SEALED TO PREVENT CORROSION OF INTERNAL SURFACES BY WELDING A 6 TH. PLATE.

NOTE

BLACK BOLTSIS: 1363
MATERIAL IS: 2062, IS: 4923
FABRICATION & } IS: 800
ERECTION
WELDING..... { IS: 814
IS: 815
IS: 816
IS: 817
IS: 823
HOOK BOLTS..... IS: 730
TURNED BOLTS.....IS:1364
A.C.C.SHEETING.....IS: 459
A.C.GUTTERS..... IS:1626
C.I.PIPE.....IS:1230
CONCRETE.....IS: 456

MILLIMETRES



SPECIFICATION

SCALE

ALT.

DESCRIPTION

DATE

THIS DRAWING IS THE PROPERTY OF
RESEARCH DESIGNS & STANDARDS ORGANISATION
(MINISTRY OF RAILWAYS)
LUCKNOW-226011(INDIA)
AND SHALL NOT BE USED,COPIED OR REPRODUCED IN
PART OR WHOLE WITHOUT PRIOR CONSENT IN WRITING.

R. D. S. O.

PASSENGER PLATFORM SHELTER
10.67 m WIDE B.G.
PARTLY USING RHS/SHS
GENERAL ARRANGEMENT
(FOR BASIC WIND SPEED UPTO 47 m/Sec.)

PROVISIONAL 31-7-2003

RDSO/R-10641

CALCULATION REGISTER No.

PAGES
1 TO

DONE BY - S. S. KASHIVE
CHECKED BY - N. K. MURTHY

DRAWN BY - MOHD. AZHAR

CHECKED BY - S. S. KASHIVE

SCRUTINISED & CHECKED BY-

DD/SS-1

SCRUTINISED & CHECKED BY-

DBS/SB-II

APPROVED BY-

EDBS

AutoCAD FILE No. R10641

NOTIFICATION No.

FLOPPY No.