

TABLE 1 – PARAMETERS FOR VERTICAL BRACING TO COLUMN CONNECTION

BEAM PROFILE NAME IN DRAWINGS	DIAGONAL PROFILE NAME IN DRAWINGS	END PLATE		BOLT ROWS FOR DISSIPAT. VERTICAL EDGE CONNECTION										WELD STRENGTH P.L.	
		b	THICKNESS	BOLT ROWS FOR DISSIPAT. VERTICAL EDGE CONNECTION	NO. OF BOLTS PER ROW	BOLT SIZE	a1	a2	a3	g	bw	t	ts		
		mm	(mm)			mm	mm	mm	mm	mm	mm	mm	mm		
H340-12-20x300	21-100x100x10 21-80x80x8	300	30	2	5	30	90	60	130	120	6	12	25		
H280-10-20x240	21-100x100x10 21-80x80x8	240	30	2	4	30	90	60	130	120	6	10	20		
H224-8-12x200	21-170x120x12 21-100x100x10	220	30	2	5	27	90	60	130	110	6	8	15		
H230-8-15x200	21-170x120x12 21-80x80x8	220	30	2	5	27	90	60	130	110	6	8	15		
PE220 PE270 PE240		200	25	2	5	24	90	50	130	100	6	8	15		

TABLE 2-GUSSET PLATE CONNECTION PARAMETERS

DIAGONAL PROFILE	GUSSET PLATE		WELD
	t _g	w ₂	
Name in Drawings	mm	mm	
2L 80x80x8	10	8	
2L 100x100x10	12	10	
2L 120x120x12	15	12	
2L 150x150x15	20	15	

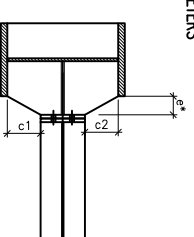
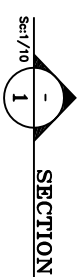


TABLE e*

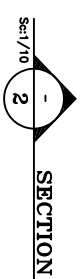
C=MIN. (C1,C2)	e*
mm.	mm.
C≤50	75
50<Q<75	50
C>75	0

TRUSS TO COLUMN CONNECTION TYPE 1

Sci: 1/10



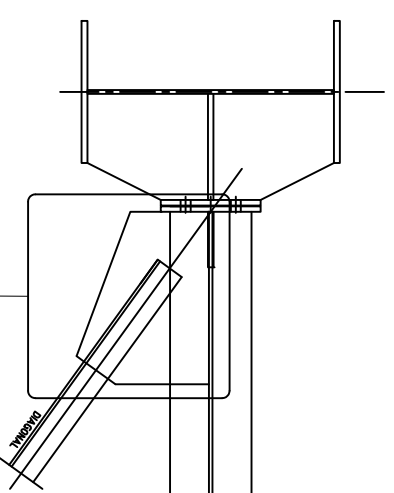
SECTION



SECTION

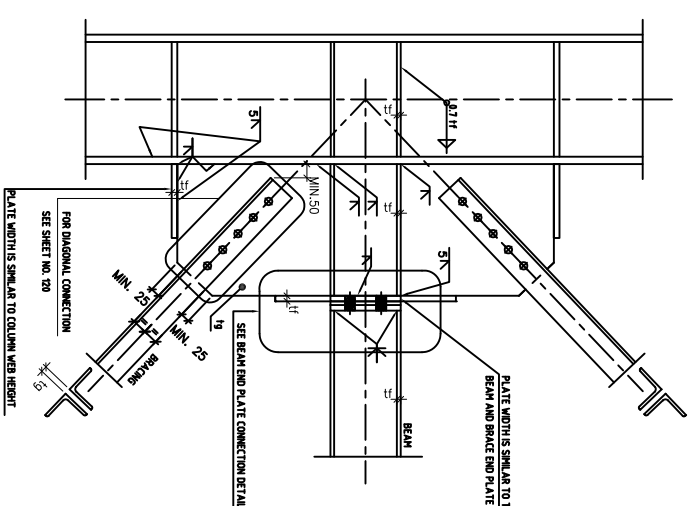
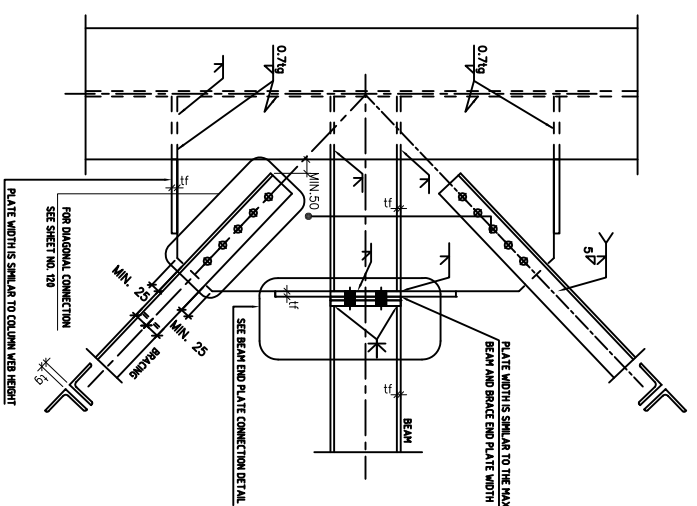
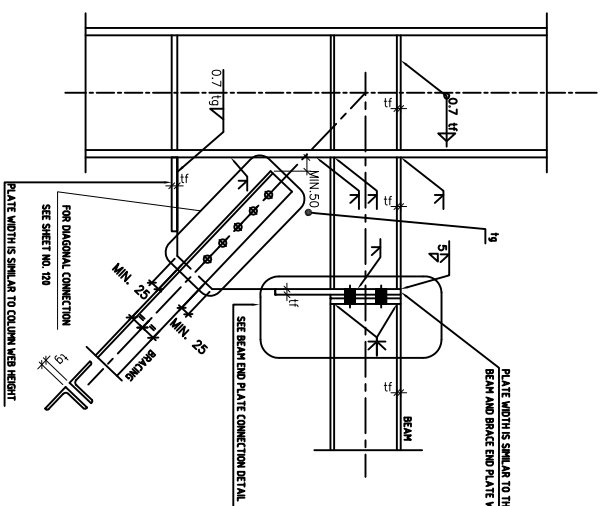
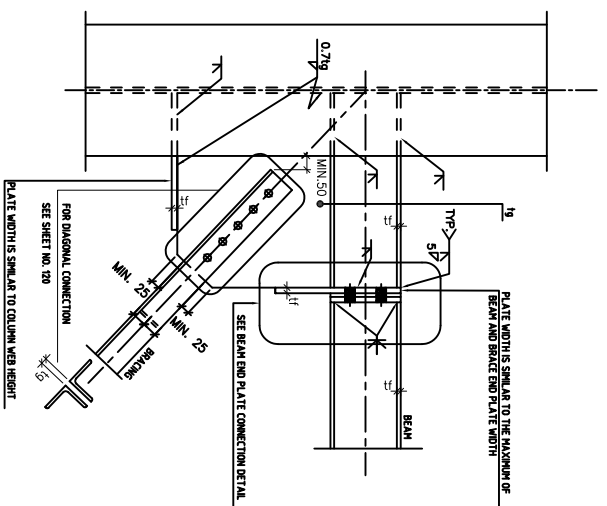
ECCENTRICITY e^*

Sci: N.T.S



SECTION

Sc:1/10 3





TRUSS TO COLUMN CONNECTION TYPE 2

Sci: 1/10

TABLE 2-GUSSET PLATE CONNECTION PARAMETERS

BEAM PROFILE MADE IN DRAWINGS	CUSSET	PLATE THK
	tg	tf
H274-8-12x240	25	12
H280-8-15x240	25	15
H290-8-20x240	30	20

02 OCT 2015	ISSUED FOR CONSTRUCTION	IFC	HAFIZ	SAJWAZ			
01 SEP 2015	ISSUED FOR APPROVAL	IFA	HAFIZ	SAJWAZ			
REV / DATE	DESCRIPTION	PURPOSE OF ISSUE	PREPARE	CHECK			
Project:		KOWSAR GISD MEGA MODULE PROJECT					
Client:		Contractor					
 کوسار جیسد میگا مودول		 ماینز و متالز تکنولوژیکال انجینیرینگ کو.					
		MINES & METALS TECHNOLOGICAL ENGINEERING CO.					
Client's Project Code	Main Contractor	New Code	Plant Group	Equipment Code	Document Type	Eng. Discipline	Serial No.
GISD	7-2	119	1003	7	AA	04	122
SOUTHERN DATE		designator:		AREA 350 / PIPE RACK AREA			
DESIGNED	HAFIZ	SEP 2015	VERTICAL BRACING AND BEAM TO COLUMN CONNECTION DETAIL				
PREPARED	HAFIZ	SEP 2015	drawing No.				
CHECKED	SAJWAZ	SEP 2015	KGMM SF 13 C3 122				
APPROVED	SAJWAZ	SEP 2015	[Signature] (Stamp)				
Scale:		Ratio:		AS SHOWN		SHEET	
SIZE: A1		SHEET:		1		1	
DRAWN BY:		CHECKED BY:		APPROVED BY:		DATE:	