

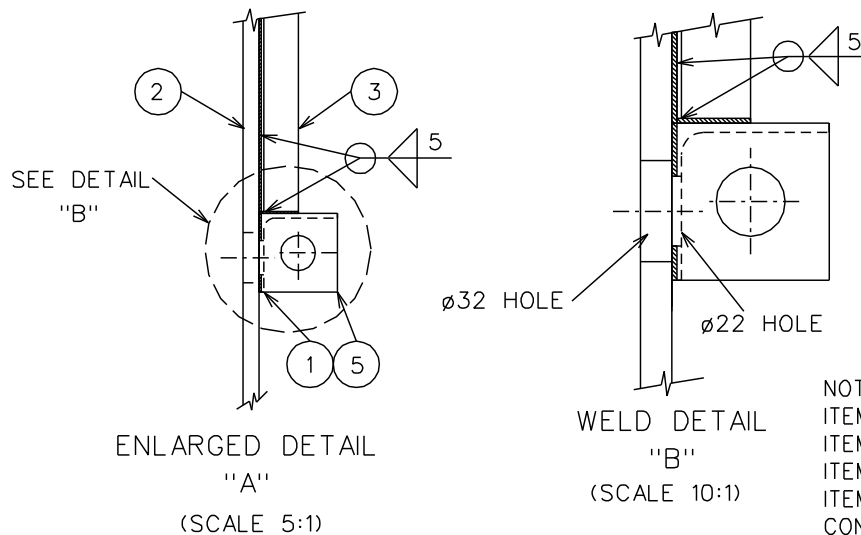
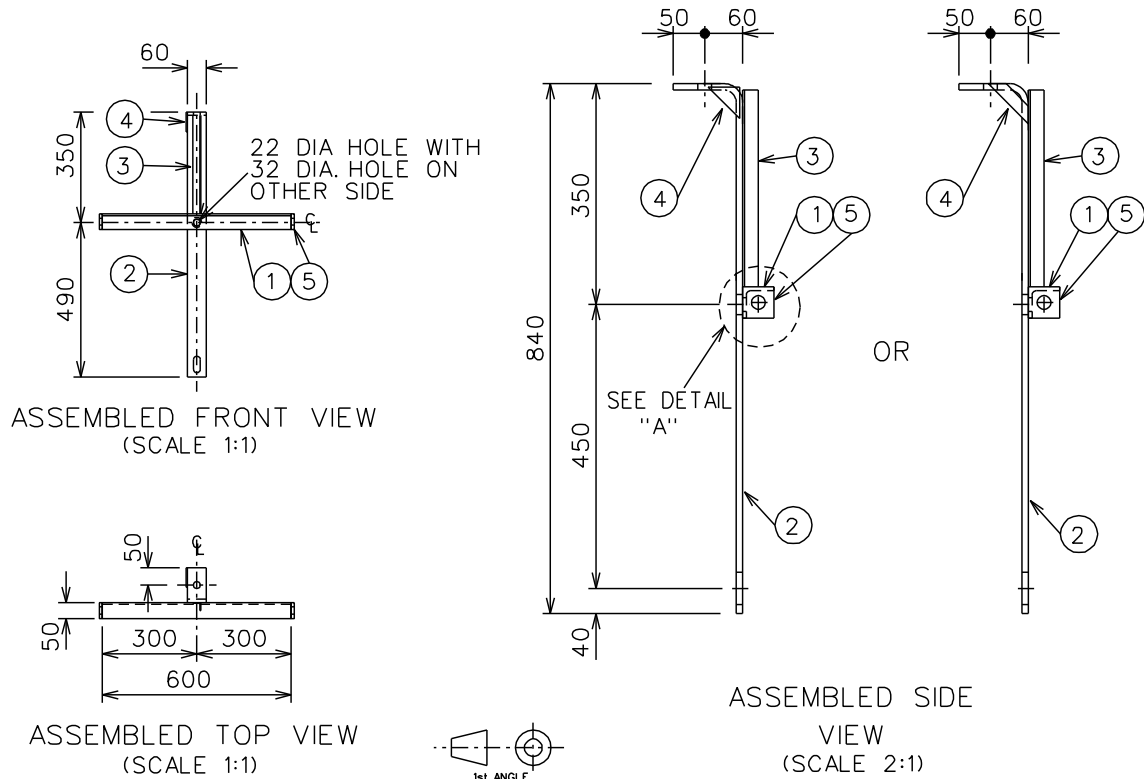
FOR DRAWING DETAILS
SEE SHEETS 2, 3 AND 4

SAP MATERIAL No.:	0206691						
SHORT DESCRIPTION:	X-ARM:ST INTERM T 50X50X6X600LG L D3001						
TECH. DESCRIPTION:							
CROSSARM: TYPE: ST INTERM T 50X50X6X600LG L; DIMENSIONS: SQ 50 X LG 600 X THK 6 MM; MATERIAL: GRADE S355JR STEEL HOT DIPPED GALVANISED; INTERMEDIATE "T" CROSSARM ASSEMBLY; CONSISTING OF: ITEM 1 (1 OFF) - CROSSARM 50 X 50 X 6 X 600MM LONG EQUAL ANGLE, SUPPORTED ON ITEM 2 (1 OFF) - CROSSMEMBER 60 WIDE X 110 ARM X 950 LG X 10MM THICK FLAT STEEL, WITH ITEM 3 (1 OFF) - CROSSMEMBER STIFFNER 25 X 25 X 3 X 312MM LONG EQUAL ANGLE, WITH ITEM 4 (1 OFF) - CROSSMEMBER BRACE 20 X 90 X 6 THICK FLAT STEEL OR 50 X 50 X 6MM THICK FLAT STEEL CUT TO FIT AS PER DRAWING AND ITEM 5 (2 OFF) - INSULATOR MOUNTING END CAPS 50 X 50 X 10MM THICK FLAT STEEL; ALL WELDED TOGETHER WITH 5MM CONTINUOUS SEAL WELD TO CONFORM TO SANS 10162-1; TOLERANCES ON DIMENSIONS +2MM AND ON DRILLING CENTRES +1MM; ASSEMBLED MASS + 8.17KG'S; ESKOM DRAWING No. D-DT-3001 *							
ITEM	:- XARM, ST INTERM T 50x50x6x600 LG ANGLE						
MATERIAL SPECIFICATION	:- SANS 50025-2						
CORROSION SPECIFICATION	:- SANS 121						
STANDARD SPECIFICATION	:-						
ESKOM SPECIFICATION	:- 240-75883830						
TEST & CERTIFICATION REQUIREMENTS :- SANS 61284, 240-75883830							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS							
13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS.		J.S.	V SINGH	V SINGH	18.08.2023	
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W		P.A.T.	S. MASHABA	B. HILL	07.09.2010	
11	MATERIAL AND SPEC'S CHANGED		P.A.T.	S. MASHABA	B. HILL	10.03.2010	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	10.07.1996	SCALE NTS		SAP No:	
CHKD:	J. SWAN	DATE:	10.07.1996	CAD REF:		0206691	
				SERIES 3000		SET	SHEET
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995	FILE No:		7	1
				3001			13



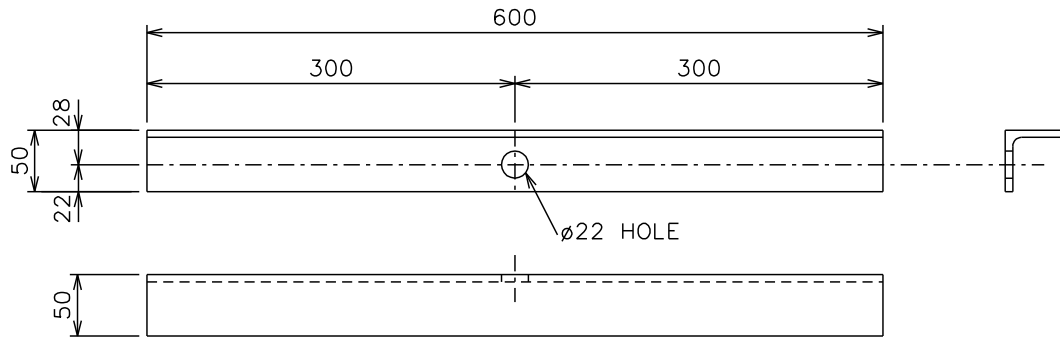
D-DT-3001

INTERMEDIATE "T" CROSSARM 50x50x6x600 LONG ASSEMBLY

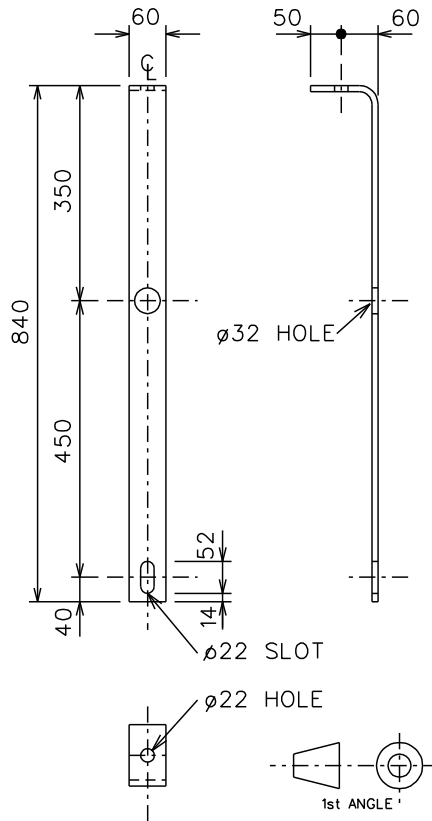


WELDING DETAILS

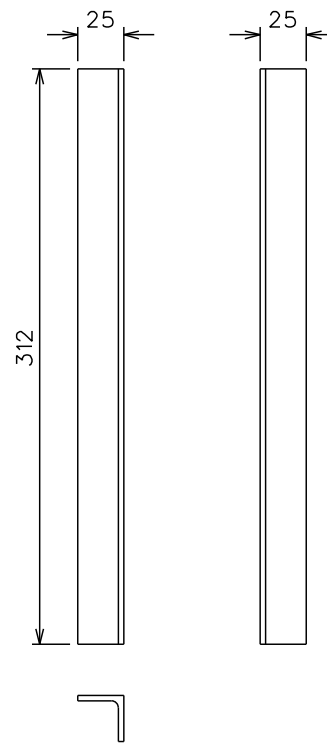
13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS.			J.S.	V SINGH	V SINGH	18.08.2023	
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W			P.A.T.	S. MASHABA	B. HILL	07.09.2010	
11	MATERIAL AND SPEC'S CHANGED			P.A.T.	S. MASHABA	B. HILL	10.03.2010	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	10.07.1996	SCALE NTS			SAP No:	
CHKD:	J. SWAN	DATE:	10.07.1996	CAD REF:			0206691	
				SERIES 3000				
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995	FILE No:		D-DT-3001		
				3001		7	2	13



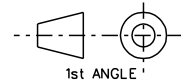
ITEM 1 - CROSSARM
50x50x6x600 lg. EQUAL ANGLE
(1 OFF)
(SCALE 2:1)



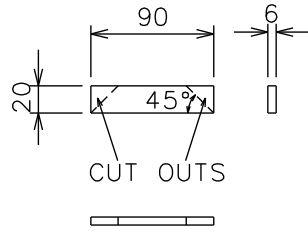
ITEM 2 - CROSSMEMBER
60x10x950 lg FLAT STEEL
(1 OFF)
(SCALE 1:1)



ITEM 3 - CROSSMEMBER STIFFENER
25x25x3x312 lg. EQUAL ANGLE
(1 OFF)
(SCALE 3:1)

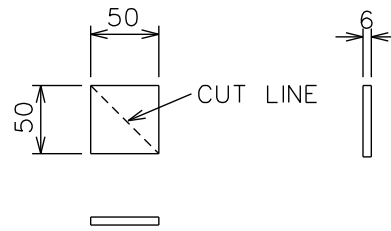


13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS		J.S.	V SINGH	V SINGH	18.08.2023	
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W		P.A.T.	S. MASHABA	B. HILL	07.09.2010	
11	MATERIAL AND SPEC'S CHANGED		P.A.T.	S. MASHABA	B. HILL	10.03.2010	
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	10.07.1996			SAP No:	
CHKD:	J. SWAN	DATE:	10.07.1996			0206691	
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995			SET	SHEET
				D-DT-3001		7	3
							13



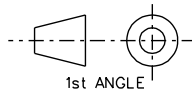
20x90x6 THICK FLAT STEEL
(1 OFF)

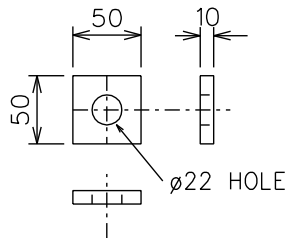
OR



50x50x6 THICK FLAT STEEL
(1 OFF)

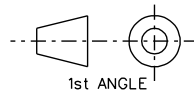
ITEM 4 - CROSSMEMBER BRACE (SCALE 2:1)





ITEM 5 INSULATOR MOUNTING END CAPS

50x50x10 THICK FLAT STEEL
(2 OFF)
(SCALE 2:1)

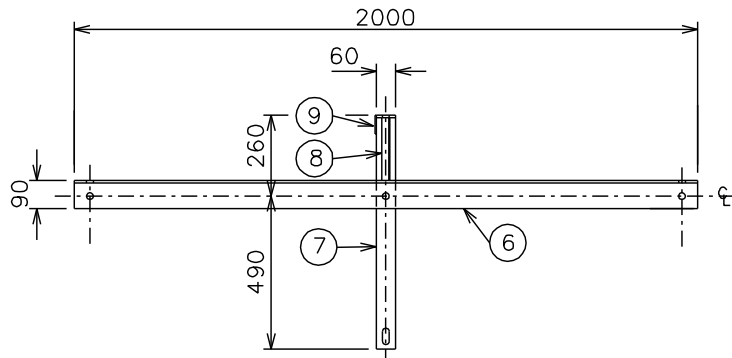


13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS.			J.S.	V SINGH	V SINGH	18.08.2023	
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W			P.A.T.	S. MASHABA	B. HILL	07.09.2010	
11	MATERIAL AND SPEC'S CHANGED			P.A.T.	S. MASHABA	B. HILL	10.03.2010	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	10.07.1996	SCALE NTS		SAP No:		
CHKD:	J. SWAN	DATE:	10.07.1996	CAD REF:		0206691		
				SERIES 3000	D-DT-3001	SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995	FILE No: 3001		7	4	13

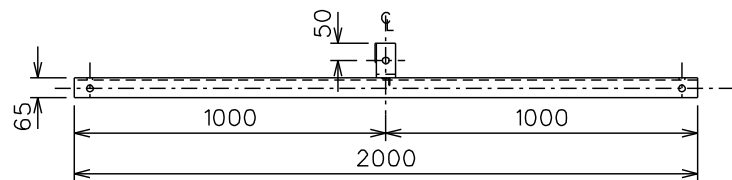
FOR DRAWING DETAILS
SEE SHEETS 6 AND 7

SAP MATERIAL No.:	0168689							
SHORT DESCRIPTION:	X-ARM:ST INTERM T 90X65X8X2000LG L D3001							
TECH. DESCRIPTION:								
CROSSARM: TYPE: ST INTERM T 90X65X8X2000LG L; DIMENSIONS: WD 90 MM X LG 2 M X HT 65 MM X THK 8 MM; MATERIAL: GRADE S355JR STEEL HOT DIPPED GALVANISED; INTERMEDIATE "T" CROSSARM ASSEMBLY; CONSISTING OF: ITEM 6 (1 OFF) - CROSSARM 90 X 65 X 8 X 2000MM LONG UNEQUAL ANGLE, SUPPORTED ON ITEM 7 (1 OFF) - CROSSMEMBER 60 WIDE X 110 ARM X 860 LG X 10MM THICK FLAT STEEL, WITH ITEM 8 (1 OFF) - CROSSMEMBER STIFFNER 25 X 25 X 3 X 195MM LONG EQUAL ANGLE, WITH ITEM 9 (1 OFF) - CROSSMEMBER BRACE 20 X 90 X 6 THICK FLAT STEEL OR 50 X 50 X 6MM THICK FLAT STEEL CUT TO FIT AS PER DRAWING; ALL WELDED TOGETHER WITH 5MM CONTINUOUS SEAL WELD TO CONFORM TO SANS 10162-1; TOLERANCES ON DIMENSIONS +2MM AND ON DRILLING CENTRES +1MM; ASSEMBLED MASS + 23.12KG'; ESKOM DRAWING No. D-DT-3001 *								
ITEM	:- XARM, ST INTERM T 90x65x8x2000 LG ANGLE							
MATERIAL SPECIFICATION	:- SANS 50025-2							
CORROSION SPECIFICATION	:- SANS 121							
STANDARD SPECIFICATION	:-							
ESKOM SPECIFICATION	:- 240-75883830							
TEST & CERTIFICATION REQUIREMENTS	:- SANS 61284, 240-75883830							
INSPECTION	Yes	No	ESKOM RELEASE NOTE			Yes	No	
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS								
13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS		J.S.	V SINGH	V SINGH	18.08.2023		
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W		P.A.T.	S. MASHABA	B. HILL	07.09.2010		
11	MATERIAL AND SPEC'S CHANGED		P.A.T.	S. MASHABA	B. HILL	10.03.2010		
REV	REVISION DESCRIPTION		BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	10.07.1996			SAP No:		
CHKD:	J. SWAN	DATE:	10.07.1996			0168689		
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995			D-DT-3001		
				SCALE		SET	SHEET	
				NTS		7	5	
				CAD REF:			REV	
				SERIES 3000			13	
				FILE No:				
				3001				

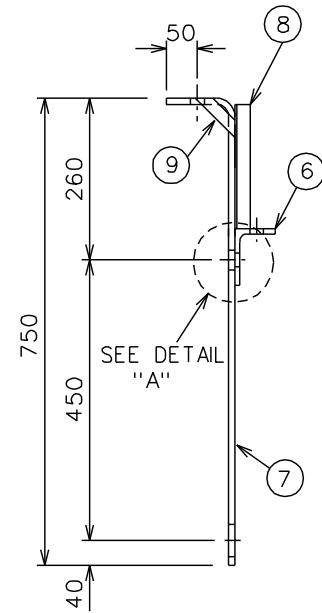
INTERMEDIATE "T" CROSSARM 90x65x8x2000 LONG ASSEMBLY



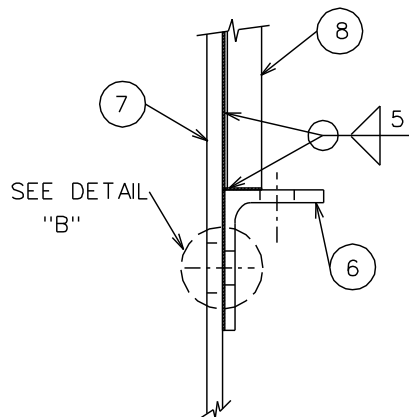
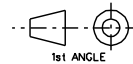
ASSEMBLED FRONT VIEW
(SCALE 1:1)



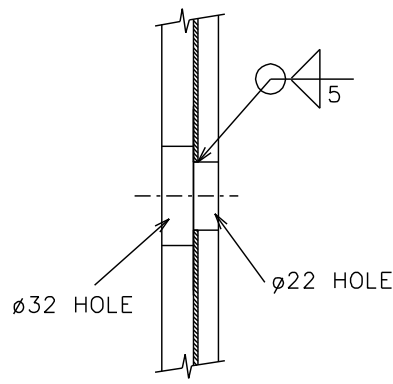
ASSEMBLED TOP VIEW
(SCALE 1:1)



ASSEMBLED SIDE VIEW
(SCALE 2:1)



ENLARGED DETAIL
"A"
(SCALE 5:1)

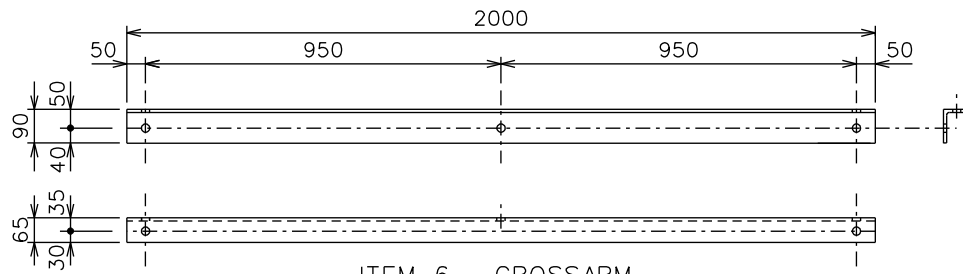


WELD DETAIL
"B"
(SCALE 10:1)

WELDING DETAILS

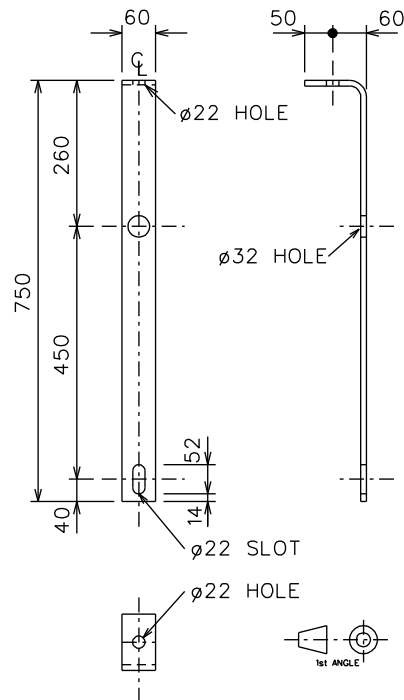
NOTE :
ITEM 1 & 3 TO BE WELDED TO
ITEM 2 WITH 5mm CONTINUOUS
SEAL WELD TO CONFORM TO
SANS 10162-1

13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS.			J.S.	V SINGH	V SINGH	18.08.2023		
12	MATERIAL GRADE CHANGED FROMS355JR/350WA TO 300W			P.A.T.	S. MASHABA	B. HILL	07.09.2010		
11	MATERIAAL AND SPEC'S CHANGED			P.A.T.	S. MASHABA	B. HILL	10.03.2010		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	10.07.1996	SCALE			SAP No:		
				NTS					
CHKD:	J. SWAN	DATE:	10.07.1996	CAD REF:			0168689		
				SERIES 3000					
				FILE No:		D-DT-3001	SET	SHEET	REV
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995	3001			7	6	13

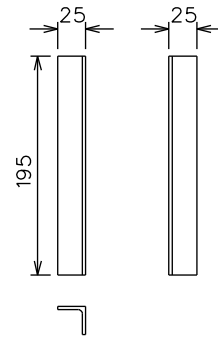


ITEM 6 - CROSSARM
90x65x8x2000 lg UNEQUAL ANGLE
(1 OFF)
(SCALE 1:1)

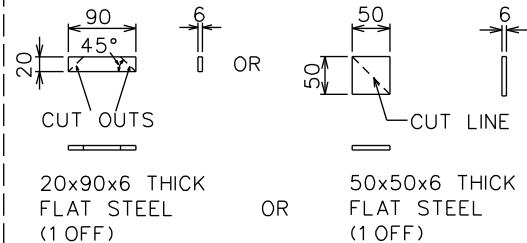
NOTE :
ALL HOLES TO BE
22mm DIAMETER.



ITEM 7 - CROSSMEMBER
60x10x860 lg FLAT STEEL
(1 OFF)
(SCALE 1.5 : 1)



ITEM 8 - CROSSMEMBER STIFFNER
25x25x3x195 lg. EQUAL ANGLE
(1 OFF)
(SCALE 3:1)



ITEM 9 - CROSSMEMBER BRACE
(SCALE 2:1)

13	UPDATE PRODUCT MATERIAL GRADE AND SPECIFICATIONS.			J.S.	V SINGH	V SINGH	18.08.2023	
12	MATERIAL GRADE CHANGED FROM S355JR/350WA TO 300W			P.A.T.	S. MASHABA	B. HILL	07.09.2010	
11	MATERIAAL AND SPEC'S CHANGED			P.A.T.	S. MASHABA	B. HILL	10.03.2010	
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS
AUTH:	P. CROWDY	DATE:	10.07.1996	SCALE NTS			SAP No:	
CHKD:	J. SWAN	DATE:	10.07.1996	CAD REF:			0168689	
				SERIES 3000				
DRAWN:	P.A. VERMAAK	DATE:	04.08.1995	FILE No:		SET		
				3001		SHEET		
D-DT-3001						REV		
						7		
						7		
						13		