

1-OFF **BS-1** (Galvanised)

ISOMETRIC VIEW  
SCALE 1:20

Mark	Qty.	Description	Length	Total kg	Grade
<b>BS-1</b>	<b>1</b>	<b>Box Structure</b>			
1000	18	75x50x4.0 RHS	2048	255.10	350
1001	14	50x50x4.0 SHS	1127	84.43	350
1002	14	75x50x4.0 RHS	600	58.13	350
1003	14	50x25x3.0 RHS	974	41.86	350
1004	9	50x50x4.0 SHS	354	17.02	350
1005	9	75x50x4.0 RHS	350	21.80	350
1006	9	75x50x4.0 RHS	170	10.59	350
1007	4	100x100x10 EA	100	5.68	300
1008	4	50x50x3.0 SHS	600	10.20	350
1009	4	75x50x4.0 RHS	600	16.61	350
1010	2	50x25x3.0 RHS	718	4.41	350
1011	2	50x50x3.0 SHS	1410	11.99	350
1012	2	50x50x3.0 SHS	1170	9.94	350
1014	2	50x50x3.0 SHS	916	7.79	350
1015	2	50x50x3.0 SHS	731	6.21	350
1016	2	50x50x3.0 SHS	730	6.20	350
1017	2	75x75x4.0 SHS	7986	135.60	350
1019	2	100x100x6.0 SHS	7986	266.73	350
1020	1	50x50x3.0 SHS	2254	9.58	350
1021	1	50x50x3.0 SHS	1529	6.50	350
1022	1	50x50x3.0 SHS	1410	5.99	350
1023	1	50x50x3.0 SHS	1409	5.99	350
1024	1	50x50x3.0 SHS	1122	4.77	350
1025	1	50x50x4.0 SHS	409	2.19	350
1026	1	50x50x4.0 SHS	225	1.20	350
1027	1	75x50x4.0 RHS	7986	55.26	350
1028	2	75x75x4.0 SHS	7986	135.60	350
1030	8	63.64x6 PL	64	1.29	350
1031	8	90x6 FL	89	1.94	350
1032	4	86x6 PL	86	1.24	350
1033	2	40x6 FL	65	0.20	350
1034	1	225x12 PL	225	4.77	350
1040	1	50x25x3.0 RHS	1398	4.29	350
1045	1	750x16 PL	3000	32.29	FM14
1046	1	750x16 PL	3000	32.23	FM14
1047	1	750x16 PL	1986	21.30	FM14
Total per Assembly				1296.93	
Grand Total				1296.93	

NOTES:

FLOOR GRATING NOT SHOWN FOR CLARITY  
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE BELOW;

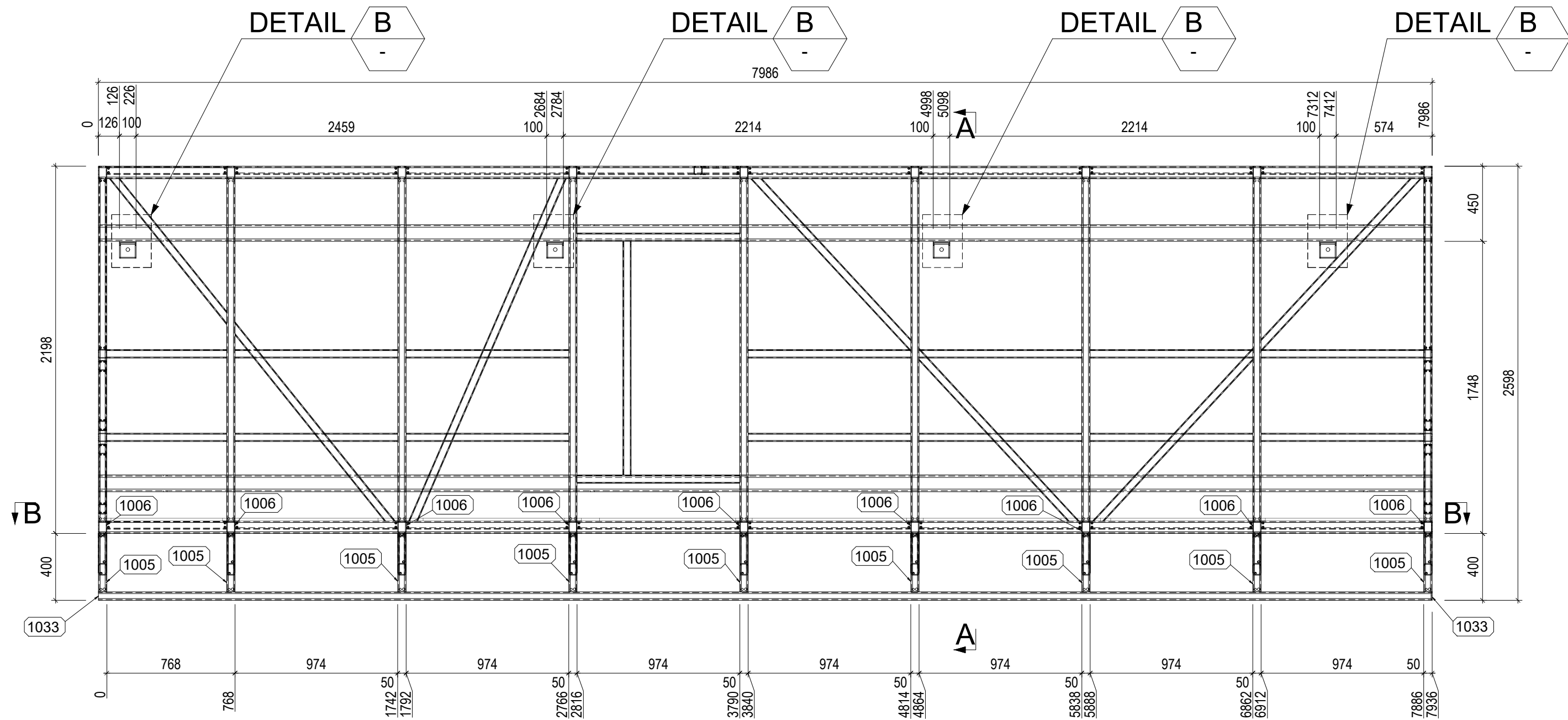
- BS-1-FF - FRONT FRAME
- BS-1-RF - REAR FRAME
- BS-1-FC - FRAME CONNECTS
- BS-1-FE - FRAME EXTRAS (LOWER CLADDING SKIRT, SCREEN SUPPORT STUBS, SAFETY CABLE MOUNTS, GRATING)

0	MM	20/05/2024	ISSUE FOR CONSTRUCTION
B	MM	15/05/2024	CAP PLATE CONNECTION DETAIL
A	MM	6/05/2024	ISSUE FOR APPROVAL
Index	Author	Date	Description

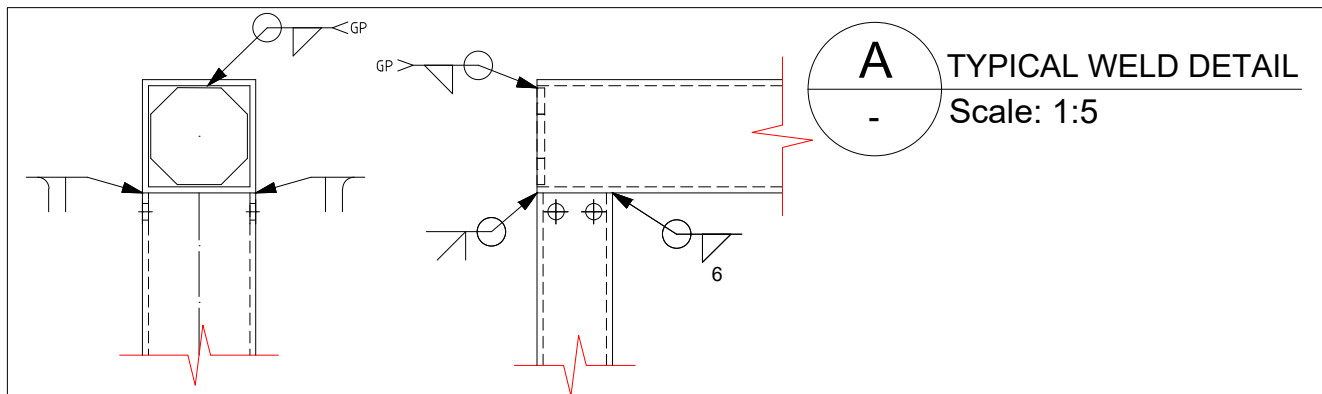
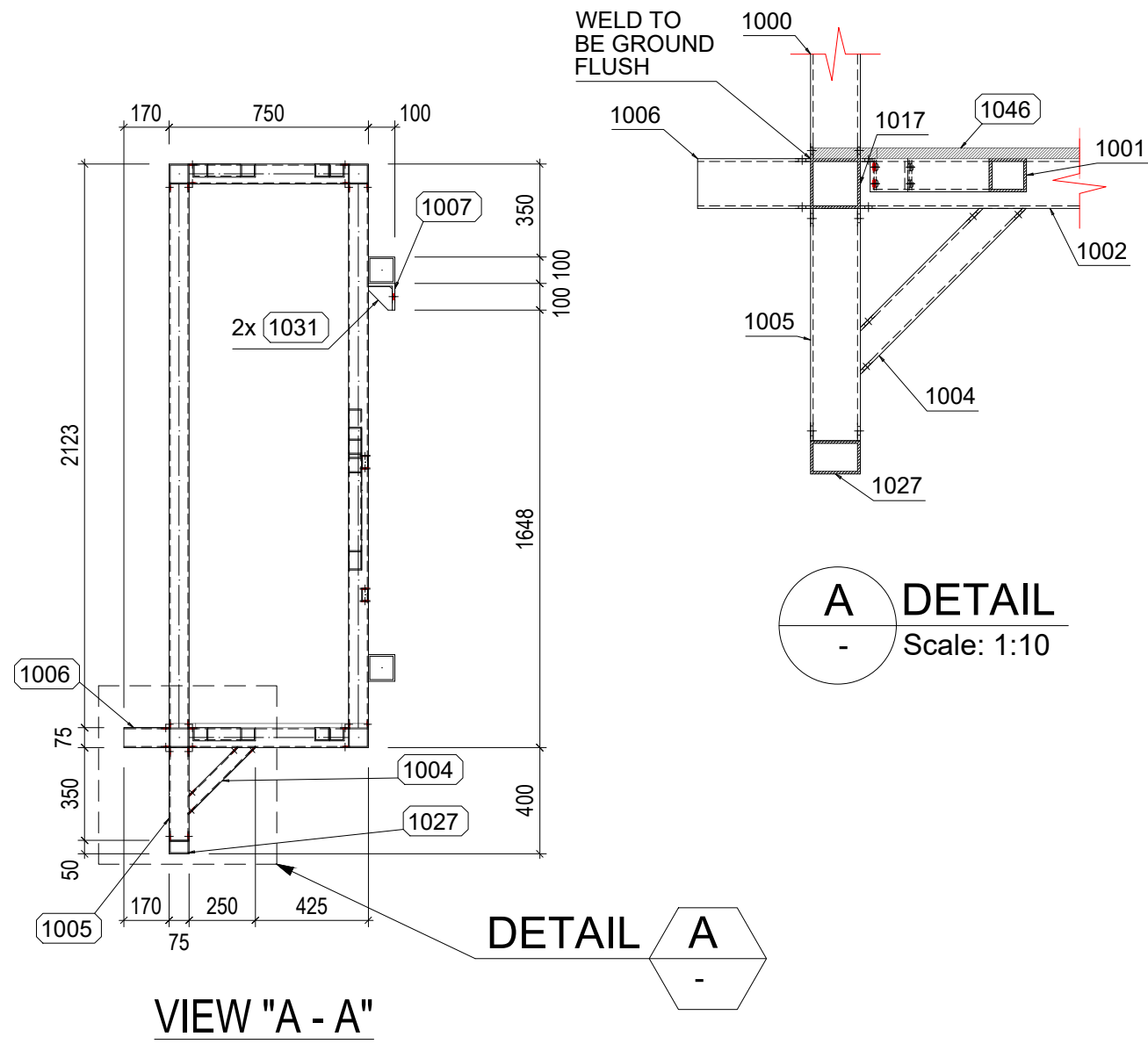
- NOTES:
- ALL DIMENSIONS IN MILLIMETERS.
  - ALL WELDS TO BE 6mm FILLET U.N.O.
  - ALL BUTT WELDS TO BE FULL PENETRATION.
  - ALL SHARP EDGES TO BE REMOVED.
  - FOR FURTHER PART DETAIL SEE INDIVIDUAL PART DRAWINGS.
  - ASSEMBLY TO BE MARKED WITH ASSEMBLY No. IN POSITION AS INDICATED AT LOCATION OF #.
  - ALL ASSEMBLY DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ENGINEERS DRAWING.
  - ALL WELD SYMBOLS AS PER AS 1101.3
  - ALL WELDS TO BE STRUCTURAL PURPOSE U.N.O



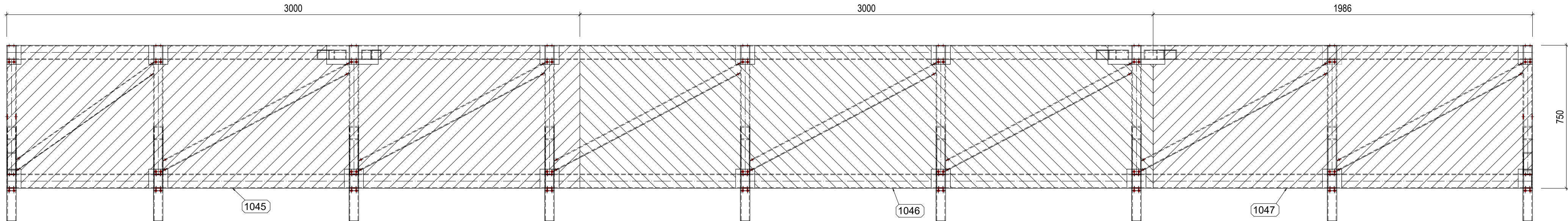
PROJECT:	Kissing Point Rd, Dundas	NAME:	Box Structure
PROJECT No.:	M9551	ASSEMBLY No.:	BS-1
CLIENT:	JCD	DWG No.:	M9551 - 320 - BS-1
DETAILER:	MM	DATE:	15/05/2024
GENERAL TOLERANCES:	0 > 400 = ± 1.0 400 > 1000 = ± 1.5 1000 > 2000 = ± 2.0	MATERIAL:	300,350,FM14
	2000 > 4000 = ± 3.0 4000 > 8000 = ± 4.0 8000 > UP = ± 4.5	SCALE@A2:	1:20
		3rd ANGLE PROJECTION	REVISION: 0



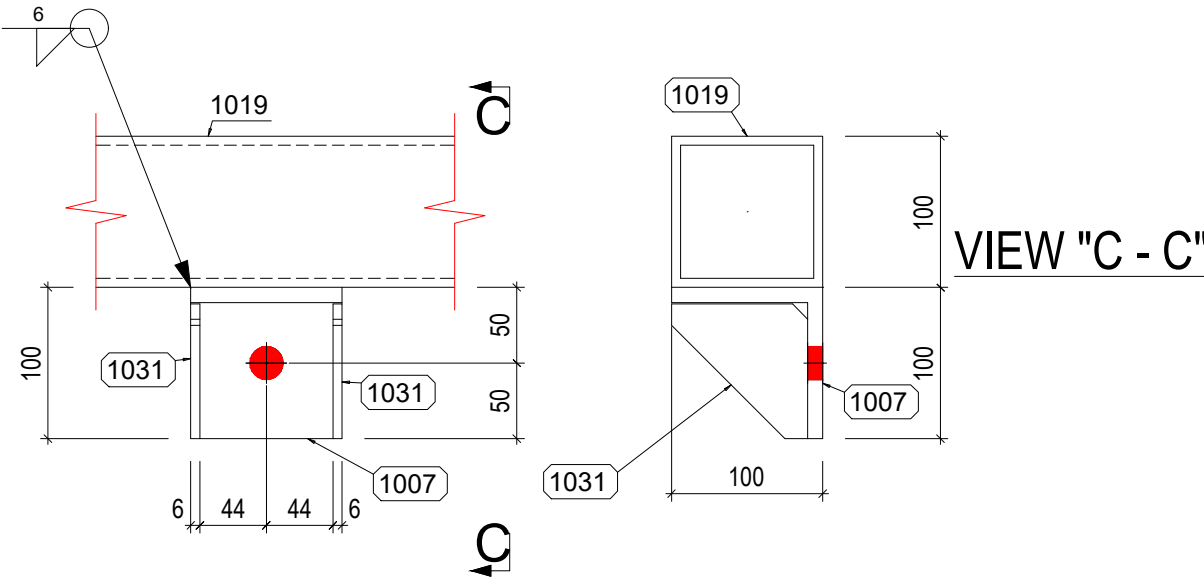
FRONT VIEW  
SCALE 1:25  
BOX STRUCTURE



TYPICAL WELD DETAILS				
WELD #	WPS	TYPE	OPERATOR	DATE
1	OF-WPS-GMAW-350-FW-2F-01-Rev1	FILLET WELD		
2	OF-WPS-GMAW-350-SBBW-2G-02	BEVEL BUTT WELD		
3	OF-WPS-MCAW-350-1G-SFS-04	FLARE BEVEL BUTT WELD		
4	NA	GENERAL PURPOSE SEALING WELD		



VIEW "B - B"



VIEW "C - C"

NOTES:

FM14 GRATING TO MANUFACTURERS SPECIFICATION AND  
WELDED AT JOINTS


Index	Author	Date	Description
0	MM	20/05/2024	ISSUE FOR CONSTRUCTION
B	MM	15/05/2024	CAP PLATE CONNECTION DETAIL
A	MM	6/05/2024	ISSUE FOR APPROVAL

NOTES:

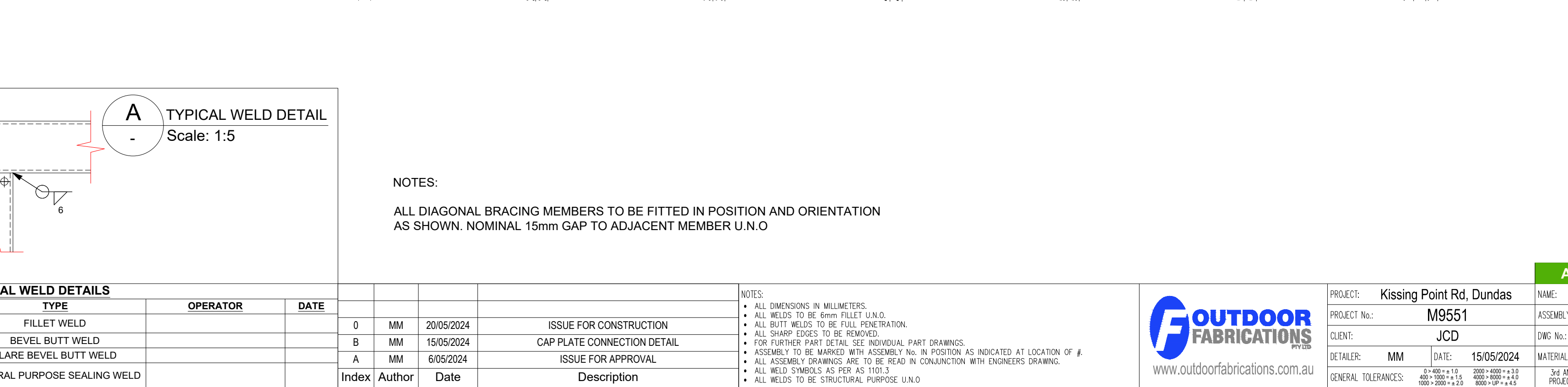
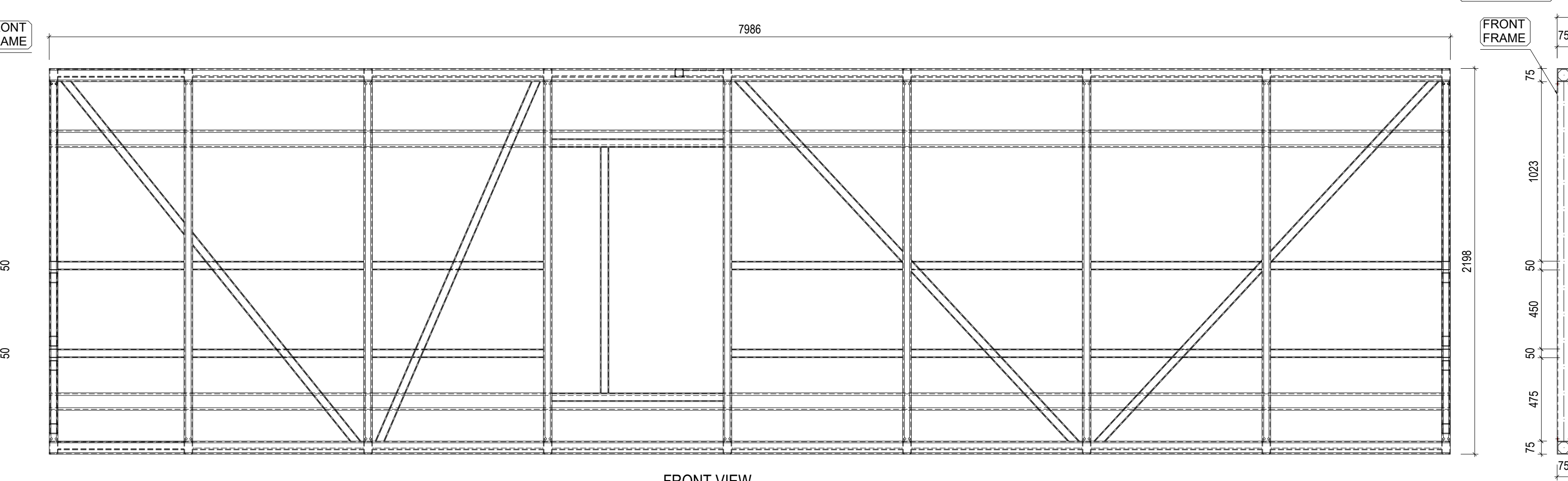
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


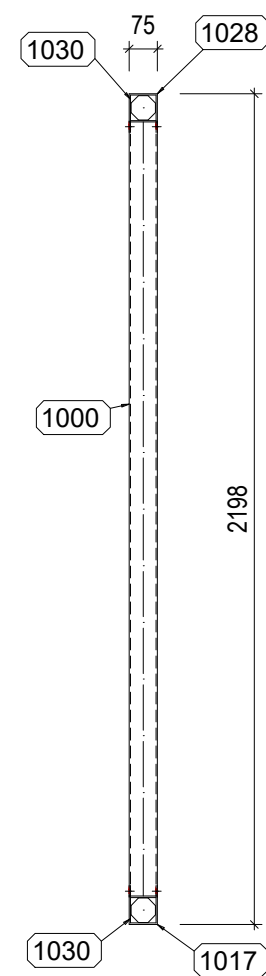
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PROJECT: Kissing Point Rd, Dundas			NAME: Box Structure - Extras		
PROJECT No.: M9551			ASSEMBLY No.: BS-1-BE		
CLIENT: JCD			DWG No.: M9551 - 320 - BS-1-BE		
DATE: 6/05/2024		MATERIAL: SCALE@A2: AS SHOWN			
GENERAL TOLERANCES: 0 +400 = +1.0 400 +1000 = +1.5 1000 +2000 = +2.0			2000 +4000 = +3.0 4000 +8000 = +4.0 8000 +16000 = +5.0		3d ANGLE PROJECTION 
					REVISION: 0





PROJECT: Kissing Point Rd, Dundas		NAME: Box Structure - Frame Connectors	
PROJECT No.: M9551		ASSEMBLY No.: BS-1-FC	
CLIENT: JCD		DWG No.: M9551 - 320 - BS-1-FC	
DETAILER: MM	DATE: 15/05/2024	MATERIAL: 350	SCALE@A2: 1:20
GENERAL TOLERANCES: 0+400 = +1.0 400 - 1000 = +1.5 1000 - 2000 = +2.0 2000 + 4000 = +3.0 4000 - 8000 = +4.0 8000 - 12000 = +5.0		3rd ANGLE PROJECTION 	REVISION: 0



**A** TYPICAL WELD DETAIL  
Scale: 1:5

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