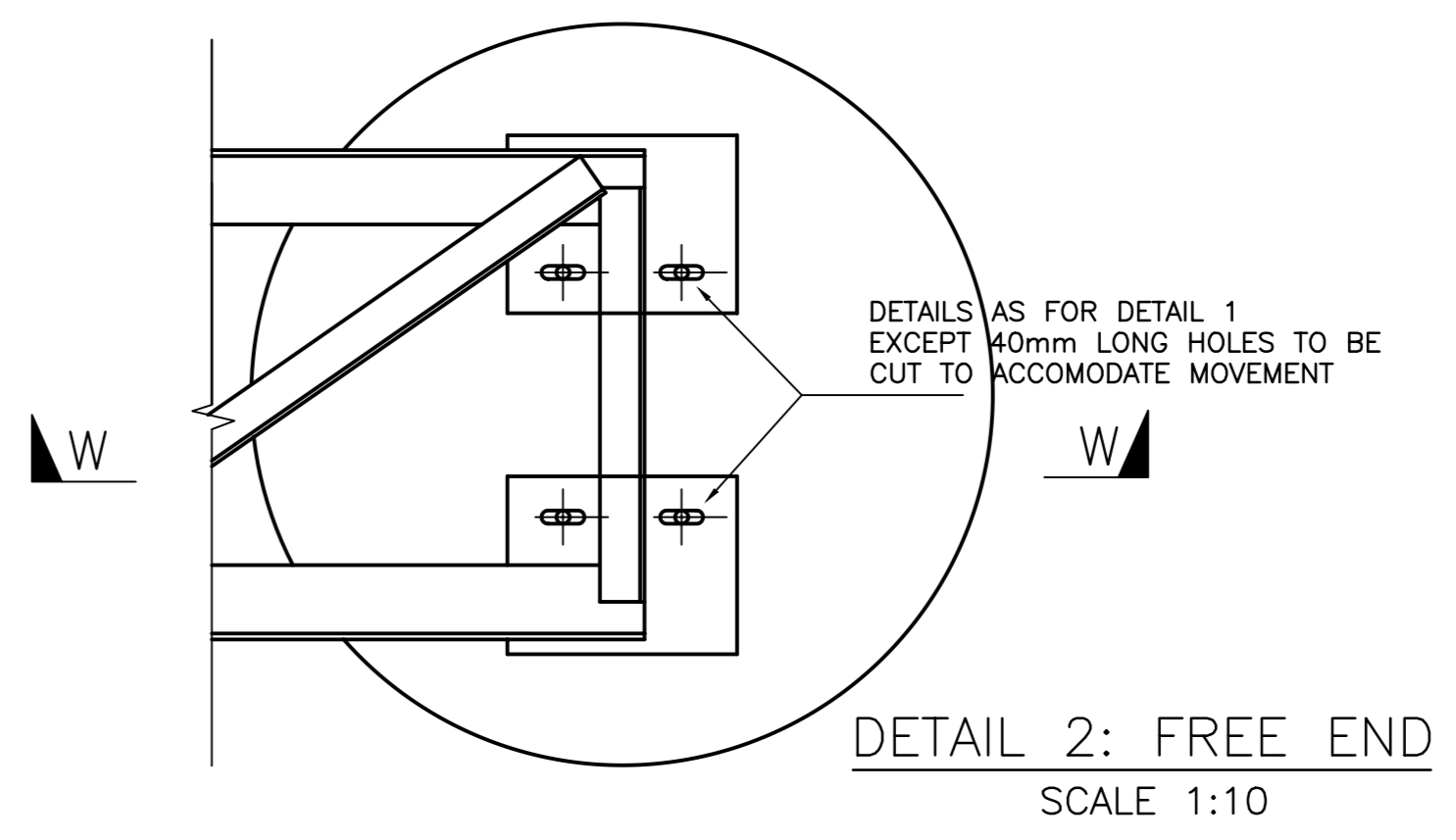
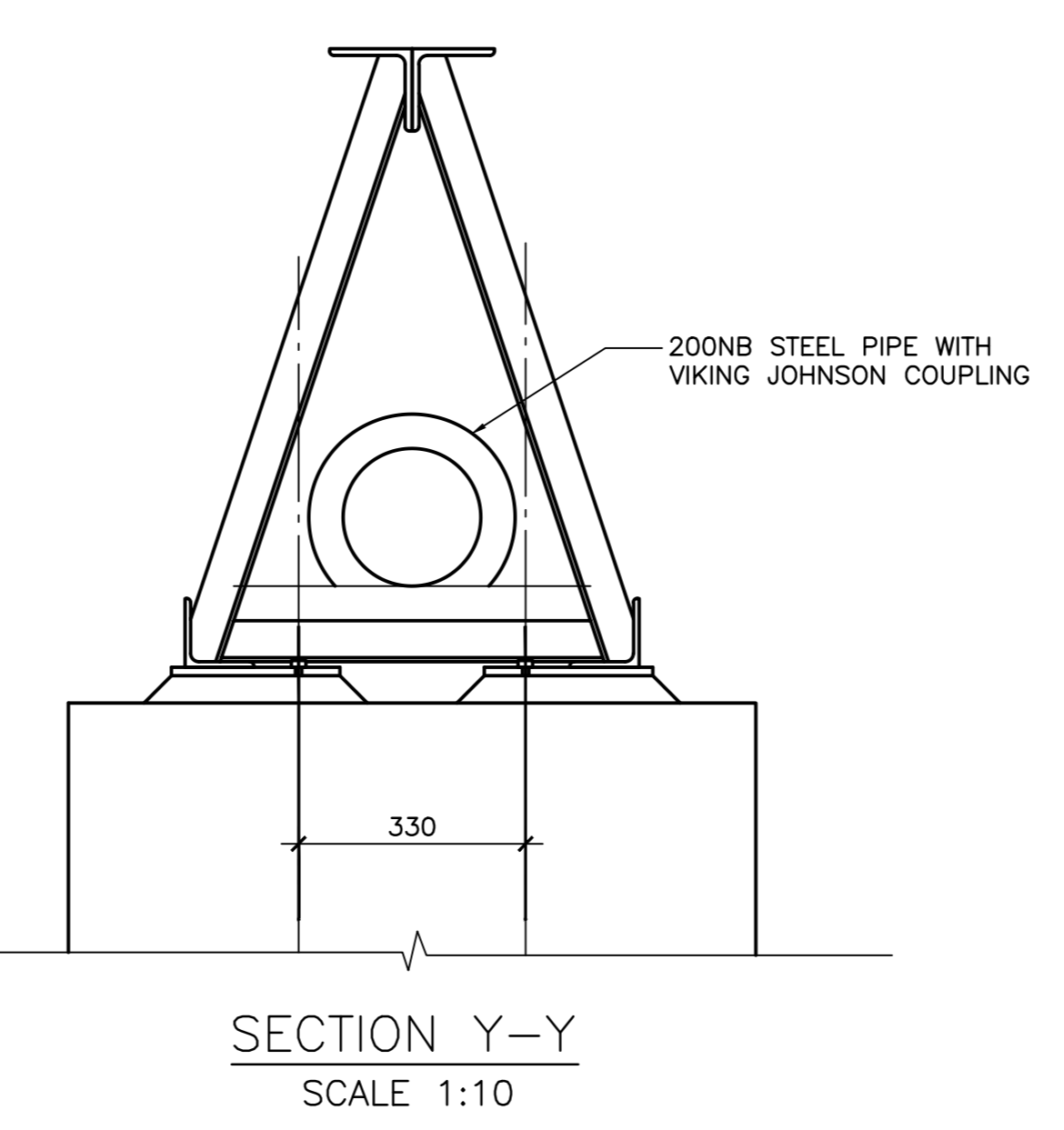
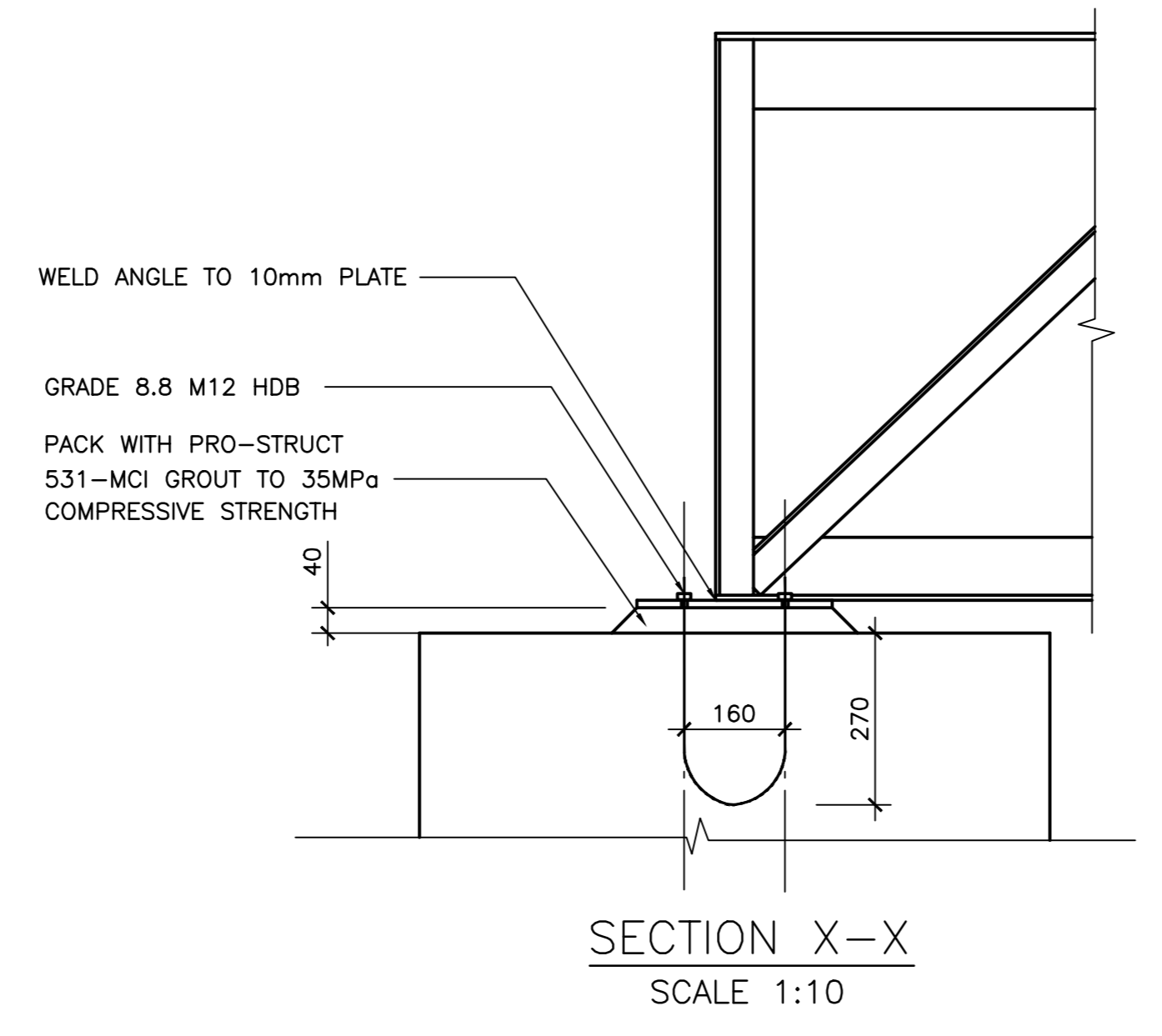
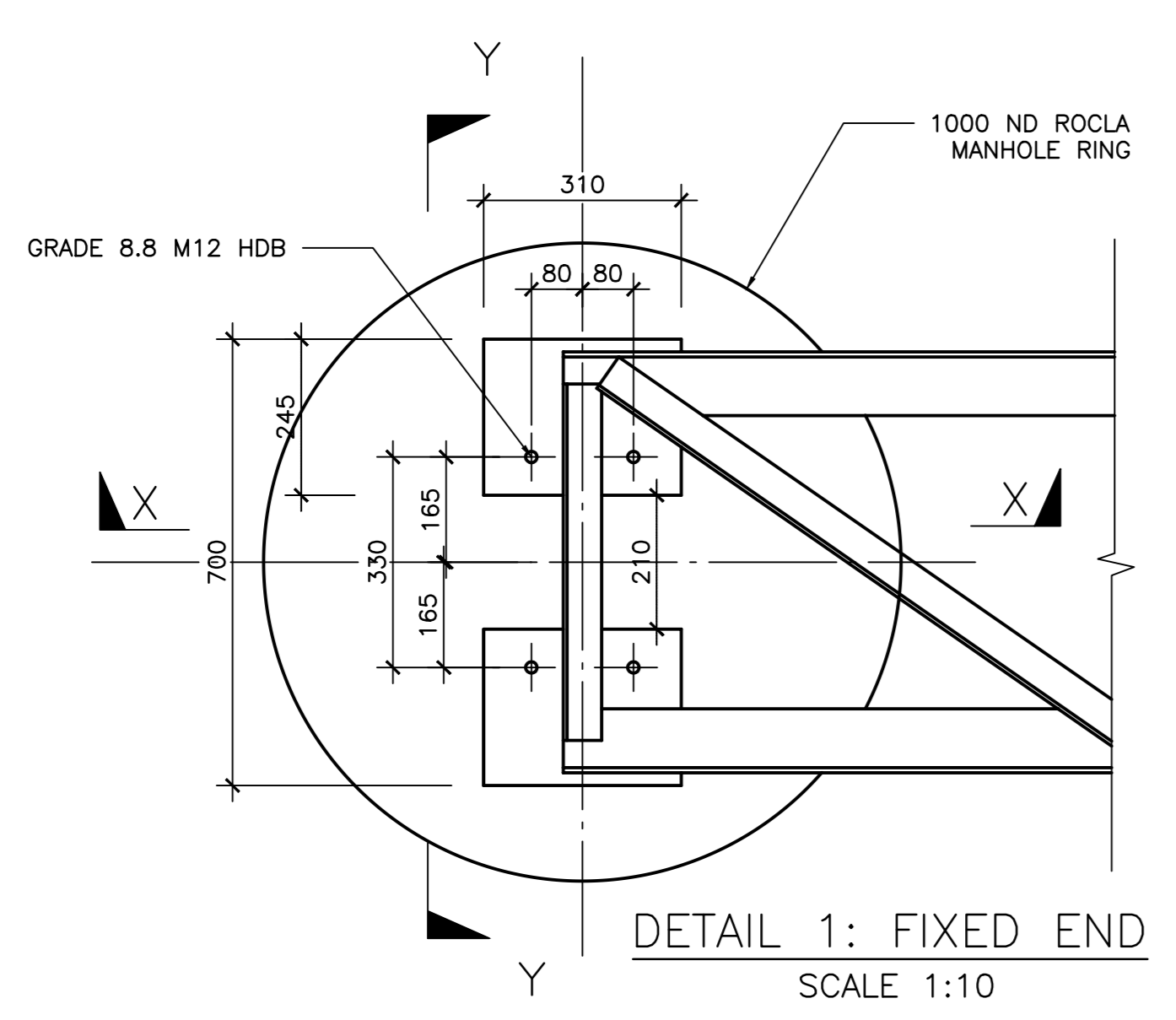
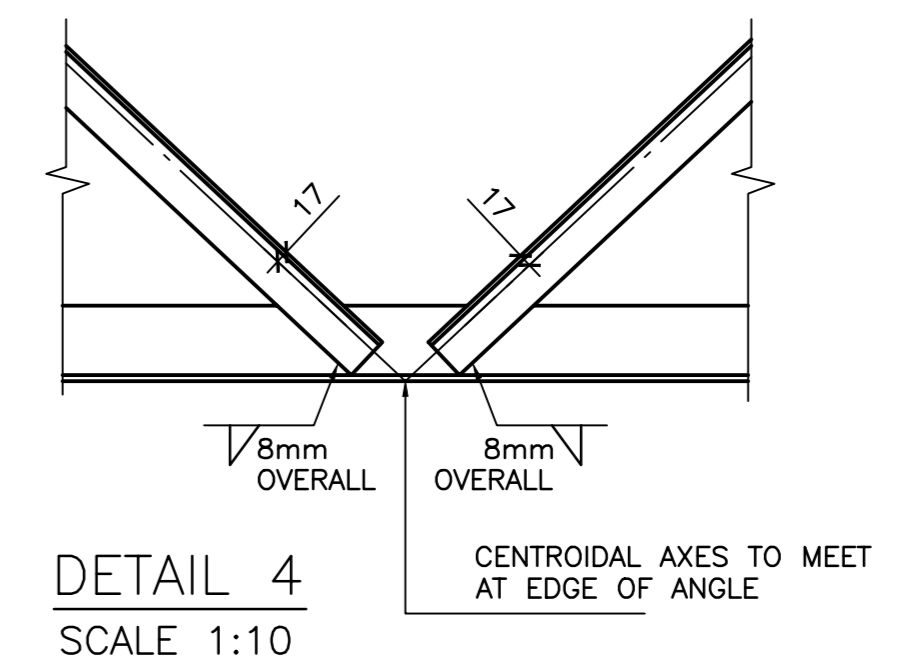
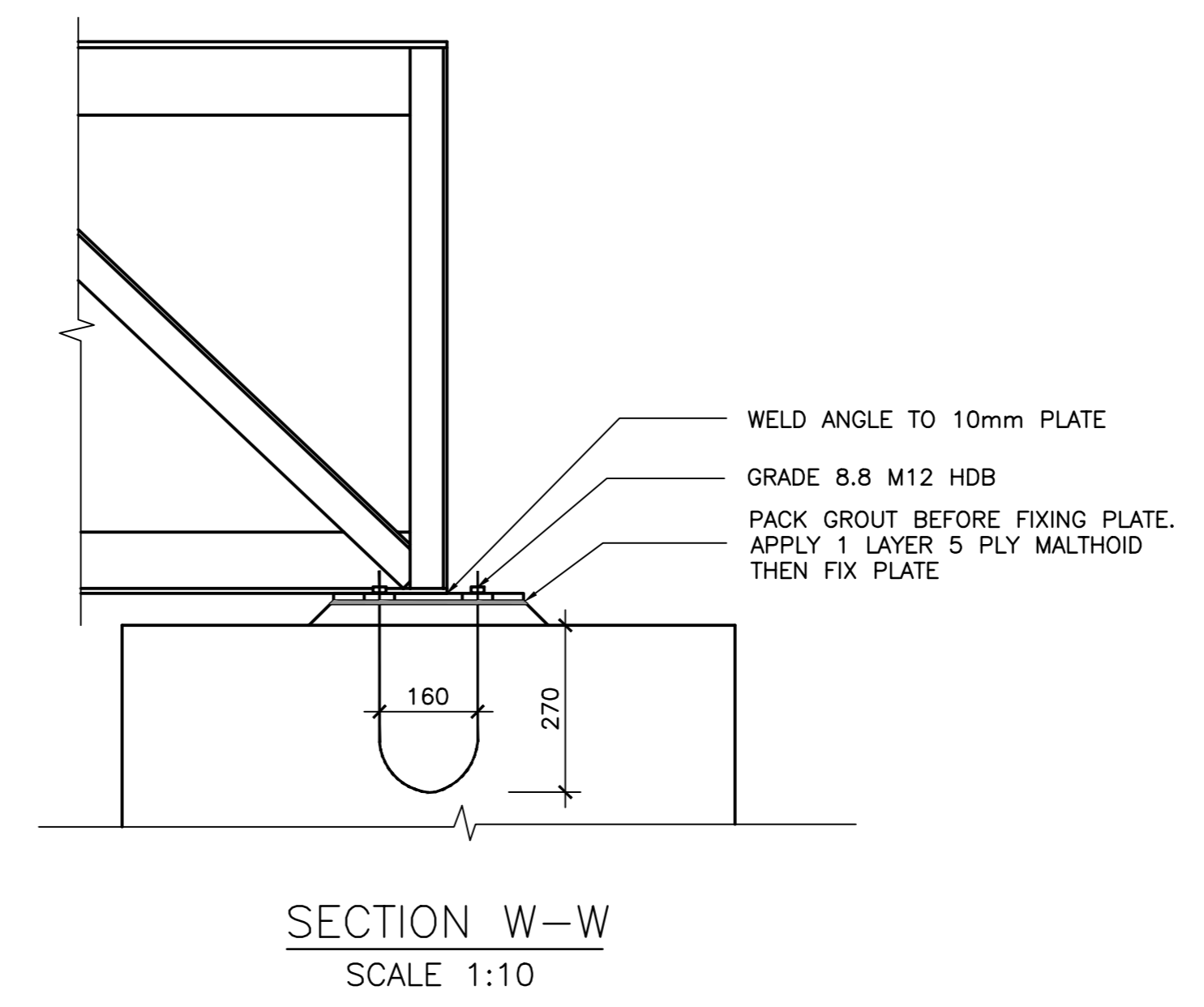
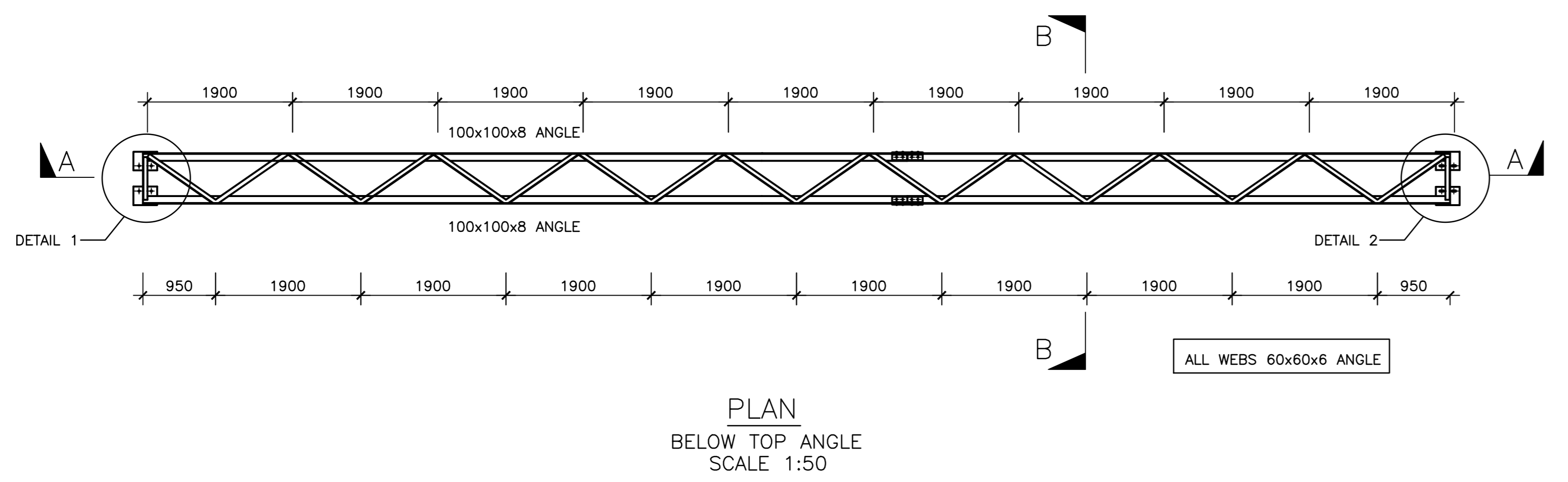
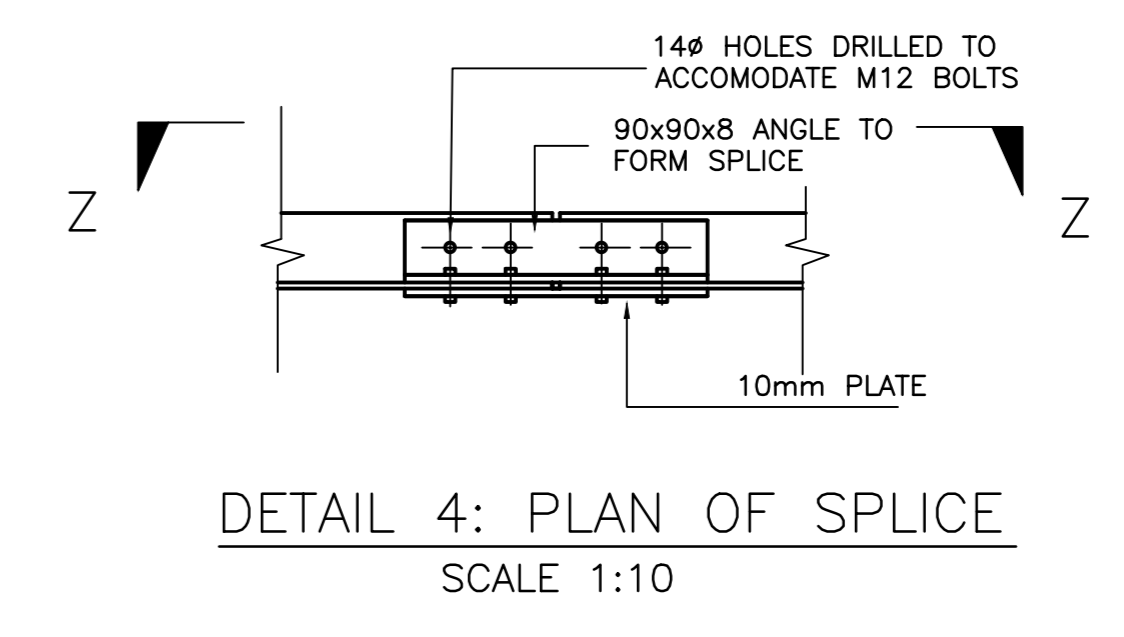
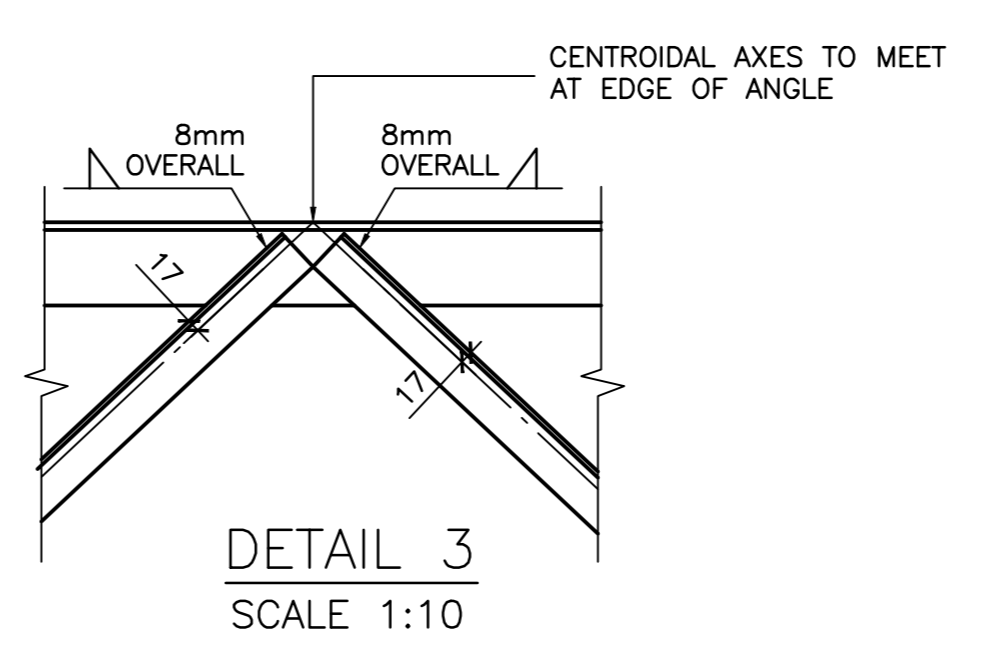
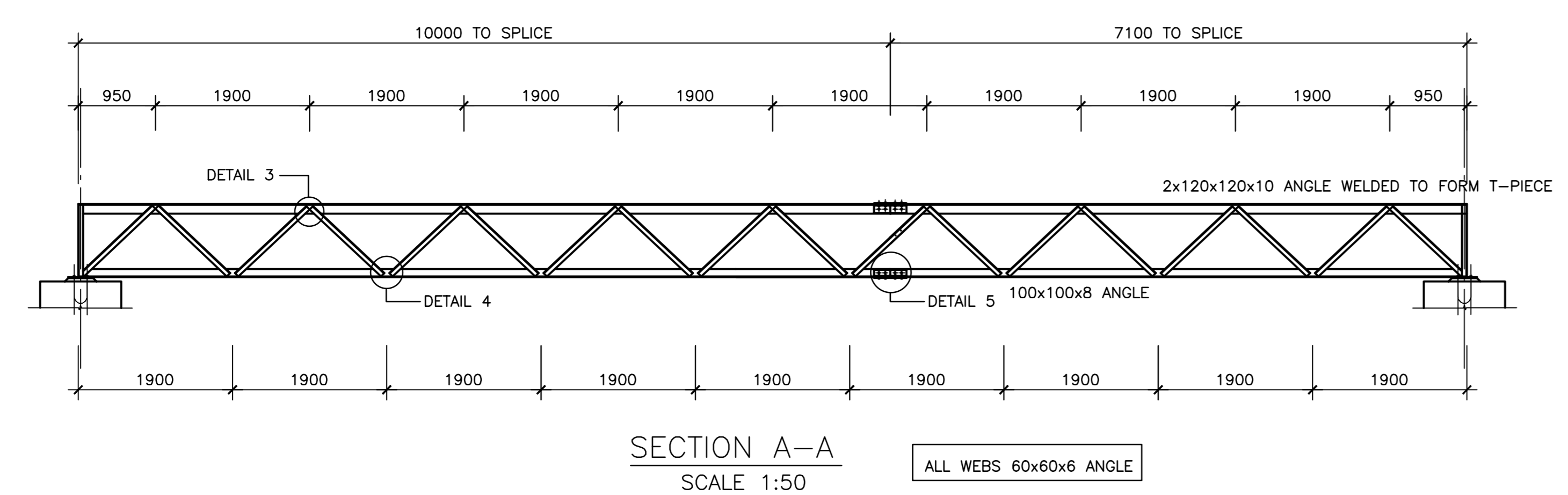
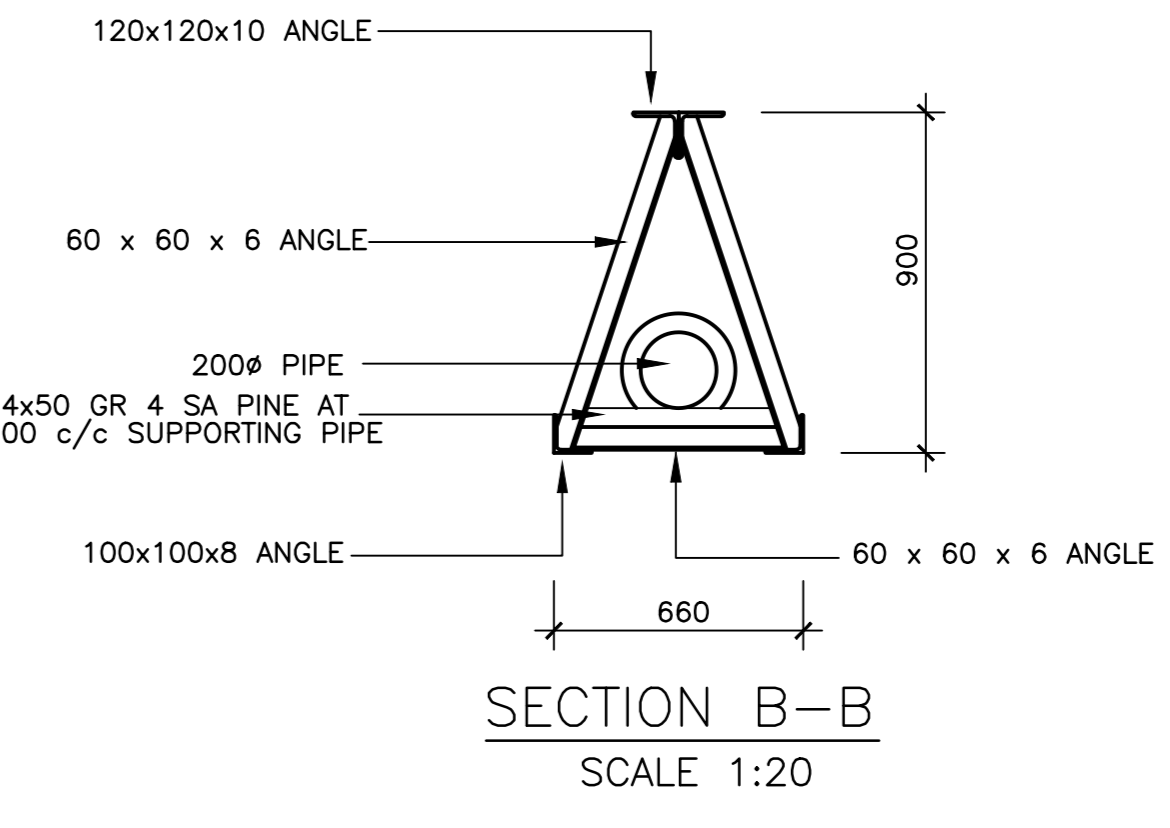
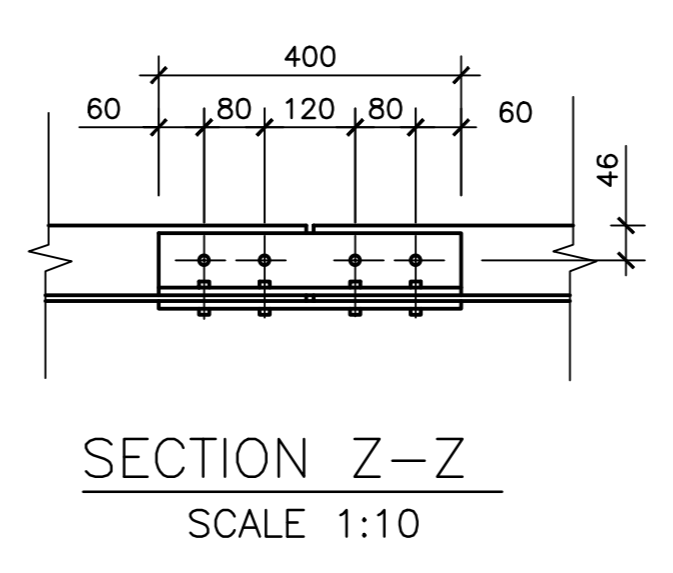


1 BRIDGE @17100 LONG FOR DIAGONAL CROSSING OVER 10000 WIDE TRENCH (BRIDGE 1)
1 BRIDGE @13300 LONG FOR 12000 WIDE TRENCH (BRIDGE 2)
1 BRIDGE @11400 LONG FOR 10000 WIDE TRENCH (BRIDGE 3)
REMOVE 2 BAYS FOR 13300 SPAN
REMOVE 3 BAYS FOR 11400 SPAN



NOTES:
FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH SABS 1200H (1990) STRUCTURAL STEELWORK. SHOULD ANY REQUIREMENT SPECIFIED ON THE DRAWINGS CONFLICT WITH ANY REQUIREMENTS OF THE STANDARD SPECIFICATION THE REQUIREMENTS SPECIFIED ON THE DRAWING SHALL PREVAIL.

STEEL
ALL STRUCTURAL STEEL SHALL BE GRADE S355JR.

DRAWINGS SHOP FABRICATION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE STARTING FABRICATION.

SITE DIMENSIONS CONTRACTOR SHALL CHECK ALL RELEVANT DIMENSIONS ON SITE BEFORE STARTING FABRICATION.

WELDING ALL WELDING SHALL BE IN ACCORDANCE WITH SABS O44. NO SITE WELDING TO BE ALLOWED.

WORKSHOP INSPECTION CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN FABRICATED STEELWORK IS READY FOR INSPECTION IN THE CONTRACTORS WORKSHOP PRIOR TO CORROSION PROTECTION.

CORROSION PROTECTION STRUCTURE TO BE GALVANIZED ACCORDING TO RELEVANT SPECIFICATION, REFER TO ESKOM DOC, NO 0.00/2901

CONCRETE
GRADE 35/19 AND 15/19

BACKFILL SOILS AROUND STRUCTURES SHALL BE G7 QUALITY OR BETTER (MINIMUM CBR = 15%, COMPACTION 93% MOD AASHTO IN 200mm LAYERS)

FOUNDATION PREPARATION FOUNDATION SOILS TO BE PREPARED TO ACHIEVE THE MINIMUM SPECIFIED FOUNDATION BEARING PRESSURE OF 120kPa

D.O.	REV	DATE	INDEX REFERENCE	BY	CHKD	APP	DATE	BY	CHKD	APP	REFERENCE DRAWINGS
1	04/05/18	ISSUED FOR CONSTRUCTION		MW	EN	JW					
2	14/12/18	ISSUED FOR CONSTRUCTION		MW	EN	JW					
3	23/11/18	ISSUED FOR APPROVAL		MW	EN	JW					

NO.	REV	DATE	BY	CHKD	APP	DESCRIPTION
1	04/05/18	04/05/18	MW	EN	JW	ISSUED FOR CONSTRUCTION
2	14/12/18	14/12/18	MW	EN	JW	ISSUED FOR CONSTRUCTION
3	23/11/18	23/11/18	MW	EN	JW	ISSUED FOR APPROVAL

DESIGN	23/11/18	JW				
CHECKED						
APPROVED						
DATE	23/11/18	EN				
DRAWN BY	23/11/18	MW				
SCALE						

KUSIL POWER STATION		REV
2018 RADIAL STACKER UPGRADE		1
WEST SETTLING TANK PIPELINE		
PIPE BRIDGE DETAILS		
DRG. No. K30300098/06-583		SHEET
		1
		REV
		AO
		1