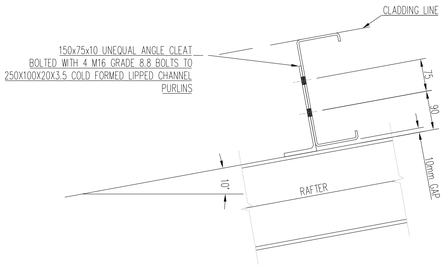
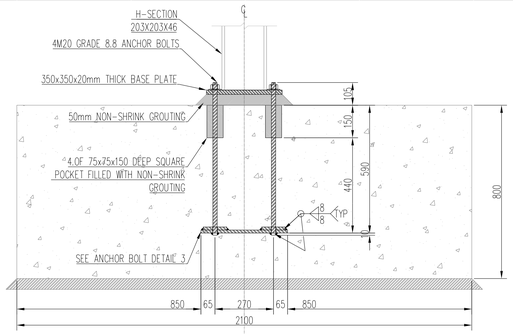
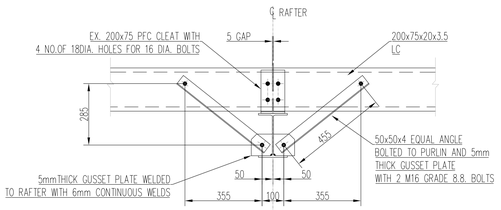


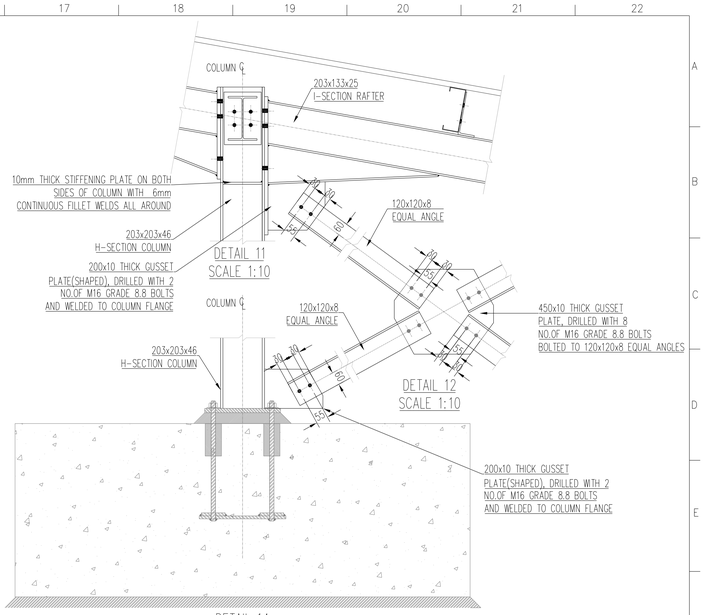
DETAIL 1
PURLINS
SCALE 1:5

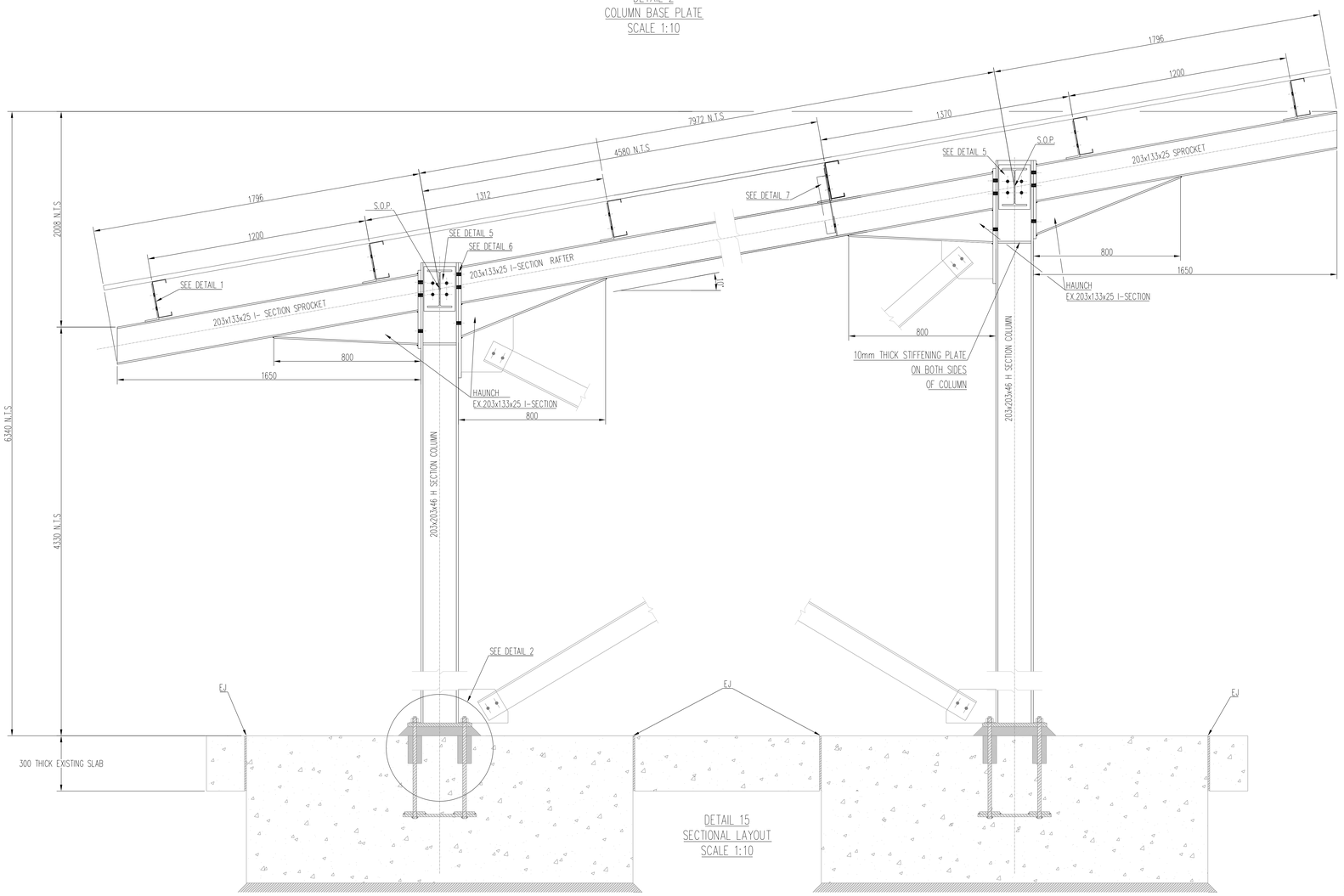


DETAIL 2
COLUMN BASE PLATE
SCALE 1:10

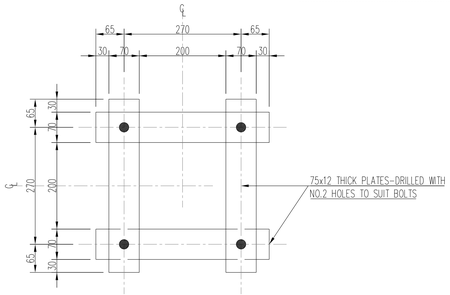


DETAIL 7
KNEE BRACING
SCALE 1:10

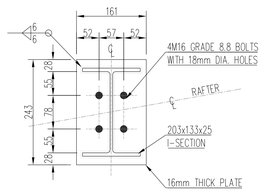




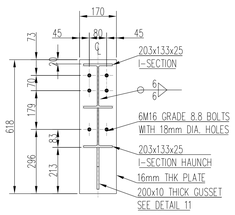
DETAIL 15
SECTIONAL LAYOUT
SCALE 1:10



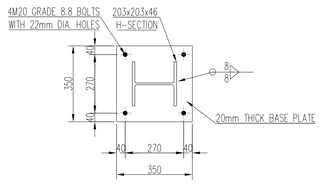
DETAIL 3
PLAN VIEW OF ANCHOR BOLT DETAIL MK"HB1"
SCALE 1:5



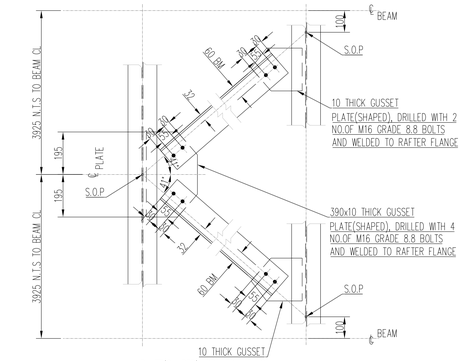
DETAIL 5
BEAM-COLUMN CONNECTION
SCALE 1:5



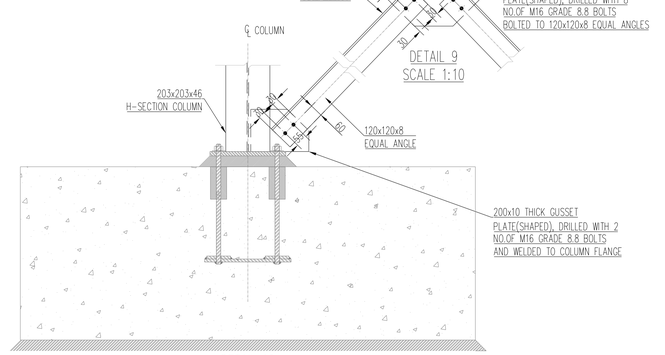
DETAIL 6
RAFTER-COLUMN
SCALE 1:10



DETAIL 4
COLUMN BASE PLATE
SCALE 1:10



DETAIL 13
SCALE 1:10



NOTE:

1. ALL STRUCTURAL STEEL TO BE GRADE S355JR STEEL TO SANS 10025:2009.
2. ALL STEELWORK TO COMPLY WITH SANS 2001-CS1:2001.
3. ALL WELDING TO BE IN ACCORDANCE WITH AWS D1-1.
4. UNLESS OTHERWISE STATED, ALL WELDS TO BE 6mm CONTINUOUS E70XX ELECTRODE FILLET WELDS.
5. ALL BOLTS TO BE GRADE 8.8 U.O.N.
6. ALL BOLTS, NUTS, WASHERS, GUTTER STRAPS, DOWN PIPE HOLDER BATS ETC, REQUIRE FOR ERECTION TO BE SUPPLIED BY THE CONTRACTOR.
7. ALL NUTS TO SEAT SEAT ON WASHERS. ALL DIMENSIONS, LEVELS ETC. TO BE VERIFIED ON SITE BEFORE CONSTRUCTION COMMENCES.
8. THE APPOINTED CONTRACTOR IS TO ENSURE THAT ALL RELEVANT STRUCTURAL STEEL WORKSHOP FABRICATION DRAWINGS, REQUIRED FOR CONSTRUCTION, HAVE BEEN SUBMITTED TO THE EMPLOYER FOR APPROVAL.
9. MANUFACTURING AND CONSTRUCTION OF STRUCTURAL STEEL WORK CAN ONLY COMMENCE ONCE FINAL APPROVAL AND AUTHORIZATION IS GIVEN BY THE EMPLOYER.
10. ALL CAST -IN HOLDING DOWN BOLTS, GRATINGS AND CAST-IN ITEMS TO BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH SANS 121:2011
11. "N.T.S." IS NOT TO SCALE

FOR TENDER PURPOSES ONLY

D.O.	REV	DATE	REVISION	REV BY	CHKD BY	APP BY	AUTH BY	KKS APP	REFERENCE DRAWINGS

AUTHORISED FOR ESKOM BY: Z. NKOSI, Pr.Eng No. 20100467
CODIFICATION BY: N. LUTHULI
APPROVED BY: Q. CAI, Pr.Eng No. 960388
CHECKED BY: S. GOVENDER
CREATED BY: W.KLINCK 07/05/2020
SCALE: AS SHOWN
CLASSIFICATION: PBS PATH

Eskom
ESKOM HOLDINGS SOC Ltd
REG No 2002/015527/30

KRIEL POWER STATION
STRUCTURAL STEEL DRAWING
WASTE OIL STORAGE FACILITY
STRUCTURAL STEEL PORTAL FRAME
CONNECTION DETAILS

ESKOM DRAWING NO: 28,45/60 928 | SHT: 2 | REV: 0

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE
SIZE A0