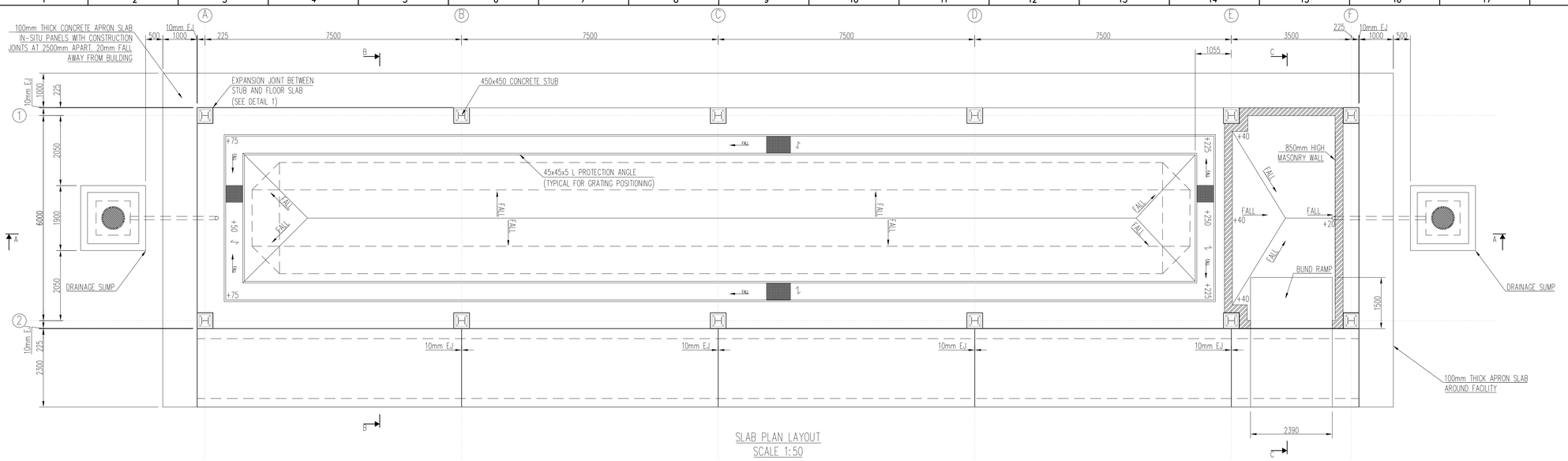
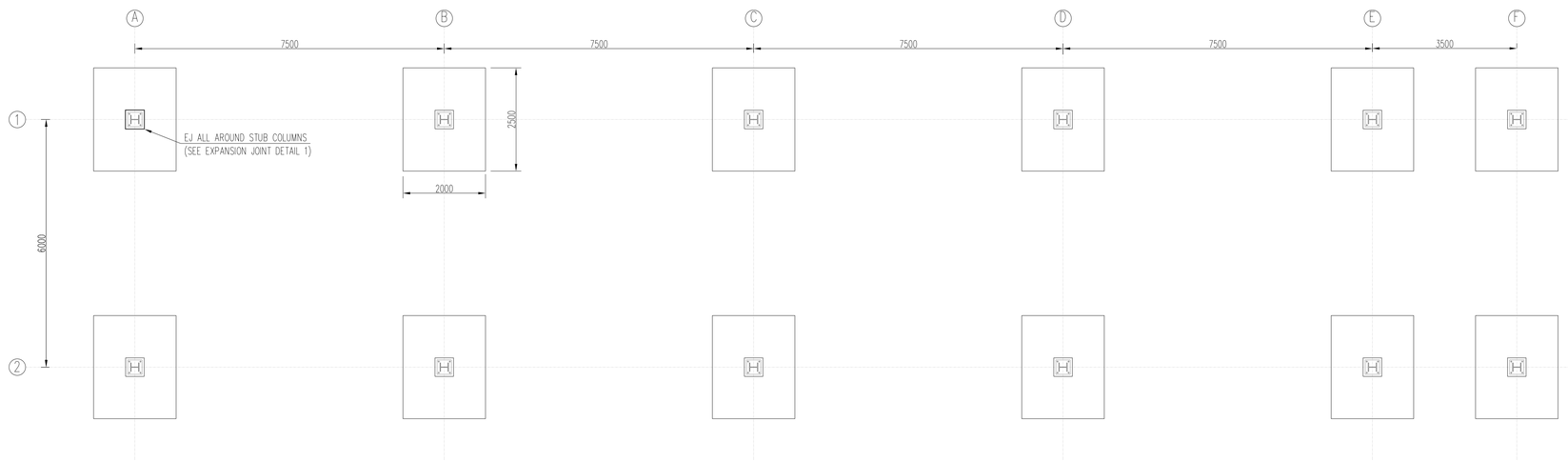
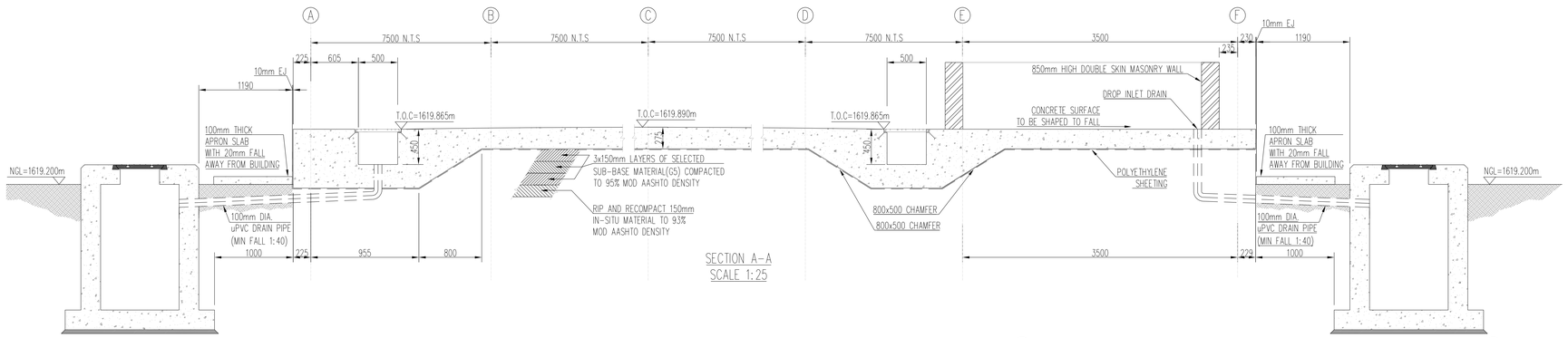


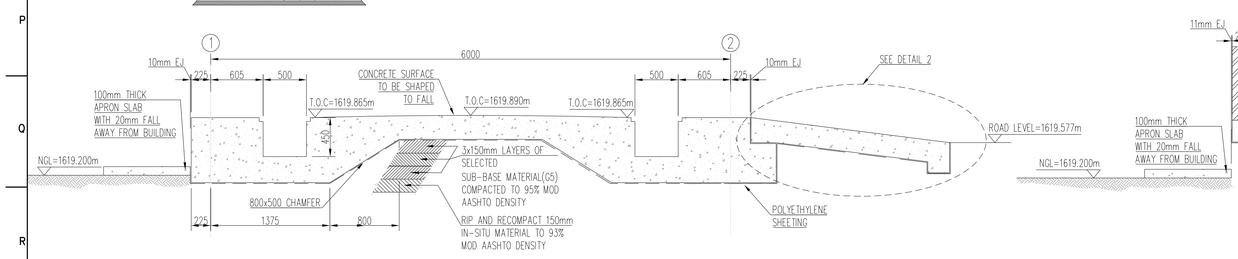
SLAB PLAN LAYOUT
SCALE 1:50



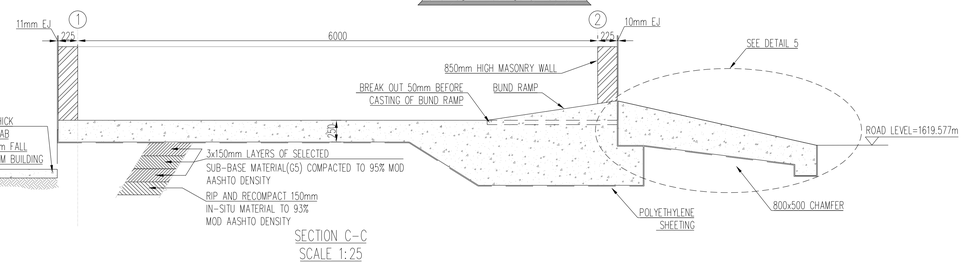
FOUNDATION PLAN LAYOUT
SCALE 1:50



SECTION A-A
SCALE 1:25



SECTION B-B
SCALE 1:25



SECTION C-C
SCALE 1:25

NOTE:

1. CONCRETE TO COMPLY WITH SANS 2001-CC1.
2. ALL BUILDING WORK TO COMPLY WITH "THE ACCURACY IN BUILDING" FROM SANS 2001-CC1, SANS-CC2 AND SANS 2001-CM1-GRADE OF ACCURACY 'H', UNLESS OTHERWISE SPECIFIED.
3. CONCRETE GRADE: -BLINDING =15/19
   -STRUCTURAL=35/19
4. GROUT TO BE 50MPa NON-SHRINK DURAGROUT OR SIMILAR APPROVED.
5. CONSTRUCTION METHOD STATEMENT TO BE SUBMITTED TO THE PROJECT MANAGER FOR ACCEPTANCE.
6. ALL EXPOSED CONCRETE EDGES TO HAVE A 25x25mm CHAMFER.
7. ALL VISIBLE CONCRETE FACES TO BE OFF SHUTTER FINISH WITH ALL IMPERFECTIONS REPAIRED.
8. T.O.C DENOTES : TOP OF FINISHED STRUCTURAL CONCRETE.
9. CONCRETE COVER TO MESH REINFORCEMENT=50mm
10. HDW DENOTES HARD DRAWN WIRE MESH REINFORCEMENT TO SANS 1024, REQUIRED FOR REINFORCEMENT AT CONCRETE RAMPS.
11. DOWEL BARS SHALL BE IN ACCORDANCE WITH SANS 920:2011 UNLESS OTHERWISE STATED.
12. DOWEL BARS SHALL BE FABRICATED IN ACCORDANCE WITH SANS282:2011 UNLESS NOTED OTHERWISE.
13. DOWEL BARS SHALL BE HOT ROLLED HIGH TENSILE STEEL BARS, MINIMUM YIELD STRESS OF 450MPa.
14. MINIMUM LAPPING OF WELDED MESH REINFORCEMENT=50xBAR DIAMETER.
15. FIGURES SHOWN THUS +75 INDICATED THICKNESS OF SCREED ABOVE TRENCH FLOOR.
16. ##### DENOTES GRATING
17. ⟷ DENOTES DIRECTION OF BEARER BARS FOR GRATING.
18. GRATING AT TRENCHES TO BE OPEN GRID TYPE A60 GALVANIZED MILD STEEL GRIPWELD COVERS WITH 40x40x OPENINGS AND 40x4.5 BEARER BARS.
19. ALL DIMENSIONS, LEVELS ETC. TO BE VERIFIED ON SITE, BEFORE CONSTRUCTION COMMENCES.
20. MORTAR JOINTS TO BRICKWORK SHALL NOT BE LESS THAN 5mm AND NOT BE MORE THAN 10mm IN THICKNESS.
21. ONE COAT OF 15mm THICK PLASTER TO BE APPLIED ON BOTH SIDES OF MASONRY WALL
22. MASONRY WALL TO BE CLASS II AS PER SANS 10164.
23. MASONRY UNITS TO COMPLY WITH SANS 227
24. BRICKFORCE TO COMPLY WITH SANS 2001-CM1
25. BRICKFORCE TO BE GALVANIZED LABDER TYPE MINIMUM DIA. 2.8mm; WITH A YIELD STRENGTH OF 485MPa
26. BRICKFORCE LAP LENGTH TO BE 400mm
27. MASONRY WALL TO BE REINFORCED WITH "BRICKFORCE" REINFORCEMENT FOR EVERY LAYER.

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
COMPOSITION BY: N. LUTHULI
APPROVED BY: Q. CAI Pr.Eng No. 960388
CHECKED BY: S. GOVENDER
CREATED BY: W.KLINCK 01/02/2021
SCALE: AS SHOWN

CLASSIFICATION: PBS PATH

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

KRIEL POWER STATION

CONCRETE DRAWING

OIL CONTAINMENT WASTE STORAGE FACILITY

SLAB, SUMP, AND FOUNDATION CONCRETE LAYOUTS, PLANS AND SECTIONS

ESKOM DRAWING NO: 28,45/60934 | SHT 1 | REV 0

FOR TENDER PURPOSES ONLY

SIZE A0L

DRAWING CLASSIFICATION: CONTROLLED DISCLOSURE