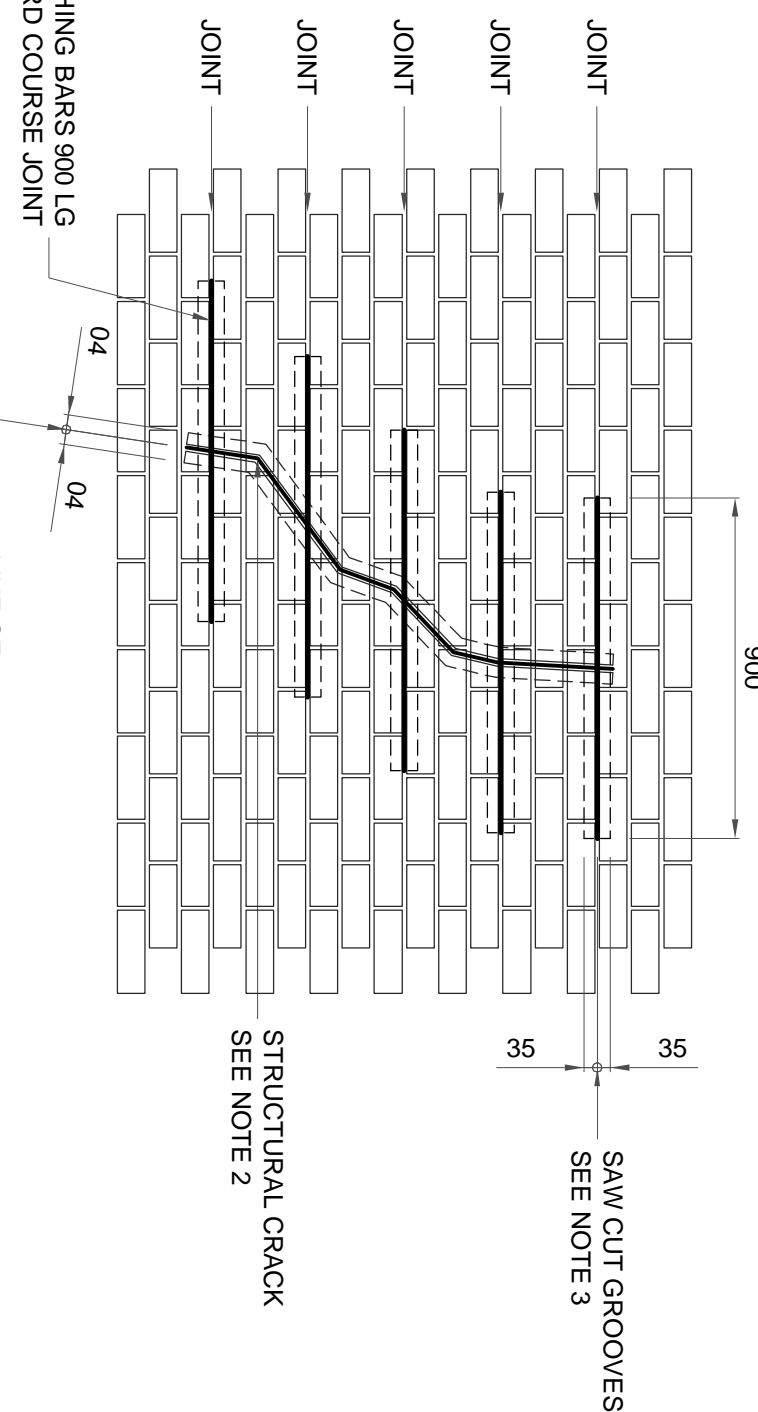


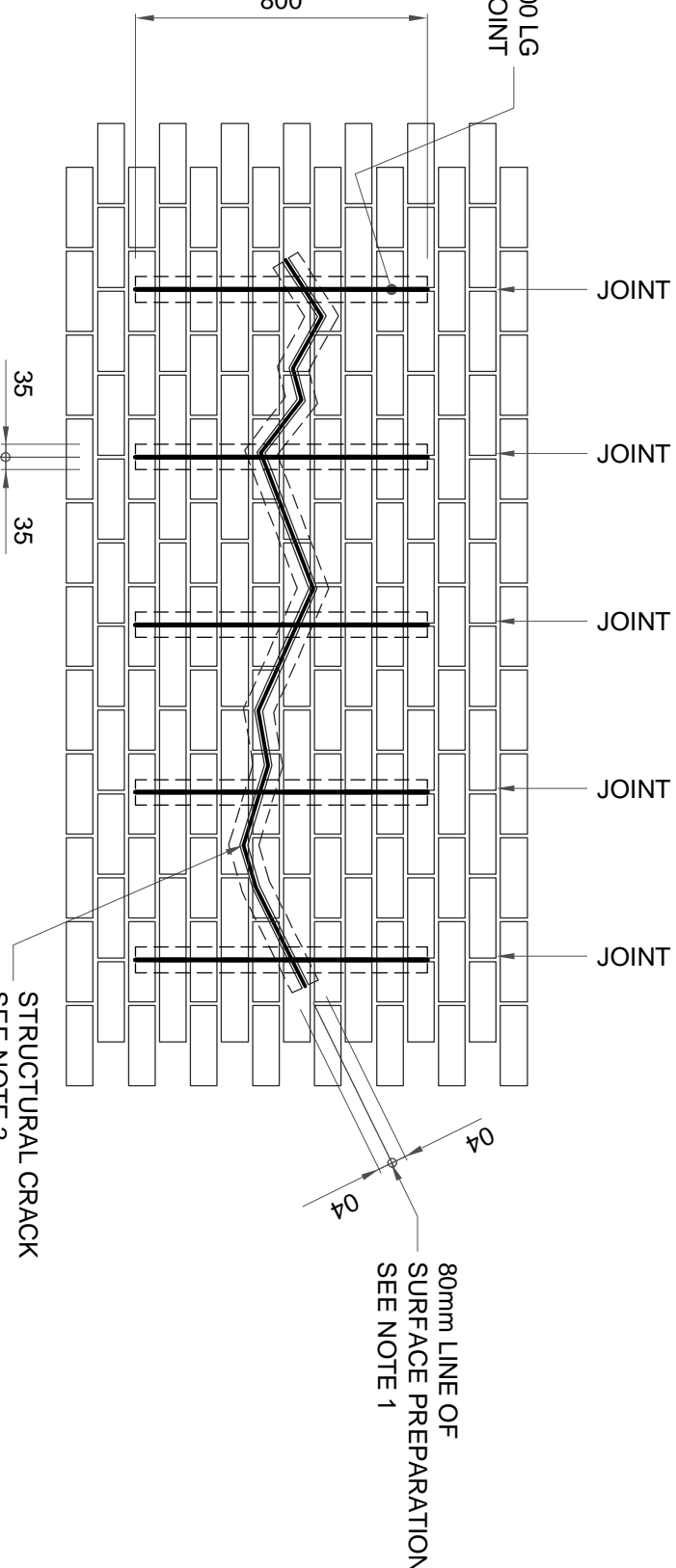
LENGTH OF CRACK	NO. OF STITCHES
<250	1
250 - 500	2
500 - 750	3
750 - 1000	4
1000 - 1250	5
1250 - 1500	6



- NOTES:**
- ALL SURFACES WITHIN 50mm OF CRACK LINE SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATERIAL LIKELY TO WEAKEN THE BOND OF THE STITCHING MATERIAL.
 - CREATE A 'V' JOINT IN THE BRICKWORK APPROXIMATELY 50mm FROM THE CRACK.
 - SAW CUT GROOVES PERPENDICULAR TO THE CRACK LINE AND FILL WITH EPOXY RESIN. PROVIDE A DAMP PROOF MEMBRANE OVER THE CRACK LENGTH. FILL THE 'V' GROOVES AND PLASTER WITH SPECIFIED MATERIAL USING MESH REF 100.
 - ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE WORKING. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
 - PROFESSIONAL A/C/PA/CP IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL PLASTER CRACKS AND CRACKING OF PLASTER TO BE REPAIRED AS INSTRUCTED BY ENGINEER ON SITE.
 - REPAIRS SHOULD BE USED ON SMALLER APPLICATIONS.
 - PRIMING CONCRETE SURFACES WITH MONO TOP 6194B CONCRETE REPAIRS ARTISOL IS.
 - THIS DRAWING AND ALL NOTES MUST BE READ IN CONJUNCTION WITH THE STRUCTURAL ASSESSMENT REPORT.

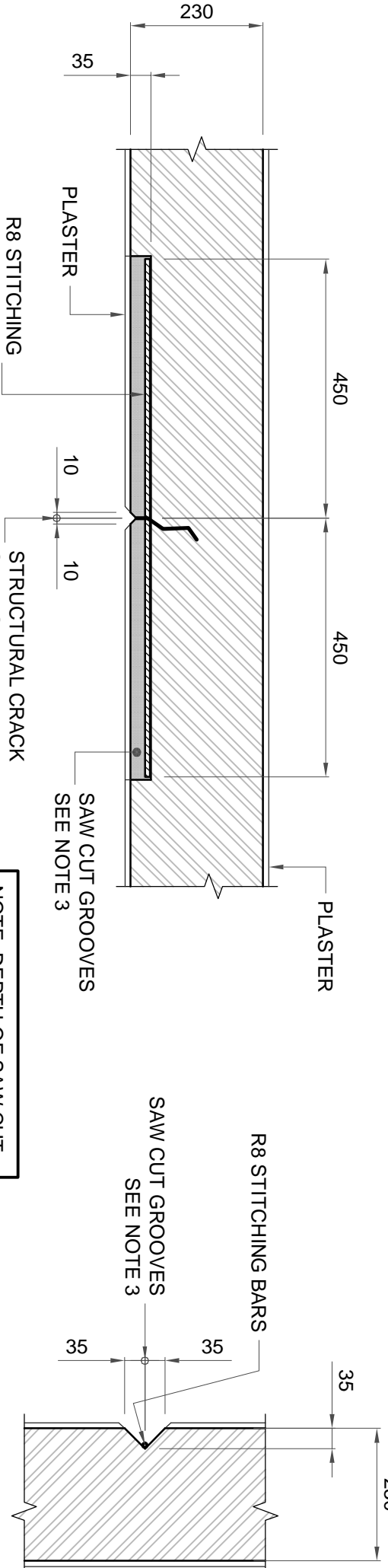
TYPICAL CRACK STITCHING DETAIL 1'

SCALE 1:20



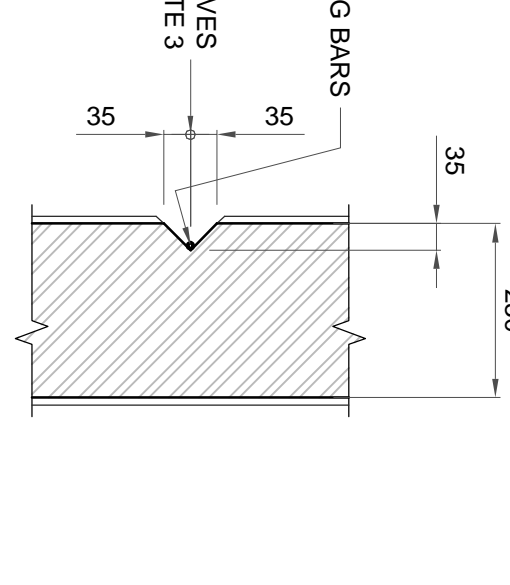
TYPICAL CRACK STITCHING DETAIL 2'

SCALE 1:20



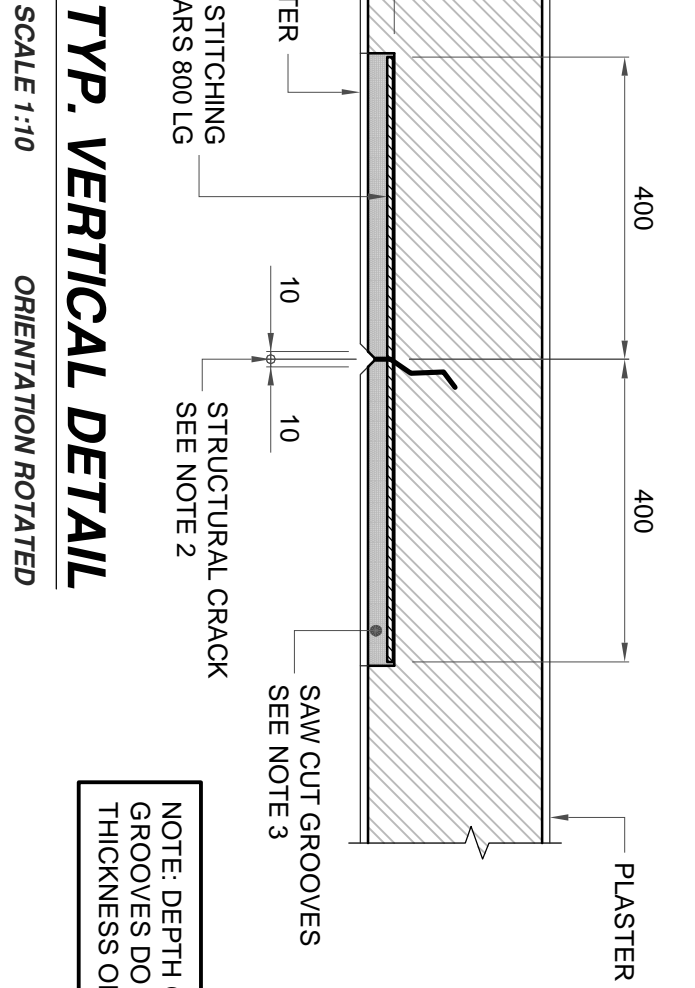
TYP. HORIZONTAL DETAIL

SCALE 1:10



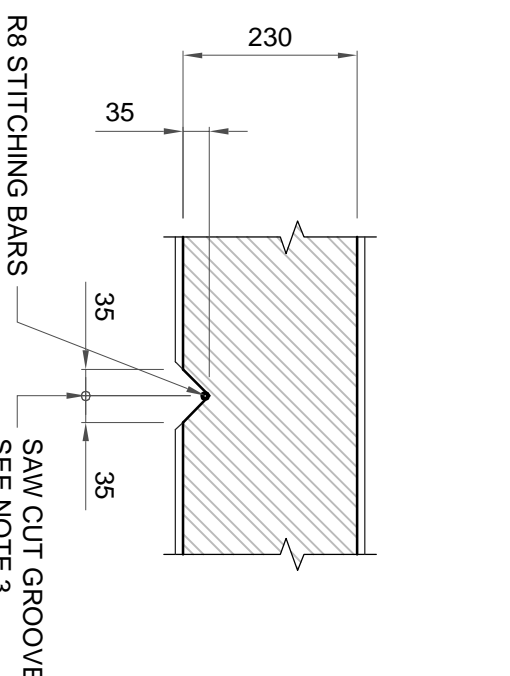
TYP. VERTICAL DETAIL

SCALE 1:10



TYP. VERTICAL DETAIL

SCALE 1:10



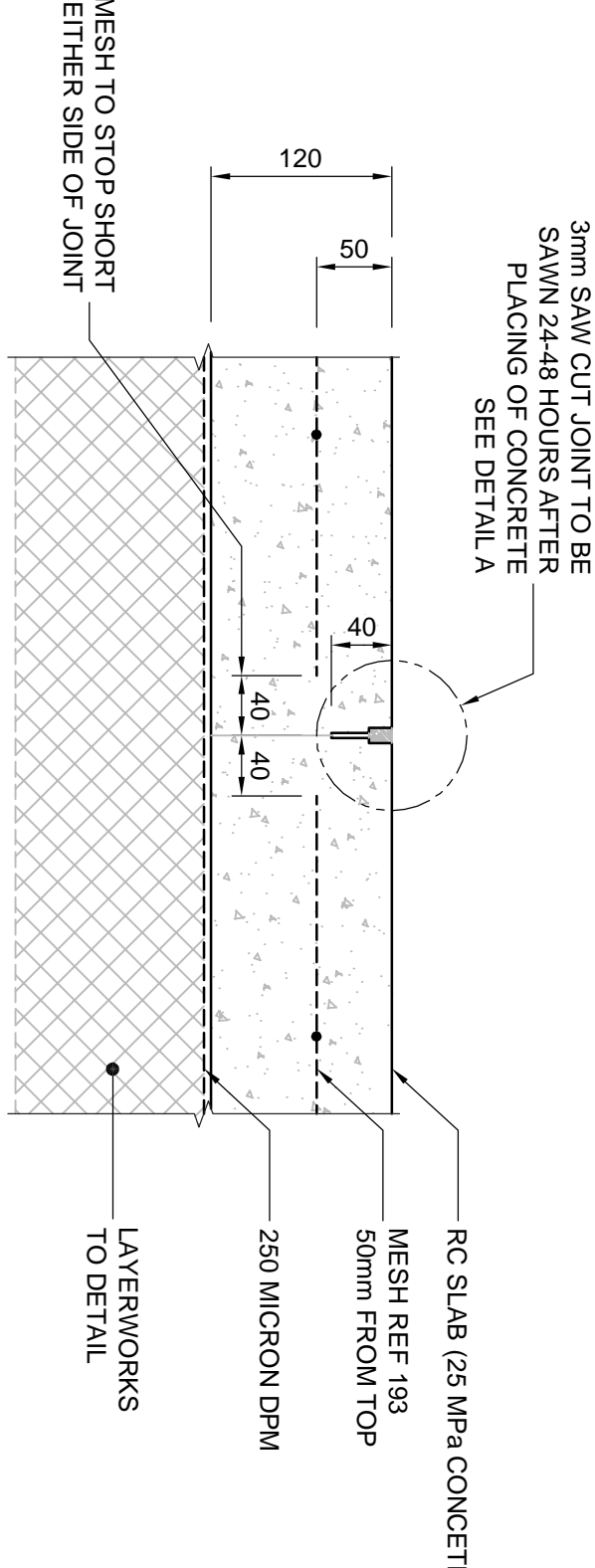
TYP. HORIZONTAL DETAIL

SCALE 1:10

- NOTES:**
- 100mm THICK SURFACE BED
 - 250 MICRON DAMP PROOF
 - MEMBRANE BELOW SURFACE BED
 - THICKENED SURFACE BEDS ON ALL INTERNAL WALLS WITHOUT
 - THICKENED SURFACE BED EDGE
 - FOR RAMPS
 - THICKENED SURFACE BED
 - COMPACTED TO 95% MOD. ASHTO
 - RIP AND RE-COMPACT 150mm MIN. TO 150mm MAX. TO 150mm

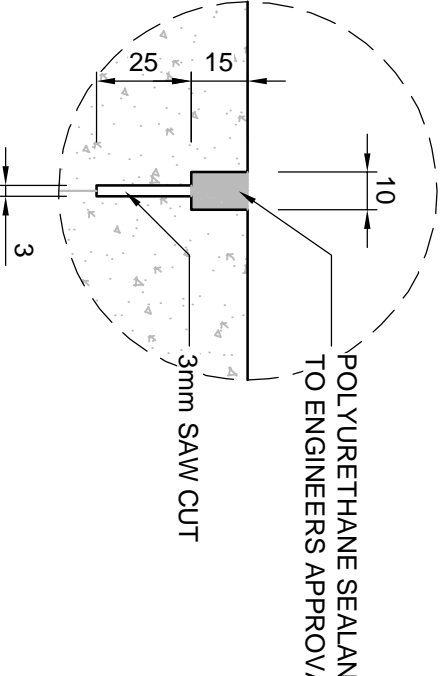
SURFACE BED EDGE THICKENING RAMP

SCALE 1:20



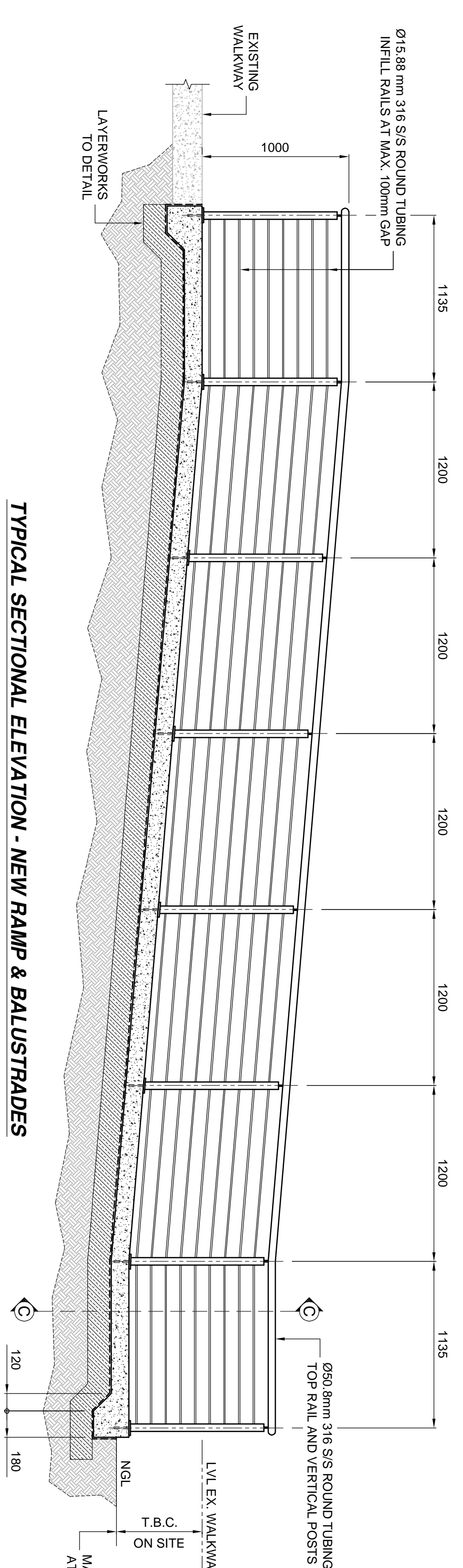
SAW CUT JOINT DETAIL (SCJ)

SCALE 1:15



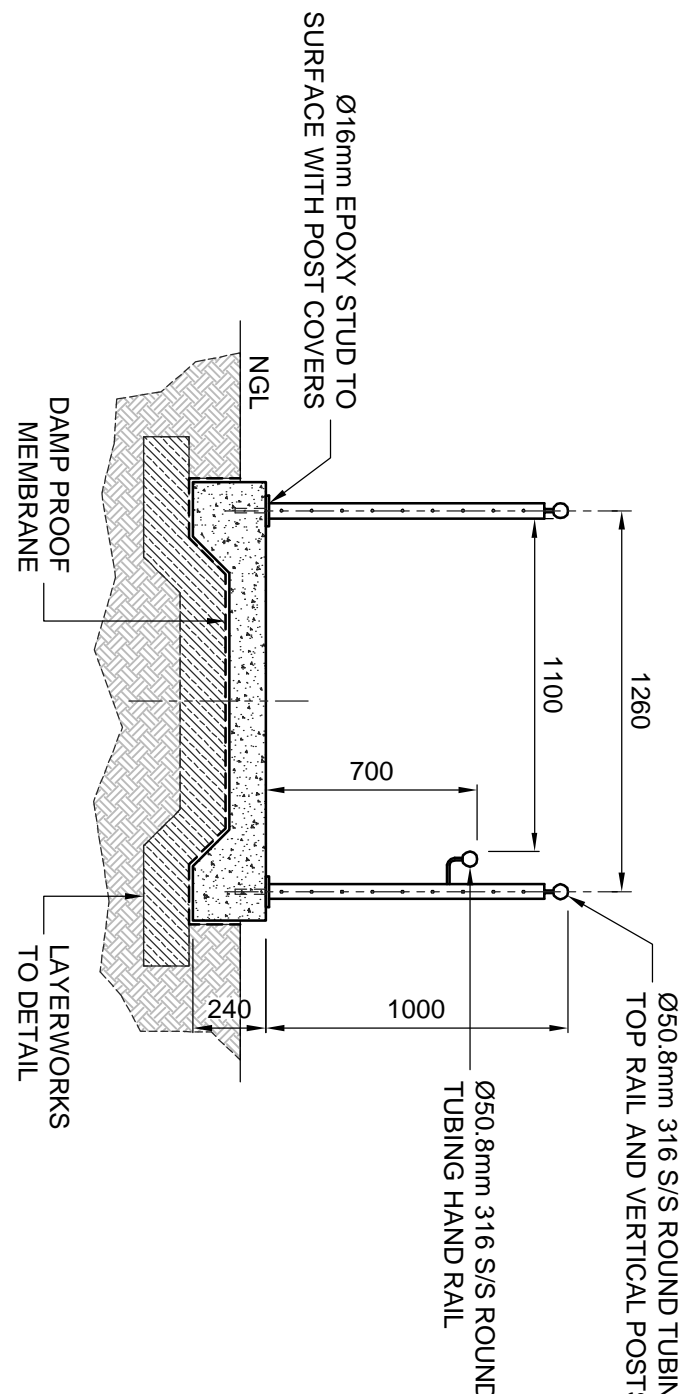
DETAIL A

SCALE 1:2



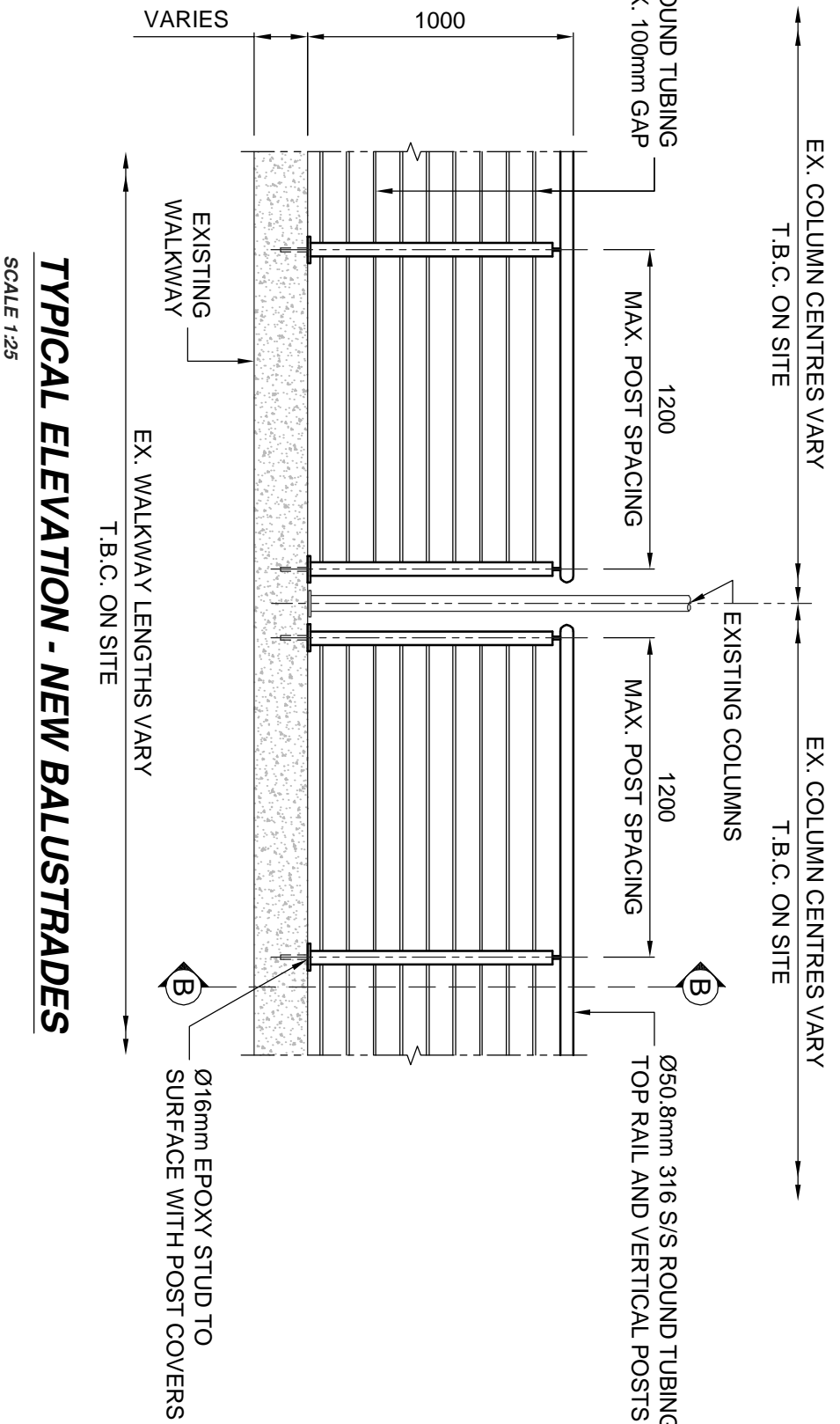
TYPICAL SECTIONAL ELEVATION - NEW RAMP & BALUSTRADES

SCALE 1:20



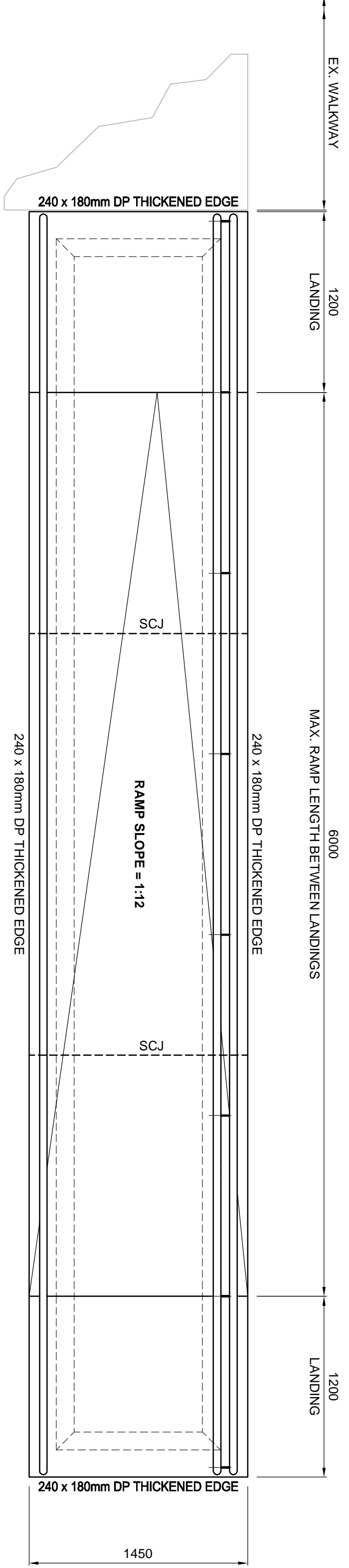
TYPICAL SECTION C - C'

SCALE 1:20



TYPICAL ELEVATION - NEW BALUSTRADES

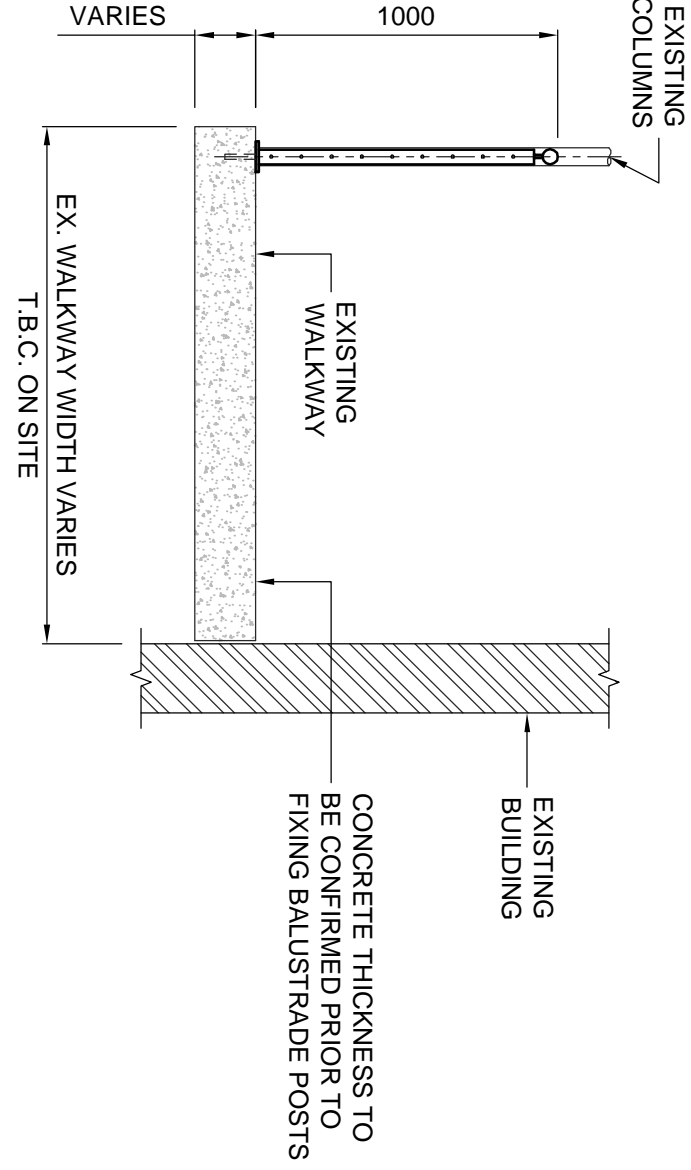
SCALE 1:20



TYPICAL PLAN VIEW - NEW RAMP & BALUSTRADES

SCALE 1:20

- NOTE:**
- WHERE RAMPS IN SAME DIRECTION ARE USED FOR A VERTICAL RISE OF MORE THAN 600mm, BE STAGGERED BY 150mm TO PREVENT SLIP AND FALLS.
 - UNDER WET AND DRY CONDITIONS.



TYPICAL SECTION B - B'

SCALE 1:20

NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITIES OR STATUTORY BODIES.
- WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARDS SPECIFICATIONS, THE CURRENT EDITION SHALL BE USED.
- REFER TO ARCHITECTS LAYOUTS FOR SETTING OUT INFORMATION.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ONLY WRITTEN DIMENSIONS AND LEVELS SHALL BE USED.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS FROM THE RELEVANT DISCIPLINES. ARCHITECT, CIVIL, ELECTRICAL AND MECHANICAL.
- THE CONTRACTOR SHALL GIVE THE ENGINEER AT LEAST 24 HOURS ADVANCE NOTICE FOR INSPECTIONS.
- THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY BY THE CONTRACTOR OF ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS AND SPECIFICATIONS.
- FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL / GEOTECHNICAL ENGINEER BEFORE ANY BLINDING IS CAST.
- REINFORCING TO BE CHECKED AND APPROVED BY THE ENGINEER PRIOR TO CASTING CONCRETE.
- ALL DUCTS OR RECESSES TO BE APPROVED BY THE ENGINEER.
- POSITION OF CONSTRUCTION JOINTS TO BE APPROVED BY THE ENGINEER.
- CONCRETE STRENGTHS @ 28 DAYS.
- FOUNDATIONS : 25 MPa
- COLUMNS : 30 MPa
- ROOF SLABS : 30 MPa
- BEAMS : 30 MPa
- COVER TO STEEL REINFORCEMENT: 100N.
- FOUNDATIONS : 50 mm
- BEAMS : 30 mm
- COLUMNS : 30 mm
- ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
- ALL WATERPROOFING TO ARCHITECTS DETAIL.
- SAW CUTS ARE TO BE MADE AS SOON AS THE CONCRETE IS FIRM ENOUGH NOT TO BE TORN OR DAMAGED BY THE CUTTING BLADE USUALLY BETWEEN 17 TO 20 HRS OF SETTING.
- ALL STEELWORK TO BE FABRICATED AND DELIVERED TO SITE WITH PROTECTIVE COATING.
- ALL STEELWORK TO BE 316 STAINLESS STEEL, UNLESS OTHERWISE NOTED.
- A COMPLETE SET OF SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL BEFORE FABRICATION COMMENCES.
- ALL WELDS TO BE CONTINUOUS FILET WELDS IN ACCORDANCE WITH SANS AND AWS/BS STANDARDS.



PROJECT
DBSA SCHOOLS FS
KGAIBELO PRIMARY SCHOOL
FREE STATE

DRAWING
TYPICAL DETAILS (SHEET 2)

REVISION	DATE
1	2023-11-14
2	2023-11-14
3	2023-11-16

SCALE
AS SHOWN

PROJECT NUMBER
SAB1777-RPS-106-P-00

DRAWING STATUS CODES:
1 - DESIGN
2 - CHECKED
3 - APPROVED
4 - REVISED
5 - CANCELLED
6 - WITHDRAWN
7 - REDESIGNED
8 - REDESIGNED
9 - REDESIGNED
10 - REDESIGNED
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