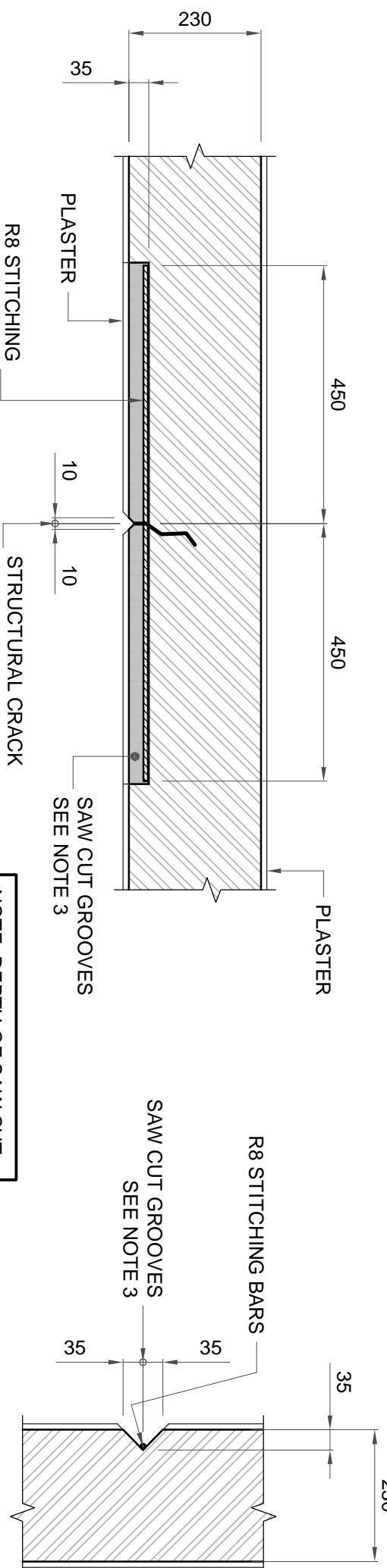


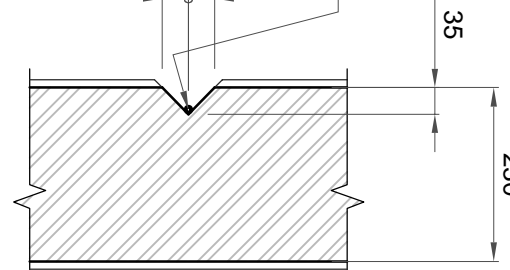
TYPICAL CRACK STITCHING DETAIL 1'

SCALE 1:30



TYP. HORIZONTAL DETAIL

SCALE 1:10

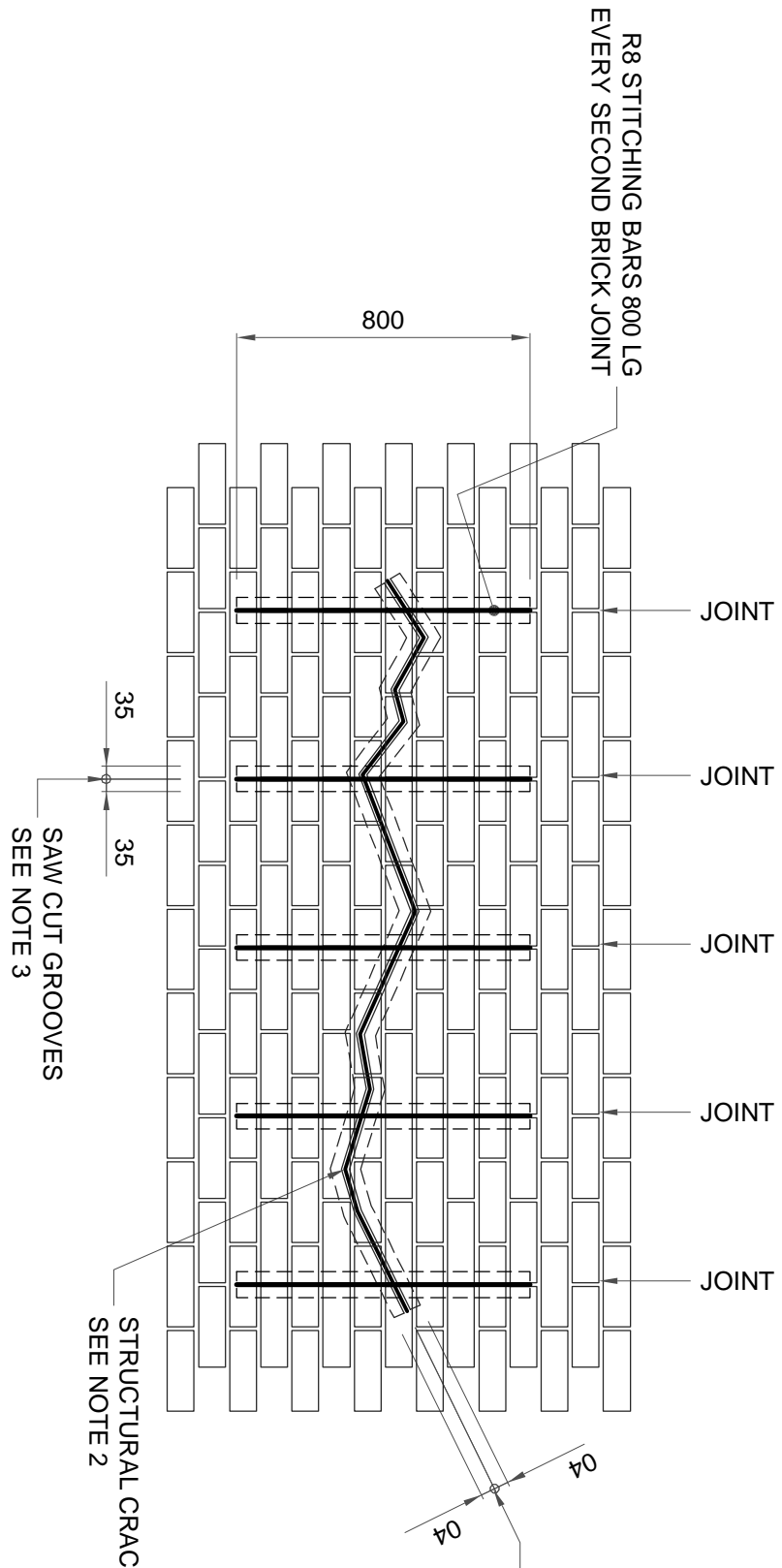


TYP. VERTICAL DETAIL

SCALE 1:10

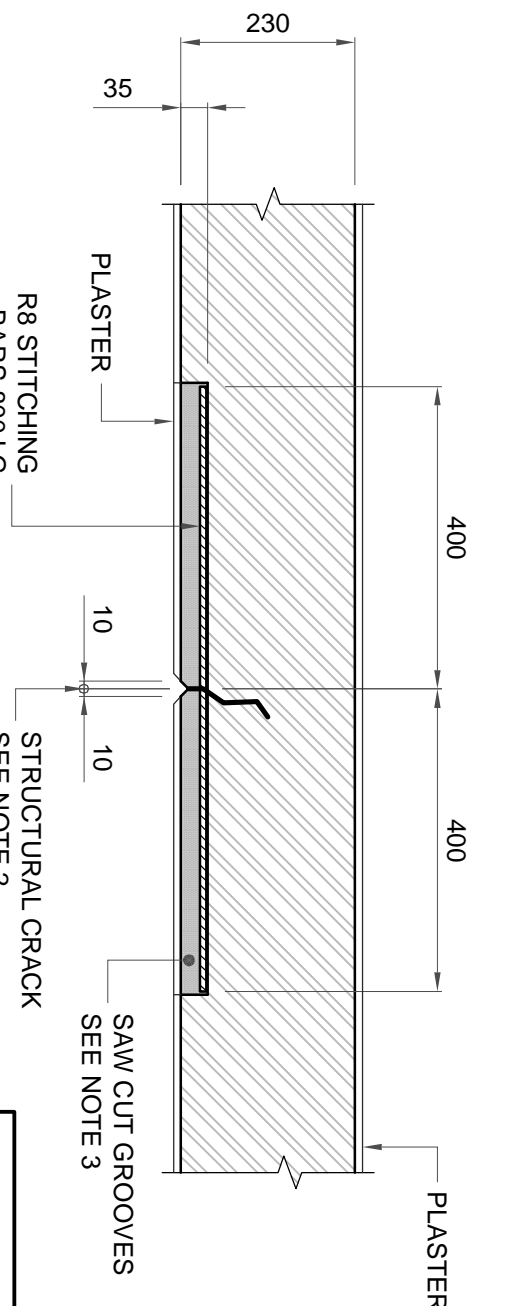
LENGTH OF CRACK	Nb. OF STITCHES
< 250	1
250 - 500	2
500 - 750	3
750 - 1000	4
1000 - 1250	5
1250 - 1500	6

- NOTES:
- ALL SURFACES WITHIN 50mm OF CRACK LINE SHALL BE THOROUGHLY CLEANED OF ALL FOREIGN MATERIAL LIKELY TO IMPAIR THE BOND OF THE STITCHING REINFORCEMENT.
 - CREATE A 'V' NOTCH IN THE BRICKWORK APPROXIMATELY 25mm WIDE OVER CRACK.
 - SAW CUT 'V' GROOVES PERPENDICULAR TO THE CRACK LINE TO A MINIMUM DEPTH OF 100mm. SPACING BETWEEN GROOVES SHALL BE 100mm. GROOVES SHALL BE FILL WITH THE 'V' GROOVES AND PLASTER WITH SPECIFIED MATERIAL USING MESH REF 100.
 - ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE START OF WORK. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER.
 - DIMENSIONAL ACCURACY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - ALL EXISTING CRACKS AND SOLLING OF PLASTER TO BE REPAIRED AS INSTRUCTED BY ENGINEER ON SITE.
 - REPAIR SYSTEM TO BE USED OR SIMILAR APPROVED CONCRETE REPAIRS SHALL MONO TOP 619/18 ANTISOL IS TO BE USED.
 - THIS DRAWING AND ALL NOTES MUST BE READ IN CONJUNCTION WITH THE STRUCTURAL ASSESSMENT REPORT



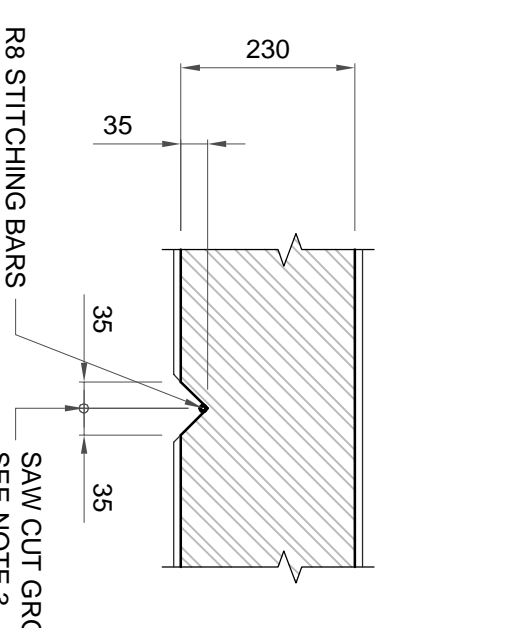
TYPICAL CRACK STITCHING DETAIL 2'

SCALE 1:30



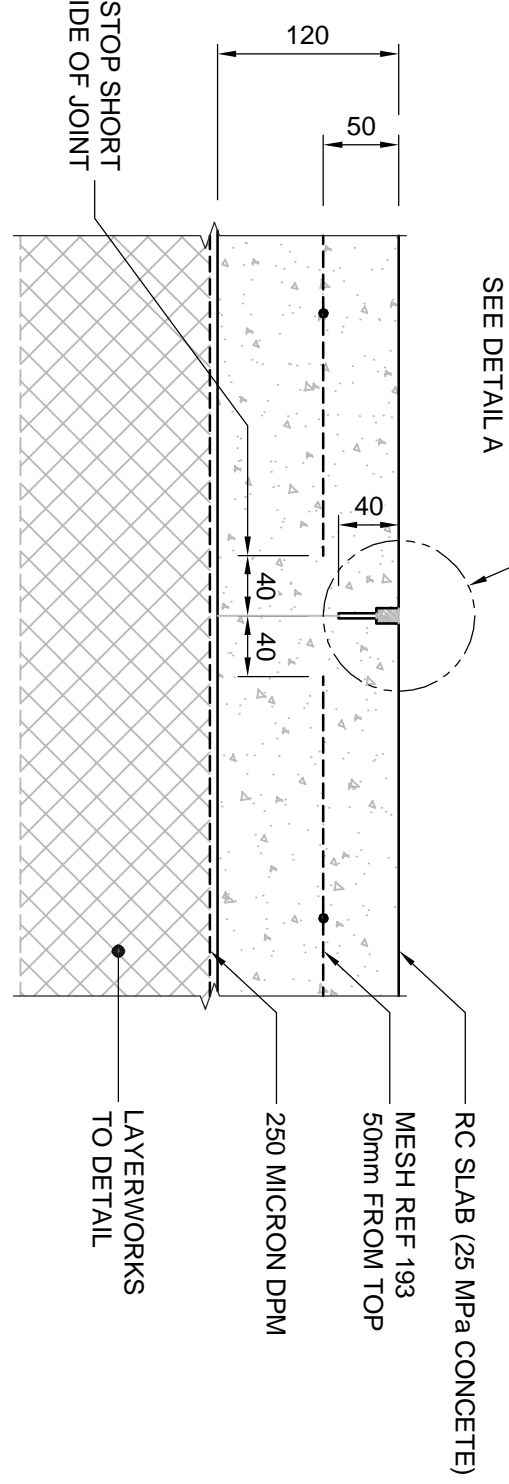
TYP. VERTICAL DETAIL

SCALE 1:10



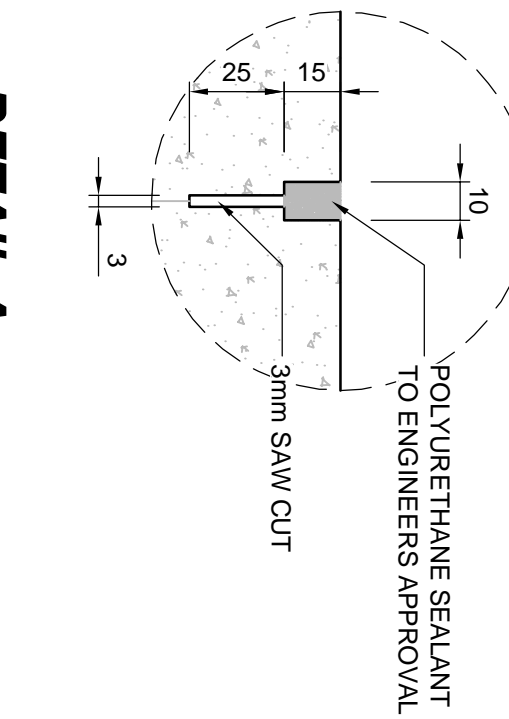
TYP. HORIZONTAL DETAIL

SCALE 1:10



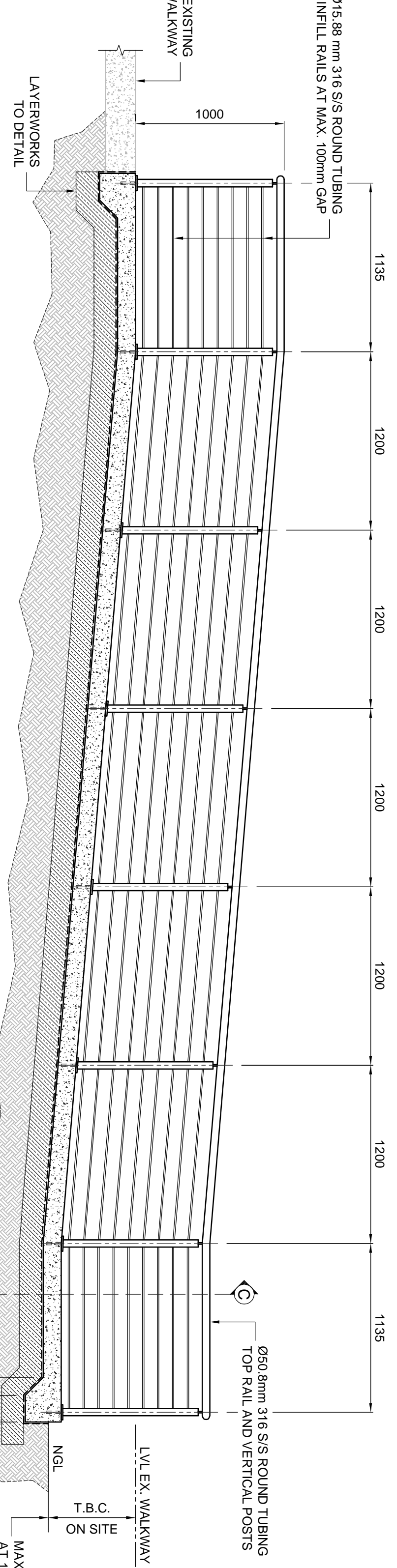
SAW CUT JOINT DETAIL (SCJ)

SCALE 1:5



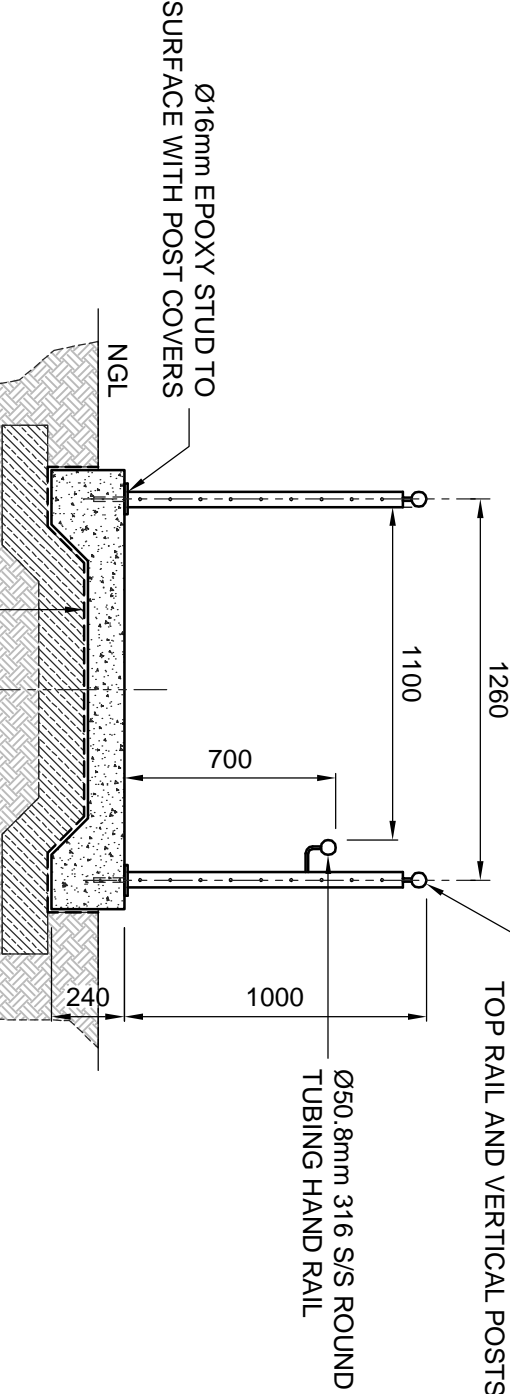
DETAIL A

SCALE 1:2



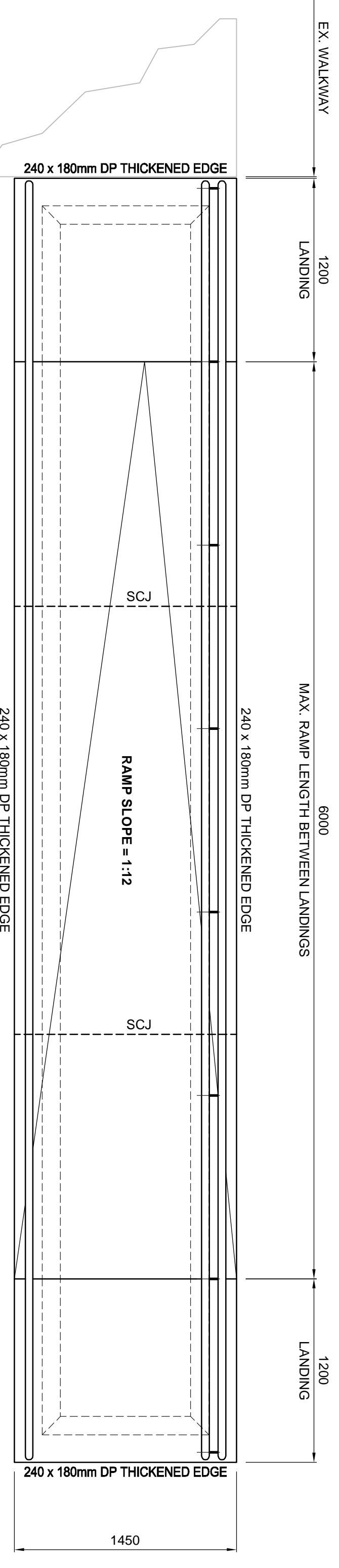
TYPICAL SECTIONAL ELEVATION - NEW RAMP & BALUSTRADES

SCALE 1:25



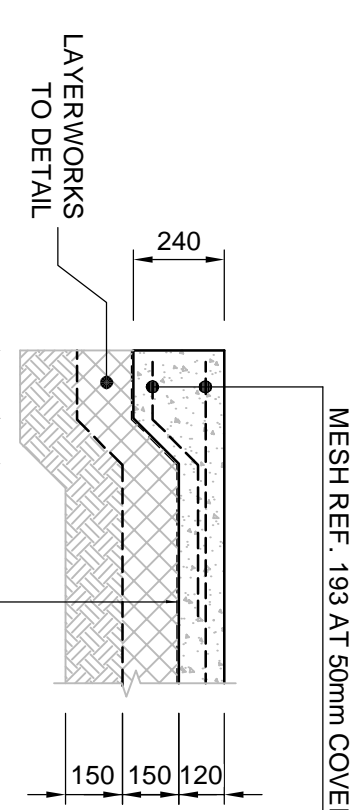
TYPICAL SECTION C - C

SCALE 1:25



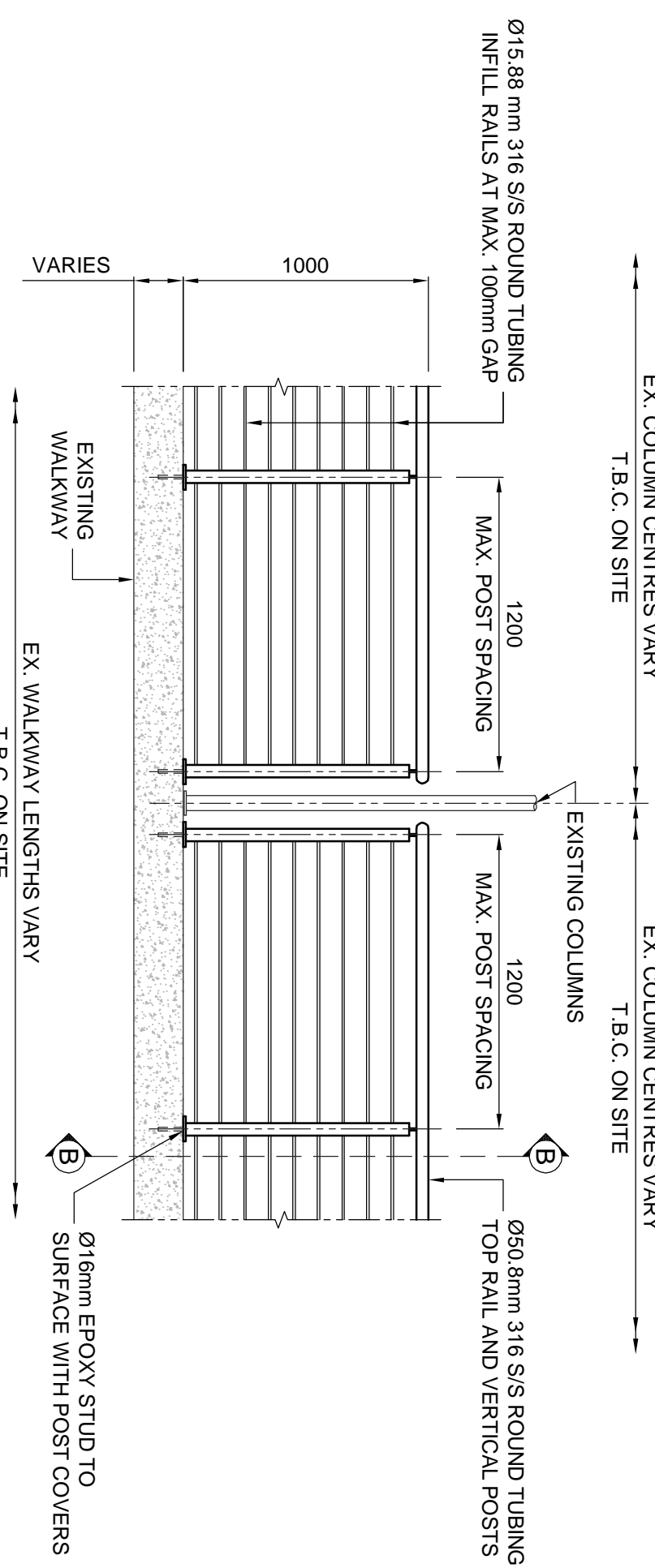
TYPICAL PLAN VIEW - NEW RAMP & BALUSTRADES

SCALE 1:25



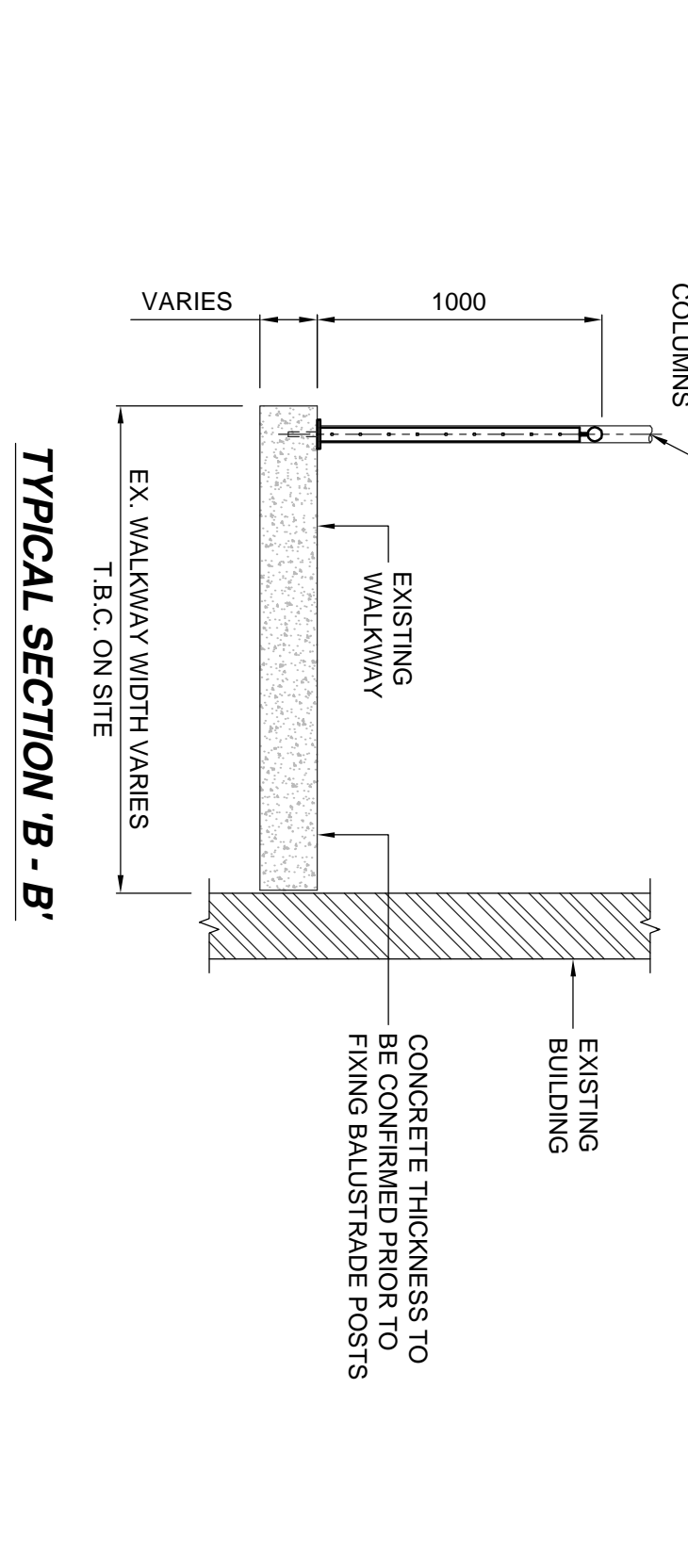
SURFACE BED EDGE THICKENING RAMP

SCALE 1:20



TYPICAL ELEVATION - NEW BALUSTRADES

SCALE 1:25



TYPICAL SECTION B - B'

SCALE 1:25

NOTES:

- ALL WORK IN ACCORDANCE WITH THE RELEVANT LOCAL AUTHORITIES OR STATUTORY BODIES.
- WHERE REFERENCE IS MADE TO THE SOUTH AFRICAN STANDARD SPECIFICATIONS, THE CURRENT EDITION SHALL BE USED.
- REFER TO ARCHITECT'S LAYOUTS FOR SETTING OUT INFORMATION.
- ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL 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 THE FOLLOWING:
- REINFORCEMENT SHALL BE WATERPROOFED AND BENT BY SHED TO BE AN APPROVED METHOD BETWEEN DRAWINGS, DETAILS AND SPECIFICATIONS.
- FOUNDATION EXCAVATIONS TO BE INSPECTED AND APPROVED BY THE STRUCTURAL / GEOTECHNICAL ENGINEER BEFORE ANY REINFORCEMENT 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: 10.0N.
- FOUNDATIONS : 50 mm
- BEAMS : 30 mm
- COLUMNS : 30 mm
- ALL SHARP EXPOSED EDGES TO BE CHAMFERED 20 x 20mm.
- ALL WATERPROOFING TO ARCHITECT'S 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 10 TO 15 DAYS OF SETTING.
- ALL STEELWORK TO BE FABRICATED AND DELIVERED TO SITE IN ADVANCE WITH 20% OF THE ORDER 1201-3.
- 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 KANSAS STANDARDS.



PROJECT
DBSA SCHOOLS FS
RESEARCHERS PRIMARY SCHOOL
FREE STATE

TYPICAL DETAILS (SHEET 3)

RESPONSIBLE PERSON	DATE
MD	2023-02-16
DMW	2023-02-16
CHECKED	2023-02-17
APPROVED	2023-02-17
SCALE	AS SHOWN
SHEET NUMBER	3
SHEET SIZE	A0

SAB1777-RPS-185-P-00

DRAWING STATUS CODES:
1 - INQUIRY
2 - REVISION
3 - AMENDMENT
4 - CANCELLATION
5 - CANCELLATION
6 - CANCELLATION
7 - CANCELLATION
8 - CANCELLATION
9 - CANCELLATION
10 - CANCELLATION
11 - CANCELLATION
12 - CANCELLATION
13 - CANCELLATION
14 - CANCELLATION
15 - CANCELLATION
16 - CANCELLATION
17 - CANCELLATION
18 - CANCELLATION
19 - CANCELLATION
20 - CANCELLATION
21 - CANCELLATION
22 - CANCELLATION
23 - CANCELLATION
24 - CANCELLATION
25 - CANCELLATION
26 - CANCELLATION
27 - CANCELLATION
28 - CANCELLATION
29 - CANCELLATION
30 - CANCELLATION
31 - CANCELLATION
32 - CANCELLATION
33 - CANCELLATION
34 - CANCELLATION
35 - CANCELLATION
36 - CANCELLATION
37 - CANCELLATION
38 - CANCELLATION
39 - CANCELLATION
40 - CANCELLATION
41 - CANCELLATION
42 - CANCELLATION
43 - CANCELLATION
44 - CANCELLATION
45 - CANCELLATION
46 - CANCELLATION
47 - CANCELLATION
48 - CANCELLATION
49 - CANCELLATION
50 - CANCELLATION
51 - CANCELLATION
52 - CANCELLATION
53 - CANCELLATION
54 - CANCELLATION
55 - CANCELLATION
56 - CANCELLATION
57 - CANCELLATION
58 - CANCELLATION
59 - CANCELLATION
60 - CANCELLATION
61 - CANCELLATION
62 - CANCELLATION
63 - CANCELLATION
64 - CANCELLATION
65 - CANCELLATION
66 - CANCELLATION
67 - CANCELLATION
68 - CANCELLATION
69 - CANCELLATION
70 - CANCELLATION
71 - CANCELLATION
72 - CANCELLATION
73 - CANCELLATION
74 - CANCELLATION
75 - CANCELLATION
76 - CANCELLATION
77 - CANCELLATION
78 - CANCELLATION
79 - CANCELLATION
80 - CANCELLATION
81 - CANCELLATION
82 - CANCELLATION
83 - CANCELLATION
84 - CANCELLATION
85 - CANCELLATION
86 - CANCELLATION
87 - CANCELLATION
88 - CANCELLATION
89 - CANCELLATION
90 - CANCELLATION
91 - CANCELLATION
92 - CANCELLATION
93 - CANCELLATION
94 - CANCELLATION
95 - CANCELLATION
96 - CANCELLATION
97 - CANCELLATION
98 - CANCELLATION
99 - CANCELLATION
100 - CANCELLATION

THIS DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTS LAYOUTS.

COPYRIGHT RESERVED