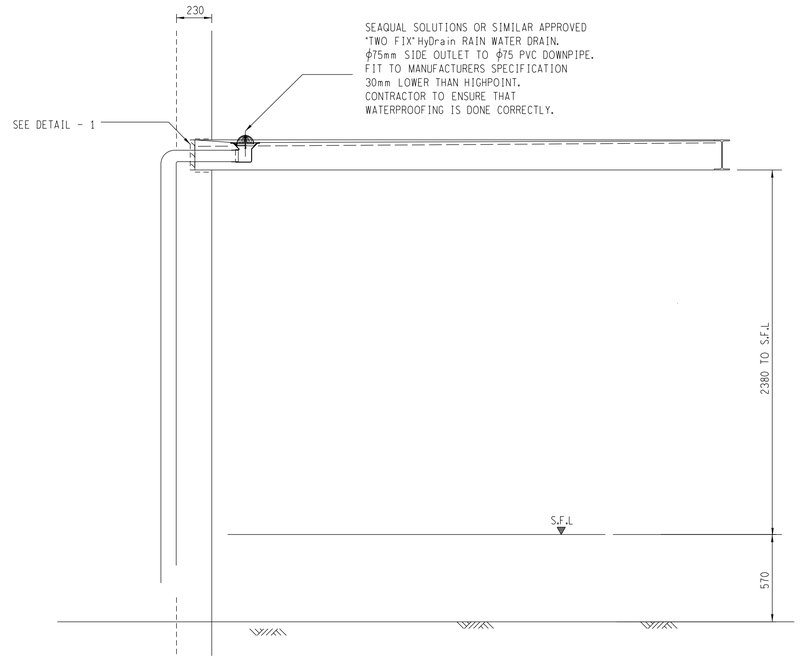
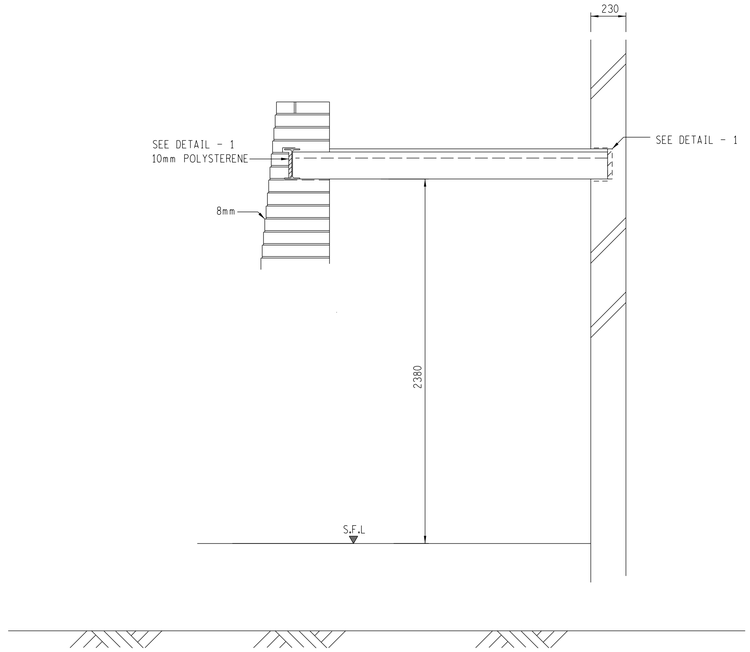


SECTION Y-Y
1:20



SECTION X-X
1:50

ROOF SLAB CONSTRUCTION

WATERPROOFING AS SPECIFIED ON
CONCRETE TO FALL (200 TO 170mm THICKNESS) TO OUTLET ON
BROWNBUILD BOND-LOK COMPOSITE DECK AS SPECIFIED.
MESH REF. 193 ON TOP WITH 25mm COVER
CONCRETE TO BE WOODFLOATED SMOOTH AND PROPERLY CURED TO PREVENT CRACKS.
USE BROWNBUILT BOND-LOK 50/300 COMPOSITE DECKING - 1mm THICK
DECK TO SPAN OVER 2,1m LENGTH.
PROPPING OF DECKING TO BE 1,3m CRS. MAX.

WATERPROOFING

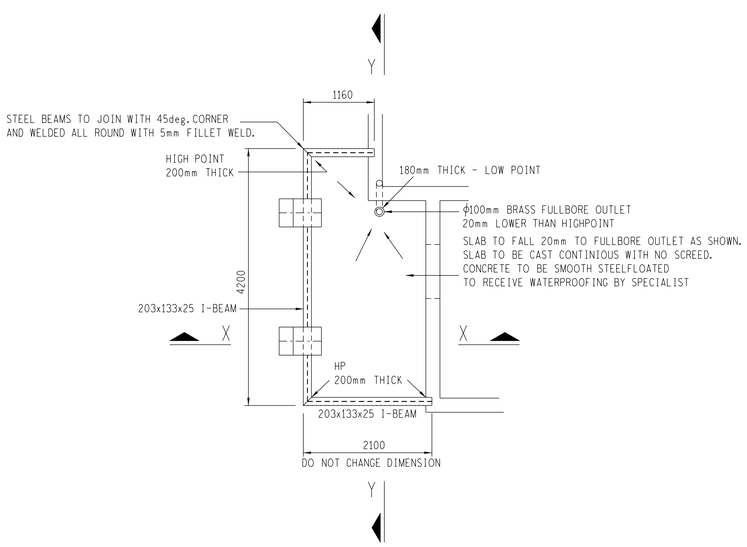
CONCRETE SLAB MUST BE DRY AND PREPARED TO MANUFACTURERS SPECIFICATION.
APPLY SIKA SEALOFLEX PROFESSIONAL FIBRE REINFORCED WATERPROOFER
TO MANUFACTURERS SPECIFICATIONS.
APPLY SIKA SEALOFLEX FLEXIBLE ACRYLIC WATERPROOFING SYSTEM WITH G3 MEMBRANE
COLOUR - GREY
THE MEMBRANE TO BE PLACED OVER JOINT BETWEEN CONCRETE AND STEEL BEAM.

PAINTING - STEEL

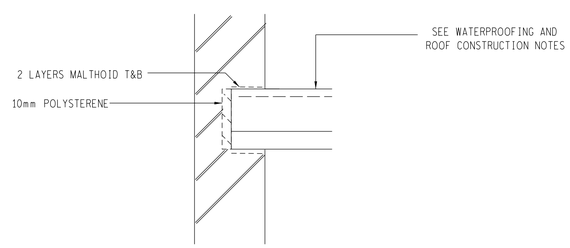
SURFACE PREPARATION IS IMPORTANT.
COLUMNS AND BASEPLATES TO BE PAINTED PRIOR TO COMMENCING WITH BRICKWORK.
PAINT IPE200 BEAM WITH PLASCON PRIMER FOR STEEL
PAINT TWO COATS HAMMERITE - GREY HAMMERED

NOTES

1. CONCRETE GRADE TO BE 25/19.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH SHT.1 - ARCHITECTURAL PLAN
3. ALL STEELWORK TO BE GRADE 300WA TO SANS 1431
4. WELDING TO CONFORM TO SANS 044.



PLAN
1:50



DETAIL - 1
1:10

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	REFERENCE DRAWINGS
0						

APPROVED BY DJ SENEKAL
DATE 29-8-2011
CHECKED BY DBN
DATE 29-8-2011
DRAWN BY DB NAUDE
DATE 12/7/2011
SCALE AS SHOWN

Eskom Transmission

ESKOM HOLDINGS LIMITED
REG NO.
2002/015527/06

TRANSMISSION SUBSTATIONS

ACCESS CONTROL BUILDING - 2011
CONCRETE ROOF SLAB AT PORCH
DETAILS AND SPECIFICATIONS

©

0.54/7515

SHEET NUMBER	REVISION
6	0

SIZE GROOTTE A1L