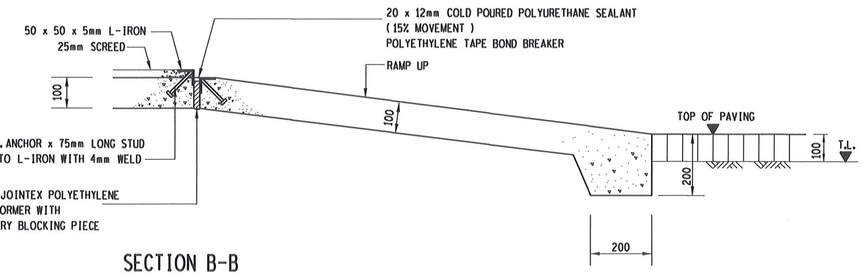
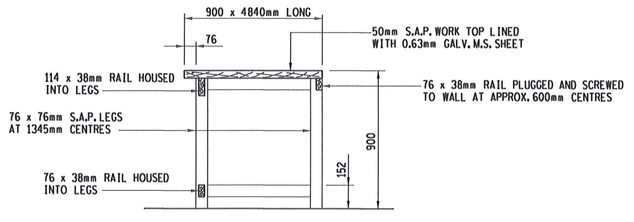
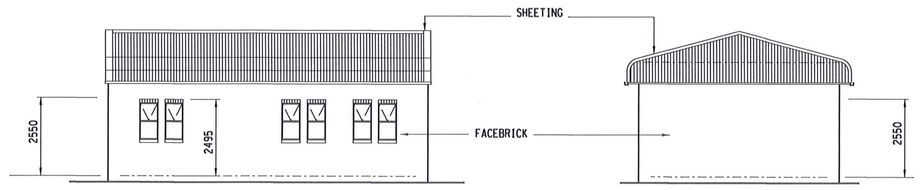


SECTION B-B

SCALE 1:10



WORKBENCH DETAIL

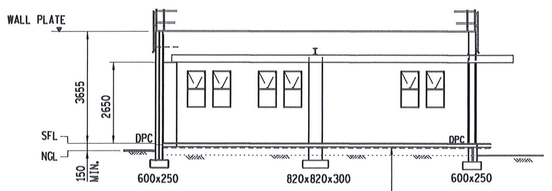


SOUTH ELEVATION

1:100

WEST ELEVATION

1:100

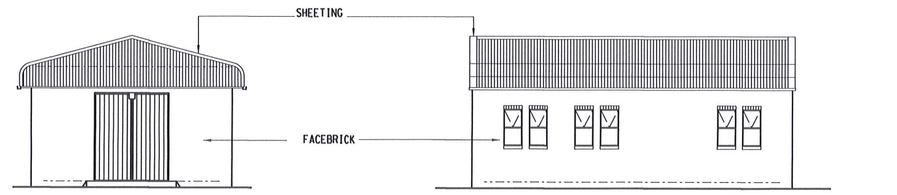


SECTION B-B

1:100

100 CONC. SLAB WITH MESH REF. 395 TOP (30 COVER) ON SPECIFIED FILL

350 MICRON USB GREEN WATERPROOFING MEMBRANE

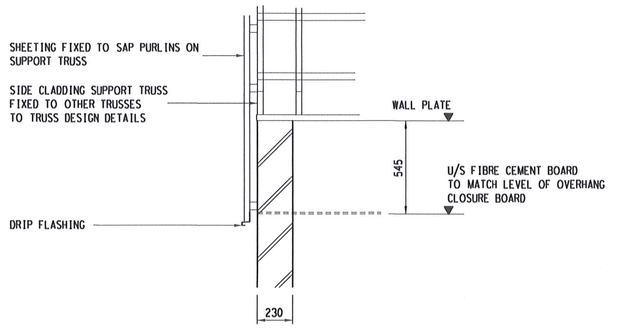


EAST ELEVATION

1:100

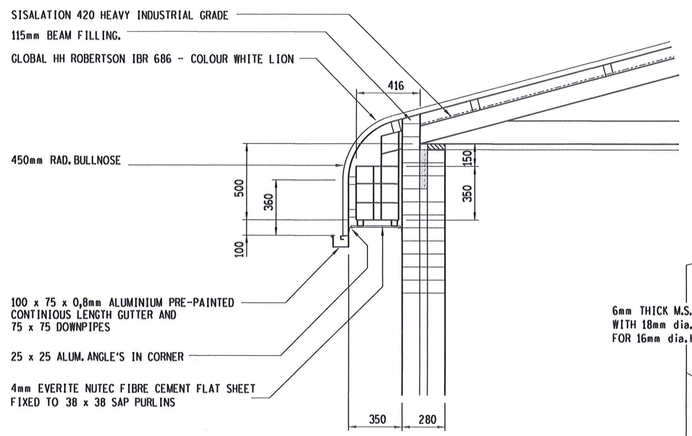
NORTH ELEVATION

1:100



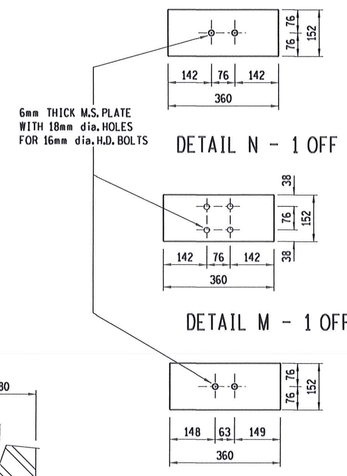
ROOF GABLE OVERHANG DETAIL

1:20



ROOF OVERHANG DETAIL

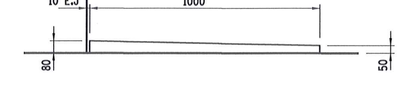
1:20



DETAIL N - 1 OFF

DETAIL M - 1 OFF

DETAIL L - 2 OFF



SECTION APRON SLAB EAST, WEST & SOUTH SIDE

1:10

WINDOW SCHEDULE	
	600, 2.380m TO S.F.L, 1200
	W1 - 12 OFF
TYPE	AAAMSA APPROVED PTT612 ALUMINIUM 30,5 TOP HUNG CASEMENT WINDOW INCL. BURGLAR BARS
GLASS	4mm CLEAR FLOAT GLASS SIZE 515x715
FINISH	BROWN POWDER COATED
WISPECO ALUMINIUM THERMOSASH TOP-HUNG CASEMENT WINDOW FROM ANSO - BLOEMFONTEIN BROWN ANODISED	
NOTE: GLAZING OF WINDOWS TO BE DONE ACCORDING TO THE NATIONAL BUILDING REGULATIONS - PART N.	

DOOR SCHEDULE		
	T.O.DOOR LEAF, 2440, 186, 2430, 250, 254 x 146mm RSJ., S.F.L CUT DOOR TO FIT BEAM PROFILE OR CLOSE GAP BETWEEN DOOR AND BEAM WITH BRUSH OR RUBBER TYPE CLOSURE	877, 32, 813, 32, 2032, 2064, 20
TYPE	D1	D2
QUANTITY	1	1
FRAME	GALV. PRESSED METAL FRAME BY 'WISPECO' OR EQUAL APPROVED. ONE COAT PRIMER FOR GALV. STEEL 2 COATS AS SPECIFIED	50 x 75 HW TIMBER DOORFRAME FOR DOOR SIZE SPECIFIED SAND DOWN, PREPARE AND PAINT 2 X COATS POLYURETHANE VARNISH
DOOR	2895 x 2440 x 45mm SINGLE PANEL REINFORCED STEEL DOOR IN TWO LEAVES WITH FORMED SLAM BAR IN FIRST CLOSING LEAF. DOOR TO ALLOW FOR CRAWL BEAM PASSING THROUGH. PAINT AS SPECIFIED FOR FRAME	813 x 2032 x 40mm MERANTI H.W EXTERIOR EQUAL 6 PANEL TIMBER DOOR. SAND DOWN, PREPARE AND PAINT 2 COATS CLEAR POLYURETHANE VARNISH.
IRONMONGERY	1 PAIR DORMA SH875 STAINLESS STEEL LEVER FURNITURE ON 150 x 75mm BACKPLATE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DDC056501 NICKEL PLATED 65mm FIVE PIN EURO-PROFILE DOUBLE CYLINDER 1 HOWICK H101 150 x 32mm POLISHED BRASS HEAVY DUTY BARREL BOLT, (SAT CHROME) 1 HOWICK H107 150 x 32mm POLISHED BRASS HEAVY DUTY NECKED BOLT, (SAT CHROME) SOLID BRASS HASP & STAPLE FIT A CHAIN AND PULL RING TO THE TOP BARREL BOLT OF DOOR D1. FIT 150mm CHROME PLATED CABIN HOOK & EYE ON OUTSIDE OF BOTH LEAFES. HOOK ON MERANTI BLOCK, PLUGGED AND SCREWED TO WALL. DOOR FITTED WITH ADDITIONAL BRASS HEAVY DUTY HASP AND STAPLE - DRILLED OUT TO 14mm dia. 150mm MS BARREL BOLTS (8064) FITTED TO TOP & BOTTOM OF FIRST CLOSING LEAF.	1 PAIR DORMA SH875 STAINLESS STEEL LEVER FURNITURE ON 150 x 75mm BACKPLATE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DKC 056501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE KNOB CYLINDER 1 DORMA DDS-SS-017 STAINLESS STEEL FLOOR STOP SOLID BRASS HASP & STAPLE
GENERAL	ALL EXTERIOR DOOR FRAMES TO HAVE DUST SEALS IN REBATE OF DOOR FRAME. AND WEATHERGUARD AT BOTTOM OF DOOR LEAF. DUST SEALS TO BE 20mm WIDE x 10mm THICK - SONDOR SBR STRIP	

ROOF AND SIDE CLADDING SHEETING

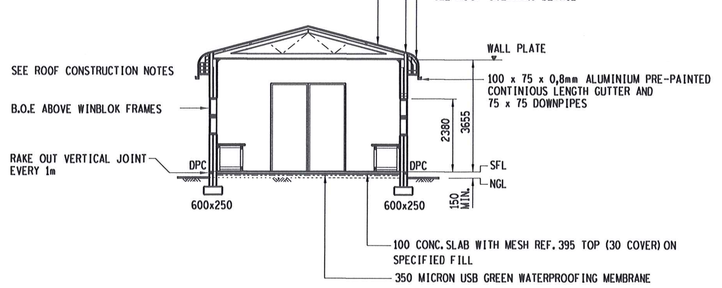
SAFINTRA SHEETING - IBR PROFILE
0,4mm THICKNESS
AZ150 PREPAINTED COATING SYSTEM
COLORPLUS - DESSERT SAND COLOUR
FASTENERS TO BE APPROVED OR SUPPLIED BY SAFINTRA

SHEETING TO BE LAID STRICTLY TO MANUFACTURERS SPECIFICATIONS BY AN SAFINTRA APPROVED ERECTOR.
A FIVE YEAR GUARENTEE SHALL BE ISSUED FOR SITE WORKMANSHIP AND WATER TIGHTNESS.

HH ROBERTSON SHEETING - IBR PROFILE
0,53mm THICKNESS
G550 STEEL GRADE
AZ150 ZINCALUME COATING
COLORBOND - GEMSBOK SAND COLOUR
FASTENERS TO BE APPROVED OR SUPPLIED BY HH ROBERTSON

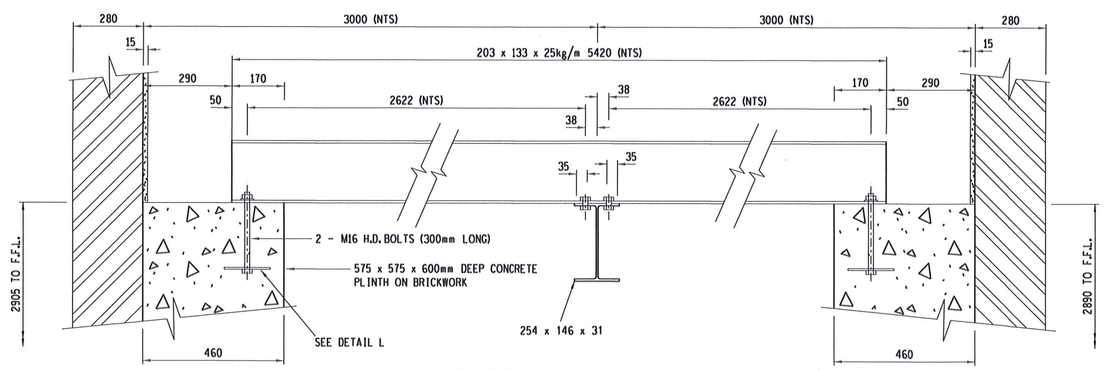
SHEETING TO BE LAID STRICTLY TO MANUFACTURERS SPECIFICATIONS BY AN HH ROBERTSON APPROVED ERECTOR.
A FIVE YEAR GUARENTEE SHALL BE ISSUED FOR SITE WORKMANSHIP AND WATER TIGHTNESS.

SHEETING TO BE FIXED WITH ZINC ALLOY COATED CLASS 3 SELF DRILLING SCREW WITH TYPE 17 POINT (SHARP) AND 12mm HEX. WASHER HEAD



SECTION A-A

1:100



SECTION SUPPORT BEAM

SCALE 1:10

COLOUR

ROOF SHEETING BARGE BOARD	DESSERT SAND PROMINENT SATIN ACRYLIC - MISTY MORNING 1403-Y51R
GUTTER	ALUMINIUM WHITE
EXTERIOR WALLS WINBLOK WINDOW FRAMES	FACEBRICK AS SPECIFIED PROMINENT SATIN ACRYLIC - GECKO 4705 - Y24R
STEEL DOOR	PROMINENT ENAMEL - GREY 2502 - G05Y
INTERNAL WALLS OVERHANG TIMBER	PROMINENT SHEEN - WHITE CLOUD 0702 - Y CREOSOTE

GENERAL NOTES.

1. ALL WORK TO SABS 0400 & NATIONAL PREAMBLE OF TRADES.
2. BRICKS TO BE CLAY FACEBRICK CLASS "FBX" TO SABS 227 IN CLASS II MORTAR.
   FACEBRICK TO BE THE SAME AS FOR THE CONTROL BUILDING
   INTERNAL PLASTERED WALLS TO BE CLAY BRICKS CLASS "NFP" IN CLASS II MORTAR.
3. DEPTH OF FOUNDATIONS TO FOUND ON APPROVED FOUNDING MATERIAL.
4. BRICKWORK TO BE REINFORCED WITH 150mm "BRICKFORCE" REINFORCEMENT TO FIRST FIVE COURSES ABOVE FOUNDATIONS AND FOUR COURSES ABOVE WINDOW HEAD HEIGHT AROUND, ALSO EVERY FIFTH INTERMEDIATE COURSE.
   ALL CAVITY WALLS TO HAVE WALL TIES - 5 PER sq.m IN ELEVATION
   BRICKWORK ABOVE FABCON LINTEL TO BE SOAKED IN WATER.
   ALL JOINTS IN BRICKWORK TO BE SOLID.
5. PREFABRICATED REINFORCED CONCRETE LINTELS OVER OPENINGS, WINDOWS, ETC. TO BE ADEQUATELY SUPPORTED DURING BUILDING OPERATIONS.
6. E.J TO BE 10mm WIDE WITH SONDOR JOINTEX EXPANDABLE POLYETHYLENE JOINT FORMER WITH TEMPORARY BLOCKING PIECE.
7. PREFABRICATED ROOF TRUSSES ON WALL PLATES AND TO BE BEDDED ON CEMENT GROUT BED.
   WALL PLATES AND RAFTERS TO BE LASHED DOWN WITH 38x1,6mm THICK GALVANISED HOOP-IRON TIES BUILT INTO EXTERNAL WALLS TO TEN BRICK COURSES BELOW WALL PLATE.
8. PROVIDE 610x610mm FRAMED ACCESS TRAP DOOR IN CEILING AS SHOWN ON PLAN.
9. LAY 40mm THICK FIBRE GLASS BLANKET INSULATION OVER ALL CEILINGS.
   CORNICE - 75mm COVED GYPSUM.
   ALL EXPOSED CONCRETE FINISHES TO HAVE SMOOTH-OFF-SHUTTER FINISH AND 25mm CHAMFER.
10. FIRE EXTINGUISHERS TO BE MOUNTED ON 25mm NOMINAL THICKNESS HARDWOOD BACKING BOARDS WITH CHAMFERED EDGES, PLUGGED & SCREWED TO WALL, WITH SCREW HOLES PELLETED IN POSITIONS SHOWN ON PLAN.
11. BRICK ON EDGE ABOVE ALL WINDOWS.

ROOF INSULATION

SUPER SISALATION - 400 LIGHT INDUSTRIAL GRADE.
INSULATION MATERIAL TO BE LAID OVER TRUSSES AND STAPLED TO IT BEFORE FITTING PURLINS.

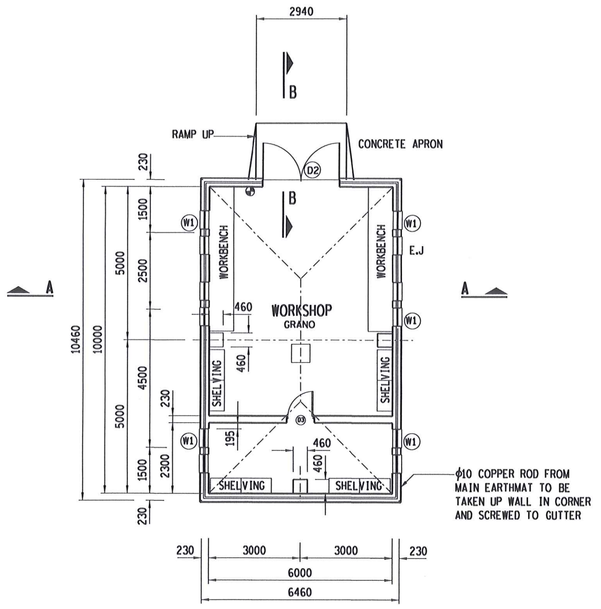
FINISHES

SUB FLOORS
150mm THICK AND 25MPa CONCRETE SLAB WITH MESH REF. 395 TOP. COVER = 30mm.
350 MICRON USB GREEN WATERPROOFING MEMBRANE, LAY AND SEAL AT ALL JOINTS
ON SELECTED FILL, COMPACTED FILL IN LAYERS OF 150mm TO 95% MOD. AASHTO. SEE FOUNDING NOTES

FLOOR
25mm SCREED - STEELFLOATED
SCREED SHALL BE 1:3 SAND CEMENT MORTAR.
APPLY TO SCREED ABE ABECRON NON-METALLIC DRY SHAKE CEMENTITIOUS FLOOR HARDENER AT 5kg/m.sq
SEAL FLOOR WITH IVORY FLOORCRETE FLOWSEAL CR1000 COLOUR LIGHT GREY
SEMI-GLOSS WATER BASED EPOXY COATING SYSTEM TO MANUFACTURERS SPECIFICATION.
APPLY BY ROLLER OR SPRAY.
NO SKIRTING.

INTERIOR WALLS
APPROVED CLAY NON-FACING PLASTERED "NFP" TO SABS 227 IN CLASS II MORTAR.
ONE COAT 15mm THICK 1:5 CEMENT PLASTER, SMOOTH STEELFLOATED
PAINT ONE COAT ALKALI RESISTANT PLASTER PRIMER AND TWO COATS
PLASCON DOUBLE VELVET - GRECIAN WHITE

CEILING
6,4mm GYPSUM PLASTERBOARD IN 1200mm WIDTHS FIXED TO 38 x 38mm S/W
BRANDERING AT 400mm CENTRES ONE DIRECTION ONLY WITH
H-PROFILE JOINTING STRIPS.
PAINT ONE COAT SEALER AND 2 COATS PROMINENT SHEEN ACRYLIC WHITE.

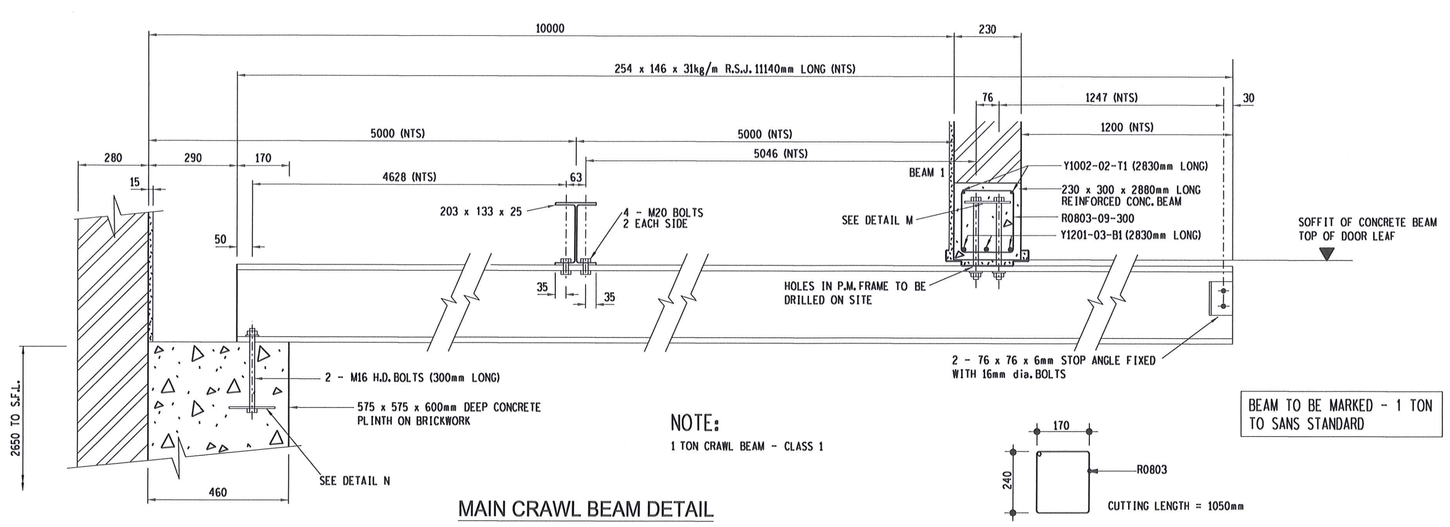


PLAN

SCALE 1:100

600 x 600 TRAP DOOR IN CEILING AS SHOWN IN STORE

1x9kg CO2 & 1x9kg DRY POWDER FIRE EXTINGUISHERS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.



MAIN CRAWL BEAM DETAIL

SCALE 1:10

NUMBER REQUIRED = 1

NOTE:
1 TON CRAWL BEAM - CLASS 1

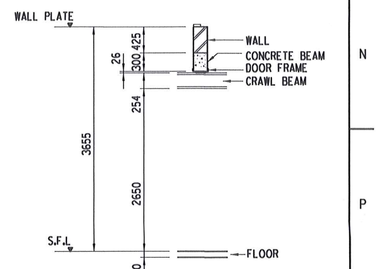
BEAM TO BE MARKED - 1 TON TO SANS STANDARD

BAR MK 03 (SHAPE 60)

NUMBER REQUIRED = 10

SHELVING IN STORE ROOM

INSTALL AND FIX TO WALL "LINVAR STORAGE SYSTEMS"
TYPE LINSPACE 8-OFF SINGLE ENTRY BAYS AS SHOWN ON PLAN.
SIZE 1000w x 2200h x 500d@
COMPLETE WITH UPRIGHTS, TOP & BASE, 4 SHELVES AND ALL FITTINGS.
ORDER - NSBAY50PK1
TEL. 080-011-0468



REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
0	FIRST ISSUE					

APPROVED BY: P. Mavuso, DATE 17/07/2017
CHECKED BY: P. Mavuso, DATE 17/7/2017
DRAWN BY: S.A. Mavuso, DATE 17/7/2017

Eskom

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

WESKUSFLEUR

WORKSHOP BUILDING
PLAN, ELEVATIONS, SECTION AND DETAILS

©

SCALE AS SHOWN

WKOE11P01-SE-D50

SHEET NUMBER | REVISION: 0

SIZE GROOTTE A0L