

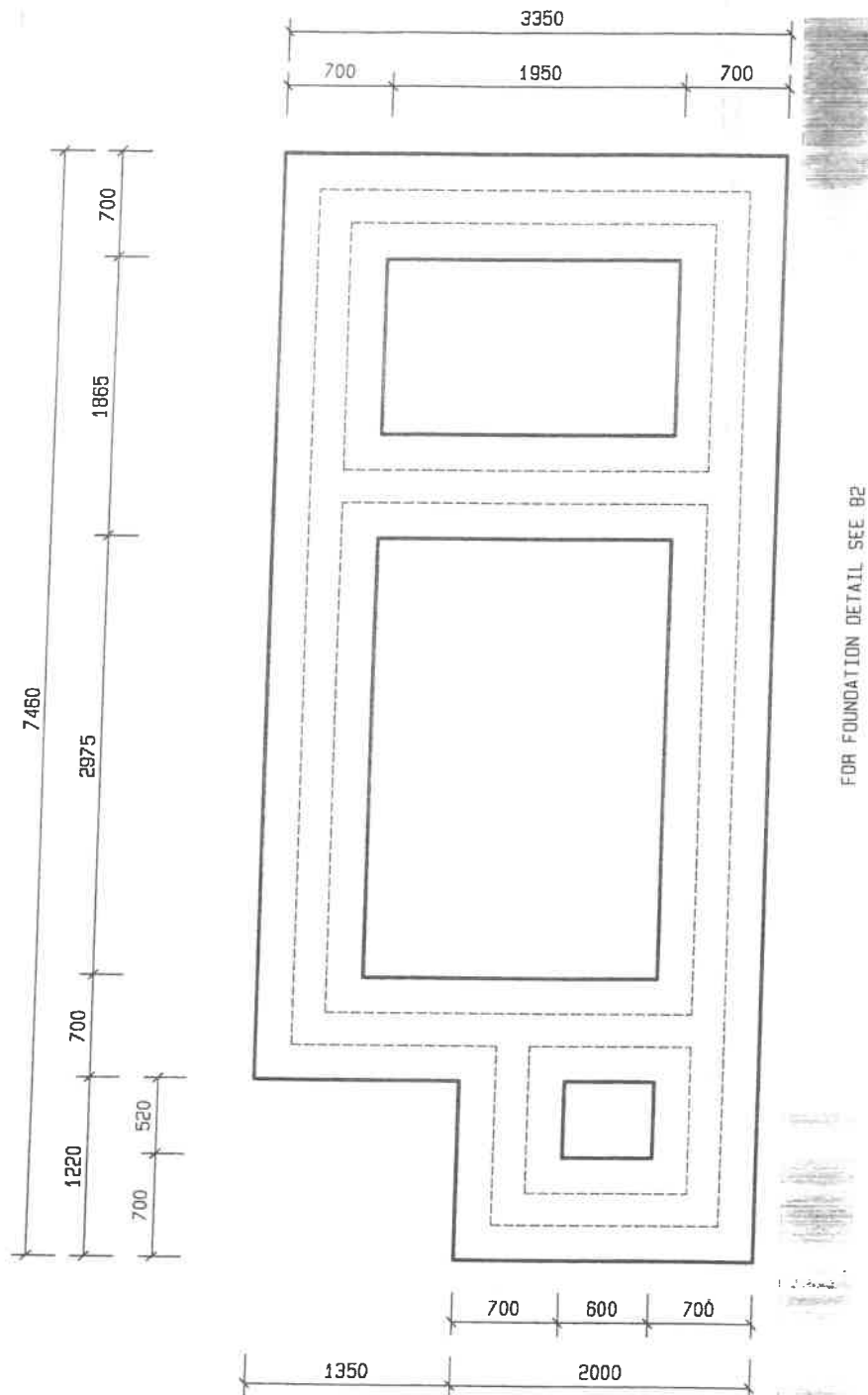
MODULE

PIT 5³

FIVE SEAT DRY PIT TOILET BLOCK



MINISTRY OF WORKS,
TRANSPORT & COMMUNICATION



FOR COLLAPSING SOIL AND CLAY
CONDITIONS REFER TO DETAIL B 41

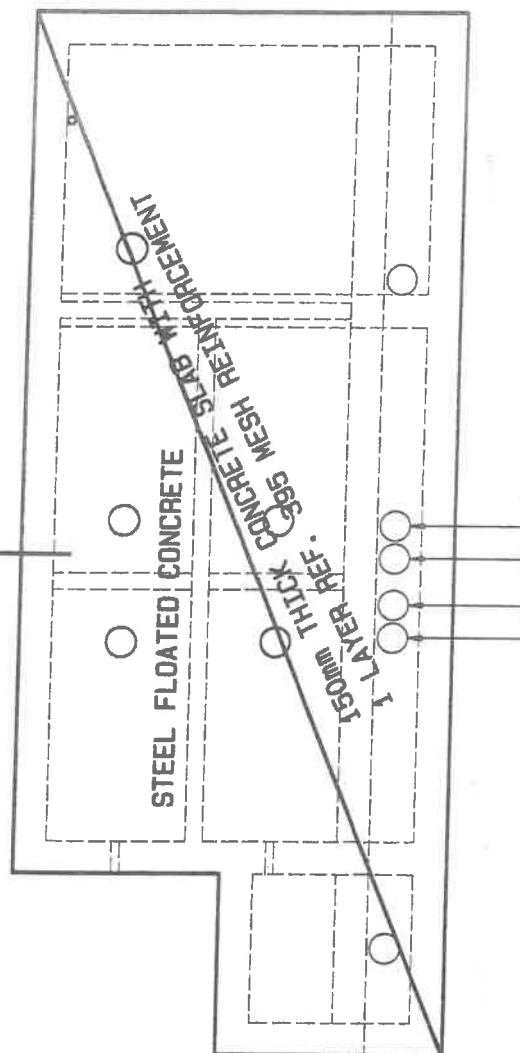
FOUNDATION LAYOUT

Scale 1:50

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF GOVERNMENT OF NAMIBIA
1:50	AUG03	ESAD	JAN08		PIT5 2008	PIT5 02	PROJECT CONSULTANT
5 SEAT DRY PIT TOILET BLOCK FOUNDATION LAYOUT							
USER: MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE						TÉL :	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION

PLEASE NOTE: THE CENTRE DIMENSIONS ARE FOR INDICATION ONLY AND WERE BASED ON THE ATLAS PLASTICS TYPE V.I.P. POTS. THE CONTRACTOR MUST ENSURE THAT THE OPENINGS TO BE CAST INTO THE SLAB SUITS THE TYPE APPROVED POT HE/SHE IS GOING TO USE AND THAT THE POT IS FLUSH TO THE WALL.

B20



200mm Ø 1,2mm THICK GALVANISED METAL VENT PIPE CAST INTO THE SLAB AND SECURED TO WALL WITH STANDARD BRACKETS @ 1000mm C/C AND PAINTED WITH UNIVERSAL UNDERCOAT AND TWO COATS BLACK ENAMEL PAINT.

PLAN OF R.C. SLAB

Scale 1:50

SCALE	DATE	DRAWN	REVISIONS
1:50	AUG03	ESAD	JAN08

5 SEAT DRY PIT TOILET BLOCK
PLAN OF R.C. SLAB

USER MINISTRY
MINISTRY OF BASIC EDUCATION, SPORT & CULTURE

PROJECT
NUMBER

MODULE

PIT5
2008

DRAWING
NUMBER

PIT5
03

PROPERTY OF
GOVERNMENT OF NAMIBIA
PROJECT CONSULTANT

TEL :

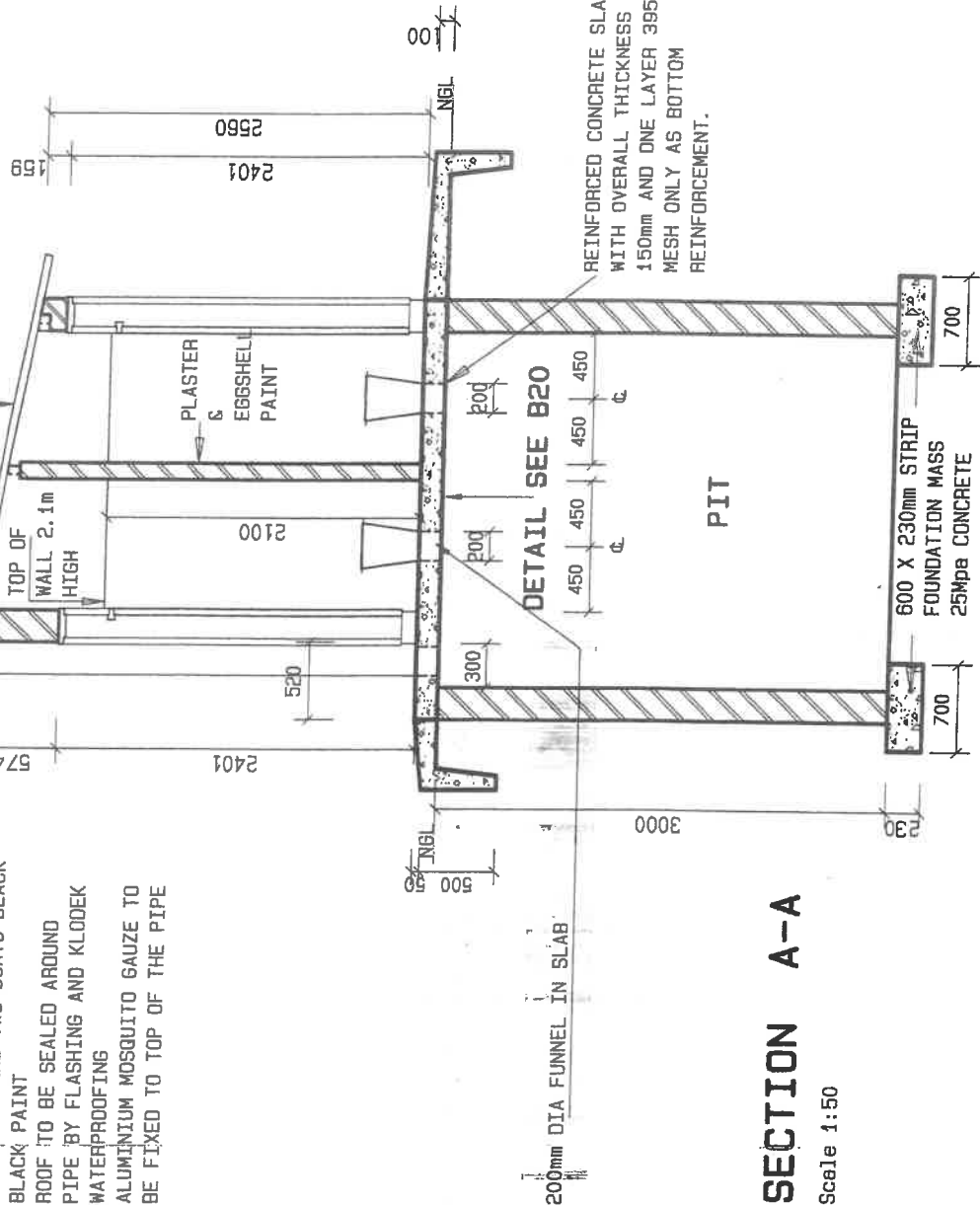


MINISTRY OF WORKS
TRANSPORT & COMMUNICATION

0.5mm GALVANISED KLIPLOK ROOF SHEETING (OR SIMILAR APPROVED ROOF SHEETING WITH CONCEALED FIXING) FIXED AT 10 DEG PITCH ON TOP OF 75X50X20X2.5mm LIPPED CHANNEL RAFTERS. RAFTERS TO BE SECURED TO THE WALL BY 2.5mm GALVANISED HOOP IRON CAST IN THE WALL.

VENT COWL

Ø 1.2mm THICK GALVANISED METAL VENT PIPE CAST INTO SLAB AND SECURED TO THE WALL BY STANDARD BRACKETS @ 1000mm C/C & PAINTED WITH UNIVERSAL UNDERCOAT AND TWO COATS BLACK BLACK PAINT
ROOF TO BE SEALED AROUND PIPE BY FLASHING AND KLODEK WATERPROOFING
ALUMINIUM MOSQUITO GAUZE TO BE FIXED TO TOP OF THE PIPE

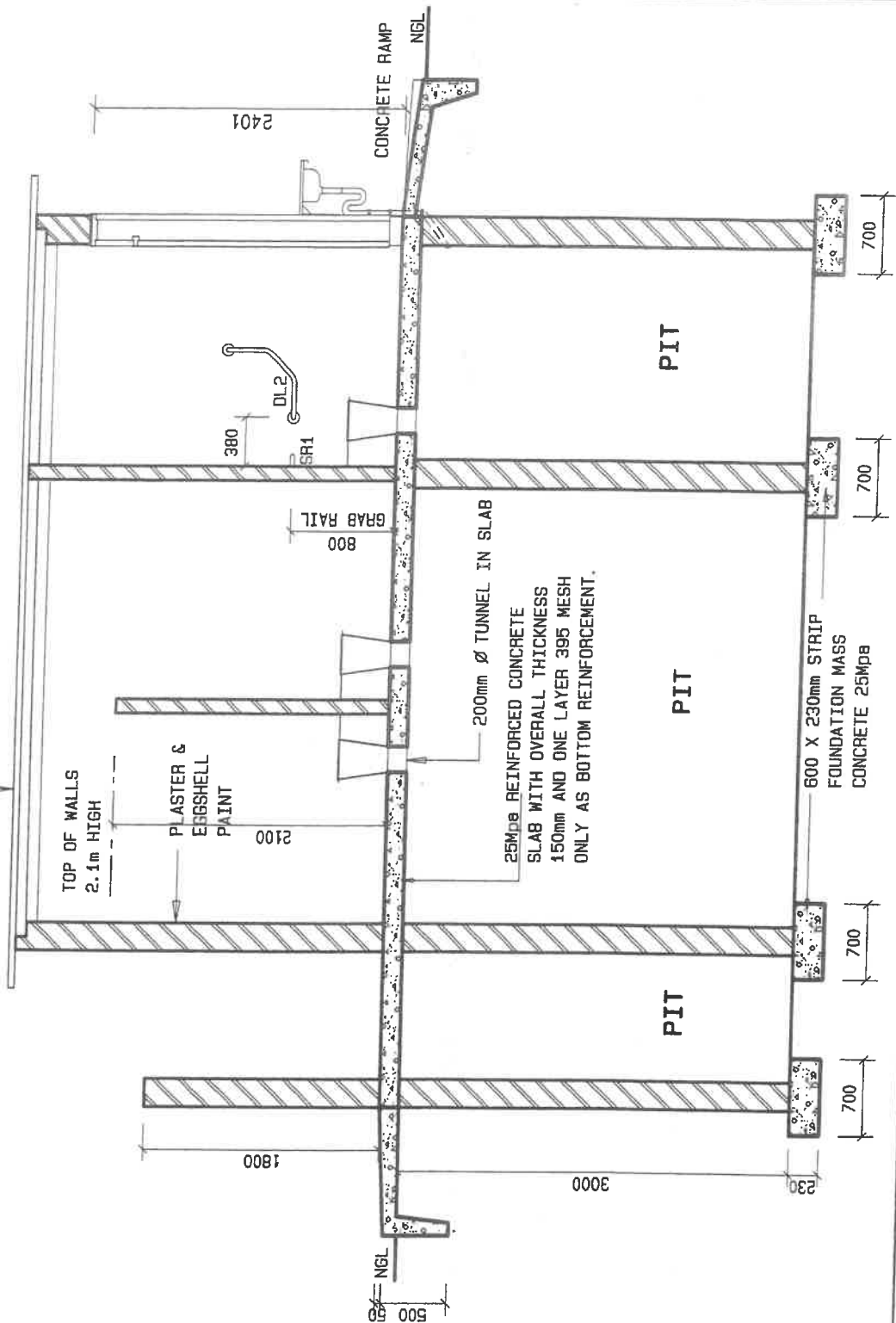


SECTION A-A

Scale 1:50

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF GOVERNMENT OF NAMIBIA
1:50	AUG03	ESAD	JAN08		PIT5	PIT5	PROJECT CONSULTANT
5 SEAT DRY PIT TOILET BLOCK SECTION A-A					2008	04	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE							 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION

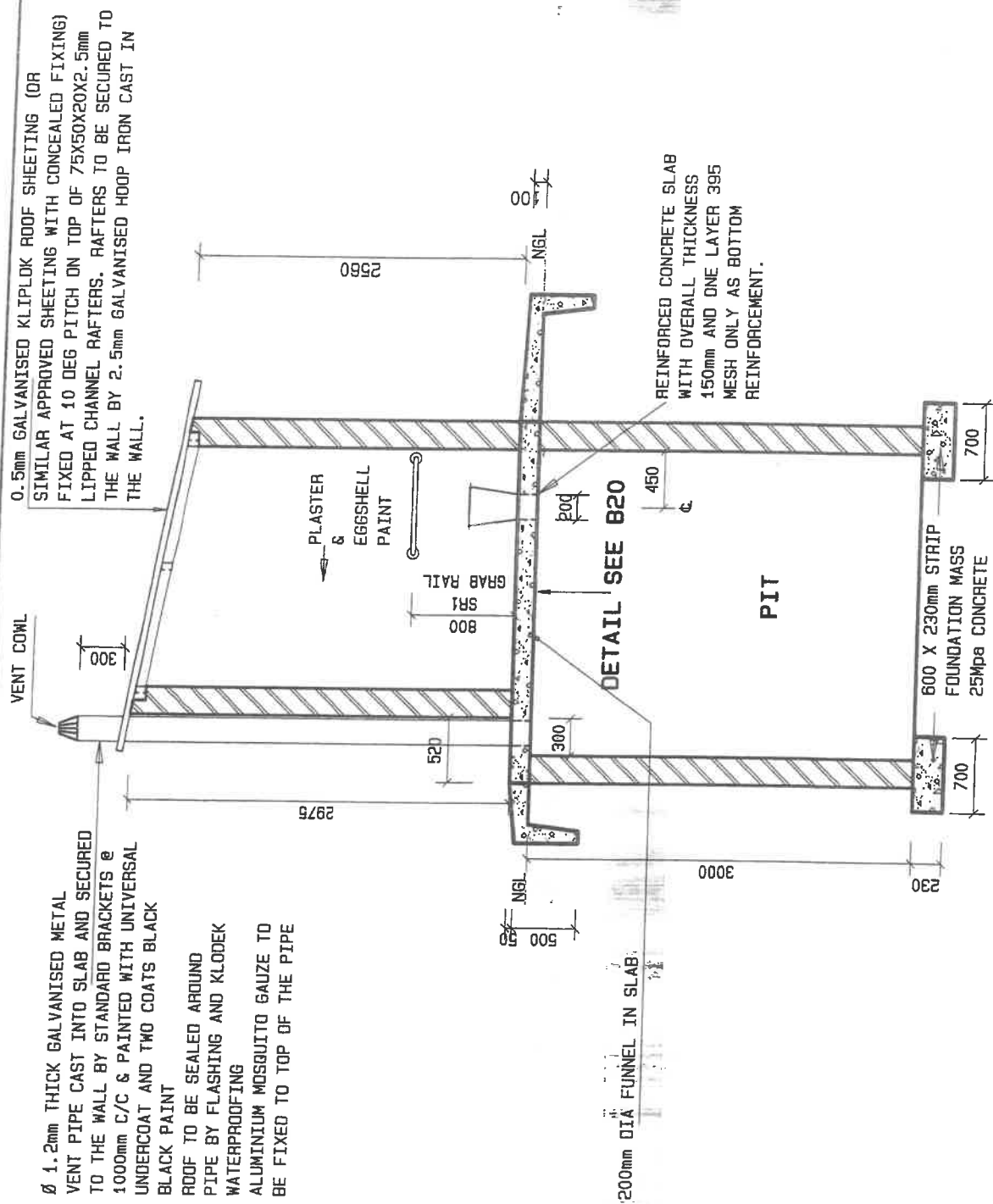
0.5mm GALVANISED KLIPLOK ROOF SHEETING (OR SIMILAR APPROVED SHEETING WITH CONCEALED FIXING) FIXED AT 10 DEG PITCH ON TOP OF 75X50X20X2.5mm LIPPED CHANNEL RAFTERS. RAFTERS TO BE SECURED TO THE WALL BY 2.5mm GALVANISED HOOP IRON CAST IN THE WALL.



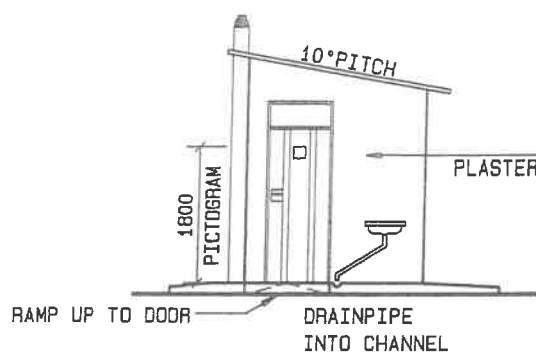
SECTION B - B

Scale 1:50

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF GOVERNMENT OF NAMIBIA	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION
1:50	AUG03	ESAD	JAN08		PIT5	PIT5	PROJECT CONSULTANT	
5 SEAT DRY PIT TOILET BLOCK SECTION B-B					2008	05	TEL :	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE								

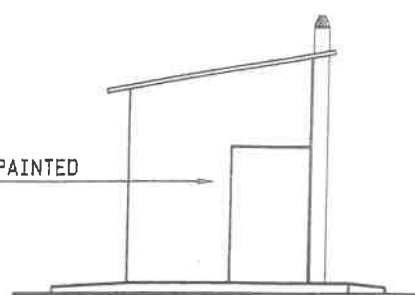


SCALE	DATE	DRAWN	REVISIONS	PROJECT	MODULE	DRAWING	PROPERTY OF	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION
1:50	AUG03	ESAD	JAN08	NUMBER		NUMBER	GOVERNMENT OF NAMIBIA	
5 SEAT DRY PIT TOILET BLOCK SECTION C-C					PIT5	PIT5	PROJECT CONSULTANT	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008	06	EL :	



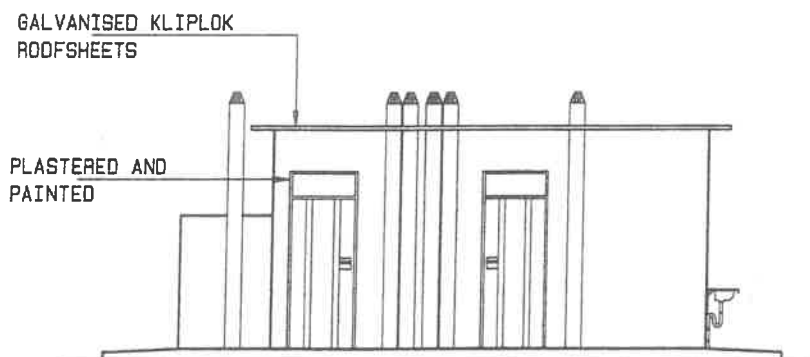
ELEVATION A

Scale 1:100



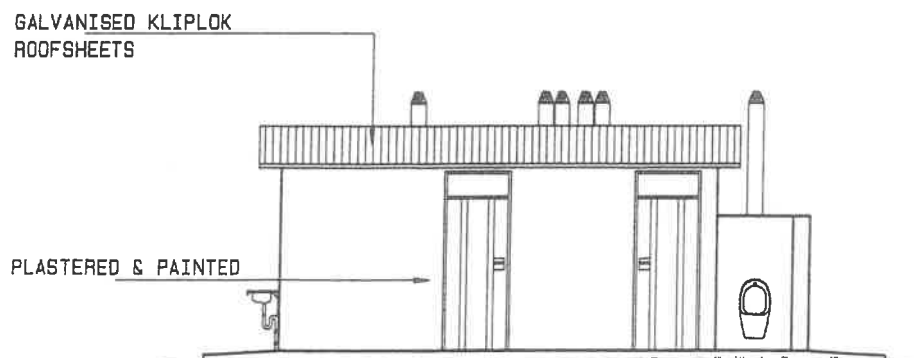
ELEVATION D

Scale 1:100



ELEVATION B

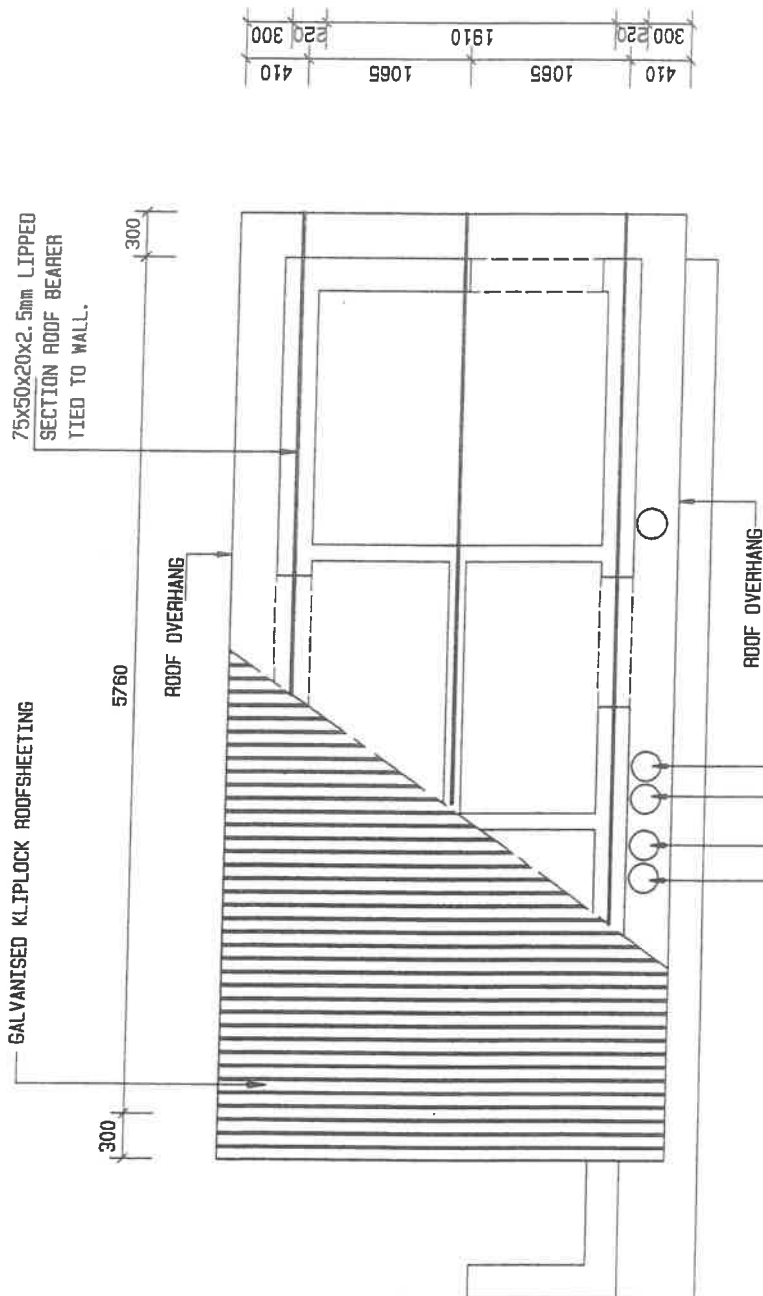
Scale 1:100



ELEVATION C

Scale 1:100

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION
1:50	AUG03	ESAD	JAN08				GOVERNMENT OF NAMIBIA	
5 SEAT DRY PIT TOILET BLOCK ELEVATIONS					PIT5	PIT5	PROJECT CONSULTANT	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008	07	TEL :	

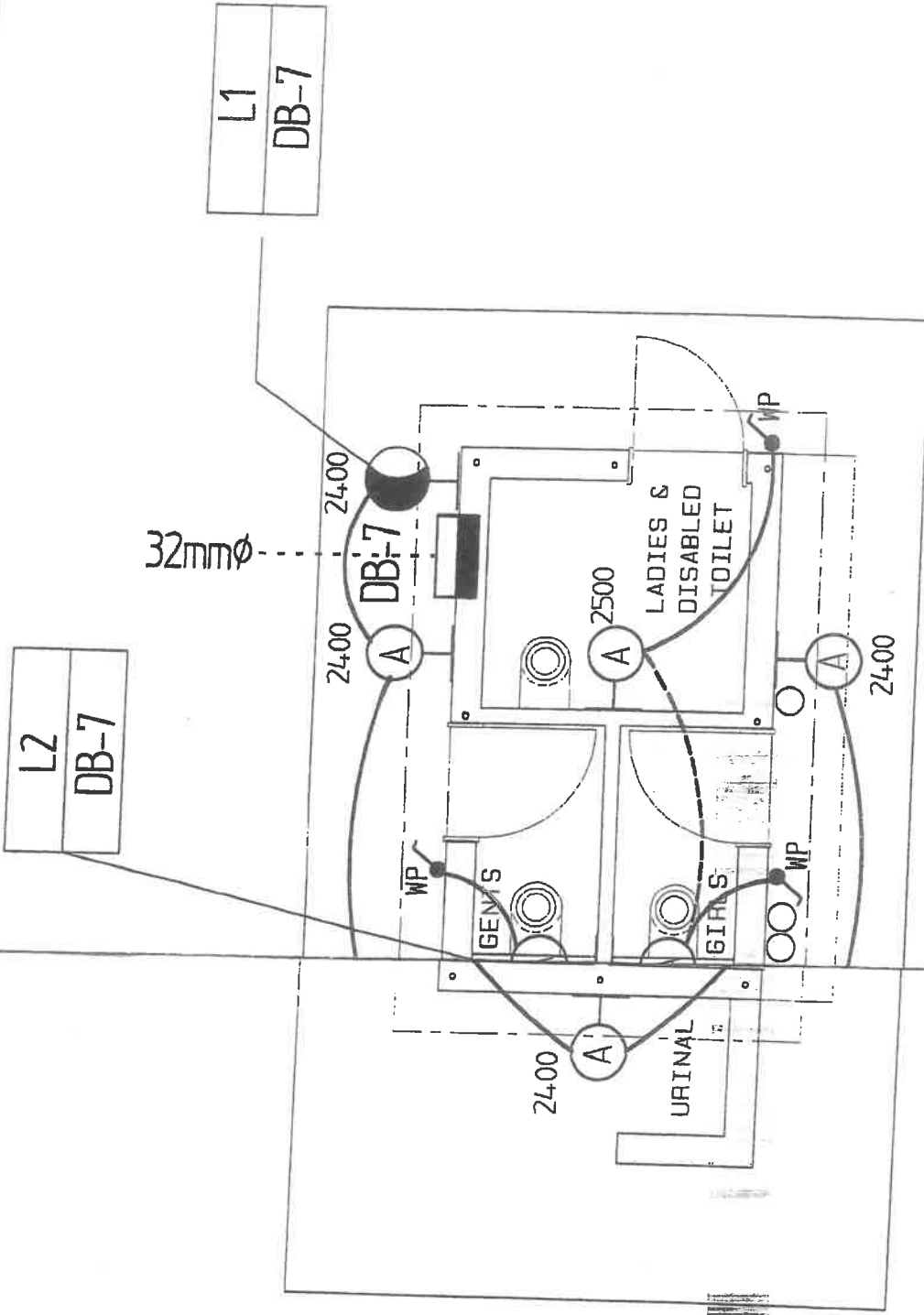


200mm $\varnothing$ 1.2mm THICK GALVANISED
METAL VENT PIPE CAST INTO THE
SLAB AND SECURED TO WALL WITH
STANDARD BRACKETS @ 1000mm C/C
AND PAINTED WITH UNIVERSAL
UNDERCOAT AND TWO COATS
BLACK ENAMEL PAINT.

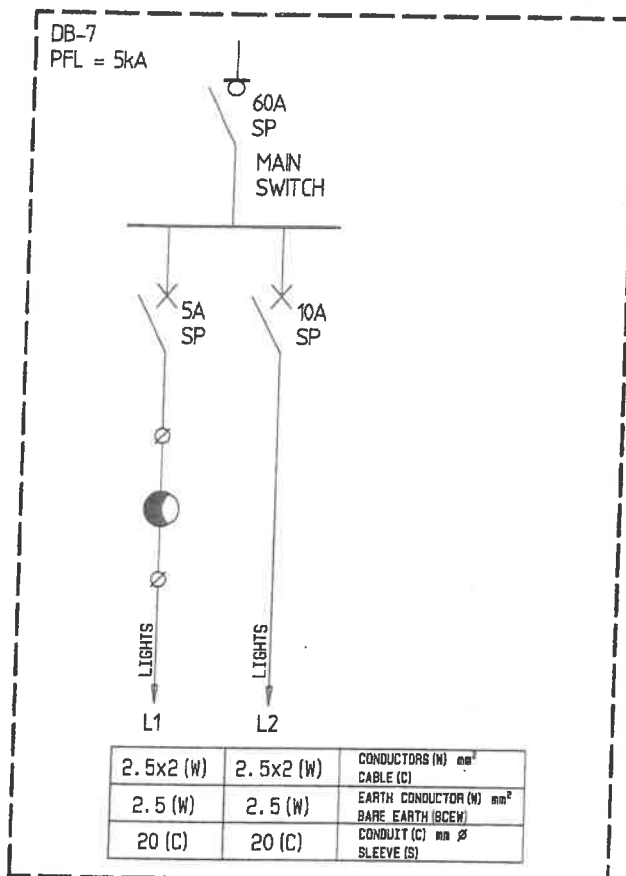
ROOF LAYOUT

Scale 1:50

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF GOVERNMENT OF NAMIBIA	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION
1:50	AUG03	ESAD	JAN08		PIT5 2008	PIT5 08	PROJECT CONSULTANT	
5 SEAT DRY PIT TOILET BLOCK ROOF LAYOUT USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE						TEL :		



SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF	 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION
1:50	AUG03	ESAD	JAN08				GOVERNMENT OF NAMIBIA	
5 SEAT DRY PIT TOILET BLOCK LIGHTING LAYOUT					PIT5 2008	PIT5 09	PROJECT CONSULTANT	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE							TEL :	



SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF
N.T.S.	AUG03	ESAD			PIT5	PIT5	GOVERNMENT OF NAMIBIA
5 SEAT DRY PIT TOILET BLOCK					2008	10	PROJECT CONSULTANT
USER MINISTRY							MINISTRY OF WORKS
MINISTRY OF BASIC EDUCATION, SPORT & CULTURE							TRANSPORT & COMMUNICATION



MINISTRY OF WORKS
TRANSPORT & COMMUNICATION

TEL :

LIST OF DETAILS

CONSTRUCTION B 1
 DETAILS: B 2
 B 3
 B 4
 B 5
 B33
 B41

DOORS: D10
 D11

ELECTRICAL: E01
 E02

SANITARY: S 5
 S 7
 S12

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF GOVERNMENT OF NAMIBIA	 MINISTRY OF WORKS TRANSPORT & COMMUNICATION
N/A	AUG03	ESAD	JAN08		PIT5	PIT 5	PROJECT CONSULTANT	
5 SEAT DRY PIT TOILET BLOCK LIST OF DETAILS					2008	14	TEL :	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE								

ROOF PITCH AT 15 DEG.
0.5mm GALVANISED KLIPLOK ROOFSHEETS (OR SIMILAR APPROVED SHEETING WITH CONCEALED FIXING)
ROOFSHEETS TO BE FIXED WITH K85 CLIPS TO PURLINS
STANDARD GALV. HALF-ROUND RIDGE CAPPING WITH POLYCLOSURES
(3x) 230x190mm CEMENT AIR BRICK EITHER SIDE
ALL EXPOSED STEELWORK TO BE PREPARED AND PAINTED

75x50x20x2.5mm LIPPED CHANNEL PURLING
AT CENTRES AS INDICATED

50x50x5mm ANGLE IRON SUPPORT
FIXED TO BASEPLATE

POLYCLOSURES

+2.700

0.5mm IOR PROFILED ALU SINC
CEILING BOLTED TO PURLING WITH BUTTER BOLTS AT MAX. 250mm C/C
(CEILING TO BE PAINTED)

+2.100

SECTION - TRUSS TYPE A Scale 1:50

100 x 50 x 20 x 2mm LIPPED CHANNEL
BOLTED TO CLEAT (NO WELDS WILL
BE ALLOWED)

75 x 75 x 5 L-SECT CLEAT 50mm LONG
WELDED TO RAFTER

50 x 50 x 5 L-SECT. RAFTER

DETAIL 1 Scale 1:10

NOTE:

- 1 - TRUSSES MUST BE PROPERLY PRIMED BEFORE ERECTING.
- 2 - PURLING OR BRACKERS WILL ONLY BE BOLTED (NO WELDS BE ALLOWED)
- 3 - PURLING & TOP MEMBER OF TRUSSES MUST BE WRAPPED IN PLASTIC WHERE BUILT-IN WALL SEE DETAIL 3 & 4
- 4 - PURLING TO BE WELDED CLOSED AT GABLE WALLS

50 x 50 x 5 L-SECT BOTTOM CORD
50 x 50 x 5 L-SECT CLEAT 50mm LONG
WELDED TO BOTTOM CORD
75 x 50 x 20 x 2.5mm LIPPED CHANNEL
BOLTED TO CLEAT (NO WELD WILL
BE ALLOWED)

DETAIL 2 Scale 1:10

100x50x20x2mm LIPPED CHANNEL PURLING
50x50x5mm ANGLE IRON OUTER TOP MEMBERS
40x40x5mm ANGLE IRON INNER MEMBERS
50x50x5mm ANGLE IRON BOTTOM MEMBERS
"SISALATION 400" LAID TAUT OVER PURLING
ON GALVANISED STEEL STRAINING WIRES

NOTE:
NO GUTTERS, DOWNPIPES, FASCIAS OR BARGE-
BOARDS TO BE SUPPLIED

STEEL TRUSSES TO BE FITTED TO
CONCRETE POCKET.

POLYCLOSURES

FIVE LAYERS
BRICKFORCE
PRECAST LINTOL

DETAIL 2

C/C

B4



BLACK PLASTIC
SHEET

PURLIN

SAND/CEMENT MIX TO
FILL GAP BETWEEN
BRICKWORK & OPEN
END PURLIN

DETAIL 3 AT GABLE WALL Scale 1:10

TOP MEMBER OF
TRUSS WRAP IN
BLACK PLASTIC
SHEET

DETAIL 4 AT EAVE Scale 1:10

SCALE	DATE	DRAWN	REVISIONS
1:50/10	AUG03	ESAD	NOV07
SECTION THROUGH TRUSS TYPE A			
USER: MINISTRY OF BASIC EDUCATION, SPORT & CULTURE			

PROJECT
NUMBER

MODULE

DRAWING
NUMBER

PROPERTY OF
GOVERNMENT OF NAMIBIA
PROJECT CONSULTANT

CONSTR.
DETAILS
2008

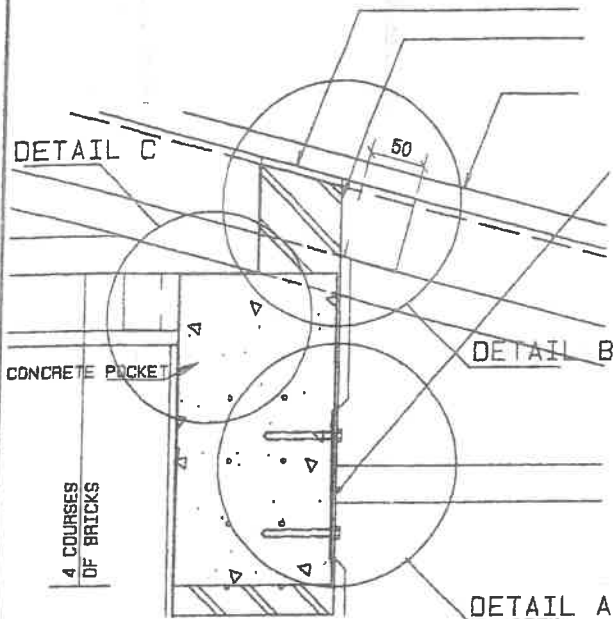
B1

TEL :



MINISTRY OF WORKS,
TRANSPORT & COMMUNICATION

DETAIL C



SECTION THROUGH BACK & FRONT WALL

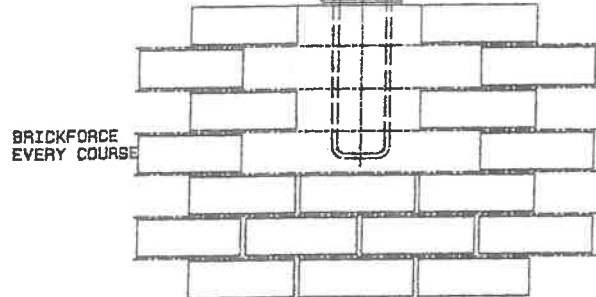
ROOFSHEETING TO BE OILED WHERE WALL AND SHEETS TOUCHES (PREVENTS STICKING & CRACKING)
POLYCLOSURES TO EAVES

0.5mm GALVANISED KLIPLOK ROOFSHEETS
FIXED TO 100x50x20x2mm LIPPED CHANNEL PURLINS
FIXED TO 50x50x5mm ANGLE IRON TRUSSES AT @3600mm c/c
ROOFSHEETS TO BE BOLTED AT MAX. 250mm C/C TO PURLINS

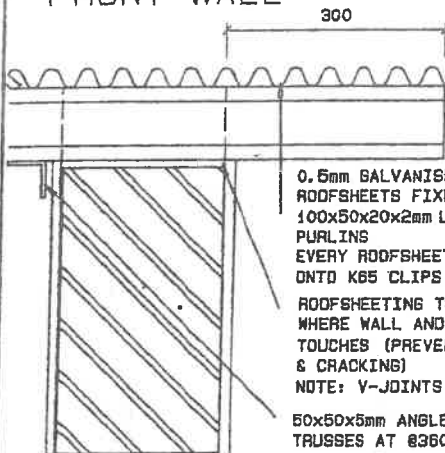
50x50x5mm ANGLE IRON TIE BEAM WELDED TO
200x200x6mm BASEPLATE. BASEPLATE TO BE
RAWLBOLTED TO WALL WITH 4x M8 RAWLBOLTS

SINGLE LAYER DPC
BETWEEN BASEPLATE
AND CONC. POCKET

CENTRE LINE TO TRUSSES
TRUSSES TO BE LAID ON
CONCRETE POCKET

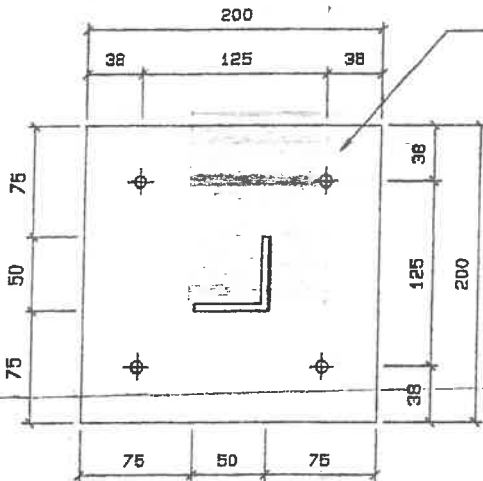
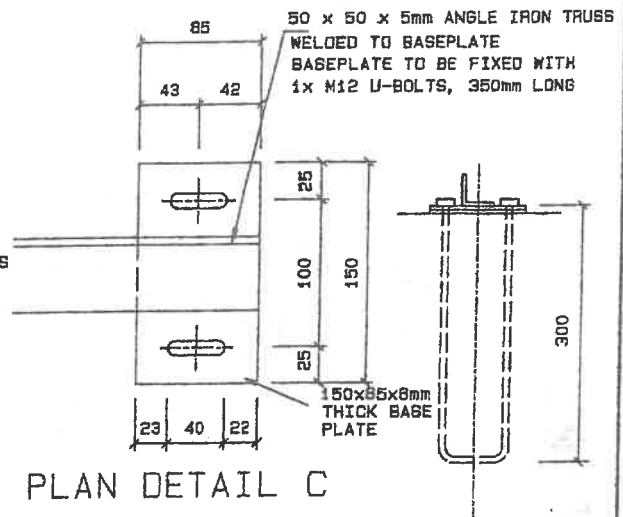


ELEVATION DETAIL C

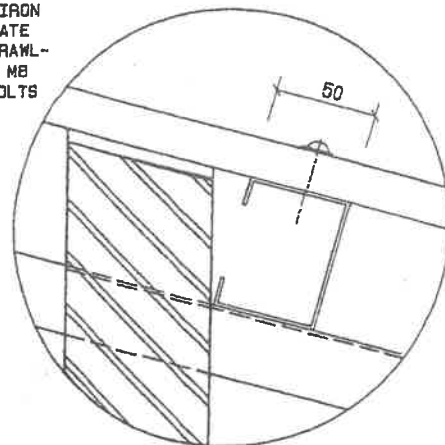


0.5mm GALVANISED KLIPLOK
ROOFSHEETS FIXED TO
100x50x20x2mm LIPPED CHANNEL
PURLINS
EVERY ROOFSHEET TO BE CLIPPED
ONTO K85 CLIPS FASTENED TO PURLINS
ROOFSHEETING TO BE OILED
WHERE WALL AND SHEETS
TOUCHES (PREVENT STICKING
& CRACKING)
NOTE: V-JOINTS AT PITCH
50x50x5mm ANGLE IRON
TRUSSES AT @3600mm c/c

SECTION THROUGH GABLE END PLAN DETAIL C



50x50x5mm ANGLE IRON
WELDED TO BASEPLATE
BASEPLATE TO BE RAWL-
BOLTED WITH (4x) M8
100mm LONG RAWLBOLTS



DETAIL A

DETAIL B

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF
1:5/10	AUG03	ESAD	NOV07		CONSTR.	B4	GOVERNMENT OF NAMIBIA
DETAIL SECTIONS THROUGH PITCH ROOF					2008		PROJECT CONSULTANT
USER: MINISTRY OF BASIC EDUCATION, SPORT & CULTURE						TEL :	MINISTRY OF WORKS TRANSPORT & COMMUNICATION

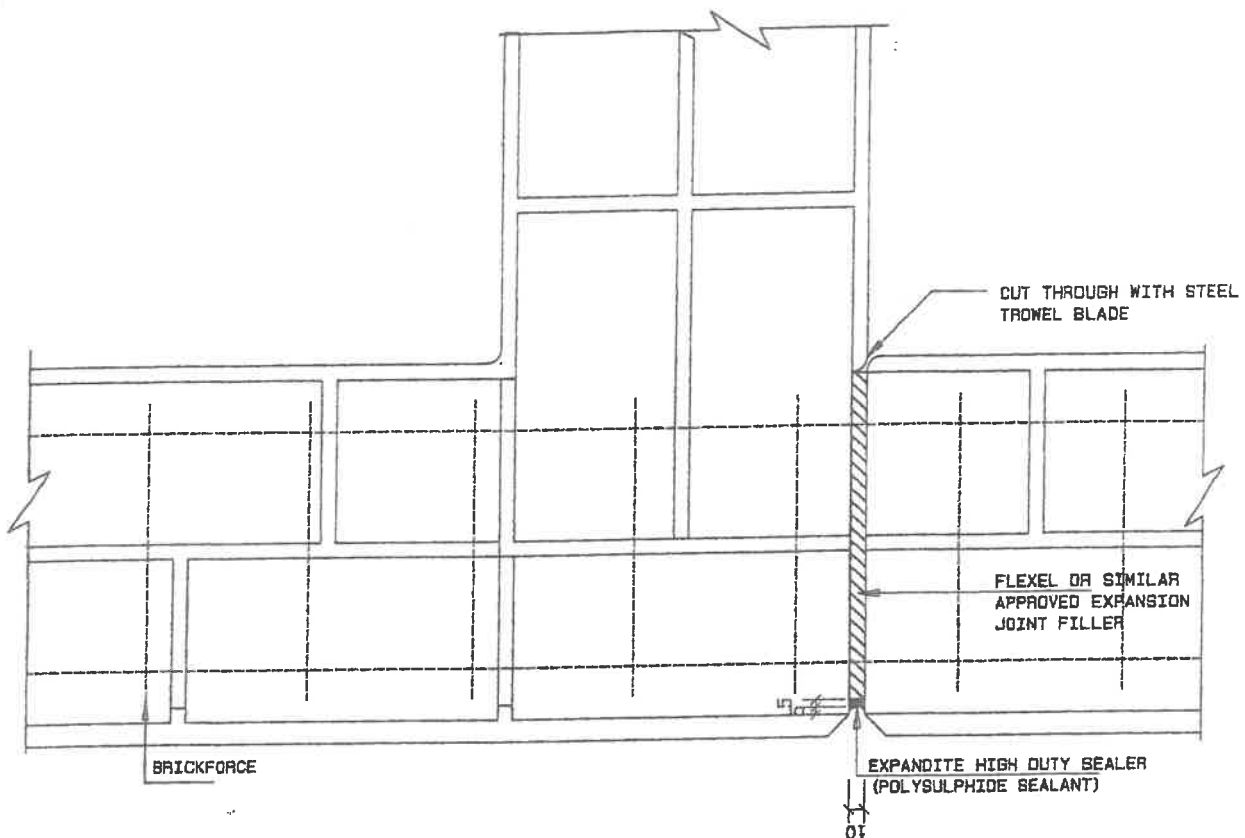
GENERAL PAINT SPECIFICATION

1. PAINT SPECIFICATION FOR INTERNAL PLASTERED WALLS, PRIMER & 2 COATS DOUBLE VELVET PAINT TO ALL INTERNAL WALLS OF CLASS ROOMS, OFFICES, STORES, CORRIDOR, BEDROOMS, ETC. THE PAINT SPECIFICATION MUST COMPLY WITH SABS REQUIREMENTS AND APPLIED ACCORDING TO MANUFACTURER'S SPECIFICATION.
ALL SHOWERS TO BE TILED TO CEILING HEIGHT WITH STANDARD 200x200 WHITE CERAMIC TILES.
2. WHERE SKIRTING SPECIFIED PAINTED ON PLASTERED WALL, PAINT MUST BE HIGH GLOSS ENAMEL.
3. ALL STEEL DOOR FRAME, CHAWL DOORLEAF AND WINDOW FRAMES MUST BE FACTORY PRIMED AND FINISHED WITH UNDER COAT AND TWO COATS HIGH GLOSS ENAMEL PAINT.
4. PAINT TO ALUZINC CEILING, ACRYLIC PVA WHITE, 2 COATS (PRIOR TO PAINT, CEILING MUST BE CLEANED WITH GALVANISED ROOF CLEANER)
5. ALL TRUSSES AND PURLINS AND EXPOSED STEELWORK MUST BE PRIMED WITH METAL PRIMER AND FINISHED WITH TWO COATS HIGH GLOSS ENAMEL.
6. EXTERNAL PAINT TO CONSIST OF PRIMER AND TWO COATS OF EXTERIOR QUALITY PVA AND APPLIED ACCORDING TO MANUFACTURER'S INSTRUCTION. ALL COLOURS MUST BE APPROVED BY PROJECT MANAGER OR REPRESENTATIVE OF THE CLIENT.

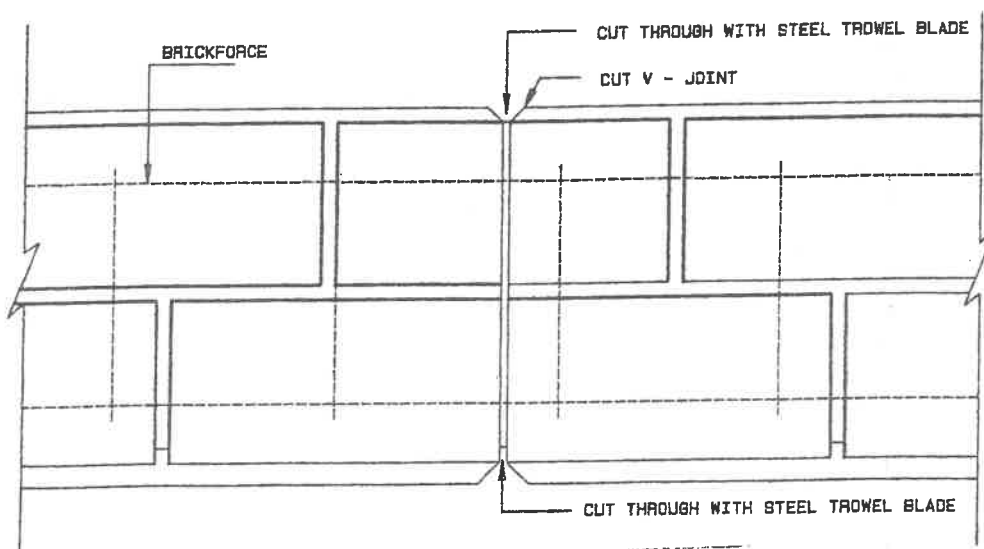
SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODIFIED	DRAWING NUMBER	PROPERTY OF
N/A	SEPT03	ESAD	NOV07				GOVERNMENT OF NAMIBIA
PAINT SPECIFICATION					CONSTR. DETAILS	833	PROJECT CONSULTANT
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008		TEL :



MINISTRY OF WORKS,
TRANSPORT & COMMUNICATION



PLAN - EXPANSION JOINT



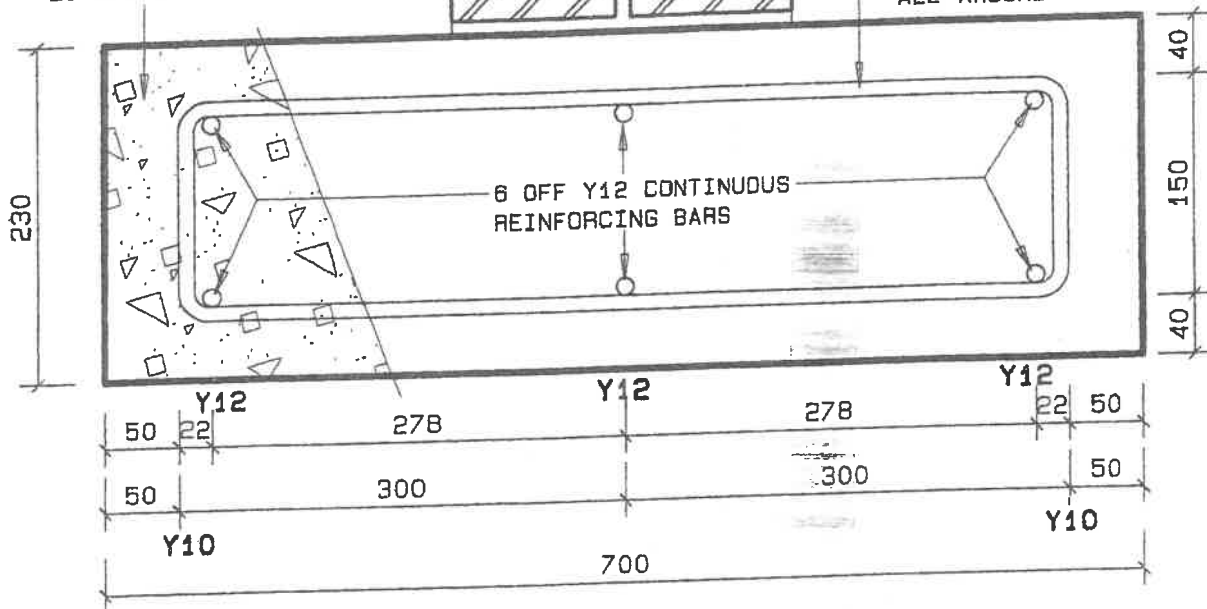
PLAN - BUTT JOINT

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF	 MINISTRY OF WORKS TRANSPORT & COMMUNICATION
1:5	AUG03	ESAD	NOV07				GOVERNMENT OF NAMIBIA	
TYPICAL EXPANSION AND BUTT JOINT					CONSTR. DETAILS	85	PROJECT CONSULTANT	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008		TEL :	

FOUNDATION
BRICKWORK TO
DETAIL ELSEWHERE

CONCRETE TO BE MIN.
25 MPA STRENGTH

Y10 REINFORCING BARS
AT 500mm INTERVALS
ALL AROUND



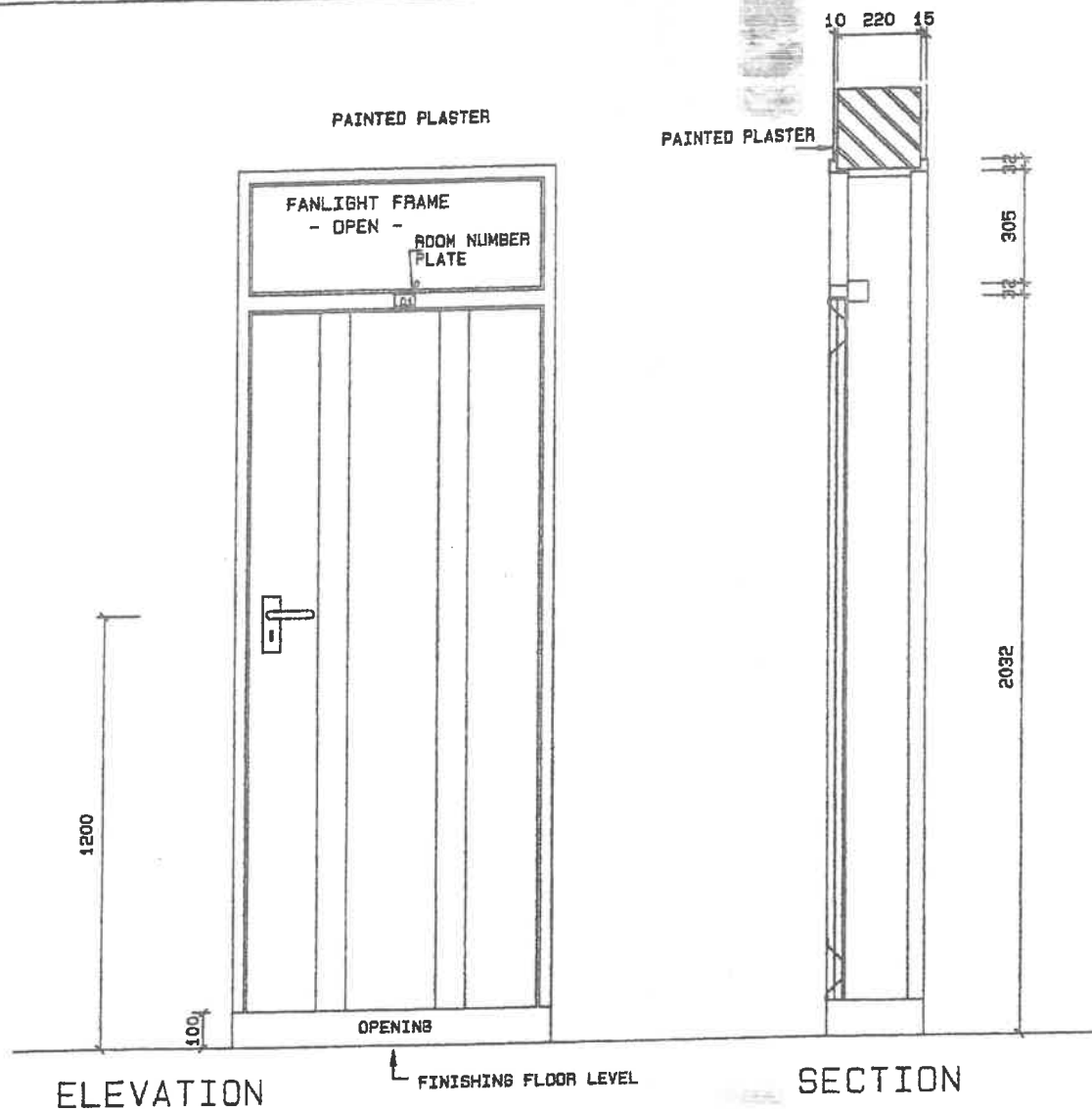
SCALE	DATE	DRAWN	REVISIONS
1:5	SEP03	ESAD	
FOUNDATION REINFORCING DETAIL - B41			
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE			

PROJECT NUMBER	MODIFY	DRAWING NUMBER
	CONSTR. DETAILS 2008	B41

PROPERTY OF GOVERNMENT OF NAMIBIA
PROJECT CONSULTANT
TEL



MINISTRY OF WORKS,
TRANSPORT & COMMUNICATION



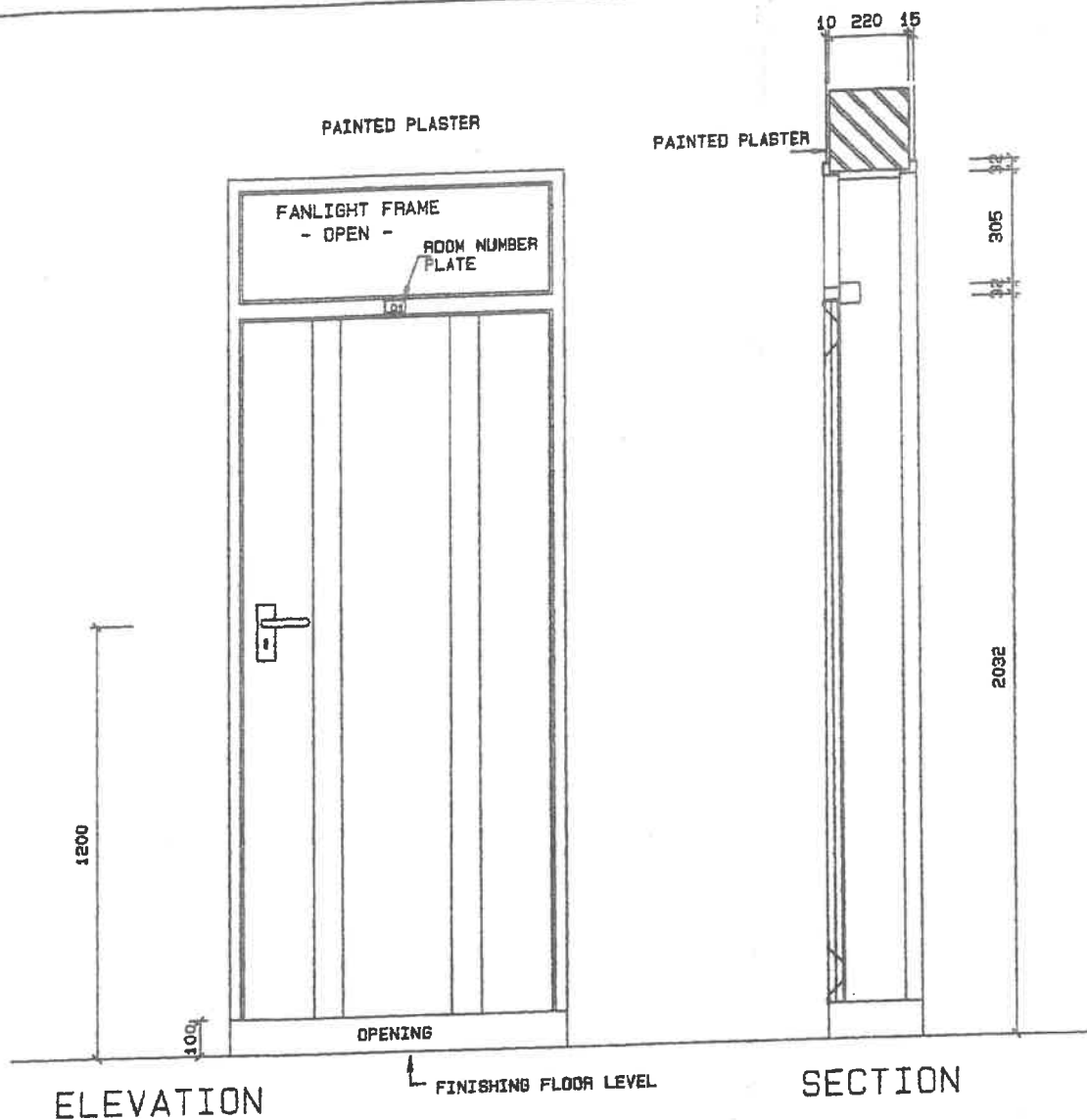
ELEVATION

SECTION

PLAN

NOTE: LOCK TO BE FITTED WITH
PATTERN SCREWS

CATALOGUE NO.	WISPECO CHAWL DOOR WITH FANLIGHT OPENING	CILL	N.A
ACTION/NO. REQD	SIDE HUNG WITH THREE HINGES / SEE KEY-PLANS	LINTOLS	5 LAYER BRICKFORCE
FRAME/GLAZ. REQD	1.2mm MILD STEEL FRAME	HANDLES	SOLID BLESBOK ART 480
GLAZING	N/A	LOCK SETS	'SOLID' 4 LEVER ART 313 LOCKSET
SCREEN	N/A	HINGES/STOPS	STD HINGES/BLACK RUBBER DOOR STOP FIXED TO FLOOR
SOLID	SINGLE PANEL CHAWL DOOR	OTHER	ROOM NO. ABOVE DOOR - 20mm HIGH TYPE HELVETICA
FIXTURE	BUILT IN	FINISH	HIGH-GLD85 ENAMEL
SCALE	DATE	DRAWN	REVISIONS
1:20	SEPT03	ESAD	FEB08
PROJECT NUMBER		MODU E	DRAWING NUMBER
SINGLE PANEL CHAWL DOOR & FRAME 813 X 2401 TO SUIT 220MM WALL		DOORS 2008	D10
USER: MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE		PROPERTY OF GOVERNMENT OF NAMIBIA PROJECT CONSULTANT TEL: [REDACTED]	
		 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION	



NOTE: LOCK TO BE FITTED WITH
PATTERN SCREWS

CATALOGUE NO.	WISPECO CHAWL DOOR WITH FANLIGHT OPENING	CILL	N. A
ACTION/NO. REQD	SIDE HUNG WITH THREE HINGES / SEE KEY-PLANS	LINTOLS	6 LAYER BRICKFORCE
FRAME/GLAZ. REQD	1.2mm MILD STEEL FRAME	HANDLES	SOLID BLESBOK ART 480
GLAZING	N/A	LOCK SETS	'SOLID' 4 LEVER ART 313 LOCKSET
SCREEN	N/A	HINGES/STOPS	STD HINGES/BLACK RUBBER DOOR STOP FIXED TO FLOOR
SOLID	SINGLE PANEL CHAWL DOOR	OTHER	ROOM Nu. ABOVE DOOR - 20mm HIGH TYPE HELVETICA
FIXTURE	BUILT IN	FINISH	HIGH GLOSS ENAMEL
SCALE 1:20	DATE SEPT03	DRAWN ESAD	REVISIONS FEB08
PROJECT NUMBER			
MODULE			
DRAWING NUMBER			
PROPERTY OF GOVERNMENT OF NAMIBIA			
PROJECT CONSULTANT			
TEL :			
 MINISTRY OF WORKS, TRANSPORT & COMMUNICATION			

SINGLE PANEL CHAWL DOOR & FRAME
864 X 2401 TO SUIT 220MM WALL

USER MINISTRY
MINISTRY OF BASIC EDUCATION, SPORT & CULTURE

DOORS
2008

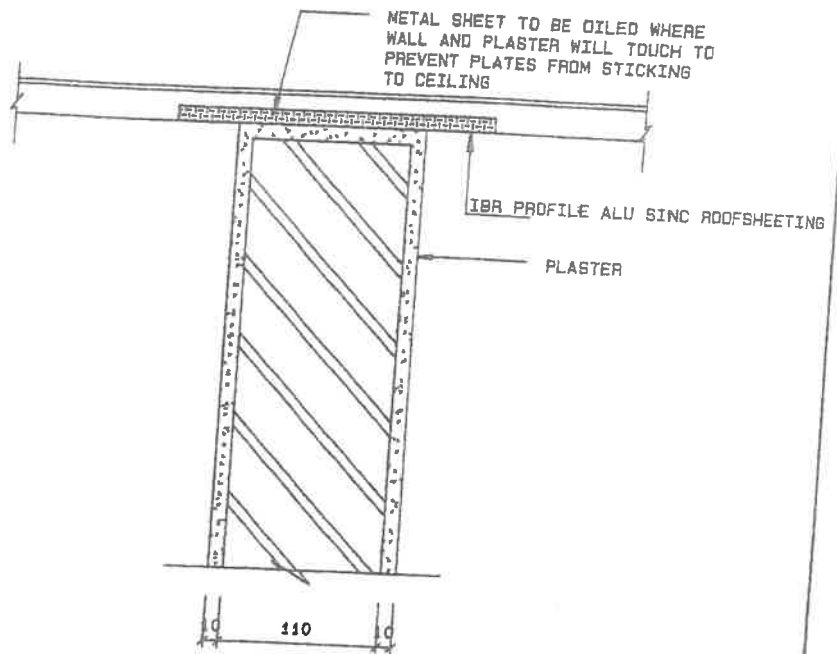
D11

DRAWING SYMBOLS

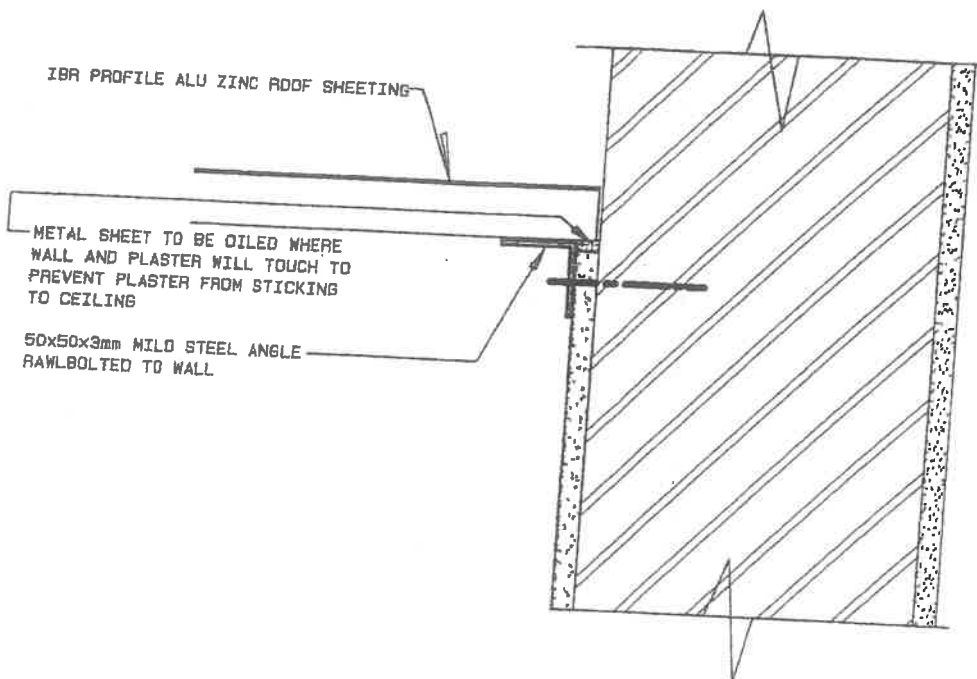
	BULKHEAD LUMINAIRE WITH CLEAR DIFFUSER AND 2xPL9 COOL WHITE LAMPS EQUAL OR SIMILAR APPROVED TO LASCON B10-2PL9
	OPEN CHANNEL SINGLE TUBE FLUORESCENT LUMINAIRE WITH TELESCOPIC LAMPHOLDERS AND 1x58W COOL WHITE LAMP EQUAL OR SIMILAR APPROVED TO LASCON R1-158SS
	OPEN CHANNEL DOUBLE TUBE FLUORESCENT LUMINAIRE WITH TELESCOPIC LAMPHOLDERS AND 2x58W COOL WHITE LAMPS EQUAL OR SIMILAR APPROVED TO LASCON R1-258SS
	MOTORISED SIREN, 230 V WITH AN AUDIBLE DISTANCE OF 1000m
	PILOT LIGHT WITH RED LENS AND 230V 15W PIGMY LAMP
	16A SINGLE LEVER ONE WAY LIGHT SWITCH, WHITE COVER PLATE, 1200mm AFFL
	16A TWO LEVER ONE WAY LIGHT SWITCH, WHITE COVER PLATE, 1200mm AFFL
	16A SINGLE LEVER TWO WAY LIGHT SWITCH, WHITE COVER PLATE, 1200mm AFFL
	16A TWO LEVER TWO WAY LIGHT SWITCH, WHITE COVER PLATE, 1200mm AFFL
	16A SINGLE LEVER BELL PUSH LIGHT SWITCH, WHITE COVER PLATE, 1200mm AFFL
	ELECTRICAL DISTRIBUTION BOARD, FLUSH MOUNTED ARCHITRAVE TYPE WHERE INSTALLED INDOOR AND SEMI-RECESSED WEATHERPROOF TYPE WHERE INSTALLED OUTDOORS. DOORS SHALL BE PADLOCKABLE, COLOUR WHITE
	DAYLIGHT SWITCH, 10A, MOUNTED INSIDE EMPTY B10 BULKHEAD LIGHT FITTING
	CIRCUIT A OF DISTRIBUTION BOARD B
	16A SINGLE SWITCHED SOCKET OUTLET 300mm AFFL (UNDERSIDE) EXCEPT WHERE OTHERWISE INDICATED, COLOUR WHITE
	16A DOUBLE SWITCHED SOCKET OUTLET 300mm AFFL (UNDERSIDE) EXCEPT WHERE OTHERWISE INDICATED, COLOUR WHITE
	LOW VOLTAGE DC TERMINALS WITH 5 A 2.5 kA MCCB 300mm AFFL (UNDERSIDE) EXCEPT WHERE OTHERWISE INDICATED, COLOUR WHITE
	30A DOUBLE POLE ISOLATOR FLUSH MOUNTED 1200mm AFFL (UNDERSIDE) AND 50mm Ø OUTLET BOX 200mm AFFL BEHIND STOVE FOR STOVE CONNECTION, COLOUR WHITE
	25A DOUBLE POLE ISOLATOR WEATHERPROOF IP 56 SURFACE MOUNTED. KNOCKOUT HOLES WHERE CONDUCTORS ENTER AND EXIT THE ISOLATOR MUST BE SEALED WITH SEALANT
	20A DOUBLE POLE CORD GRIP ISOLATOR FLUSH MOUNTED 1200mm AFFL (UNDERSIDE) EXCEPT WHERE OTHERWISE INDICATED, COLOUR WHITE
	EARTHING OF ROOF, 25mm Ø PVC CONDUIT CHASED IN WALL FROM 300mm BELOW NGL TO ROOF, 1.5m x 18mm Ø COPPER PLATED EARTH ROD INSTALLED 300mm BELOW NGL, 50mm² INSULATED COPPER CONDUCTOR BOLTED TO ROOF AND CLAMPED TO EARTH ROD.
	100x100x50mm OUTLET BOX WITH WHITE COVER PLATE
	100x50x50mm OUTLET BOX FOR PRE-PAYMENT METER
	100x100x50mm OUTLET BOX WITH WHITE COVER PLATE 300mm AFFL (UNDERSIDE) AND 20mm Ø PVC CONDUIT TO ROOF SPACE FOR TV ANTENNA CABLE

SCALE	DATE	DRAWN	REVISIONS	PROJECT	MODULE	DRAWING	PROPERTY OF
N. T. S.	JUL03	ESAD		NUMFR		NUMFR	GOVERNMENT OF NANTON
ELECTRICAL LEGEND FOR ALL MODULES - SHEET 1					E	E 01	PROJECT CONSULTANT
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008		TEL : MINISTRY OF WORKS, TRANSPORT & COMMUNICATION

MINISTRY OF WORKS,
TRANSPORT & COMMUNICATION



SECTION Scale 1:5
THROUGH INTERNAL WALLS



SECTION Scale 1:5
THROUGH CABLE END

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF.	 MINISTRY OF WORKS TRANSPORT & COMMUNICATION
1:2/5	AUG03	ESAD	NOV07				GOVERNMENT OF NAMIBIA	
CEILING DETAIL AT WALL INTERSECTIONS					CONSTR. DETAILS	83	PROJECT CONSULTANT	
USER: MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE					2008		TEL :	

DRAWING SYMBOLS

	100 VA, 230V AC TO 12V DC SWITCH MODE RECTIFIER POWER SUPPLY WITH LESS THAN 2.5% REGULATION FAULT AT FULL LOAD, MOUNTED INSIDE PADLOCKABLE VENTILATED SURFACE MOUNTED ENCLOSURE. COLOUR BEIGE
	25mmØ PVC CONDUIT
	32mmØ PVC CONDUIT
	50mmØ PVC SLEEVE
	TELEPHONE DISTRIBUTION BOARD 510x410x110mm FLUSH INSTALLED, COLOUR WHITE
	100x100x50mm OUTLET BOX WITH WHITE COVER PLATE 300mm AFFL (UNDERSIDE) OR AS INDICATED FOR TELEPHONE OUTLET POINT

GENERAL NOTES:

1. THE COMPLETE INSTALLATION SHALL BE FLUSH MOUNTED IN ACCORDANCE WITH THE LATEST "SABS 0142": CODE OF PRACTICE FOR THE WIRING OF PREMISES.
2. ALL CONDUITS IN CEILING VOIDS SHALL BE BLACK MILD STEEL.
3. CONDUITS IN FLOORS TO BE PVC.
4. CONDUIT FROM FLOOR TO ANY OUTLET POINT SHALL BE PVC AND FROM ANY OUTLET POINT TO CEILING SHALL BE BLACK MILD STEEL.
5. NO DRAW BOXES SHALL BE INSTALLED EXCEPT IF APPROVED BY THE ARCHITECT OR CLIENT.
6. ALL SWITCH GEAR TO BE RATED 5 KA.
7. LIGHT FITTINGS TO BE APPROVED BY ARCHITECT OR CLIENT PRIOR TO ORDERING.
8. METAL ROOFS TO BE EARTHED WITH 50mm sq PVC INSULATED COPPER EARTHWIRE IN 25mm CONDUIT BETWEEN CEILING VOID AND 300mm BELOW GROUND LEVEL AND WITH 1.5m LONG COPPER EARTH ELECTRODES AT THE CENTRE OF TWO SHORT SIDES OF THE EXTERNAL BUILDING WALLS. THE JOINT AT THE EARTH SPIKE TO BE PROPERLY PROTECTED AGAINST CORROSION.
9. ALL OUTDOOR LUMINAIRES AND ISOLATORS SHALL BE SEALED WHERE CONDUCTORS ENTER AND EXIT THE ENCLOSURES TO PREVENT THE INGRESS OF INSECTS AND WATER.
10. ALL ITEMS TO BEAR THE SABS MARK IF AN SABS MARK EXISTS FOR THE ITEM CONCERNED.

SCALE	DATE	DRAWN	REVISIONS	PROJECT NUMBER	MODULE	DRAWING NUMBER	PROPERTY OF	 MINISTRY OF WORKS TRANSPORT & COMMUNICATION
N. T. S.	JUL03	ESAD			E	E 02	GOVERNMENT OF NAMIBIA	
ELECTRICAL LEGEND FOR ALL MODULES - SHEET 2					2008		PROJECT CONSULTANT	
USER MINISTRY MINISTRY OF BASIC EDUCATION, SPORT & CULTURE						TEL :		