1 FLOOR CONSTRUCTION

1.9 Surfacebed: reinforced insitu concrete slab with powerfloat finish to engineer details. Construction and expantion joints as per Structural Engineer's details.

2. FLOOR

2.7 **Full Body Porcelain** tiles laid with approved adhesive. Fill 4mm joints with approved grout. Movement joints to match construction joints to a maximum of 9m² with polysulphide fill for soft joint. See Colour Schedule.

3. SKIRTING

3.3 No skirting, with neat junction at wall and floor finishes.

3.4 Tile skirting with cut floor tiles - floor joints to continue through skirting tiles

3.10 Power skirting according to Electrical Engineer, placed over floor finish

4. WALL

4.1 13mm 1:4 cement/sand mix plaster with smooth steel trowel finish. Prepare, remove dust and repair defects to thoroughly dry plaster. Paint Finish: Apply one coat Plascon Plaster primer PP700. Apply two Plascon Professional superior low sheen acrylic finishing coats per manufacturer's spec.

4.3 13mm 1:4 cement/sand mix plaster with smooth wood trowel finish. Apply glazed wall tiles in pattern, floor to ceiling, with 4mm joints onto smooth plaster with approved adhesive. Finish with approved tile grout.

4.14 Splashback to kitchen cupboards:
Apply glazed wall tiles in pattern, ±500mm above counter, with 4mm joints onto wall with approved adhesive. Finish with approved tile grout.

5 CEILING

5.1 Prepare, degrease, remove dust and projections to properly dry rc. slab soffit, and apply two coats plaster finish dressed to steel trowel smooth and even seamless surface. Over Plascon CVI 14 bonding liquid primer, diluted 20% with turpentine, roller apply two coats Plascon Polvin Super Acrylic PVA per manufacturer's spec.

5.10 600 x 600 x 20mm Optima ceiling panels supplied by Armstrong. Suspended in white enamel finished 'T's as Armstrong Prelude XL²/TL 24mm 51 x 25mm Perimeter Trims LM651X as per Gyproc DonnCeil

6 CORNICE

6.4 Gyproc DonnCeil 51 x 25mm Perimeter trims LM651X

6.6 No cornice, but neat junction between wall and soffit

7 WINDOW CILL

7.1 Brick On Edge slanted cill with flush struck mortar joints

7.4 Tiled window cill to match wall tiles

8 SANITARY WARE

8.4 VAAL Daisy basin 7008, single tap hole, bolted to wall with two 10mm bolts (code 8448Z0). Cobra Stella 3294ST mixer with plug and chain on chrome bottle trap.

8.5. VAAL Protea paraplegic low level suite 750246 with double flap seat, flush valve with c-km 9.10 bend and c-km 9.12/19 side lever.

VAAL Daisy basin 7008, 2 tap holes, bolted to the wall with two 10mm bolts (code 8448Z0). Plug and chain on chrome bottle trap.
2 x C.P. lever action pillar taps. Fit B3774 Flush valve grab rail and B3775 angled side rail as per 'Design Hardware' tel. 011-7929900 with 6x75 chemical anchors to tile finished wall

8.6 FRANKE Trendline DEB drop-on sink 1200 x 535mm Product code 312081 on cabinet. Cobra Star 166/041 wall type sink mixer. Plug and chain, 40mm waste white PVC bottle trap.

8.21 450 x 600 high mirror with bevelled and polished edges as per SABS-1236. Fitted centred above whb with top of mirror at 1800mm above floor level with chrome domed capped mirror screws in pvc plugs.

8.31 Lecico Riviera Watersave Push Button CC WC complete with pre-programmed dual flush 4,5/2,6 litres (marilize@lecicosa.co.za)

10. FIXTURES

10.2 Tea Room Cabinet with drop-in sink
TOP: 32mm black granite with 25mmØ bullnose exposed edges
UNIT: 16mm Melamine sides, bottom, shelves & backplate
16mm Melamine doors with filleted edges, colour per architect.
Standard drawers on runners to end module.
Supply 1 pair spring loaded self closing hinges per door
and one secret fixed stainless steel pull handle per door,
3mm aluminium skirting on chipboard.
All to Architects approval - see drawing 0.84 933 S6

10.5 7.5 l instant boiling water dispenser as Kwikot KwikBoil, wall mounted above sink bowl, with underside 250mm above counter top.Connected to single phase as per electr. eng. Cabeling to be chased into walls

11 COLOUR SPECIFICATIONS

WALLS

PAINT
Plascon Inspired Y1-C2-3 Pale Linen to all interior walls unless otherwise specified
EXTERNAL FACEBRICK
Corobrik Firelight Satin
GLAZED TILES
30 X 55cm OPUS IVORY, matt, with WHITE corner strips, supplied by Italtile, finish with WHITE grout
GLAZED TILE SPLACHBACK
10x10cm colour olive green SDM 2794 glazed tile as supplied by INCREDIBLE TILES (tel 012 333 2234),
3mm joints finished with WHITE grout

DOORS

FRAMES
Plascon Inspired Y2-D2-1 Waxen Tint
DOORS
Plascon Inspired Y2-D2-2 Stone Wash

FLOORS

PORCELAIN TILES
60 X 60cm Uptown Lead, supplied by Italtile, finish with DOVE GREY grout

CEILING

LAY-IN-TILES
WHITE TILES laid in WHITE 'T' suspended system ex factory

INTERNAL

KITCHEN CABINETS
Carcas in WHITE, doors and drawer fronts in VANCOUVER MAPLE

ROOF

KLIPLOK 700 ROOF SHEETS
ALOE GREEN
EAVES
Plascon Inspired Y4-C2-3 Afternoon Shower

EXTERNAL

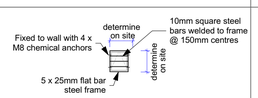
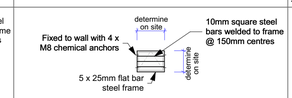
STEEL and ALL PORTAL FRAMES
Plascon Interthane 990 topcoat to match SABS G08 Extra Dark Sea Grey

GENERAL
POWDER COATING
Charcoal VP 7007 Matt
POLYURETHANE JOINT SEALANT
Internal face brick walls: grey
Internal painted walls: beige

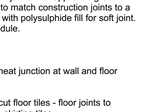
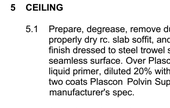
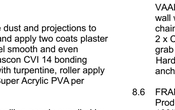
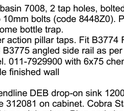
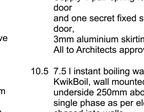
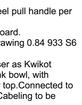
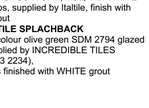
FINISHES SCHEDULE

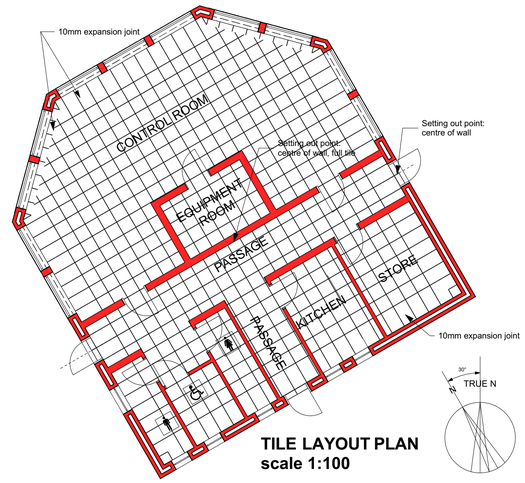
	FLOOR		SKIRTING	WALLS				CEILING	CORNICE	WINDOW	WINDOW CILL	DOORS		SANITARY WARE	NOTES
	CONSTRUCTION	FINISH	FINISH	N	E	S	W	FINISH	FINISH	FINISH	FINISH EXT	FINISH INT	FRAME	DOOR		
CONTROL ROOM	1.9	Prepare powerfloat areas to receive tiles, apply approved adhesive mix, apply with back brush	2.7	3.4	3.10	4.1	4.1	4.1	5.1	-	6.6	-	SEE WINDOW SCHEDULE DRAWING	See det. drawing	-	SEE DOOR SCHEDULE DRAWING	SEE DOOR SCHEDULE DRAWING		
EQUIPMENT ROOM	1.9		2.7	3.4	-	4.1	4.1	4.1	5.1	-	6.6	-		-	-				
PASSAGE	1.9		2.7	3.4	-	4.1	4.1	4.1	5.10	-	6.4	-		-	-				
MALE TOILET	1.9		2.7	3.3	-	4.3	4.3	4.3	5.10	-	6.4	-		7.1	7.4			8.31, 8.4, 8.21	
FEMALE TOILET	1.9		2.7	3.3	-	4.3	4.3	4.3	5.10	-	6.4	-		7.1	7.4			8.31, 8.4, 8.21	
PARAPLEGIC TOILET	1.9		2.7	3.3	-	4.3	4.3	4.3	5.10	-	6.4	-		7.1	7.4			8.5	
KITCHEN	1.9		2.7	3.4	-	4.1	4.1	4.1	5.10	-	6.4	-		7.1	7.4			8.6	10.2, 10.5 see this drawing for elevations and sheet 2 for plans
STORE	1.9		2.7	3.4	-	4.1	4.1	4.1	5.10	-	6.4	-		-	-				

WINDOW SCHEDULE

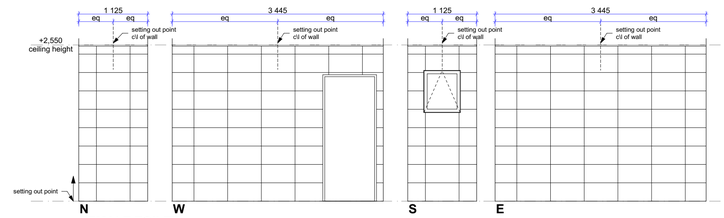
Element ID	W01	W02	W03
Plan			
Elevation			
Quantity	5	1	11
Wall Opening Size	600×690	900×690	1 550×1 115
Window Type	Purpose made 600w x 690h approved ALUMINIUM frame with bottom hung opening in section	Purpose made 900w x 690h approved ALUMINIUM frame with bottom hung opening in section	See detail drawing 0.84 933 S5
Window Cill Height	1 445	1 445	1 020
Accessories	Standard window handle as supplied by manufacturer	Standard window handle as supplied by manufacturer	See detail drawing 0.84 933 S5
Glass	Glazing to SANS 10137, with glazing beads, Pacific Obscured Glass 50 micron safety film	Glazing to SANS 10137, with glazing beads, Pacific Obscured Glass 50 micron safety film	Bullet proof glazing to resist ammunition up to AK 47 Ball fired from AK 47 Rifle as per Rene Turck & Associates (Pty) Ltd or similar accepted.
Frame Finish	Charcoal VP 7007 Matt Powder coated	Charcoal VP 7007 Matt Powder coated	All steel work to be hot-dipped galvanized. All visible steel to be painted on site. Apply 2 coats Polyurethane PLASCON INTERTHANE 990 SABS G08 Extra dark sea grey
Burglar Proofing to outside of windows	 All to be painted: Remove rust. Degrease with AQUASOLVE DEGREASER (GR1) and rinse thoroughly with water. Use ZINC PHOSPHATE PRIMER RED OXIDE (UC 207). Apply 1 coat of Plascon Eggshell Enamel colour SABS G08 Extra dark sea grey.	 All to be painted: Remove rust. Degrease with AQUASOLVE DEGREASER (GR1) and rinse thoroughly with water. Use ZINC PHOSPHATE PRIMER RED OXIDE (UC 207). Apply 1 coat of Plascon Eggshell Enamel colour SABS G08 Extra dark sea grey.	none

DOOR SCHEDULE

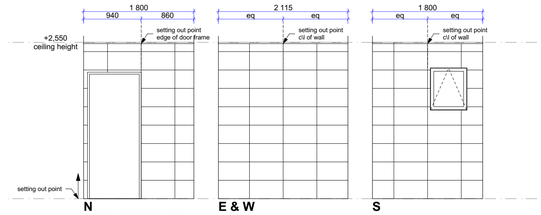
Elevation	 Passage, Control Room Bitcon Polar Security Door	 220mm Control Room Bitcon Polar Security Door	 220mm Standard single 813	 110mm Paraplegic Toilet door	 110mm Male Toilet door	 110mm	 110mm Kitchen entry door	110mm Female Toilet door.
Quantity	4	1	1	1	1	1	1	1
Door Number	AE1, AE2, AE3, AE4	AE6	AE5, AE7	AE10	AE11	AE5, AE7	AE8	AE9
Orientation	R	L	L	R	L	L	R	R
Frame	Frame and hinges as part of a Bitcon Polar Security Door. 3mm steel sheet formed to a double rebated profile with a 54mm x 20mm rebate. Heavy duty continuous gear hinge. All supplied by Bitcon Industries.	Frame and hinges as part of a Bitcon Polar Security Door. 3mm steel sheet formed to a double rebated profile with a 54mm x 20mm rebate. Heavy duty continuous gear hinge. All supplied by Bitcon Industries.	Double rebate steel door frame from 2.0mm mild steel for 220mm wall size with lock box & SS striker plate. Frame as part of Class B fire door set to fit door panel. 1,5 pairs of hinges, min 2mm plate & min 5,7mm pin	Standard 12mm double rebate steel door frame from 1.6mm mild steel for 110mm wall size with lock box & ss striker plate. 1 pair of hinges, min 2mm plate & min 5,7mm pin. Frame to fit door panel	Standard 12mm double rebate steel door frame from 1.6mm mild steel for 110mm wall size with lock box & ss striker plate. 1 pair of hinges, min 2mm plate & min 5,7mm pin. Frame to fit door panel	Double rebate steel door frame from 2.0mm mild steel for 220mm wall size with lock box & SS striker plate. Frame as part of Class B fire door set to fit door panel. 1,5 pairs of hinges, min 2mm plate & min 5,7mm pin	Standard 12mm double rebate steel door frame from 1.6mm mild steel for 110mm wall size with lock box & ss striker plate. 1 pair of hinges, min 2mm plate & min 5,7mm pin. Frame to fit door panel	Standard 12mm double rebate steel door frame from 1.6mm mild steel for 110mm wall size with lock box & ss striker plate. 1 pair of hinges, min 2mm plate & min 5,7mm pin. Frame to fit door panel
Door Panel	813 x 2032 BITCON "Polar®" Security Door. All supplied by Bitcon Industries.	813 x 2032 BITCON "Polar®" Security Door. All supplied by Bitcon Industries.	Standard Class B, 813 x 2032 x 50, fire door as part of fire door set with Masonite finish for painting	813 x 1932 x 40 Masonite SEMI-solid core flush panel door with concealed hardwood edges concealed coathook block	Standard 813 x 2032 x 40 Masonite SEMI-solid core flush panel door with concealed hardwood edges	Standard Class B, 813 x 2032 x 50, fire door as part of fire door set with Masonite finish for painting	Standard 813 x 2032 x 40 Masonite SEMI-solid core flush panel door with concealed hardwood edges	Standard 813 x 2032 x 40 Masonite SEMI-solid core flush panel door with concealed hardwood edges
Accessories	Accessories as supplied as part of Bitcon Polar Security door. Double security lock with key operation externally and thumb turn release internally. 300mm Pull handles to both sides of the door. All supplied by Bitcon Industries.	Accessories as supplied as part of Bitcon Polar Security door. Double security lock with key operation externally and thumb turn release internally. 300mm Pull handles to both sides of the door. All supplied by Bitcon Industries.	UNION CEDAR AL6C63-05AS, L-22315-76SS euro profile upright lock case with 2x18 double cylinder UNION 87001SS door stop on floor OR BUCHEL B 2382	UNION AL37651 Helping hand indicator bolt.	UNION L-2109-78 Euro Profile Cylinder Deadlock 2X18 cylinder to fit into UNION AL587-300BBAS back-to-back pull handle.	UNION CEDAR AL6C63-05AS, L-22315-76SS euro profile upright lock case with 2x18 double cylinder UNION 87001SS door stop on floor OR BUCHEL B 2382	UNION L-2109-78 Euro Profile Cylinder Deadlock 2X18 cylinder to fit into UNION AL587-300BBAS back-to-back pull handle. UNION 9002AS Door stop on floor.	UNION L-2109-78 Euro Profile Cylinder Deadlock 2X18 cylinder to fit into UNION AL587-300BBAS back-to-back pull handle.
	Double security lock with key operation externally and thumb turn release internally. 300mm Pull handles to both sides of the door. All supplied by Bitcon Industries.	Double security lock with key operation externally and thumb turn release internally. 300mm Pull handles to both sides of the door. All supplied by Bitcon Industries.	Wall mounted door stop where door leaf open against wall. Masterkey.	UNION AL8253AS rubber tipped coathook doorstop. Brushed stainless steel kick plates 800x150mm both sides, applied with approved contact adhesive, pinned with 3x 25mm countersunk wood screws @ 250mm cc in both directions.	Brushed stainless steel kick plates 800 x 150mm both sides, applied with approved contact adhesive, pinned with 3x 25mm countersunk wood screws @ 250mm cc in both directions.	Wall mounted door stop where door leaf open against wall. Masterkey.	Brushed stainless steel kick plates 800 x 150mm both sides, applied with approved contact adhesive, pinned with 3x 25mm countersunk wood screws @ 250mm cc in both directions.	Brushed stainless steel kick plates 800 x 150mm both sides, applied with approved contact adhesive, pinned with 3x 25mm countersunk wood screws @ 250mm cc in both directions.
	GEZE TS 3000 doorcloser for single doors, for external doors add angle bracket and install on inside of door, all installed strictly according to manufacturer's specifications.	GEZE TS 3000 doorcloser for single doors, for external doors add angle bracket and install on inside of door, all installed strictly according to manufacturer's specifications.			GEZE TS 3000 doorcloser for single doors, all installed strictly according to manufacturer's specifications.		GEZE TS 3000 V doorcloser for single doors all installed strictly according to manufacturer's specifications. Masterkey.	GEZE TS 3000 doorcloser for single doors, all installed strictly according to manufacturer's specifications.
Panel Finish	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule	Prepare surface, apply PLASCON oil wood primer (UC2/UC17) and 2 Final coats PLASCON Velvaglo (VLO) colour as per finishes schedule
Frame Finish	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule	Prepare, apply PLASCON : 1 coat NAMELCOTE (UC53) 1 coat MERIT UNIVERSAL undercoat (UC1), 2 Final coats VELVAGLO, colour as per finishes schedule



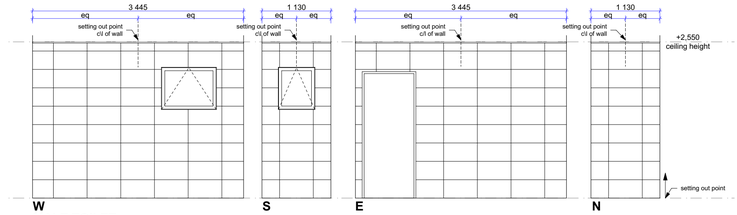
TILE LAYOUT PLAN
scale 1:100



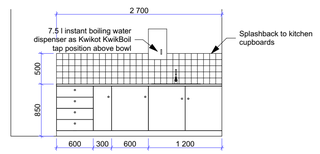
FEMALE TOILET
scale 1:50



PARAPLEGIC WC
scale 1:50



MALE TOILET
scale 1:50



KITCHEN CUPBOARD ELEVATION
scale 1:50

ISSUED FOR CONSTRUCTION

Designer:
Prjnr no: 969

REMARKS:
Copyright reserved in favour of the undermentioned architects.
All dimensions are to be checked on site. Only fiqured dimensions are to be used.
Any reference to specialised work, items, finishes etc. are normally covered under preliminary amounts or PC items. If not, the contractor must still price these specialised work, items or finishes.
Any contradictions must be settled beforehand with the architect.
This drawing to be read in conjunction with Structural, Civil, Electrical and Mechanical Engineers drawings.
All materials to be paint finished as specified where supplied without factory finish.
Building work to comply with SANS 10400 National Building Regulations.
Glass installation to comply with SANS 10137 National Building Regulations and SAGI (SOuth African Glass Institute)
Safety glass in doors must be marked with visible band.

TABLE - DIMENSIONS OF GLASS

Nominal thickness of glass, mm	Maximum size of glass of glass, meter
3	0,75
4	1,5
5	2,1
6	3,2

D.O.	REV	DATE	** REVISION ** INDEX REFERENCE	AUTHORISED FOR ESKOM BY	DATE
DRG REGISTR	-	-			
DESIGN APPROVED		10/02/17	WMS	Sibonelo Sibiya	28/02/2019
KKS APP	-	-			
DO AUTH	-	-			
CHKD BY		10/02/17	IDLR		
DRAWN BY		10/02/17	MR		
SCALE	AS SHOWN				

REV	DATE	INDEX REFERENCE	REV BY	CHKD BY	AUTH BY	KKS APP
-						
1	28/02/2019	ISSUED FOR CONSTRUCTION	MR	IDLR	WMS	
0	13/11/17	ISSUED FOR TENDER	MR	IDLR	WMS	
- A	15/02/17	ISSUED FOR REVIEW	MR	IDLR	WMS	

REFERENCE DRAWINGS

MEDUPI POWER STATION
GATE HOUSE 4
Schedules

07015 - AE - 5.01

0.84/933

SHEET 6 REV 1

SIZE GROOTTE A1L