


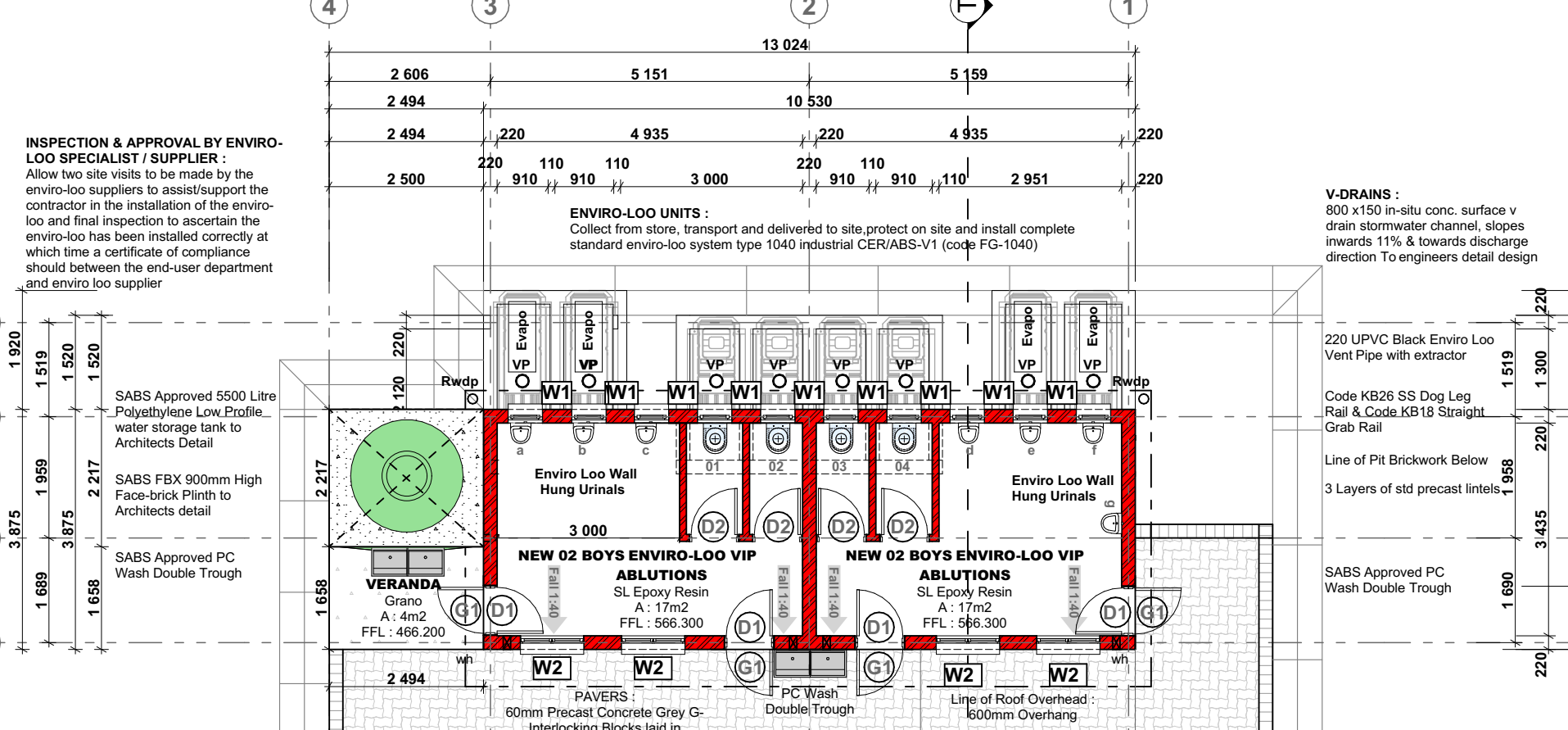
- GENERAL NOTE**
- A. Consultant / Structural Notes**
1. All Structural, Electrical, Civil And Landscaping Queries Are To Be Referred To The Relevant Consultants Drawings, Specifications And Details
 2. All Plumbing Queries Are To Be Referred To The Relevant Specialist Consultants Drawings, Specifications And Details
 3. All Concrete, Columns And Structural Queries Are To Be Referred To The Structural Engineer's Drawings, Specifications And Details
 4. All Electrical / Internal Walls Requiring Bracing / Strengthening Are To Be Constructed In Accordance With The Structural Engineer's Drawings, Specifications And Details
 5. All Specifications With Regard To Fire Regulations, To Be Referred To Consultants Drawings, Specifications And Details
 6. All Design And Construction To Comply With The Relevant SANS Regulations.
 7. Only Figured Dimensions To Be Followed - Scaled Dimensions Of Drawings Will Not Be Permitted
 8. All Drawings Are Intellectual Property Of Simetropole Design Studio. Any Replication And Unauthorised Resale Will Lead To Legal Litigations
- B. Contractor Notes**
1. Contractor Shall Reconfirm All Sensitive Levels With Municipality Prior To Commencement Of Work.
 2. The Contractor Shall Be Responsible For The Coordination Of All Services.
 3. The Contractor Shall Supply All Local Authority Requirements
 4. The Contractor Shall Submit Shop Drawings For Mechanical, Electrical And Plumbing Services And Specifications And Incorporate The Ducts To Connect Necessary Pipes, Cables And Conduits, Etc. For The Consultants Approval Prior To Commencement Of Work.
 5. The Contractor Shall Inspect The Site Prior To Work Being Put In Hand And Take Into Consideration All Aspects Of The Works, To Be Carried Out Including Any Dewatering, If Required. The Costs Of The Dewatering To Be Submitted Prior To Work Being Commenced On Site.
 6. Any Discrepancy In The Drawings, Dimensions And Specification To Be Brought To The Attention Of The Consultant And Architect Prior To Work Being Put In Hand.
 7. All Equipment Shall Be To The Approval Of The Local Authorities And Comply With The Occupational Health And Safety Act.
 8. All Dimensions And Levels Are To Be Verified On Site Prior To Commencing, Setting Out, Workshop Drawings Or Construction
- C. General Notes**
1. All Structural Components To Structural Engineer's Detail And Architect's Approval.
 2. All Sewer And Waste Water Points To Connect To Existing Sewer Lines.
 4. All Timber Used To Be Treated Against Termites And Wood Borer Attack, And Against Fungal Decay And For SANS 10005.
- NOTES AND SPECIFICATIONS:**
1. Use dimensions provided and do not scale drawings.
 2. All work to comply with SANS, PW371 and SABS.
 3. All dimensions, levels and positions to be verified on site prior to construction.
 4. All concrete work to be as per Engineer's details
 5. All pits to face North
 6. All brickwork have brickface at every 2nd course in pit lining and 3rd course in superstructure.
 7. All stages of pit excavation to be inspected and approved by Engineer and signed off.
 8. All pit lining to be inspected by EnviroLoos Services before slab casting.

REVISION INFORMATION		
REV. NO	DATE	DESCRIPTION

THE MVULA TRUST APPROVAL		
Name:.....	Date:.....	
Signature:.....	Date:.....	
LIMPOPO DEPT EDUCATION APPROVAL		
Name:.....	Date:.....	
Signature:.....	Date:.....	
PRINCIPAL AGENT APPROVAL		
Name:.....	Date:.....	
Signature:.....	Date:.....	

ARCHITECTURE		
BUILDING CLASSIFICATION		
C3 : PLACE OF INSTRUCTION (SCHOOL)		
CLIENT :		
 Physical : Plot 113 Blicard & 24 Excelsior Polokwane, 0700 Postal : Private Bag X9489, Polokwane, 0700		
DEPARTMENT OF EDUCATION		
PRINCIPAL AGENT : SIST CONSORTIUM		
PHYSICAL : Farm Pa6 681 Portion 45 Polokwane, 0699 TEL : 091 295 1099 EMAIL : Talu@sistengineers.co.za		

SIST ENGINEERS		
SIMPLE INNOVATIVE SOLUTIONS ON TIME		
NAME OF COMPETENT PERSON:		
CONT NO:		
FIRM REG NO:		
IMPLEMENTING AGENT :		
 A leading developmental NGO 718 James Crescent, Halfway House, Midrand, 1685, South Africa Send Us Mail info@themvulatrust.org.za Call Us +27 11 403 3425		
PROJECT NAME		
PROPOSED PERMANENT SANITATION FACILITIES FOR TISWINGA PRIMARY SCHOOL EMIS 930 350 514		
DRAWING DESCRIPTION		
BLOCK G BOYS ENVIRO-LOO ABLUTIONS		
PROJECT STATUS		
STAGE 1-3	STAGE 4	STAGE 5-6
CONCEPT	TENDER	CONSTRUCTION
DESCRIPTION: WATER AND SANITATION PROGRAMME		SCALE: AS SHOWN

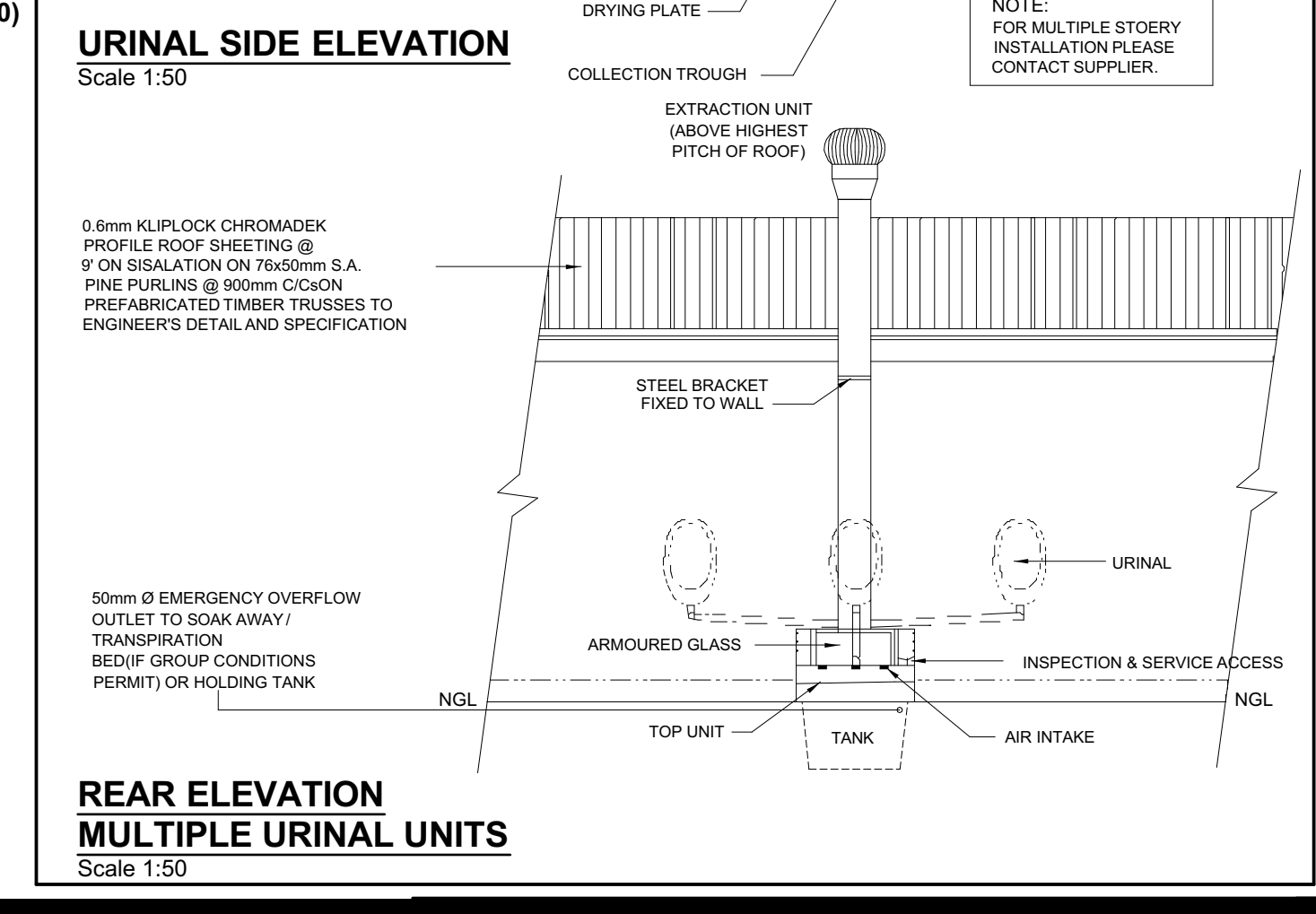
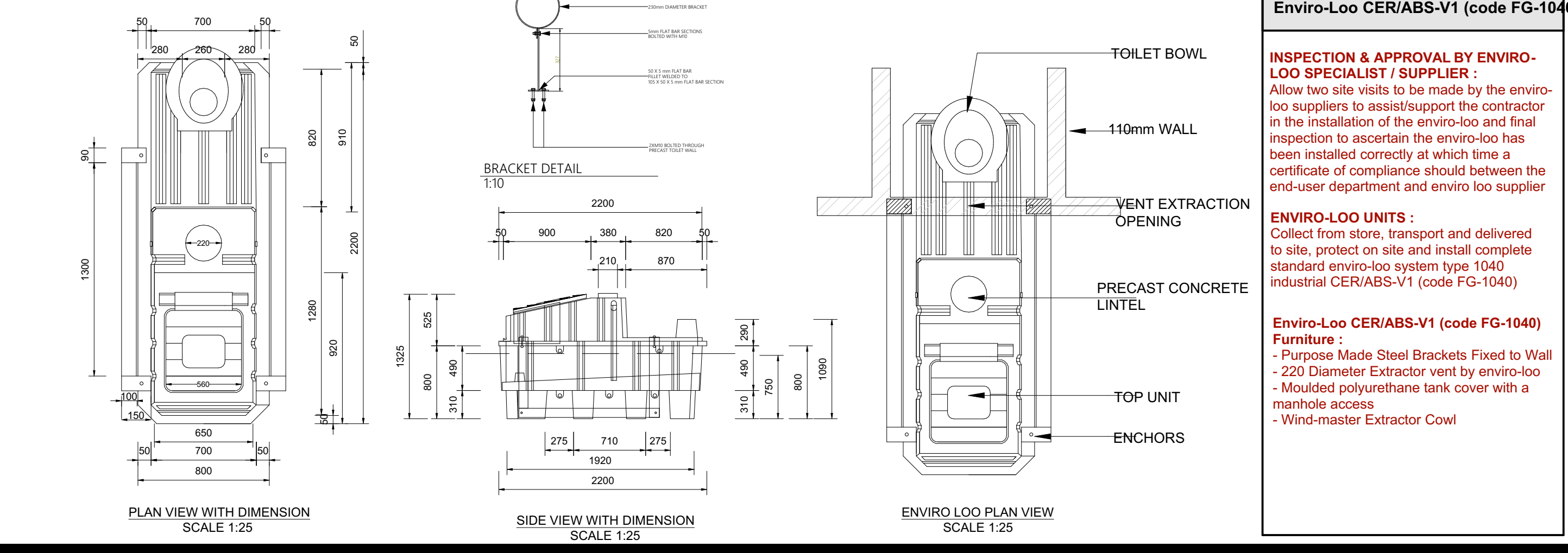
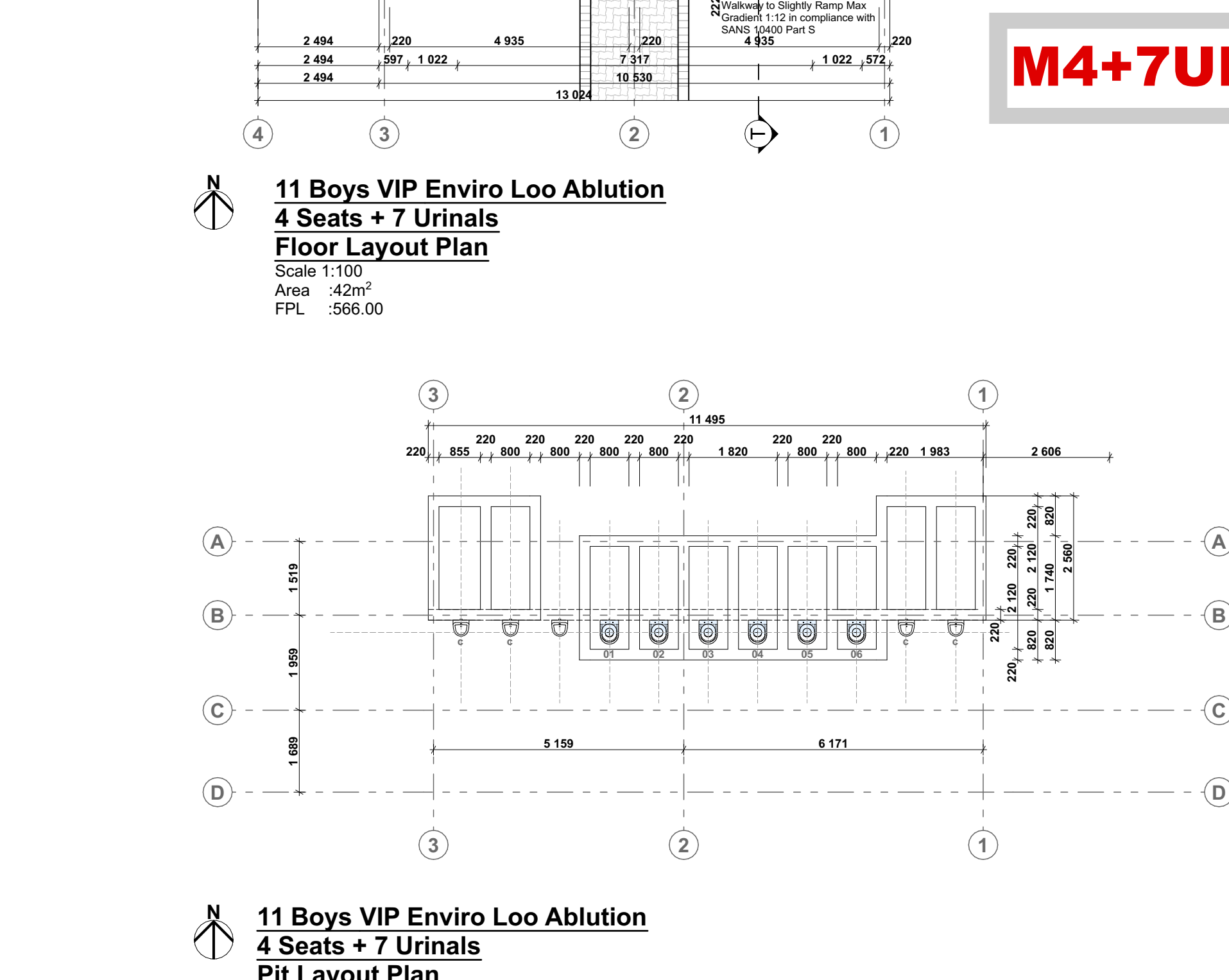
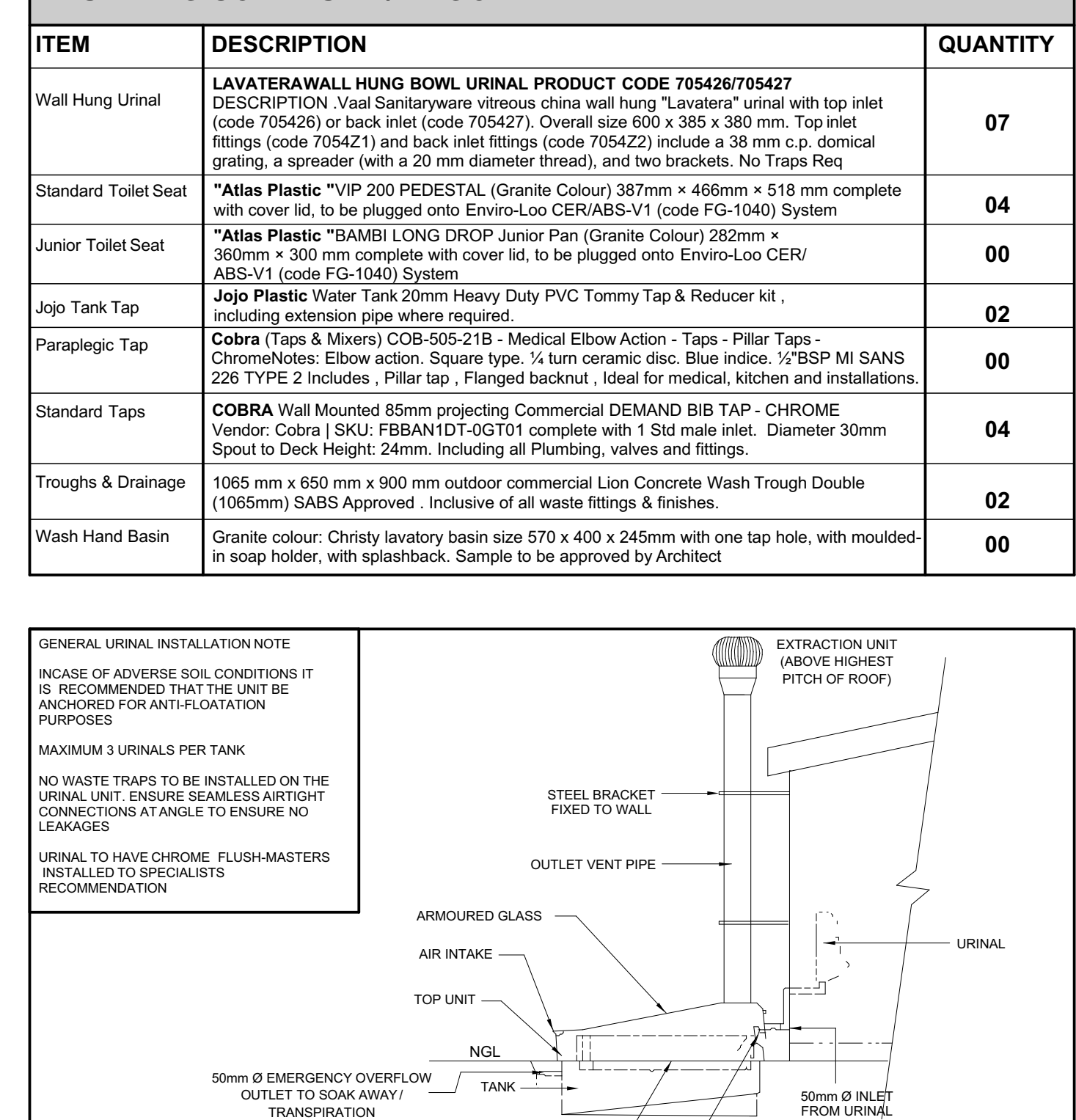


Window and Door Schedulescale 1:50				
WINDOWS	WINDOW 1	WINDOW 2	WINDOW 3	WINDOW 4
Code :	E1	E7	E4	E0
Quantity :	10	04	00	00
Description :	533 x 654mm - half-glazed - galvanized steel - residential 100 hanging unit, Unit code W12, with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars.	1022 x 654mm - half-glazed - galvanized steel - residential 100 hanging unit, Unit code W12, with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars.	1511 x 654mm - half-glazed - galvanized steel - residential 100 hanging unit, Unit code W12, with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars.	1511 x 654mm - half-glazed - galvanized steel - residential 100 hanging unit, Unit code W12, with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars.
Finish :	Clean with galvanized iron cleaner 1 x galvanized iron primer coat and 2 x coats of approved glass enamel paint.	Clean with galvanized iron cleaner 1 x galvanized iron primer coat and 2 x coats of approved glass enamel paint.	Clean with galvanized iron cleaner 1 x galvanized iron primer coat and 2 x coats of approved glass enamel paint.	Clean with galvanized iron cleaner 1 x galvanized iron primer coat and 2 x coats of approved glass enamel paint.
Glazing :	5mm SG Opaque Glass with Steel Window Putty	5mm SG Opaque Glass with Steel Window Putty	5mm SG Opaque Glass with Steel Window Putty	5mm SG Opaque Glass with Steel Window Putty
Ironmongery :	Factory Fitted - Standard Brass Fittings	Factory Fitted - Standard Brass Fittings	Factory Fitted - Standard Brass Fittings	Factory Fitted - Standard Brass Fittings

SANITARY SCHEDULE / BLOCK		
ITEM	DESCRIPTION	QUANTITY
01	Toilet Roll Holder	04
02	Soap Dispenser	04
03	Paper Towel Dispensers	04
04	Waste Bin	04
05	Shoe Bin	00
06	Grab Rails	00
07	Mirrors	04

FINISHES SCHEDULE / BLOCK		
ITEM	DESCRIPTION	QTY
01	Primary Floor Finish	04
02	Skirting	04
03	Final Floor Dressing	04
04	Internal Wall Finish	04
05	Internal Wall Paint	00
06	Ceiling	00
07	Wall Tiles	04

DOOR SCHEDULE		DOOR 1		DOOR 2		DOOR 3		GATE 01	
Item	Door Location	EXTERNAL ABLUTION DOORS	QUANTITY X 4	EXTERNAL ABLUTION DOORS	QUANTITY X 4	EXTERNAL ABLUTION DOORS	QUANTITY X 4	EXTERNAL ABLUTION DOORS	QUANTITY X 4
Item 1	Door Description	113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04
Item 2	Frame	Standard 113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	Standard 113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	Standard 113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04	Standard 113mm x 2032mm x 46mm thick heavy duty, Galvalume Black Framed and Braided Single side swing complete with 20 x 5mm thick galvanized steel bar to open section. Pre-installed Flat Burglar Bars. All painted in accordance with Architect's color schedule.	04
Item 3	Frame Finish	Washable enamel paint finish complying with SABS 723 for primer, SABS 681 for undercoat and SABS 650 type 2 for finish coat. Colour to architect's approval.	04	Washable enamel paint finish complying with SABS 723 for primer, SABS 681 for undercoat and SABS 650 type 2 for finish coat. Colour to architect's approval.	04	Washable enamel paint finish complying with SABS 723 for primer, SABS 681 for undercoat and SABS 650 type 2 for finish coat. Colour to architect's approval.	04	Washable enamel paint finish complying with SABS 723 for primer, SABS 681 for undercoat and SABS 650 type 2 for finish coat. Colour to architect's approval.	04
Item 4	Door Finish	Prime with wood primer to comply with SABS, type 2. Paint one (1) Universal under coat to comply with SABS 681, grade 1, and finish with two (2) coats alkylate egg-shell paint to comply with SABS 650, type 1. Colour to architect's approval.	04	Prime with wood primer to comply with SABS, type 2. Paint one (1) Universal under coat to comply with SABS 681, grade 1, and finish with two (2) coats alkylate egg-shell paint to comply with SABS 650, type 1. Colour to architect's approval.	04	Prime with wood primer to comply with SABS, type 2. Paint one (1) Universal under coat to comply with SABS 681, grade 1, and finish with two (2) coats alkylate egg-shell paint to comply with SABS 650, type 1. Colour to architect's approval.	04	Prime with wood primer to comply with SABS, type 2. Paint one (1) Universal under coat to comply with SABS 681, grade 1, and finish with two (2) coats alkylate egg-shell paint to comply with SABS 650, type 1. Colour to architect's approval.	04
Item 5	Fan Light	NONE	04	NONE	04	NONE	04	NONE	04
Item 6	Ironmongery	75mm Floor level security lockset with satin chromed handle. Door step - polished brass floor mounted. AL5002-E1A18 180 x 150mm natural anodized aluminium indicator plate with engraved female symbol.	04	75mm Floor level security lockset with satin chromed handle. Door step - polished brass floor mounted. AL5002-E1A18 180 x 150mm natural anodized aluminium indicator plate with engraved female symbol.	04	75mm Floor level security lockset with satin chromed handle. Door step - polished brass floor mounted. AL5002-E1A18 180 x 150mm natural anodized aluminium indicator plate with engraved female symbol.	04	75mm Floor level security lockset with satin chromed handle. Door step - polished brass floor mounted. AL5002-E1A18 180 x 150mm natural anodized aluminium indicator plate with engraved female symbol.	04
Item 7	Hinges	3 no. stainless steel medium duty butt hinges.	04	3 no. stainless steel medium duty butt hinges.	04	3 no. stainless steel medium duty butt hinges.	04	3 no. stainless steel medium duty butt hinges.	04



SANS 10400 & XA COMPL		OTHER APPROVALS		WATER SUPPLIER		SANITATION SEWER		SITE INFORMATION		STAGES		PROJECT TEAM	
CONDUCTANCE	Y N Y N	Environmental Impact Assessment (EIA)	Yes No	MUNICIPALITY	Yes No	MUNICIPALITY NAME	Yes No	ERF NO.	Yes No	SIPDM	SACAP	Competent Contact Person	CONTACT No.
SOLAR HEAT GAIN	Y N Y N	South African Heritage Resource Agency (SAHRA)	Yes No	BOREHOLE	Yes No	CAPACITY	Yes No	COVERAGE	Yes No	1	1	Architect	MPENDULO SHANGASE
GEOGRAPHICAL ZONE	Y N Y N	Department of Water and Sanitation (DWS)	Yes No	PRESSURE	Yes No	WATER USE LICENCE	Yes No	VILLAGE NAME	Yes No	2	2	Q. Surveyor	SIPHO NTSHAKALA
NBRs COMPLIANCE	Y N Y N	South African National Roads Agency (SANRAL)	Yes No	TANKS	Yes No	TOTAL CAPACITY	Yes No	DISTRICT	Yes No	3	3	Struct. Engineer	TALU MUDAU
SITE PLAN	Y N Y N	Other	Yes No	OTHER STORE	Yes No	SPECIFY BELOW	Yes No	COORDINATES	Yes No	4	4	Civil. Engineer	TALU MUDAU
OTHER DRAWINGS	Y N Y N		Yes No		Yes No		Yes No		Yes No	5	5	Mech. Engineer	
										6	6	Elect. Engineer	
										7	7	OHS	
										8	8	Contractor	
										9	9		
										10	10		