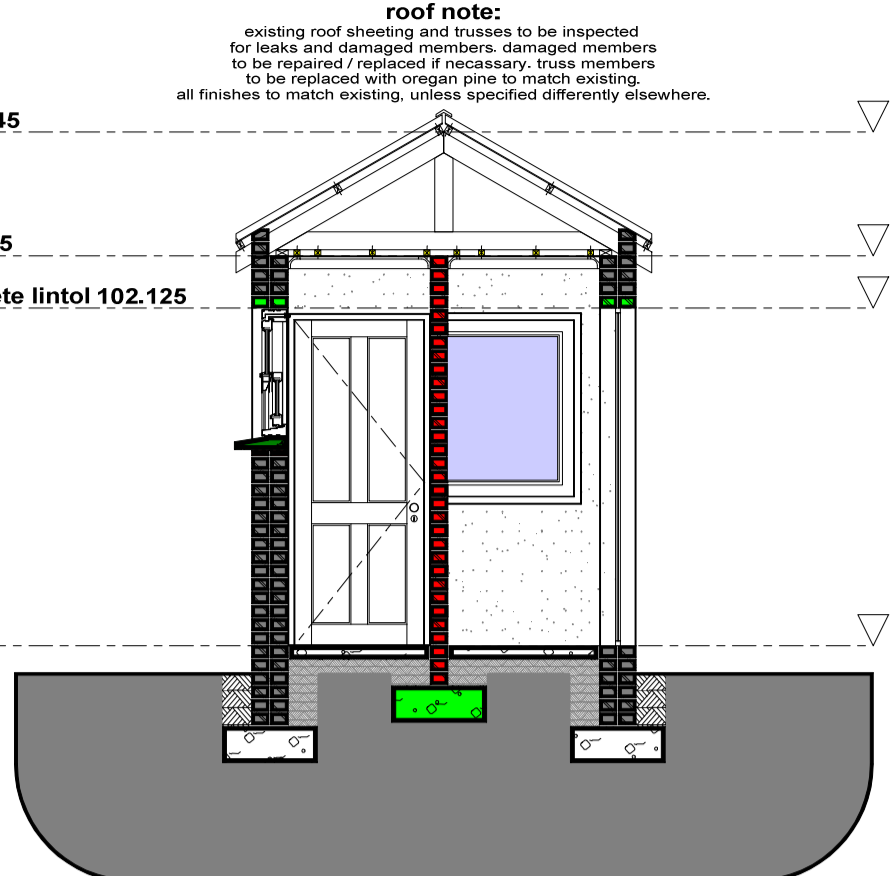
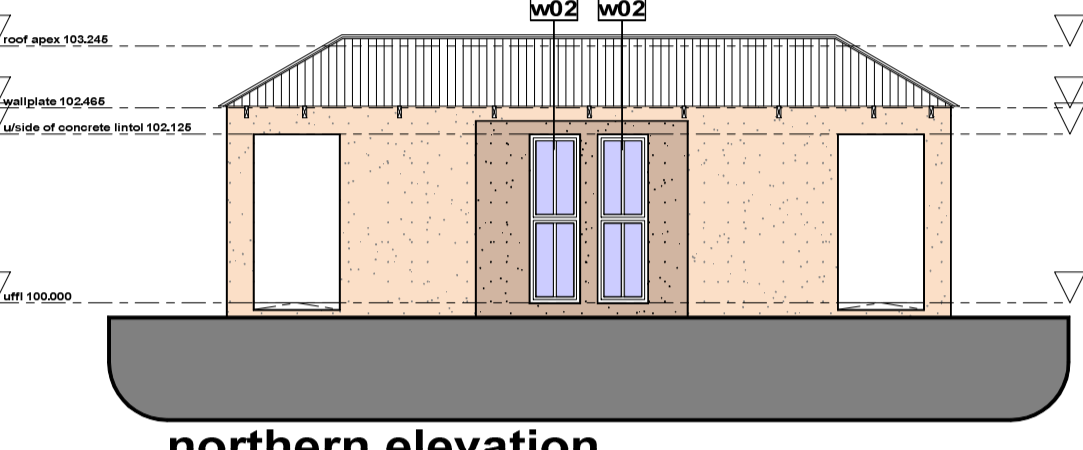


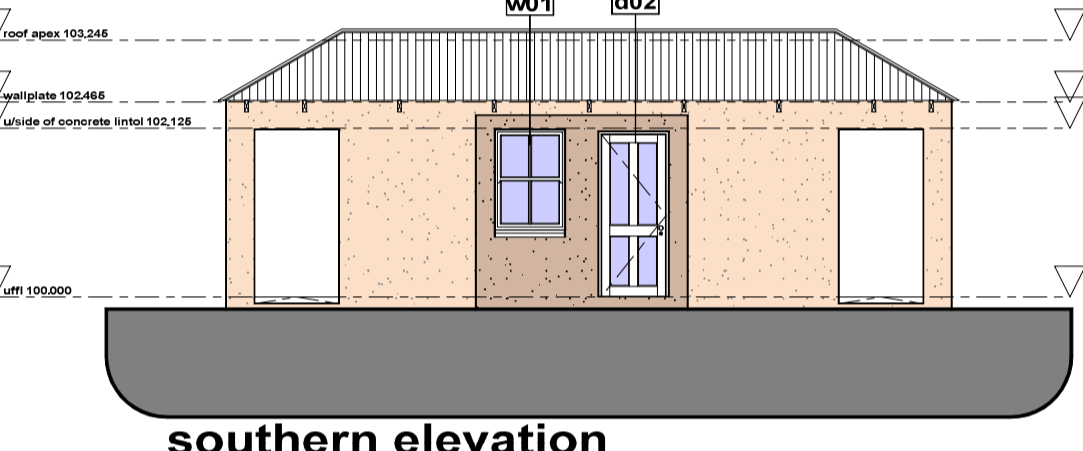
security gate ground floor plan scale 1:100



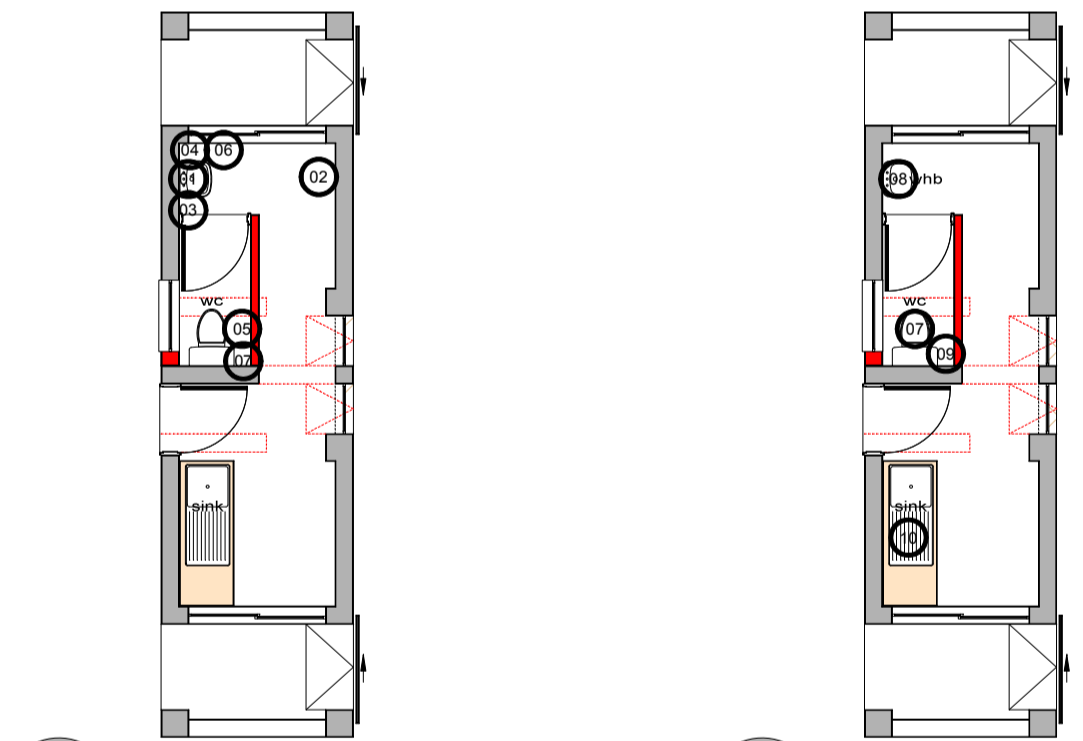
section a-a scale 1:50



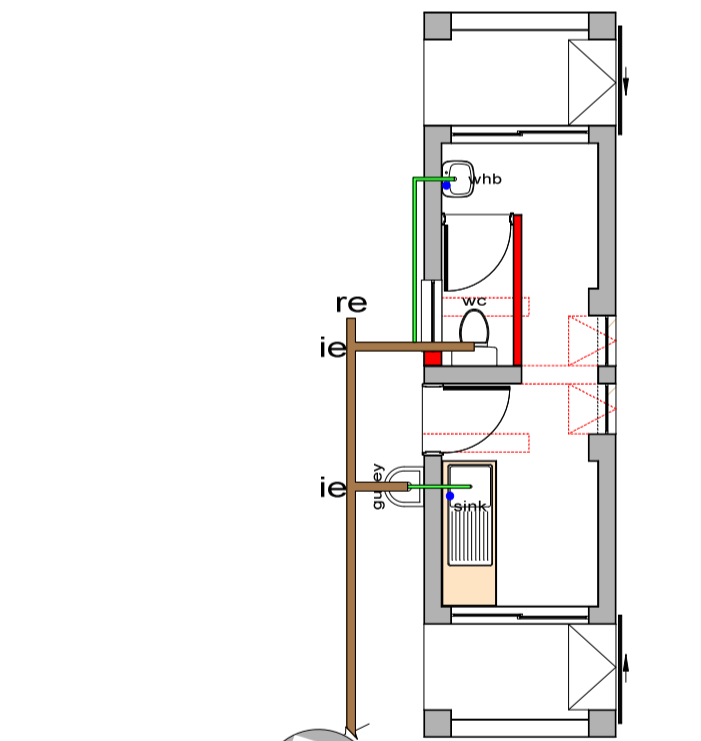
northern elevation scale 1:100



southern elevation scale 1:100



sanitary hardware key scale 1:100



sanitary fitting key scale 1:100

roof note:
existing roof sheeting and trusses to be inspected for leaks and damaged members. damaged members to be repaired/replaced if necessary. truss members to be replaced with oregon pine to match existing. all finishes to match existing, unless specified differently elsewhere.

roof insulation below sheeting:
Situation: Shredding & burn to have lead laminated aluminium. Giasatone 10 reflective foil insulation with veribead with fiberglass & flame retardant additives as per Manufacturers specifications.

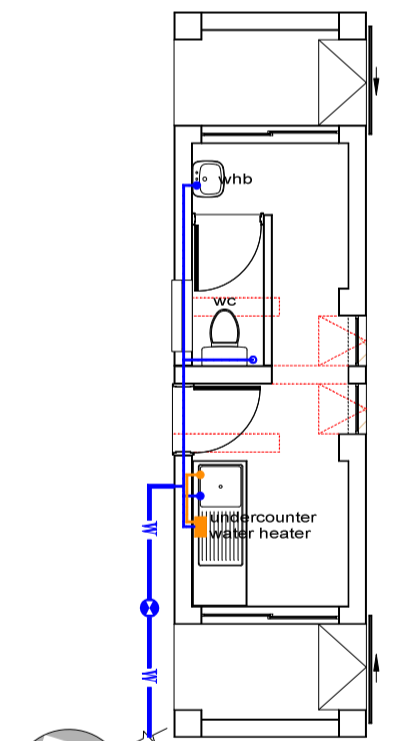
roof insulation above ceiling:
Iso-Therm: insulation of heavy duty light weight cellulose fibre insulation. manufactured in accordance with SANS 1581-6:1994, evenly laid down to a depth of min 135mm. TRK in roof spaces above ceiling. All work according to SABS Standards & Regulations.

construction notes:

- 01 **internal floor finish:**
ceramic tile as per approved sample.
- 02 **external floor finish:**
ceramic tile as per approved sample.
- 03 **dpc:**
Gundel® API A.T USB Green 250µm damp proof membrane under concrete surface beds conforming to SANS 952-1:2011 laid with minimum 150mm overlaps and sealed with Gunplas pressure sensitive tape.
- 04 **internal wall finish 1:**
plaster and paint.
- 05 **internal wall finish 2:**
ceramic tile from floor to ceiling to later specification.
- 06 **external wall finish 1:**
plaster and paint.
- 08 **ceiling:**
existing ceiling to be repaired / replaced where necessary.

sanitary hardware:

- 01 mirror as per detail
- 02 Costa Lambrianos Stainless steel Encore econo wall mounted waste bin, product code : 00780. (contact Adele Cromhout on 084 828 5473 or 011 315 3402 for orders)
- 03 Costa Lambrianos Stainless steel vertical manual soap dispenser, product code : 0004. (contact Adele Cromhout on 084 828 5473 or 011 315 3402 for orders)
- 04 Costa Lambrianos Stainless steel CZ Interfold paper towel dispenser product code : 00078. (contact Adele Cromhout on 084 828 5473 or 011 315 3402 for orders)
- 05 Costa Lambrianos Stainless steel TR2 eezi slide toilet roll holder, product code : 00087. (contact Adele Cromhout on 084 828 5473 or 011 315 3402 for orders)
- 06 Franke BHM18P polished stainless steel towel ring (Code: 359937), size 203mm diameter, plugged and screwed to the wall with stainless steel screws. (similar approved product will be considered)
- 07 Costa Lambrianos Stainless steel Allegro toilet brush holder product code : 00460. (contact Adele Cromhout on 084 828 5473 or 011 315 3402 for orders)



water reticulation plan scale 1:100

sewer key:
Marley pipesystems 40mm uPVC waste pipes with all necessary bents, joints etc. installed as per manufacturers specifications and recommendations.

For installations above ground:
Marley pipesystems 110mm uPVC plain waste pipes with all necessary bents, joints etc. installed as per manufacturers specifications and recommendations.

For installations under ground:
Marley pipesystems 110mm uPVC socketed waste pipes with all necessary bents, joints etc. installed as per manufacturers specifications and recommendations.

geyser specification:
Kwikot Prisma Classique point of use 10 litre electric thermostat regulated underbasin water heater (Code: FPRX-10-UB) with mixer (elsewhere specified), overall size 340 x 291 x 347mm, fixed on mounting bracket plugged and screwed to wall and connected to 230V electrical power supply, all in accordance to manufacturer's recommendations.

roof:
existing roof sheeting and trusses to be inspected for leaks and damaged members. damaged members to be repaired / replaced if necessary. truss members to be replaced with oregon pine to match existing. all finishes to match existing, unless specified differently elsewhere.

new floor surface beds:
85mm concrete surface bed with ref 193 mesh on 250 micron DPC on 20mm sand blinding on fill compacted in 150mm layers to 93% MGD AASHTO. fill to be treated with ant and termite poison to comply to SANS standards.

existing floor surface beds:
existing concrete surface beds to be inspected by structural engineer. all needed repairwork to be done according to engineers specifications if required.

new foundation footings:
concrete foundation strip footings to sizes shown on foundation plan. all to engineers specifications.

existing foundation footings:
existing concrete foundation strip footings to be inspected by structural engineer. all needed repairwork to be done according to engineers specifications if required.

sanitary fittings:

Franke Grade 304 18/10 stainless steel HDTX592 heavy duty wall hung pan (Code:356109), size 360 x 550 x 350mm high with wooden slats (Code: 356049), concealed flushing system (elsewhere specified), pan positioned in the centre and back entry 38mm flush pipe inlet, fixed to wall with wall bracket and galvanised mild steel threaded rods, compliant with SABS 1733:2002. Cobra Watertech fix concealed cistern (Code: CC-CISTERN) for wall hung WC, front actuated with Alto dual-flush actuator in metal matt chrome finish (Code: CC-PLATE-MC), including flush pipe, water supply connection with stop valve, in-valve, cut-valve, dual flush outlet pipe, connection pipe, netting for direct plastering, protection cover for service opening and protection cover for flush pipe, fixed with included fastening materials inside solid wall. Including Franke Astonia white toilet seat code: 245 0094. toilet seat to be ordered with toilet. toilet seat installed by Franke before installation.

Franke 1.6mm Grade 304 18/10 stainless steel HDS heavy duty surround basin (Code:325317), size 390 x 322 x 340mm high with a one piece pressed bowl, pan positioned in the centre. 50mm stainless steel outlet pipe, fixed to wall with 4No. 8mm diameter x 250mm long galvanised mild steel treaded rods. Cobra Watertech Ledimo 15mm chrome plated pillar tap (Code: LO-214-15) with aerator outlet and flanged backnut, manufactured in accordance with SANS 226:2004 Type 1 (BS 5412). Cobra Watertech 32mm chrome plated bottle trap (Code: 350) with 75mm deep re-seal, adjustable telescopic pipe and 40mm outlet.

Cobra Watertech Ledimo 15mm chrome plated C x C (Compression) underwall stoplap (Code: LO-238-15) with sliding wall flange, manufactured in accordance with SANS 226:2004 Type 1 (BS 5412). stop taps to be installed at each toilet, basin, urinal and sink.

Franke Projectline Model PLN611 Grade 304 18/10 polished stainless steel single end bowl inset sink (Code: 821047), overall size 800 x 460mm with one 340 x 370 x 140mm deep bowl, fitted onto cupboard (elsewhere specified) including PVC trap (trap elsewhere specified) with 38mm waste fitting. Cobra Watertech 15mm chrome plated Tudor sink mixer (Code: TD-296CP) with aerated swivel spout and 400mm long flexible inlets, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412), installed to manufacturer's recommendations.

water reticulation key:

- Isolation valves for toilets/urinals etc.
- Cold water tap
- Hot water tap
- Cold water pipe (in wall or roofspace)
- Hot water pipe (in wall or roofspace)
- Main water feed from existing source
- Non Return Valve
- Isolating Valve

DOOR NUMBER:	d1	d2
DESCRIPTION:	Single leaf solid wood 4 panel door	Single leaf solid wood 4 panel door with glass panels
FRAME:	Standard Swartland Winsters 76mm x 53mm door frame to fit door 813mm x 2032mm	Standard Swartland Winsters 76mm x 53mm door frame to fit door 813mm x 2032mm
FRAME FINISH:	Seal with clear wood sealant as per manufacturer	Seal with clear wood sealant as per manufacturer
DOOR LEAF:	Standard Swartland Winsters solid wooden entrance door code: PD24	Purpose made Swartland Winsters solid wooden entrance door code: PD24
DOOR FINISH:	Seal with clear wood sealant as per manufacturer	Seal with clear wood sealant as per manufacturer
GLAZING:	n/a	Shatterproof laminated safety glass to comply to SANS 10400 part N
LINTEL:	precast concrete lintel	precast concrete lintel
IRONMONGARY:	1.HANDLES: 2.LOCKS: 3.HINGES: 4.OTHER:	1.HANDLES: 2.LOCKS: 3.HINGES: 4.OTHER:
OTHER NOTES:	n/a	n/a
AMOUNT:	1 RH	1 RH

WINDOW TYPE:	w1	w2	w3
DESCRIPTION:	Vertical Sliding Sash wooden window. Vertical bar.	purpose made fixed pane	purpose made sliding window
FRAME:	Ambassador Doors and Windows Oregon Pine Vertical sliding sash, vertical bar window frame of size 900mm x 1300mm. Window frame to be screwed and plugged into masonry wall.	Purpose made Oregon Pine fixed pane window to sizes shown.	Purpose made Oregon Pine sliding window to sizes shown
FRAME FINISH:	Seal with clear wood sealant as per manufacturer	Seal with clear wood sealant as per manufacturer	Seal with clear wood sealant as per manufacturer
GLAZING:	Shatterproof laminated safety glass to comply to SANS 10400 part N - sandblasted	Shatterproof laminated safety glass to comply to SANS 10400 part N - clear	Shatterproof laminated safety glass to comply to SANS 10400 part N - clear
WINDOW SILLS:	INTERIOR SILL: N/A. EXTERIOR SILL: Old World Concretes Type 6 window sill, size 340 x 85 x 1100mm long bed, bedded and jointed in Class II mortar and pointed on all exposed faces.	INTERIOR SILL: N/A. EXTERIOR SILL: N/A	INTERIOR SILL: N/A. EXTERIOR SILL: N/A
LINTEL:	precast concrete lintel	precast concrete lintel	Existing
IRONMONGARY:	All as supplied by manufacturer	All as supplied by manufacturer	All as supplied by manufacturer
OTHER NOTES:	None	None	None
AMOUNT:	1	2	2

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No:	Date:	Notes:	Drawn:
Rev 08	05/06/17	Construction drawings	Cvanku
Rev 01	03/08/18	Sanitary fittings updated	Cvanku

- GENERAL NOTES:**
1. Check all measurements, levels and details on site before commencement with work.
 2. Refer any discrepancies to architect
 3. All work to be done in accordance with SANS-10400
 4. Nothing to be scaled from drawing; request measurement from architect
 5. Architect's & engineer's drawings to be read together
 6. Drawing to be used for intention as mentioned in Drawing description.



CLIENTS SIGNATURE:



DEPARTMENT'S SIGNATURE:



PRINCIPAL AGENT SIGNATURE:



ARCHITECTS SIGNATURE:

TITLE:
PROPOSED ALTERATIONS & ADDITIONS TO TAUNG SKULL HERITAGE SITE FOR NORTH-WEST RURAL, ENVIRONMENTAL & AGRICULTURE DEPARTMENT PROVINCE OF NORTH-WEST

DRAWING DESCRIPTION: SECURITY GATEHOUSE	ORIGINAL DRG. SIZE: A1
SCALE: 1/100	REV. 1