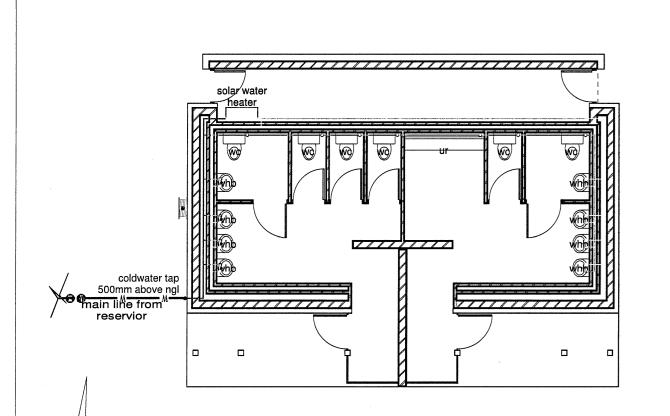


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APPROVED BY

DESIGNED BY

INFRASTRUCTURE CALCULATION FILE No.

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

____w___w___

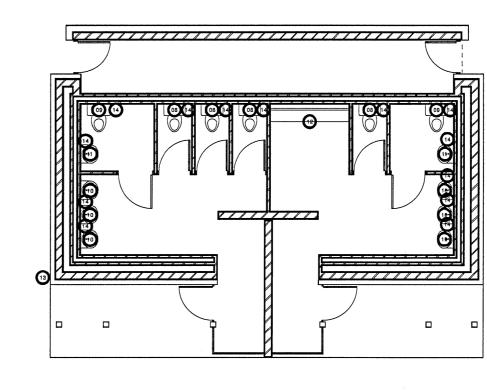
⊙ **6**

CONT-APPROVAL

PROJ. ENGINEER

CHECKED

DESIGNED



sanitary fittings:

Picnic Site Ablutions - sanitary fittings key

sanitary hardware:

ranke CNTXBR 32mm diameter satin finished stainless steel cistern back rail (Code: 359912), size 750 x 260mm with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws.

ugged and screwed to the wall with stainless steel screws.

of 23 litres, plugged and screwed to the wall with stainless steel screws.

olugged and screwed to the wall with stainless steel screws.

Franke Stratos STRX625 1,2/1,5mm thick satin finished stainless steel soap dispenser

Franke CNTX700A 32mm diameter satin finished stainless steel angle bar (Code: 359877),

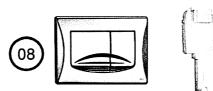
size 618 x 95 x 256mm with Franke Fine Grip surface, plugged and screwed to the wall with stainless steel screws.

anke M600HD 8mm mirrors (Code: 359922), size 600 x 500mm high, concealed thief resistant fixings,

Franke Chronos BS610 1,25mm thick satin finished stainless steel perforated waste container (Code: 359825),

size 410 x 222 x 380mm high with lock, 180 degree radius front and perforated facia pattern, waste bin capacity

(Code: 359714), size 120 x 126 x 303mm, plugged and screwed to the wall with stainless steel screws.



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-PLATE6-MC), including flush pipe, water supply connection with stop valve, in-valve, out-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.

Franke Grade 304 18/10 stainless steel HDTX594 heavy duty wall hung pan for disabled persons (Code:356116), size 360 x 700 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 concealed WC chrome plated Cobratron electronic flushvalve (code: EL-4-213) with non-hold open feature with manual override flushing button, adjustable sensor range, adjustable flushing time with 24 hour

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

Franke 1,2mm Grade 304 18/10 stainless steel HDWHB heavy duty security type wash hand basin (Code:356672), size 454 x 389 x 600mm high with a one piece pressed bowl size 410 x 300 x 140mm deep, 150mm high splashback, 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 15mm chrome plated basin mixer (Code: NM-851) with aerated fixed straight spout, manufactured in accordance with SANS 1480:2005 (BS EN 1286). Cobra Watertech 32mm chrome plated bottle trap (Code: 350) with 75mm deep re-seal, adjustable telescopic pipe and

re-use existing urinal

Cobra Watertech 20mm standard brass hose bibtap (code: 108-20) with wingnut, lining and 20mm hose union, manufactured in accordance with SANS 226:2009

Cobra Watertech Ledimo 15mm chrome plated C x C (Compression) underwall stoptap (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.

GENERAL NOTES:

- . Check all measurements, levels and details on site before commencement with work. 2. Refer any discreptancies 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





PRINCIPAL AGENT:

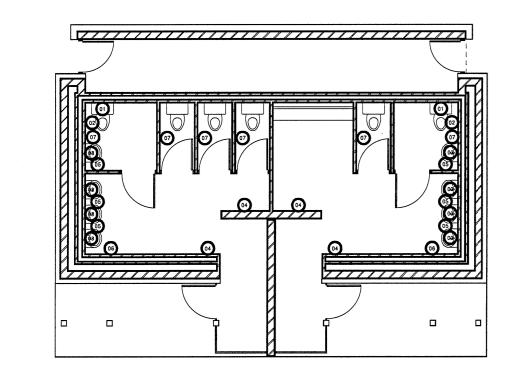


| ഉമരവ്വാ | Proffice Building, 23 Corridor Crescen Route N4 Business Ben Fleur Ext 11 |
|-----------|--|
| OPEODBOON | Post: P.O. Box 543 Tel: 013-653 6321 Fax: 086 567 5564 Email: bakopane@g |

| 3 | OPERTURE | Post: P.O. Box 543, E Tel: 013-653 6321 / 6 Fax: 086 567 5564 Email: bakopane@gma |
|-----|-----------------|--|
| HIT | ECTS SIGNATURE: | |

| FECTS SIGNATURE: | |
|------------------|--|
| 0DOODHOO | Post: P.O. Box 543, Emalahleni, 10 Tel: 013-653 6321 / 653 6305 Fax: 086 567 5564 Email: bakopane@gmail.com |
| mmolbana | Ben Fleur Ext 11 |

| | | CLIENT: NORTH-WEST RURAL, ENVIRONMENTAL & AGRICULTURE DEPARTMENT | COPYRIGHT | | |
|--|--|---|-----------|---|--|
| Deportment: Rural, Environment and Agricultu Development North West Provincial Government REPUBLIC OF SOUTH AFRICA | | PROJECT : PROPOSED ALTERATIONS & ADDITIONS TO TAUNG SKULL HERITAGE SITE | | SCALE: 1/100/50/20 | |
| | | AREA: PROVINCE OF NORTH-WEST | | | |
| | Rural, Environment and Agricultural Development | LOCATION: TAUNG SKULL HERITAGE SITE | | | |
| | | PROJECT PRINCIPAL: ENDECON UBUNTU | ORIGINAL | A1 | |
| | The control of the co | TITLE: PICNIC SITE ABLUTIONS | DRG. SIZE | | |
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| ΥR | GHT | TAUNG - 42017 - ARC - PA03 | REV. | $\left \begin{array}{c} \\ \\ \end{array} \right $ | |



Picnic Site Ablutions - sanitary hardware key

REGISTRATION REG.NO. DATE

SIGNATURE

DESIGNED & APPROVED IN ACCORDANCE S.A.N.S. 1200 CIVIL ENGINEERING SPECIFICATION

Picnic Site Ablutions - water reticulation plan

Franke Stratos STRX672 1,2/1,5mm thick satin finished stainless steel double toilet roll dispenser (Code: 359716), size 156 x 141 x 303mm high for 2 rolls maximum 108mm diameter with spindle system and cylinder lock with standard

Franke key, plugged and screwed to the wall with stainless steel screws.

Franke Stratos STRX600 1,2/1,5mm thick satin finished stainless steel paper towel dispenser (Code: 359700), size 300 x 134 x 305mm high with a capacity of 300-400 towels and cylinder lock with standard Franke key,

SIGNATURE | ANGLO - NOTED DATE NAME DATE SIGNATURE MINE - NOTED NAME NAME B. Claver 19/105/2013 The N.G Masenya 2016/05/04 PROJECT ENGINEER HEAD OF PROJECTS PROCESS ENGNEER HOE-AAIC H. Labuschagne 2016/05/04 MINING PLANNER MECH ENGINEER ELEC. ENGINEER CONSTR. MANAGER PROJECT MANAGER C & I ENGINEER

ENG. MANAGER CIVIL ENGINEER MINING MANAGER

BUS. UNIT

SEQ. No.

AND AA SPECIFICATIONS WHERE APPLICABLE COPY INFRASTRUCTURE ENGINEERING 20060100 CO-ORD SYSTEM -GENERAL MANAGER