



DATA CENTRE

ELIDZ – ZONE 1A

Sanitaryware Schedule REVISION - A

aa GENERAL NOTES:

- Note all works, materials and finishes to comply with National Building Regulations, SABS, SANS, PW371–A + B, ASAQs Model Preambles to All Trades
- References: Room Data Sheets, Plans, Sections & Finishing Schedule as reference for all finishes & fittings.
- Priority: These Specifications take priority over details in the Bills of Quantities. Any discrepancies in descriptions and between documents to be brought to the attention of the Architect before any works are put in hand.
- Co-ordination: All materials and construction specifications to be read in conjunction with and coordinated with all referenced documents in the Bill of Quantities.
- Discrepancies: All documents and all on-site conditions to be checked prior to manufacture. Any discrepancies between documents to be brought to the attention of the Architect.
- “or equal and approved”, or any similar expressions, means that approval must be gained from the Architect prior to ordering or installation of alternatives. It is the contractor’s responsibility to prove parity or better prior to submission for approval.
- SABS: All materials to be SABS approved, or nearest approved equivalent.

	Client ELIDZ	Discipline Architecture			
		Drawing Originator Osmond Lange Architects			
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		Approved By	Approval Date	Scale Nil	
	Title SANITARYWARE SCHEDULE	Stage TENDER			
		Document Number 1439-DCX-AR-800-01			Rev. A

- **Quality:** All brand names give specific quality levels. Any different materials used are to be approved by the Architect prior to being brought on to site. It is the contractor's responsibility to prove parity, or better.
- **Engineer Details:** All foundations and floor slabs to be undertaken in strict accordance with Engineer's drawings and details.
- **Samples:** All works to be erected, installed or placed on site, finishes and fittings are to have a sample approved on site by the Architect. No works may be put in hand until an approved sample is in place.
- **Preparation:** Ensure full preparation prior to installation of any materials.
- **Fixings:** All fixings to be non-corrosive generally countersunk and made good on completion.
- **Quality** Refer to Quality Control for stages of works to be achieved and checked prior to proceeding to the next level. Ensure approval prior to proceeding
- All plumbing installations to comply with National Building Regulations and to have pressure tests undertaken in compliance of these regulations, certificates to be submitted.
- All tap handles to be Star pattern unless otherwise specified.
- All fittings or groups of fittings to be capable of being isolated with in-line stopcock fitted in visible position.
- Colour of all fittings to be WHITE unless otherwise stated.
- Contractor to check compatibility of all components listed under each description



Plumbing Notes

Traps:

1. White bottle trap to all basins where trap not visible
2. Chrome plated bottle trap to all basins where trap visible
3. Flexible rubber p-trap to all sinks
4. 110 PVC trap to be fitted to slop hopper

Isolation:

1. Each fitting or bank of fittings to have a stopcock in the ceiling space to isolate the unit for maintenance.
2. All hot water lines to be fully insulated all round to comply with SANS 10400 details.
3. All pipes chased into brickwork, concrete etc to be wrapped in heavy duty brown paper.

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		Document Number 1439-DCX-AR-800-02			Rev. A

SANITARY FITTINGS

S1 WC – Technical Staff (Utility Area)

WC Pan

Vaal vitreous china "Afsan" low level 90° outlet, washdown pan, code VAA-750600WH. Colour: White, including white DPE B2 heavy duty toilet seat and lid.

Cobra Watertech Junior Flushmaster exposed chrome plated flush valve, including back entry, flush pipe, rubber pan connector, wall flange, rubber seat buffer, integral vacuum breaker and non-hold open feature, all according to SANS 1240 code COB-FJ 2-100

Kimberly-Clark Professional Toilet Tissue Dispenser - Midi Jumbo Non-Stop colour White (Code: 6991000), overall size 446 x 382 x 129mm high, installed by a Kimberly Clark® installation team.

Wash Hand Basin

Vaal vitreous china 510 x 405mm "HIBISCUS" basin with two taphole configuration (code 702303) integrated overflow and chain stay hole. Colour : White.

Basin installed by bolting to wall using No. 2 x 10mm dia bolts (code VAA-8448Z0), top of basin rim to be 820mm above finished floor level.

Install in positions as indicated complete with new outlets to suit. The unit to be fixed to fully tiled wall with anchor bolts to manufacturer details and sealed along wall tiles with approved white silicone sealant.

2 x Cobra Watertech 111-15 pillar taps with star handles. Each tap to be linked with reinforced flexible hose to angle regulating valve Cobra Watertech COB-832-10 fixed to wall beneath basin, including flexible connector COB-C-15/350

White PVC bottle trap

Fix 600x 450mm mirror of 6mm thick, silvered float glass, copper backed, with polished edges, 4 x drilled for fixing with cp dome capped mirror screws above whb.

S2 Cleaners Room

Slop Hopper



Franke 1,2mm Grade 304 18/10 stainless steel model CH slop hopper, 100mm high integral splashback, with integral flushing rim fitted with a 38 x 250mm long vertical flush pipe inlet.

Cobra Watertech 'Junior' Flushmaster COB-FJ2.000 20mmØ water supply flush valve.

40 x 40 x 10mm Thick hinged bucket grid fitted over funnel.

Standard 110mm PVC P-trap to waste.

Fixed to wall with 40mm square tube gallows brackets bolted with M6 stainless steel expanding bolts. Waste fittings to be supplied as part of unit.

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		Document Number 1439-DCX-AR-800-03			Rev. A

Wash Trough

Kwikot Gumbo Series Product ID: 2078 – Wall Mounted Single Bowl Washtrough 17/0 polished stainless steel (Type 430) wash trough, Ribbed, Single Bowl.
Including No.1x 40mm waste fitting (Code: 300651) and No.1x PVC trap.

Allow for neat polysulphide bead between wash trough and wall. Any excess polysulphide to be cleaned away. Final polysulphide bead to be applied and excess cleaned away.

No.2x Cobra Classic - Star: 206EXT-15 Bib taps with hot and cold indices. ½" BSP male inlet. Manufactured according to SANS 226 TYPE2.

No.1x Standard black P-trap.

Cobra unslotted waste (Code 308).

S3 Tea Prep

Franke Quinline QLX621-120 1200 x 500mm double bowl inset sink (bowl size 410 x 343 x 167mm) built into worktop supplied by others. Tiling as per room data sheets and finish schedule. Sink is to be fully bedded in water based white sealant neatly cleaned and ensuring a waterproof joint.

Allow for neat polysulphide bead around perimeter of basin and worktop. Any excess polysulphide to be cleaned away.

Cobra Watertech Karoo single lever sink mixer with swivel outlet (Code: KO-970), with 400mm flexible inlets, complete with accessories manufactured in accordance with SANS 1480:2005.

Cobra Watertech 15mm ball type angle valve (Code: 832-10).

Cobra unslotted waste (Code 308) and anti-theft plug.

No.1x Standard black P-trap.

S4 Disability Ablution (Unisex WC)

WC in Assisted Ablution

Vaal Sanitaryware Orchid vitreous china 90° wall hung open rim pan 90° outlet open rim back inlet pan (Code: 439016) with concealed back inlet flush-valve.

Geberit Duofix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm (article no. 110.792.00.1), front actuated with Sigma30 dual-flush actuator (article no. 115.883.KN.1) in matt chrome finish, including flush pipe and pan connector, water supply connection with angle stop valve, protection cover for service opening and protection cover



WC pan to come complete with Orchid double flap wooden seat. (code 8520Z0).

Geberit remote flush actuation type 01, pneumatic, for dual flush, for Sigma concealed cistern 8cm, concealed actuator, protruding : White Alpine (article no. 116.045.11.1)

No. 1x Chairman Industries - "Railman grabrails" 32mm Ø 300x300x300mm (dogleg rail with 3 flanges) with 90mm offset.

stainless steel grade 304 satin polished finish side grab rail (code DL3) with 80mm Ø flanges countersunk with three screws, fixed to side wall strictly to manufacturer's specifications with stainless steel fixing screws and plastic wall plugs.

No. 1x Chairman Industries - "Railman grabrails" 32mmØ 750x206mm (code SR2) stainless steel grade 304 satin polished finish rear grab rail with 80mm Ø flanges countersunk with three screws, fixed to back wall strictly to manufacturer's specifications with stainless steel fixing screws and plastic wall plugs.

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		Document Number 1439-DCX-AR-800-04			Rev. A

Franke Stratos STRX 672 1,2/1,5mm thick Grade 304 18/10 satin stainless steel toilet roll holders (code: 359716), size 304 x 156 x 140,7mm deep 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.

WHB in Assisted Ablution

Duravit Vero 60cm Wall Mounted Washbasin colour white (code 045460) size 600X470x165mm deep with taphole platform, overflow fixed with screws and washers to plugs in wall, allow for neat polysulphide bead at back of basin and finished wall surface all round. Any excess polysulphide to be cleaned away. Fixed strictly according to manufacturer's specification.

Install in positions as indicated complete with new outlets to suit. The unit to be fixed to fully tiled wall with anchor bolts to manufacturer details and sealed along wall tiles.

Cobra watertech Karoo (KO-951) 15mm chrome plated single lever basin mixer with classic handle, with Cobra slotted waste (Code 303). 400mm flexible inlets, all in accordance with SANS 1480:2005.

Chrome plated PVC bottle trap.

Cobra Watertech 15mm ball type angle valve (Code: 832-10) to hot and cold supply.

Use sealant between basin and finished wall surface area for secure and neat installation.

Basin fixed to the wall with two 10 mm bolts (code 8448Z0).

Attach bolts to wall, fit basin and secure. NOTE: Do not over tighten.

Fix 500x 1000mm mirror of 6mm thick, silvered float glass, copper backed, with polished edges, fixed to 460x960x20mm Supawood panel painted on all six sides with PLASCON Velvagio WHITE and fixed to wall.

S5 WC in Office Ablution

WC Pan

Vaal Sanitaryware Orchid vitreous china 90° wall hung open rim pan 90° outlet open rim back inlet pan (Code: 439016) with concealed back inlet flush-valve.

Geberit Duofix element for wall-hung WC, 109 cm, with Sigma concealed cistern 8 cm (article no. 110.792.00.1), front actuated with Sigma30 dual-flush actuator (article no. 115.883.KN.1) in matt chrome finish, including flush pipe and pan connector, water supply connection with angle stop valve, protection cover for service opening and protection cover



WC pan to come complete with Orchid double flap wooden seat. (code 8520Z0).

WC to be fixed to the wall with a bolt-through-the-wall bracket (code 8084Z0).

Franke Stratos STRX 672 1,2/1,5mm thick Grade 304 18/10 satin stainless steel toilet roll holders (code: 359716), size 304 x 156 x 140,7mm deep 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.

Wash Hand Basin

Duravit Vero 60cm Wall Mounted Washbasin colour white (code 045460) size 600X470x165mm deep with tap hole platform, overflow fixed with screws and washers to plugs in wall, allow for neat polysulphide bead at back of basin and finished wall surface all round. Any excess polysulphide to be cleaned away. Fixed strictly according to manufacturer's specification.

 east london idz <i>business streamlined</i>	Client ELIDZ	Discipline Architecture			
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		Approved By	Approval Date	Scale Nil	
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		Document Number 1439-DCX-AR-800-05			Rev. A

Install in positions as indicated complete with new outlets to suit. The unit to be fixed to fully tiled wall with anchor bolts to manufacturer details and sealed along wall tiles.

Cobra watertech Karoo (KO-951) 15mm chrome plated single lever basin mixer with classic handle, with Cobra slotted waste (Code 303). 400mm flexible inlets, all in accordance with SANS 1480:2005. White PVC bottle trap.

Cobra Watertech 15mm ball type angle valve (Code: 832-10) to hot and cold supply.

Duravit D-Code ceramic siphon cover colour white (code 085 71800002)

Use sealant between basin and finished wall surface area for secure and neat installation.

Basin fixed to the wall with two 10 mm bolts (code 8448Z0).

Attach bolts to wall, fit basin and secure. NOTE: Do not over tighten.

Fix 500x 1000mm mirror of 6mm thick, silvered float glass, copper backed, with polished edges, fixed to 460x960x20mm Supawood panel painted on all six sides with PLASCON Velvaglio WHITE and fixed to wall.

S6 Floor Trap Drain

Green Drain series GD104 inline floor drain waterless self-sealing trap seal with UV resistant ABS plastic frame, silicone rubber sealing flapper and four flexible sealing ribs. Tested and certified to the ASSE 1072 Standard and listed with IAPMO and I.C.C. Connection size 102mm



S7 150l Geyser

Kwikot 150 Litre Slimline 600 Dual electric water heater (Code: ESG-150) complying with SABS 151-2002, overall size 1360 x 480mm high, operating at 600kPa with temperature and pressure safety relief valve including 20mm female draincock with inlet compression. Geyser to be wall mounted using supplied wall mounting brackets (Code : BKT) with 620 x 560mm wide polyethylene drip tray with union and back nut connected to 20mm PVC overflow pipe taken to soil pipe stack (Code: GSTP-760) and 22mm pipe work including two 22mm vacuum breakers (Code: KHN4.200CX) installed on hot and cold water supply. Installation to include a 22mm 600kPa Kwikot Multi control and expansion relief valve (Code: KHN3-216), all in accordance with SANS 10254, connected to single phase electrical power supply with isolator 1m away from connection on geyser.

S8 SOLAR Water Heater

200 litre Approved 20 tube solar geyser complete with standard hot dip galvanised stand for fixing to roof sheeting, and all isolator valves, couplings, pressure valves and vacuum release valves to ensure full compliance and operation to manufacturers detailed installation guides. Hot water to be fed by 25mm copper piping and with 20mm inline pumped circulating ring main to sinks and basins to ensure always-ready hot water in fully insulated piping. Piping to be supported on main roof structure or on walls, not on ceiling hangers. Include for all electrical fittings and installation.

Hot water to be set at max 45°C and all hot water piping to be 15mm copper pipe fully insulated along all exposed lengths and all chased piping to be wrapped in heavy duty brown paper.

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Installation to be installed by qualified plumber and to be complete with full 1 year guarantee from supplier, ensuring all installed in strict compliance with suppliers detailed installation instructions.

MISCELLANEOUS FITTINGS

M1 Waste Bin



Kimberly-Clark® Professional Disposer Plus wall mounted waste bin (code: SA426135), installed by a Kimberly Clark® installation team.

M2 Paper Towel Dispenser

Kimberly-Clark® Professional Roll Control hand towel dispenser (code: SA093370), installed by a Kimberly Clark® installation team.

M3 Soap Dispenser

Franke Stratos STRX 618 Grade 304 1,2/1,5mm thick 18/10 satin stainless steel soap dispensers (product code: 359705), with a replaceable and refillable 1 litre container, cylinder lock with standard Franke key, plugged and screwed to the wall with stainless steel screws.

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		Document Number 1439-DCX-AR-800-07			Rev. A