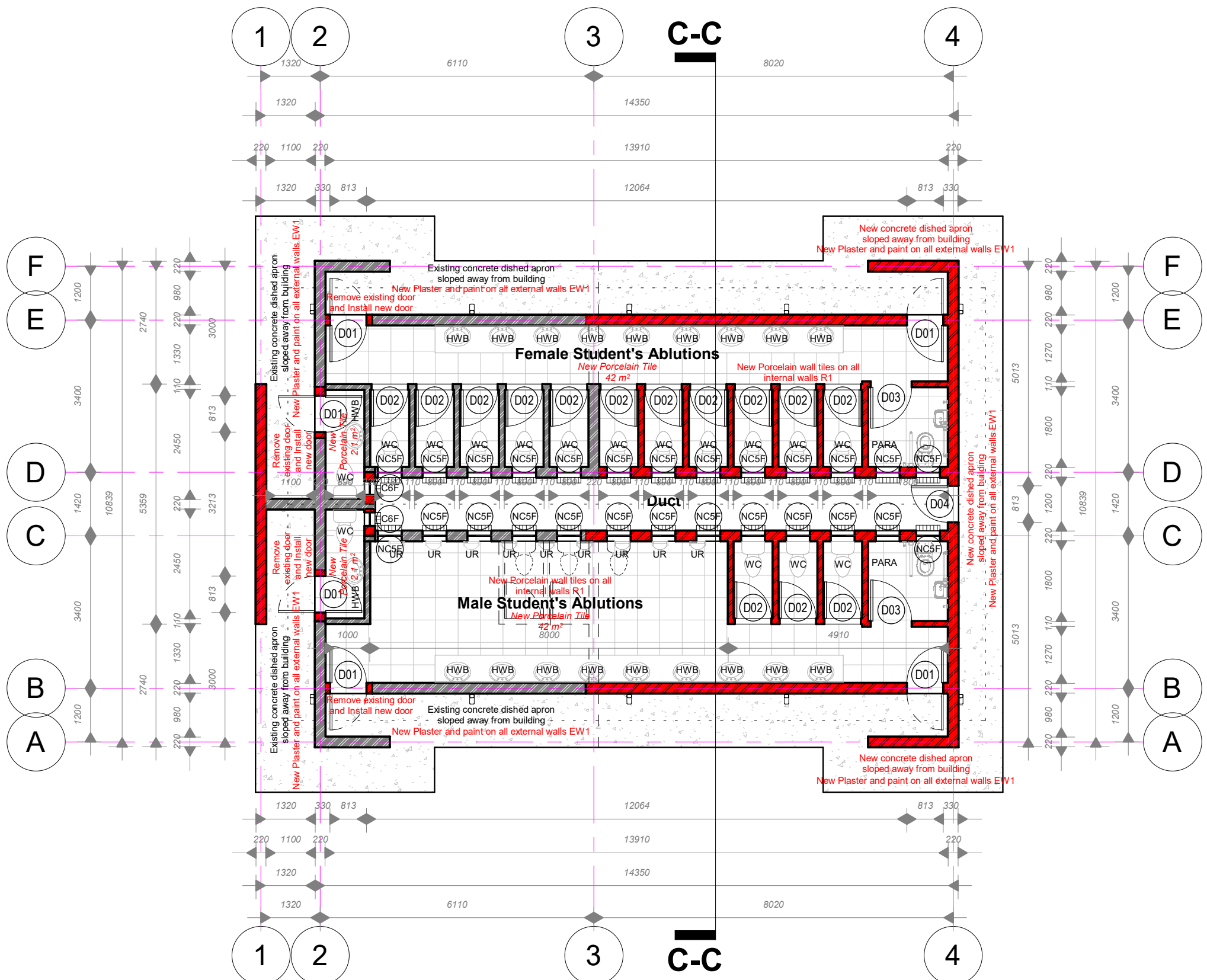


FINISHES LEGEND

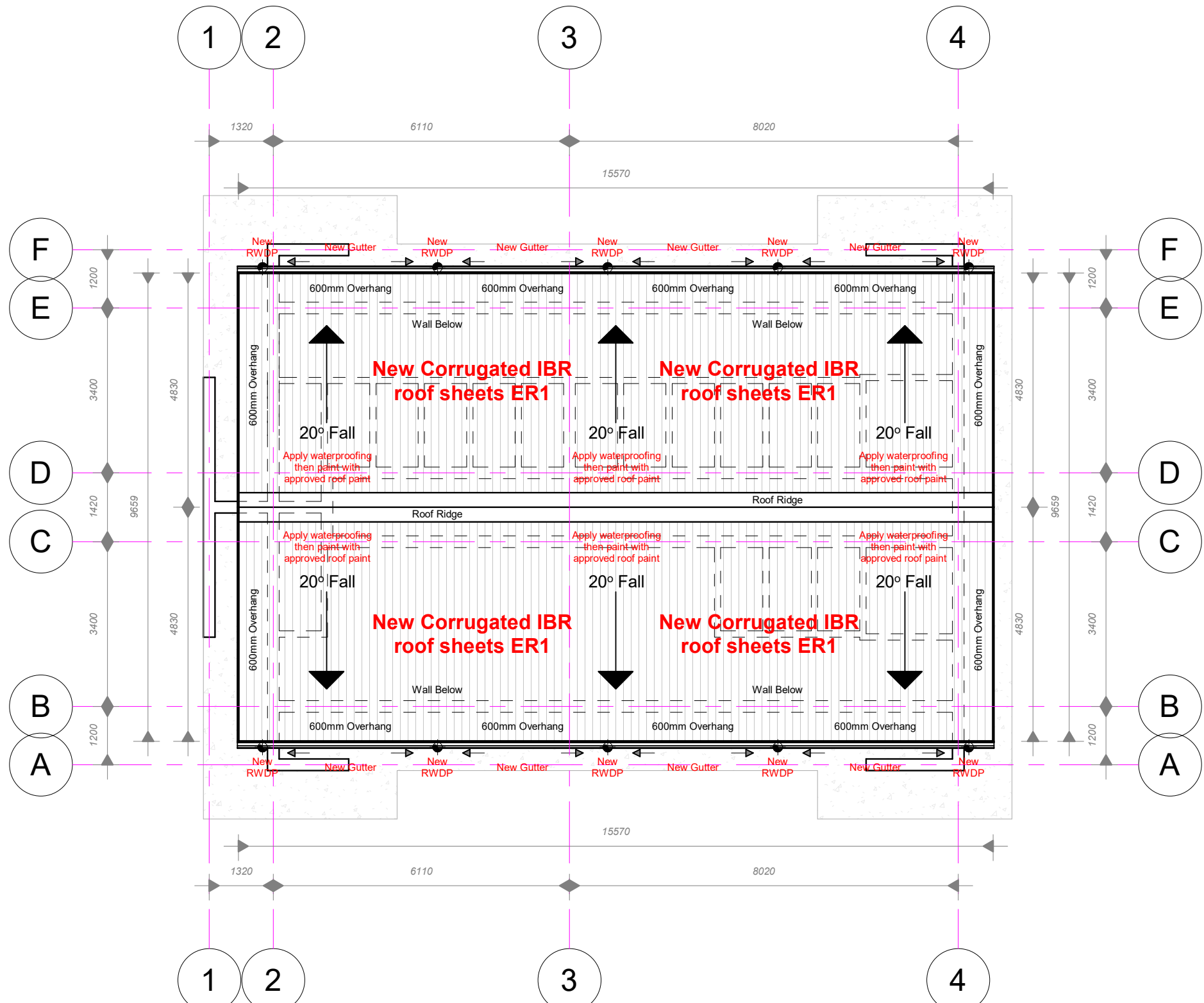
FLOORS: F1: NON-SLIP PORCELAIN FLOOR TILES 600mm x 600mm x 9mm thick non-slip porcelain floor tiles in matt finish laid to approved pattern using approved adhesive and grout. All to be manufactured and installed in strict compliance to the latest SABS approved standards. <i>Colour and end finish to architects approval.</i>
INTERIOR WALL FINISHES: R1: PORCELAIN WALL TILES – FULL HEIGHT 600mm x 300mm x 9mm high glazed porcelain wall tiles, laid on 15 mm thick plaster prepared to receive wall tiles fixed with approved adhesives and grout in compliance to manufacturer's specifications and government standard specifications. Tiles to be laid to full ceiling height. All to be manufactured and installed in strict compliance to the latest SABS approved standards.
CEILING & CORNICE: C1: SKIMMED GYPSUM CEILING 6.4mm thick gypsum plastered ceiling boards (to comply with SABS 266-1982 or later revision) installed with longer lengths to suit room configurations with 'Wire Scrim Tape' fixed over all joints and plastered with 6 mm thick light weight hemi-hydrate gypsum painted, polished and finished with 3 No. coats of super PVA external quality paint; colour to P.A's approval. Ceiling to be fixed to timber brandering with all necessary accessories to strict manufacturer's specifications. Colour and finish to match existing.
EXTERIOR WALL FINISHES: EW1: PLASTER & PAINT (ACRYLIC) – FULL HEIGHT Apply new 10mm - 15mm plaster on existing brick walls ensuring all surfaces are completely dry, clean, and free from loose contaminants, grease, or dust. Allow to dry and apply approved primer to manufacturer's specifications. Apply at least two coats of a topcoat approved water-based formulation, washable, stain resistant, UV resistant Acrylic paint as per manufacturer's directions.
ROOF: Roof Truss as per Engineer's drawings. ER1: EMBOSSED PROFILED ROOF CORRUGATED IBR SHEETS (ONE SIDE) 0.8mm thick concealed fixing roofing sheets manufactured from roll-formed from certified steel complying with ISO 552 (3T). The profile shall have three trapezoidal ribs at 203mm centres giving a nett cover of 406mm. The rib height shall be 41mm and provide capillary breaks. The male rib shall have spurs at 285mm centres to ensure a positive double interlocking action at side-laps. Each pan shall incorporate two stiffener ribs. Profiled roof sheets to be coated on one side with Z275 galvanising (commercial quality) to SABS 934 or later editions laid on approve insulation on structural Timber/Steel structure incorporating all necessarily accessories such as flashings and eave closers in strict compliance to Manufacturers instructions. INSULATION SHALL BE: 4mm Alububble 1983 D10 both sides reflective foil. To be stapled under timber battens as per manufacturer's instructions. ER2: GALVANISED ROOF FLASHING 0.8mm Galvanised Roof flash sheeting manufactured from roll-formed galvanised sheets certified steel, fixed to roof sheets with fasteners in accordance to the manufacturers recommendations to match existing and to be waterproofing and flashing.
ER3: FIBRE CEMENT FASCIA AND BARGE BOARDS 200mm x 12mm thick medium density fibre cement fascia and barge boards to be installed for finishing of eaves and rafter ends that result in a completed roof that is protected against rain ingress. To be fastened with fasteners in accordance to manufacturer's recommendations.
GUTTERS & RAIN WATER DOWNPIPES RG1: 150mm X 150mm SEAMLESS ALUMINIUM GUTTER Seamless Aluminium Gutter 150mm x 150mm Aluminium alloy. Gauge 0.9mm dependent upon the profile, colour to Architects approval. RWDP1: 100mm X 75mm SEAMLESS ALUMINIUM RAIN WATER DOWN PIPE Seamless Aluminium Rain water down pipe 100mm x 75mm Aluminium alloy. Gauge 0.9mm, colour to be Architect's approval.
SANITARYWARE URINALS & WC's: Z1: WC 1 (Back-to-Wall WC) Vitreous china 90° outlet, top inlet closed rim back-to-wall pan to comply with SABS 497. Fitted complete with exposed top inlet flush-valve complete with all necessary fittings to manufacturer's specification and applicable SABS standards. Z2: WC 2 (Disabled) Vitreous china 90° outlet, back inlet pan to comply with SABS 497. Fitted complete with Back inlet exposed flushvalve complete with all necessary fittings as per manufacturer's specifications and applicable SABS standards. Flush valve to be fitted with suitable extension lever. Z3: URINAL 1 Vitreous china size 415mm x 315mm x 275mm wall hang bowl urinal to comply with SABS 497. Supplied with suitable 38mm CP domical grating. CP top inlet spreader and two hanger brackets and fitted with exposed flush-valve, and suitable bottle trap chrome finish as per manufacturer's specifications and applicable SABS standards. WASH HAND BASINS: B1: VANITY WHB & MIXER TAP (Vanity) Ceramic fireclay size 580mm x 510mm rectangular self-rimming vanity basin to comply with SABS 497 in one taphole configuration supplied without overflow and fitted with; 1 No. Chrome Plated basin mixer-one hole, with cast swivel outlet, pop-up waste assembly, mounting kit and angle valves, 400mm long flexible inlets and Chrome Plated bottle trap supplied with all necessary pipe connections. Basin mounted on cabinet or vanity slab with silicone sealant between contact areas in strict accordance to manufacturer's specification. B2: DISABLED BASIN & MIXER TAP Vitreous china 510mm x 420mm semi rounded lavatory basin to comply with SABS 497, in single tap hole configuration fitted with; 1 No chrome plated Elbow action pillar-tap, with ½ turn ceramic disc head and Blue & Red indicators water applications and flanged backnut, chrome plated waste, chrome plated 32mm standing overflow tube, chrome plated Bottle Trap supplied with all necessary pipe connections. Fixed with concealed wall bracket in accordance to the manufacturer's specifications. SANITARY ACCESSORIES: K1: TOILET ROLL HOLDER (3-roll) 3 toilet roll dispenser in white plastic. Complete with screws, locking key, and all necessary accessories and installed in accordance to manufacturer's specifications. K2: MIRROR (600X900) 6mm thick clear float glass silver-backed mirror, size 600mm x 900mm height with polished bevelled edges 4 times holed for and fixed, with chromium plated dome-headed mirror screws. K3: PAPER TOWEL DISPENSER 350mm W x 365 mm H x 230mm D tear and dry paper hand towel dispenser in White plastic. Complete with screws, locking key and all necessary accessories and installed in accordance to manufacturer's specifications. K4: HAND DRYER (Hands free) As per Electrical Engineers specification. K5: SANITARY BIN (PLASTIC) 190mm x 320mm x 600mm Plastic Sanitary Pedal Bin with capacity of 100 Liners per pack Complete with all necessary accessories and installed in accordance to manufacturer's specifications. K6: SS SOAP DISPENSER (Wall Mounted) 100mm W x 304mm H x 134mm D Soap Dispenser manufactured from 18/10 Stainless Steel, surface Satin Finish, material thickness 1.5mm, replaceable and refillable 1 Litre, cylinder lock with standard key, including screws and dowels and all other necessary accessories in accordance to manufacturer's specifications. K7: SOAP DISPENSER (Hands free) 115mm W x 270mm H x 110mm D plastic Hands Free soap dispenser. Complete with screws, locking key, and all necessary accessories and installed in accordance to manufacturer's specifications. K8: SS SANITARY TOWEL DISPOSAL BIN Heavy Duty Stainless Steel Pedal sanitary Bin (26ltr) with Plastic Removable Bucket Manufactured from 0.7mm Stainless Steel 430 Mirror Finished Interior and Exterior. K9: SIDE GRAB RAIL (with centre flange) 332mm diameter stainless steel side grab rail with centre flange in satin polished finish complete with SS fixing screws and plastic wall plugs. Installed as shown on drawing, and as per manufacturer's instructions. K10: BACK GRAB RAIL (flush valve toilet) 32mm diameter stainless steel flushvalve back rail in satin polished finish, complete with SS fixing screws and plastic wall plugs, installed at 800mm above floor level as per manufacturer's instructions. K11: GRAB RAIL 300MM LONG (pull handle) 300mm x 32mm diameter stainless steel general-purpose rail, in satin polished finish complete with SS fixing screws and plastic wall plugs. Installed as shown on drawing as per manufacturer's instructions.
GENERAL WALL / CEILING MOUNTED FITTINGS G1: DOOR PROTECTOR 200mm wide uPVC Door Protector manufactured in high impact resistant rigid uPVC (Colour Grey) and cut to suit door width from 3m length, installed strictly in accordance to manufacturer's specifications. Installation height 900mm above FFL, or as specified.
WINDOW SILLS H1: CLAY FACE BRICK Clay Face Brick FBS in soldier course to comply with SABS 227 and forming part of the structural work. Solid brick on edge and Mortar joints keyed to approval.
MISCELLANEOUS PAINT ON GALVANISED STEEL ROOF SHEETS Remove loose paint from previously painted surfaces. Scrub and wash with galvanised iron cleaner. Rinse thoroughly with clean water. Sand or abrade to remove any rust stains, wipe clean and treat affected areas with a rust remover. Where galvanised Steel was unavoidably welded on site, clean joint and cold galvanise to approval. Paint galvanised steel by applying two (2) coats emulsion roof paint to comply with SABS 940. DULUX WATERPROOFING MEMBRANE 80gsm WITH WATERPROOFING PAINT Ensure that surfaces are sound and free from dust, oil, grease, dirt, fungal growth and debris. Surfaces must be thoroughly dry - no more than 12% moisture content. Remove all loose rust and white scale by means of wire brushing, sanding, chipping, or mechanical scouring - down to bright metal. To remove dirt, salts and zinc corrosion (white rust) clean thoroughly with Dulux Galvanised Iron Cleaner achieving a water-break free surface. Areas showing red rust must be removed back to bright galvanised iron spot primed with Dulux Trade Corrocoat 1 or Dulux Galvanised Iron Primer followed by one full coat of the same primer, overcoat with Dulux Waterproofing within 48 hours. An acrylic waterproofing paint developed to be used with a mesh membrane. Suitable on flashing, roof pans, roof screws, parapets and chimney capping. Apply two (2) coats of Dulux waterproofing on Dulux waterproofing membrane. First Coat: Roll or Brush a thick coat of Dulux Waterproofing (1litre/ m²). Work the membrane into the wet coat by using a roller or a stiff brush, avoiding the formation of bubbles or creases in the material. Second Coat: Once the first coat has dried sufficiently to take working traffic (2 – 3 hours depending upon weather), apply a second coat of Dulux Waterproofing (0.7 litre/m²) to ensure the membrane is completely wet. Third Coat: Once the second coat is dry, apply a final coat of Dulux Waterproofing at the spreading rate of second coat (0.7 litre/m²). <i>Note On flat surface. Membrane overlaps should be a minimum of 100mm. Allow a minimum drying period of 30 minutes before applying. Thinner Drying Time Recoating Time Cleaning of equipment Substrates Precautions SURFACE PREPARATION Thinning not recommended.</i>

IKHALA TVET COLLEGE
STERKSPRUIT BUSINESS CENTRE



Ablutions Floor Layout

1 : 100



Ablutions Roof Layout

1 : 100

ABLUTIONS FLOOR LAYOUT, ROOF LAYOUT

1:100

GENERAL NOTES • ALL DIMENSIONS ARE IN mm AND MUST BE CHECKED ON SITE AND DRAWINGS MUST NOT BE SCALED. • THIS DRAWING MUST NOT BE COPIED, FIGURED DIMENSIONS ONLY TO BE USED. • DISCREPANCIES, ERRORS AND DIMENSIONS ARE TO BE REPORTED TO THE ARCHITECT (EMPLOYER) IMMEDIATELY THEY BECOME EVIDENT FOR RECTIFICATION OR CLARIFICATION BEFORE ANY CONSTRUCTION MAY COMMENCE. • ALL DIMENSIONS AND LEVELS ARE TO BE VERIFIED ON SITE PRIOR TO COMMENCING SETTING OUT, WORKSHOP DRAWINGS OR CONSTRUCTION. • ALL MATERIALS AND CONSTRUCTION MUST COMPLY WITH THE NATIONAL BUILDING REGULATIONS (ACT NO 103 OF 1977) INCLUDING ALL AMENDMENTS, SANS 10400 AS WELL AS THE BY-LAWS OF THE LOCAL AUTHORITIES. • ALL MATERIALS MUST BE FIXED AND FINISHED STRICTLY TO MANUFACTURER'S SPECIFICATION, UNLESS OTHERWISE SPECIFIED. SHOP DRAWINGS TO BE SUBMITTED FOR APPROVAL PRIOR TO MANUFACTURE OR INSTALLATION. • COPY RIGHT AND RIGHT OF REPRODUCTION OF THIS DRAWING OR ANY PORTION THEREOF IS RESERVED BY GREENFIELD RESOURCES.		
LEGEND TO FINISHES: CEILING FINISH FLOOR FINISH WALL FINISH SKIRTING FINISH C F R S		
A	20-09-2025	DESIGN DEVELOPMENT
REV. NO.	DATE	DESCRIPTION
REVISION		
DEPARTMENT:		
 higher education & training Department: Higher Education and Training REPUBLIC OF SOUTH AFRICA		
CLIENT:		
 IKHALA TECHNICAL AND VOCATIONAL EDUCATION & TRAINING COLLEGE		
PRINCIPAL AGENT:		
 GREENFIELD RESOURCES INTEGRITY EFFICIENCY AGILITY		
Project:		
ALTERATIONS & ADDITIONS TO IKHALA TVET COLLEGE STERKSPRUIT BUSINESS CAMPUS		
Master Plan Reference:		
IKHALA TVET COLLEGE: STERKSPRUIT BUSINESS CAMPUS		
Drawing:		
ABLUTIONS FLOOR LAYOUT, ROOF LAYOUT		
Status:		
STAGE 3: DESIGN DEVELOPMENT		
Drawn By:	M M	Drg. No:
Checked By:	T N	P 25006 DWG A055-03 MM
Scale:	As Shown	Rev. No:
Date:	20-09-2025	A
Project No:	P 25006	