

Drawings

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

FINISHES SCHEDULE

MAY 23, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -500

ROOM SCRPTION: BULK FREEZER ROOM_K0-101_16m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -501

ROOM SCRIPTON: BULK COLD ROOM_K0-102_24m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -502

ROOM SCRIPTON: VEG PREP AREA / GEERAL_K0-103_31m²

WALLS

- New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -503

ROOM SCRIPTON: POT WASH AREA_K0-104_9m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -504

ROOM SCRIPTON: CHEMICAL STORE_K0-105_7m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -505

ROOM SCRIPTION: DRY STORE_K0-106_17m²

WALLS

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -506

ROOM SCRIPTION: BEVERAGE STORE_K0-107_10m²

WALLS

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Eggshell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -507

ROOM SCRIPTON: BEVERAGE COLD ROOM_K0-108_8m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -508

ROOM SCRIPTON: FEMALE TOILET _K0-109_13m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Lockers standard entry level locker with reinforced doors with top hat stiffners side fixing holes for easy assembly colour to be approved at 1800h mm x 300w mm x 450d mm with 3 doors per module with piano hingers.
- Locker Beach unit standard Combines seating mounted on frames and seating installed against walls standard lengths of 900mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electroplating + powder coating of legs recommended for high humidity areas.
- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser

- Paper towel dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Wall mounted soap tray rectangle soap basket Material 304-grade stainless steel 200x100x35mm
- Wall mounted shower hooks Bathroom Towel Hook Robe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Polished Finish
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -509

ROOM SCRIPTON: MALE TOILET _K0-110_12m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Lockers standard entry level locker with reinforced doors with top hat stiffners side fixing holes for easy assembly colour to be approved at 1800h mm x 300w mm x 450d mm with 3 doors per module with piano hingers.
- Locker Beach unit standard Combines seating mounted on frames and seating installed against walls standard lengths of 900mm x 370mm Manufactured in angle iron, square or round tubing wood and steel seat Electroplating + powder coating of legs recommended for high humidity areas.
- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser

- Paper towel dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Wall mounted soap tray rectangle soap basket Material 304-grade stainless steel 200x100x35mm
- Wall mounted shower hooks Bathroom Towel Hook Robe Hook Shower Kitchen Wall Hanging Hooks Wall Mount SUS 304 Stainless Steel Polished Finish
- Urinal dividers urinal screens manufactured using 12mm Compact High-Pressure Laminate, dimensions 750mm x 450mm code: CSUSWE, (colour: Standard stock held colour range). Urinal Screens to be fixed to wall using aluminium extrusion
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -510

ROOM SCRIPTON: TOILET _K0-111_2m²

FLOORING:

- Floor finish to be 600 x 600mm slip resentence ceramic floor tile with 3mm light grey colour grout joints installed in accordance with manufacturer's recommendations. Bathroom floors to be laid with perimeter polysulphide soft joints.

WALLS

- Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door hight and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.

SOFFIT

- Prepare and apply 1 coat Hicover Primer and 2 coats Hicover Acrylic Coating to approved colour.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Prepare and apply 1 coat aquaprime AR Masonry Primer and 2 coats Akrosilk Pure Acrylic Egghell Coating to approved colour.
- Ironmongery to be serviced cleaned and reused

SANITARYWARE

- Refer to sanitary Schedule

SUNDRIES

- Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
- Soap Dispenser 500ml Wall Mounted Soap Dispenser
- Paper towel dispenser Auto towel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
- Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts.

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

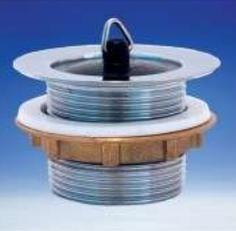
SANITARY SCHEDULE

SANITARY SCHEDULE

MAY 23, 2022
THE CREATIVE AXIS ARCHITECT

90 PLEIN PLAN KITCKEN GROUND FLOOR

ROOM Scription: FEMALE TOILET _K0-109_13m²

IMAGE	QTY	DESCRIPTION
	2 x	<p>Metsi - Taps - Stop Taps - Chrome</p> <p>Notes: Metsi underwall stop tap, chrome. Includes: 15mm copper inlets, and sliding wall flange. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>109mm</p>
	1 x	<p>Showers - Shower Arms - Chrome</p> <p>Notes: Arm with wall flange, 1/2" male inlet. Includes: shower arm, sliding wall flange, 1/2" male inlet x 1/2" male outlet x ±158mm throw, chrome plated.</p> <p>158mm</p>
	1 x	<p>Prestex - Showers - Shower Heads - Chrome</p> <p>Notes: Prestex single-function shower head, chrome. Includes: 1/2" BSP female inlet.</p>
	3 x	<p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p>
	2 x	<p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p>

	2 x	<p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p>
	2 x	<p>Basins - Fixations - Chrome Notes:</p> <p>Fixing Bolt Set 10mm - Set of 2. Related</p> <p>To: VAA-702303WH</p>
	2 x	<p>Classic - Basins - Pedestals - White</p> <p>Notes: Vitreous china classic full pedestal. 685mm</p> <p>Related To: VAA-702303WH</p>
	2 x	<p>Wastes, Traps & Overflows - Basin Wastes - Chrome</p> <p>Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut.</p>
	2 x	<p>Water Saving - Taps - Spare Parts - Chrome</p> <p>Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm FXF connecting hose.</p>
	2 x	<p>Aquasave - Toilets - Low-Level - White</p> <p>Notes: Aquasave vc suite c/w seat.</p>

90 PLEIN PLAN KITCKEN GROUND FLOOR

ROOM SCRIPITION: MALE TOILET _K0-110_12m²

IMAGE	QTY	DESCRIPTION
	2 x	<p>Metsi - Taps - Stop Taps - Chrome</p> <p>Notes: Metsi underwall stop tap, chrome. Includes: 15mm copper inlets, and sliding wall flange. SANS 226 Type 2, DZR brass, JASWIC-listed. 109mm</p>
	1 x	<p>Showers - Shower Arms - Chrome</p> <p>Notes: Arm with wall flange, 1/2" male inlet. Includes: shower arm, sliding wall flange, 1/2" male inlet x 1/2" male outlet x ±158mm throw, chrome plated.158mm</p>
	1 x	<p>Prestex - Showers - Shower Heads - Chrome</p> <p>Notes: Prestex single-function shower head, chrome. Includes: 1/2" BSP female inlet.</p>
	3 x	<p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p>
	2 x	<p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p>
	2 x	<p>White Alpin size 305 x 290mm, fixed to wall with 2No. 8 x 120mm mounting bolts.</p>

	2 x	<p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p>
	2 x	<p>Basins - Fixations - Chrome Notes:</p> <p>Fixing Bolt Set 10mm - Set of 2. Related</p> <p>To: VAA-702303WH</p>
	2 x	<p>Classic - Basins - Pedestals - White</p> <p>Notes: Vitreous china classic full pedestal. 685mm</p> <p>Related To: VAA-702303WH</p>
	2 x	<p>Wastes, Traps & Overflows - Basin Wastes - Chrome</p> <p>Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut.</p>
	2 x	<p>Water Saving - Taps - Spare Parts - Chrome</p> <p>Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm FXF connecting hose.</p>
	2 x	<p>Aquasave - Toilets - Low-Level - White</p> <p>Notes: Aquasave vc suite c/w seat.</p>

90 PLEIN PLAN KITCKEN GROUND FLOOR

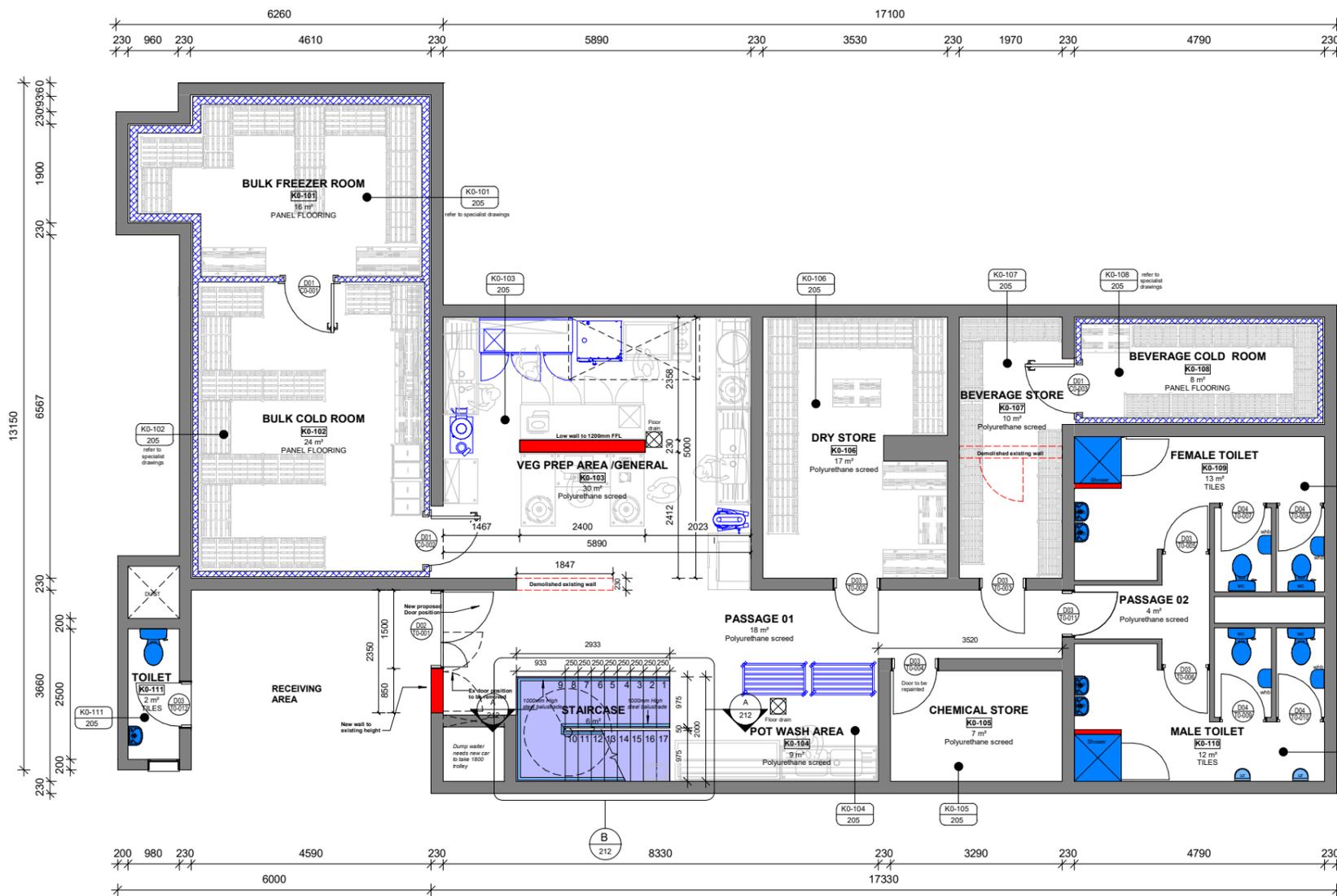
ROOM Scription: TOILET _K0-111_2m²

IMAGE	QTY	DESCRIPTION
	1 x	<p>Wastes, Traps & Overflows - Bath/Sink Wastes - Chrome</p> <p>Notes: Unslotted bath/sink waste, chrome-plated. Includes: 70mm diameter flange, 45mm long shank, and 1 1/2" BSP male outlet connection. Brass back nut.</p> <p>70mm x 70mm x 45mm</p>
	1 x	<p>Metsi - Taps - Pillar Taps - Chrome</p> <p>Notes: Metsi pillar tap, chrome-plated. Includes: hot and cold indices, 1/2" BSP male inlet, and flanged backnut. SANS 226 Type 2, DZR brass, JASWIC-listed.</p> <p>28mm</p>
	1 x	<p>Hibiscus - Basins - Wall-Hung - White</p> <p>Notes: Rounded wall-hung basin with three semi-punched tapholes, integrated overflow, and chain stay hole through the centre semi-punched taphole.</p> <p>510mm x 405mm x 130mm</p>
	1 x	<p>Basins - Fixations - Chrome Notes: Fixing Bolt Set 10mm - Set of 2. Related To: VAA-702303WH</p>
	1 x	<p>Classic - Basins - Pedestals - White Notes: Vitreous china classic full pedestal. 685mm Related To: VAA-702303WH</p>

	1 x	<p>Wastes, Traps & Overflows - Basin Wastes - Chrome</p> <p>Notes: Slotted basin waste with plug, chrome-plated. Includes: 62mm diameter flange, 77mm long shank, and 1 1/4" BSP male outlet connection. Polymer back nut.</p>
	1 x	<p>Water Saving - Taps - Spare Parts - Chrome</p> <p>Notes: Flow restrictor set for open ended taps including a 2 l/min & a 4 l/min pressure compensating flow restrictor, angle regulating valve adaptor, rubber washer, angle regulating valve, round wall flange & 15mm FXF connecting hose.</p>
	1 x	<p>Aquasave - Toilets - Low-Level - White</p> <p>Notes: Aquasave vc suite c/w seat.</p>

PRODUCT WARRANTY:

1. 20 years taps & mixers, wastes, capillary and compression fittings
2. 5 years showerheads
3. 2 years electronic mixers components and valves
4. 2 years valves (geyser and toilet)
5. 10 years Cobra-Safe multi-layer pipe system (must be used with Cobra compression fittings and Cobra-Safe inserts or warranty shall be void)
6. 10 years on all baths, shower trays and vanities, except Tanya, Widestar and Scarlett baths which carry a 5 year warranty
7. 20 years on baths with Amazonite coating
8. 1 year on spa bath fittings and on all bath panels
9. 10 years on all sanitaryware
10. 6 months on all toilet seats supplied by Vaal Sanitary



100 - GROUND FLOOR PLAN
SCALE 1 : 50

- NEW BRICK WALLS FINISH AS PER LAYOUT
- NEW COLDROOM BY SPECIALIST
- EXISTING WALL
- DEMOLISHED

PROJECT SCOPE:

WALLS
New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES
100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES
Preparation areas & store rooms
Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM
Cold Room floors by specialist

CEILING
Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint
Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance
HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS
New doors to match existing
Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS
Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT
Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

No.	DATE	AMENDMENT	D.P.W
A	2019/02/28	Issue for Information	
B	2019/07/12	Issue via email	
C	2019/08/16	Issue via email	
D	2019/11/06	Issue for Information	
E	2021/08/18	Issue for Information	

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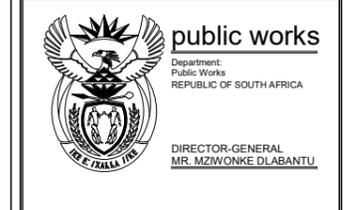
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date: _____
signature: _____

Architect
name: Bhavik Ranchod
date: 2021/08/18
signature: o.b.o

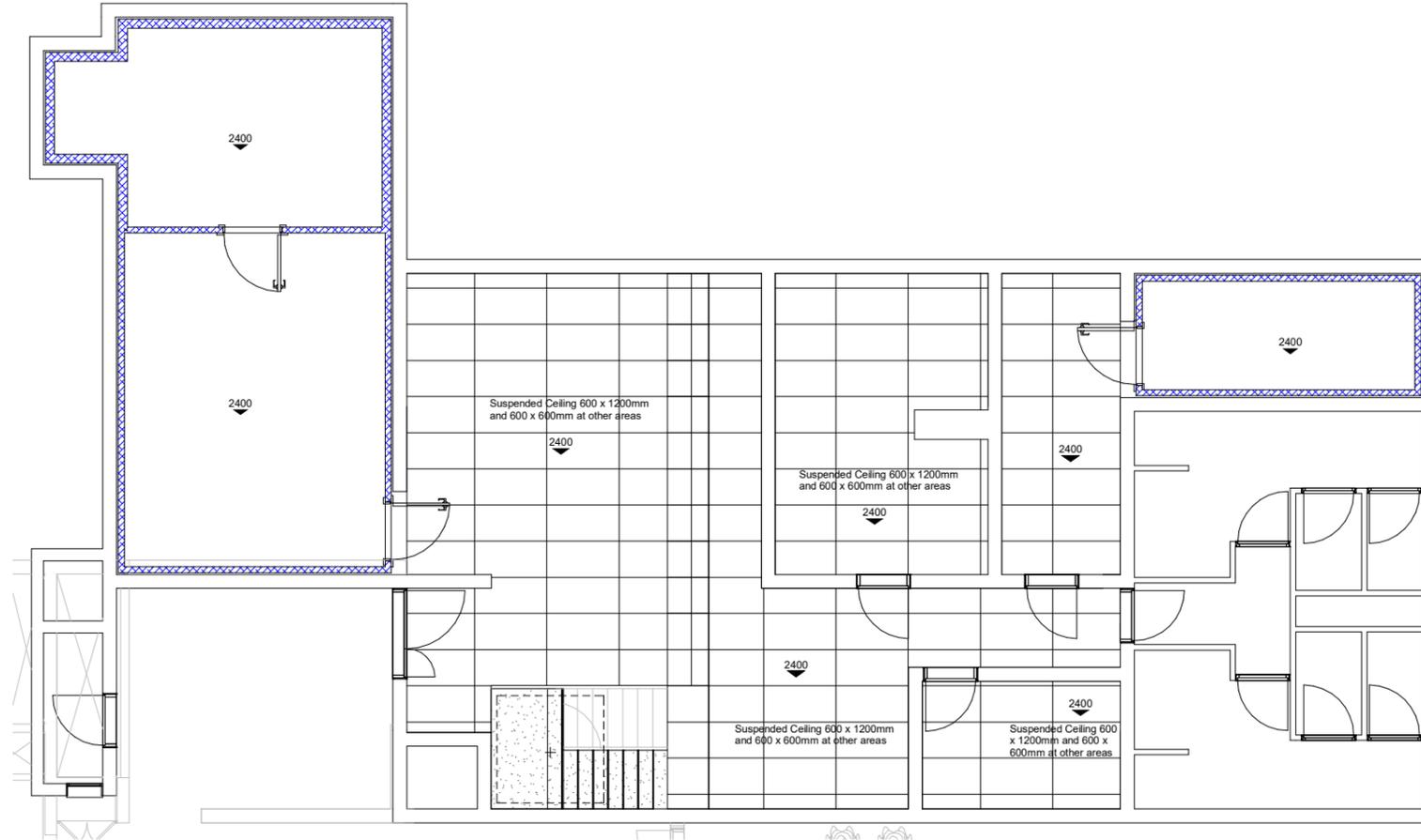
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Discipline **ARCHITECTURE**
Service _____

PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK.

WCS number **05496**
Drawing
90 PLEIN KITCHEN PLAN
GROUND FLOOR
Ref.no _____ Designe Designer
Scal **1 : 50** Draw Arthur
Dat **2019/07/12** Checka Bhavik
Drawing Current
WC015 - 100 E



GROUND FLOOR CEILING PLAN
SCALE 1 : 50

PROJECT SCOPE:

WALLS

New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES

Preparation areas & store rooms

Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM

Cold Room floors by specialist

CEILING

Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint
Fire Performance
Class A; ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A, Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

New doors to match existing

Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS

Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT

Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

No.	DATE	AMENDMENT	D.P.W
A	2019/05/28	Issue for information	
B	2019/07/12	Issue via email	
C	2019/08/19	Issue via email	
D	2019/11/06	Issue for information	
E	2021/08/18	Issue for information	

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signature: _____

Architect
name: Bhavik Ranchod
date: 2021/08/18
signature: o.b.o

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DPM PARLIAMENTARY KITCHENS_WC_015 DPM PARLIAMENTARY
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Discipline **ARCHITECTURE**
Service _____

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

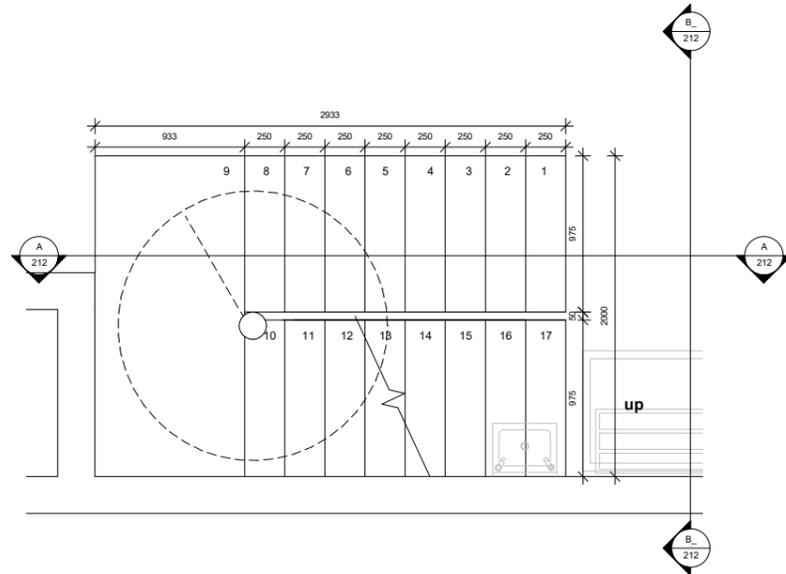
WCS number **05496**

Drawing **90 PLEIN KITCHEN PLAN**

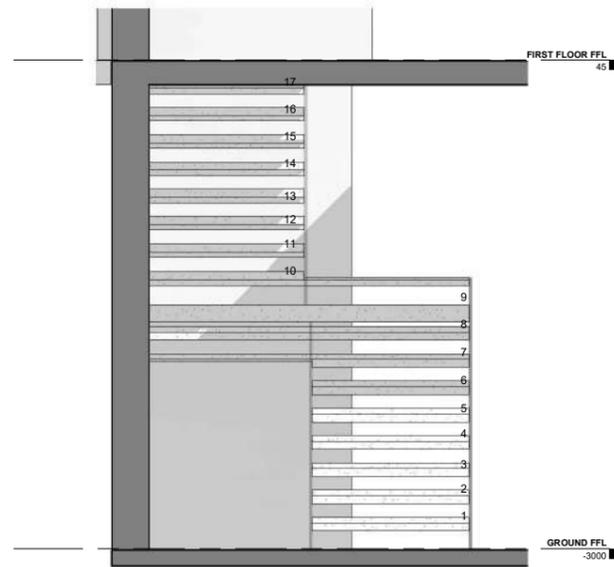
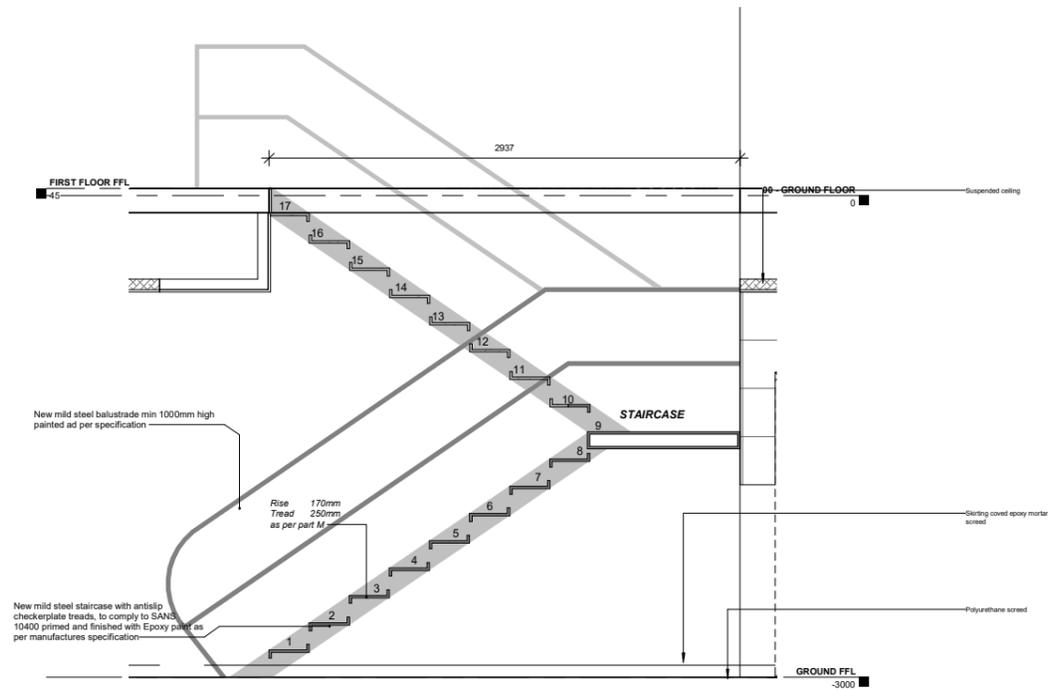
GROUND FLOOR CEILING 90 PLEIN

Ref.no	Designe	Designer
Scal	1 : 50	Draw Arthur
Dat	2019/05/29	Checko Bhavik
Drawing	Current	

WC015 - 210 E



STAIR CASE FLOOR PLAN
SCALE 1 : 20



SECTION B
SCALE 1 : 20

No.	DATE	AMENDMENT	D.P.W
A	2019/02/28	Issue for Information	
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C	2019/08/16	Issue via email	
D	2019/11/06	Issue for Information	
E	2021/08/18	Issue for Information	

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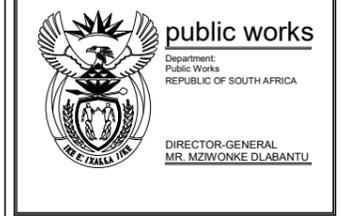
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name: _____
date: _____
signature: _____

Project Manager
name: _____
date: _____
signature: _____

Architect
name: Bhavik Ranchod
date: 2021/08/18
signature: o.b.o

cad file name: C:\Users\Arthur\OneDrive - The Creatives Architects\Documents\WC_015 DPM PARLIAMENTARY KITCHENS - WC_015 DPM PARLIAMENTARY KITCHENS\AS Design Concept\AS_200 Stair Design\Stair_2002_05_21\WC015_200 - Ground Floor 00 Plan.kitchen.rvt
page type: **A1**



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Service: _____

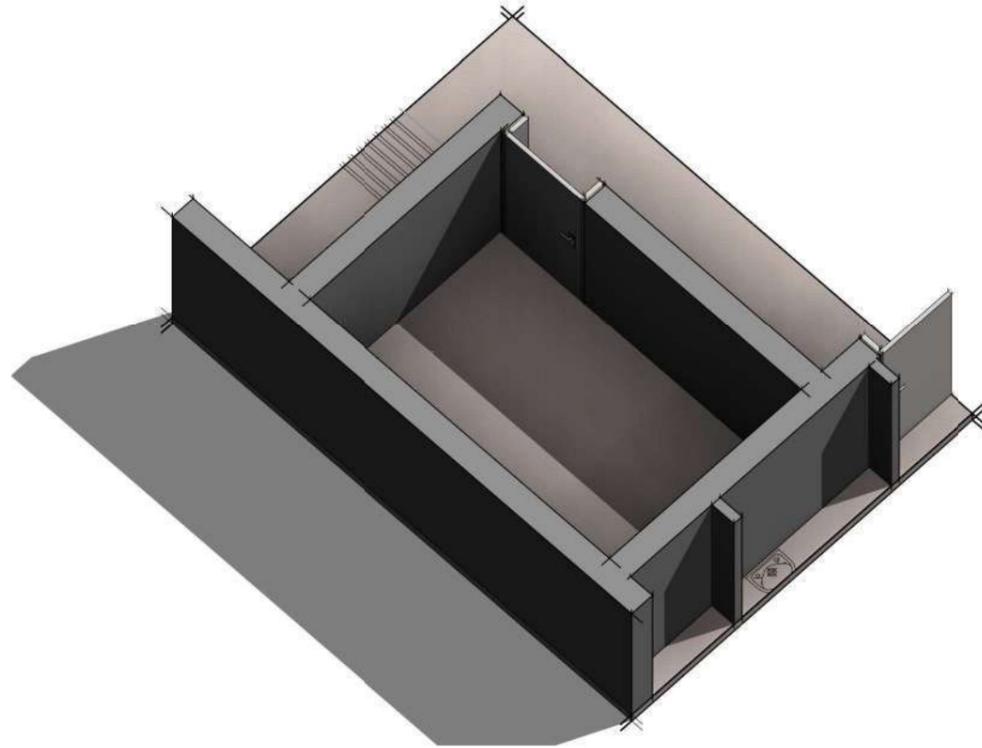
**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

WCS number: **05496**

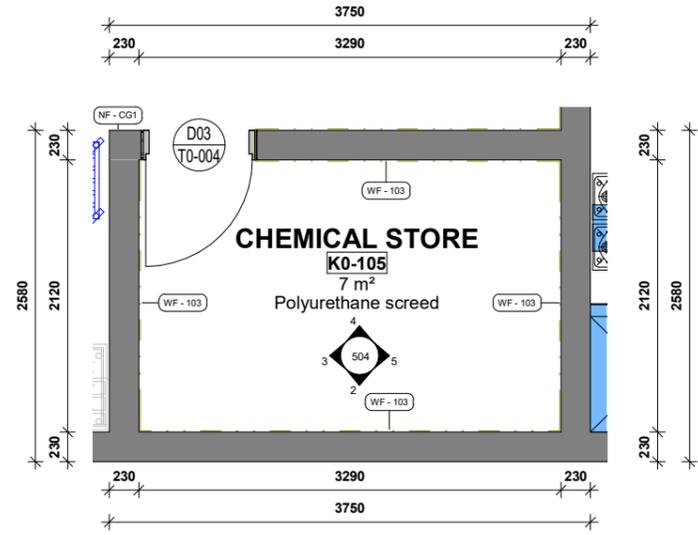
Drawing: **90 PLEIN KITCHEN PLAN**

Ref.no	Design	Designer
Scal	1 : 20	Draw Arthur
Dat	2019/11/06	Checko Bhavik
Drawing	Current	Current

WC015 - 212 E

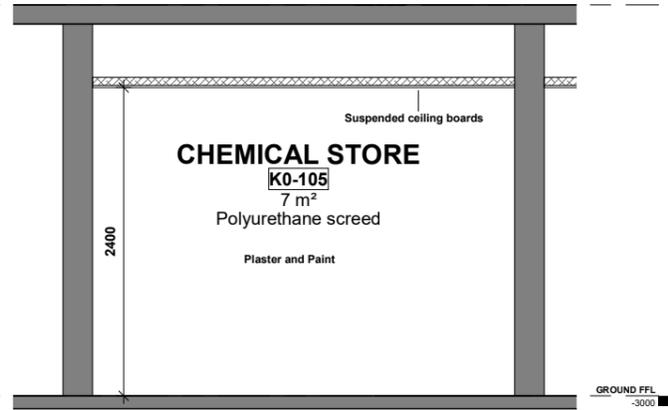


CHEMICAL STORE K0 - 105 OVERVIEW
SCALE

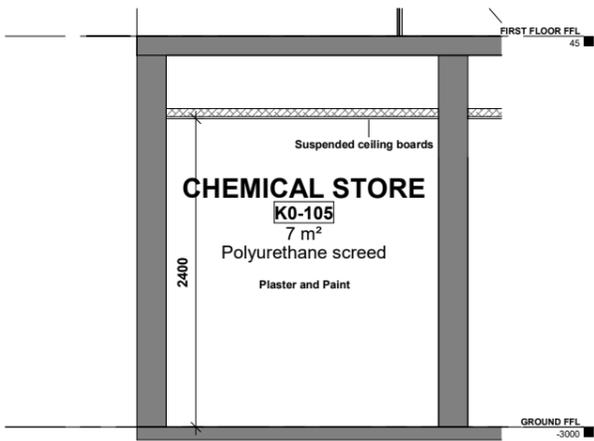


504 - CHEMICAL STORE DATA_K0-105
SCALE 1 : 25

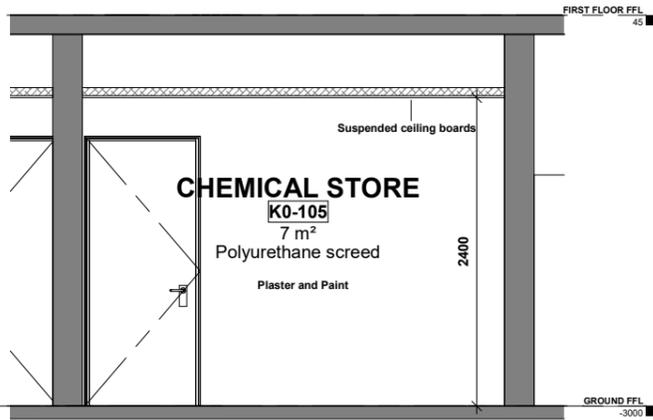
NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 103	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hcover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A; Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.



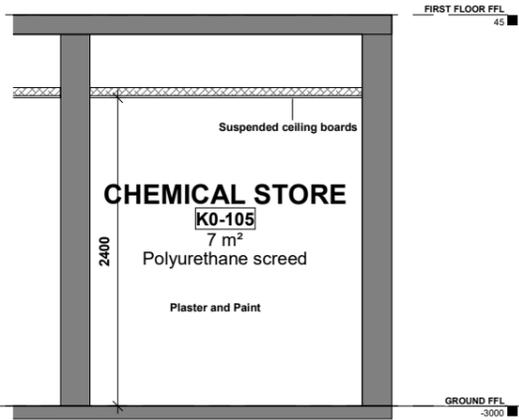
CHEMICAL STORE 01
SCALE 1 : 25



CHEMICAL STORE 02
SCALE 1 : 25



CHEMICAL STORE 03
SCALE 1 : 25



CHEMICAL STORE 04
SCALE 1 : 25

No.	DATE	AMENDMENT	D.P.W

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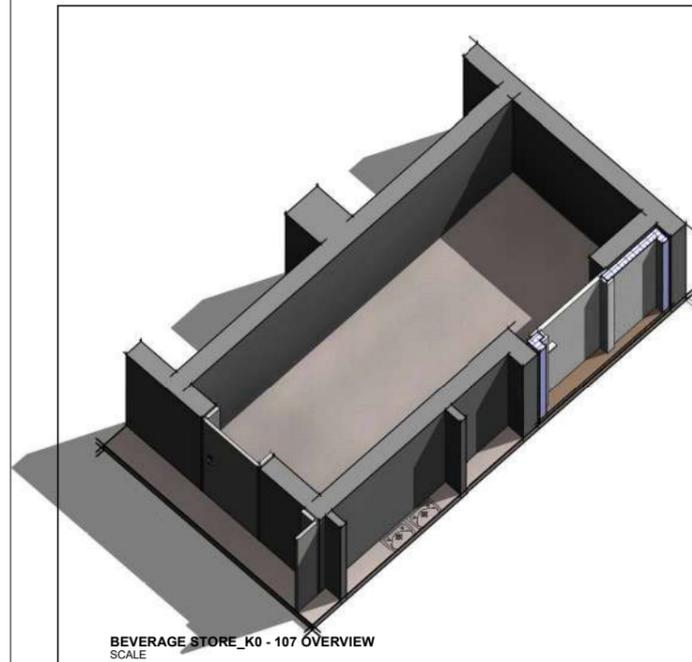
WCS number **05496**

Drawing **90 PLEIN KITCHEN PLAN**

CHEMICAL STORE K0 - 105

Ref.no	Design	Designer
Scale	Draw	Author
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Dat	Check	Checker
05/23/22		
Drawing	Current	

WC015 - 504



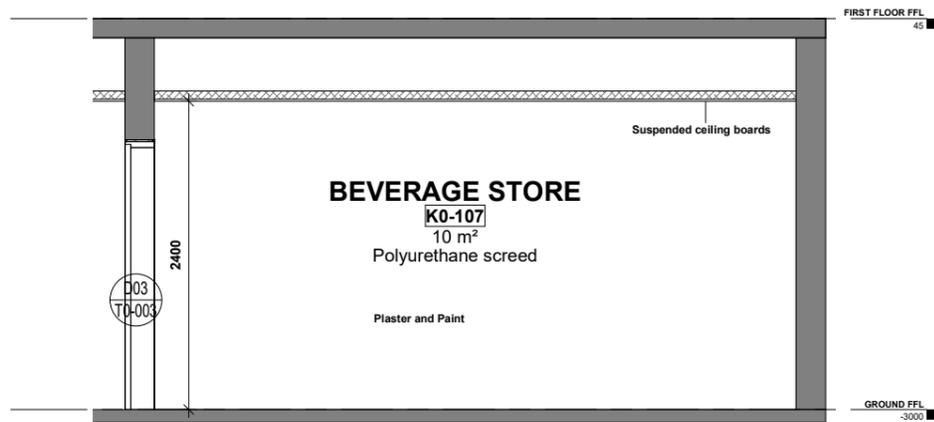
BEVERAGE STORE_K0 - 107 OVERVIEW
SCALE

KEY PLAN LEGEND K0 -107

NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 103	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hicoover primer and 2 coats Washable low sheen acrylic coating to approved colour.
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1284 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.
NF- CG1	Corner guards	Natural aluminium 1600x20x20mm arcansas



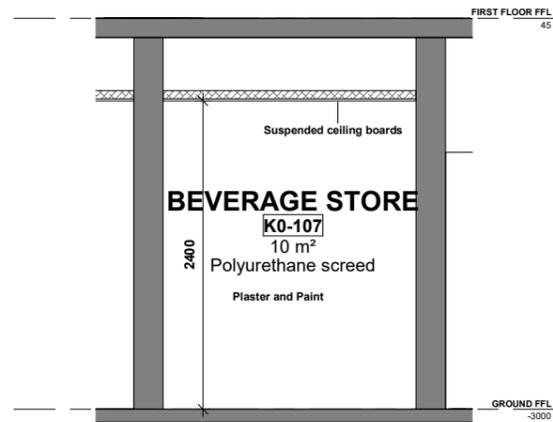
506 - BEVERAGE STORE DATA_K0-107
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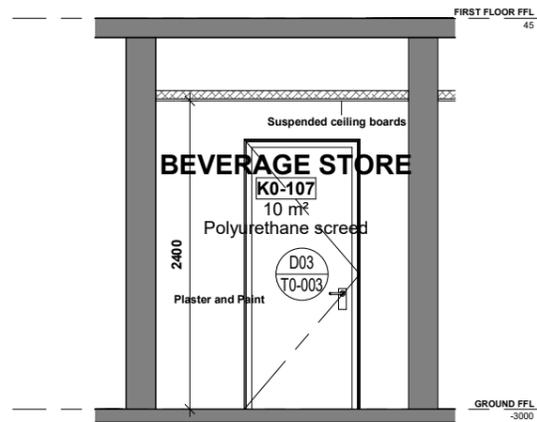
BEVERAGE STORE 01
SCALE 1 : 25



BEVERAGE STORE 03
SCALE 1 : 25



BEVERAGE STORE 02
SCALE 1 : 25



BEVERAGE STORE 04
SCALE 1 : 25

No.	DATE	AMENDMENT	D.P.W

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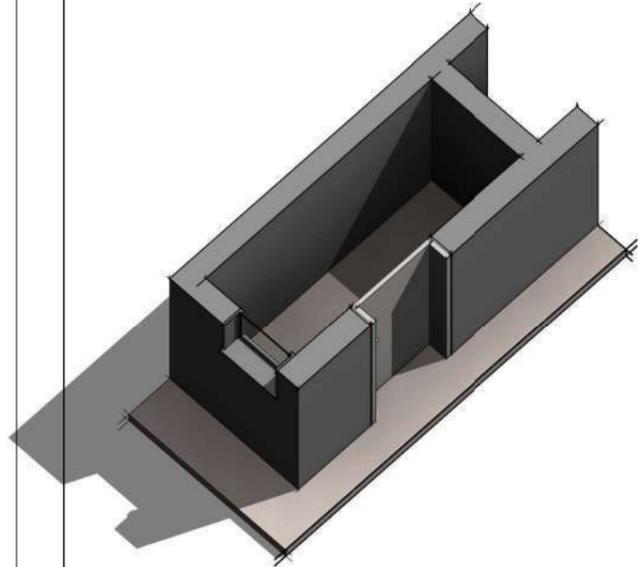
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A 1

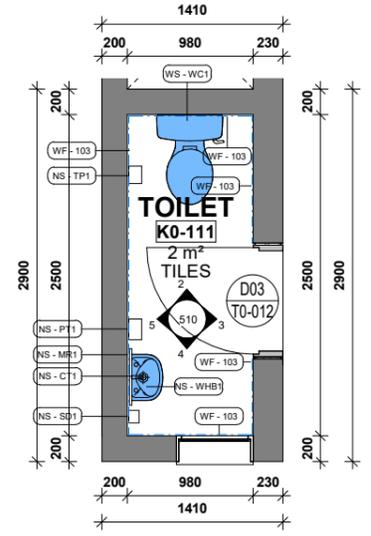
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Discipline: ARCHITECTURE
Service:
PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.
WCS number: 05496
Drawing: 90 PLEIN KITCHEN PLAN
BEVERAGE STORE K0 - 107
Ref.no: _____ Design: Designer
Scale: 1 : 25 Draw: Author
Date: 05/23/22 Check: Checker
Drawing: Current
WC015 - 506



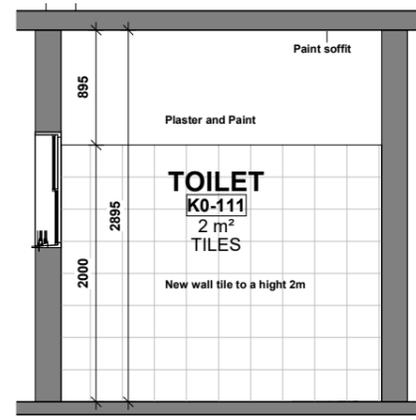
TOILET_K0 - 111 OVERVIEW
SCALE

KEY PLAN LEGEND K0 -111

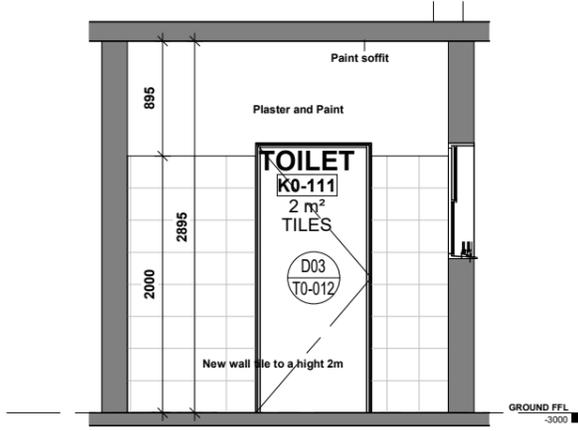
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat heveer primer and 2 coats Wallrite low sheen acrylic coating to approved colour.
WF - 103	Wall Finish	Wall tiling to comprise 200 x 200mm white ceramic wall tiles to door height and 2mm wide grout joints (grout colour: White). see architect's bathroom layout.
NS - WHB1	New Sanitary	Hibiscus - Basins - Wall-Hung - White
NS - CT1	New Sanitary	Metal - Taps - Pillar Taps - Chrome
NS - MR1	New Sanitary	Mirror 4mm Silvered float glass copper backed mirrors with polished (edges, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs.
NS - PT1	New Sanitary	Paper towel dispenser Autotowel paper dispenser manufactured from 0.7 clear coat enamel finish Stainless Steel Wall mounted Automatic system Lockable dispenser for added security
NS - SD1	New Sanitary	Soap Dispenser 500ml Wall Mounted Soap Dispenser
NS - TP2	New Sanitary	Toilet roll holder to be metal chrome plated frame with timber roll fixed to wall with screws as per architect's bathroom layouts
NS - WC1	New Sanitary	Aquasave - Toilets - Low-Level - White



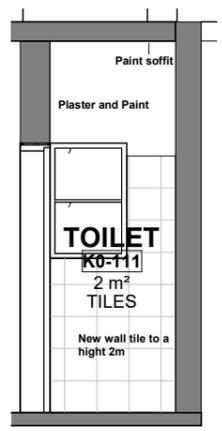
510 - TOILET DATA_K0-111
SCALE 1:25



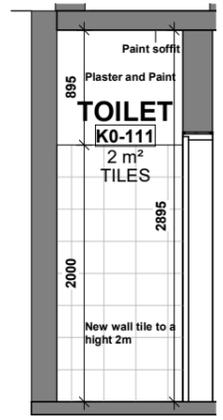
TOILET 01
SCALE 1:25



TOILET 02
SCALE 1:25



TOILET 03
SCALE 1:25



TOILET 04
SCALE 1:25

No.	DATE	AMENDMENT	D.P.W

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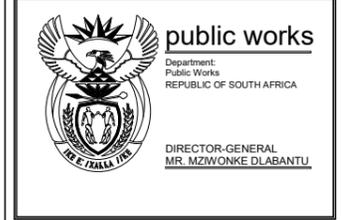
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Discipline **ARCHITECTURE**

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
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EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

WCS number **05496**

Drawing **90 PLEIN KITCHEN PLAN**

Ref.no	Design	Designer
Scal	1:25	Draw
Dat	05/23/22	Check
Drawing	Current	Checker

WC015 - 510

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

FIRST FLOOR 90 PLEIN FINISHES SCHEDULE

MAY 25, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -511

ROOM SCRPTION: COOKING AREA_K1-201_35m²

WALLS

- New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -512

ROOM SCRIPTON: COOKING AREA_K1-202_26m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -513

ROOM SCRIPTION: OFFICE_K1-203_16m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -514

ROOM SCRIPTION: STORE ROOM_K1-204_5m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -513

ROOM SCRIPTON: BREAKFAST KITCKEN_K1-205_19m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

90 PLEIN PLAN KITCKEN

DRAWING NUMBER: WC015 -516

ROOM SCRIPTION: FREEZER_K1-206_4m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
 - 60mm = 0.315 W (m².K)
 - 80mm = 0.239 W(m².K)
 - 100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

DOOR

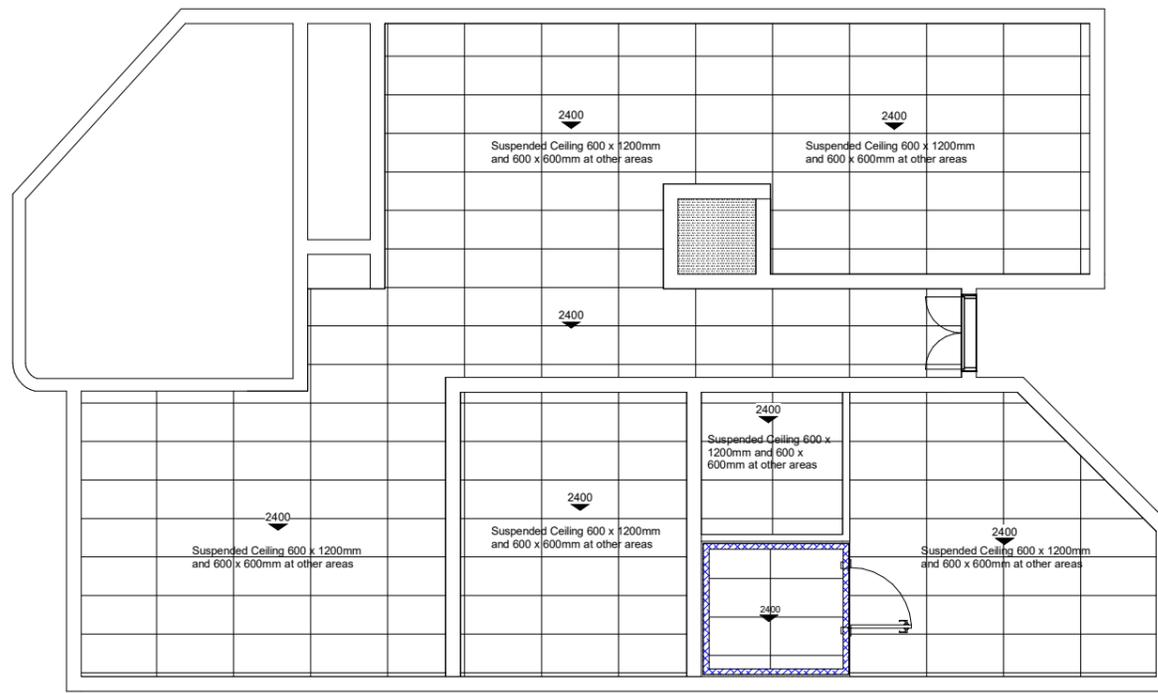
- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail



PROJECT SCOPE:

WALLS
New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES
100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES
Preparation areas & store rooms
Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM
Cold Room floors by specialist

CEILING
Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint
Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E: Fire Class A, Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS
New doors to match existing
Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS
Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT
Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

No.	DATE	AMENDMENT	D.P.W

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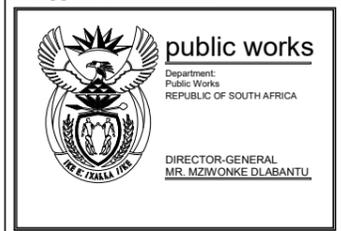
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Architect
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date: _____
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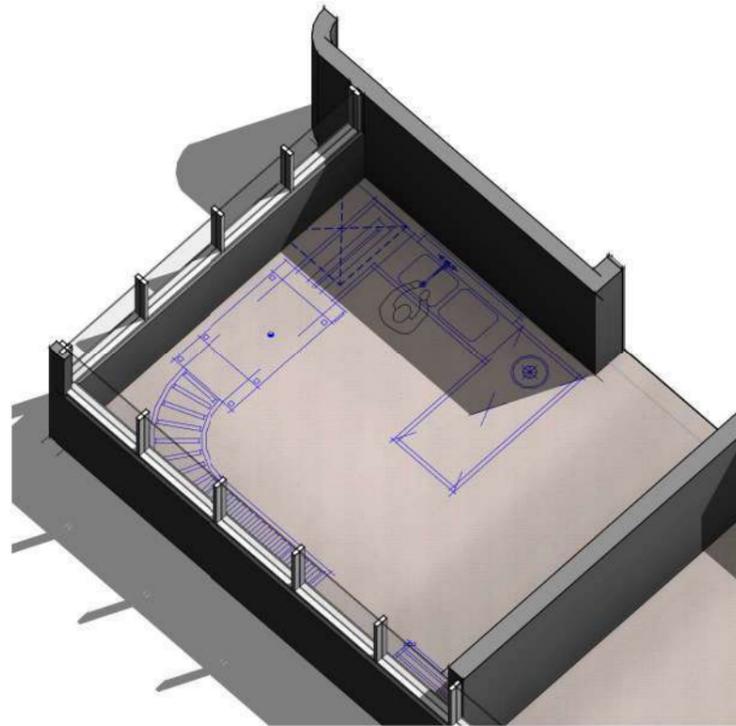
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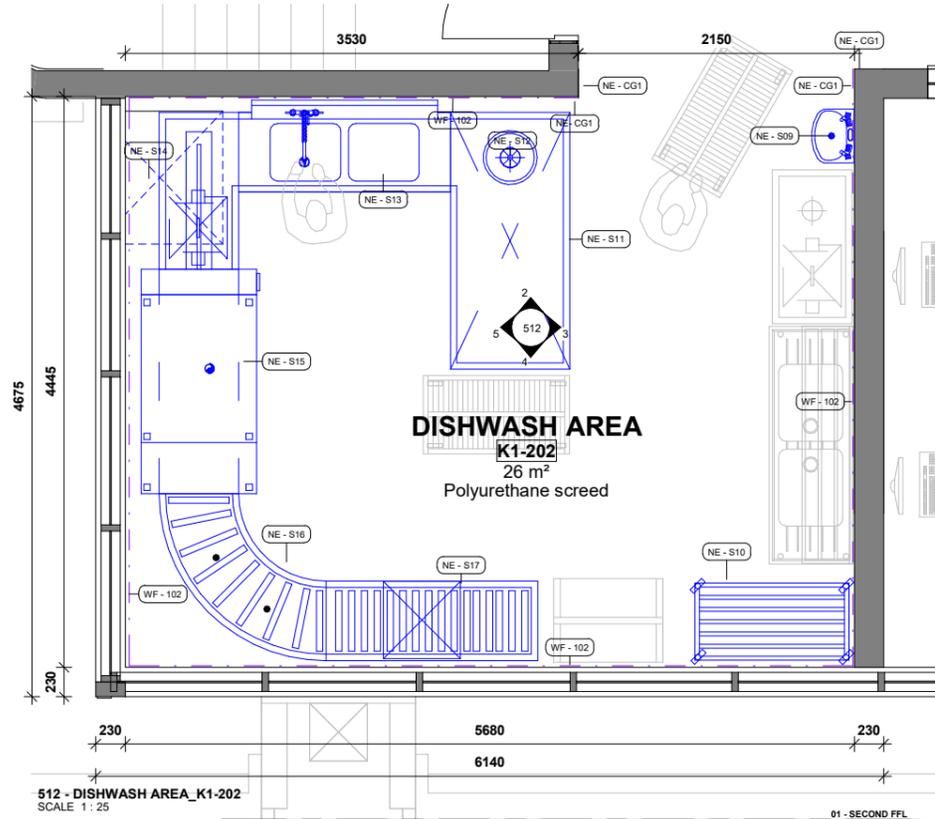
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THE CREATIVE AXIS ARCHITECTS
51 Alice Street Goodwood, 7460
P O Box 140, Goodwood, 7459.
Tel: +27 21 595 3211 | Fax: +27 21 86 595 4423
Discipline: **ARCHITECTURE**
Service: _____

PARLIAMENTARY PRECINCT: VARIOUS KITCHENS: REPLACEMENT OF REDUNDANT KITCHEN EQUIPMENT INCLUDING CONSTRUCTION WORK.

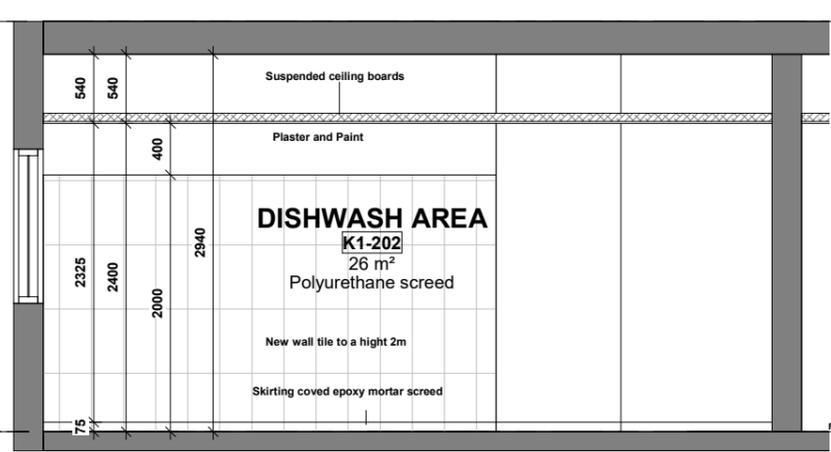
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Drawing: **90 PLEIN KITCHEN PLAN**
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Scale: **1 : 50** Draw: _____ Author: _____
Date: **05/25/22** Check: _____ Checker: _____
Drawing: _____ Current: _____
WC015 - 211



DISHWASH AREA_K1-202 OVERVIEW
SCALE

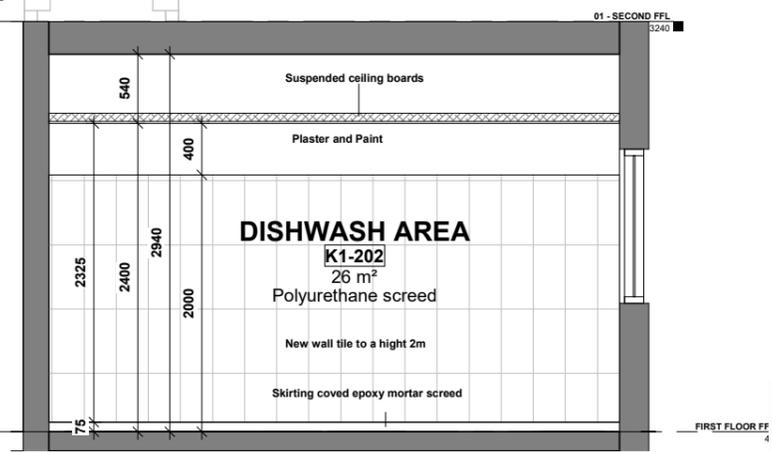


512 - DISHWASH AREA_K1-202
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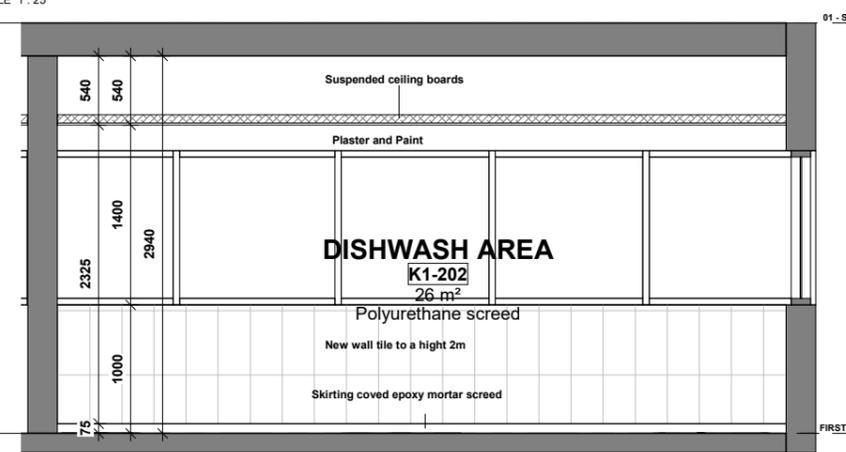


DISHWASH AREA 01
SCALE 1:25

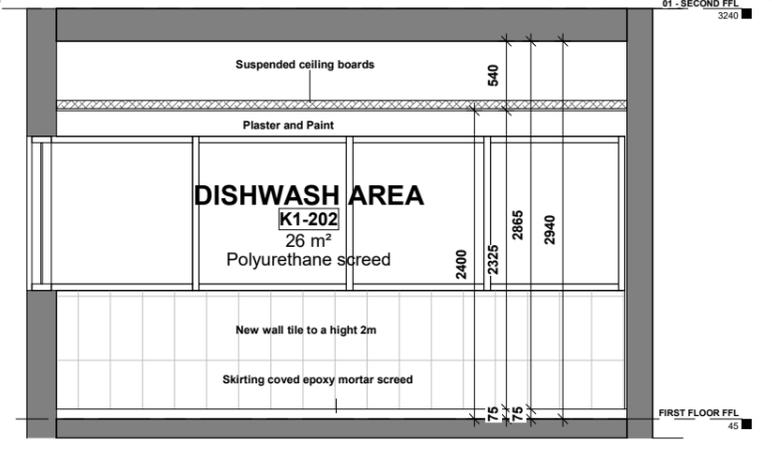
KEY PLAN LEGEND K1 - 202		
NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
NE - CG1	Corner guards	Natural aluminium 1600x20x20mm arcansas
NE - S09	New Equipment	S/S wash hand basin
NE - S10	New Equipment	Mobile pot rack
NE - S11	New Equipment	S/S wouble diries angled dump tale wirth waste disposal cone
NE - S12	New Equipment	3hp waste disposal machine
NE - S13	New Equipment	S/s pre wash sink with overhead spary unit
NE - S14	New Equipment	S/s angled power loader
NE - S15	New Equipment	Comenda ac2e rack advancing dishwasher
NE - S16	New Equipment	90 degree roller outlet table
NE - S17	New Equipment	S/s roller outlet table
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A-ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1224 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface



DISHWASH AREA 02
SCALE 1:25



DISHWASH AREA 03
SCALE 1:25



DISHWASH AREA 04
SCALE 1:25

No.	DATE	AMENDMENT	D.P.W

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Architect

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MR. MZIWONKE DLABANTU**

Consultant

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Service:

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

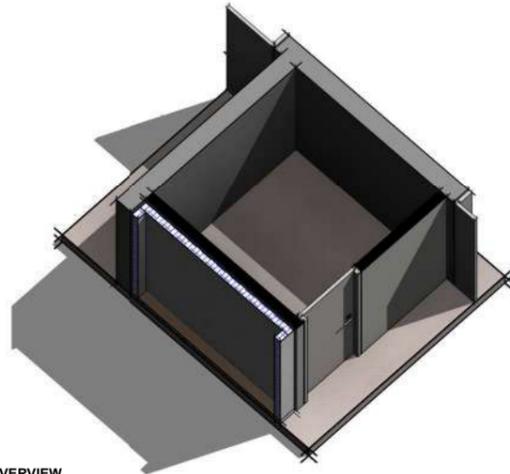
WCS number: **05496**

Drawing: **90 PLEIN KITCHEN PLAN**

DISHWASH AREA K1-202

Ref.no	Design	Designer
Scal	Draw	Author
Dat	Check	Checker
Drawing	Current	

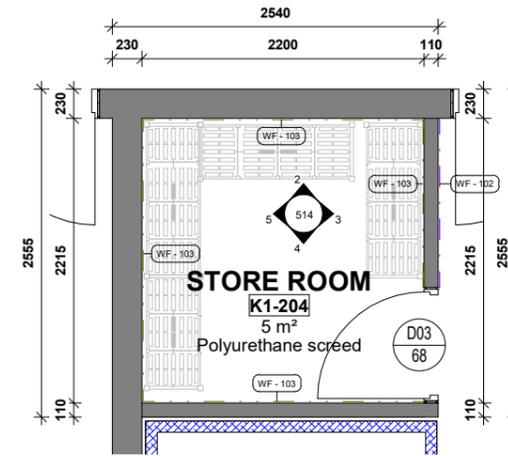
WC015 - 512



STORE ROOM_K1-204 OVERVIEW
SCALE

KEY PLAN LEGEND K1 - 204

NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
WF - 103	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hicoover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A, ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1364 Classification Type IV, Form 2. Pattern E, Fire Class A, Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.



513 - STORE ROOM_K1-204
SCALE 1 : 25

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Project Manager
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Architect
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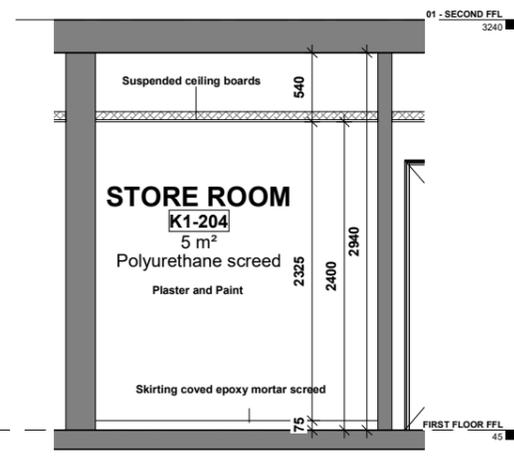
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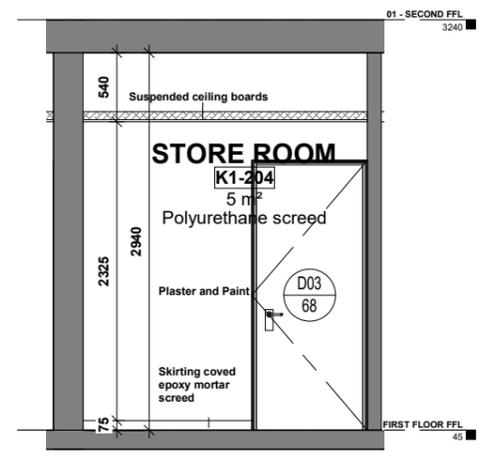
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Discipline: **ARCHITECTURE**
Service: _____

**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

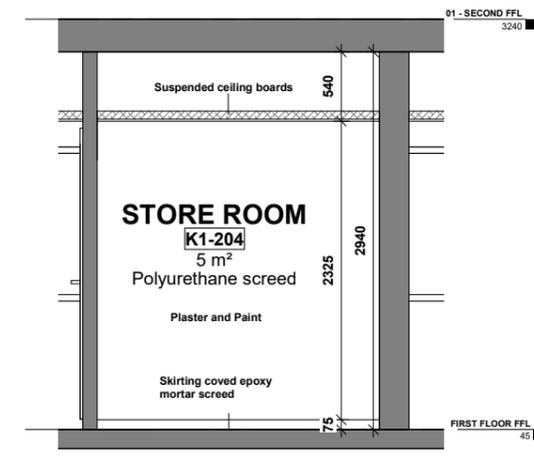
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STORE ROOM K1-204
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WC015 - 514



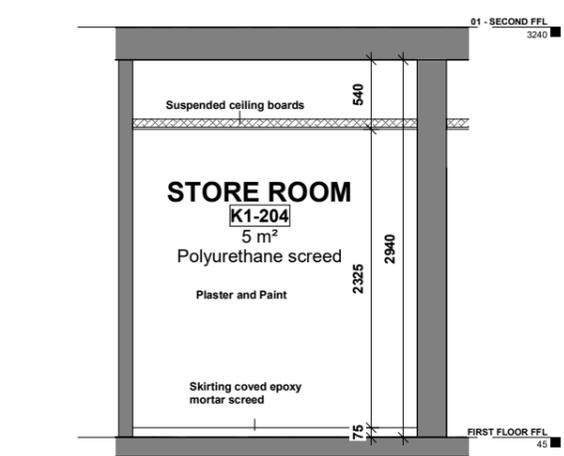
STORE ROOM 01
SCALE 1 : 25



STORE ROOM 02
SCALE 1 : 25



STORE ROOM 03
SCALE 1 : 25



STORE ROOM 04
SCALE 1 : 25

WCS 054967
PARLIAMENT PRECINCT
UPGRADE OF VARIOUS KITCHENS

FINISHES SCHEDULE

MARKS KITCHEN FINISHES SCHEDULE

MAY 27, 2022
THE CREATIVE AXIS ARCHITECT

FINISHES SPECIFICATION SCHEDULE

REVISION – 1

MARKS KITCHEN

DRAWING NUMBER: WC015 -500

ROOM SCRIPTON: COFFEE AREA_K3-101_24m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor NOT BE REMOVED

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS

- Existing doors to be sanded down and painted, as per specialist details.
- Ironmongery to be serviced cleaned and reused

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -501

ROOM SCRIPTON: BREAKFAST KITCHEN_K3-102_17m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -502

ROOM SCRIPTON: COLD KITCHEN_K3-103_18m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -503

ROOM SCRIPTON: POT & UTENSIL STORE_K3-104_12m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -504

ROOM SCRIPTON: DISHWASH_K3-105_18m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance.Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled).ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -505

ROOM SCRIPTON: COOKING AREA_K3-106_74m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -506

ROOM SCRIPTON: PREP AREA_K3-107_22m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -507

ROOM SCRIPTION: DAY STORE_K3-108_7m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -508

ROOM SCRIPTION: BULK DRY STORE_K3-109_13m²

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
- All surfaces should be a minimum of 25N/mm², free from laitance, dust and other contamination, dry to 75% RH as per BS8204 and free from rising damp and ground water pressure. Apply two coats Dusty Grey Coating (spread rate 4 - 5m²/litre) to a minimum 0,5mm thickness with an overcoating time of 15 hours. Applied in accordance with approved the supplies specifications by approved applicators.

CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -509

ROOM SCRIPTON: BULK MEAT PREP_K3-110_11m²

WALL FINISHES

- 100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample

WALL FINISHES

- Existing Brick walls with plaster and paint, to be repainted to match with existing colour, Prepare and apply 1 coat hicover primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.

FLOOR FINISHES

- Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Food safe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance.
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CEILING

- Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance. Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E; Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
- Treated with a antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

KITCHEN EQUIPMENT

- Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors' allowance and recommendation.

MARKS KITCHEN

DRAWING NUMBER: WC015 -510

ROOM SCRIPTON: COLD ROOM K3-111/112/113/114_K3-110_19m²

FLOORING:

- Floor panels with standard 1mm primed galvanized sheets or optional primed stainless-steel cladding.
- Base slab and wearing floor shall be designed to accommodate the maximum load and constructed in accordance with BS 6399 Pt 1 and SANS 10160.
- Frost heave prevention ventilation ducts laid beneath the base slab during construction. This method is not widely used in South Africa
- Vapour seal: Floor insulation shall be sealed against vapour penetration. This is generally achieved by laying a heavy-duty polythene sheet of minimum thickness 250 microns over the base slab ensuring that all the joints are well lapped and sealed. In order to avoid perforation of this polythene sheet, the base slab should have a smooth finish. The wall to floor joint shall be sealed against vapour penetration.
- Floor insulation should be laid in layers with staggered joints. Due attention should be given to: Floor loading, including areas of high loading to carry mobile racking.
- Dynamic loads - 165 kPa compressive strength.
- Temperature within the cold store.
- The effect of concrete poured on the insulation, which can be avoided by a building paper slip- sheet between the wearing floor and the insulation.

WALLS

- WALLS standard panel size: 1200 x 2100, 2400mm
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
- Thicknesses / k-factor
60mm = 0.315 W (m².K)
80mm = 0.239 W(m².K)
100mm = 0.193 W(m².K)
- Cladding: 0.5mm chromadek, frost white galvanizing grade Z200.
- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
- B3 fire rating, B2 available on demand and high volume.

CEILING

- Standard panel size: 1200 x 2100, 2400
- Panels are fitted with groove and tongue and foamed in place camlocks
- Panels are manufactured in temperature-controlled jigs and polyurethane is direct injected for perfect bonding.
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- Camlock: pulling power 350kg for perfect joints.
- Polyurethane foam density: 35-40kg.
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DOOR

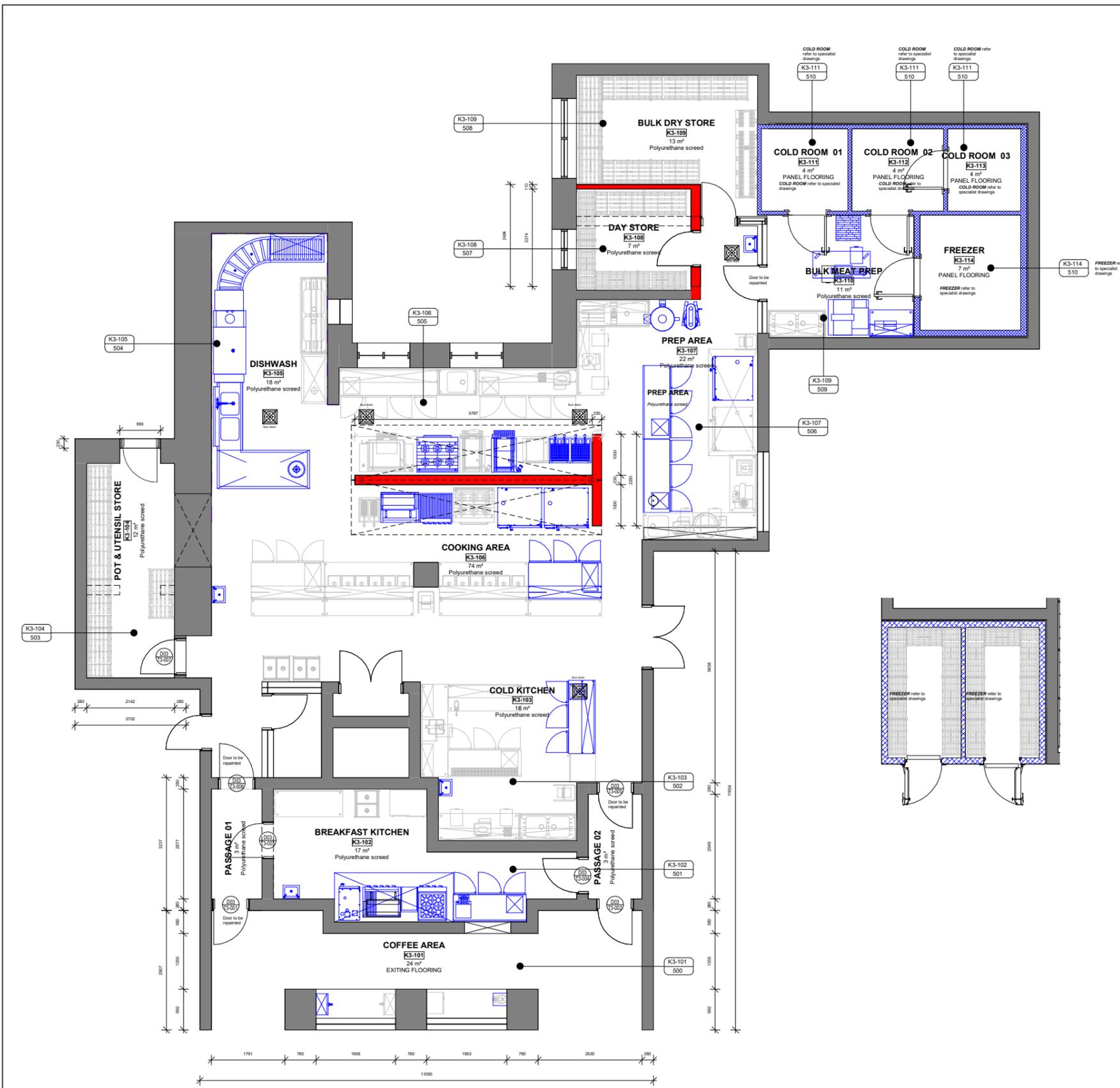
- Lockable handle with safety device standard heavy-duty hinges.
- Heat and cold resistant gaskets standard. (-50°C to +200°C)
- Standard opening 850 x 2070mm, 80mm thickness

LIGHTING:

- Heavy Duty, Waterproof, Low Energy, Florescent Lighting T5

CORNICE:

- Internal vertical corner flashing aluminium angle 40x40x2m fixed to ceiling and wall panel with rivets 3(4,8x11 @400mm c/c see cornice detail



100 - GROUND FLOOR PLAN
SCALE 1 : 50

BASEMENT FREEZER
SCALE 1 : 50

PROJECT SCOPE:

WALLS
New walls to be constructed as per layout plan according to SANS 10400

WALL FINISHES
100mm x 200mm Ceramic wall tiles with epoxy grout to underside of ceiling - colour as per approved sample

FLOOR FINISHES
Preparation areas & store rooms
Existing floor finishes to be removed. Screeds to fall to floor drains as per the wet services layouts. With a Foodsafe fast-curing resin system that meets the food industry's operational needs for a clean, safe and sanitary environment. Combining the strength of superior inter-coat adhesion with chemical, wear and slip resistance

COLD ROOM
Cold Room floors by specialist

CEILING
Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint
Fire Performance
Class A: ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1264 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications.
Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

DOORS
New doors to match existing
Existing doors to be sanded down and painted, as per specialist details
Ironmongery to be serviced cleaned and reused

WINDOWS
Existing windows to be sanded down and cleaned and repainted as per specialist specification

KITCHEN EQUIPMENT
Kitchen equipment to be surveyed and reused where possible as per the quantity surveyors allowance and recommendation

- NEW BRICK WALLS FINISH AS PER LAYOUT
- NEW COLDROOM BY SPECIALIST
- EXISTING WALL
- DEMOLISHED

No.	DATE	AMENDMENT	D.P.W
A	2019/02/28	Issue for Information	
B	2019/07/12	Issue via email	
C	2019/08/18	Issue via email	
D	2021/08/18	Issue for Information	

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Project Client
name: _____
date: _____
signature: _____

Chief
name: _____
date: _____
signature: _____

Project Manager
name: _____
date: _____
signature: _____

Architect
name: Bhavik Ranchod
date: 2021/08/18
signature: o.b.o

cad file name _____ page type **A1**



51 Alice Street Goodwood, 7460
P O Box 1461, Goodwood, 7459.
Tel: +27 21 595 3211 | Fax: +27 21 86 595 4423

Discipline **ARCHITECTURE**

Service
**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

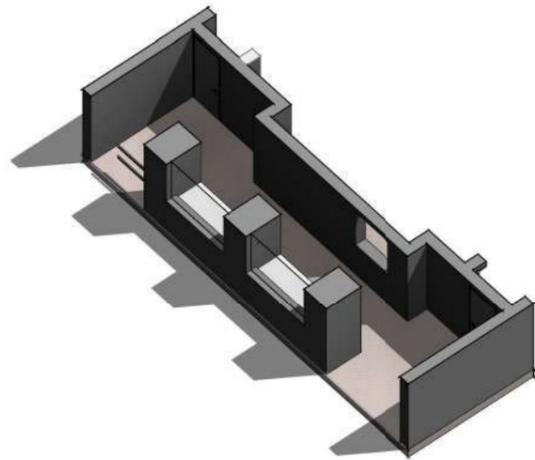
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Drawing **MARKS KITCHEN**

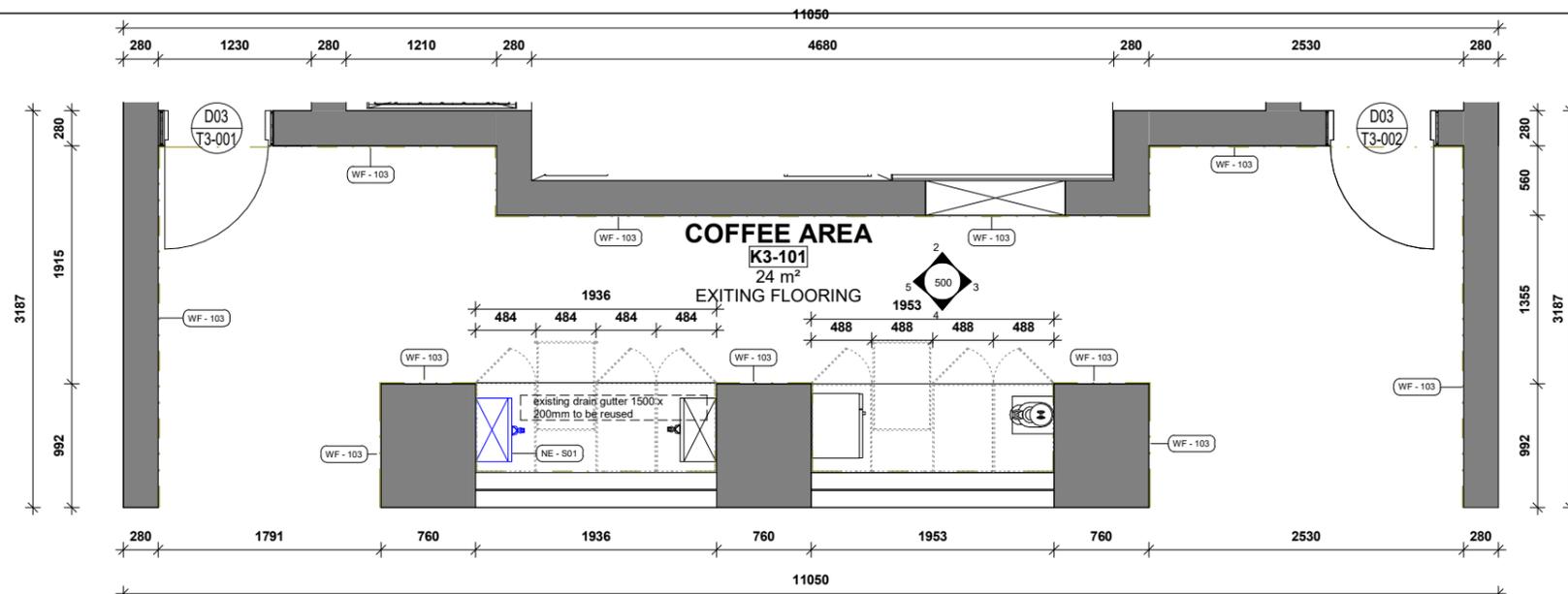
GROUND FLOOR PLAN

Ref.no	Design	Designer
Scale	Draw	Arthur
Date	Check	Bhavik
Drawing	Current	

WC015 - 103 D



COFFEE AREA K3-101 OVERVIEW
SCALE



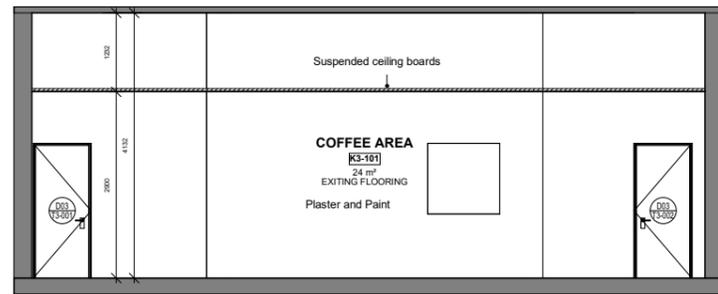
500 COFFEE AREA K3-101
SCALE 1:25

- TYPICAL CUPBOARD/WORK TOPS:
- 32mm thick "Particle Board" workshop, with Formica surface and with 16mm radius bullnose edge.
 - 16mm "Particle Board" frame, door shelves and division components.
 - White melamine finish to all internal surface and to visible sides of doors and drawers.

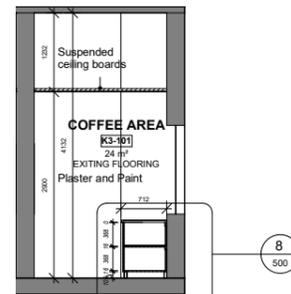
- IRONMONGERY:
- Steel "pot" hinges to later spec.
 - Hillalad drawer sliders no.4635
 - Raiel marketing code: rarr113 ar001ssteel096 brushed stainless steel handles to cupboard doors and drawer as shown.

All specification to be checked by Architect

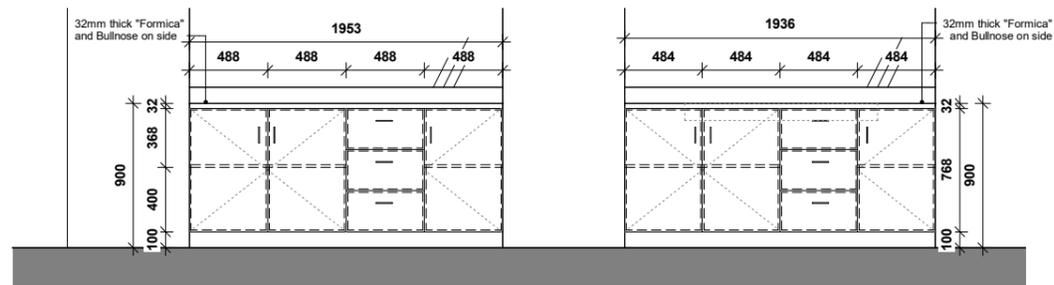
NOTE:
ALL RELEVANT DETAILS, LEVELS AND DIMENSIONS ARE TO BE CHECKED ON SITE PRIOR TO COMMENCEMENT OF WORK.
ANY QUERIES OR DISCREPANCIES ARE TO BE TIMOUSLY FORWARDED TO THE ARCHITECT.



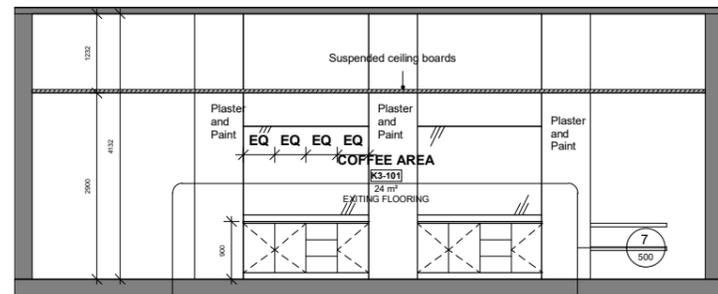
COFFEE AREA 01
SCALE 1:50



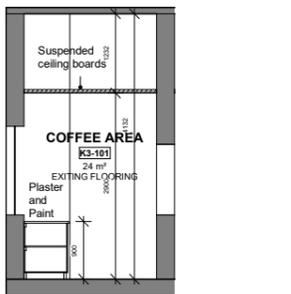
COFFEE AREA 02
SCALE 1:50



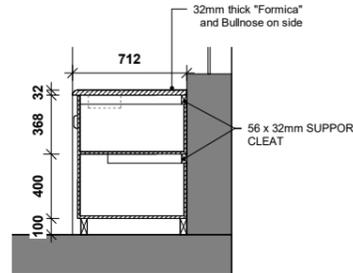
COFFEE AREA 03 - Callout 1
SCALE 1:20



COFFEE AREA 03
SCALE 1:50



COFFEE AREA 04
SCALE 1:50



COFFEE AREA 02 - Callout 1
SCALE 1:20

KEY PLAN LEGEND K3 - 101

KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 103	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hickory primer and 2 coats Wallbrite low sheen acrylic coating to approved colour.
WE - S01	New Equipment	25 litre zip hydroboil
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1204 Classification Type IV, Form 2, Pattern E. Fine Class A: Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

No.	DATE	AMENDMENT	D.P.W

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Chief
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date: _____
signature: _____

Project Manager
name: _____
date: _____
signature: _____

Architect
name: _____
date: _____
signature: _____

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A 1



Consultant
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THE CREATIVE AXIS
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Discipline **ARCHITECTURE**
Service

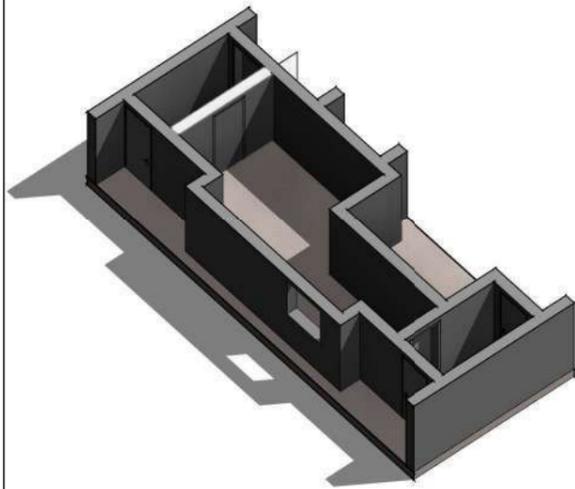
**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

WCS number **05496**

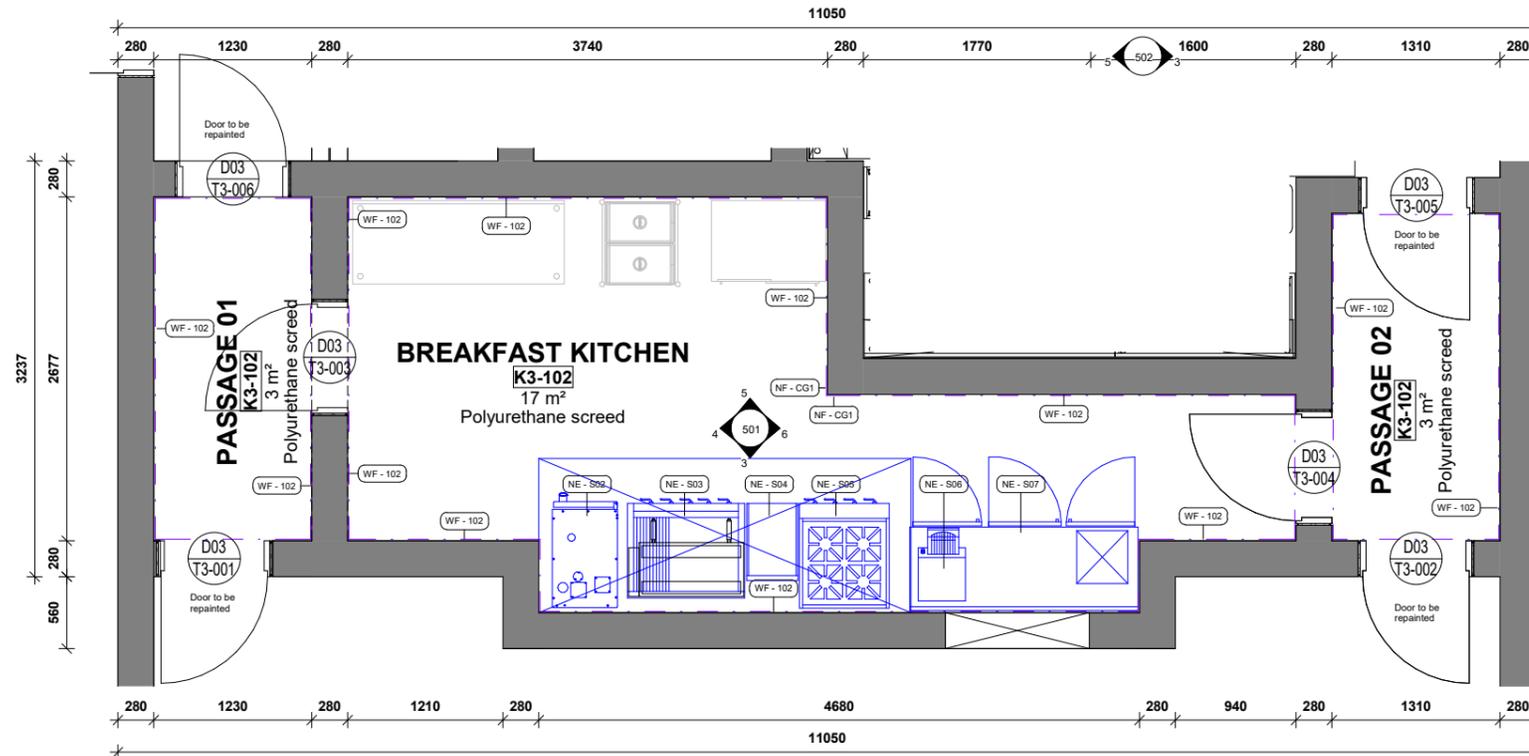
Drawing **MARKS KITCHEN**

COFFEE AREA K3-101
Ref.no _____ Designe Designer
Scal As indicated Draw Author
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Drawing Current

WC015 - 500



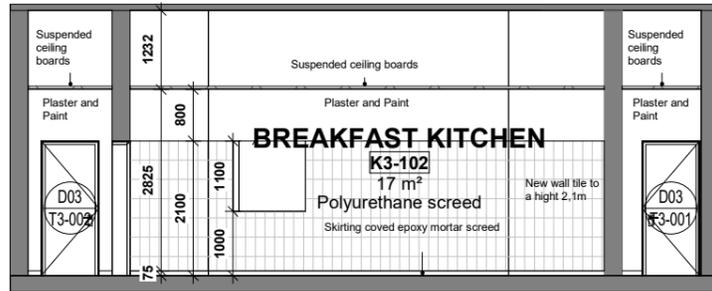
BREAKFAST KITCHEN K3-102 OVERVIEW
SCALE



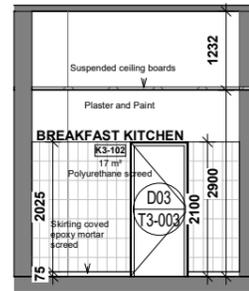
501 - BREAKFAST KITCHEN K3-102
SCALE 1 : 25

KEY PLAN LEGEND K3 - 102

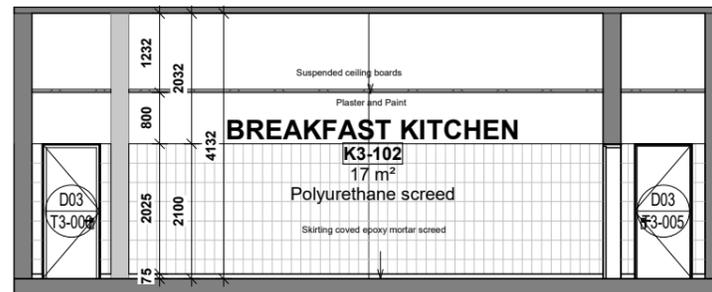
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
NF - CG1	Corner guards	Natural aluminium 1600x20x20mm arcaneas
NE - S02	New Equipment	Rational scc slimline compact self cooking centre on stand - c/w water filter
NE - S03	New Equipment	FTG-10 gas flat top grill 1/3 ribbed
NE - S04	New Equipment	Vision work station on stand
NE - S05	New Equipment	4 burner boiling table
NE - S06	New Equipment	Conveyor toaster
NE - S07	New Equipment	2.5 door ubar fridge str
NC - 100	New suspended Ceiling	Well-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A. ASTM E84 and CAN/ULC S 102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1264 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Saeg Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface



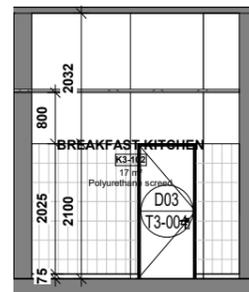
BREAKFAST KITCHEN 01
SCALE 1 : 50



BREAKFAST KITCHEN 02
SCALE 1 : 50



BREAKFAST KITCHEN 03
SCALE 1 : 50



BREAKFAST KITCHEN 04
SCALE 1 : 50

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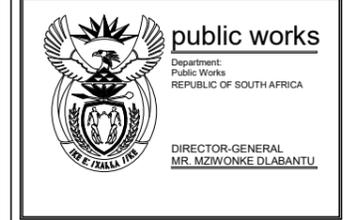
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cad file name _____ page type **A1**



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Discipline **ARCHITECTURE**

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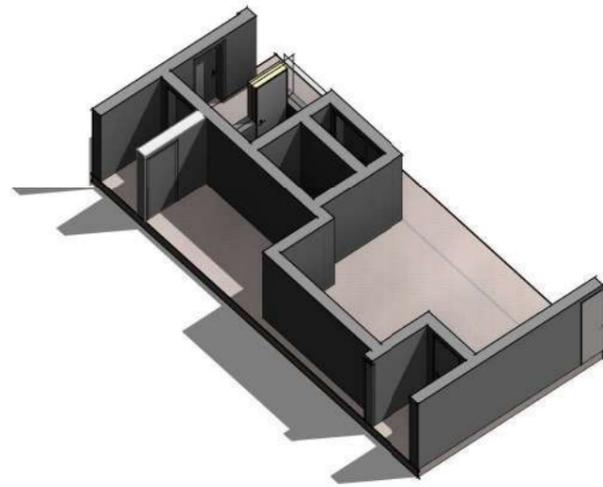
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Drawing **MARKS KITCHEN**

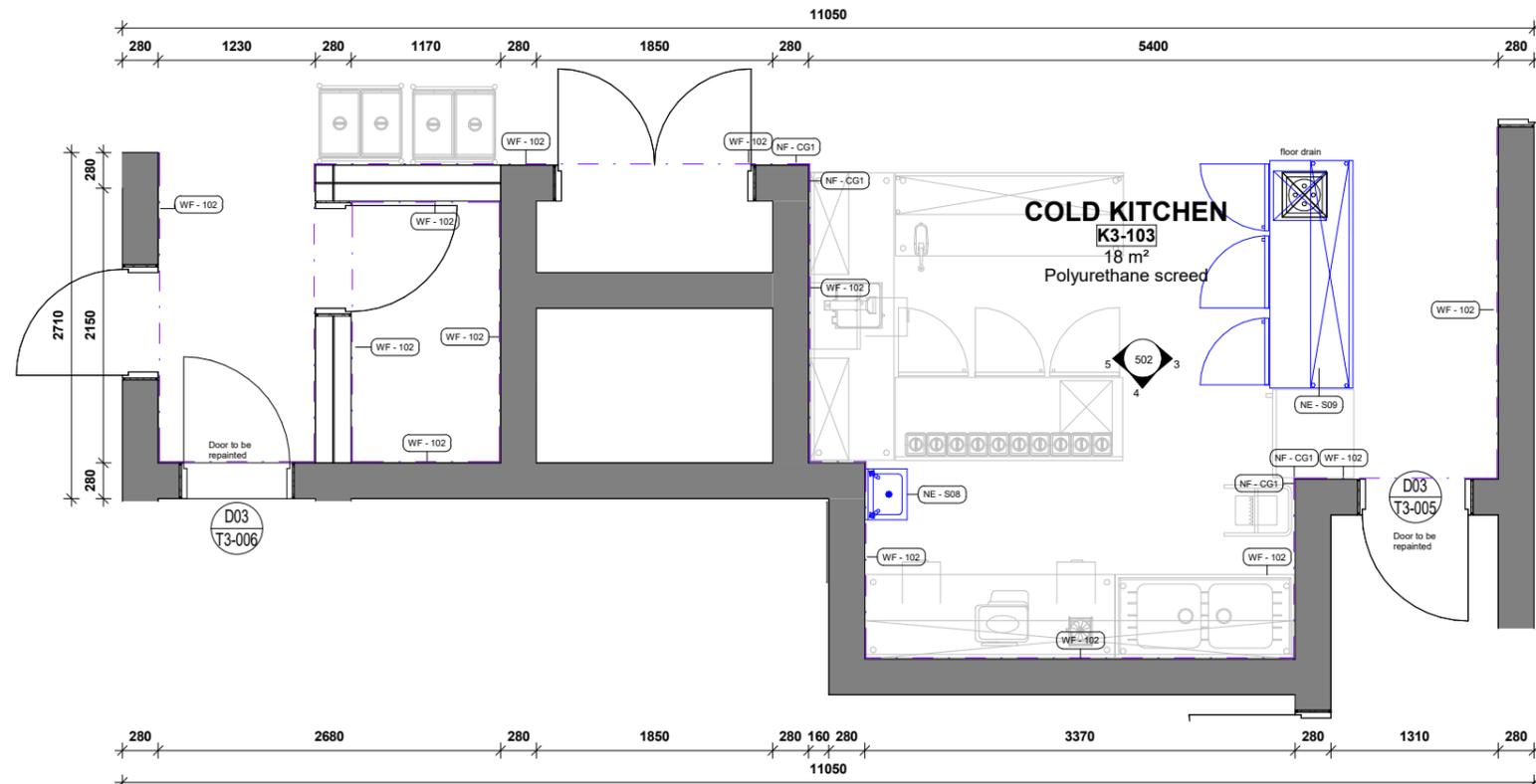
BREAKFAST KITCHEN K3-102

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Dat	Check	Checker
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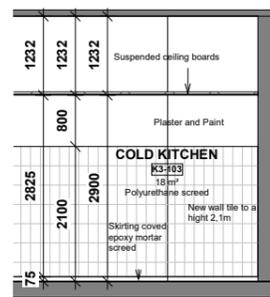
WC015 - 501



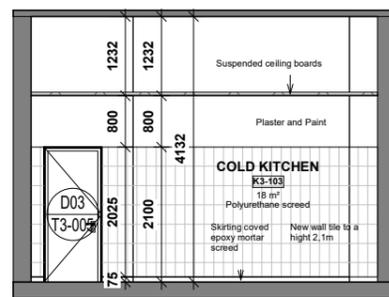
COLD KITCHEN K3-103 OVERVIEW
SCALE



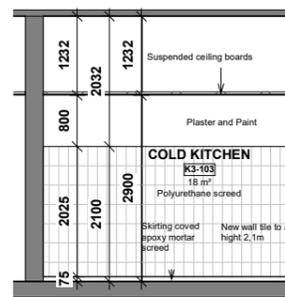
502 - COLD KITCHEN K3-103
SCALE 1 : 25



COLD KITCHEN 01
SCALE 1 : 50



COLD KITCHEN 02
SCALE 1 : 50



COLD KITCHEN 03
SCALE 1 : 50

KEY PLAN LEGEND K3-103

KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
NF - CG1	Corner guards	Natural aluminium 1600x20x20mm arcansas
NE - S08	New Equipment	S/S wash hand basin
NE - S09	New Equipment	2.5 door u/bar fridge sbr
NC - 100	New suspended Ceiling	Well-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A- ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1294 Classification Type IV, Form 2, Pattern E. Fire Class A. Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface

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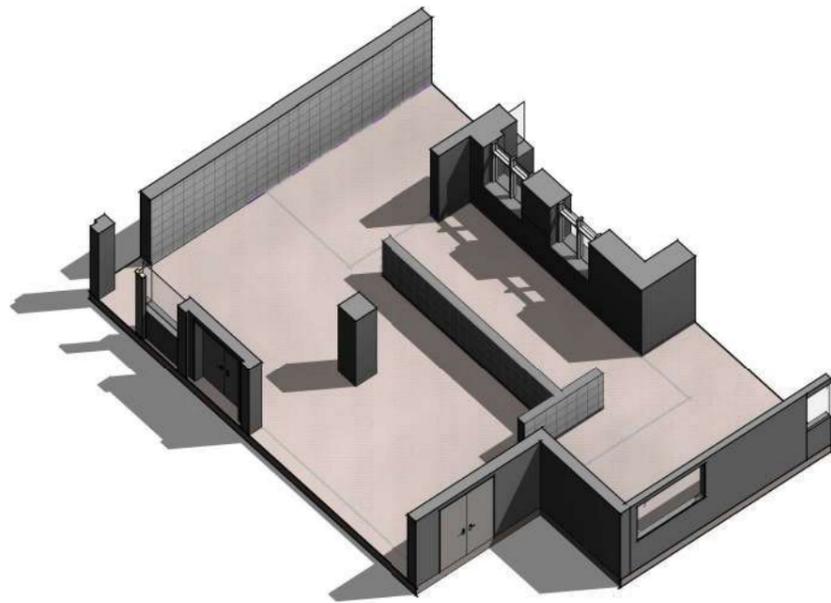
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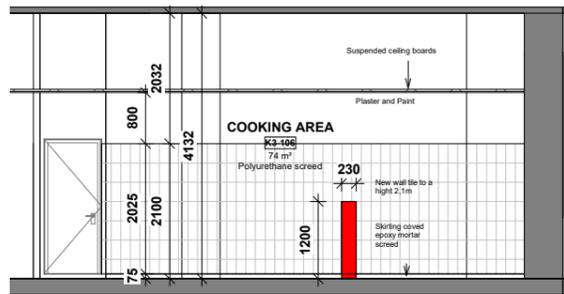
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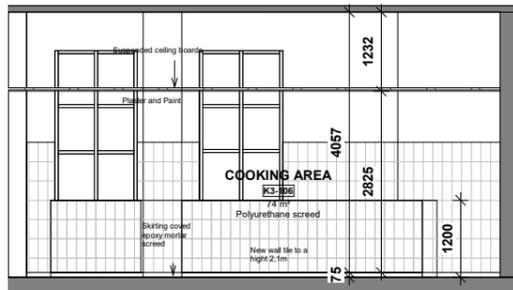
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Drawing **MARKS KITCHEN**
COLD KITCHEN K3-103
Ref.no _____ Designe Designer
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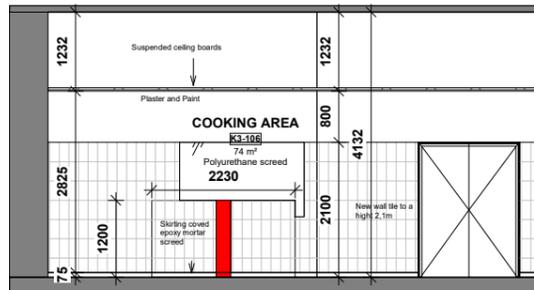
COOKING AREA K3-106 OVERVIEW
SCALE



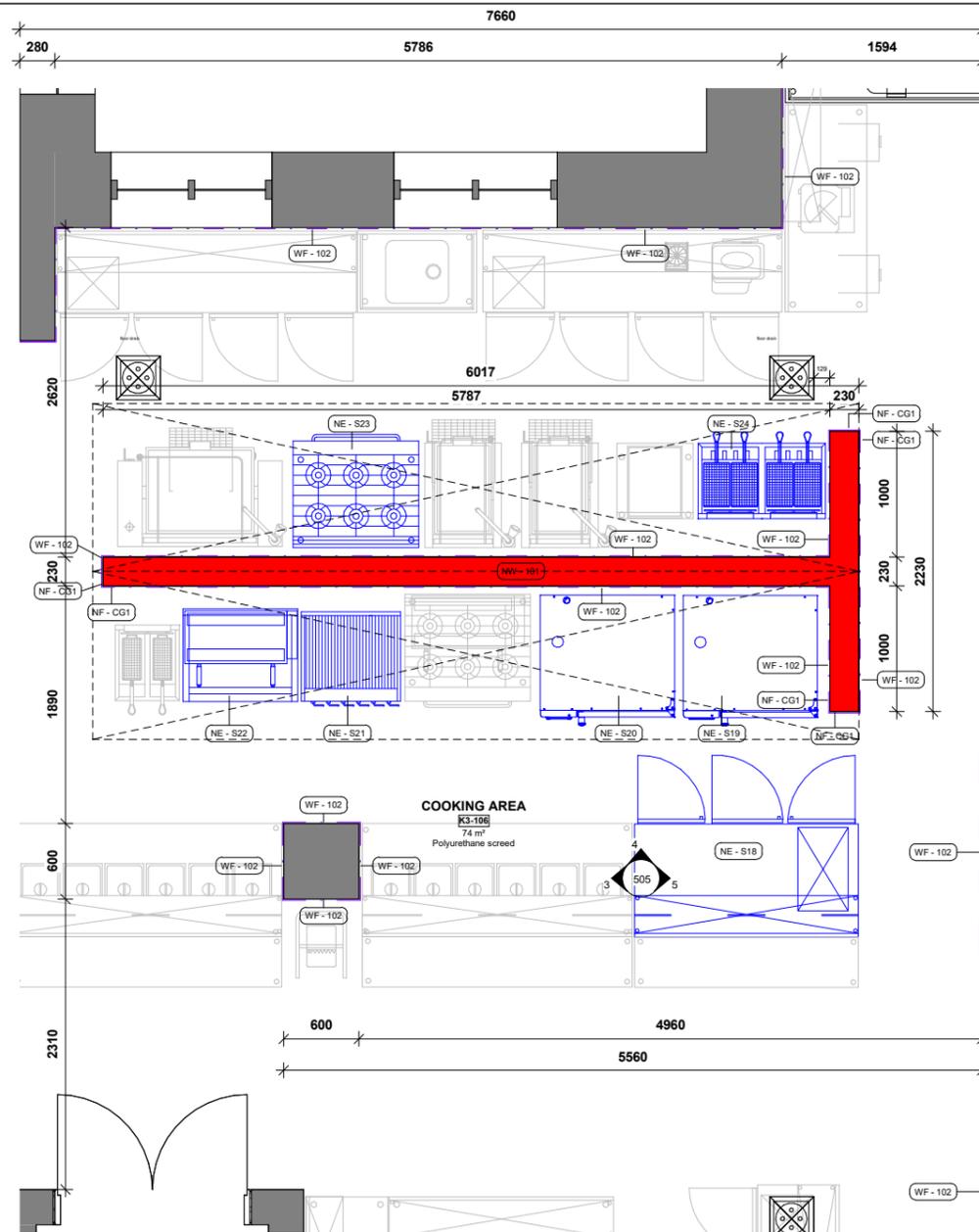
COOKING AREA 01
SCALE 1 : 50



COOKING AREA 02
SCALE 1 : 50



COOKING AREA 03
SCALE 1 : 50



505 - COOKING AREA K3-106
SCALE 1 : 25

KEY PLAN LEGEND K3 - 106

KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
NF - CG1	Corner guards	Natural aluminium 1600x20x20mm arcanses
NW - 101	New wall	New high wall from FFL to soffit
NE - S18	New Equipment	2.5 door urbar fridge with 3 tier hot pass - top tiers heated
NE - S19	New Equipment	Cm 62 10 pan combi steamer comes with water filter
NE - S20	New Equipment	R-g6 6 open burner gas range
NE - S21	New Equipment	6 burner char grill
NE - S22	New Equipment	Sg 1 electric salamander
NE - S23	New Equipment	R- g6 6 open burner gas range with over
NE - S24	New Equipment	Dpf 2/20 double 20 litre deep fryer
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A: ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1204 Classification Type IV, Form 2, Pattern E: Fire Class A, Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface.

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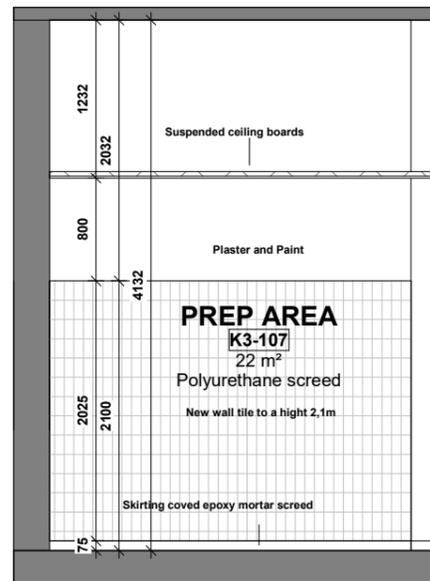
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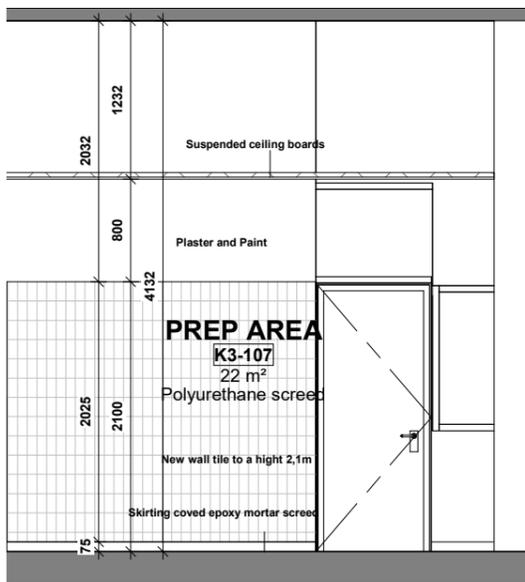
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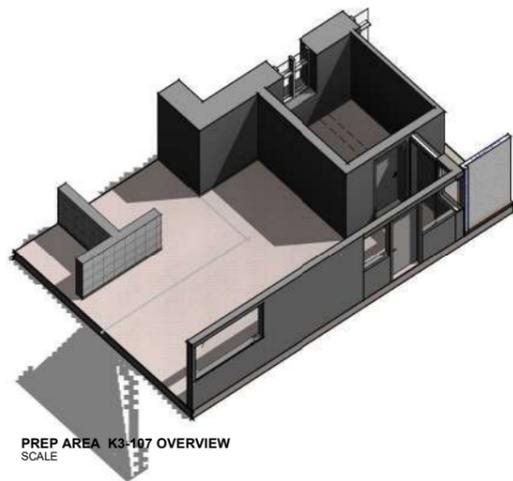
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Drawing: Current
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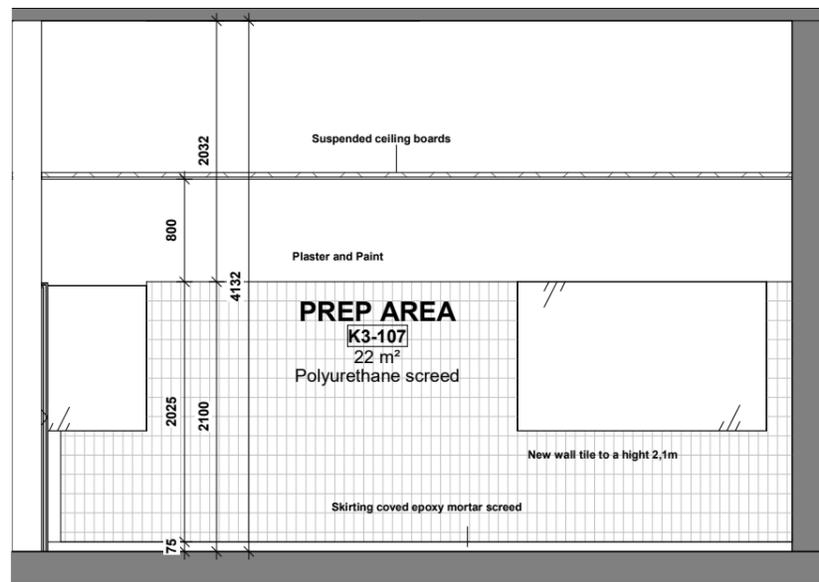
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SCALE 1 : 25



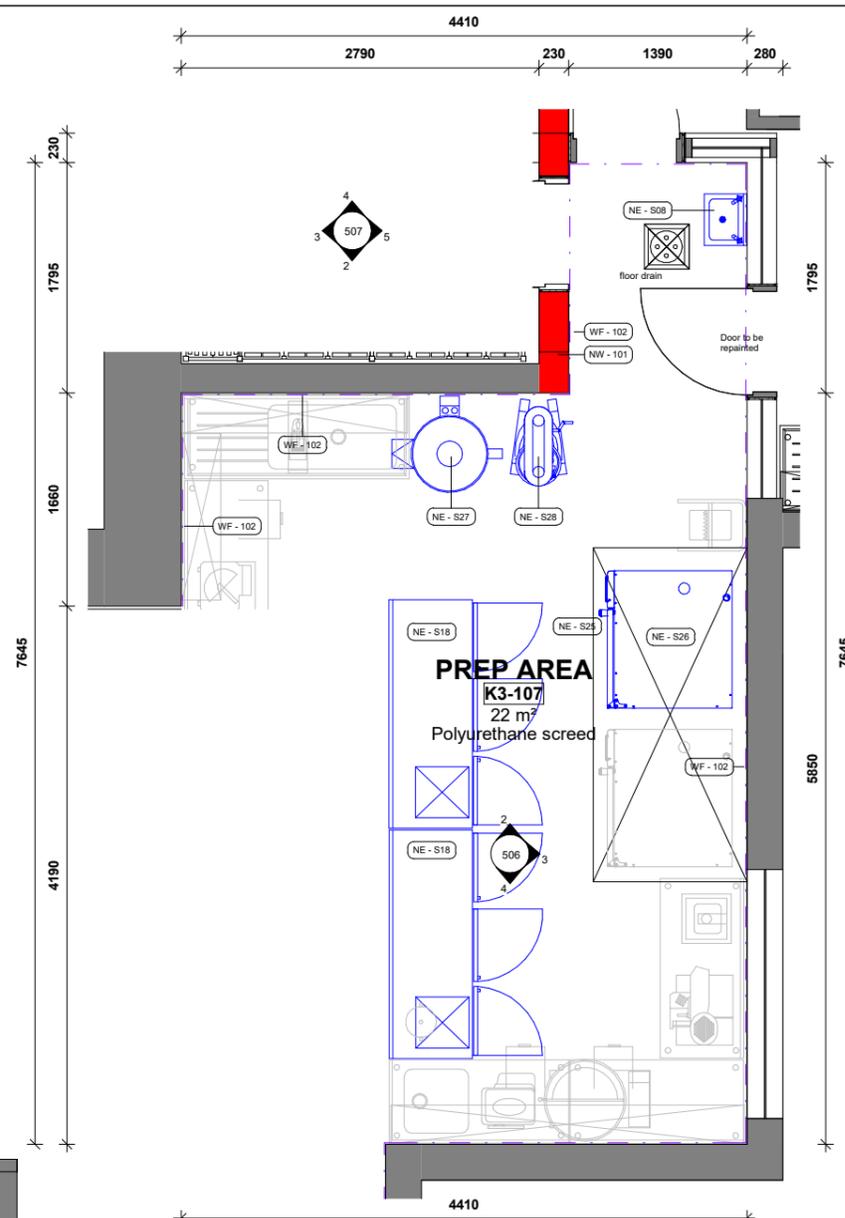
PREP AREA 02
SCALE 1 : 25



PREP AREA K3-107 OVERVIEW
SCALE



PREP AREA 03
SCALE 1 : 25



506 - PREP AREA K3-107
SCALE 1 : 25

KEY PLAN LEGEND K3-107

NEW ALTERATIONS	DESCRIPTION	SPECIFICATION
WF - 102	Wall Finish	100mm x 200mm Ceramic wall tiles with epoxy grout to 2M underside of ceiling - colour as per approved sample
NF - CG1	Corner guards	Natural aluminium 1600x200x20mm arcansas
NW - 101	New wall	New high wall from FFL to soffit
NE - S08	New Equipment	S/S wash hand basin
NE - S18	New Equipment	2.5 door ubar fridge with 3 tier hot pass - top tiers heated
NE - S25	New Equipment	Cm 102 20 pan combi steamer combi comes with water filterer
NE - S26	New Equipment	Cm62 12 pan combi steamer comes with water filterer
NE - S27	New Equipment	Potato Peeler
NE - S28	New Equipment	20 litre Planetary mixer
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint Fire Performance Class A. ASTM E84 and CAN/ULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled) ASTM E1294 Classification Type IV, Form 2, Pattern E. Free Class A. Humidity/Saer Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface

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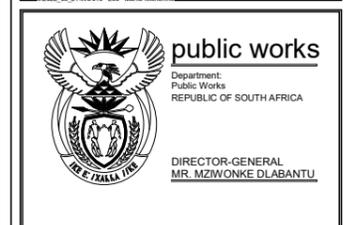
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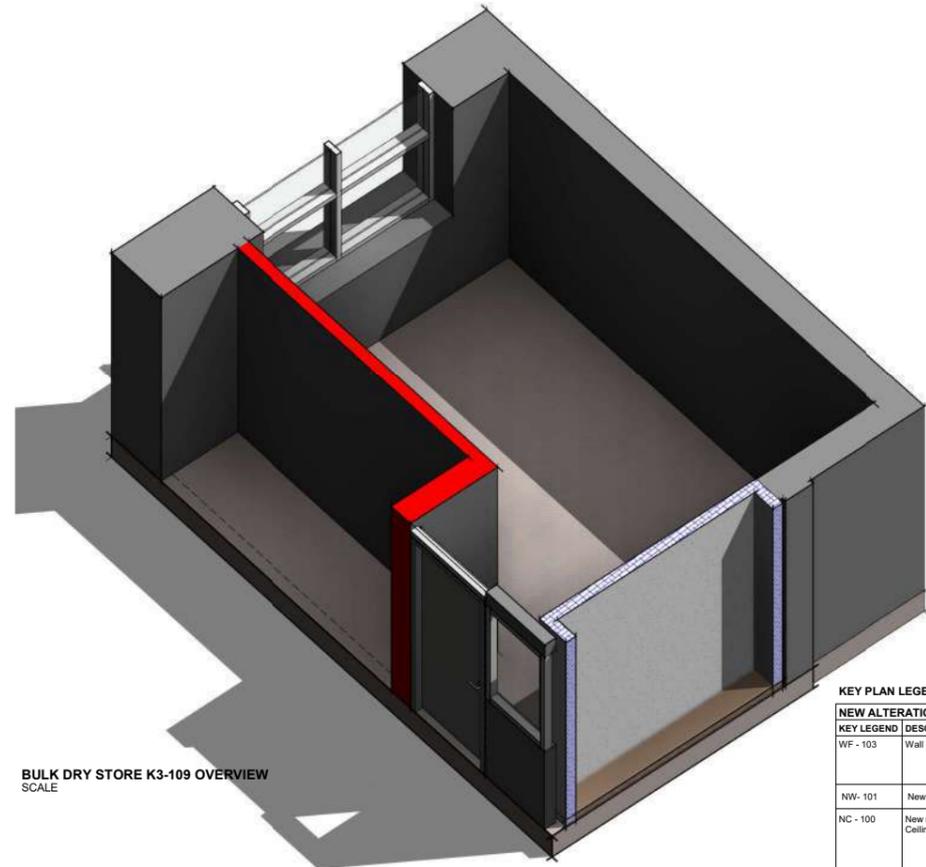
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Drawing **MARKS KITCHEN**

PREP AREA K3-107

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Dat	Check	Checker
Drawing	Current	

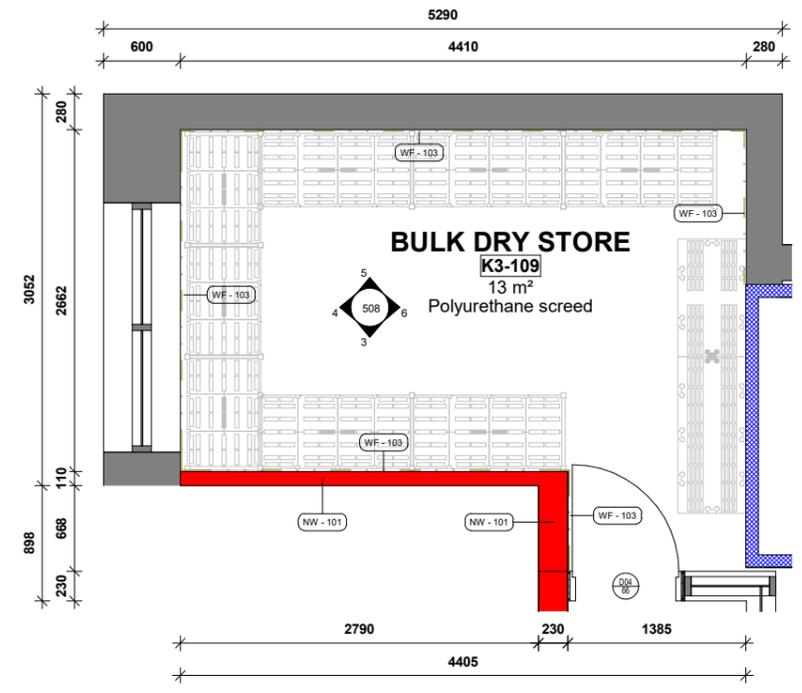
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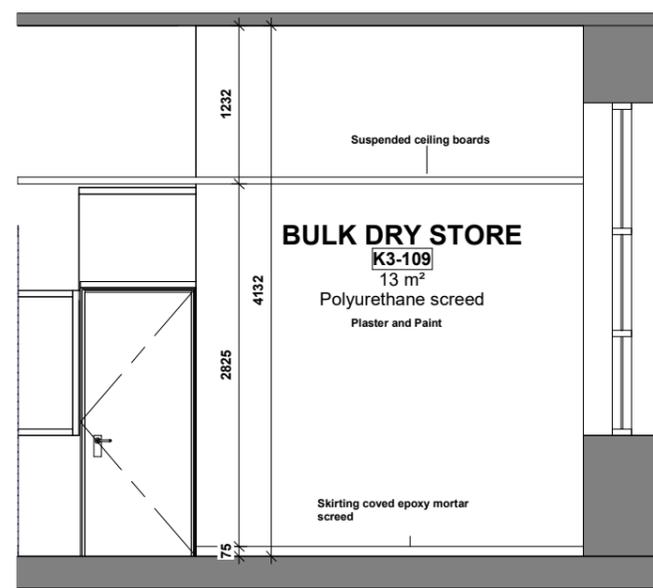
BULK DRY STORE K3-109 OVERVIEW
SCALE

KEY PLAN LEGEND K3-109

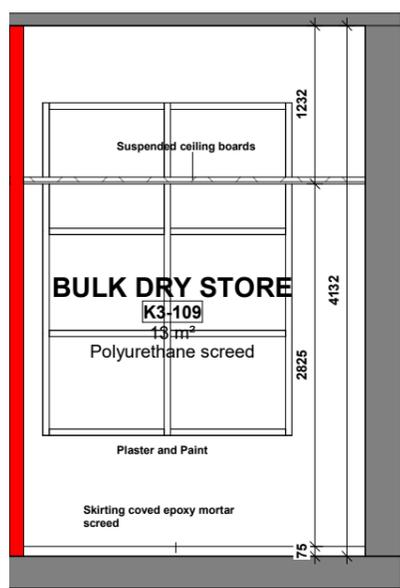
NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 103	Wall Finish	Existing Brick walls with plaster and paint, to be repainted to match with existing colour. Prepare and apply 1 coat hicoover primer and 2 coats Wallrite low sheen acrylic coating to approved colour.
NW - 101	New wall	New high wall from FFL to soffit
NC - 100	New suspended Ceiling	Wet-formed mineral fiber with acoustically transparent membrane. Finished with acoustically transparent membrane with factory-applied latex paint. Fire Performance Class A, ASTM E84 and CANULC S102 surface burning characteristics. Flame Spread Index of 25 or less. Smoke Developed Index of 50 or less (UL labeled). ASTM E1294 Classification Type IV, Form 2, Pattern E; Fire Class A, Humidity/Sag Resistance HumiGuard® Plus ceiling panels are recommended for areas subject to high humidity, up to, but not including, standing water and outdoor applications. Treated with an antibacterial liquid resist the growth of odor and stain-producing bacteria as well as mold and mildew on the ceiling tile surface



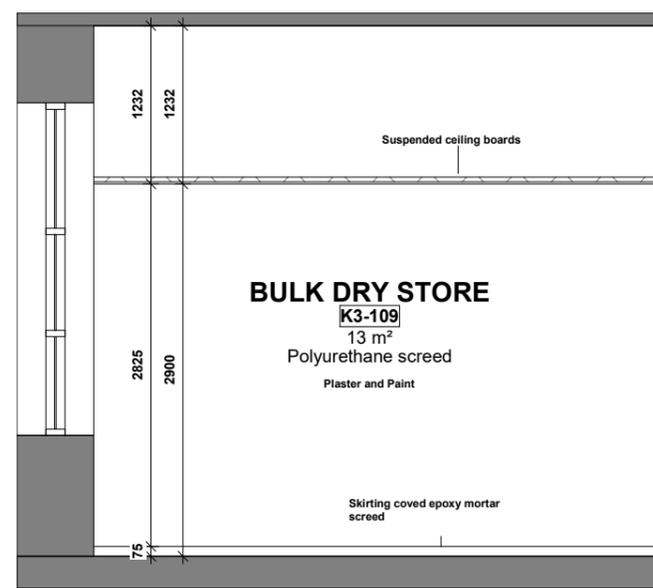
508- BULK DRY STORE K3-109
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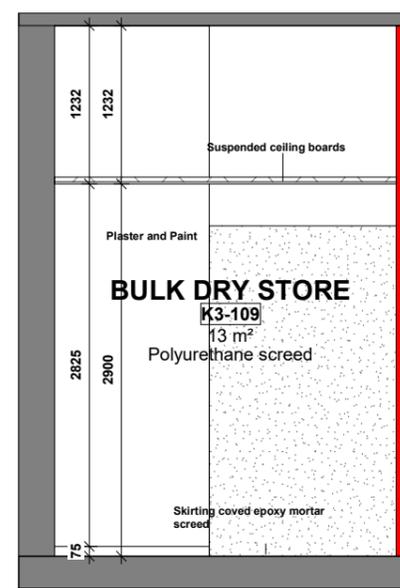
BULK DRY STORE 01
SCALE 1 : 25



BULK DRY STORE 02
SCALE 1 : 25



BULK DRY STORE 03
SCALE 1 : 25



BULK DRY STORE 04
SCALE 1 : 25

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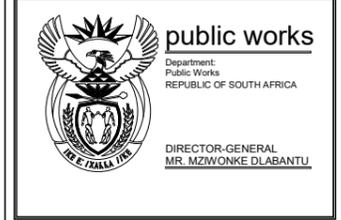
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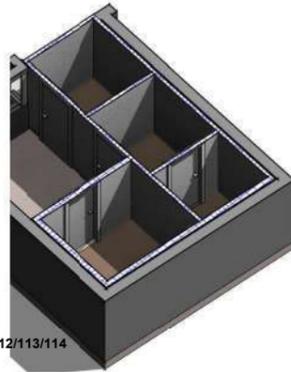


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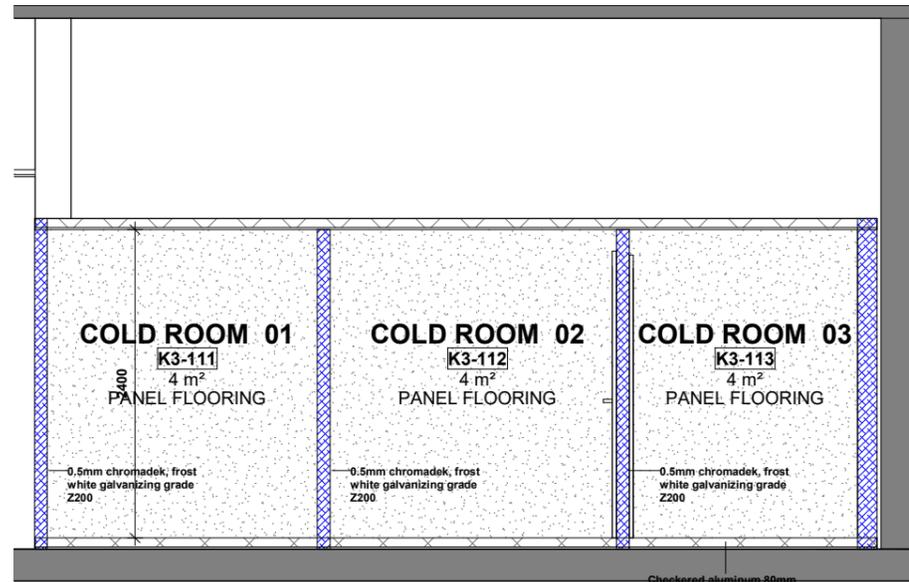
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BULK DRY STORE K3-109
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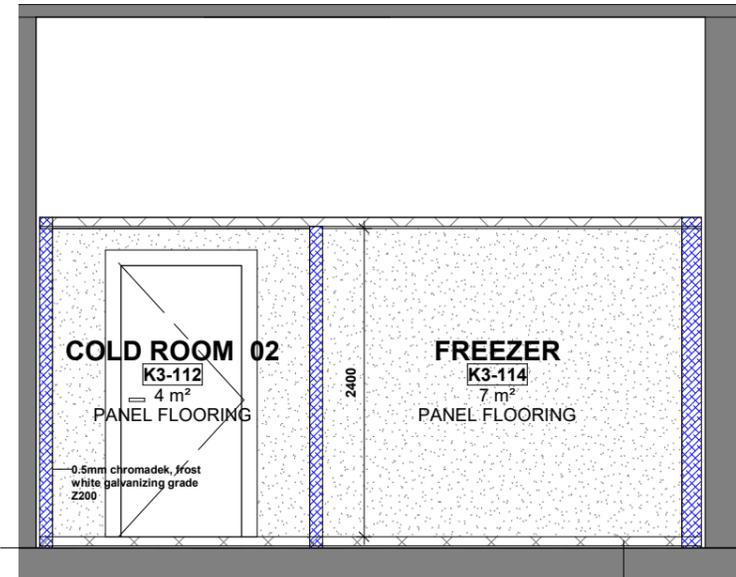
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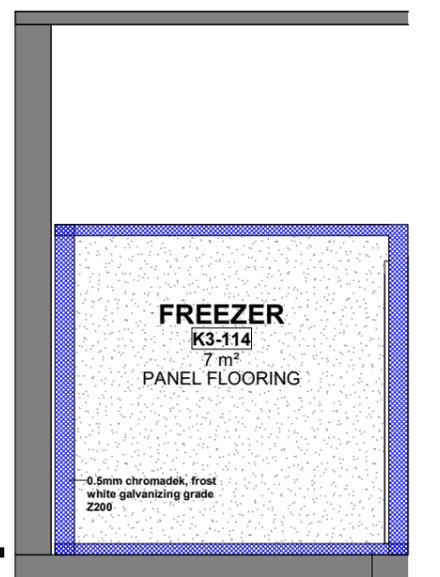
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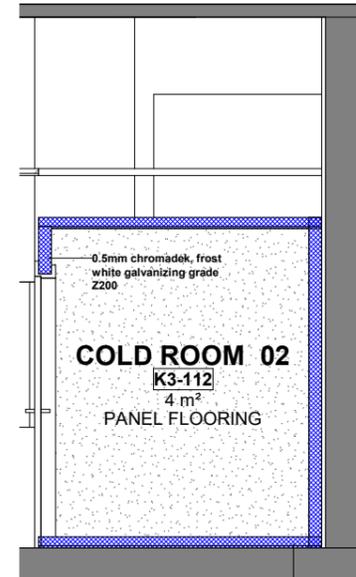
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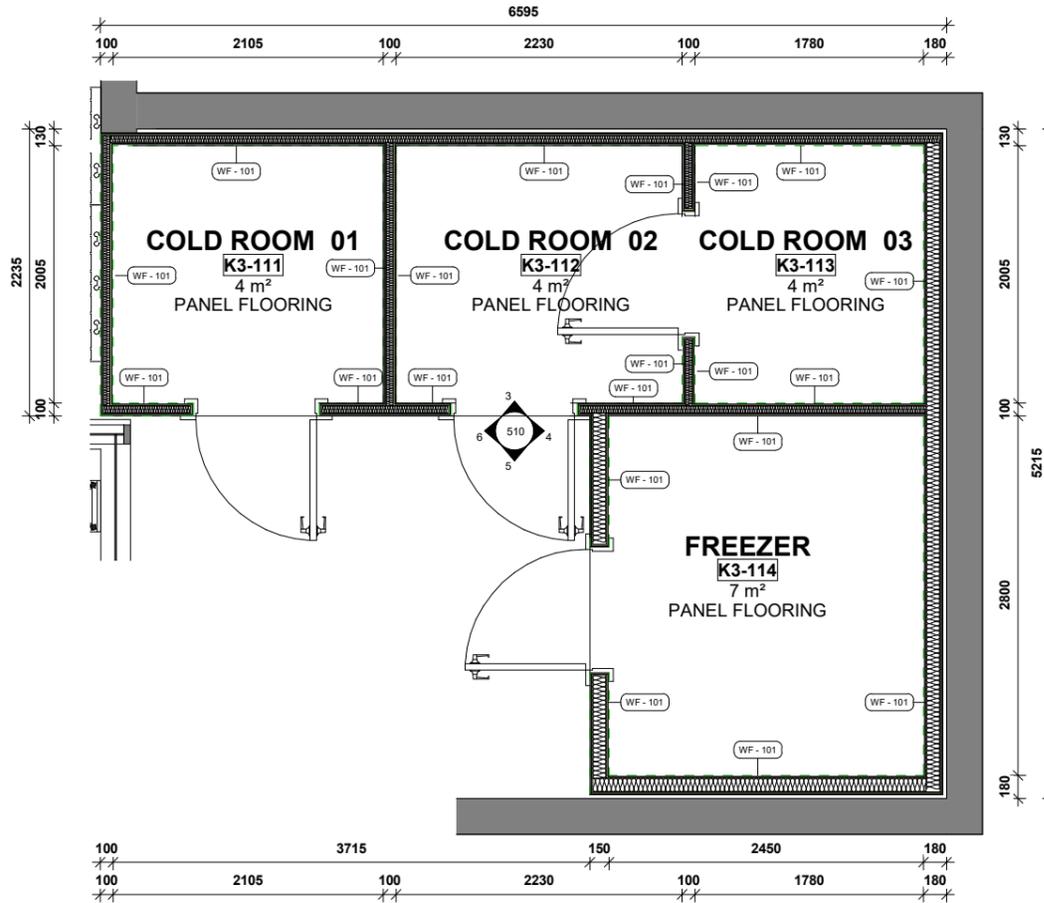
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SCALE 1:25



COLD ROOM K3-111/112/113/114_03
SCALE 1:25



COLD ROOM K3-111/112/113/114_04
SCALE 1:25



510-COLD ROOM K3-111/112/113/114
SCALE 1:25

KEY PLAN LEGEND K3 -111/112/113/114

NEW ALTERATIONS		
KEY LEGEND	DESCRIPTION	SPECIFICATION
WF - 101	Wall Finish	0.5mm chromadek, frost white galvanizing grade Z200
CD - 001	Cold room door	As per specialist spec

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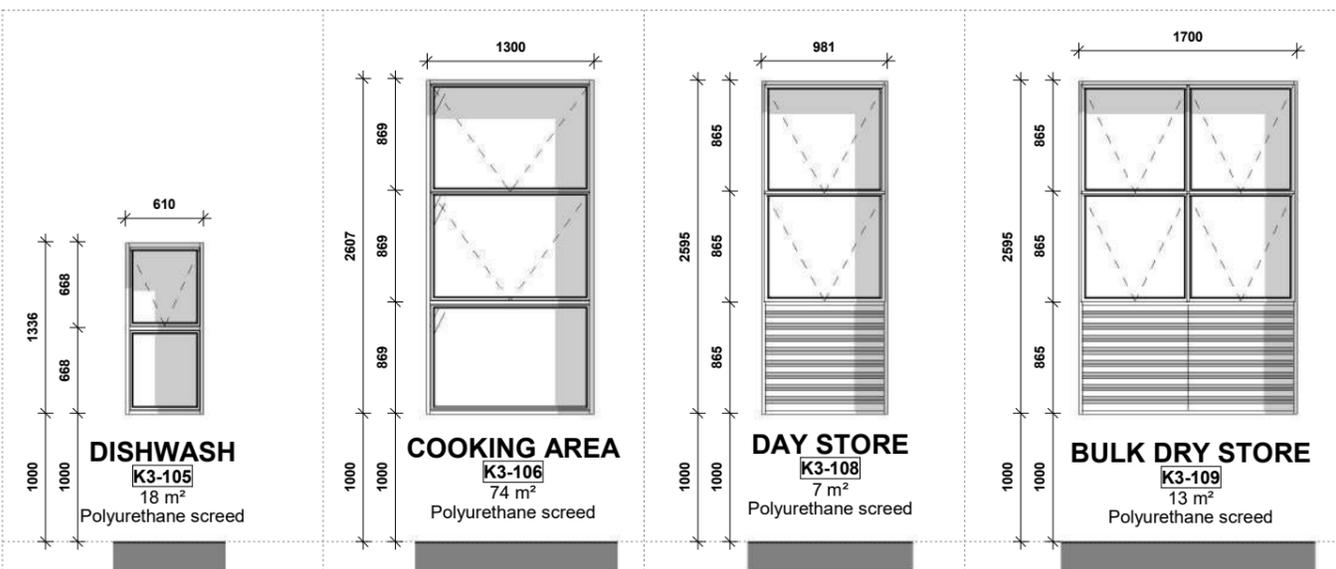
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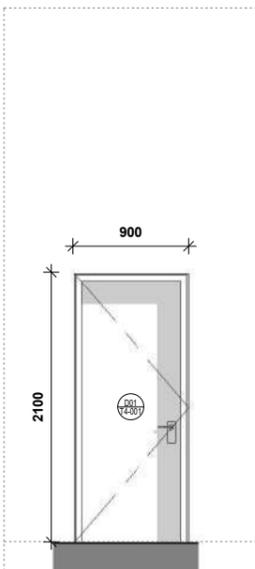
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WINDOW SCHEDULE



W01-DISHWASH SCALE 1:25	W02-COOKING AREA SCALE 1:25	W03-DAY STORE SCALE 1:25	W04-BULK DRY STORE SCALE 1:25
QUANTITY:1	QUANTITY:2	QUANTITY:1	QUANTITY:1
DESCRIPTION: Wispeco Top-hung Casement window - 687mm Wide X 1337mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery	DESCRIPTION: Wispeco Top-hung Casement window - 1300mm Wide X 2606mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery	DESCRIPTION: Wispeco Top-hung Casement window - 981mm Wide X 2596mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery with Louvre Insert into Bottom Panel	DESCRIPTION: Wispeco Top-hung Casement window - 1935mm Wide X 2596mm High with 6.38mm Clear Laminated Safety Glass & Standard Ironmongery with Louvre Insert into Bottom Panel
GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137.	GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137.	GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137.	GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137.
IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays.	IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays.	IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays.	IRONMONGERY: New Casement Windows come fitted with standard window ironmongery applicable to the system, inclusive of handles, top hung open out stays.
SURFACE FINISH: ANP1052 White Powder Coating			
WIND LOAD : 1500 Pascal's (1.5Kpa)			

DOOR SCHEDULE



D01 SCALE 1:25
QUANTITY:2
DOOR SIZE: H - 2100mm, W - 900mm. -SINGLE DOOR
FRAME CONSTRUCTION: 1.2mm Pressed steel single rebated door frame to suit door size, wall thickness.
GLASS: Single Glazed Glass: 6.38mm Clear Laminated Safety Glass (Throughout) Installed as specified in the tender documents with thicknesses in accordance with SANS 10400 Part N & SANS 10137.
DOOR CONSTRUCTION: 44mm Thick Solid Core flush panel single door with concealed hardwood edges all round, with 3.2mm timber veneer (wood type) covering to both sides.
DOOR FINISH: Prepare and apply 1 coat alkyd base WHITE undercoat and 2 coats Plascon eggshell WHITE topcoats. Applied to manufacturers specifications.
IRONMONGERY: <ul style="list-style-type: none"> • Pair of DORMA DBB-SS-009 stainless steel standard butt hinges size 102 x 75 x 3mm. • Pair of DORMA Square DSQ901 satin finish solid stainless steel spring loaded lever handles with two DSQ001 keyhole escutcheon and DORMA D034S multi-lever sash lock with lock case, stainless steel forend. • Two DSQ001 keyhole escutcheon. • DORMA D034S multi-lever sash lock with lock case. • DORMA DDS-SS-017 stainless steel door stop.

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**PARLIAMENTARY PRECINCT:
VARIOUS KITCHENS:
REPLACEMENT OF
REDUNDANT KITCHEN
EQUIPMENT INCLUDING
CONSTRUCTION WORK.**

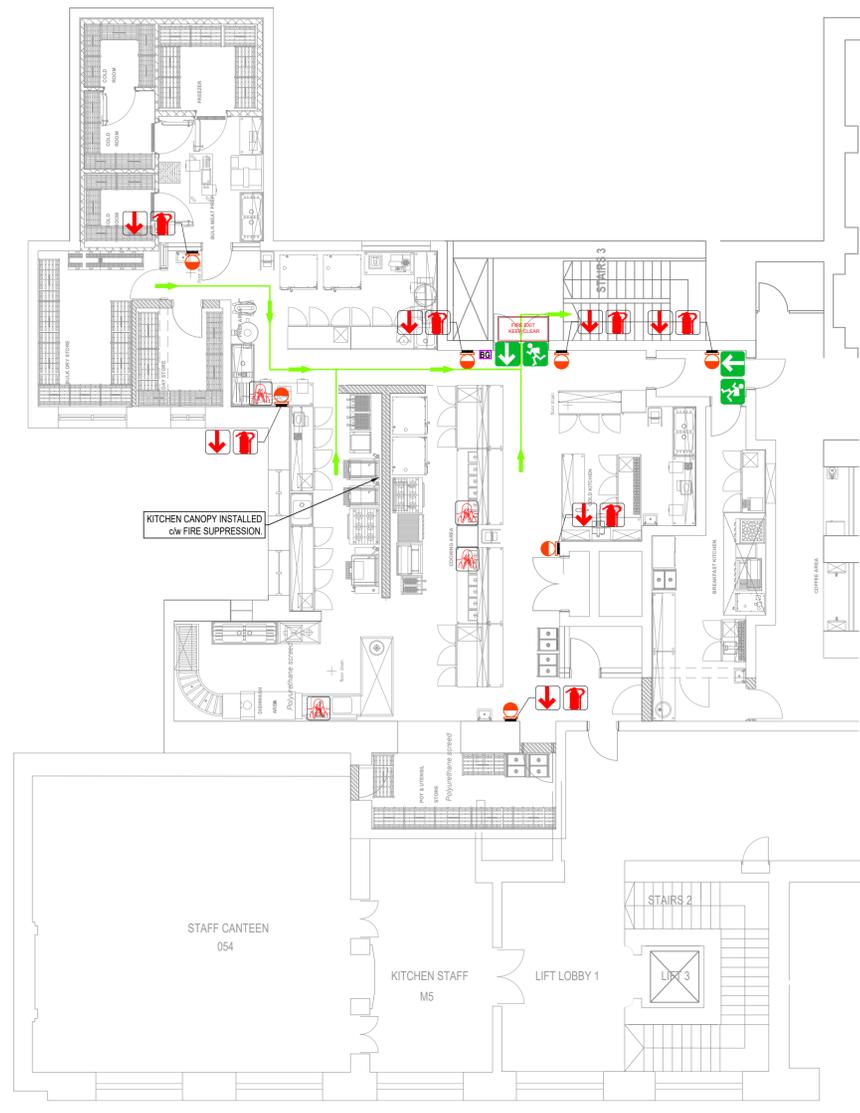
WCS number **05496**

Drawing **MARKS KITCHEN**

DOOR & WINDOW SCHEDULE

Ref.no	Design	Designer
Scal 1:25	Draw	Author
Dat 09/08/15	Check	Checker
Drawing	Current	

WC015 - 700



GROUND FLOOR
SCALE 1:100

- FIRE NOTES:**
- STRUCTURAL STABILITY AS PER SANS 10400, PART-T 30min.
 - FIRE EXTINGUISHERS, FIRE HOSE REELS AND FIRE HYDRANTS TO SANS 10400-T. PRESSURE GAUGES TO BE INSTALLED AT EACH FIRE HOSE REEL.
 - ALL SIGNS SHALL CONFORM TO SANS 1186. ALL SIGNS TO BE PHOTO-LUMINESCENT TYPE, 250x250mm. EXCEPT FOR EXIT SIGNS THAT SHALL BE INTERNALLY ILLUMINATED. ILLUMINATED EXIT SIGNS TO BE GREEN LETTERS ON WHITE BACKGROUND AND MUST BE ON EMERGENCY POWER OR BATTERY PACK.
 - ALL SIGNAGE TO BE MECHANICALLY FIXED. HANGING SIGNAGE TO BE SUSPENDED FROM SOLID ROD/ BRACKETS AND NOT CHAINS/ CABLES.
 - NO SMOKE VENTILATION IS REQUIRED. DIVISION AREAS ARE COMPARTMENTALIZED TO AREAS LESS THAN 500m².
 - TRAVEL DISTANCE DO NOT EXCEED 45m NO EMERGENCY ROUTES REQUIRED.
 - ANY OPENING IN ANY EXTERNAL WALL OF ANY DIVISION MUST BE EQUAL OR GREATER 1000mm APART.
 - DOORS ON ACCESS CONTROL TO CLOSE/RELEASE ON FIRE DETECTION SIGNAL.
 - ALL ESCAPE DOORS IN ESCAPE ROUTE TO SWING IN DIRECTION OF TRAVEL.
 - ALL PENETRATIONS AND OPENINGS IN WALLS INDICATED AS FIRE WALLS AS PER THE FIRE PLAN DRAWINGS ARE TO BE CLOSED UP AND AND FIRE SEALED TO THE SAME RATING REQUIRED FOR THE SAID WALLS. USING SABS APPROVED PRODUCTS.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	30m PVC FIRE HOSE REEL
	65mm RIGHT-ANGLE FIRE HYDRANT
	BOOSTER CONNECTION
	BREAK GLASS UNIT
	HYDRANT MAIN SUPPLY (Ø80 - 100)
	FIRE HOSE REEL SUPPLY (Ø25 - 50)
	30 MINUTE FIRE RATED WALL
	60 MINUTE FIRE RATED WALL
	120 MINUTE FIRE RATED WALL
	CLASS A 60min SELF CLOSING FIRE DOOR
	CLASS B 120min SELF CLOSING FIRE DOOR
	CLASS F 30min SELF CLOSING FIRE DOOR
	2 HOUR FIRE RATED LIFT DOOR WITH SMOKE SEAL BETWEEN LEAVES
	DIRECTIONAL ARROW
	9Kg DCP FIRE EXTINGUISHER
	4.5Kg DCP FIRE EXTINGUISHER
	5kg CO ² FIRE EXTINGUISHER

FOR TENDER

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T0 : TENDER DRAWING	IB : BY ARCHITECT
0,1,2... : AFTER TENDER	IC : BY MECHANICAL OR ELECTRICAL
Z : AS BUILT	ID : BY BV
	IE : BY OTHER ()

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PROJECT

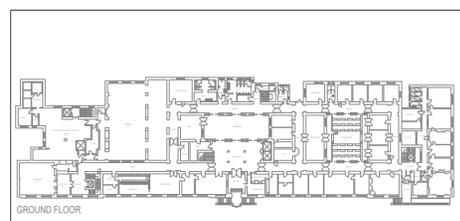
**PARLIAMENT PRECINCT
KITCHEN
REPLACEMENT OF EQUIPMENT**

DRAWING TITLE

**MARKS BUILDING
GROUND FLOOR
FIRE PROTECTION LAYOUT**

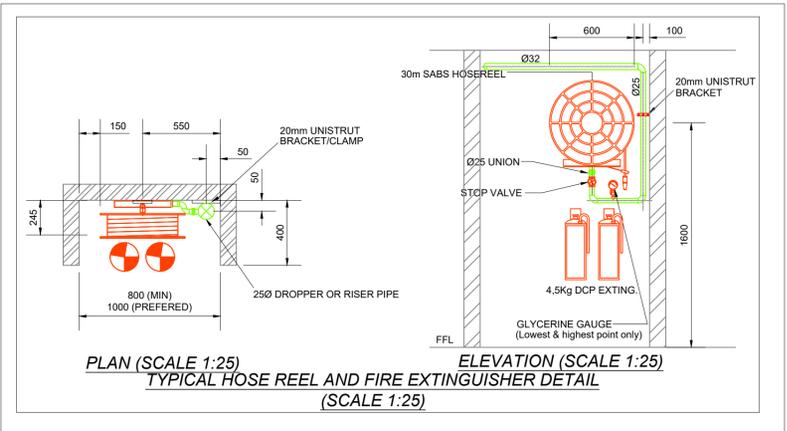
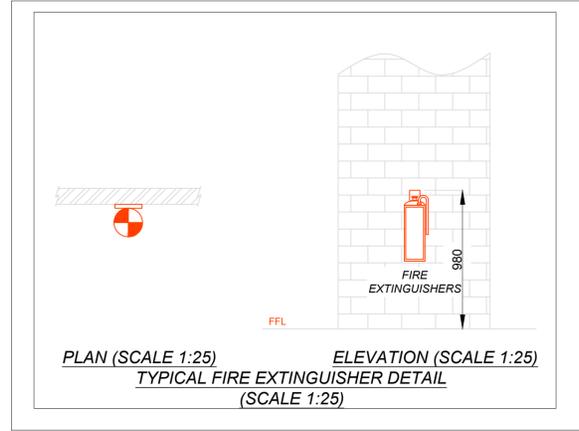
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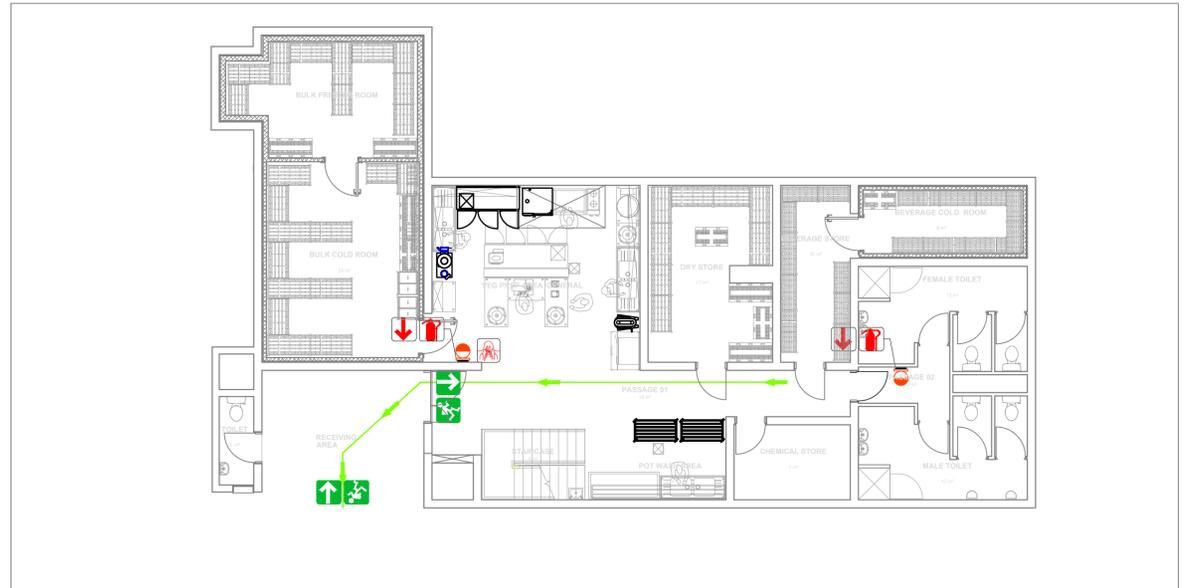
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33547.01-720-01 T0 24 May 2022

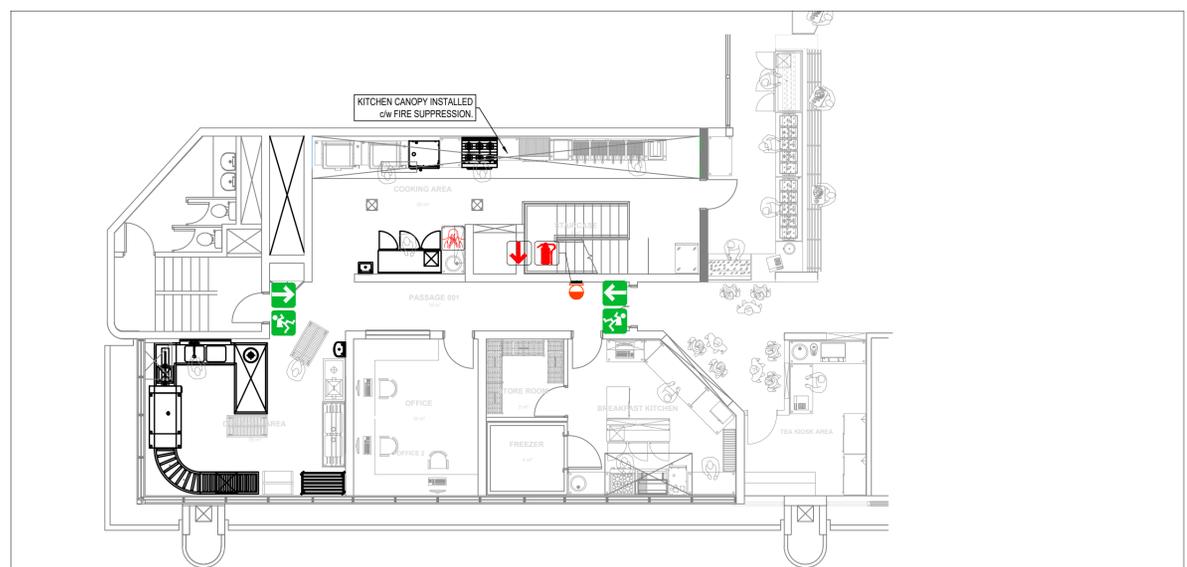


FIRE AND DIRECTIONAL SIGNAGE

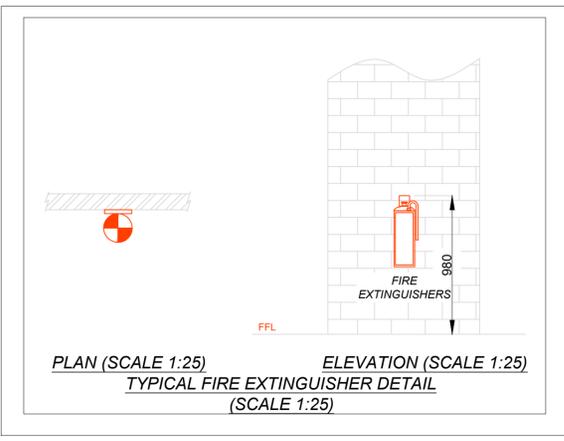
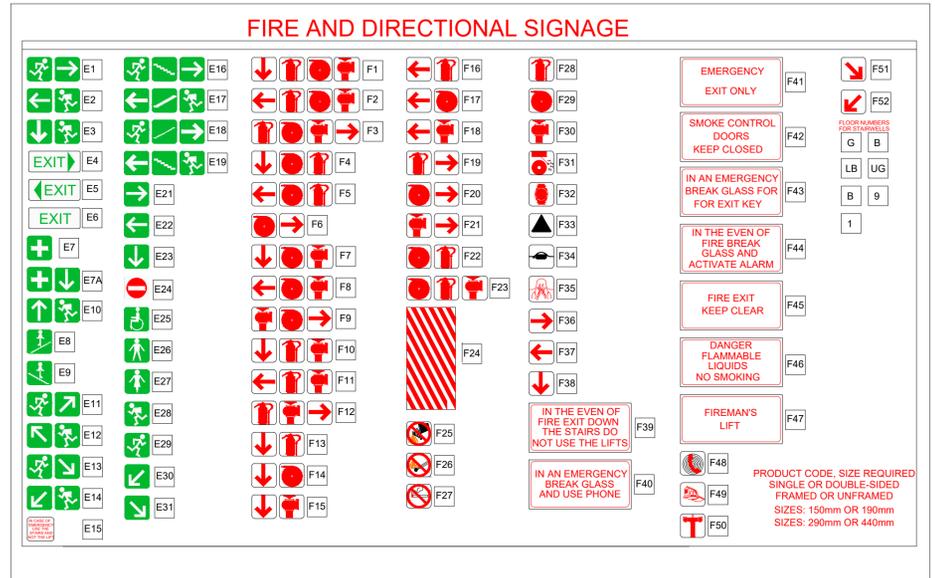
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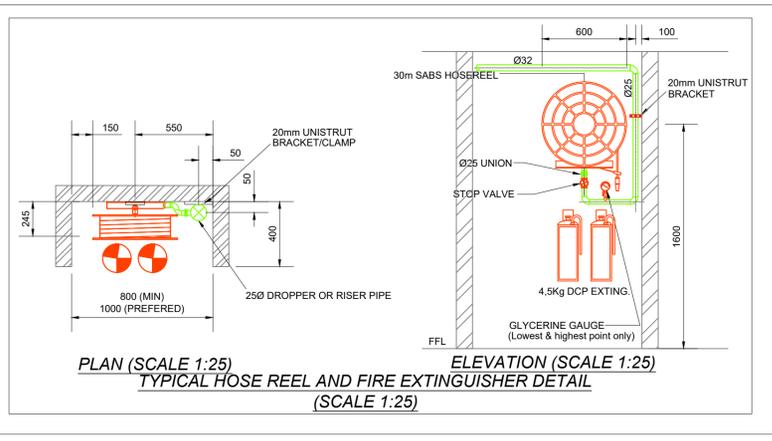
GROUND FLOOR
SCALE 1:100



FIRST FLOOR
SCALE 1:100



PLAN (SCALE 1:25) ELEVATION (SCALE 1:25)
TYPICAL FIRE EXTINGUISHER DETAIL (SCALE 1:25)



PLAN (SCALE 1:25) ELEVATION (SCALE 1:25)
TYPICAL HOSE REEL AND FIRE EXTINGUISHER DETAIL (SCALE 1:25)

- FIRE NOTES:**
- STRUCTURAL STABILITY AS PER SANS 10400. PART-T 30min.
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	DIRECTIONAL ARROW
	9Kg DCP FIRE EXTINGUISHER
	4.5Kg DCP FIRE EXTINGUISHER
	5kg CO² FIRE EXTINGUISHER

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AMENDMENT	BY	DATE	DESCRIPTION
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Z	AS BUILT		

REVISION DESCRIPTION

DATE	INITIAL	No./CODE	REVISION DESCRIPTION
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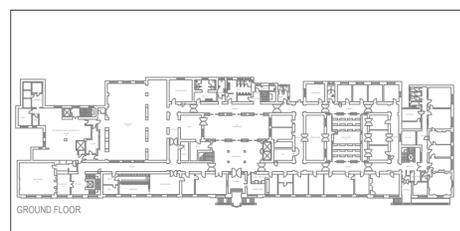
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	Springbok	(027) 710-8800	sb@bvi.co.za
KwaZulu Natal	Durban	(031) 286-8302	dn@bvi.co.za
	Empangeni	(035) 774-1112	emp@bvi.co.za
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	East London	(043) 755-1444	el@bvi.co.za
Western Cape	Cape Town	(021) 927-7000	cpt@bvi.co.za



PROJECT: **PARLIAMENT PRECINCT KITCHEN REPLACEMENT OF EQUIPMENT**

DRAWING TITLE: **90 PLEIN STREET GROUND & FIRST FLOOR FIRE PROTECTION LAYOUT**



APPROVED BY bvi

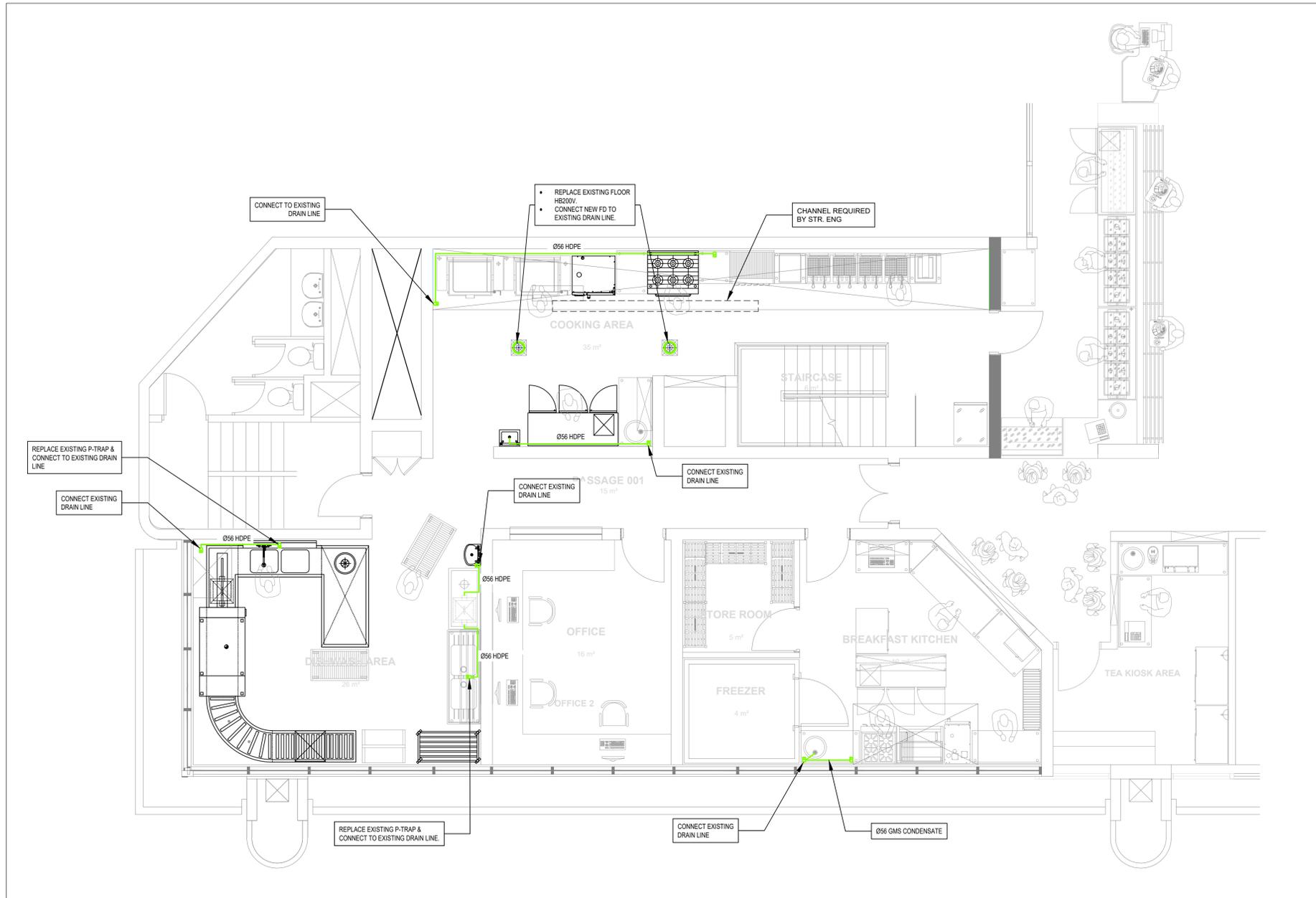
ENGINEER/TECHNOLOGIST	REG. NO.	DATE
	200970062	03/06/2022

SCALE	AS SHOWN @ A1	DRAWN	N.M
DESIGNED	N.M	CHECKED	A.M

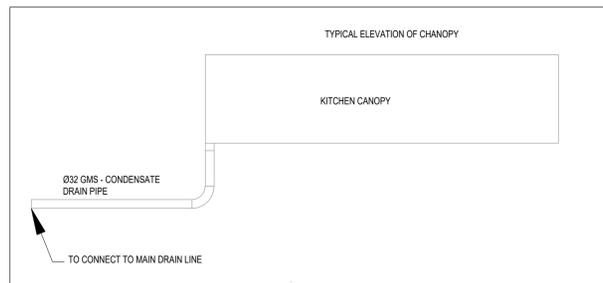
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33547.01-720-02	T0	3 June 2022

- KEY PLAN -

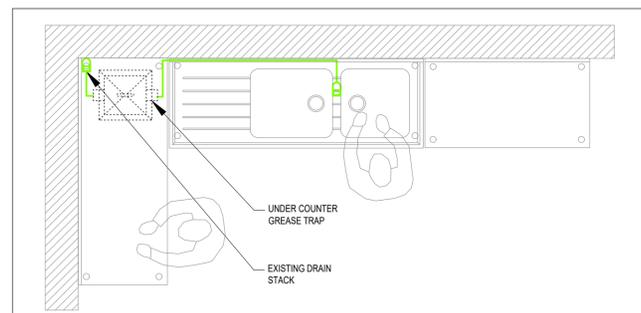
33547.01-02-720 REV A (90 PLEIN STREET KITCHEN).DWG



UPPER GROUND FLOOR
SCALE 1:50



TYPICAL ELEVATION OF CANOPY
SCALE: NTS



TYPICAL UNDER COUNTER GREASE TRAP
CONNECTION DETAILS
SCALE: NTS

DRAINAGE & RAINWATER LEGEND			
S = STACK	FA = FROM ABOVE	CAST IRON FBO	
V = VENT	FB = FROM BELOW	PLUVIA OUTLET 12 Us	
RE = RODDING EYE	TA = TO ABOVE	GULLY	
IE = INSPECTION EYE	TB = TO BELOW	ANTI-VAC TRAP	
FD = FLOOR DRAIN	CD = CONDENSATE DRAIN		
	SHOWER DRAIN		CAST IRON FBO
	HDPE TERRACE OUTLET		PLUVIA OUTLET 12 Us
	BALL FITTING		GULLY
	WM / DW SINK CONNECTION		ANTI-VAC TRAP
	VALSIR INTEGRAL WM / DW WASTE CONNECTION AND TRAP		
	HWC DRIP TRAY		
	RODDING EYE IN GROUND		
	OVAL INSPECTION EYE		
	ROUND ACCESS/RODDING EYE		
	DRAINAGE PIPELINE ABOVE SLAB		
	DRAINAGE PIPELINE IN SLAB/UNDERGROUND		
	DRAINAGE PIPELINE AGAINST SOFFIT		
	STORMWATER PIPELINE ABOVE SLAB		
	STORMWATER PIPELINE IN SLAB/UNDERGROUND		
	STORMWATER PIPELINE AGAINST SOFFIT		
	PLUVIA PIPELINE ABOVE SLAB		
	PLUVIA PIPELINE IN SLAB/UNDERGROUND		
	PLUVIA PIPELINE AGAINST SOFFIT		

- DRAINAGE NOTES**
1. ALL PRIMARY CO-ORDINATION TO BE THE RESPONSIBILITY OF THE PRINCIPAL AGENT.
 2. DRAIN PIPES AND FITTINGS TO COMPLY WITH SPECIFICATIONS: SABS 0262-2 BS 5750 EN 1519
 3. DRAINAGE INSTALLATION TO BE HDPE PIPES AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
 4. ALL HWC DRIP TRAYS TO BE COMPLETE WITH 75MM DEEP GLYCERINE FILLED TRAPS.
 5. ALL DRAIN LINES ABOVE, CAST INTO SLABS AND UNDERGROUND, TO HAVE A 1:80 FALL, UNLESS OTHERWISE INDICATED.
 6. ALL VENT PIPES PENETRATING TILED ROOFS TO BE WATERPROOFED OR FLASHED TO ARCHITECT'S DETAIL.
 7. PLEASE NOTE THAT, WHERE APPLICABLE, BALL FITTINGS MUST HAVE REDUCED BRANCH CONNECTIONS TO SUITE BRANCH PIPE DIAMETER.
 8. PLEASE NOTE THAT REDUCING Y-BRANCHES ARE TO BE USED WHERE APPLICABLE.
 9. ALL WCs WASTE PIPE TO BE INSTALLED WITH STUB-STACK

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Department of Public Works
REPUBLIC OF SOUTH AFRICA

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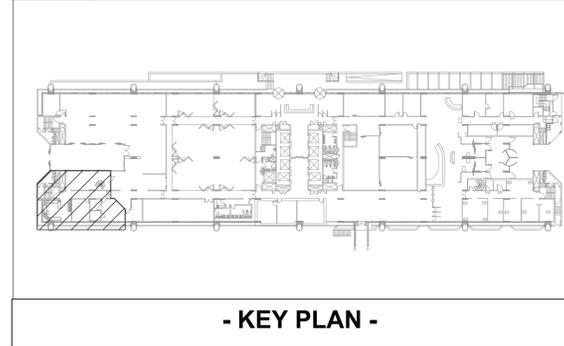
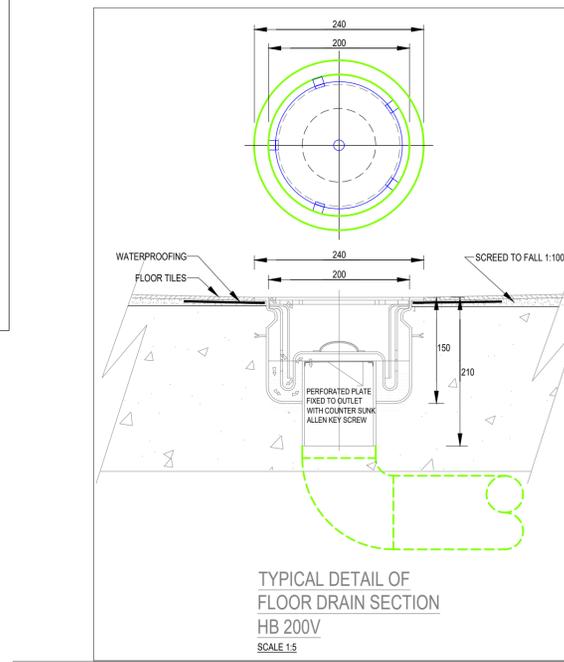
PARLIAMENT KITCHEN UPGRADE

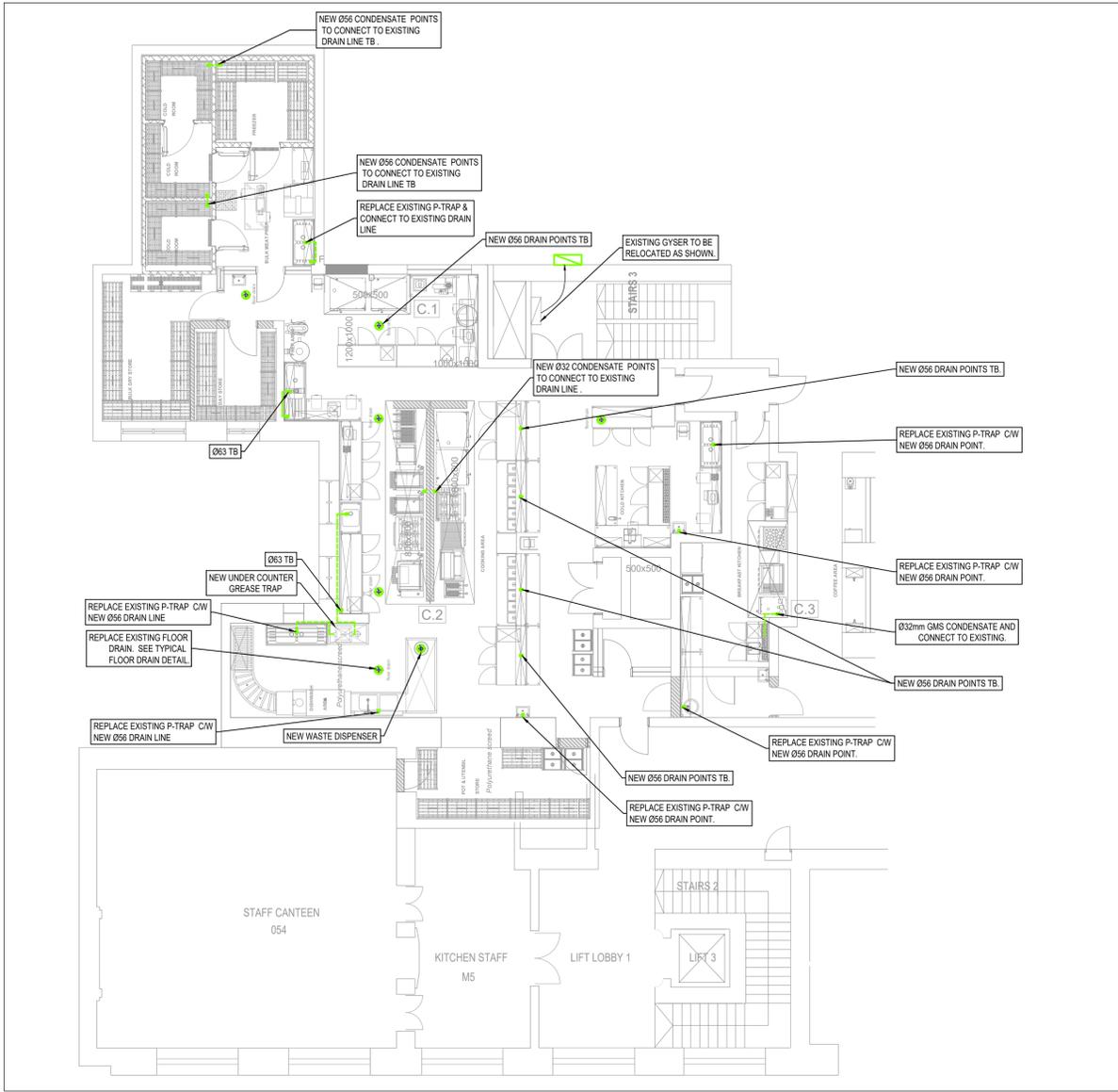
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90 PLEIN STREET
UPPER GROUND FLOOR
PLUMBING AND DRAINAGE

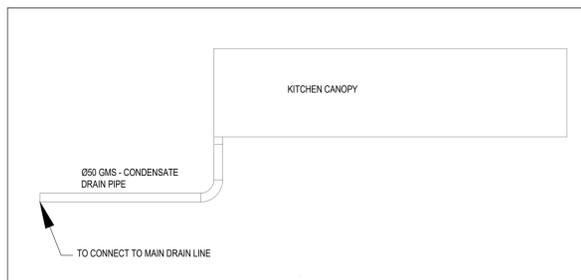
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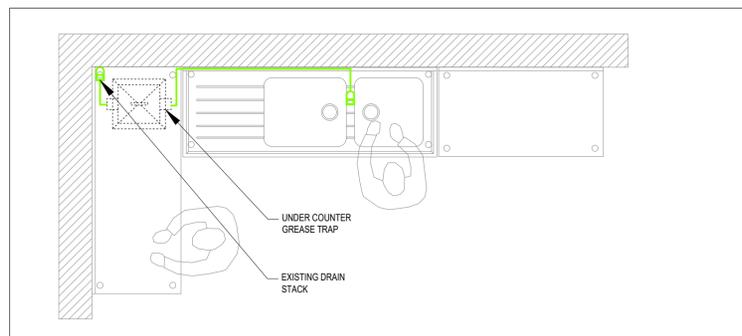




MARKS BUILDING
SCALE 1:100



TYPICAL ELEVATION OF CANOPY
SCALE: NTS



TYPICAL UNDER COUNTER GREASE TRAP
CONNECTION DETAILS
SCALE: NTS

DRAINAGE & RAINWATER LEGEND	
S = STACK	FA = FROM ABOVE
V = VENT	FB = FROM BELOW
RE = RODDING EYE	TA = TO ABOVE
IE = INSPECTION EYE	TB = TO BELOW
FD = FLOOR DRAIN	CD = CONDENSATE DRAIN

- DRAINAGE & RAINWATER NOTES**
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 2. DRAIN PIPES AND FITTINGS TO COMPLY WITH SPECIFICATIONS: SABS 0252-2, BS 5750, EN 1519.
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 4. ALL HWC DRIP TRAYS TO BE COMPLETE WITH 75MM DEEP GLYCERINE FILLED TRAPS.
 5. ALL DRAIN LINES ABOVE, CAST INTO SLABS AND UNDERGROUND, TO HAVE A 1:60 FALL, UNLESS OTHERWISE INDICATED.
 6. ALL VENT PIPES PENETRATING TILED ROOFS TO BE WATERPROOFED OR FLASHED TO ARCHITECT'S DETAIL.
 7. PLEASE NOTE THAT, WHERE APPLICABLE, BALL FITTINGS MUST HAVE REDUCED BRANCH CONNECTIONS TO SUITE BRANCH PIPE DIAMETER.
 8. PLEASE NOTE THAT REDUCING Y-BRANCHES ARE TO BE USED WHERE APPLICABLE.
 9. PLEASE NOTE THAT REDUCING Y-BRANCHES ARE TO BE USED WHERE APPLICABLE.
 10. ALL WC & WASTE PIPE TO BE INSTALLED WITH STUB-STACK.

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REPUBLIC OF SOUTH AFRICA

PROJECT

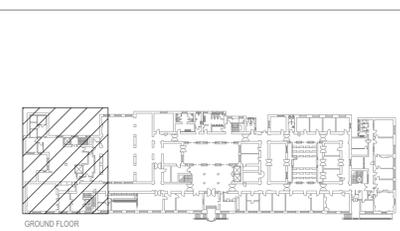
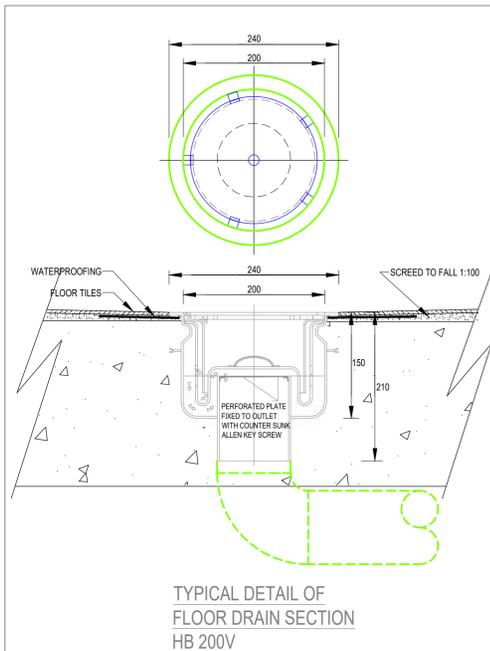
**PARLIAMENT PRECINCT
KITCHEN REPLACEMENT
OF EQUIPMENT**

DRAWING TITLE

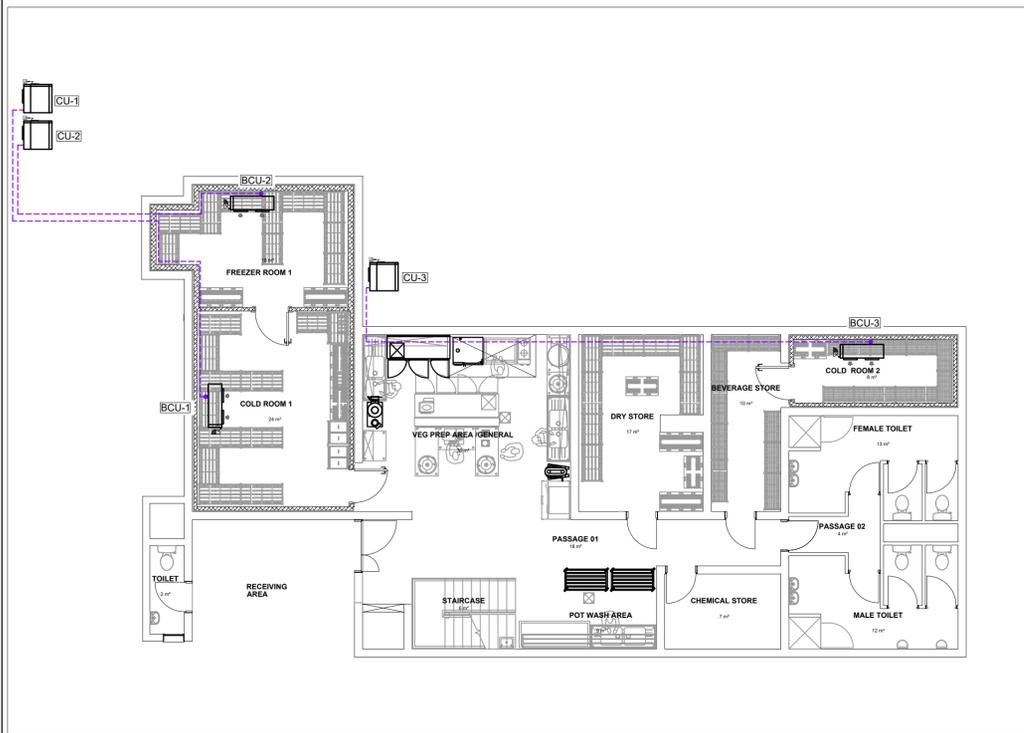
**MARKS BUILDING
UPPER GROUND FLOOR
PLUMBING AND DRAINAGE**

APPROVED BY BVI

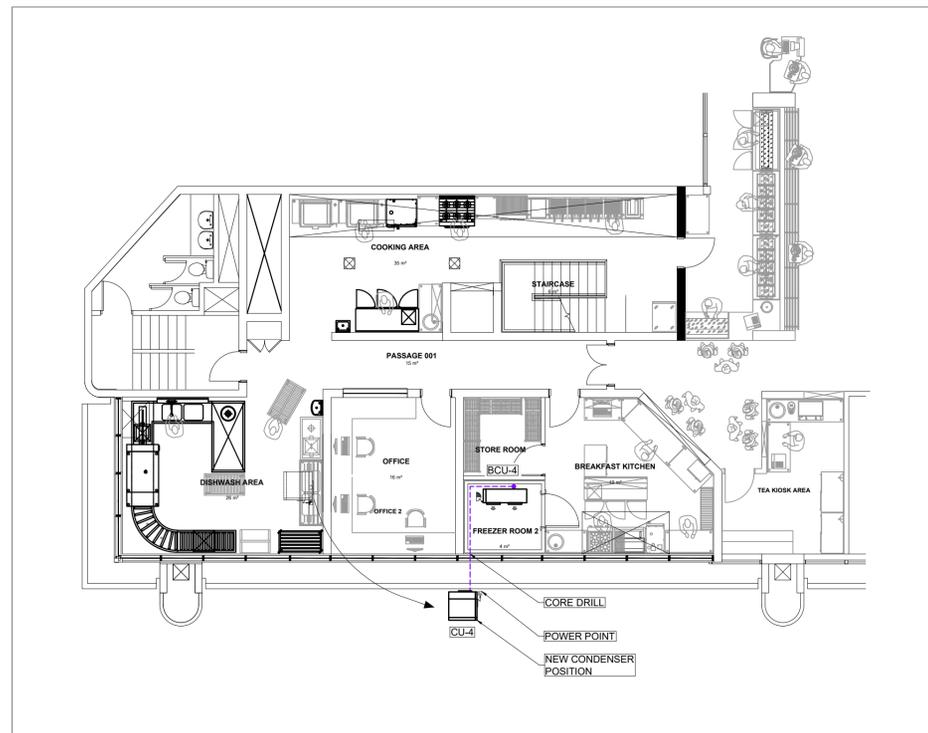
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ENGINEER/TECHNOLOGIST	REG. NO.	DATE
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33547.01-710-02	T0	Thursday, June 09, 2022



- KEY PLAN -



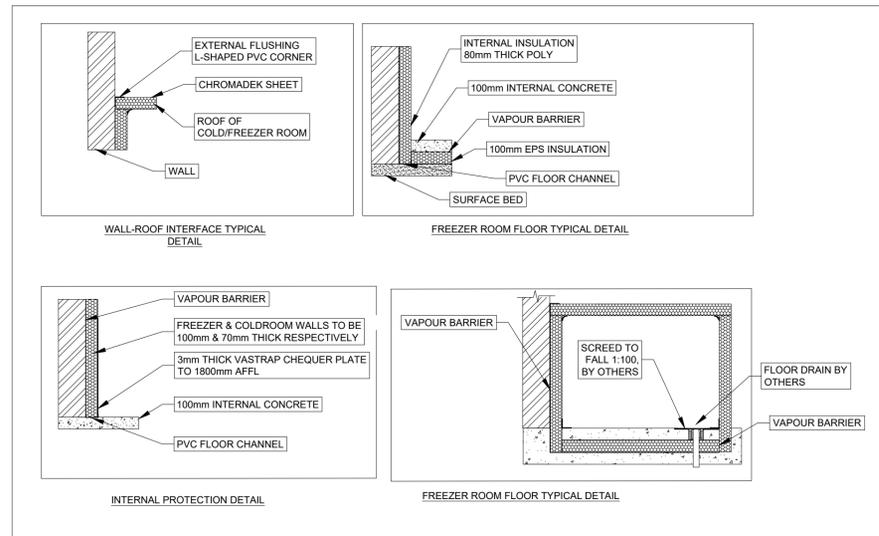
GROUND FLOOR
SCALE 1:100



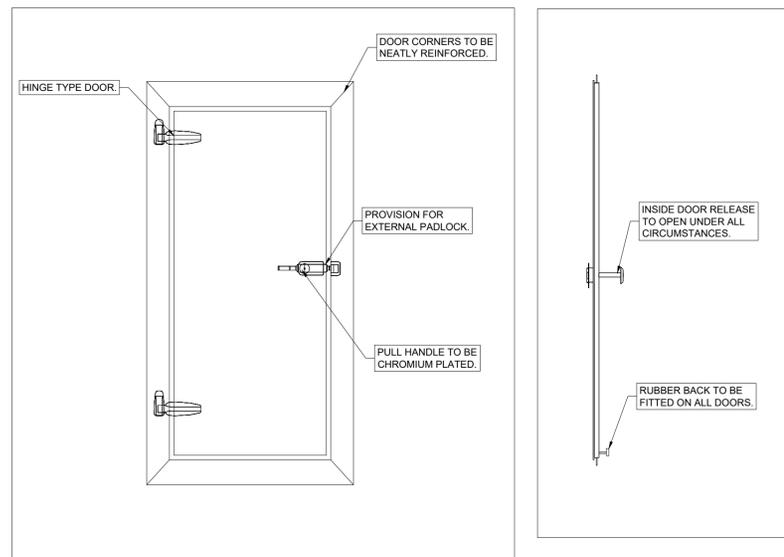
FIRST FLOOR
SCALE 1:100

COLDROOM SCHEDULE:-

ROOM	COLD ROOM 1	COLD ROOM 2	FREEZER ROOM 1	FREEZER ROOM 2
ROOM SIZE	m ² 72	24	48	12
BLOWER COIL NO.	BCU-1	BCU-3	BCU-2	BCU-4
POWER SUPPLY	kW 2.3	1.1	1.95	0.6
V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50
ROOM TEMPERATURE °C	0	0	-20	-20
EVAP. TEMPERATURE °C	-5	-5	-27	-27
CAPACITY	kW 4.6	2.2	3.9	1.2
CONDENSER NO.	CU-1	CU-3	CU-2	CU-4
CONDENSING TEMP. °C	45	45	45	45
POWER SUPPLY	V/Ph/Hz 400/3/50	400/3/50	400/3/50	400/3/50



COLDROOM PANEL CONSTRUCTION DETAILS
SCALE: NTS



TYPICAL COLDROOM DOOR (FRONT VIEW)
SCALE: NTS

TYPICAL COLDROOM DOOR (SIDE VIEW)
SCALE: NTS

REFRIGERATION NOTES:

GENERAL NOTES:

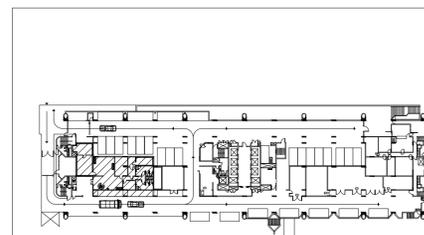
- THIS DRAWING DEPICTS DESIGN INTENT. THEREFORE THE REFRIGERATION SUB CONTRACTOR MUST SELECT THE COMPRESSORS AND CONDENSERS TO SUIT THE OPERATING CONDITIONS OF THE EVAPORATIVE BLOWER COILS.
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE REFRIGERATION STANDARD SPECIFICATION.
- ALL REFRIGERANT EQUIPMENT ARE NOT TO USE R22 REFRIGERANT, ONLY R410A OR R134A SHALL BE ACCEPTED.
- ALL REFRIGERATION EQUIPMENT IS TO BE COMPLETE WITH COMPRESSORS, CONDENSERS, DRIERS, RECEIVERS, HP/LP SWITCHES, OIL SEPARATORS, ACCUMULATORS, ELECTRIC CONTROLLERS AND ALL NECESSARY ACCESSORIES.
- DETAIL SPECIFICATION OF COLD ROOMS AND FREEZER PANELS, DOORS, WALLS, ROOFS, FLOORS, FINISHES AND INSTALLATION ARE PROVIDED IN THE DPW-STANDARD SPECIFICATION (PW 328) FOR REFRIGERATION.
- MINIMUM INTERNAL DIMENSIONS OF ROOM SIZES REQUIRED ARE INDICATED OR ON THE LAYOUT DRAWING. ACTUAL DIMENSIONS MUST BE DETERMINED ON SITE PRIOR TO MANUFACTURING OF PANELS.
- BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR EQUIPMENT, REFRIGERANT PIPING AND CONDENSATE DRAINAGE INSTALLATIONS AND MAKE GOOD AFTER COMPLETION OF THE INSTALLATION.
- ALL PIPING AND CABLING THRU WALLS SHALL BE INSTALLED IN PVC SLEEVE.
- FIRE STOPPING & SEALING OF ALL PIPE ENTRIES SHALL BE TO ARCHITECT'S DETAIL.
- PROVIDE POWER SUPPLY TO THE COLD ROOM DISTRIBUTION PANEL (DB-CR) LOCATED ON THE PLANT ROOF SLAB, REFER TO LAYOUT DRAWING.
- ELECTRICAL ISOLATORS SHALL BE PROVIDED WITHIN A METER OF ALL REFRIGERATION EQUIPMENT.
- PLUMBER TO PROVIDE GULLY OR TRAPPED POINT FOR CONDENSATE DRAINAGE FROM REFRIGERATION UNITS.

COLD ROOMS & FREEZERS

- COLDROOMS AND FREEZER ROOMS SHALL BE MADE OF 70mm THICK AND 100mm TRIMMICK POLYURETHANE, CLAD WITH 0.6mm WHITE CHROMADEK FLUTED PANELS.
- FREEZER ROOMS TO INCLUDE FLOOR CURVED CORNERS, CHROMADEK CHANNELS, FLUSHINGS AND ANGLES, POP RIVETS & SILICON.
- DOOR TO BE 900MM W x 2000mm H M/T HINGED DOOR.
- COLD ROOM AND FREEZER ROOMS TO BE COMPLETE WITH PVC STRIP CURTAIN - 900mm W x 2mm WITH TOP GALVANISED RAIL.
- FREEZER FLOORS TO BE FITTED WITH 100mm POLYURETHANE WITH VAPOUR SEAL.
- COLD / FREEZER ROOMS SHALL BE EQUIPPED WITH LIGHTS GENERALLY AT NOT LESS THAN 1 LIGHT PER 10m².
- NO ROOM SHALL HOWEVER HAVE LESS THAN TWO LIGHTS FITTED.
- LIGHTS SHALL BE WIRED FROM THE REFRIGERATION CONTROL PANEL WITH A SEPARATE CIRCUIT BREAKER.
- A COMBINED LIGHT WITH INDICATOR PILOT LIGHT FOR CONTROL OF THE LIGHTS SHALL BE NEXT TO THE DOOR FOR EACH ROOM.
- THE LIGHT SWITCH SHALL BE FINISHED IN NEAT BAKED ENAMEL TO BLEND IN WITH THE PANEL FINISH AND SHALL BE TO THE MANUFACTURE'S STANDARD.
- LIGHTS MUST BE SYMMETRICALLY SPACED WITH REGARDS TO THE SHELVES AND RAILS TO ENSURE MAXIMUM LIGHT IN PASSAGES AND ALL PARTS OF THE ROOMS.
- THE LIGHTS AND FITTINGS COMPLETE WITH WIRING MUST BE ENTIRELY MOISTURE PROOF AND SUITABLE FOR COLD / FREEZER ROOM APPLICATIONS.
- SWING TYPE HINGED DOORS FOR FREEZER ROOM SHALL NOT BE FITTED FLUSH WITH THE WALL PANELS BUT SHALL FIT 'SLAM-ON'
- DOORS FITTED TO ROOMS WITH ROOM FLOOR ON THE SAME LEVEL AS THE EXTERIOR FLOOR SHALL BE PROVIDED WITH CAM TYPE (HINGED) AND DROP IN, DROP DOWN (SLIDING) HINGES TO SEAL PROPERLY ON THE FLOOR.
- WALL PANELS SHALL BE SUITABLE REINFORCED INTERNALLY TO ENSURE SOLID AND ROBUST FIXING OF THE DOOR FIXTURES.

REFRIGERATION

- PRESSURE / VACUUM RELIEVE VALVES SHALL BE INSTALLED IN ALL FREEZER ROOMS.
- EACH COLD / FREEZER ROOM SHALL BE FITTED WITH A 100mm DIAMETER DIAL TYPE THERMOMETER ABOVE THE DOOR.
- THE CAPILLARY TUBE FOR THE THERMOMETER SHALL BE TAKEN THROUGH THE WALL IN A 20mm DIAMETER SLEEVE PIPE SEALED WITH SILICONE SEALANT ON BOTH SIDES.
- THE BULB SHALL BE INSTALLED 25mm OFF THE WALL IN A TOP CORNER OF THE ROOM AS HIGH AS POSSIBLE BUT NOT DIRECTLY IN THE AIR STREAM OF THE BLOWER COIL UNIT.
- THE THERMOMETER RANGE SHALL MATCH THE APPLICATION.
- ALL REFRIGERANT PIPING ARE TO BE SOFT DRAWN COPPER PIPES AND SHALL BE INSULATED WITH ARMA-FLEX.
- CONDENSERS ARE TO BE INSTALLED ON A PURPOSE MADE BRACKET.
- BRACKETS ARE TO BE GALVANISED STEEL.
- COLD ROOM BLOWER COIL DRAIN PANS SHALL BE FITTED WITH COPPER DRAIN PIPING AT LEAST 22mm IN DIAMETER.
- FREEZER ROOM BLOWER COIL DRAIN PANS SHALL BE FITTED WITH COPPER DRAIN PIPING AT LEAST 35mm IN DIAMETER.
- DRAIN PIPING SHALL BE TAKEN TO THE NEAREST DRAIN POINT.
- DRAIN PIPES FROM DRAIN PANS FOR FREEZER ROOM SHALL BE WRAPPED WITH HEATER TAPE OVER ITS ENTIRE LENGTH INSIDE THE ROOM OR CABINET TO PREVENT FREEZING UP. "NON-DRIIP" TAPE OR EQUAL INSULATION SHALL BE PROVIDED OVER THE HEATER TAPE AND PIPING.
- HEATER TAPE SHALL REMAIN SWITCHED ON WHILE COOLING IS IN USE.



- KEY PLAN -

SYMBOL LEGEND

	ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE.
	INDICATED D/B BOARD.
	ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE.
	THERMOMETER
	CONDENSATE PIPING
	REFRIGERANT PIPING
	BLOWER COIL
	CONDENSING UNIT
	CABLE TRAY

FOR TENDER

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT	REG. NO.	DATE
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AMENDMENTS CODE

A.B.C. / : BEFORE TENDER	/A: BY CLIENT
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0.12... / : AFTER TENDER	/C: BY MECHANICAL OR ELECTRICAL
Z / : AS BUILT	/D: BY BVI
	/E: BY OTHER ()

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	East London	(043) 735 1444	el@bvi.co.za
Western Cape	Cape Town	(021) 927 7000	capetown@bvi.co.za

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CLIENT



PROJECT
**PARLIAMENTARY PRECINCT
KITCHEN REPLACEMENT OF
EQUIPMENT**

DRAWING TITLE

APPROVED BY BVI

ENGINEER/TECHNOLOGIST
SCALE: 1:100 @ A1

REG. NO. 200970062
DATE 08/06/2022

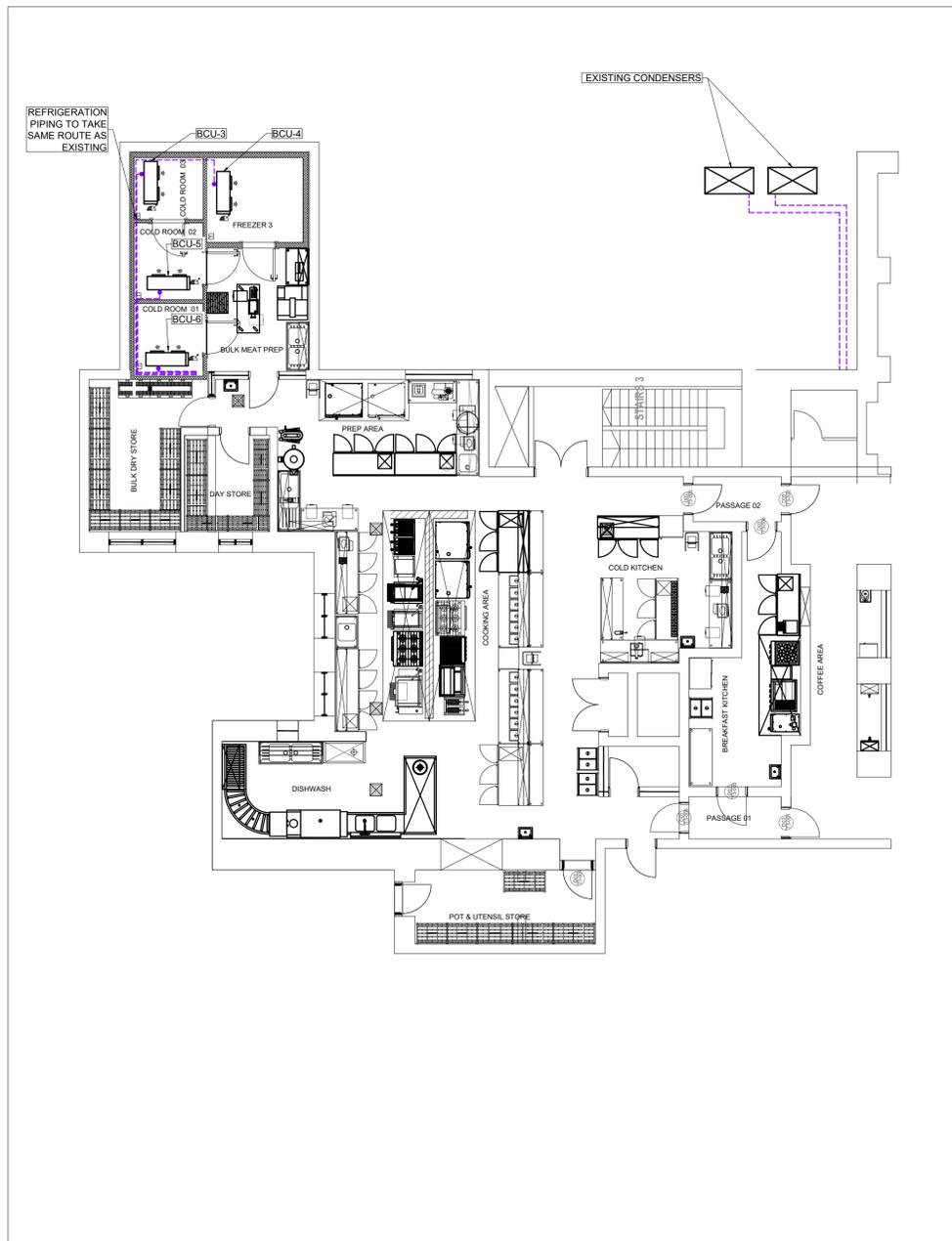
DESIGNED: N.MOLEEJANE
DRAWN: A.ANTOYISE

CHECKED: A.MALGAS
PLAN NUMBER: 33547.01-732-01

REVISION NO. T0
DATE SAVED: Friday, 10 June 2022

33547.01-732-01

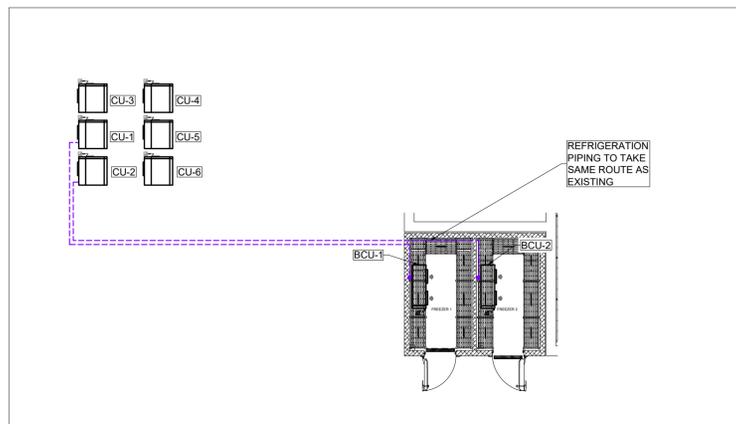
Friday, 10 June 2022



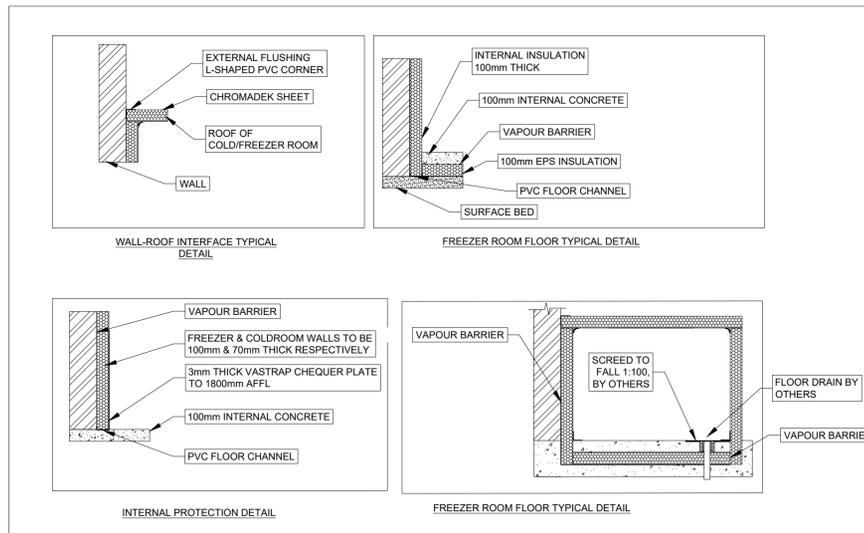
MARKS BUILDING - GROUND FLOOR
SCALE 1:100

COLDROOM SCHEDULE:-

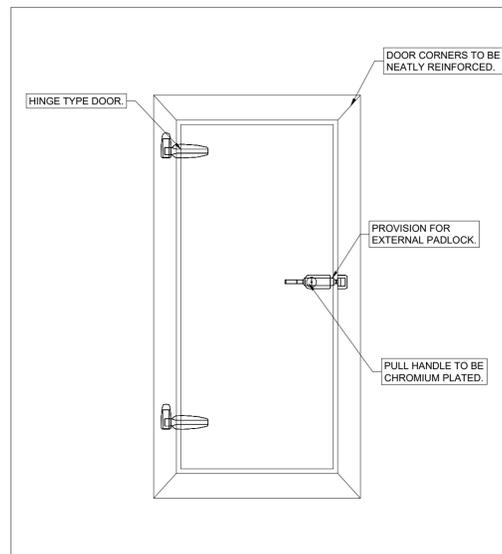
ROOM	COLD ROOM 1	COLD ROOM 2	COLD ROOM 3	FEEZER ROOM 1	FEEZER ROOM 2	FEEZER ROOM 3
ROOM SIZE	12	12	12	21	21	21
BLOWER COIL NO.	BCU-6	BCU-5	BCU-3	CU-1	CU-2	CU-4
POWER SUPPLY	0.6	0.6	0.6	1.2	1.2	1.2
V/Ph/Hz	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50
ROOM TEMPERATURE °C	0	0	0	-20	-20	-20
EVAP. TEMPERATURE °C	-5	-5	-5	-27	-27	-27
CAPACITY	1.2	1.2	1.2	2.3	2.3	2.3
CONDENSER NO.	CU-6	CU-5	CU-3	CU-1	CU-2	CU-4
CONDENSING TEMP. °C	45	45	45	45	45	45
POWER SUPPLY	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50	400/3/50



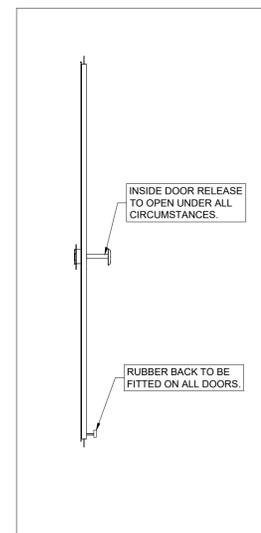
MARKS BUILDING - BASEMENT
SCALE 1:100



COLDROOM PANEL CONSTRUCTION DETAILS
SCALE: NTS



TYPICAL COLDROOM DOOR (FRONT VIEW)
SCALE: NTS



TYPICAL COLDROOM DOOR (SIDE VIEW)
SCALE: NTS

REFRIGERATION NOTES:

GENERAL NOTES:

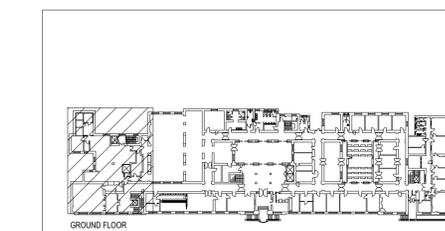
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- KEY PLAN -

SYMBOL LEGEND

	ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE, INDICATED D/B BOARD.
	ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE.
	THERMOMETER
	CONDENSATE PIPING
	REFRIGERANT PIPING
	BLOWER COIL
	CONDENSING UNIT
	CABLE TRAY

FOR TENDER

APPROVED BY COUNCIL / CLIENT

CITY ENGINEER / CLIENT REG. NO. DATE

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A, B, C, ...	BEFORE TENDER
T, ...	TENDER DRAWING
0, 1, 2, ...	AFTER TENDER
Z, ...	AS BUILT
/A, ...	BY CLIENT
/B, ...	BY ARCHITECT
/C, ...	BY MECHANICAL OR ELECTRICAL
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	Worcester	(053) 203 8888	worcester@bvi.co.za
Northern Cape	Upington	(054) 537 8800	nc@bvi.co.za
	Springsbok	(027) 710 8800	sc@bvi.co.za
KwaZulu Natal	Durban	(031) 286 8302	kn@bvi.co.za
	Empangeni	(035) 7748 1112	empangeni@bvi.co.za
Eastern Cape	Port Elizabeth	(041) 374 4541	ec@bvi.co.za
	East London	(043) 705 1444	el@bvi.co.za
Western Cape	Cape Town	(021) 527 7100	capetown@bvi.co.za



Registration no. 1989/00157/07 CLIENT



PROJECT
PARLIAMENT PRECINCT
KITCHEN REPLACEMENT
OF EQUIPMENT

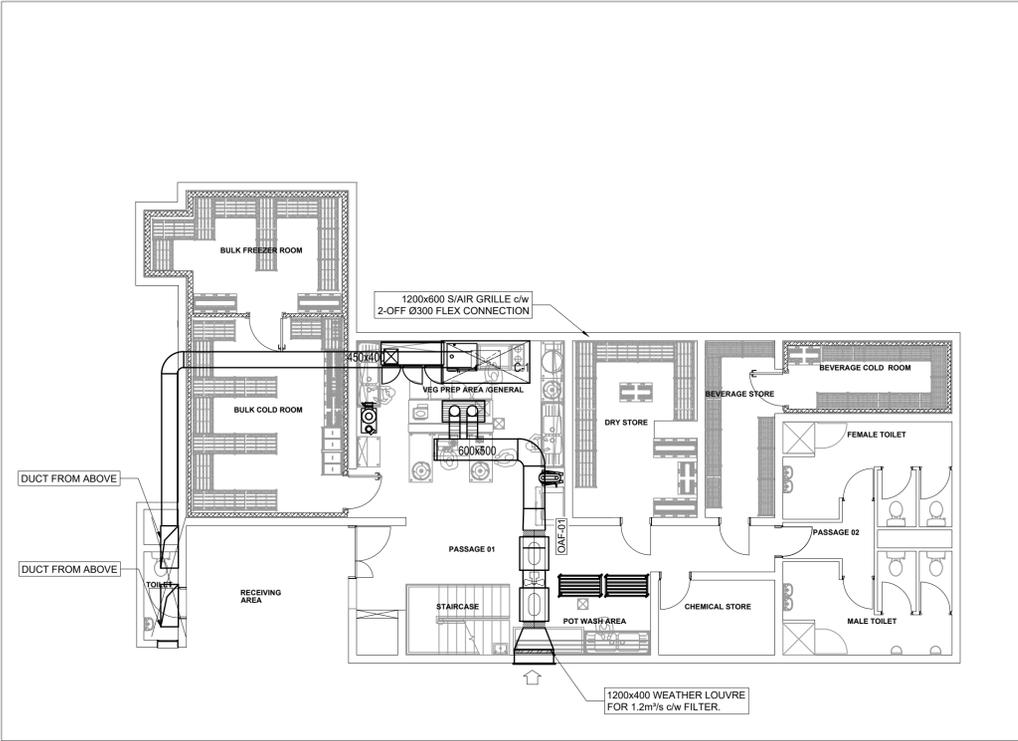
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MARKS BUILDING
GROUND FLOOR
KITCHEN REFRIGERATION LAYOUT

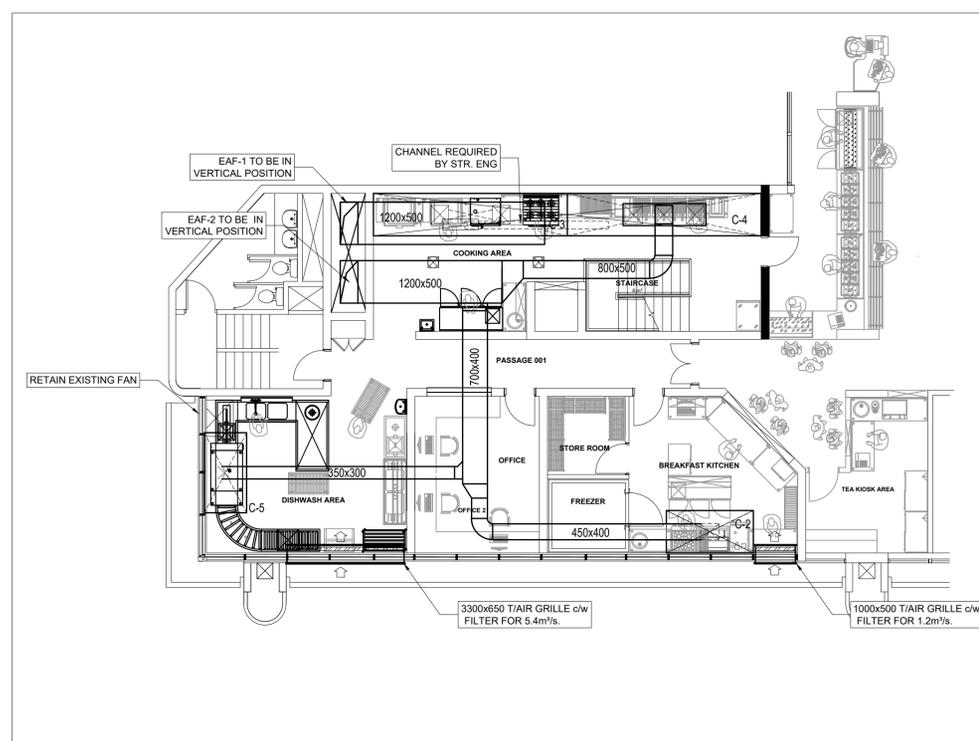
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SCALE	1:100 @ A1	DRAWN	A.NTOYISE
DESIGNED	N.MOLEEJANE	CHECKED	A.MALGAS
PLAN NUMBER	REVISION NO.	DATE SAVED	

33547.01-732-03 T0 Thursday, 09 June 2022



GROUND FLOOR
SCALE 1:100



FIRST FLOOR
SCALE 1:100

GENERAL NOTES:

- SHEET METAL DUCTING MUST BE GALVANISED MILD STEEL WITH MEZZ-FLANGES. ALL HVAC EQUIPMENT TO BE ADEQUATELY SUPPORTED AT REGULAR INTERVALS WITH SUITABLE THREADED ROD AND ANGLE BAR AS PER SABS 0193
- ALL DUCTWORK JOINTS MUST BE PROPERLY SEALED AND AIRTIGHT.
- ALL DOORS TO TOILETS WITH MECHANICAL VENTILATION TO BE UNDERCUT MINIMUM 20mm.
- THE HVAC CONTRACTOR TO WIRE BETWEEN THE HVAC EQUIPMENT AND HVAC DB OR ISOLATOR.
- ALL ARTIFICIAL VENTILATION SYSTEMS MUST NOT EMIT A NOISE LEVEL OF WHICH CAUSE THE AMBIENT NOISE LEVEL TO EXCEED 50DBA MEASURED AT THE BOUNDARY OF PROPERTY.
- ALL EQUIPMENT MUST BE MOUNTED ON ANTI-VIBRATION MOUNTINGS.
- AC UNITS FINAL POSITIONS TO BE INSTALLED TO ARCHITECT'S DIMENSIONS AS PART OF CO-ORDINATION.
- ACCESS HATCHES POSITIONS TO ARCHITECT'S CO-ORDINATED CEILING LAYOUT.
- FINAL DIFFUSER POSITIONS AS PER ARCHITECT'S CO-ORDINATED CEILING LAYOUT - COLOUR TO ARCHITECT'S SPECIFICATION.
- FINAL WEATHER LOUVRE POSITIONS AS PER ARCHITECT'S ELEVATION DRAWINGS COLOUR TO ARCHITECT'S SPECIFICATION.
- ALL FIRE DAMPERS MUST BE 350mm LONG ELECTROVENT OR EQUAL AND APPROVED.
- ALL WASHABLE FILTERS MUST BE INSTALLED WITH PLEATS IN THE VERTICAL.
- SOUND ATTENUATORS MUST HAVE 100mm OR 150mm AIRGAPS WITH LENGTHS AS INDICATED.

NOTES TO BUILDER:

- BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR HVAC EQUIPMENT AND MAKE GOOD AFTER INSTALLATION OF HVAC EQUIPMENT.
- FIRE STOPPING & SEALING OF ALL DUCT & PIPE ENTRIES TO ARCHITECT'S DETAIL.
- ALL WEATHER LOUVRE PENETRATIONS THROUGH WALLS MUST BE COMPLETE WITH 25mm TIMBER FRAME FOR THE SCREW FIXING OF WEATHER LOUVRES & GRILLES.
- DOOR GRILLES - 500x300 (UNLESS NOTED OTHERWISE) SUPPLIED BY AIR-CONDITIONING CONTRACTOR AND CUT AND FITTED - BY BUILDER.

NOTES TO ELECTRICAL CONTRACTOR:

- PROVIDE POWER SUPPLY TO ALL HVAC DB'S & ISOLATORS AS INDICATED ON DRAWING COMPLETE WITH CONDUITS, DRAW-WIRES & JUNCTION BOXES.
- ELECTRICAL POWER SUPPLIES & ISOLATORS TO BE PROVIDED WITHIN A METER OF HVAC EQUIPMENT.
- ISOLATORS TO FAN COIL UNITS AND FANS TO BE IN CEILING SPACE WITHIN A METER OF HVAC EQUIPMENT.

TO PLUMBING SUB-CONTRACTOR:

- PLUMBER TO PROVIDE TRAPS IN CEILING CONNECTED TO SEWER SYSTEM FOR CONDENSATE DRAINS - REFER TO DETAIL.
- CONDENSATE DRAINS FROM AC UNITS TO A TRAP IN CEILING BY AC CONTRACTOR
- CONDENSATE DRAIN PIPES TO FOLLOW THE SHORTEST POSSIBLE ROUTE AS DETERMINED ON SITE. ACCEPTABLE FALL 1:80 MIN AND SIZES TO BE AS SHOWN ON PLAN LAYOUT.

SYMBOL LEGEND

	ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE. INDICATED D/B BOARD.
	ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE.
	DOORS TO BE UNDERCUT BY 20mm
	MAINS WATER SUPPLY: WITH GATE VALVE-SIZE AS NOTED
	DRAIN: NB 100. CONNECTED INTO SEWER SYSTEM.
	FIRE DAMPER - MOTORISED SPRING RETURN
	UNINSULATED DUCTING
	INTERNALLY INSULATED DUCTING
	EXTERNALLY LAGGED DUCTING
	REMOTE ON/OFF SWITCH - 100 x100 WALL BOX WITH 25mm CONDUIT INTO CEILING VOID.
	BMS TEMPERATURE SENSOR
	THERMOSTAT (MASTER DIFFUSER)

FOR TENDER

APPROVED BY COUNCIL / CLIENT

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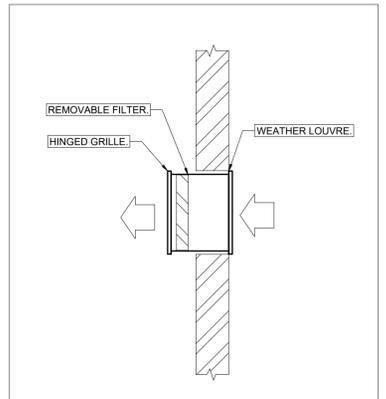
CANOPY SCHEDULE

CANOPY REFERENCE NUMBER	C-1	C-2	C-3	C-4	C-5
SERVING	GEN PREP AREA	KITCHEN	COOKING AREA	COOKING AREA	DISHWASHING AREA
QUANTITY	1	1	1	1	1
SIZE (LxBxH) mm	2500x1200x600	2500x1200x600	5500x1200x600	5500x1200x600	2850x1200x600
EXTRACT AIR VOLUME (m³/s)	1.5	1.5	3.3	3.3	0.795
HEIGHT ABOVE FINISHED FLOOR (mm)	2100	2100	2100	2100	2100
FIRE DAMPER (YES / NO)	NO	NO	NO	NO	NO
GREASE FILTERS (YES / NO)	YES	YES	YES	YES	NO
LIGHT (YES / NO)	YES	YES	YES	YES	YES
FIRE SUPPRESSION	NO	YES	YES	YES	NO

- NOTES:
- FIRE SUPPRESSION BOX LOCATION TO BE CONFIRMED WITH VENDOR
 - POWER TO CANOPY LIGHT BY OTHERS
 - WATER POINT TO CANOPY BY OTHERS
 - CANOPIES TO BE AMMS CAPTURE JET TYPE
 - CANOPY ON/OFF SWITCH BY OTHERS

VENTILATION FAN SCHEDULE

FAN REFERENCE NUMBER	EAF-1	EAF-2	OAF-1
AREA SERVED			
FAN TYPE	AXIAL	AXIAL	AXIAL
AIR VOLUME (m³/s)	4.80	4.80	1.2
SIZE (Ø mm)	800	800	630
STATIC PRESSURE (Pa)	350	350	250
MOTOR (kW)	3.30	3.30	0.800
SPEED - MAXIMUM (rpm)	1440	1440	1440
SOUND ATTENUATORS	MELINEX LINED 1.5D	MELINEX LINED 1.5D	MELINEX LINED 1.5D
POWER SUPPLY (V / Ph / Hz)	400 / 3 / 50	400 / 3 / 50	400 / 3 / 50



TYPICAL T/AIR GRILLE DETAIL
SCALE 1:20

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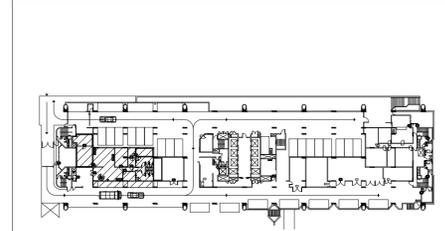
PROJECT
**PARLIAMENTARY PRECINCT
KITCHEN REPLACEMENT OF
EQUIPMENT**

DRAWING TITLE

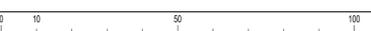
90 PLEIN STREET
GROUND AND FIRST FLOOR
KITCHEN VENTILATION LAYOUT

APPROVED BY BVI

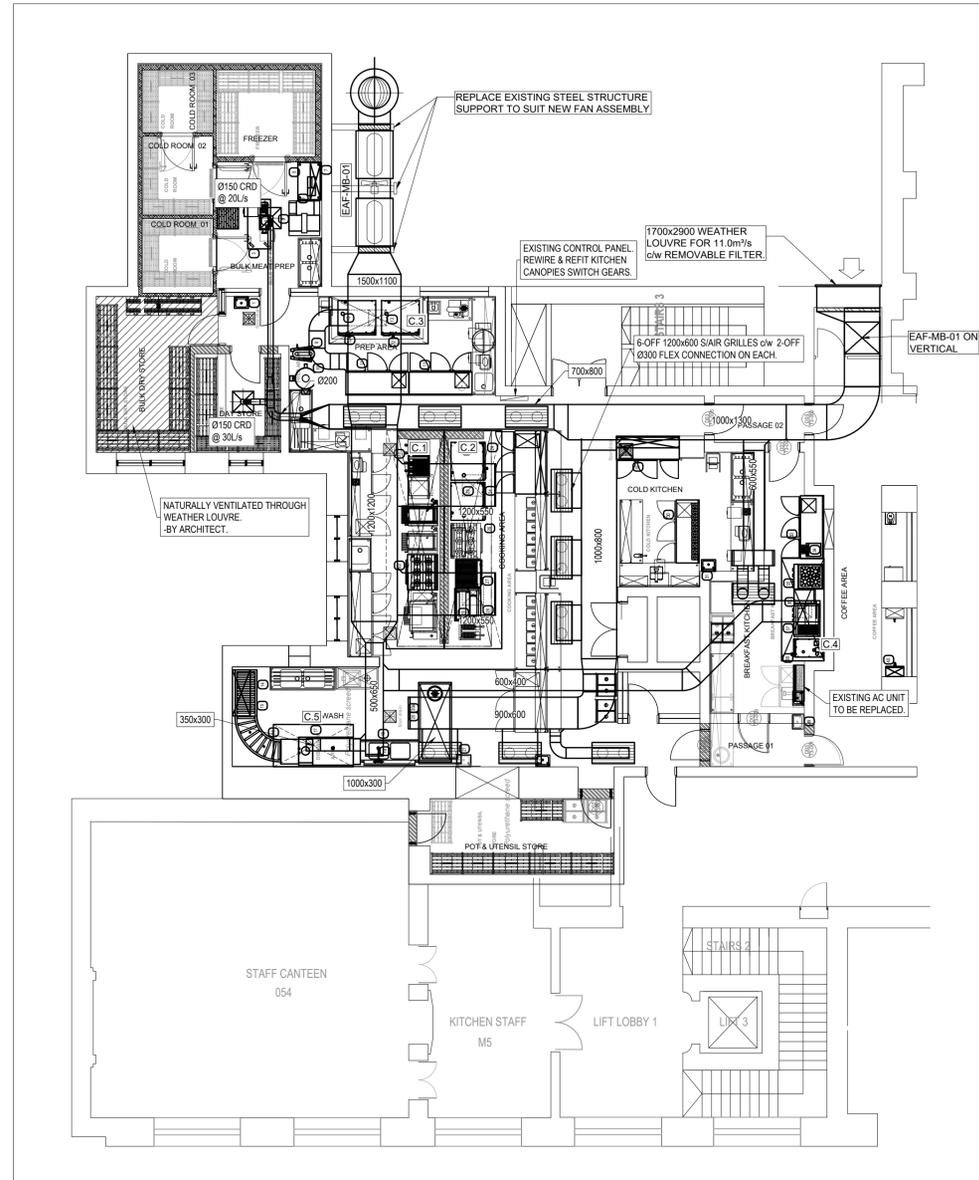
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DESIGNED NJW	CHECKED A.M	
PLAN NUMBER	REVISION NO.	DATE SAVED
33547.01-740-01	T0	Thursday, June 09



- KEY PLAN -



33547.01-740-01 REV TO (90 PLEIN STREET).DWG



MARKS BUILDING - GROUND FLOOR
SCALE 1:100

CANOPIES SCHEDULE

CANOPIES REFERENCE NUMBER	C-1 & C2	C-3	C-4	C-5
SERVING	COOKING AREA	PREP AREA	BREAKFAST	DISHWASHING AREA
QUANTITY	2	1	1	1
SIZE (LxBxH) mm	6200x1600x600	2800x1300x600	2900x1200x600	2650x1200x600
EXTRACT AIR VOLUME (m³/s)	4.960	1.274	1.740	0.795
HEIGHT ABOVE FINISHED FLOOR (mm)	2100	2100	2100	2100
FIRE DAMPER (YES / NO)	NO	YES	NO	NO
GREASE FILTERS (YES / NO)	YES	YES	YES	YES
LIGHT (YES / NO)	YES	YES	YES	YES
FIRE SUPPRESSION	YES	NO	YES	NO

- NOTES:
1. FIRE SUPPRESSION BOX LOCATION TO BE CONFIRMED WITH VENDOR
 2. POWER TO CANOPY LIGHT BY OTHERS
 3. WATER POINT TO CANOPY BY OTHERS
 4. CANOPIES TO BE CAPTURE, JET TYPE
 5. CANOPY ON/OFF SWITCH BY OTHERS

VENTILATION FAN SCHEDULE

FAN REFERENCE NUMBER	EAF-MB-01
AREA SERVED	MARKS BUILDING
FAN TYPE	AXIAL
AIR VOLUME (m³/s)	13.73
SIZE (Ø mm)	1250
STATIC PRESSURE (Pa)	320
MOTOR (kW)	8
SPEED - MAXIMUM (rpm)	1440
SOUND ATTENUATORS	MELINEX LINED 1.5D
POWER SUPPLY (V / Ph / Hz)	400 / 3 / 50

- NOTES:
1. FAN PRESSURES INDICATED ARE FOR TENDERING PURPOSES ONLY.
 2. THE CONTRACTOR SHALL DETERMINE FINAL PRESSURES, ONCE EQUIPMENT HAS BEEN SELECTED.

FAN REFERENCE NUMBER	OAF-MB-01
AREA SERVED	MARKS BUILDING
FAN TYPE	AXIAL
AIR VOLUME (m³/s)	10.98
SIZE (Ø mm)	900
STATIC PRESSURE (Pa)	320
MOTOR (kW)	12.0
SPEED - MAXIMUM (rpm)	1440
SOUND ATTENUATORS	MELINEX LINED 1.5D
POWER SUPPLY (V / Ph / Hz)	400 / 3 / 50

GENERAL NOTES:

1. SHEET METAL DUCTING MUST BE GALVANISED MILD STEEL, WITH MEZZ-FLANGES. ALL HVAC EQUIPMENT TO BE ADEQUATELY SUPPORTED AT REGULAR INTERVALS WITH SUITABLE THREADED ROD AND ANGLE BAR AS PER SABS 0193
2. ALL DUCTWORK JOINTS MUST BE PROPERLY SEALED AND AIRTIGHT.
3. ALL DOORS TO TOILETS WITH MECHANICAL VENTILATION TO BE UNDERCUT MINIMUM 20mm.
4. THE HVAC CONTRACTOR TO WIRE BETWEEN THE HVAC EQUIPMENT AND HVAC DB OR ISOLATOR.
5. ALL ARTIFICIAL VENTILATION SYSTEMS MUST NOT EMIT A NOISE LEVEL OF WHICH CAUSE THE AMBIENT NOISE LEVEL TO EXCEED 50DBA MEASURED AT THE BOUNDARY OF PROPERTY.
6. ALL EQUIPMENT MUST BE MOUNTED ON ANTI-VIBRATION MOUNTINGS.
7. AC UNITS FINAL POSITIONS TO BE INSTALLED TO ARCHITECT'S DIMENSIONS AS PART OF CO-ORDINATION.
8. ACCESS HATCHES POSITIONS TO ARCHITECT'S CO-ORDINATED CEILING LAYOUT.
9. FINAL DIFFUSER POSITIONS AS PER ARCHITECT'S CO-ORDINATED CEILING LAYOUT - COLOUR TO ARCHITECT'S SPECIFICATION.
10. FINAL WEATHER LOUVRE POSITIONS AS PER ARCHITECT'S ELEVATION DRAWINGS COLOUR TO ARCHITECT'S SPECIFICATION.
11. ALL FIRE DAMPERS MUST BE 350mm LONG ELECTROVENT OR EQUAL AND APPROVED.
12. ALL WASHABLE FILTERS MUST BE INSTALLED WITH PLEATS IN THE VERTICAL.
13. SOUND ATTENUATORS MUST HAVE 100mm OR 150mm AIRGAPS WITH LENGHTS AS INDICATED.

NOTES TO BUILDER:

1. BUILDER TO PROVIDE PENETRATIONS THROUGH CONCRETE SLABS & BRICK WALLS FOR HVAC EQUIPMENT AND MAKE GOOD AFTER INSTALLATION OF HVAC EQUIPMENT.
2. FIRE STOPPING & SEALING OF ALL DUCT & PIPE ENTRIES TO ARCHITECT'S DETAIL.
3. ALL WEATHER LOUVRE PENETRATIONS THROUGH WALLS MUST BE COMPLETE WITH 25mm TIMBER FRAME FOR THE SCREW FIXING OF WEATHER LOUVRES & GRILLES.
4. DOOR GRILLES - 500x300 (UNLESS NOTED OTHERWISE) SUPPLIED BY AIR-CONDITIONING CONTRACTOR AND CUT AND FITTED - BY BUILDER.

NOTES TO ELECTRICAL CONTRACTOR:

1. PROVIDE POWER SUPPLY TO ALL HVAC DB'S & ISOLATORS AS INDICATED ON DRAWING COMPLETE WITH CONDUITS, DRAW-WIRES & JUNCTION BOXES.
2. ELECTRICAL POWER SUPPLIES & ISOLATORS TO BE PROVIDED WITHIN A METER OF HVAC EQUIPMENT.
3. ISOLATORS TO FAN COIL UNITS AND FANS TO BE IN CEILING SPACE WITHIN A METER OF HVAC EQUIPMENT.

TO PLUMBING SUB-CONTRACTOR:

1. PLUMBER TO PROVIDE TRAPS IN CEILING CONNECTED TO SEWER SYSTEM FOR CONDENSATE DRAINS - REFER TO DETAIL.
2. CONDENSATE DRAINS FROM AC UNITS TO A TRAP IN CEILING BY AC CONTRACTOR
3. CONDENSATE DRAIN PIPES TO FOLLOW THE SHORTEST POSSIBLE ROUTE AS DETERMINED ON SITE. ACCEPTABLE FALL 1:80 MIN AND SIZES TO BE AS SHOWN ON PLAN LAYOUT.

KITCHEN EXTRACT CANOPIES

1. ALL INTERNAL CANOPY MATERIALS TO BE GRADE 304L SS.
2. ALL EXTERNAL SHEET METAL WORK & FASTENERS OF CANOPIES TO BE 316SS.
3. ALL DIMENSIONS TO BE CHECKED ON SITE. FABRICATION DRAWINGS TO BE SUBMITTED BY CONTRACTOR TO ENGINEER FOR APPROVAL, PRIOR TO INSTALLATION.
4. ALL PLATE TO BE 0.9mm THICK.
5. FILTERS TO BE RATED AS A FIRE TRAP.
6. ALL CANOPIES TO BE FITTED WITH FIRE DAMPERS AND EXTRACT DUCTING BENDS TO HAVE ACCESS PANELS FOR CLEANING, ALL DUCTING MUST BE SEALED AND TAPED.
7. EXTRACTION OVER FACE OF CANOPY TO BE 0.5 l/s.
8. CANOPY EXTRACT FAN ATTENUATORS AS SPECIFIED.

FANS

9. FANS AND ATTENUATORS TO BE SELECTED FOR NOISE LEVELS NOT GREATER THAN 45 dBA @ 3m FROM FAN.

SYMBOL LEGEND

	ISOLATOR AND ELECTRICAL SUPPLY: 380 VOLT/ 3-PHASE.
	INDICATED DB BOARD.
	ELECTRICAL POWER SUPPLY: 220V/SINGLE PHASE.
	DOORS TO BE UNDERCUT BY 20mm
	MAINS WATER SUPPLY: WITH GATE VALVE-SIZE AS NOTED
	DRAIN: NB 100, CONNECTED INTO SEWER SYSTEM.
	FIRE DAMPER - MOTORISED SPRING RETURN
	UNINSULATED DUCTING
	INTERNALLY INSULATED DUCTING
	EXTERNALLY LAGGED DUCTING
	REMOTE ON/OFF SWITCH - 100 x100 WALL BOX WITH 25mm CONDUIT INTO CEILING VOID.
	BMS TEMPERATURE SENSOR
	THERMOSTAT (MASTER DIFFUSER)

FOR TENDER

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PROJECT

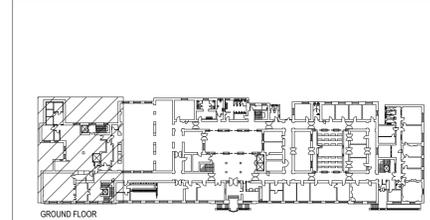
PARLIAMENT PRECINCT
KITCHEN REPLACEMENT
OF EQUIPMENT

DRAWING TITLE

MARKS BUILDING
GROUND FLOOR
KITCHEN VENTILATION LAYOUT

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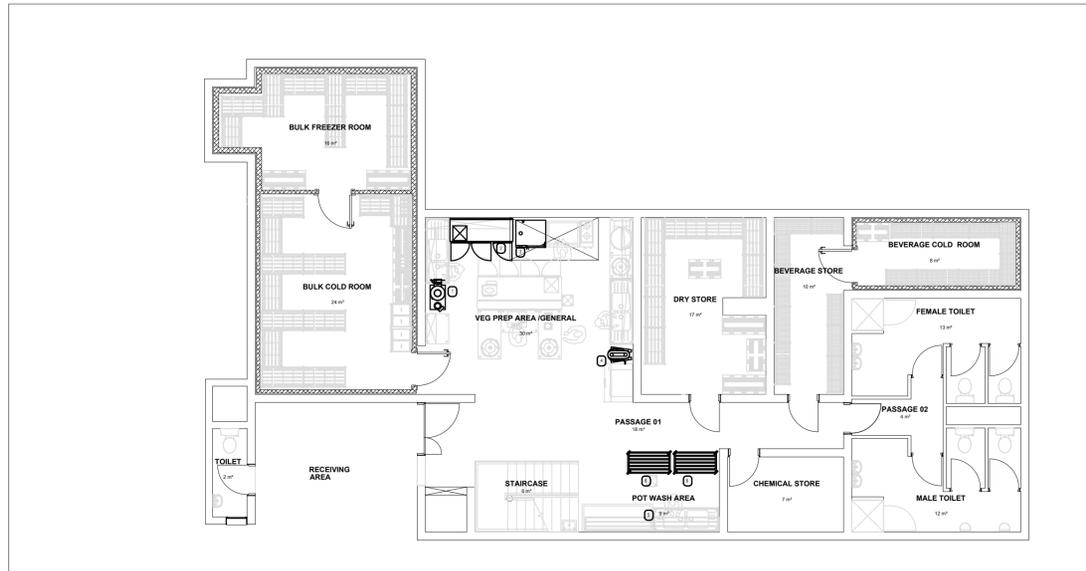
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DESIGNED	CHECKED	DATE SAVED
N.MOLEEJANE	A.MALGAS	
PLAN NUMBER	REVISION NO.	DATE SAVED
33547.01-740-03	T0	Thursday, June 09, 2022 3:46:44 PM



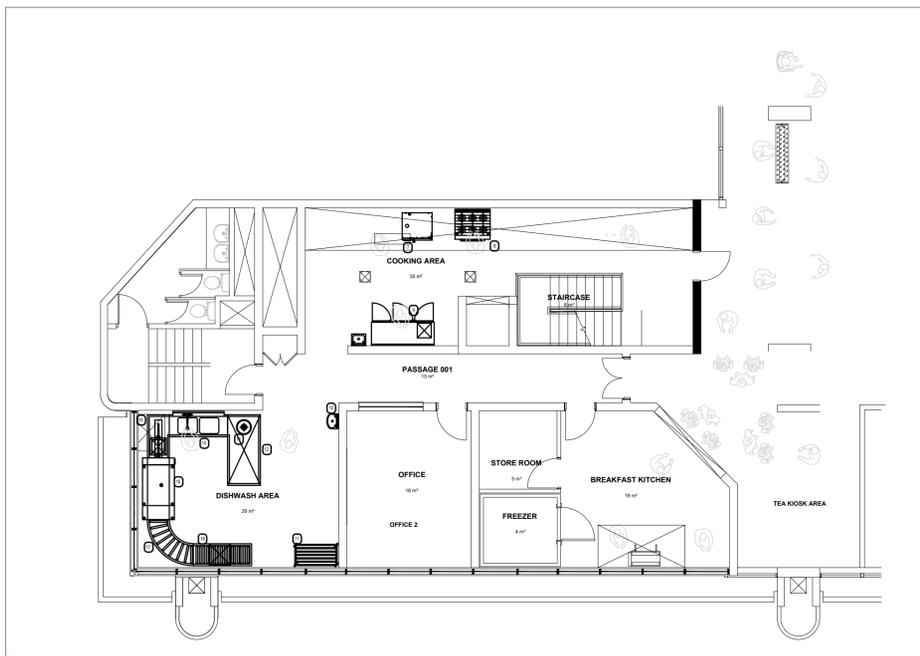
GROUND FLOOR

- KEY PLAN -

33547.01-740-03 REV T0(MARKS BUILDING).DWG



GROUND FLOOR
SCALE 1:100

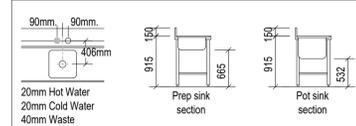


FIRST FLOOR
SCALE 1:100

EQUIPMENT SCHEDULE:

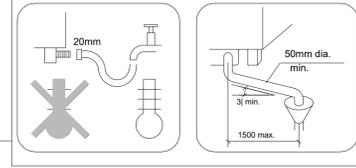
ITEM	QTY	DIMENSIONS	DESCRIPTION
PREP AREAS -			
1.	1		POTATO PEELER
2.	1	1780x650	2.5 DOOR U/BAR FRIDGE SBR
3.	1	847x771	CM101 10 PAN COMBI STEAMER ON STAND COMES WITH WATER FILTER
4.	1		20 LITRE PLANETARY MIXER
POT WASH -			
5.	1		S/S WASH HAND BASIN
6.	2	1200x600	MOBILE POT RACK
1st FLOOR COOKING -			
7.	1	847x771	CM101 861 10 PAN COMBI STEAMER STACKED WITH 6 PAN C/W WATER FILTER
8.	1	1000x850	R-G6 6 OPEN BURNER GAS RANGE WITH OVEN
9.	1	1780x650	2.5 DOOR U/BAR FRIDGE SBR
SCULLERY -			
10.	1	1200x600	S/S WASH HAND BASIN
11.	1	1200x600	MOBILE POT RACK
12.	1	2000x930	S/S WOUBLE DIRTIES ANGLED DUMP TABLE WITHR WASTE DISPOSAL CONE
13.	1		3HP WASTE DISPOSAL MACHINE
14.	1	1650x620	S/S PRE WASH SINK WITH OVERHEAD SPRAY UNIT
15.	1	1200x620	S/S ANGLED POWER LOADER
16.	1	1750x900	COMENDA AC2E RACK ADVANCING DISHWASHER
17.	1	1300x1300	90 DEGREE ROLLER OUTLET TABLE
18.	1	1650x620	S/S ROLLER OUTLET TABLE

TYPICAL VIEW OF SINK UNITS



COMBI STEAMER DETAILS

- * 12mm Cold water pressure hose with 20mm coupling.
- * Hose to be connected to stopcock.
- * In-line filter to be fitted.
- * 50mm Drain pipe (not hose pipe) to be straight (no bends) and positioned over centre of draining funnel.
- * Waste water temp. 65 deg C (approx.)
- * Water consumption at 3 Bar averages 0.7 l/min
- * First 1000mm of waste pipe to be copper



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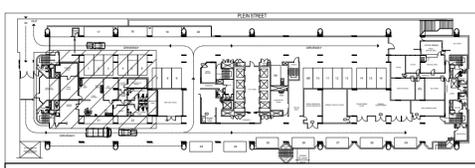
**PARLIAMENTARY PRECINCT
90 PLEIN STREET**

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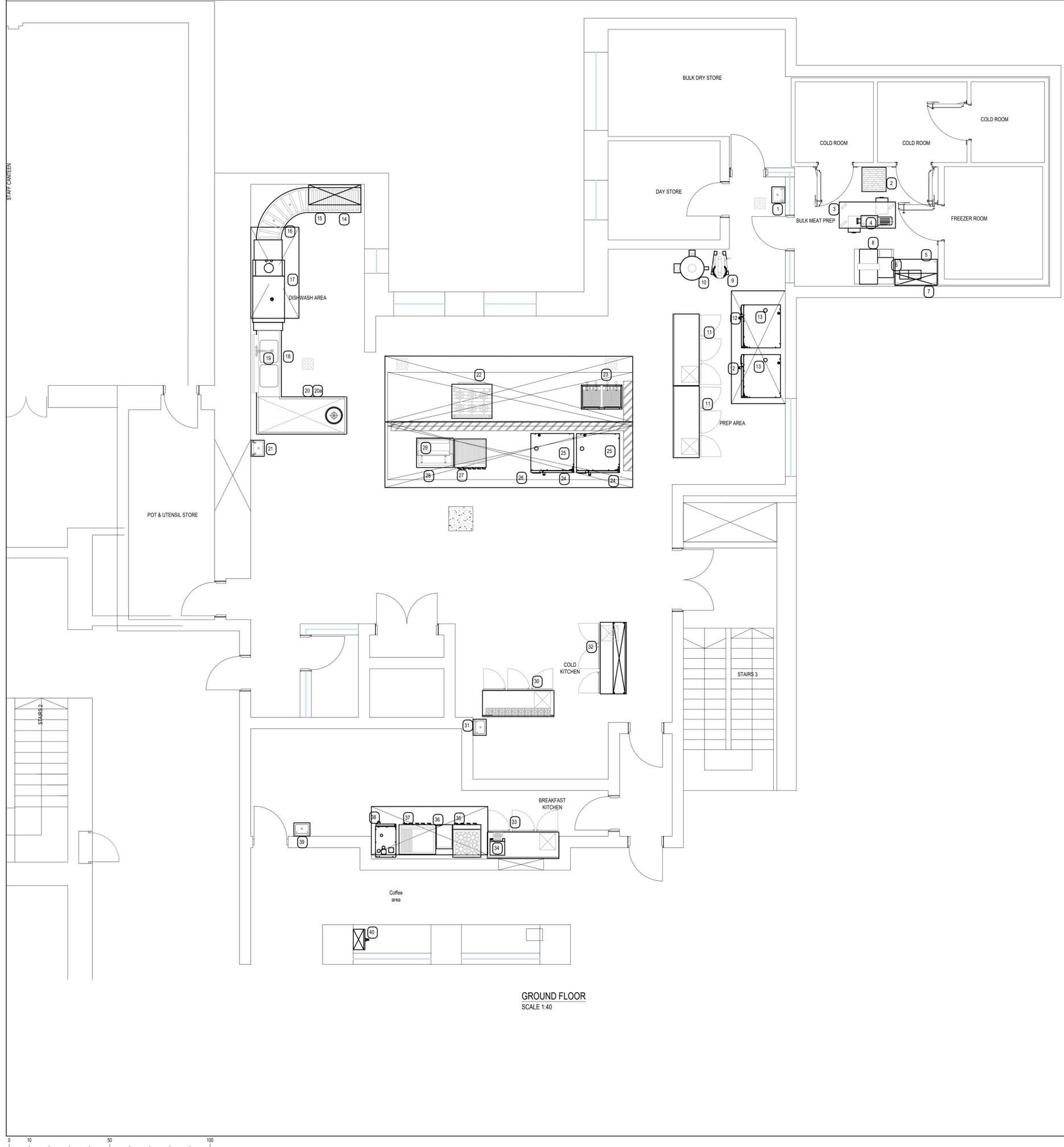
**GROUND AND FIRST FLOOR
KITCHENS EQUIPMENT UPGRADE**

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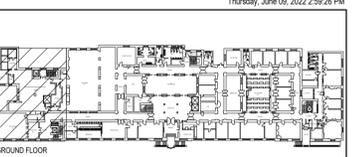
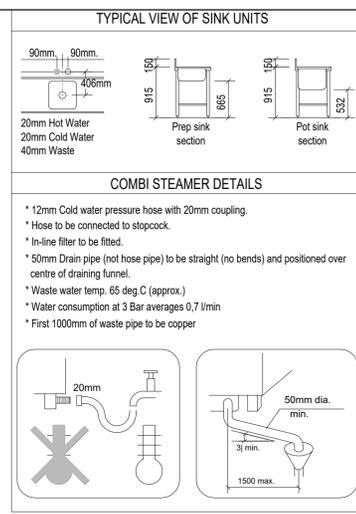
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DESIGNED	N MOLEEJANE	DRAWN W THOMPSON
		CHECKED MA MALGAS
PLAN NUMBER	REVISION NO.	DATE SAVED
33547.01-760-01	T0	3 June 2022



- KEY PLAN -



GROUND FLOOR
SCALE 1:40



- KEY PLAN -

* 12mm Cold water pressure hose with 20mm coupling.
 * Hose to be connected to stopcock.
 * In-line filter to be fitted.
 * 50mm Drain pipe (not hose pipe) to be straight (no bends) and positioned over centre of draining funnel.
 * Waste water temp. 65 deg C (approx.)
 * Water consumption at 3 Bar averages 0.7 l/min
 * First 100mm of waste pipe to be copper

FOR TENDER

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CITY ENGINEER / CLIENT REG. NO. DATE

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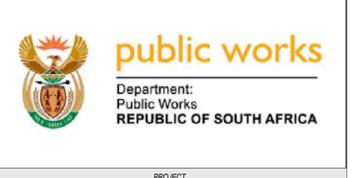
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CLIENT



PROJECT

**PARLIAMENTARY PRECINCT
MARKS KITCHEN**

DRAWING TITLE

**GROUND FLOOR
KITCHEN EQUIPMENT UPGRADE**

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ENGINEER/TECHNOLOGIST REG. NO. DATE

SCALE	1:50 @ A1	DRAWN	W THOMPSON
DESIGNED	N MOLEEJANE	CHECKED	MA MALGAS
PLAN NUMBER	REVISION NO.	DATE SAVED	

33547.01-760-01	T0	24 May 2022
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EQUIPMENT SCHEDULE:

ITEM	QTY	DIMENSIONS	DESCRIPTION
1.	1		S/S WASH HAND BASIN
BULK MEAT PREP -			
2.	1		BUTCHERS BLOCK
3.	1	1400x650	S/S MOBILE TABLE WITH GALV UNDERSHELF & 2 X CHEF DRAWERS
4.	1		NO.32 MINCER
5.	1	1050x650	S/S TABLE SBR WITH GALV UNDERSHELF
6.	1		SKYMSEN MEAT TENDERISER
7.	1	1050x300	S/S 2 TIER WALL SHELVING
8.	1		BAND SAW
9.	1		20 LITRE PLANETARY MIXER
10.	1		30 Kg POTATO PEELER
11.	2	1780x650	2.5 DOOR U/BAR FRIDGE SBR
12.	2	1069x971	CM102 20 PAN COMBI STEAMER COMES WITH WATER FILTER
13.	2	1069x971	CM62 12 PAN COMBI STEAMER COMES WITH WATER FILTER - STACKED WITH ITEM #12
14.	1	1300x620	S/S ROLLER OUTLET TABLE WITH BASKET RUNNERS UNDER
15.	1	1300x500	S/S SINGLE TIER WALL SHELVING
16.	1	1300x1300	S/S 90DEGREE ROLLER OUTLET TABLE
17.	1	2250x790	COMENDA AC2E-PS RACK ADVANCING DISHWASHER
18.	1	1650x620	S/S DOUBLE BOWL PRE WASH SINK
19.	1		OVERHEAD SPRAY UNIT
20.	1	2250x930	S/S DOUBLE DIRTIES ANGLED DUMP TABLE WITH SCRAPHOLE
20a.	1		3Hp WASTE DISPOSAL UNIT - C/W SILVER SAVER
21.	1		S/S WASH HAND BASIN
22.	1	1000x850	R-G6 6 OPEN BURNER GAS RANGE WITH OVEN
23.	1	1015x600	DPF 2/20 DOUBLE 20 LITRE DEEP FRYER
24.	2	1069x971	CM102 20 PAN COMBI STEAMER COMES WITH WATER FILTER
25.	2	1069x971	CM62 12 PAN COMBI STEAMER COMES WITH WATER FILTER - STACKED WITH ITEM #24
26.	1	1000x850	R-G6 6 OPEN BURNER GAS RANGE WITH OVEN C/W RANGE MOUNT STACKED WITH ITEM #24
27.	1	860x650	6 BURNER CHAR GRILL
28.	1	915x725	FTG-10 FLAT TOP GRILL
29.	1	895x420	SG-1 ELECTRIC SALAMANDER
30.	1	1780x650	2.5 DOOR PIZZA BACK U/BAR FRIDGE SBR
31.	1		S/S WASH HAND BASIN
32.	1	1780x650	2.5 DOOR U/BAR FRIDGE SBR & 3 TIER COLD PASS
33.	1	1780x650	2.5 DOOR U/BAR FRIDGE SBR
34.	1		CONVEYOR TOASTER
35.	1	700x815	4 BURNER BOILING TABLE
36.	1	400x600	VISION WORK STATION ON STAND
37.	1	915x735	FTG-10 GAS FLAT TOP GRILL 1/3 RIBBED
38.	1		RATIONAL SCC SLIMLINE COMPACT SELF COOKING CENTRE ON STAND - C/W WATER FILTER
39.	1		S/S WASH HAND BASIN
40.	1		25 LITRE ZIP HYDROBOIL

Part C3: Scope of Work

Scope of Work

PG-01.2 (EC) SCOPE OF WORKS – JBCC 2000 PRINCIPAL BUILDING AGREEMENT (Edition 6.2 of May 2018)

Project title:	CAPE TOWN: PARLIAMENTARY PRECINCT: UPGRADING AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS		
Tender / Quotation no:	CPT1006/22	Reference no:	WCS 054967

C3. Scope of Works

C3.1 EXTENT OF THE WORKS

Alterations and additions to 2 existing kitchens within the Parliamentary precinct, incl tiling, sanitary fittings etc, electrical installations, mechanical installation and the replacement of existing Kitchen Equipment and Cold/ Freezer Rooms. One Kitchen is for the supply and installation of Kitchen Equipment and Cold/ Freezer rooms only.

C3.2 ORDER OF THE WORKS

The works will be carried out in phases with Phase 1 being the Supply and Installation of Kitchen equipment, Cold/ Freezer rooms etc in the Old Assembly Kitchen, followed by the Alterations, Additions and Renovations to the Marks and 90 Plein Street Kitchens, including supply and installation of Kitchen Equipment, Cold/ Freezer Rooms etc.

C3.3 BUILDINGS OCCUPIED

The Parliamentary Precinct will be occupied throughout the contract, and.

C3.4 ACCESS

The contractor will have to adhere to restricted access areas and specific access points to site. These will be pointed out to the contractor.

Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, Government Gazette No. 42021 of 9 November 2018.

C3.5 STANDARD MINIMUM REQUIREMENTS

In terms of section 5(2) of the Construction Industry Development Board Act, 2000 (Act no. 38 of 2000) (the Act), the Construction Industry Development Board is empowered to establish and promote best practice standards, Standard Requirements and Guidelines which includes the following but not limited to:

C3.5.1 cidb Best Practice: Green Building Certification, No. 34158 Government Gazette, 1 April 2011

C3.5.2 cidb Standard for Developing Skills through Infrastructure Contracts, No. 36760 Government Gazette, 23 August 2013

C3.5.3 cidb Standard for Indirect Targeting for Enterprise Development through Construction Works Contracts, No 36190 Government Gazette, 25 February 2013

C3.5.4 Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017, No. 40553 Government Gazette, 20 January 2017

C3.5.5 cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017

- C3.5.6 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 41237 Government Gazette, 10 November 2017
- C3.5.7 cidb Standard for Minimum Requirements for Engaging Contractors and Sub-Contractors on Construction Works Contracts, No. 42021 Government Gazette, 9 November 2018
- C3.5.8 cidb Standard for Developing Skills through Infrastructure Contracts, No. 43495 Government Gazette, 3 July 2020

C3.6 CONTRACT PARTICIPATION GOALS AND CIDB BUILD PROGRAMME

The contractor shall achieve in the performance of the contract the following Contract Participation Goals (CPGs) as indicated below. Provision for pricing of compliance with the achieving the CPGs is made in the Contract Participation Goal Section of the Bills of Quantities and it is explicitly pointed out that all requirements in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained:

C3.6.1 Minimum Thirty Percent (30%) Mandatory Sub-contracting Contract Participation Goal

MINIMUM THIRTY PERCENT (30%) MANDATORY SUBCONTRACTING TO SMMEs: IMPLEMENTATION OF PREFERENTIAL PROCUREMENT REGULATIONS 2017

30% Mandatory subcontracting is *Not Applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprises (SMME's) in executing this contract, irrespective whether the thirty percent (30%) Participation Goal is applicable or not.

The thirty percent (30%) mandatory Sub-contracting shall be achieved in the execution of the contract in accordance with the Preferential Procurement Policy Framework Act, 2000: Preferential Procurement Regulations, 2017 as published in the Government Gazette Notice No. 40553 of 20 January 2017.

- (a) SMME's involvement of at least five percent (5%) of the tender amount at the time of tender to be sourced from within 50km radius of the project site with the intention to maximize use of local SMMEs within City of Cape Town Municipal District, Western Cape.
- (b) SMME's involvement of at least twenty five percent (25%) of the Tender Value to be sourced from within 250km radius of the project site.

Bidders are cautioned not to under-price items earmarked to be executed by SMMEs as adjustment to too low rates will not be entertained by the Employer.

Bidders to sub-contract a minimum of thirty percent (30%) of the tender amount including VAT at the time of tender (All inclusive, Including VAT). to any one or more of the following categories:

- a. An EME or QSE
- b. An EME or QSE which is at least 51% owned by black people
- c. An EME or QSE which is at least 51% owned by black people who are youth
- d. An EME or QSE which is at least 51% owned by black people who are women
- e. An EME or QSE which is at least 51% owned by black people with disabilities
- f. An EME or QSE which is at least 51% owned by black people living in rural or underdeveloped areas or townships
- g. A co-operative which is at least 51% owned by black people
- h. An EME or QSE which is at least 51% owned by black people who are Military veterans
- i. More than one of the categories referred to in paragraphs (a) to (h).

Bidders to refer to the CSD for a list of prospective sub-contractors provided with the tender. The bidder may refer to the CSD website should the list provided be insufficient.

Bidders must ensure that the sub-contractors conform to the following:

- a. Possess relevant accreditation where applicable;
- b. Be registered with relevant bodies (CIDB, various Councils, etc.) where applicable;
- c. Possess necessary capabilities to deliver the sub-contracted work;
- d. Meet the requirements in terms of the stipulated designated groups; and
- e. Geographical located at the place where the project will be delivered. Geographical location must be determined using the following criteria:
 - Relevant Ward. If not available;
 - Relevant neighbouring Wards. If not available;
 - Relevant Local Municipality. If not available;
 - Relevant District Municipality. If not available;
 - Relevant Metro. If not available;
 - Relevant Province. If not available;
 - Relevant Neighbouring Province. And If not available;
 - Anywhere within the borders of South Africa .

It is the bidder's responsibility to source alternative SMMEs should the parties with whom agreements were entered into at the time of tendering either no longer exist or do not perform or render work of an acceptable standard, subject to the approval by the Employer. Failure to achieve the minimum thirty percent (30%) SMME participation based on the tender amount including VAT, will result in a two percent (2%) penalty on the amount of work on which there is no compliance (Excluding VAT), unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.2 Minimum Targeted Local Material Manufacturer Contract Participation Goal

The Minimum Targeted Local Building Material Manufacturers CPG is *Not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Manufacturers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal, in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020.

A Targeted Local Material Manufacturer is a targeted enterprise that operates or maintains a factory or establishment that produces on its premises materials or goods required by the principal contractor for the performance of the contract.

Note: Adapted from SANS 10845-7:2015, definition 2.13

Preference shall be given to the Targeted Local Material Manufacturer in **"South Africa"**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,

- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **two percent (2%)** of the total value of materials purchased including VAT to be sourced from within 50km radius of the project site,
- (e) Material of at least **eight percent (8%)** of the total value of materials purchased including VAT to be sourced from within **250km** radius of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.3 Minimum Targeted Local Building Material Suppliers Contract Participation Goal

The Minimum Targeted Local Building Material Suppliers CPG is *not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local Small, Micro and Medium Enterprise Local Material Suppliers (SMME's) in executing this contract, irrespective whether a minimum percentage Participation Goals is applicable or not.

The Minimum Targeted Local Manufacturers of Material Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

A targeted supplier is a targeted enterprise that

- a) owns, operates or maintains a store, warehouse or other establishment in which goods are bought, kept in stock and regularly sold to wholesalers, retailers or the public in the usual course of business; and
- b) engages, as its principal business and in its own name, in the purchase and sale of goods.

Note: Adapted from SANS 10845-7:2015, definition 2.14

Preference shall be given to the local material suppliers in the **"South Africa"**, and provided that:

- (a) Such materials comply in all respects with the specific requirements of PW371 and SANS specifications,
- (b) The non-availability of such materials shall not adversely affect the desired progress of the specific works,
- (c) The use of such suppliers shall not constitute grounds for any claim for increased cost in respect thereof,
- (d) Materials of at least **2%** of the total value of materials purchased including VAT to be sourced from within **50km** of the project site,
- (e) Material of at least **8%** of the total value of materials purchased including VAT to be sourced from within **250km** of the project site.

Failure to achieve the minimum **ten percent (10%)** Targeted Local Material Manufacturer participation expressed as a percentage of the original tender amount, excluding allowances and VAT, will result in a **two percent (2%)** penalty of the prorated targeted value of materials not complied with, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Example: Total material to be purchased from local manufacturers = R 10 Million and only achieved a R8 Million CPG then the penalty = R2 Million x 2%. The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.4 Minimum Targeted Local Labour Skills Development Contract Participation Goal

The Minimum Targeted Local Labour Skills Development CPG is *Not applicable* to this project.

It is the requirement of the employer that the contractor enhances the use of local labour in executing this contract. This is required to be done through the use of both traditional building techniques and labour-intensive construction techniques careful and considered construction planning and implemented in the project irrespective whether a minimum percentage Participation Goal is applicable or not.

The Minimum Targeted Local Skills Development Contract Participation Goal shall be achieved in accordance with the cidb Standard for Contract Participation Goals for Targeting Enterprises and Labour through Construction Works Contracts as published in the Government Gazette Notice No. 41237 of 10 November 2017, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract..

Targeted labour: individuals who:

- a) are employed by the principal contractor, sub-contractor or targeted enterprises in the performance of the contract;
- b) are defined as the target group in the targeting data; and
- c) permanently reside in the target area or who are recognized as being residents of the target area on the basis of identification and association with and recognition by the residents of the target area.

Adapted from SANS 10845-7:2015, definition 2.12

Targeting of labour by skills categories is only permissible within categories of semi-skilled and unskilled labour.

Contract participation goals for semi-skilled and unskilled labour shall be limited to on-the-job training to targeted labour to enable such labour to master the basic work techniques required to undertake the work in accordance with the requirements of the contract and in a manner that does not compromise worker health and safety. In the case of targeted labour, the certification of records shall be in accordance with SANS 10845-8.

Beneficiaries will be sourced from the "Insert Ward/s, Municipal District, Town, City, Province". The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in a thirty percent (30%) penalty of the total labour cost based on labour rates per day of the number of working days not achieved, excluding VAT, for noncompliance, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

C3.6.5 CIDB BUILD PROGRAMME: Minimum Targeted Enterprise Development Contract Participation Goal

The Minimum Targeted Enterprise Development CPG is *Not applicable* to this project.

The aim of this best practice standard for indirect targeting for enterprise development in accordance with the Standard for Indirect Targeting for Enterprise Development (published in Government Gazette 36190 of 25 February 2013), as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract. is to promote enterprise development by providing for a minimum contract participation goal (CPG) of five percent (5%) of the contract amount as defined in the Standard (Tender amount, excluding allowances and VAT on selected contracts to be undertaken by joint-venture partners or to be sub-contracted to developing contractors that are also to be beneficiaries of enterprise development support from the main contractor.

The bidder shall submit monthly reports in terms of monthly achievement and accumulative targets achieved including audited supporting documentation to the Employer's Representative.

The contractor shall attain or exceed the enterprise development goal in the performance of the contract. Failing to achieve the Participation Goal will result in A) a thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The lead partner or main contractor shall dedicate a minimum five percent (5%) of total project value to provide developmental support to targeted subcontractor or joint venture partner applicable to contracts in Grades 7 to 9, General Building and Civil Engineering contracts. Preference will be given to ***(Insert type of enterprises. eg General Building, Electrical, Mechanical, Plumbing, etc. It could be either just one or any combination of all) Enterprises.***

Provision for pricing of compliance with the aforementioned is made in the preliminaries and it is explicitly pointed out that all requirement in respect of the aforementioned are deemed to be priced thereunder and no additional claims in this regard shall be entertained.

C3.6.5.1 Criteria

The main or lead partner of the successful bidder shall:

- (a) There must be a needs analysis for indirect targeting and development or skill standard and should be development in at least any two developmental areas namely;
 - Administrative and cost control systems
 - construction management systems and plans
 - planning, tendering and programming
 - business; technical; procurement skills
 - legal compliance
 - credit rating/history; financial loan capacity/history
 - contractual knowledge
- (b) The above needs analysis shall be mutually agreed upon between contractor and targeted enterprise
- (c) The contractor shall appoint an enterprise development coordinator to:
 - perform needs analysis on the targeted enterprise to identify developmental goals
 - develop a project specific enterprise development plan to improve the targeted enterprise/s performance in the identified developmental areas
 - provide internal mentorship support to improve the targeted enterprise/s performance

- monitor and submit to the employer’s representative a monthly enterprise development report thereby reporting on the progress of the agreed development areas with the targeted enterprise/s
- submit a project completion report to the Employer’s representative for each targeted enterprise.

C3.6.5.2 Management

The contractor shall provide a competent person/s to provide internal mentorship to the Targeted Enterprise/s in the two agreed developmental areas.

C3.6.5.3 Competence Criteria for an Enterprise Development Co-ordinator

The enterprise development co-ordinator shall have the following competencies:

- Minimum experience of 5 years in the construction industry at Managerial level as a Site Agent, Contracts Manager, Site Manager, Construction Manager, Business Development Manager or Enterprise Development Manager.
- Minimum experience of 2 years in training and development in Building or Construction; and
- National Diploma or B Degree in the Built Environment or Business Management

C3.6.5.4 Format of Communications

The contractor shall submit to the Employer’s Representative:

- *Project interim reports* in the specified format (**ED105P**) detailing interim values of the CPG that was achieved together with an assessment of the enterprise development support provided should be tabled and discussed at least monthly at progress meetings between employer’s representative and the contractor;
- *Project completion report* in the specified format (**ED101P**) to the Employer’s Representative for acceptance within 15 days of achieving practical completion. The report shall include the value of the CPG that was certified in accordance with the contract, cidb registration numbers of each and every targeted enterprise, and the value of the subcontracted works or of the joint venture entered into; and the participation parameter
- *Enterprise development declaration (ED104P)*.

C3.6.5.5 The Key Personal

The contractor shall appoint an Enterprise Development Co-ordinator and a competent person/s to provide internal mentorship.

C3.6.5.6 Management Meetings

The contractor shall report to the Employer’s Representative on the implementation and progress of the targeted enterprise development and CPG at monthly progress site meetings.

C3.6.5.7 Forms for contract administration

The contractor shall submit to the Employer’s Representative the following proformas:

- Form ED 105P Project Interim Report
- Form ED 104P Enterprise Development Declaration
- Form ED 101P Project Completion Report

C3.6.5.8 Records

The contractor shall:

- keep records of the targeted enterprise development
- keep records of the payments made to the targeted enterprises in relation to the CPG.
- ensure all the documentation required in terms of the Standard is provided with each monthly progress payment certificate and according to a prescribed format where applicable.

C3.6.5.9 Payment Certificates

The contractor shall:

- achieve the measurable CPG and providing enterprise development support to the targeted enterprise/s as per the Standard.
- submit payment certificates to the Employer Representative at intervals determined in the Contract.

C3.6.5.10 Compliance requirements

Non-compliance with the Best Practice Project Assessment Scheme

The wording of regulation 27A of the cidb regulations makes provision for the Board to enforce the cidb code of conduct in the event of clients being found to be in breach of the best practice project assessment scheme.

- Not including the requirements of the cidb standards in the conditions of tender
- Not registering the award of contract on the cidb Register of Projects (RoP)
- Not reporting practical completion on the cidb Register of Projects (RoP)

3.6.6 **CIDB BUILD PROGRAMME: Minimum Targeted Contract Skills Development Goal (CSDG)**

The Minimum Targeted Contract Skills Development CPG is *Not Applicable* to this project.

The contractor shall achieve or exceed in the performance of the contract the Contract Skills Development Goal (CSDG) established in the Standard for Developing Skills through Infrastructure Contracts (published in Government Gazette No 43495 of 3 July 2020, as amended in cidb Best Practice Project Assessment Scheme Notice No. 43726 of 18 September 2020 – Condition of Contract.

Failing to achieve the targeted Contract Skills Development Goal will result in A) a thirty percent (30%) penalty of the value of the portion not achieved, excluding VAT, and B) the issuing of completion certificates only after the completion certificate of achieving the skills development goal, counter-signed by the relevant individuals has been submitted, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

C3.6.6.1 Methodology

The contractor shall achieve the measurable contract skills development goal by providing opportunities to learners requiring structured workplace learning using one or a combination of any of the following in relation to work directly related to the contract or order:

Method 1: structured workplace learning opportunities for learners towards the attainment of a part or a full occupational qualification;

Method 2: structured workplace learning opportunities for apprentices or other artisan learners towards the attainment of a trade qualification leading to a listed trade (GG No. 35625, 31 August 2012) subject to at least sixty percent (60%) of the artisan learners being holders of public TVET college qualifications;

Method 3: work integrated learning opportunities for University of Technology or Comprehensive University students completing their national diplomas;

Method 4: structured workplace learning opportunities for candidates towards registration in a professional category by a statutory council listed in Table 1 above.

The contract skills participation goals, expressed in Rand, shall not be less than the contract amount multiplied by a percentage (%) factor given in Table 2 in the Standard for the applicable class of construction works.

Table 2: Contracting skills development goals for different classes of engineering and construction works contracts

Class of construction works as identified in terms of Regulation 25 (3) of the Construction Industry Regulations 2004		Construction skills development goal (CSDG) (%)
Designation	Description	
CE	Civil Engineering	0.25
CE and GB	Civil engineering and General Building	0.375
EE	Electrical Engineering works (buildings)	0.25
EP	Electrical Engineering works (infrastructure)	0.25
GB	General Building	0.5
ME	Mechanical Engineering works	0.25
SB	Specialist	0.25

The contractor shall apportion the learners in the different construction activities based on the scope of work. The cost of accommodating learners will be determined by using Table 3 in the Standard and this cost will be used to determine the value in Rand and will be added to the provision for training as provided for in the Preliminary and General section in the Bill of Quantities/Pricing schedules/Activity schedule.

Table 3: Notional Cost of Training per Headcount

Source: cidb Standard for Skills Development

Type of Training Opportunity	Provision for stipends (Unemployed learners only)	Provisions for mentorship	Provisions for additional costs*	Total costs	
				Unemployed learners	Employed learners
Method 1					
Occupational qualification	R7 000	R0	R9 000	R16 000	R9 000
Method 2					
TVET College graduates	R14 000	R0	R9 000	R23 000	N/A
Apprenticeship	R14 000	R0	R12 000	R26 000	R12 000
Method 3					
P1 and P2 learners	R24 000	R20 000	R4 500	R48 500	N/A
Method 4					
Candidates with a 3 year diploma	R37 000	R20 000	R4 500	R61 500	R20 000
Candidates with 4 year qualification	R47 000	R20 000	R4 500	R71 500	R20 000

Note: the required CPG will be recalculated based on the awarded tender amount and "Contract amount" once the beneficiaries have been appointed and actual costs are known. The notional cost of providing training opportunities will increase by CPI on an annual basis based on April CPI. Should the rates increase after bid award or during construction the rates will be adjusted as a remeasuarble item.

- (a) The successful contractor may employ part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), (A1 - List of cidb accredited SDAs).
- (b) The successful contractor must employ at least sixty percent (60%) of the learners from an FET / TVET college should the contractor select to have part/full occupational qualification learners and trade qualification learners contributing to the CSDG.
- (c) The successful contractor shall employ at least (insert percentage number) from eligible part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) in the employment of the employer.
- (d) The successful contractor shall ensure that no single method shall contribute more than seventy five percent (75%) of the CSDG for the contract.
- (e) The successful contractor may only place thirty three percent (33%) employed employees or that of his subcontractors contributing to the CSDG.
- (f) The contractor shall employ at least sixty percent (60%) of the learners from a Public FET / TVET college should the contractor select to have trade qualification learners (Method 2) contributing to the CSDG.
- (g) One of the objectives of the project is to train (Insert number) Occupational qualifications, trade qualification, work integrated learners – P1 and P2 learners, professional candidates (Delete that which is not applicable).

C3.6.6.2 Management

- (a) The successful contractor must keep site records regarding the part/full occupational qualification learners', trade qualification learners', work integrated learners' or candidates' (delete that which is not applicable) progress, site attendance, hours worked and other relevant information as required by the Standard.
- (b) The successful contractor shall provide the required number of appropriately qualified mentors to the maximum number of part/full occupational qualification learners, trade qualification learners, work integrated learners in the proportion as specified in the Standard.

- (c) The successful contractor shall provide a supervisor to manage the training of the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable).
- (d) The successful contractor shall submit to the employer's representative a baseline training plan in the specified format (Pro-forma A2) for the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates (delete that which is not applicable) within 30 days of start of the contract.
- (e) The successful contractor shall submit to the employer's representative project interim report in the specified format (Pro-forma A3) on the progress of each of part/full occupational qualification learner, trade qualification learner, work integrated learner, candidate (delete that which is not applicable) every three months.
- (f) The successful contractor shall submit to the employer's representative the names and particulars in the specified format (Pro-forma A4) of the supervisor, mentors for the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) within 30 days of start of the contract.
- (g) The successful contractor shall keep a daily record of all the part/full occupational qualification learners, trade qualification learners, work integrated learners, candidates on site and their daily activities and shall be made available to the employer's representative on request.
- (h) The successful contractor shall submit to the employer's representative the reports on the progress and status of the part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) with the monthly invoice for the payment certificate.
- (i) The successful contractor shall have health and safety inductions for all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).
- (j) The successful contractor shall conduct entry and exit medical tests of all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable).
- (k) The successful contractor shall provide personal protective equipment (PPE) to all part/full occupational qualification learners, trade qualification learners, work integrated learners or candidates (delete that which is not applicable) at the start of their employment on site.
- (l) Based on the agreed skills methods the contractor may employ part/full Occupational Qualification Learners and /or Trade Qualification Learners and/or Work Integrated Learners and/or Candidates (delete that which is not applicable) directly or through a Skills Development Agency (SDA), training provider or skills development facilitator (Form A1 - List of cidb accredited SDAs). The contractor shall ensure that no more than one Method shall be applied to any individual concurrently in the calculation of the CSDG for the contract.

C3.6.7 NATIONAL YOUTH SERVICE TRAINING AND DEVELOPMENT PROGRAMME (NYS)

The National Youth Service Training and Development Programme is *Not Applicable* to this project.

The programme shall be implemented in terms of the Implementation of the National Youth Service Programme under the Expanded Public Works (EPWP) and shall be priced in the CPG section of the Bills of Quantities. Monthly reports are to be submitted to the Employer's Representative.

Failure by the contractors to achieve the specified number to be trained in the NYS section of the CPG section within the Bills of quantities will result in a Payment reduction as per bill of quantities per person, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

C3.6.8 LABOUR-INTENSIVE WORKS

Labour Intensive Works is *Not Applicable* to this project.

Where labour intensive work is specified in the Bill of Qualities and indicated by "LI" the contractor must price for and include in rates. Contractors are expected to use their initiative to identify additional activities that can be done labour-intensively to comply with the set minimum labour intensity target. Allowance must be made for submitting monthly reports illustrating the value of the works executed under Labour Intensive Works.

Failure by the contractor to achieve the specified value of the Labour Intensive Participation Goal as stipulated within the Bills of quantities will result in a thirty percent (30%) penalty of the value of the works not done by means of labour intensive methods, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.

Employer's objectives:

The employer's objectives are to deliver public infrastructure using labour-intensive methods in accordance with EPWP Guidelines.

Labour-intensive works:

Labour-intensive works shall be constructed/maintained using local workers who are temporarily employed in terms of the scope of work.

Labour-intensive competencies of supervisory and management staff:

Contractors shall only engage supervisory and management staff in labour-intensive works that have completed the skills programme including Foremen/ Supervisors at NQF level 4 "National Certificate: Supervision of Civil Engineering Construction Processes" and Site Agent/ Manager at NQF level 5 "Manage Labour-Intensive Construction Processes" or equivalent QCTO qualifications (See Appendix C) at NQF outlined in Table 1

C3.6.8.1 GENERIC LABOUR-INTENSIVE SPECIFICATION

Contractors are referred to the Guidelines for the Implementation of Labour-intensive Infrastructure Projects under the Expanded Public Works Programme (EPWP) for the generic labour-intensive specification applicable to the contract.

This specification establishes general requirements for activities which are to be executed by hand involving the following:

- trenches having a depth of less than 1.5 metres
- stormwater drainage
- roads
- sidewalks and non-motorised transport infrastructure
- water and sanitation

Precedence

Where this specification is in conflict with any other standard or specification referred to in the Scope of Works to this Contract, the requirements of this specification shall prevail

Hand excavateable material

Hand excavateable material is:

a) granular materials:

- i) whose consistency when profiled may in terms of table 2 be classified as very loose, loose, medium dense, or dense; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 15 blows of a dynamic cone penetrometer is required to penetrate 100mm;

b) cohesive materials:

- i) whose consistency when profiled may in terms of table 2 be classified as very soft, soft, firm, stiff and stiff / very stiff; or
- ii) where the material is a gravel having a maximum particle size of 10mm and contains no cobbles or isolated boulders, no more than 8 blows of a dynamic cone penetrometer is required to penetrate 100mm;

Note

- 1) A boulder is material with a particle size greater than 200mm, a cobble and gravel is material between 60 and 200mm.
- 2) A dynamic cone penetrometer is an instrument used to measure the in-situ shear resistance of a soil comprising a drop weight of approximately 10 kg which falls through a height of 400mm and drives a cone having a maximum diameter of 20mm (cone angle of 60° with respect to the horizontal) into the material being used.

Table 2: Consistency of materials when profiled			
GRANULAR MATERIALS		COHESIVE MATERIALS	
CONSISTENCY	DESCRIPTION	CONSISTENCY	DESCRIPTION
Very loose	Crumbles very easily when scraped with a geological pick.	Very soft	Geological pick head can easily be pushed in as far as the shaft of the handle.
Loose	Small resistance to penetration by sharp end of a geological pick.	Soft	Easily dented by thumb; sharp end of a geological pick can be pushed in 30-40 mm; can be moulded by fingers with some pressure.
Medium dense	Considerable resistance to penetration by sharp end of a geological pick.	Firm	Indented by thumb with effort; sharp end of geological pick can be pushed in up to 10 mm; very difficult to mould with fingers; can just be penetrated with an ordinary hand spade.
Dense	Very high resistance to penetration by the sharp end of a geological pick; requires many blows for excavation.	Stiff	Can be indented by thumb-nail; slight indentation produced by pushing geological pick point into soil; cannot be moulded by fingers.
Very dense	High resistance to repeated blows of a geological pick.	Very stiff	Indented by thumb-nail with difficulty; slight indentation produced by blow of a geological pick point.

Trench excavation

All hand excavateable material in trenches having a depth of less than 1,5 metres shall be excavated by hand.

Compaction of backfilling to trenches (areas not subject to traffic)

Backfilling to trenches shall be placed in layers of thickness (before compaction) not exceeding 100mm. Each layer shall be compacted using hand stampers;

a) to 90% Mod AASHTO;

b) such that in excess of 5 blows of a dynamic cone penetrometer (DCP) is required to penetrate 100 mm of the backfill, provided that backfill does not comprise more than 10% gravel of size less than 10mm and contains no isolated boulders, or

c) such that the density of the compacted trench backfill is not less than that of the surrounding undisturbed soil when tested comparatively with a DCP.

Excavation

All excavateable material including topsoil classified as hand excavateable shall be excavated by hand. Harder material may be loosened by mechanical means prior to excavation by hand. Any material which presents the possibility of danger or injury to workers shall not be excavated by hand.

Clearing and grubbing

Grass and bushes shall be cleared by hand.

Shaping

All shaping shall be undertaken by hand.

Loading

All loading shall be done by hand. Haulage equipment should be selected in a manner that allows loading by hand to the greatest extent possible.

Haul

Excavation material shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Offloading

All material, however transported, is to be off-loaded by hand, unless tipper-trucks are utilised for haulage.

Spreading

All material shall be spread by hand.

Compaction

Small areas may be compacted by hand provided that the specified compaction is achieved. Appropriate rollers should be used where higher (than can be achieved by hand) levels of compaction are required or for large areas.

Grassing

All grassing shall be undertaken by sprigging, sodding, or seeding by hand.

Stone pitching and rubble concrete masonry

All stone required for stone pitching and rubble concrete masonry, whether grouted or dry, must to be collected, loaded, off loaded and placed by hand.

Sand and stone shall be hauled to its point of placement by means of wheelbarrows where the haul distance is not greater than 150m.

Grout shall be mixed and placed by hand.

Manufactured Elements

Elements manufactured or supplied by the Contractor, such as manhole rings and cover slabs, precast concrete planks and pipes, masonry units and edge beams shall not individually, have a mass of more than 320kg. Where the mass of an element exceeds 55 kg, consideration should be given to the size of the element relative to its total mass related to the number of workers who would be needed to lift such mass

C3.7 Submission of Accrual Reports

The Contractor shall submit accrual reports to the client representative at the end of March and September each year for the duration of the Service Contract period from the date of appointment

Any reference to words "Bid" or Bidder" herein and/or in any other documentation shall be construed to have the same meaning as the words "Tender" or "Tenderer".

up to and including project closeout. This is to ensure that PMTE complies with the accounting framework GRAP, which requires that PMTE disclose all its accruals as at the end of each reporting date.

C3.8 Submission of Monthly Local Material Utilisation Report (Local Content)

The contractors shall be responsible for record keeping, documenting and submission of monthly local material utilization report with supporting documentation to the Employer's representative within 7 working days of the beginning of the successive month, in terms of DTI&C designated industry/sector/sub-sector schedule as per the PA36 and Annexures C attached to the tender document. The final percentage achievement to be reconciled upon completion of the project and form part of the final account. Failure by the contractors to achieve the specified percentage of local content per designated industry/sector/sub-sector as listed will result in a thirty percent thirty percent (30%) penalty of the value not achieved, excluding VAT, unless the contractor can prove to the Employer's satisfaction that the non-achievement was beyond his/her control.



DEPARTMENT OF PUBLIC WORKS

HIV/AIDS

SPECIFICATION

OCTOBER 2004

SECTION

HIV/AIDS SPECIFICATION

HIV/AIDS REQUIREMENTS

1 SCOPE

This specification contains all requirements applicable to the Contractor for creating HIV/AIDS awareness amongst all of the Workers involved in this project for the duration of the construction period, through the following strategies:

- Raising awareness about HIV/AIDS through education and information on the nature of the disease, how it is transmitted, safe sexual behaviour, attitudes towards people affected and people living with HIV/AIDS, how to live a healthy lifestyle with HIV/AIDS, the importance of voluntary testing and counselling, the diagnosis and treatment of Sexually Transmitted Infections and the closest health Service Providers;
- Informing Workers of their rights with regard to HIV/AIDS in the workplace;
- Providing Workers with access to condoms and other awareness material that will enable them to make informed decisions about sexual practices.

2 DEFINITIONS AND ABBREVIATIONS

2.1 Definitions

Service Provider: The natural or juristic person recognised and approved by the Department of Public Works as a specialist in conducting HIV/AIDS awareness programmes.

Service Provider Workshop Plan: A plan outlining the content, process and schedule of the training and education workshops, presented by a Service Provider which has been approved by the Representative/Agent.

Worker: Person in the employ of the Contractor or under the direction or supervision of the Contractor or any of his Sub-contractors, who is on site for a minimum period of 30 days in all.

2.2 Abbreviations

- HIV : Human Immunodeficiency Virus.
- AIDS : Acquired Immune Deficiency Syndrome.
- STI : Sexually Transmitted Infection.

3 BASIC METHOD REQUIREMENT

3.1 The Contractor shall, through a Service Provider, conduct onsite workshops with the Workers.

The Service Provider shall develop and compile a Service Provider Workshop Plan to be presented at the workshops and which will be best suited for this project to achieve the specified objectives with regard to HIV/AIDS awareness.

The Service Provider Workshop Plan shall be based on the following information provided by the Contractor:

- Number of Workers and Sub-contractors on site;
- When new Workers or Sub-contractors will join the construction project;
- Duration of Workers and Sub-contractors on site;
- How the maximum number of Workers can be targeted with workshops;
- How the Contractor prefers workshops to be scheduled, e.g. three hourly sessions per Worker, or one 2.5 hour workshop per Worker;
- Profile of Workers, including educational level, age and gender (if available);
- Preferred time of day or month to conduct workshops;
- A Gantt chart reflecting the construction programme, for scheduling of workshops;
- Suitable venues for workshops.

The Contractor shall submit the Service Provider Workshop Plan for approval within 21 days after the tender acceptance date. After approval by the Representative/Agent, the Contractor shall make available a suitable venue that will be conducive to education and training.

3.2 The Service Provider Workshop Plan shall address, but will not be limited to the following:

- 3.2.1 The nature of the disease;
- 3.2.2 How it is transmitted;
- 3.2.3 Safe sexual behaviour;
- 3.2.4 Post exposure services such as voluntary counselling and testing (VCT) and nutritional plans for people living with HIV/AIDS;
- 3.2.5 Attitudes towards other people with HIV/AIDS;
- 3.2.6 Rights of the Worker in the workplace;
- 3.2.7 How the Awareness Champion will be equipped prior to commencement of the HIV/AIDS awareness programme with basic HIV/AIDS information and the necessary skills to handle questions regarding the HIV/AIDS awareness programme on site sensitively and confidentially;
- 3.2.8 How the Service Provider will support the Awareness Champion;
- 3.2.9 Location and contact numbers of the closest clinics, VCT facilities, counselling services and referral systems;
- 3.2.10 How the workshops will be presented, including frequency and duration;
- 3.2.11 How the workshops will fit in with the construction programme;
- 3.2.12 How the Service Provider will assess the knowledge and attitude levels of attendees to structure workshops accordingly;
- 3.2.13 How the video will be used;
- 3.2.14 How the Service Provider will elicit maximum participation from the Workers;
- 3.2.15 A questions and answers slot (interactive session).

The Service Provider Workshop Plan shall encompass the Specific Learning Outcomes (SLO) as stipulated.

4 HIV/ AIDS AWARENESS EDUCATION AND TRAINING

4.1 Workshops

The Contractor shall ensure that all Workers attend the workshops.

The workshops shall adequately deal with all the aspects contained in the Service Provider Workshop Plan. A video of HIV/AIDS in the construction industry, which can be obtained from all Regional Offices of the Department of Public Works, is to be screened to Workers at workshops. In order to enhance the

learning experience, groups of not exceeding 25 people shall attend the interactive sessions of the workshops.

4.2 Recommended practice

4.2.1 Workshop Schedule

Presenting information contained in the Service Provider Workshop Plan can be divided in as many workshop sessions as deemed practicable by the Contractor, provided that all Workers are exposed to all aspects of the workshops as outlined in the Service Provider Workshop Plan.

Breaking down the content of information to be presented to Workers into more than one workshop session however, has the added advantage that messages are reinforced over time while providing opportunity between workshop sessions for Workers to reflect and test information. Workers will also have an opportunity to ask questions at a following session.

4.2.2 Service Providers

A database of recommended Service Providers is available from all Regional Offices of the Department of Public Works.

4.2.3 HIV/AIDS Specific Learning Outcomes and Assessment Criteria

Workers shall be exposed to workshops for a minimum duration of two-and-a-half hours. In order to set a minimum standard requirement, the following specific learning outcomes and assessment criteria shall be met.

4.2.3.1 UNIT 1: The nature of HIV/AIDS

After studying and understanding this unit, the Worker will be able to differentiate between HIV and AIDS and comprehend whether or not it is curable. The Worker will also be able to explain how the HI virus operates once a person is infected and identify the symptoms associated with the progression of HIV/AIDS.

Assessment Criteria:

1. Define and describe HIV and AIDS;
2. List and describe the progression of HIV/AIDS.

4.2.3.2 UNIT 2: Transmission of the HI virus

After studying and understanding this unit, the Worker will be able to identify bodily fluids that carry the HI virus. The Worker will be able to recognise how HIV/AIDS is transmitted and how it is not transmitted.

Assessment Criteria:

1. Record in what bodily fluids the HI virus can be found;
2. Describe how HIV/AIDS can be transmitted;
3. Demonstrate the ability to distinguish between how HIV/AIDS is transmitted and misconceptions around transmittance of HIV/AIDS.

4.2.3.3 UNIT 3: HIV/AIDS preventative measures

After studying and understanding this unit, the Worker will comprehend how to act in a way that would minimise the risk of HIV/AIDS infection and to use measures to prevent the HI virus from entering the bloodstream.

Assessment Criteria:

1. Report on how to minimise the risk of HIV/AIDS infection;
2. Report on precautions that can be taken to prevent HIV/AIDS infection;
3. Explain or demonstrate how to use a male and female condom;
4. List the factors that could jeopardize the safety of condoms provided against HIV/AIDS Transmission.

4.2.3.4 UNIT 4: Voluntary HIV/AIDS counselling and testing

After studying and understanding this unit, the Worker will be able to recognise methods of testing for HIV/AIDS infection. The Worker will be able to understand the purpose of voluntary HIV/AIDS testing and pre- and post-test counseling.

Assessment Criteria:

1. Describe methods of testing for HIV/AIDS infection;
2. Report on why voluntary testing is important;
3. Report on why pre- and post-test counselling is important.

4.2.3.5 UNIT 5: Living with HIV/AIDS

After studying and understanding this unit, the Worker will be able to recognise the importance of caring for people living with HIV/AIDS and be able to manage HIV/AIDS.

Assessment Criteria:

1. List and describe ways to manage HIV/AIDS;
2. Describe nutritional needs of people living with HIV/AIDS;
3. Describe ways to embrace a healthy lifestyle as a person living with HIV/AIDS;
4. Explain the need for counselling and support to people living with HIV/AIDS.

4.2.3.6 UNIT 6: Treatment options for people with HIV/AIDS

After studying and understanding this unit, the Worker will be familiar with the various treatments available to HIV/AIDS infected or potentially HIV/AIDS infected people.

Assessment Criteria:

1. Discuss anti-retroviral therapy;
2. List methods of treatment to prevent HIV/AIDS transmission from mother-to-child;
3. Describe the need for treatment of opportunistic diseases for people living with HIV/AIDS;
4. Describe post exposure prophylactics.

4.2.3.7 UNIT 7: The rights and responsibilities of Workers in the workplace with regard to HIV/AIDS

After studying and understanding this unit, the Worker will be able to identify the rights and responsibilities of the Worker living with HIV/AIDS in the workplace. The Worker will recognise the importance of accepting colleagues living with HIV/AIDS and treating them in a non-discriminative way.

Assessment Criteria:

1. Discuss the rights of a person living with HIV/AIDS in the workplace;
2. Discuss the responsibilities of a person living with HIV/AIDS in the workplace;
3. Report on why acceptance and non-discrimination of colleagues living with HIV/AIDS is important.

4.3 Displaying of plastic laminated posters and distribution of information booklets

The Contractor shall obtain a set of four laminated posters conveying different key messages and information booklets. The contractor should include the costs of posters and information booklets in his/her tender price.

The above-mentioned posters and information booklets have been prepared to raise awareness and to share information about HIV/AIDS and STI's.

Posters or display stands shall be displayed on site as soon as possible, but not later than 14 days after the date of site handover.

Posters shall be displayed in areas highly trafficked by Workers, including toilets, rest areas, the site office and compounds.

The posters on display must always be intact, clear and readable.

Information booklets must be distributed to all Workers as soon as possible, but not later than 14 days after site handover, or as soon as the Worker joins the site.

5 PROVIDING WORKERS WITH ACCESS TO CONDOMS

The Contractor shall provide and maintain condom dispensers and make both male and female condoms, complying with the requirements of SABS ISO 4074, available at all times to all Workers at readily accessible points on site, for the duration of the contract. The Contractor may obtain condom dispensers from the Department of Health and condoms may be obtained from the Local Clinic or the Department of Health.

At least one male and one female condom dispenser and a sufficient supply of condoms, all to the approval of the Representative/Agent, shall be made available on site within 14 days of site hand over. Contractors should note that arrangements to obtain condoms from the Department of Health Clinics prior to site hand over may be necessary, to ensure that condoms are available within 14 days of site handover.

Condoms shall be made available in areas highly trafficked by Workers, including toilets, the site office and compounds.

6 ENSURING ACCESS TO HIV/AIDS TESTING AND COUNSELLING FACILITIES AND TREATMENT OF SEXUALLY TRANSMITTED INFECTIONS (STI)

The Contractor shall provide Workers with the names of the closest Service Providers that provide HIV/AIDS testing and counselling and Clinics providing Sexually Transmitted Infection (STI) diagnosis and treatment. Information on these Service Providers and Clinics must be displayed on a poster of a size not smaller than A1 in an area highly trafficked by Workers.

7 APPOINTMENT OF AN HIV/AIDS AWARENESS CHAMPION

- 7.1 Within 14 days of site handover the Contractor shall appoint an Awareness Champion from amongst the Workers, who speaks, reads and writes English, who speaks and understands all the local languages spoken by the Workers and who shall be on site during all stages of the construction period. The Contractor shall ensure that the Awareness Champion has been trained by the Service Provider on basic HIV/AIDS information, the support services available and the necessary skills to handle questions regarding the HIV/AIDS programme in a sensitive and confidential manner.

7.2 The Awareness Champion shall be responsible for:

7.2.1 Liaising with the Service Provider on organising awareness workshops;

7.2.2 Filling condom dispensers and monitoring condom distribution;

7.2.3 Handing out information booklets;

7.2.4 Placing and maintaining posters.

8 MONITORING

The Contractor shall grant to the Representative/Agent reasonable access to the construction site, in order to establish that the Contractor complies with his obligations regarding HIV/AIDS awareness under this contract.

The Contractor must report problems experienced in implementing the HIV/AIDS requirements to the Representative/Agent.

The attached SITE CHECKLIST (SCHEDULE A) shall be completed and submitted at every construction progress inspection to the Representative/Agent.

The attached SERVICE PROVIDER REPORT (SCHEDULE B) shall be completed and submitted on a monthly basis to the Department's Project Manager, through the Representative/Agent.

The attached CONTRACTOR HIV/AIDS PROGRAMME REPORT (SCHEDULE C), a close out programme report, shall be completed by the Contractor at the end of the contract.

SCHEDULE A

HIV/AIDS PROGRAMME: SITE CHECKLIST

When did construction commence: _____

Name of Departmental Project Manager: _____

Please refer to HIV/AIDS Programme activities during the reporting period

<i>Tick the block if Contractor satisfactorily complied with specifications</i>																												
DATE	PI																											
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
Programme implemented within 14 days of site handover																												
Awareness champion on site																												
HIV/AIDS awareness service provider report																												
Male condom dispenser																												
Sufficient male condoms available																												
Male condom dispenser in a highly trafficked area																												
Female condom dispenser																												
Sufficient female condoms available																												
Female condom dispenser in a highly trafficked area																												
All four types of posters displayed																												
Posters in a good condition																												
Posters in a highly trafficked area																												
Posters displayed on local support services: clinic & VCT centre																												
Support service poster/s in highly trafficked area																												
Support service poster/s in a good condition																												

<i>Please indicate the applicable number for the reporting period</i>							
Workers on payroll (at PI)							
Sub-Contractors who will be on site for longer than 30 days (at PI)							
Workshop attendees							
Number of workshops held							
Scheduled workshops according to approved workshop plan							
Booklets distributed							
Male condoms distributed							
Female condoms distributed							

Representative/Agent

Date

Contractor

Date

Date of progress inspection: (ccyy/mm/dd)

Reporting period: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

Deviations from HIV/AIDS awareness programme plan:

Corrective actions:

Representative/Agent

Departmental Project Manager

Date

Date

SCHEDULE B

HIV/AIDS AWARENESS PROGRAMME: SERVICE PROVIDER REPORT

Reporting period: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

Number of workshops conducted in reporting period: _____

Number of scheduled workshops according to approved workshop plan: _____

Deviations from workshop plan:

State reasons for deviating from workshop plan:

Corrective actions:

Service Provider

Date

Date

HIV/AIDS AWARENESS PROGRAMME : WORKSHOP CONTENT ADDRESSED

<i>Fill in the applicable information with regard to each workshop conducted</i>																				
DATE	W/S																			
	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M	D	D	M	M
Content of workshop: (Mark the content included)																				
SLO1																				
SLO2																				
SLO3																				
SLO4																				
SLO5																				
SLO6																				
SLO7																				
HIV/AIDS in construction video																				
Indicate the duration of the workshop in hours																				
Total number of Workers																				
Indicate workshop venue																				

SCHEDULE C

CONTRACTOR HIV/AIDS PROGRAMME REPORT

Project name: _____

Project Location: _____

Contract value of project: R_____

Department of Public Works Project Manager: _____

HIV/AIDS Programme duration: (ccyy/mm/dd) _____ to (ccyy/mm/dd) _____

AWARENESS MATERIAL

Describe location of posters displayed during the programme: _____

Comments on posters: _____

Indicate total number of booklets distributed: _____

Comments on booklets: _____

CONDOMS

Indicate total number of male condoms distributed: _____

Indicate total number of female condoms distributed: _____

Describe where male condom dispenser was placed: _____

Describe where female condom dispenser was placed: _____

HIV/AIDS WORKSHOPS

Indicate the total number of HIV/AIDS workshops conducted: _____

Indicate the duration of workshops: _____

Indicate the total number of Workers that participated in the HIV/AIDS workshops: _____

Indicate the total number of Workers that were exposed to the video on HIV/AIDS in the Construction Industry:

Comments on HIV/AIDS workshops on site: _____

GENERAL

Briefly describe programme activities and satisfaction with outcome: _____

Additional comments, suggestions or needs with regard to the HIV/AIDS awareness programmes on site:

Please indicate if your company has a formal HIV/AIDS policy focussing on HIV/AIDS awareness raising and care and support of HIV/AIDS Workers:

Yes	No	Currently developing one
-----	----	--------------------------

Please indicate if, to your knowledge, you have lost any workers during the duration of the project to HIV/AIDS related sicknesses. One or more of the following might indicate an HIV/AIDS related death:

Excessive weight loss
Reactive TB
Hair loss
Severe tiredness

Coughing or chest pain
Pain when swallowing
Persistent fever
Diarrhoea

Vomiting
Meningitis
Memory loss
Pneumonia

Number of HIV/AIDS-related deaths: _____

Contractor

Date

Departmental Project Manager

Date



WESTERN CAPE

CAPE TOWN

PARLIAMENTARY COMPLEX PARLIAMENT KITCHENS: UPGRADE AND RECONFIGURATION OF VARIOUS KITCHENS INCLUDING REPLACEMENT OF EQUIPMENT AND ASSOCIATED WORKS

WCS 054967

Health and Safety Specification



OCCUPATIONAL HEALTH AND SAFETY ACT

AND

REGULATIONS

PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION

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Initial Hazard Identification and Risk Assessment

1. INTRODUCTION AND BACKGROUND

1.1 Background to the Pre-Construction Health and Safety Specification

- 1) The Construction Regulations of February 2014 in terms of Regulation 5 (1)(b) places the onus on the Client to prepare a Pre-Construction Health and Safety Specification, highlighting all risks not successfully eliminated during design. Section 37.2 of the Act, Act 85 of 1993 requires the Department of Works as an Employer to enter into a written agreement with the Contractor (Mandatory) as far as arrangements and procedures are concerned to ensure that the Contractor complies with the requirements of the Act, Act 85 of 1993 and all its Regulations.
- 2) This document serves to address all the above mentioned requirements and by submission of his/her tender the Contractor undertakes to abide with the conditions as stipulated by the Department of Works hereinafter referred to as the Client throughout this document.
- 3) This documentation will give the Client or its duly appointed representative the required information to be able to evaluate the Contractors competency and resources as is required by Regulation 5(1)(h) of the Construction Regulations of February 2014 and to determine his/her suitability to perform such work in a safe and healthy manner.
- 4) When submitting his/her tender the Contractor must supply the Client with the following:
 - A detailed Site Safety Plan indicating how the contractor will manage all Safety, Health and Environmental aspects whilst working on the Clients premises or on premises under his/her control, which must be based on the contents of this document as is required by Regulation 7(1)(a) of the Construction Regulations of February 2014.
 - A Cost breakdown of funds being allocated to make adequate provisions for Safety, Health and Environmental requirements as is required by Regulation 5 (1)(g) of the Construction Regulations of February 2014.
- 5) No approval or acceptance of any document required by this specification shall be construed by the Contractor as an absolution of the Contractor from achieving the required level of



performance and compliance with legal requirements whatsoever.

- 6) The Contractor is an employer in his/her own right and therefore must assume all the responsibilities as required from any legal obligation imposed on him or her.

1.2 Purpose of the Pre-Construction Health and Safety Specification

To assist in achieving compliance with the Occupational Health and Safety Act 85/1993 and the now promulgated Construction Regulations of February 2014 in order to reduce incidents and injuries.

To enable the effectiveness of the incorporated health and safety standards in regulations and thus comply with SANS requirements in terms of Occupational Health and Safety Act No.85 of 1993 section 44 of the act.

The Pre-Construction Safety, Health and Environmental Specification sets out the requirements to be followed by the Principal Contractor and other Contractors so that the Health and Safety of all persons potentially at risk and the potential risk to the environment may receive the same priority as other facets of the project such as Scope, Time, Cost and Quality.

1.3 Implementation of the Pre-Construction Health and Safety Specification

This specification forms an integral part of the contract, and the Contractor is required to use it at pre-tender phase when drawing up his/her project-specific Construction Phase Health and Safety Plan as indicated above. The Principal Contractor shall forward a copy of this specification to all Sub-Contractors at their bidding stage so that they can in turn prepare Health and Safety Plans relating to their operations.

2. PRE-CONSTRUCTION HEALTH AND SAFETY SPECIFICATION

2.1 SCOPE

This Specification covers the requirements for eliminating and mitigating incidents and injuries on the particular project.

The scope also addresses legal compliance, hazard identification and risk assessment, risk control, and promoting a Health and Safety culture amongst those working on the project. The specification also makes provision for the protection of those persons other than employees.



2.2 Contractual Issues

- 1) Due to fact that this document is based on legislative requirements the Client requires that all Contractors comply with the requirements of this document and all other relevant legislative requirements not covered by this document.
- 2) The Client or its duly appointed representative reserves the right to stop any contractor from working whenever Safety, Health or Environmental requirements are being violated. Any resultant costs of such work stoppages will be for the Contractors account.
- 3) The requirements as specified by the Client in this document must not be deemed to be exhaustive and the Client reserves the right to make changes as and if the Client deems fit.
- 4) The Client will not entertain any claim of any nature whatsoever which has come about as result of costs incurred or delays being experienced due to the Contractor not complying with the requirements of this document or any other applicable legislative requirements imposed on the Contractor.

2.3 Safety, Health and Environmental Standards and Procedures

- 1) The Contractor will ensure that all work performed by him/her is executed in accordance with work procedures which comply with accepted safety practices and applicable safety, health and Environmental legislation.
- 2) Procedures as indicated above may be the Contractors own procedures on condition that they comply with the conditions as stipulated above.
- 3) Where procedures have been specified by this Client in the contents of this document such procedures must be adhered to unless otherwise agreed to with the Client or it's duly appointed representative.

2.4 Interpretations

2.4.1 APPLICATION

This specification is a compliance document drawn up in terms of South African legislation and is therefore binding. It must be read in conjunction with relevant legislation as noted previously.

2.4.2 DEFINITIONS



- 1) The definitions as listed in the Occupational Health and Safety Act 85/1993 and Construction Regulations of February 2014 shall apply unless otherwise stipulated.
- 2) Any reference to "The Contractor" includes – the Principal and Sub - Contractor unless otherwise stipulated.

2.5 Minimum Administrative Requirements

2.5.1 Notification of Intention to Commence Construction Work

- 1) The Contractor shall notify the Provincial Director of the Department of Labour in writing before construction work commences if required in the format of Annexure 2. A copy of this notification must be forwarded to the Client prior to the commencement of Construction work.
- 2) Copies of such notification can be obtained from any Department of Labour Office.

2.5.2 Assignment of Contractor's Responsible Persons to Supervise Health and Safety on Site.

- 1) The Contractor shall submit in the format of Annexure B, proof of all supervisory as well as any other relevant appointments as is required by the OHS Act and the Construction Regulations.
- 2) It is acknowledged that the Contractor may need to allocate more than one appointment to certain staff members. This practice may only take place if Safety, Health and Environmental Standards would not be negatively affected.
- 3) Should the Client or its representative deem such practice as having a negative effect on Safety, Health and Environmental Standards, then alternative arrangements will have to be made.
- 4) **A contractor must, after consultation with the client and having considered the size of the project, degree of danger likely to be encountered or the accumulation of hazards or risks on site, appoint a full-time/part-time construction health and safety officer in writing to assist in the control of all health and safety related aspects on the site.**

2.5.3 Competency of Contractor's Appointed Competent Persons

- 1) Contractors' competent persons for the various risk management portfolios shall fulfill the criteria as stipulated under the definition of "Competent Person" in accordance with the Construction Regulations of February 2014 and the Occupational Health and Safety Act, Act 85 of 1993.
- 2) The Client reserves the right to require levels of Competency,



which exceeds the requirements as stipulated by the Act and or Construction Regulations.

- 3) In the event of the Client requiring additional levels of Competency, alternative arrangements will have to be made.

2.5.4 Compensation of Occupational Injuries and Diseases Act, Act 130 of 1993 (COID ACT)

- 1) The Contractor warrants that his and all his workmen are fully covered in terms of the COID, Act 130 of 1993 and that such cover shall remain in force for the duration of his contractual relationship with the Client or whilst working on the Clients premises or premises under the Clients control.
- 2) The Contractor will supply proof of such insurance cover to the Client with his/her tender submission.
- 3) The Contractor undertakes to ensure that all Sub-Contractors appointed by him/her will be fully covered in terms of the COID Act, Act 130 of 1993 and that such cover shall remain in force for the duration of their contractual relationship with the Contractor
- 4) The Contractor must also ensure that he has additional insurance cover that will adequately make provisions for any losses and/or his employee's acts and/or omissions whilst working on the Clients premises or on premises under the client's control.

2.5.5 Occupational Health and Safety Policy

- 1) The Contractor shall submit a Health and Safety Policy signed by the Chief Executive Officer.
- 2) The Policy must outline objectives and how they will be achieved and implemented by the Company / Contractor.
- 3) A copy of such policy must be included in the Site Safety Plan and the Site Safety File.

2.5.6 Health and Safety Organogram

- 1) The Contractor shall submit an Organogram, outlining the Health and Safety Site Management Structure including the relevant appointments / competent persons.
- 2) In cases where appointments have not been made, the organogram shall reflect the intended persons to be appointed to such positions.



- 3) The organogram shall be updated when there are any changes in the Site Management Structure.

2.5.7 Preliminary Hazard Identification and Risk Analysis and Progress Hazard Identification and Risk Analysis

- 1) A Preliminary Hazard Identification and Risk Analysis was conducted and can be found in the format of Annexure D. This Hazard Identification and Risk Analysis was performed to make the Contractor aware of potential Hazards, which could be present on the site and may not be comprehensive.
- 2) The Contractor shall cause a Hazard Identification and Risk Analysis exercise to be performed by a Competent Person before commencement of construction work, and the assessed risks shall form part of the Construction phase Health and Safety Plan submitted for approval by the Client. The Risk Assessment must include:
 - a) A list of hazards identified as well as potentially hazardous tasks;
 - b) A documented risk assessment based on the list of hazards and tasks;
 - c) A set of safe working procedures to eliminate, reduce and/or control the risks assessed;
 - d) A monitoring and review procedure of the risks assessment as the risks change.
- 3) The Principal Contractor shall ensure that all Contractors are informed, instructed and trained by a Competent Person/s regarding hazards, risks and related safe work procedures before any work commences and thereafter at regular intervals as the risks change and as new risks develop.
- 4) The Contractor shall be responsible for ensuring that all persons who could be negatively affected by its operations are informed and trained according to the hazards and risks and are conversant with the Safe Work Procedures, control measures and other related rules (tool box talk strategy to be implemented and so on).
- 5) Should the Client or its duly appointed Representative identify alternative hazardous activities performed by the Contractor or its Sub-Contractors on site for which a Risk Assessment was not performed then the contractor will be required to perform such an exercise before continuing such work.

2.5.8 Health and Safety Representative(s)

- 1) The Contractors shall ensure that Health and Safety Representative(s) are appointed under consultation and trained to carry out their functions.



- 2) The appointments must be in writing and the Health and Safety Representative shall carry out regular inspections, keep records and report all findings to the Responsible Person forthwith and at Health and Safety meetings.

2.5.9 Health and Safety Committees

The Principal Contractor shall ensure that project Health, Safety and Environmental meetings are held monthly or as deemed necessary by the project requirements.

- 1) Minutes must be kept on record and filled in the Site Health and Safety File.
- 2) Meetings must be organized and chaired by the Principal Contractors' Responsible Person.

2.5.10 Health and Safety Training

2.5.10.1 Induction

- 1) The Principal Contractor shall ensure that all site personnel undergo a site-specific Health and Safety Induction Training Session before starting work. A record of attendance shall be kept in the Health and Safety file. **A suitable venue must be supplied to provide this training.**
- 2) All visitors to the site must also be subjected to site-specific induction training highlighting items such as steps to follow in the event of an emergency, restricted areas and so on.

2.5.10.2 Awareness

The Principal Contractor shall ensure that, on site, periodic toolbox talks take place daily. These talks should deal with risks relevant to the construction work at hand. A record of attendance shall be kept in the Health and Safety File. All Contractors have to comply with these minimum requirements.

2.5.10.3 Competency

- 1) All competent persons shall have the knowledge, experience, training, and qualifications specific to the work they have been appointed to supervise, control, and carry out.
- 2) The abovementioned competency requirements will be assessed on a regular basis by the Client, by means of



Audits, Progress Meetings, and any other means deemed fit by the Client.

- 3) The Principal Contractor is responsible to ensure that competent Contractors are appointed to carry out construction work and records should be kept of criteria used to determine competency.
- 4) The Client reserves the right to require competencies which may exceed the Contractors standards in which case alternative arrangements will have to be made to meet the Clients requirements.

2.5.11 General Record Keeping

- 1) The Contractors shall keep and maintain Health and Safety records to demonstrate compliance with this Specification, with the OHS Act 85/1993; and with the Construction Regulations of February 2014.
- 2) The Contractor shall ensure that all records of incidents/accidents, training, inspections, audits, and so on are kept in a Health and Safety file held in the Site Office.
- 3) The Principal Contractor must ensure that every Contractor opens his/her own Health and Safety file, maintains the file and makes it available on request by any duly authorized person.
- 4) The principal contractor or sub-contractor that has more than 5 staff members on site will be required to have the full version of Occupational Health and Safety Act and Regulations 85 of 1993 on site.

2.5.12 Health and Safety Audits, Monitoring and Reporting

- 1) The Client shall conduct monthly Health and Safety audits of the work operations including a full audit of physical site activities as well as an audit of the administration of Health and Safety.
- 2) The Principal contractor is obligated to conduct similar audits on all Contractors appointed by him/her.
- 3) Detailed reports of the audit findings and resultant corrective measures shall be reported on at all levels of project management meetings/forums.
- 4) Copies of the Clients audit reports will be forwarded to the Contractor and must be kept in the Site Health and Safety File.
- 5) The Principal Contractor must audit the activities and administration of all appointed Sub-Contractors, forward a copy



to the Client or its representative within seven days of completion of the audit and file a copy on the Site Safety File.

2.5.13 Emergency Procedures/Plans

- 1) The Principal Contractor shall submit a detailed Emergency Procedure/Plan for approval by the Client prior to commencement of work on site. The procedure shall detail the response plan/s including the following key elements:
 - List of key competent personnel;
 - Details of emergency services;
 - Actions or steps to be taken in the event of the specific types of emergencies;
 - Information on hazardous material/situations.
- 2) Emergency Procedures/Plans shall include, but shall not be limited to, fire, spills, use of hazardous substances, bomb threats, major incidents/accidents major and minor and any other anticipated emergencies.
- 3) The Principal Contractor shall advise the Client in writing forthwith, of any emergencies, together with a record of action taken. A contact list of all service providers (Fire Department, Ambulance, Police, Medical and Hospital, etc) must be maintained and be available to site personnel.
- 4) Emergency procedures/Plans must be developed by a competent person such as a Safety, Health and Environmental Officer or in the absence of a Safety, Health and Environmental Officer by the Construction Work Supervisor.
- 5) Emergency Procedures/Plans must form part of the Agenda of monthly safety meetings as the Procedures/Plans would have to be revisited on a continuous basis due to the changing environment on construction sites.

2.5.14 First Aid Boxes and First Aid Equipment

- 1) All Contractors shall appoint in writing First Aider(s) in terms of legislative requirements.
- 2) The appointed First Aider(s) must be sent for accredited first aid training should they not have received such training prior to commencement of work on site.
- 3) Valid certificates to be kept on site in the Site Safety File.
- 4) The Principal Contractor shall provide an on-site First Aid Station with first aid facilities, where required, including first aid boxes adequately stocked at all times.



- 5) All Contractors with more than 5 employees shall supply their own first aid box
- 6) In the event of hazards chemical substances being present on site, first aiders must be trained to address any incidents of accidental exposure and their first aid kits stocked accordingly

2.5.15 Accident / Incident Reporting and Investigation

- 1) Injuries are to be categorized into the following categories:
 - 1) first aid;
 - 2) medical;
 - 3) disabling; and
 - 4) fatal injuries.
- 2) All Contractors have to report on the 4 categories of injuries to the Principal Contractor as soon as is reasonably practicable.
- 3) The Principal Contractor must stipulate in his/her construction phase Health and Safety plan how he/she will handle each of these categories.
- 4) When reporting injuries to the Client, these categories shall be used.
- 5) All injuries will be investigated by the Principal Contractors or his/her Competent Person, with a report being forwarded to the Client forthwith.
- 6) The Principal Contractor must report all injuries to the Client in the form of a detailed injury report at least monthly.
- 7) All incidents taking place in terms of Section 24 of the Act must be reported in the prescribed period and manner to the Department of Labour.
- 8) Copies of Section 24 reports, including WCL 1 & 2 forms must be forwarded to the Client immediately after completion.

2.5.16 Hazards and Potential Situations

- 1) The Principal Contractor shall immediately notify other Contractors as well as the Client of any hazardous or potentially hazardous situations that may arise during performance of construction activities.
- 2) Should a hazardous situation require work stoppages the work must be stopped and corrective steps taken such as Written Safe Work Procedures and issuing of Personal Protective Equipment.



2.5.17 Personal Protective Equipment (PPE) and Clothing

- 1) The Contractor shall ensure that all workers are issued and wear Hard Hats, Safety Boots/Shoes and Overalls.
- 2) The Contractor and all Contractors shall make provision and keep adequate quantities of SABS approved PPE on site at all times.
- 3) The Contractor shall clearly outline procedures to be taken when PPE or Clothing is:
 - Lost or stolen;
 - Worn out or damaged.
- 4) The above procedure applies to Contractors and their Sub-Contractors.
- 5) The Contractor must ensure that no person enters the Site without the required Personal Protective Equipment.
- 6) Visitors to the Site must be provided with the required PPE such as Hard Hats, Earmuffs and Eye Protection.
- 7) Records of all PPE issued to staff must be kept on site in the Site Safety File.
- 8) Employees are to be made conversant with the purpose of PPE and where and when it is required to be used by the employee.
- 9) Safety belts are not to be allowed on site due to its associated potential of injury to the user; only double lanyard safety harnesses are permitted.
- 11) Suitable eye protection must at all times be worn by the worker when performing grinding, chipping, chasing and other associated activities.
- 12) In the event that onlookers may be struck by flying objects as a result of work being performed, suitable screens must be erected.
- 13) Any person performing welding or brazing work will wear suitable eye protection, gloves, aprons, and spats. Suitable screens are to be provided to protect onlookers from the harmful rays associated with such activities.
- 14) Where employees are required to work with corrosive liquids, suitable eye protection, gloves and acid resistant overalls must be provided.



- 15) Ear protection must be worn in designated noise zone (in excess of 85dB)
- 16) Suitable respirators must be provided to all employees and visitors required working in or entering areas where toxic vapors could be present.
- 17) All staff working in an elevated position (2m or higher) or where the potential exists that such person may fall must be provided with a suitably secured safety harness.
- 18) Any person refusing to wear personal Protective Equipment must be instructed to wear such equipment and in the event of such person refusing to wear such equipment he/she must be removed from the premises.

2.5.18 Occupational Health and Safety OHS Signage

- 1) The Contractor shall provide adequate on-site OHS signage including but not limited to: "no unauthorized entry", "report to site office", "site office", "beware of overhead work", "hard hat area".
- 2) Signage shall be posted up at all entrances to the site as well as on site in strategic locations e.g. access routes, stairways, entrances to structures and buildings, scaffolding, and other potential risk areas/operations.
- 3) In the event where work is being performed on a premises displaying signage such as no-parking, speed limits and so on, the Contractor will abide by the requirements of such signage except if otherwise instructed.

2.5.19 Permits

- 1) The Contractor shall draft and implement where required permits which may include the following:
 - Use of Explosives and Blasting;
 - Work for which a fall prevention plan is required;
 - Use of cradles, and
 - Electrical work
 - Hot works
- 2) The Contractor will ensure that where permits are required that it is used and adhered to.

2.6 Physical Requirements

2.6.1 Demolition Work

- 1) Prior to any demolition work being carried out, the Principal



Contractor shall submit a safe working procedure and a detailed engineering survey for approval by the Client.

- 2) Such Safe Work Procedures' must where possible be submitted with the Site SHE Plan
- 3) Acceptance will then be issued to the Principal Contractor to proceed with the demolition work.
- 4) The Principal Contractor shall ensure that demolition work complies with the Construction Regulations of February 2014.
- 5) In the event where a structure identified for demolition includes substances such as lead or asbestos it must be performed within the requirements of the applicable legislative.
- 6) It is the Principal Contractor responsibility to locate and determine where all underground services are and make safe before any excavating, digging etc. is done

2.6.2 Excavations, Shoring, Dewatering or Drainage

- 1) All excavation work must be performed under the supervision of a Competent Person as specified in Annexure B of this document and the Construction Regulations of July 2003.
- 2) Adequate Shoring and Bracing must be provided where required to ensure that the health and safety of the employees working in such excavations are not put at risk.
- 3) Adequate provisions must be made to ensure that water is drained from excavations which may enter such excavations as a result of seepage or rain.
- 4) All excavation made by the Contractor must be clearly demarcated and protected to prevent accidental access.
- 5) Barricading tape may only be used to make solid barricading more visible and may not be used as a means of barricading.
- 6) In addition to the abovementioned the requirements of Regulation 11 of the Construction Regulations of July 2003 must be adhered to.

2.6.3 Edge Protection .

- 1) All open edges posing the risk of resulting in injuries or damage to equipment must be adequately guarded fenced or barricaded or other similar suitable means used to prevent injuries or damage to equipment.



- 2) Barricading tape is not deemed to be suitable and may only be used in addition to other suitable means as indicated above.

2.6.4 Explosives and Blasting

- 1) All explosives must be transported or stored according to the requirements of SANS 0228.
- 2) Written approval must be obtained from the Chief Inspector Occupational, Health and Safety prior to any blasting activities taking place.
- 3) A copy of such permission from the Chief Inspector Occupational, Health and Safety must be supplied to the client prior to Blasting.
- 4) Prior to blasting a siren must be sounded, warning flags posted and guards placed at strategic locations points to prevent accidental entry to the blasting area.

2.6.5 Stacking of Materials

- 1) Stacking and storage of materials must be performed under the Supervision of a Competent Person whom has been appointed in writing as required by Annexure B.
- 2) Storage areas must be designated, kept neat and under control. In addition to the abovementioned the requirements of General Safety Regulations as promulgated by Government Notice No R1031 dated 30 May 1986 as amended must be complied with.
- 3) In the event that unauthorized persons may enter an area where materials are stacked such area must be barricaded off to prevent access to such area.

2.6.6 Speed Restrictions and Protections

- 1) Unless otherwise stipulated the speed limit on site to be adhered to is 10 Km/h.
- 2) Vehicle movement routes on site must be clearly indicated where applicable.
- 3) Signage to ensure the safe movement of vehicles on site as well as to ensure the health and safety of all employees and visitors on site must be displayed in strategic locations.

2.6.7 Hazardous Chemical Substances (HCS)

- 1) All employees required to use Hazardous Chemical Substances or products containing Hazardous Chemical Substances must be adequately and comprehensively trained with regard to the



requirements of the Hazardous Chemical Substances Regulations as amended in Government Gazette No 25130 of June 2003, the potential sources of exposure and the potential risks to their health caused by exposure.

- 2) In addition to the abovementioned, Material Safety Data Sheets must be kept on site for all materials, which may contain hazardous chemical substances.

2.6.8 Asbestos

- 1) Asbestos work may only be performed subject to prior notification of the Provincial Director, Occupational Health and Safety, Department of Labour, in writing.
- 2) Proof of such notification must be supplied to the Client prior to work proceeding.
- 3) All asbestos work shall be carried out as per the Asbestos Abatement Regulations by an approved Asbestos Contractor.
- 4) All employees must be informed and receive training on aspects such as the contents and scope of the Asbestos Abatement Regulations as published in Government Gazette 23108 of November 2020, the potential risks of exposure to asbestos, precautionary measures employees have to take and all other requirements deemed necessary to provide a safe and healthy environment for all employees as specified by the Asbestos Abatement Regulations as indicated above.
- 5) All asbestos will be removed from site by an approved asbestos contractor to an approved asbestos dump site. Certificate must be issued on completion on removal of all asbestos on site indicating that the site is clear of all asbestos.

2.7 Plant and Machinery

2.7.1 Construction Plant

- 1) All Construction Plant must comply with and be used in conjunction with the requirements of Section 23 of the Construction Regulations and in specific that all records of inspections rendering such plant safe must be kept on site.
- 2) Operators will be competent and trained and copies of training certificates shall be placed on the health and safety file on site.
- 3) Operators shall be in possession of medical certificate declaring that they are physically and psychologically fit to operate such construction vehicle and plant and copy of medical certificate shall be on the file.
- 4) Original operating and medical certificates shall be kept by the



operators and shall be on site in-possession of the operators at all times.

2.7.2 Vessels under Pressure (VUP)

The Principal Contractor and all relevant Contractors shall comply with the Vessels under Pressure Regulations, including:

- Providing competency and awareness training to the operators;
- Providing PPE or clothing;
- Inspecting equipment regularly and keeping records of inspections;
- Providing appropriate firefighting equipment.

2.7.3 Fire Extinguishers and Fire Fighting Equipment

- 1) The Principal Contractor and Sub Contractors shall provide or ensure adequate provision of regularly serviced firefighting equipment located at strategic points on site, specific to the classes of fire likely to occur.
- 2) The appropriate notices and signs must be posted up as required.
- 3) Contractors may not utilize fire protection equipment belonging to the client without prior consent.

2.7.4 Hired Plant and Machinery

- 1) The Contractor shall ensure that any hired plant and machinery used on site is safe for use.
- 2) The requirements as stipulated by the OHS Act 85/1993 and Construction Regulations of February 2014 shall apply.
- 3) The Principal Contractor shall ensure that operators hired with machinery are competent and that certificates are kept on site in the Site Health and Safety File. All relevant Contractors must ensure the same.

2.7.5 Scaffolding / Working at Heights

- 1) Working at heights includes any work that takes place in an elevated position in excess of 2m.
- 2) The Contractor must submit a risk-specific fall prevention plan and include a rescue plan in accordance with the Construction Regulations of February 2014 before this work is undertaken.
- 3) The fall prevention plan must be approved by the Client before work may commence.



2.7.6 Formwork and Support Work for Structures

- 1) The Principal Contractor shall ensure that the provisions of Section 10 of the Construction Regulations of February 2014 are adhered to.
- 2) These provisions must include but not be limited to ensuring that all equipment used is examined for suitability before use; that all Formwork and Support Work is inspected by a competent person immediately before, during and after placement of concrete or any other imposed load and thereafter on a daily basis until the Formwork and Support Work has been removed.
- 3) Records of all inspections must be kept in a register on site.

2.7.7 Lifting Machines and Tackle

- 1) The Contractor shall ensure that lifting machinery and tackle is inspected before use and thereafter in accordance with the Driven Machinery Regulations and the Construction Regulations (Section 20).
- 2) There must be a competent appointed lifting Machinery and Tackle Inspector on site who must inspect the equipment daily or before use, taking into account that:
 - All lifting machinery and tackle has a safe working load clearly indicated;
 - Regular inspection and servicing is carried out;
 - Records are kept of inspections and of service certificates;
 - There is proper supervision in terms of guiding the loads that includes a trained banksman to direct lifting operations and check lifting tackle;
 - The tower crane bases have been approved by an engineer;
 - The operators are competent as well as physically and psychologically fit to work and be in possession of a medical certificate of fitness which must be available on site.

2.7.8 Ladders and Ladder Work

- 1) The Contractor shall ensure that all ladders are inspected at least monthly, are in a good safe working order, are the correct height for the task, extend at least 1m above the landing, fastened and secured, and at a safe angle.
- 2) Records of inspections must be kept in a register on site.

2.7.9 General Machinery



The Contractor shall ensure compliance with the Driven Machinery Regulations, which include inspecting machinery regularly, appointing a competent person to inspect and ensure maintenance, issuing PPE or clothing, and training those who use machinery.

2.7.10 Portable Electrical Tools and Explosive Powered Tools

- 1) The Contractor shall ensure that use and storage of all explosive powered tools and portable electrical tools are in compliance with relevant legislation.
- 2) The Contractor shall ensure that all electrical tools, electrical distribution boards, extension leads, and plugs are kept in a safe working order.
- 3) The Contractor shall apply the following:
 - A competent person undertakes routine inspections and records are kept.
 - Only authorized trained persons use the tools.
 - The safe working procedures apply.
 - Awareness training is carried out and compliance is enforced at all times.
 - PPE and clothing is provided and maintained.
 - A register indicating the issue and return of all explosive rounds is implemented and maintained, and
 - That signs are posted up in the areas where explosive powered tools are being used.

2.7.11 High Voltage Electrical Equipment

- 1) All contractors must be made aware of the presence and location of High Voltage Equipment such as underground cables and overhead lines, and that the necessary precautionary steps are taken where work has to be executed in the vicinity of such equipment.
- 2) Precautionary measures such as Isolation and Lock-Out of electrical systems or the use of electrically isolated tools must be used.

2.7.12 Public and Site Visitor Health and Safety

- 1) The Contractor shall ensure that every person working on or visiting the site, as well as the public in general, shall be made aware of the dangers likely to arise from site activities, including the precautions to be taken to avoid or minimize those dangers.
- 2) Appropriate Health and Safety Notices and signs shall be posted up, but shall not be the only measure taken.

2.7.13 Night Work



The Contractors must ensure that adequate lighting is provided to allow for work to be carried out safely.

2.7.14 Transportation of Workers

- 1) The Contractor and shall not:
 - Transport persons together with goods or tools unless there is an appropriate area or section to store such goods.
 - Transport persons on the back of trucks except if a proper canopy (properly covering the sides and top) has been provided with suitable seating areas.
 - Permit workers to stand or sit on the edge of the transporting vehicle.
 - Transport workers in LDV's unless they are closed/covered and have the correct number of seats for the passengers.
- 2) No driver will transport more than six people on the back of a 1 Ton LDV and more than four passengers on the back of a ½ Ton LDV.
- 3) The driver of any LDV will not permit more than 2 passengers to occupy the cab of any single cab LDV and 4 passengers of any double cab LDV.
- 4) All vehicles operated on the site will in all aspects comply with the requirements of the Road Traffic Ordinance Act
- 5) Drivers of such vehicles will have a valid license for the code of vehicle being driven by them.
- 6) No servicing of vehicles will be permitted on a Construction Site, which is occupied by staff working for the Client.
- 7) Servicing or repairs of vehicles on site may only take place if such activities are performed with the necessary procedures in place to prevent any harmful effects to the environment.
- 8) All waste generated from servicing vehicles must be disposed off in accordance with relevant Environmental legislation.
- 9) In the event where Earth Moving Equipment is present on site the following must be adhered to:
 - Drivers of vehicles must be instructed to avoid parking behind earth moving vehicles to ensure that their vehicles are visible to the operator of earth moving vehicles.
 - Right of way must be afforded to earth moving machinery at all times.
 - Vehicles must only be permitted to park where possible in designated areas



2.8 Occupational Health and Environmental Management.

2.8.1 Occupational Hygiene

- 1) Exposure of workers to occupational health hazards and risks is very common in any work environment, especially in construction.
- 2) Occupational exposure is a major problem and all Contractors must ensure that proper health and hygiene measures are put in place to prevent exposure to these hazards.
- 3) Contractors must prevent inhalation, ingestion, absorption, and noise induction.
- 4) Site-specific health risks are tabled in Annexure D such as cement -dust, wood-dust, noise and so on but is not limited to these items.
- 5) Water to be utilized for drinking purposes may only be drawn from taps designated for drinking water purposes. Fire hydrants and fire hose reels may not be utilized for drinking water purposes.
- 6) In the event where staff is required to be away from home due to the work they have to perform on behalf of the Contractor, the Contractor will provide suitable clean dry and hygienic accommodation, the cost thereof shall be borne by the Contractor.

2.8.2 Environmental Management

- 1) The Contractor shall take all precautionary steps to prevent any pollution of the Environment.
- 2) Any material, which may pose a harmful effect when disposed of by normal means, must be disposed of in an appropriate manner to eliminate its harmful effect on the environment after disposal.
- 3) The Contractor will ensure that adequate procedures are implemented and maintained to ensure that all waste generated including asbestos waste is placed in suitable receptacles and removed from the site promptly.
- 4) Plans to deal with spillages must be in place and maintained.



- 5) No waste materials liquid or solid may be disposed of in drains.
- 6) No burning of waste material may take place where such material being burned may result in pollution of the air or give off toxic vapors which could be harmful to the health of employees or any other person present on site.

2.8.3 Welfare Facilities

- 1) Contractors will supply sufficient toilets (1 toilet per 30 workers). Toilets will be so positioned that it is in close proximity of the workers. If more toilets are required contractors must make provision for this.
- 2) Showers (1 for every 15 workers).
- 3) Changing facilities.
- 4) Hand washing facilities, soap, toilet paper, and hand drying materials.
- 5) Waste bins must be strategically placed and emptied regularly.
- 6) Safe, clean storage areas must be provided for workers to store personal belongings and personal protective equipment.
- 7) Workers must not be exposed to hazardous materials/substances while eating and must be provided with sheltered eating areas.

2.8.4 Alcohol and other Drugs

- 1) No alcohol and other drugs will be allowed on site without the express permission of the Principal Contractor.
- 2) No person may be under the influence of alcohol or any other drugs while on the construction site.
- 3) Any person on prescription drugs must inform his/her Employer, who shall in turn report this to the Principal Contractor forthwith.
- 4) Any person suffering from any illness/condition that may have a negative effect on his/her safety performance must report this to his/her Employer, who in turn must report this to the Principal Contractor forthwith.
- 5) Any person suspected of being under the influence of alcohol or other drugs must be sent home immediately, to report back the next day for a preliminary inquiry. A full disciplinary procedure must be followed by the Contractor concerned and a copy of the disciplinary action must be forwarded to the Principal Contractor for his records.



2.9 Electrical fencing.

- 1) Contractor must comply with sect 12, 13 and 14 of the Electrical Machinery Regulations.

2.10 Managing Exposure to SARS-COV-2

- 1) On the expiry of the declaration of the National State of Disaster under GN313 OF 15 March 2020, Notice No.R.1876 has been issued for the provision of Good Code of Practice: Managing Exposure to SARS-COV-2 in the Workplaces.
- 2) The Regulations for Hazardous Biological Agents, 2022 (HBA Regulations) list coronavirus as a listed hazardous biological agent, classed as group 3. It therefore places legal responsibilities on employers in respect of employers to limit the exposure and mitigate the risks of infection by SARS CoV-2.



ANNEUXRE A

The Contractor must submit proof of compliance with Annexure A with the construction phase H&S plan where applicable.

HSS Item No.	Requirement	OHSA Requirement	Submission Date
2.3.1	Notification of Intention to Commence Construction/Building Work	Complete Annexure 2 (Construction Regulations)	Before commencement on site
2.3.2	Assignment of Responsible Persons	All relevant appointments as per OHS Act, Con Regs and Annexure B	Together with SHE Plan
2.3.3	Competence of Responsible Persons	Client Requirement & OHS Act	Together with SHE Plan
2.3.4	Compensation of Occupational Injuries and Diseases Act (COIDA) 130 of 1993	Construction Reg and Client Requirement	Together with SHE Plan
2.3.5	Occupational Health and Safety Policy	OHS Act	Together with SHE Plan
2.3.6	Health and Safety Organogram	Client Requirement	Together with SHE Plan
2.3.7	Initial Hazard Identification and Risk Assessment	Construction Regs.	Together with SHE Plan



ASSIGNMENT OF CONTRACTOR'S RESPONSIBLE PERSONS

ANNEXURE B

The Principal Contractor shall make the following appointments according to the initial risk assessment or as deemed necessary: (further appointments could become necessary as the project progresses)

Appointment	OHSA Reference	Requirement abbreviated
CEO Assignee	Section 16(2)	A competent person to assist with the on-site H&S, overall responsibility – Contractor's Responsible Person
Construction Manager	CR 8(1)	A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties.
Construction Work Supervisor	CR 8(7)	A competent person(s) to supervise and be responsible of Health & Safety related issues on site. The person is appointed to assist the CEO with his/her overall duties.
Subordinate Construction Work Supervisors	CR 8(8)	A competent person to assist with daily supervision of construction work. The person assists the Construction Work Supervisor.
Health and Safety Officer	CR 8(5)	A competent Health and Safety officer in the control of all safety related aspects on site for the duration of the repair phase of this project.
Health & Safety	Section 17	A competent person(s) to inspect H&S in reference to plant, machinery and Health & Safety of persons in the workplace.
Health & Safety Committee Member(s)	Section 19	A competent person(s) representing the employer to assist with the on site Health & Safety matters.
Incident /Accident Investigator	GAR 8	A competent person(s) to investigate incidents/accidents on site and could be: <ul style="list-style-type: none"> • The employer • H&S Representative • Designated person • Members of the H&S Committee
Risk Assessment Co-ordinator	CR 9	A competent person(s) to co-ordinate all risk assessments on behalf of the Principal Contractor. The same applies to Contractors.
Fall Protection Plan Co-ordinator	CR 10	A competent person(s) to prepare & amend the fall protection plan.
First Aiders	GSR 3	A qualified person(s) to address all on site first aid cases.
Lifting Machine & Equipment inspector	DMR 18	A competent person(s) to inspect lifting machines, equipment & tackle.
Scaffolding Erector	CR 16.1	A competent person(s) to erect scaffolding



Scaffolding Inspector	CR 16.2	A competent person(s) to inspect scaffolding before use and every time after bad weather etc
Temporary Works	CR 12	A competent person(s) to inspect formwork & support work
Excavation Inspector	CR 13	A competent person(s) to inspect excavation work and ensure that approved safe working procedures, are followed at all times
Ladder Inspector	GSR 13A	A competent person(s) to inspect monthly and ensure they are safe for use, keeping monthly record
Stacking Supervisor	CR 28	A competent person(s) to supervise all stacking and storage operations
Demolition Supervisor	CR 14(1)	A competent person(s) to supervise all demolition work
Explosive Powered Tools Inspector/Supervisor	CR 21	A competent person(s) to inspect & clean the tool daily and controlling all operations thereof.
Temporary Electrical Installations Supervisor	CR 24	A competent person(s) to control all temporary electrical installations.
Construction vehicles and Mobile Plant Supervisor.	CR 23(1)(k)	A competent person to inspect vehicles and plant on a daily basis prior to use and record such finding in register.
Fire-Fighting Equipment Inspector	CR 29	A competent person(s) to inspect fire-fighting equipment with required training certificate.



OTHER REQUIREMENTS

ANNEXURE C

The Principal Contractor shall comply but not be limited to the following requirements: report on these to the Client at progress meetings or at least monthly whichever is sooner.

What	When	Output	Accepted by Client & date
Induction training	Every worker before he/she starts work.	Attendance registers	
Awareness Training (Tool Box Talks)	At least weekly	Attendance registers	
Health & Safety Reports	Monthly	Report covering: <ul style="list-style-type: none"> Incidents/accidents and investigations Non conformances by employees & External H&S audit reports 	
Emergency procedures	Ongoing evaluation of procedure	Table procedure in writing as well as tel. Numbers	
Risk assessment	Continuous	Documented risk assessment	
Safe work procedures	Drawn up before workers are exposed to new risks	Documented set of safe work procedures (method statements) updated and signed off.	
General Inspections	Weekly & daily	Report OHS Act compliance: <ul style="list-style-type: none"> Scaffolding Excavations Formwork & support work Explosive tools 	
General Inspections	Monthly	<ul style="list-style-type: none"> Fire-fighting equipment Portable electrical equipment Ladders Lifting equipment/slings 	
List of contractors	List to be updated weekly	Table list, number of workers and Company tel. Numbers	
Workmen's Compensation	Ongoing	Table a list of Contractors' Workman's Compensation proof of good standing	



Construction site rules & Section 37.2 Mandatory Agreement	Ongoing	Table a report of all signed up Mandatory's	
SARS-CoV-2 – Good Code of Practice reads with HBA	Ongoing	Prepare risk assessment and plan	

ANNEXURE D

Project/site Specific Requirements

The following is a list of activities and considerations that have been identified for the project and site and for which the Risk Assessment, Standard Working Procedures (SWP), management and control measures and Method Statements (where necessary) have to be developed by the Principal Contractor.

- Demolition work
- Brick work
- Concrete work
- Creating openings in walls
- Preparation of paint surfaces
- Painting of walls
- Working with cement products
- Dust
- Metal/Steel work
- Exposure to noise
- Establishment of site office
- Locating of existing services
- Loading and offloading of trucks
- Aggregate/sand and other material delivery
- Protection against dehydration and heat exhaustion
- Manual and mechanical handling
- Lifting and lowering operations.
- Use of Potable electrical Equipment
 - Angle grinder
 - Electric Drilling Machine
 - Skill Saw
- Use and storage of flammable liquids and other Hazardous substances
- Site works
- Excavations
- Electrical installation work
- Mechanical works
- Working in the vicinity of the public and staff of the client
- Working at heights
- Working with construction machinery and plant



- Persons working in close vicinity of construction machinery and plant.
- Hot works i.e. Welding, flame cutting etc.

NOTE:

The above list is by no means exhaustive and should not be limited to these activities but must cover all activities that forms part of the said construction work. Each activity must be split down to individual tasks and all associated hazards identified and listed in the risk assessment. This ensures that the critical tasks and subsequent critical hazards are not missed.

NB:-

Although some of the work related to health and safety work is mentioned /noted in certain measured items in the bill of quantities it is still the contractor's responsibility to allow in his tender price for all work related to health and safety and the requirements as per this Health and Safety Specification.



public works
& infrastructure

Department:
Public Works and Infrastructure
REPUBLIC OF SOUTH AFRICA

C4 Site Information

**CAPE TOWN : PARLIAMENTARY
PRECINCT : UPGRADING AND
RECONFIGURATION OF VARIOUS KITCHENS
INCLUDING REPLACEMENT OF EQUIPMENT
AND ASSOCIATED WORKS**

C4 :Site Information

The site is located within the Parliament Precinct, Parliament Street, Cape Town