FINISHES SCHEDULE	WALLS				GENERAL							SANITARY FITTINGS
	NORTH	SOUTH	EAST	WEST	FLOOR	SKIRTING	INTERNAL WINDOW CILL	EXTERNAL WINDOW SILL	CEILING	SPLASHBACK		
GENERAL WARD	k4	k4	k4	k4	h2	j2	g1	g2		k3,k5		m5, q2, q5, q14, q20, q22
LABOR WARD	k4	k4	k4	k4	h2	j2	g1	g2		k3,k5		m5, q2, q5, q14, q20, q22
NEO-NATAL WARD	k4	k4	k4	k4	h2	j2	g1	g2		k3,k5		m5, q2, q5, q14, q20, q22
HIGH CARE UNIT	k4	k4	k4	k4	h2	j2	g1	g2		k3,k5		m5, q2, q5, q14, q20, q22
INTENSIVE CARE UNIT (ICU)	k4	k4	k4	k4	h2	j2	g1	g2		k3,k5		m5, q2, q5, q14, q20, q22
KITCHEN					h8	j3						k4, k5, m17
OFFICE 1	k4	k4	k4	k4	h2	j2	g1	g2				q8, q18, q22, q28
OFFICE 2	k4	k4	k4	k4	h2	j2	g1	g2				q8, q18, q22, q28
OFFICE 3	k4	k4	k4	k4	h2	j2	g1	g2				q8, q18, q22, q28
OFFICE 4	k4	k4	k4	k4	h2	j2	g1	g2				q8, q18, q22, q28
OFFICE 5	k4	k4	k4	k4	h2	j2	g1	g2				q8, q18, q22, q28
STORE	k4	k4	k4	k4	h2	j2	g1	g2				q18, q22, q28
STORE ROOM	k4	k4	k4	k4	h2	j2	g1	g2				q18, q22, q28
MALE ABLUTIONS	k7	k7	k7	k7	h8		g1	g2				m9, m10, q1, q2, q5, q18, q28, q30
FEMALE ABLUTIONS	k7	k7	k7	k7	h8		g1	g2				m9, q1, q2, q5, q18, q28, q30
D/A	k7	k7	k7	k7	h8		g1	g2				m1, q1, q2, q5, q18, q28, q30
WAITING AREA	k1	k1	k1	k1	h2	j2						q10, q13, q18
CIRCULATION AREA	k1	k1	k1	k1	h2	j2						q10, q13, q18

The following descriptions / specifications are to be read in conjuntion with and work executed in accordance with ow 371 SPECIFICATION OF MATERIALS AND METHODS TO BE USED (as published by the dept of public works October 1993 Edition.)

A: GROUND FILLING;

a1 FILLING; Filling (excavating or imported) compacted in layers of 150mm to density of 90% Mod aasho.
a2 SOIL POISONING; Approved ant poison to be applied by a specialist. Registered firm to the bottom and sides of trenches, bases and in shallow furrows along sides of foundation walls, and to surfaces of ground filling under solid floor. A 10 year certificate of guarantee by the main contractor is to be issued in favour of the client.

B: FOUNDATIONS;

b1 STRIP FOUNDATION FOOTINGS; 230mm WALLS; 20 MPa Concrete foundations (300mm thick and in sizes as indicated on foundation plan) are to be cast in accordance with the general specification.
b2 STRIP FOUNDATION FOOTINGS; 115mm WALLS; 20 MPa Concrete foundations (200mm thick and in sizes as indicated on foundation plan) are to be cast in accordance with the general specification.

C: FLOOR CONSTRUCTION;

c1 SURFACE BED; 85mm 15MPa concrete surface bed
c2 WATERPROOFING MEMBRANE; Consol plastics SABS 250 um sheeting laid in strict accordance with the manufacturer`s specification (slabs).
c3 DAMP PROOF COURSE; Consol plastics SABS 375um DPC sheeting in appropriate strips laid in strict accordance with the manufacturer`s specification under all walls at slab level, and under all window cills.
c4 APRON; 15 MPa concrete apron as per detail cast in panels not exceeding 1500mm with expansion joints.
c5 PAVING; 60mm Zig- Zag standard grey interlocking paving blocks on 25mm thick river sand bed with sand and cement mixture swept into joints and hosed down including preparation of ground or filling
c6 KERBS; Mountable kerb (SABS 927)1000 x 150 x 150mm high with 150 x 150 x 300mm unreinforced concrete haunching at back of each joint including excavation, backfilling, etc.

D: WALL CONSTRUCTION AND LINTELS;

d1 BRICK FOUNDATION WALLS; 230mm - 440mm walls
d2 115mm WALLS; 110 x 75 x 220mm burnt clay plaster bricks
d3 230mm WALLS; 110 x 75 x 220mm burnt clay plaster bricks
d4 CONCRETE COPING; Concor 300mm wide x 1000 long
d5 BRICK COPING; Roller course
d6 PRECAST CONCRETE LINTEL; 110 x 75mm standard lintel
d7 CONCRETE BLOCKS ;228 x 228 x 105mm grille concrete blocks
d8 230mm WALLS; 2 rows of bricks built in stretsher course in darker colour bricks

E: ROOF CONSTRUCTION;

e1 ROOF CONSTRUCTION; All exposed timber and timber in brickwork is to be treated with Carbolineum.(2 x coats)
e2 ROOF SHEETING; 0.6mm Bronzebull roof sheeting
e3 TIMBER ROOF TRUSSES; Prefabricated Gangnail/hydronail or equal approved.SA Pine roof trusses with 17.5 degree slope
e4 BARGE AND FACIA BOARD; Standard Nutec barge and fascia board
e5 COVER FLASHING; 0,6mm sheetmetal flashing(600mm girth)
e6 FLASHING AND COVER FLASHING; 0,6mm sheet metal flashing

F: CEILING CONSTRUCTION;

f1 SUSPENDED CEILING PANELS; 600 x 600mm "MASONITE" fine fissured acoustic panel on grid T38 M + XT
f2 CORNICE; Gypsum 75mm standard cornice
f3 INSULATION; 50mm Glasswool ceiling insulation between purlins
f4 CORNICE; 19mm x 76mm meranti cornice fixed to wall
f5 FIBRE CEMENT CEILING; 4mm everite cladt in mainly 1200 x 2400mm panels to 38 x 38mm S.A pine branderings at 450mm centres in one direction. One universal undercoat two acrylic PVA. 50mm aerolite over
f6 CEILING PANEL; standard 1200 x 600mm vinyl faced gyprex ceiling tiles onto dorn exposed -T- hanger system as per ceiling plan.
f7 40mm Coolite fixed according to manufacture's spec. on top of purlins between beams to run parallel with roof.

G: WINDOW CILLS;

g1 INTERNAL; Nutec fibre cement window cills (15mm thick x 150mm wide) bedded in according to standard Everite fixing detail. Colour natural
g2 EXTERNAL;Brick on edge window cill bedded at an angle with 375 D.P.C Waterproof layer.

FINISHES

H: FLOOR;

h1 DIVIDING STRIPS; 25 x 3mm brass division strips are to be laid in screed to seperate different floor finishes and finished off with Aluminium cover strip fixed to floor. Brass strips are also to be laid at treshold at external door openings.
h2 VINYL TILES; semi - flexible vinyl floor tiles (300 x 300mm) laid using acrylic adhesive spread with a notched trowel. (notches to be 1.5 x 1.5 x 1.5mm at 4mm centres) at a rate of 6 square meters per litre on a previously prepared 30mm thick 1:4 cement screed sub-floor. All work to be done in strict accordance with the manufacturer`s specification. Colour as per Architect. (Allow for two colours to be used and laid with two border to Architect) and 2 x coats wax polish on floor
h3 GRANOLITHIC SCREED; 25mm thick steel floated tinted granolithic screed.
h4 300 x 300 x 10mm class 3 unglazed ceramic floor tiles fixed with adhesive and flush pointed with tinted waterproof jointing compound
h5 50mm thick screed steel trowel finish and painted with stoep paint.
h6 CARPET TILES; 500 x 500mm Nexus Berber point carpet tiles, code 920.
h7 CERAMIC TILE BORDER; 300x600x11.5mm thick ceramic tile laid parallel to wall on a smooth, even and dust free surface with an approved tile adhesive.
Name: (available from Architect on request)
Code:
Supplier:
Refer to detail plan for pattern
h8 CERAMIC TILE; 600x600x11.5mm thick ceramic tile laid at 90° to wall on a smooth, even and dust free surface with an approved tile adhesive.
Name: (available from Architect on request)
Code:
Supplier:
Refer to detail plan for pattern

J: SKIRTINGS;

j1 GRANOLITHIC; Coved granolithic screed, 75mm high with a Coved bottom and 6mm arris at the top.
j2 VINYL; MFE 16 Marley skirting glued to wall to manufacturers specification
j3 MERANTI SKIRTING; 70 x 20mm Meranti skirting and 19mm quardrant fixed to walls, sanded down and finished with 2 x coats polyurethane varnish (suede)
j4 300 x 300 x 10mm class 3 unglazed ceramic floor tiles cut in half as skirtings laid on a smooth, even and dust free surface with an approved tile adhesive.
j5 400 x 400 x 11.5mm thick ceramic border tile cut in half as skirtings laid on a smooth, even and dust free surface with an approved tile adhesive.

K: WALLS;

k1 CORNER PROTECTORS; 50 X 50 X 2mm Aluminium Angle section corner protectors 1500 long plugged and screwed to walls at 200mm centres.
k3 PLASTER AND PAINT; 12mm thick 1:5 cement plaster finished smooth with a steel trowel. Apply Polysplatter base coat with 2 x colour (dots) and glaze coat to manufacturer`s specification.in showers
k4 PLASTER AND PAINT; 12mm thick 1;5 cement plaster finished smooth with a steel trowel. Apply Plascon super acrylic paint (or equal approved) strictly in accordance with the manufacturer`s specification.
k5 PLASTER AND TILE;Lay 200 x 200mm glazed gloss white ceramic tiles as splasback above all whb`s (2 rows for the width of the fitting plus 300mm on both sides to detail layouts.
k6 FACE BRICK; Face brick walls in stretcher bond with square recessed joints.
k7 TILES; 200 X 600 X 5mm white ceramic tiles fixed with tile adhesive up window cill level

L: CEILINGS;

l1 PAINT ON CEILINGS; Apply Plascon super acrylic PVA in strict accordance with the manufacturers specification.
l2 TIMBER CEILING CORNICE; Apply Plascon super acrylic PVA in strict accordance with the manufacturers specification.
l3 CEILING CORNISH WOOD; 1 x Alkali resistant primer, and 1 x universal undercoat and two coats eggshell enamel paint
l4 600 x 600mm trap door

SANITARY AND GENERAL FITTINGS AND COMPONENTS;

M: SANITARY FITTINGS;

m1 PARAPLEGIC SUITE; Vail Protea floor mounted paraplegic suite (including HD double flap toilet seat). Vaal hibiscus whb bolted to wall with 32mm lagged CP bottle trap, waste outlet and plug. 32mm stainless steel side grab rail as supplied by Chairman Industries or equal and approved. 32mm stainless steel side grab rail around cistern as supplied by Chairman Industries or equal and approved.Carina handle stopcock.
m2 SINK; Single end 1200 x 457 Type 304 stainless steel sink. 1 x 15mm star sink mixer and 32mm cp waste & anti theft plug & white flexible reseal trap
m3 DRIP SINK; Drip sink 535 x 455 type 304 stainless steel. Mounted on brackets 600mm above uffl. 20mm cp hose bibtap fittings 1000mm above ffl, with 32mm cp waste and anti theft plug and white reseal trap.
m4 BABY BATH;Baby bath stainless steel size 1320 x 555mm with 150mm integral splasback and semi-circular bowl 680 x 365 x 155mm deep with 40mm CP waste outlet, fixed to 40 x 40mm square stainless steel gallow brackets and front legs with adjustable foot pieces with floor fixing flanges.with CP elbow action wall type medical mixer with bent connections and with swaneck swivel outlet.
m5 COMBINATION STAINLESS STEEL BEDPAN AND WASH-UP SINK; Size 1830 x 685 with Cobra FMI.000 flush valve and a 150mm splasback, complete with bedpan spray nozzle, water spray nozzle, elbow action valves mixer with over arm swivel outlet, single taphole mixer with extractable hand spray, with 40 x 40mm square stainless steel gallow brackets and front legs with adjustable foot pieces with floor fixing flanges.
m6 BEDPAN RACK; 915 x 560 x 260mm type 304 stainless steel fixed to wall to manufacturers spec .
m7 WHB`S; White vitreous 585 x 435mm medical wash hand basin fixed to wall with and including semi-conseated cast iron brackets, with 2 x Cobra 505-21 elbow action pillar taps (cp)
m8 WHB`S; White vitreous 560 x 405mm semi- reglangular wash hand basin fixed to wall on semi- concealed cast iron brackets with CP pillar type taps.
m9 WC; Vitreous china close coupled wc suite comprising pan, 9 litres cistern complete with flush lever and solid double flap heavy duty thermoplastic seat.stopcock .
m10 URINAL; 295 x 315 x 415 #7053 Vitreous china wall mounted urinal with 40mm cp, grating CP. Spreader and 2 x hanger brackets with flushmaster junior with tailpipe & 32mm dia. Cp bottle trap.
m11 BATH; 1700 x 830mm white enameled steel bath complete with one pair cp handles, 20mm dia. star bath mixer.CP bath waste & overflow, plug & chain & chain & deepseal bathtrap
m12 GEYSER; 200 litre horizontal geyser ceiling mounted to manufacturers specification complete with driptray, outlet etc.
m13 GEYSER; 150 litre horizontal geyser ceiling mounted to manufacturers specification complete with driptray, outlet etc.
m14 BEDPAN AND BOTTLE RACK; CMPa's complete with drip tray fixed to wall.
m15 535 x 535 SD101 type 304 s/s washtrough on wall fixing brackets mounted 900 from floor with 303/309 32mmCP waste and anti theft plug & white flexible reseal trap
m16 STAINLESS STEEL BUCKET; Standard stainless steel bucket
m17 SINK; Double end 1500 x 457 Type 304 stainless steel sink. 1 x 15 diameter star sink mixer and 32mm dia. cp waste & anti theft plug & white flexible reseal trap

O: SEPTIC TANKS;

o1 SEPTIC TANK; Septic tank 9710 x 3390 x 2701mm deep including all excavations, reinforced concrete surface beds and slabs, brickwork, covers and frames, to drawings.
o2 SEPTIC TANK; Septic tank 1700 x 1030 x 1020mm deep including all excavations, reinforced concrete surface beds and slabs, brickwork, covers and frames, to drawings.
o3 VIP PIT LATRINE; Pit latrine 3570 x 2990mm wide including bulk excavations 2500mm deep. reinforced concrete surface beds and slabs, brickwork, pedestals, roof covering, etc, complete.

Q: ARCHITECTTURAL FITTINGS;

q1 TOILET ROLL DISPENSER; Kimberly Clark SE2 anti theft toilet roll dispenser
q2 SOAP DISPENSER;Lever industrial liquid soap dispenser with elbow operated pump action.
q3 SOAP DISH; 150 x 150mm ceramic semi recessed soap dish.
q4 TOWEL RAIL; 300 X 20mm CP towel rail on type 182 brackets plugged & screwed to wall
q5 TOWEL RAIL; 600 X 20mm CP towel rail on type 162 brackets plugged & screwed to wall
q6 TOWEL RAIL; 900 X 20mm CP towel rail on type 162 brackets plugged & screwed to wall
q7 SHOWER CURTAIN RAIL; 900mm Shower curtain rail plugged and screwed to wall. Supply 1 x plastic curtain
q8 PINNING BOARDS; 1200 X 600mm high pinning board with needle punch pinning surface.
q9 PINNING BOARDS; 1200 X 1200mm high pinning board with needle punch pinning surface.
q10 PINNING BOARDS; 2000 X 1200mm high pinning board with needle punch pinning surface.
q11 WRITING BOARD; 1800 x 1200 white vitrified enamel finish writing board with alluminium chalk rail.
q12 FIRE HOSE REEL;30m fire hose reel complete with chromium plated stopcock, shut off nozzle and wall bracket.
q13 9 kg Dry chemical fire extinquisher.
q14 MIRROR; 450 x 600 mm high plate glass mirror with polished edges on backing paper screwed with 4 x capped screws to wall over whb.
q15 BATHROOM CABINET; 600 x 400mm Bathroom cabinet with plate glass mirror screwed to wall above whb.
q16 TOILET ROLL HOLDER; 150 x 150mm white ceramic semi-recessed toilet holder.
q17 FLOOR DRAIN;75mm dia. Stainless steel floor trap 125(y) NW 50 as supplied by rofo or equal cast iron floor drain. built flush with floor finish.
q18 SIGNAGE; names, pictograms & door numbers, silkscreened in colour twice countersunk screwed with chromium plated dome headed screws.
q19 CURTAIN RAILS; Pressed steel pelmet 150mm high with 100mm projection including brackets. returned ends. etc plugged.
q20 BEDSCREEN RAILS; double curtain track for soffit fixing including 12 rollers per metre, brackets, stopped ends etc. and standard bedscreen curtain of poly-cotton / nylon in lengths to suit rail.
q21 STEEL LOCKERS; 305 X 457 x 1752mm high steel locker bolted to brickwork or concrete, with four 6 x 75mm expansion bolts.
q22 VERTICAL BLINDS; 127mm wide non-fade material vertical blinds with a 6-7 light fast factor, complete with tracks, runners brackets, end caps, spacers, etc. to suit window openings. (Vrede Fabric manufectured by Vrede Textiles)
q23 WASHING LINE; Washing line consisting of two 50 x 50 x 5mm angle section brackets 1200mm long fixed to brickwork including three rows of 6mm diameter galvanised steel wire strings each maximum 3000mm long.
q24 JUNCTION BOXES; Catchpit 600 x 600mm with cast iron grid and frame built into slab with a dept of 500mm
q26 AIR CONDITIONER; Split unit 6000 btu air conditioner.
q26 WATER; Supply complete water tank stand, pump and bore hole with secure steel cover and lock.
q27a Supply automatic defy washing mashine and q27b - tumble dryer.
q28 AS hat and coat hook. plugged & screwed to wall.
q29 1.8m high palisade fencing with top and bottom rails, palings 2.5m long at 145mm centres cast in 600 x 600 600mm concrete blocks in ground and 200 x 150mm deep continuous ground beam. the fence with extra razor sharp wire at the top
q30 DISPENSER; Kimberly clark towel dispenser ; 426101
q31 Automatic extractor fan ceiling mounted connected to light switch
q32 OUTSIDE TAP ; standard 3/4 brass garden tap with galvanized standpipe cast in 300 x 300 x 200mm thick concrete bases

R: SHELVING;

r1 SHELVING; Shelco shelving wall bands 1830 / 450 with 455mm wide shelves with 380mm heavy duty wood brackets
r2 SHELVING; Shelco shelving 1830 / 450 uprights with 455mm shelves and 435mm basefoot and centre foot clip with 380mm heavy duty wood brackets
r3 SHELVING; Shelco shelving wall bands 1830 / 305 with 305mm shelves with 305mm heavy duty wood brackets

S: BUILT-IN-CUPBOARDS;

s1 Type CAFS frame 673 x 2553mm cupboard frame with steel hinges and semi-solid doors screwed to frame.
s2 Type CCFS frame 1943 x 2553mm cupboard frame with steel hinges and semi-solid doors screwed to frame.

No.	Date	Revisions

cad file name
REVIT 2020

K M S ARCHITECTS
100 MARSHALL STREET, KRUGER
OFFICE PARK, UNIT 7
Tel: (015) 590 0995
Email: admin@kmsarch.co.za
Website: www.kmsarch.co.za
POLOKWANE

Client
University of Venda
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service
PROPOSED NEW ADDITION TO EXISTING SIMULATION LABORATORY BUILDING AT THE UNIVERSITY OF VENDA

site
UNIVERSITY OF VENDA,123 OF FARM CHIBASE 213 - MT, THOHOYANDOU C

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FINISHING SCHEDULE

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