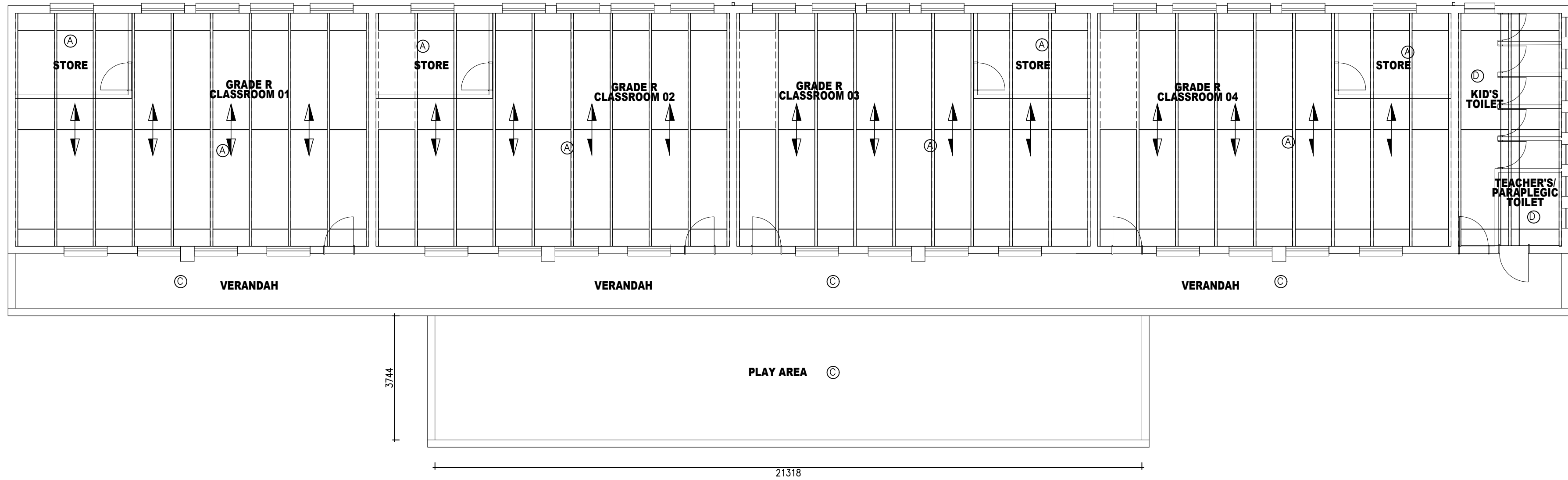


**KHANDISA PS: BLOCK B - FLOOR FINISH LAYOUT.**  
Scale 1: 100



**KHANDISA PS: BLOCK B - CEILING LAYOUT**  
Scale 1: 100

Legend:	
	Start point and Direction
A	3mm thick x 300mm x 300mm wide Floorflex semi-flexible vinyl floor tiles laid in Marley No.60 Plus acrylic adhesive spread with trowel having 1.5mm x 1.5mm x 1.5mm triangular notches at 4.00mm centres as per Architectural and Manufacturers specifications
B	Grano
C	Fire-light brick paving.
D	Epoxy Polyurethane floor paint.

Legend:	
	Start point and Direction
A	4.6mm Rhino Board ceilings fixed to 38x50mm bracing at max 400mm cc including 'H' jointing strips all to manufacturers instructions.
B	Concrete soffit, painted colour - white.
C	No Ceiling allowed.
D	4.6mm Nutece Ceiling Board fixed to 38x50mm bracing at max 400mm cc including 'H' jointing strips all to manufacturers instructions.

#### General Notes

Ridge Capping:  
AG150 G550 zincalume ridge capping with broad flute closures to suit roof profile

Roof Covering:  
Chromadek (10.5) corrugated 0.8mm thick ISQ230, Z275 spelter galvanised steel roof sheeting with chromadek finish to one side and protective primer coating on reverse side, colour to be dove grey, fixed to timber purlins (wind-load to be taken into account). Matching chromadek purpose made barge flashing on all gables to detail

Roof Membrane:  
One layer of 250 micron Consol Plastics Brikgrip DPC embossed damp proof course

Roof and wall Sasilation:  
"Sasilation 420" heavy industrial grade aluminium foil based Insulation

Rafters:  
114 x 38mm Timber roof rafters by specialist spaced @ max 1200cc. Size of timbers to be confirmed by eng. Pitch 8°

Paint to exposed Rafters:  
Two coats "ABE provonite" paint on exposed roof timbers and wall plates.

Internal purlins:  
Intermediate purlins at equal centres with ridge and end purlins as per roof manufacturer's spec. (wind-loading to be considered)

Ceilings: (Where Applicable)  
4.6mm Rhino boards ceilings fixed to 38x50mm bracing at max 400cc including 'H' profile jointing strips all to manufacturers instructions.

and  
4.6mm Nutece Ceiling Board fixed to 38x50mm bracing at max 400cc including 'H' profile jointing strips all to manufacturers instructions.

Air-bricks:  
2 Terracota Air-bricks

and  
4 Terracotta air-bricks spaced between trusses.

Barge Boards:  
fibre cement cement socketless barge boards, with not paint applied.

Windows:  
Galvanized steel windows to window schedule detail and specification.

Water Protection on Windows:  
One layer of 375 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhe

Gutters:  
Seamless 155 x 100 x 115mm aluminium ogee gutter with baked enamel finish fixed with concealed brackets - all to suppliers specification, with 100x75mm Pvc down pipes with 1 No. to discharge into water tanks and water channel.

RWD/PS:  
100x75mm PVC down pipes, 1 No. to discharge into water channels.

External Walls:  
30-40MPa Fineside Travertine Imperial FBA clay face brick and MAIZE TRAVERTINE FBX" (see Elevations), size 222 x 106 x 73mm, bedded and jointed in Class II mortar and pointed with recessed vertical and recessed horizontal joints, suitable for exposure zones 1-2.

Internal Walls:  
6-8mm please to all internal walls

Prepare surfaces and remove all loose material, apply one coat Wall and All Pure Acrylic' thinned 20% and one coat Wall and All Pure Acrylic' paint or equal and approved:

and

Prepare surfaces and remove all loose material, apply one coat 'Merit Plaster Primer' and two coats Double Velvet Pure Acrylic' paint or equal and approved:

and  
Face brick on edge lintel, above all wind. & doors.

and  
face brick on edge to external sills.

Steel Columns:  
100x100mm hollow galvanised steel column, to engineer's fixing details.

Floor Slabs:  
See civil engineering drawings.

Floor Membrane:  
Sikaflex-PRQ2HP polyurethane joint sealant filling to 6 x 30mm deep saw cut in top of concrete surface bed, including neatly pointing

Floor Finish:

Tiles -  
3mm thick x 300mm x 300mm wide Floorflex semi-flexible vinyl floor tiles laid in Marley No.60 Plus acrylic adhesive spread with trowel having 1.5mm x 1.5mm x 1.5mm triangular notches at 4.00mm centres as per Architectural and Manufacturers specifications

Wall Tiles:  
Paradiso Gris Ceramic Floor/ Wall 1st 350x350mm (2.0m2)

Skirting:  
19 x 76mm Skirtings with 19mm quadrant bead, plugged

Soft-board:  
10mm impregnated softboard between brickwork and concrete

Concrete Channels:  
In-situ concrete water channels to detail. (See Civil Drawings)

Sink:  
3x Citimetal" drop on sink and drainer size 1800 x 535mm one-piece-pressed single end bowl, fix to the wall including cutting one tap hole.

Tap:  
3x 15mm Pillar tap with colour coded for hot and cold star pattern code 111-15.

Paraplegic Grab Rails:  
Grab rail with manufactured from Grade 304 Stainless Steel, satin finish to prevent slipping, with diameter 31.8mm. Certified product. Includes screws and dowels.

Sanitary Fitting:  
Wash Hands Basin (WHB):- Sanitaryware ceramic fireclay 550 x 400mm rectangular "Springbok" basin with two tapholes, integrated overflow and chainstay hole.

**Note:** Please use bottle trap

SPECIFICATIONS  
Mass Volume Basin 14.00 kg 0.050 m³ Semi-concealed brackets 1.50 kg N/A (Code: PRODUCT CODE 7031)

DESCRIPTION  
Toilet Seat (WC):- Sanitaryware vitreous china "Klip" 104" outlet washdown pan with enlarged pedestal (code 751200) and matching 9 litre cistern (code 710531) complete with lid and fittings. Pan can also be used with a duct cistern (code 710935), a back inlet flush valve (FJ2.100 or equivalent), or a WISA concealed cistern.

SPECIFICATIONS  
Mass Volume Pan 13.00kg 0.070m³ Cistern 12.00kg 0.030m³ (PRODUCT CODE 751453)

WHB Tap:-  
"WALKER CROSWELLER" Pillar demand Tap.

SPECIFICATIONS  
Size: Ø15mm, Pressure: 30 kPa - 600 kPa, Action Hold open for water. DZR Brass, Potable quality water.

#### REVISION 01 NOTES:

- Ceiling omitted on Verandahs.

#### REVISIONS

	DATE	DESCRIPTION
0A	23/09/2019	FOR APPROVAL "ONLY".
0B	29/11/2019	"FOR APPROVAL ONLY"
0c	10/12/2019	"FOR APPROVAL ONLY"

#### CLIENT:



#### IMPLEMENTING AGENT:



#### PROFESSIONAL SERVICE PROVIDER:



#### PROJECT NAME INFORMATION ALTERATIONS AND ADDITIONS TO KHANDISA PRIMARY SCHOOL IN DLANGEZWA

#### SECTION / BLOCK BLOCK B - GRADE R FACILITY.

#### TITLE ARCHITECTURAL DRAWINGS/ LAYOUTS.

#### DRAWING DESCRIPTION CEILING & TILLING LAYOUT and SPECIFICATION.

SCALE	AS SHOWN		
DESIGNED NM	DATE DEC. 2019	SACAP No. PAT24750750	SIGN.:
DRAWN S.S	DATE DEC. 2019	SACAP No. PAT24750750	SIGN.:
APPROVED N.M	DATE DEC. 2019	DRAWN:	SIGN.:
DRAWING NUMBER: DBSA/BPP: Arch. - B-2019-01-005-0C			REVISION 0C
PREPARED BY: 			