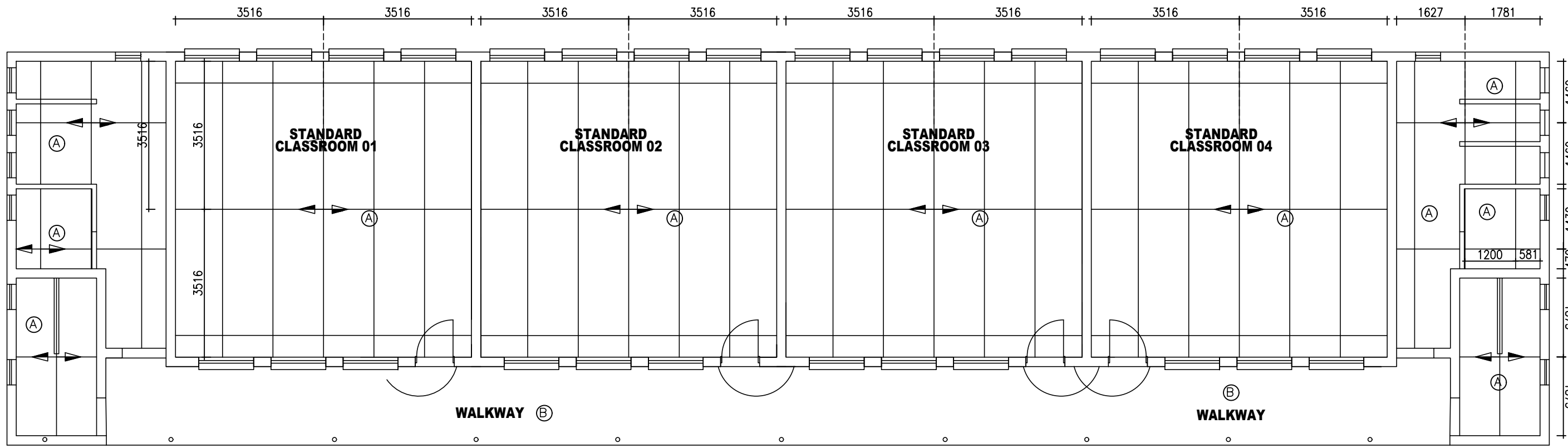


X4 CLASSROOM + ABLUTIONS: TILLING LAYOUT  
Scale 1: 100



X4 CLASSROOM + ABLUTIONS: 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	Epoxy Polyurethane floor paint.

Legend:	
	Start point and Direction
A	6.5mm Rhinoboard ceilings ixed to 38x50mm brandering t max 400cc including 'H' ie jointing strips all to manufacturers instructions.
B	No Ceiling

#### 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 ISO230, Z275 spelter galvanised steel roof sheeting with chromadek finish to one side and protective primer coating on reverse side, "SKY BLUE COLOUR", 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

**Trusses:**  
114x 38mm Timber roof rafters by specialist spaced @ min. 11.5mmcc. Size timbers to be confirmed by eng. Pitch 25°

**Paint to exposed Trusses :**  
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)**  
4.8mm Nutec ceiling ceilings fixed to 38x50mm brandering 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 socketless barge boards, with no paint.

**Windows:**  
Galvinised 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 100x75mm aluminium ogee gutter with baked enamel finish fixed with concealed brackets - all to suppliers specification.

**RWDPs:**  
100x75mm Aluminium rainwater pipes. 1 No. to discharge into water Channel.

**External Walls:**  
Face Brick 30-40MPa Fireside Travertine Imperial and, MAIZE TRAVERTINE FBX size 222x 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.

**Floor Slabs:**  
See civil engineering drawings.

**Floor Membrane:**  
Sikaflex-PRO2HP 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

**Kirtings:**  
19 x 76mm Skirtings with 19mm quadrant bead, plugged

**Softboard:**  
10mm impregnated softboard between brickwork and concrete

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

**White Board:**  
"Parrot" Magnetic Whiteboard (3000 x 1200mm)(White)

#### REVISIONS

	DATE	DESCRIPTION
0A	28 AUG. 22	ISSUED FOR TENDER

#### CLIENT:



#### IMPLEMENTING AGENT:



#### PRINCIPAL AGENT:



PROJECT NAME & CLIENT INFORMATION  
KZN-DOE/DBSA - STORM  
DAMAGED PROGRAMME.

SECTION / BLOCK  
EXHAPHOZINI PS - BLOCK C:  
X4 CLASSROOMS + TOILETS

TITLE  
GENERAL LAYOUTS &  
DETAILS

DRAWING DESCRIPTION  
SPECIFICATIONS, TILLING and  
CEILING LAYOUTS.

SCALE	AS SHOWN		
DESIGNED NM	DATE AUG. 2022	PrEng No.	SIGN.:
DRAWN NM	DATE AUG. 2022	SACAP NO.	SIGN.:
APPROVED NM	DATE AUG. 2022	DRAWN: NM	SIGN.:
DRAWING NUMBER: KZN.DoE/ DBSA-BPP-EPS-C-F&S-008-0A			REVISION 0A

#### PREPARED BY:



FOR TENDER "ONLY"