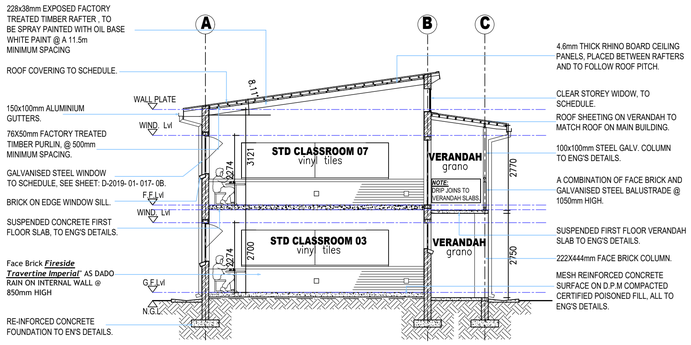
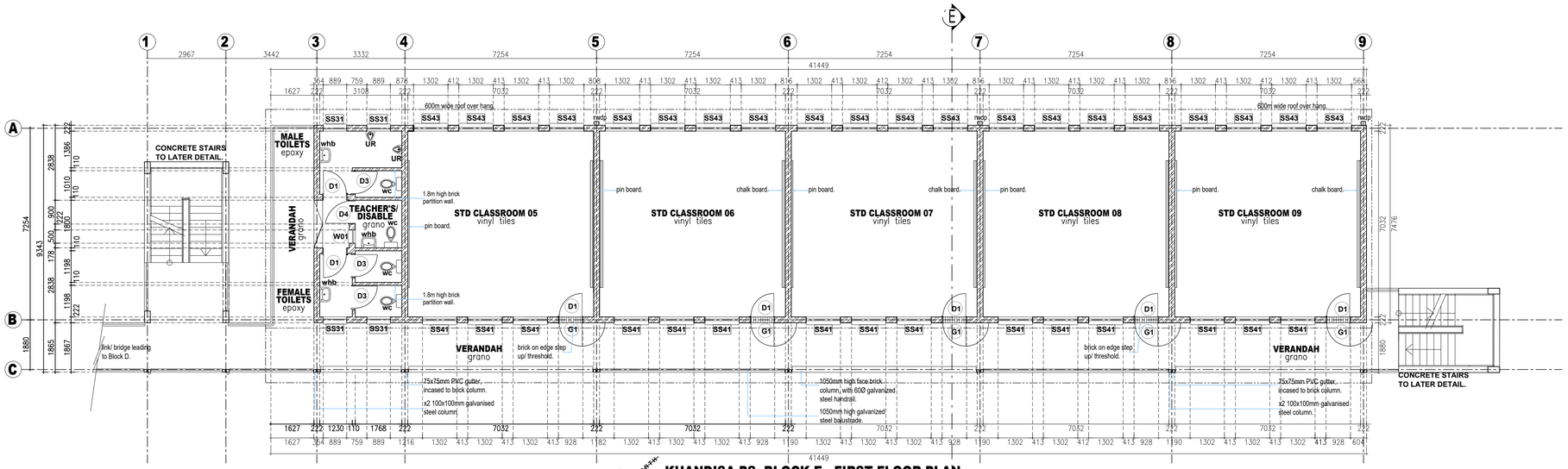
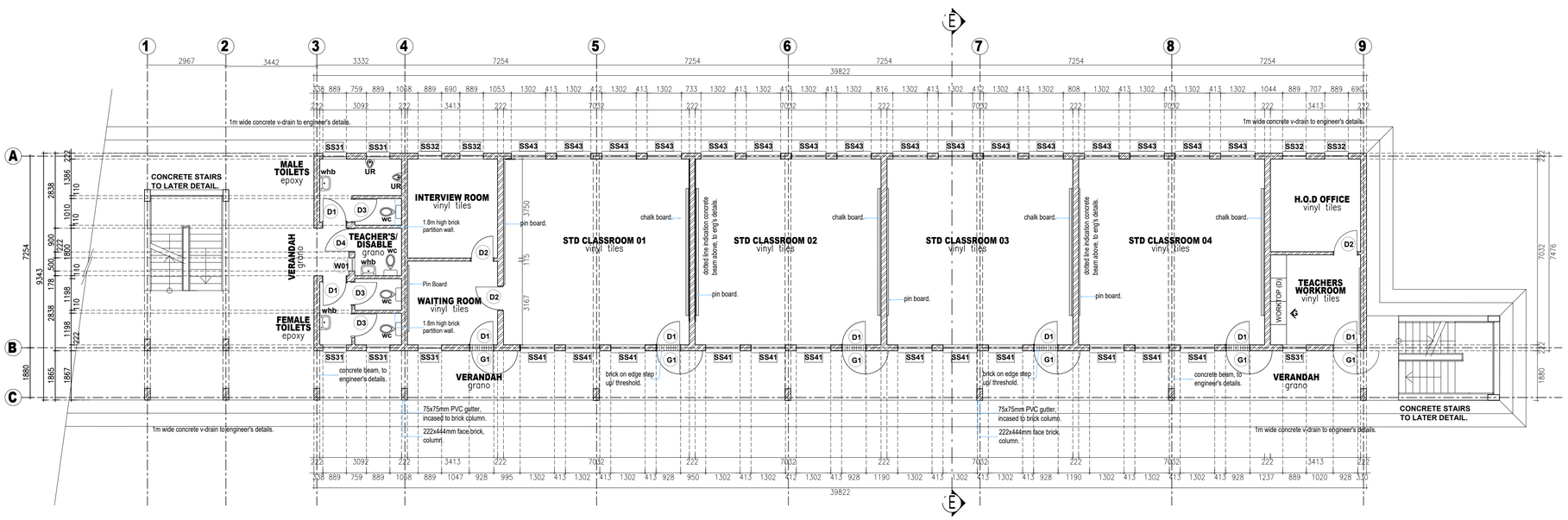


KHANDISA PS: SECTION E-E
Scale 1: 100



KHANDISA PS: BLOCK E - FIRST FLOOR PLAN
Scale 1: 100



KHANDISA PS: BLOCK E - GROUND FLOOR PLAN
Scale 1: 100

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 galvanized 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:
228 x 38mm Timber roof rafters by specialist spaced @ min 11.5m cc. Size of timbers to be confirmed by eng. Pitch 8°

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)
4.6mm Rhino-boards ceilings fixed to 38x50mm brandering at max 400cc including 'H' profile jointing strips all to manufacturers instructions.

and

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

Air Bricks:
2 Terracota Airb-ricks

and
4 Terracotta airb-ricks spaced between trusses.

Barge Boards:
Everite Nutec fibre cement socketless barge boards.

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 Ø80mm Pvc down pipes with 1 No. to discharge into water tanks and water channel.

RWDP's:
100x75mm PVC down pipes, 1 No. to discharge into water channel.

External Walls:
30-40MPa Fireside Travertine Imperial, and MAIZE TRAVERTINE FBX 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 Column:
100x100mm hollow galvanised steel column, to engineer's fixing details.

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

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

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

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

Wall Tiles (Toilets):
Johnson Matesse WT4 or equal approved 150 x 150x 6,mm Matt glazed white ceramic wall tiles, with6mm straight joints fixed with approved tile adhesive and grouted with approved tile grout

REVISION 01 NOTES:

1. ROOF COVERING ON FIRST FLOOR VERANDAH REVISED FROM CONCRETE COVERING TO SHEETING COVERING.

REVISIONS

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

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

SECTION / BLOCK
BLOCK E- STD CLASSROOMS, OFFICES and ABLUTIONS.

TITLE
ARCHITECTURAL DRAWINGS/ LAYOUTS.

DRAWING DESCRIPTION
GROUND, FIRST FLOOR, SECTION and SPECIFICATION.

SCALE	AS SHOWN		
DESIGNED	DATE	SACAP No.	SIGN.:
NM	DEC. 2019	PAT24750750	
DRAWN	DATE	SACAP No.	SIGN.:
S.S	DEC. 2019	PAT24750750	
APPROVED	DATE	DRAWN:	SIGN.:
N.M	DEC. 2019		

DRAWING NUMBER: DBSA/BPP: Arch.- D-2019- 01- 014- 0C
REVISION 0C

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