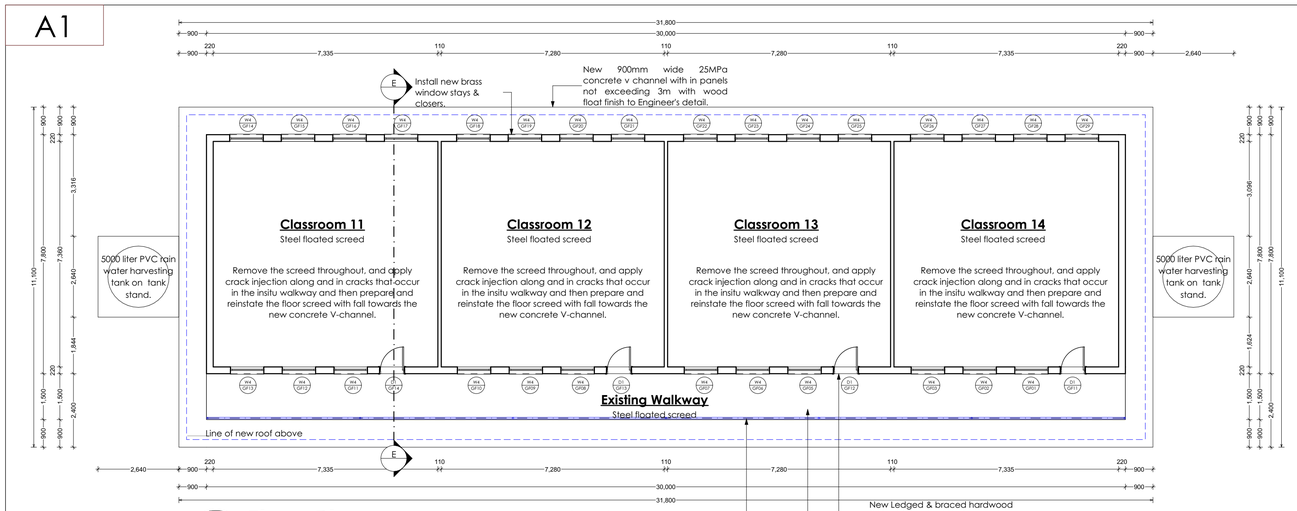
A1



Floor Plan

Scale 1:100

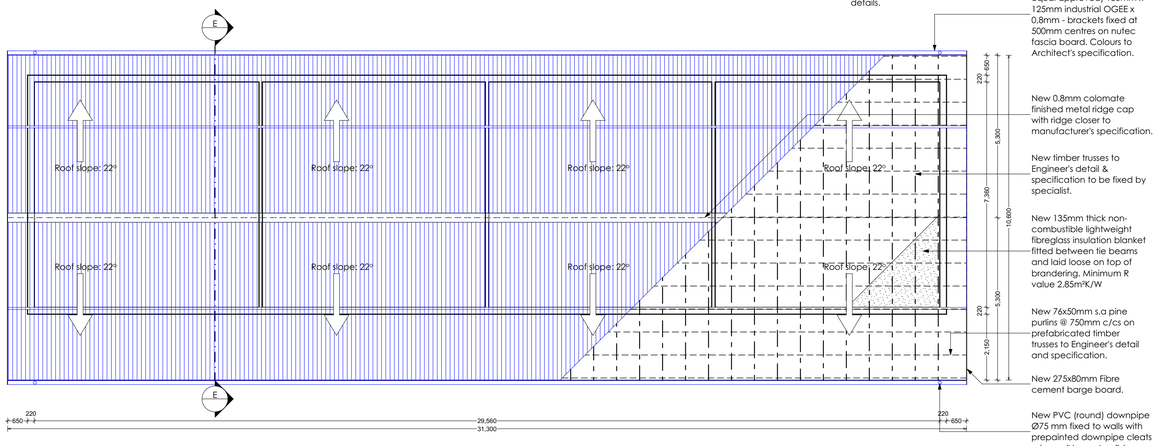
Block E : 4 Classrooms
Note : Refurbish building

New 50mm Ø galvanised steel balustrade post with 30mm Ø galvanised steel horizontal members spaced at 175 vertical intervals. Balustrade painted to architects detail.

New Ledged & braced hardwood timber doors varnished.
4 lever union lockset and stainless steel door handles.

Carefully remove existing screed, prepare surface to recieve new 40mm steel floated cement screed to eng. details.

New Watertite seamless aluminium guttering (or equal approved) 150mm x 125mm industrial OGEE x 0,8mm - brackets fixed at 500mm centres on nutec fascia board. Colours to Architect's specification.



New 0,8mm colomate finished metal ridge cap with ridge closer to manufacturer's specification.

New timber trusses to Engineer's detail & specification to be fixed by specialist.

New 135mm thick non-combustible lightweight fibreglass insulation blanket fitted between tie beams and laid loose on top of brandering. Minimum R value 2.85m²K/W

New 76x50mm s.a pine purlins @ 750mm c/cs on prefabricated timber trusses to Engineer's detail and specification.

New 275x80mm Fibre cement barge board.

New PVC (round) downpipe Ø75 mm fixed to walls with prepainted downpipe cleats using nail in anchor fixings.

Block E: Roof Plan

Scale 1:100

Carefully remove all damaged barge boards and remove from site, make all trades encountered. Provide and fix 12x225mm thick plain pressed fibre cement barge boards and make good all trades encountered.

Carefully remove existing screed, prepare surface to recieve new 40mm steel floated cement screed to eng. details.

New 50mm Ø galvanised steel balustrade post with 30mm Ø galvanised steel horizontal members spaced at 175 vertical intervals. Balustrade painted to architects detail.

New 900mm wide 25MPa concrete v channel with in panels not exceeding 3m with wood float finish to Engineer's detail.

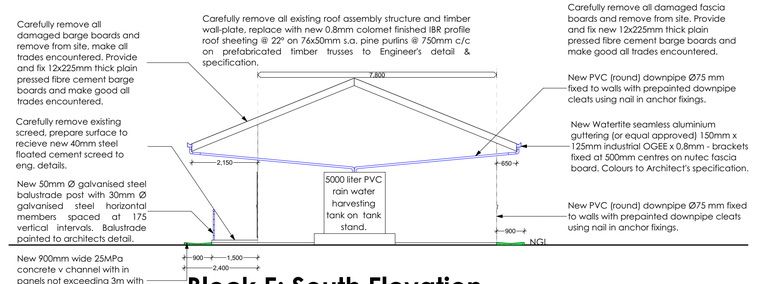
Carefully remove all existing roof assembly structure and timber wall-plate, replace with new 0.8mm colomet finished IBR profile roof sheeting @ 22° on 76x50mm s.a. pine purlins @ 750mm c/c on prefabricated timber trusses to Engineer's detail & specification.

Carefully remove all damaged fascia boards and remove from site. Provide and fix new 12x225mm thick plain pressed fibre cement barge boards and make good all trades encountered.

New PVC (round) downpipe Ø75 mm fixed to walls with prepainted downpipe cleats using nail in anchor fixings.

New Watertite seamless aluminium guttering (or equal approved) 150mm x 125mm industrial OGEE x 0,8mm - brackets fixed at 500mm centres on nutec fascia board. Colours to Architect's specification.

New PVC (round) downpipe Ø75 mm fixed to walls with prepainted downpipe cleats using nail in anchor fixings.



Block E: South Elevation

Scale 1:100

Carefully remove all damaged fascia boards and remove from site, Provide and fix new 12x225mm thick plain pressed fibre cement barge boards and make good all trades encountered.

Carefully remove all existing roof assembly structure and timber wall-plate, replace with new 0.8mm colomet finished IBR profile roof sheeting @ 22° on 76x50mm s.a. pine purlins @ 750mm c/c on prefabricated timber trusses to Engineer's detail & specification.

Carefully remove all damaged barge boards and remove from site, make all trades encountered. Provide and fix 12x225mm thick plain pressed fibre cement barge boards and make good all trades encountered.

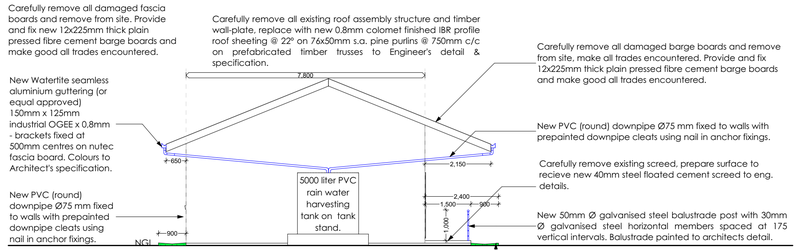
New Watertite seamless aluminium guttering (or equal approved) 150mm x 125mm industrial OGEE x 0,8mm - brackets fixed at 500mm centres on nutec fascia board. Colours to Architect's specification.

New PVC (round) downpipe Ø75 mm fixed to walls with prepainted downpipe cleats using nail in anchor fixings.

Carefully remove existing screed, prepare surface to recieve new 40mm steel floated cement screed to eng. details.

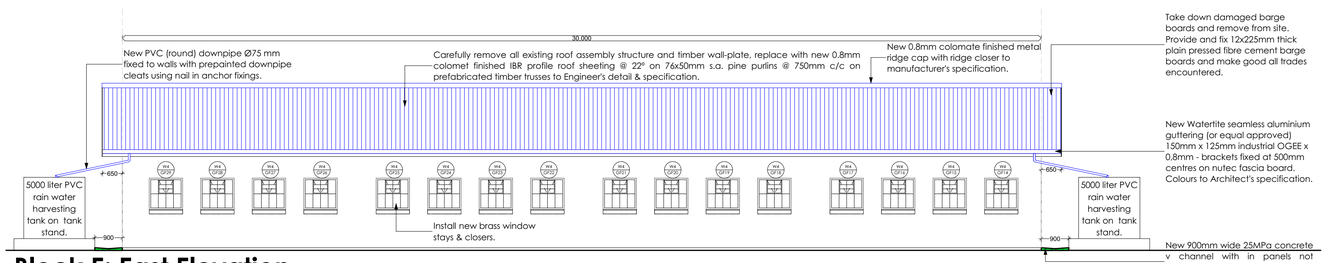
New 50mm Ø galvanised steel balustrade post with 30mm Ø galvanised steel horizontal members spaced at 175 vertical intervals. Balustrade painted to architects detail.

New 900mm wide 25MPa concrete v channel with in panels not exceeding 3m with wood float finish to Engineer's detail.



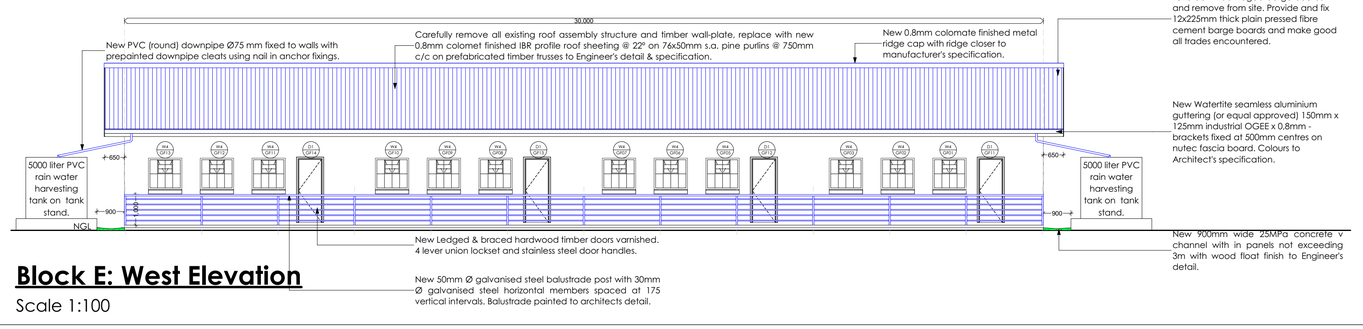
Block E: North Elevation

Scale 1:100



Block E: East Elevation

Scale 1:100

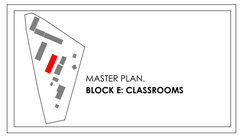


Block E: West Elevation

Scale 1:100

NO.	REVISION	DATE
00.	For information.	05.02.2023
01.	For Tender.	07.02.2023
02.	New Teachers Ablutions.	17.02.2023
03.	New Teachers Ablutions Revision.	23.03.2023

ISSUED FOR TENDER



MASTER PLAN.
BLOCK E: CLASSROOMS

PRINCIPAL AGENT / CIVIL / STRUCTURAL ENGINEER

MARISWE

No.7 Bush Shrike Close
Victoria Country Club Estate
170 Peter Brown Drive
Montrose,Pietermaritzburg
3201

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cell:maritzburg@mariswe.com

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S.AMBUMBU ASSOCIATED ARCHITECTS

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Pietermaritzburg
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Tel :033 342 5135
Fax :033 342 4989
email:admin@saarch.co.za

ARCHITECTURAL PROFESSIONAL SACAP NUMBER and signature :
S.SAMBUMBU SACAP 20725

QUANTITY SURVEYOR

LIWANI CONSULTING
quantity surveyors | construction cost consultants

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Pietermaritzburg
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Tel :033 342 4989
Fax :086 242 0378
cell:info@liwaniconsulting.co.za

3285

ELECTRICAL MECHANICAL

KARO SOLUTIONS

10 Boom Street
Pietermaritzburg
3200

Tel :0333424695
Fax :0865546496
email:info@karosolutions.co.za

THE ENGINEERING COUNCIL OF SOUTH AFRICA (ECSA)NUMBER and signature:

ASSOCIATED REFERENCE DRAWING

FIELD	DESCRIPTION	DRAWING NUMBER	REV.	DATE

KEY : A = ARCHITECT; C = CIVIL; S = STRUCTURAL; M = MECHANICAL; E = ELECTRICAL; L = LANDSCAPE

	SIGNATURE	DATE	SHEET SIZE A1
DESIGNED			SCALE AS SHOWN
DRAWN	LA		STATUS LEGEND I = INFORMATION FM = FOR MEASURE T = TENDER C = CONSTRUCTION AB = AS BUILT FA = FOR APPROVAL
VERIFIED	S.S	-	
VALIDATED	-	-	

CLIENT

education
Department: Education
PROVINCE OF KWAZULU-NATAL

IMPLEMENTED BY

DBSA
Development Bank of Southern Africa

PROJECT
Kwa-Zulu Natal Department of Education
Infrastructure Development and Maintenance Programme

PROVINCE: KZN PROVINCE ENTUMENI PRIMARY SHCOOL

DRAWING TITLE
Bicok E: Floor plan, roof plan, and Elevations.

TYPE OF INFRASTRUCTURE **STORM DAMAGE**

EMIS NUMBER	DISCIPLINE	DRAWING NUMBER	STATUS	REVISION
500138602	ARCH	A 1005	T	03.