

GENERAL NOTES:

- All dimensions to be checked before work commences. Architect to be notified immediately of any discrepancies, errors, omissions, etc.
- Only figured dimensions to be taken; drawings are not to be scaled. All dimensions in mm unless otherwise stated.
- All levels to be checked on site before any work commences.
- All reinforced concrete work to be strictly in accordance with structural engineers detail and specification.
- Damp proof course to comply with S.A.N.S. 10-400 requirements.
- All walls to be reinforced with two courses bricks/corice at cell and wall plate levels.
- Waterproofing to be of the highest standard throughout.
- The contractor is responsible for the correct setting out of all works, particularly boundaries, building lines, servitudes, etc.
- All work to be executed in strict accordance with S.A.N.S. 10-400 and LOCAL AUTHORITY BY-LAWS.
- All materials to be used in strict accordance with manufacturers specification.
- Self pointing to be used under all new concrete work and new water tank stands.
- Screed to be applied as directed, to Engineers detail.
- Polystyrenes to be installed as indicated in drawings, and to be confirmed on site.
- Roof element sizes and specifications as per drawings and to be confirmed on site. (Purins, rafters, roof sheeting, fascia, barge board bracing, ceilings, drop doors and cornices).
- Fixing to be to existing existing or new applicable.
- Removal of asbestos to be in strict accordance with The Department of Labour and OHS regulations and procedures.
- Self Pointing to be applied where specified, for all new work and existing where applicable, to manufacturer's specification and to Engineers detail.

NOTE:

ALL STRUCTURAL, CIVIL AND ELECTRICAL WORKS for professional Engineers detail.

ALL STRUCTURAL, CIVIL & ELECTRICAL ENGINEERS details to take preference over structural, civil & electrical details indicated on this drawing.

GENERAL SPECIFICATION /CONSTRUCTION NOTES:

ROOF:

All roofs are to comply with Part 1 of the S.A.N.S. 10-400.

0.53mm thick, Aluminium-Zinc (A2150) profile 'colorcoat' roof sheeting or other approved finish to both sides, (Colour on top to be confirmed and factory standard grey to underside), or similar approved. Sheets to be fixed to every purlin using appropriate self-drilling tapping screws. At the ridge and eave purlins, fixing to be at every crown. Purlins spaced as per manufacturers specifications, on engineered timber trusses (or existing).

Holes in sheets to be drilled not punched. Sheets are to be fixed to 76 x 50mm purlins spaced at max. 1100mm (to manufacturers specification as per sheeting requirements) on engineered timber trusses (trusses and purlins to be replaced where specified and sizes may vary).

OR

0.53mm thick, Aluminium-Zinc Corrugated (A2150) profile 'colorcoat' roof sheeting or other approved finish to both sides, (Colour on top to be confirmed and factory standard grey to underside), or similar approved. Sheets to be fixed to every purlin using appropriate self-drilling tapping screws. At the ridge and eave purlins, fixing to be at every crown. Purlins spaced as per manufacturers specifications, on engineered timber trusses (or existing).

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General notes:

Roof sheeting to be installed in strict accordance with manufacturers specification. All sheeting to be handled with care, no scratched or damaged sheeting shall be installed. All scratched or damaged sheets to be removed off site immediately. Sheetings to be installed by manufacturer approved installer. Manufacturer to inspect sheeting after installation and supply certification.

Roof trusses to be tied down to walls with 30mm x 1.6mm thick and 1.6m long galvanised hoop iron straps built into brickwork as per S.A.N.S. 10-400 requirements prior to erection of trusses. Reflective foil insulation not to extend into eaves. Reflective foil insulation to be installed in strict accordance with structural engineers specification and to be confirmed on site.

Horizontal clips to be used at all purlin/truss nodes, and to be doubled at eave and ridge purlins (diagonally), as directed on site.

Polyurethane (polyurethane) or similar approved to be installed at the ridge and eaves. Where a portion of sheeting is being replaced, or the ridge is being installed or replaced polyurethane clips are to be added at the ridge only.

Graduated closure or similar approved to be installed for all ridge and Kiklop roof sheeting at the ridge, profile, colour and material to be to match the roof sheeting.

Flexible wax and resin impregnated polyethylene foam to be installed at the ridge when installing ridge cap (Corrugated roof sheeting) and/or graduated closure and ridge cap (IBR and Kiklop roof sheeting).

Head pitch to match existing and be confirmed on site.

All exposed timber to be painted with carbolineum, painting to be completed prior to installation.

Appropriate ridge cap to be installed as per roof sheeting specification. Colour to match roof sheeting.

14 x 30mm timber rafters to be installed, at every alternative truss for the full length on both sides of the eave (fascia board support) as well as both gable ends (barge board support).

IBR (A2150) profile 'colorcoat' roof sheeting or other approved finish to both sides, (Colour on top to be confirmed and factory standard grey to underside), or similar approved. Sheets to be fixed to every purlin using appropriate self-drilling tapping screws. At the ridge and eave purlins, fixing to be at every crown. Purlins spaced as per manufacturers specifications, on engineered timber trusses (or existing).

Roof sheeting as specified above or similar approved.

Roof Screws:

Timber application with IBR sheeting: 12x65 timberfix hex head washer flange EPDM seal.

New roofs to use these screws with the weather (28mm) supplied by the supplier, existing roofs to use the bevelled metal rubber washer.

Gutter bolts to be added where there are excessive holes, that are not fitting holes, to be directed into site.

A200 re-enforced aluminium foil tape to be added on the underside and on top of isolation where sheets overlaps on both sides

AIR-BRICKS:

220 x 125mm Terra cotta ventm proof air-bricks, or similar approved built into brick barge fill. Install as specified on drawings, or similar approved.

BARGE BOARD:

Fibre cement 225mm x 10mm fascia boards, joined together with 225mm x 10mm Plastic H-Profile Fascia Joiners. Fix 76 x 50mm timber batten under eave of purlins down to barge board fixing. Fix top and bottom batten to inner batten with hot-dipped galvanised screws and washers. 200 x 100mm aluminium flashing fixed to them as above or similar approved. Where specified and to be confirmed on site. Item as above or similar approved.

FASCIA BOARD:

Medium density fibre cement 225 x 10mm x grooved fascia board, or similar approved with H-profile plastic fascia joiners. Drill for and for hot-dipped galvanised drive screws and washers. Item as above or similar approved. Where specified and to be confirmed on site. Item as above or similar approved.

PREPARE AND PAINT BARGE & FASCIA BOARDS WITH UNIVERSAL ENAMEL AS DESCRIBED BELOW:

SURFACE PREPARATION:

Ensure that substrates as well as primed and undercoated surfaces are clean, sound and free from loose material.

NEW WORK:

Prime with PLASTER PRIMER or MULTI-SURFACE PRIMER. Apply liberally in order to obtain an unbroken barrier coat to seal surface properly.

FILLING: Fill defects with a good wall crack filler.

UNDERCOAT: To all surfaces prepared and primed as above, apply a coat of UNIVERSAL UNDERCOAT.

APPLICATION:

Apply one or more coats to achieve complete obliteration. Colour to Architects choice.

GUTTERS:

150 x 100mm seamless aluminium gutter with closers and drop box. Gutters to be adequately supported and fixed to building with 30mm x 1.6mm thick and 1.6m long galvanised hoop iron straps, to match existing.

Roof Pitch @ +14°

All existing ridging to be removed and replaced with new to match new roof sheeting. New polyurethane to be installed as per specification. Existing S-Purline sheeting to be removed and replaced with new 0.53mm thick, Aluminium-Zinc BR (A2150) profile 'colorcoat' roof sheeting or other approved finish to both sides. (Colour on top to be confirmed and factory standard grey to underside), or similar approved. Sheets to be fixed to every purlin using appropriate self-drilling tapping screws. At the ridge and eave purlins, fixing to be at every crown. Purlins spaced as per manufacturers specifications, on engineered timber trusses (or existing). Holes in sheets to be drilled not punched. Sheets are to be fixed to 76 x 50mm purlins spaced at max. 1100mm (to manufacturers specification as per sheeting requirements) on engineered timber trusses (trusses and purlins to be replaced where specified and sizes may vary). Remove all existing Timber Purlins and replace with new New timber purlins to be fixed on new trusses. Existing trusses to be removed and replaced with new. Existing gutters to be removed and New 150mm x 150mm seamless aluminium gutter with end closer and Drop Box 100 x 75mm seamless aluminium down pipes to be installed. Gutter and downpipes to be adequately supported and fixed to building. Reflective foil insulation underlay over truss and under purlins on training tape. Situation not to extend into eaves. Draw down wires to be added to isolation.

Remove Ex. Barge and New fibre cement 225mm x 10 Fascia Boards installed as replacement to Fibre Cement Barge Boards. New 200 x 100mm Aluminium Flashing installed over 225mm x 10 Fascia Boards and secured to sheathing by screws.

External wall cracks to be patched and repaired.

Existing external paint to be removed, wall to be adequately prepared, primed and painted, colour to be confirmed on site.

New water tank plinth to be constructed. New 2500 litre polyethylene water tank to be installed on plinth as directed on site. Water tank plinth to Engineer's detail. Tank to include ball valve top and overflow pipe inclusive of all bends and fittings to be installed and to be directed into v-drain.

Existing fascia board to be removed and new fibre cement fascia board to be installed on both eave ends, as per specification.

External wall cracks to be patched and repaired.

Existing external paint to be removed, wall to be adequately prepared, primed and painted, colour to be confirmed on site.

New water tank plinth to be constructed. New 2500 litre polyethylene water tank to be installed on plinth as directed on site. Water tank plinth to Engineer's detail. Tank to include ball valve top and overflow pipe inclusive of all bends and fittings to be installed and to be directed into v-drain.

DOWN-PIPES:

150 x 75mm seamless aluminium down-pipes. Down-pipe to be adequately fixed to wall. Shoes to be provided to both ends of down-pipes.

Or otherwise stated on drawings, to match existing.

CEILING:

150mm thick fibre cement plain boards, fixed to 38 x 55 up eave timber bracing at max. 600mm centres with timber cross strips at pins. Cross bracing to be fixed at 150mm centres at joints, ends of sheets, cornices and light fittings. All nail heads to be stopped & sanded level and fixed to trusses at max. 1400mm centres. Cornices to be fixed to eave cement, gullied to ceiling board and wall with a good adhesive. Ceiling and cornice to be prepared adequately and painted 2 coats Super Acrylic Polym matt WHITE paint. Items as above or similar approved.

CEILING TRAP DOORS:

Provide 1 x 800 x 800mm fibre cement trap door. Item indicated on drawings and position to be confirmed on site.

WALLS:

All walls are to comply with Part 1 of the S.A.N.S. 10-400.

New walls or mill walls to match existing. Work to be constructed as per construction standards, to be indicated by responsible individual as required.

All bonding and/or relating walls to Structural Engineers detail.

P.C. tiles to be installed over all new openings where walls to be plastered and painted.

Internal wall cracks to be repaired/Patch and repair internal wall plaster in all rooms in portions as directed on site.

Existing internal paint in all rooms to be removed, wall to be adequately prepared, primed and painted, colour to be confirmed on site.

New step to be constructed over v-drain as per Engineer's detail.

New v-drain to be installed, to Engineer's detail.

New foundation to Engineer's detail.

Existing surface bed.

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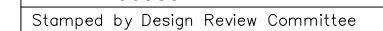
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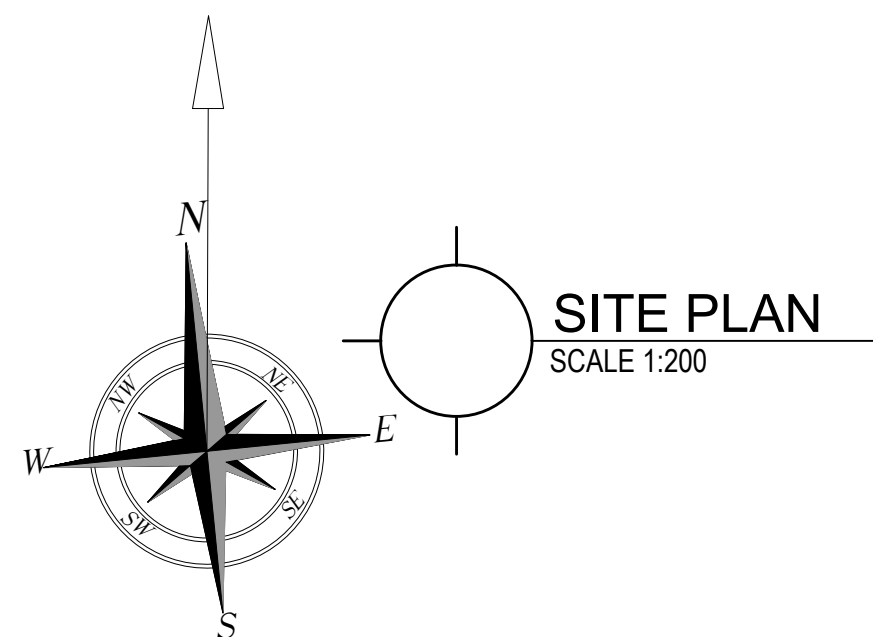
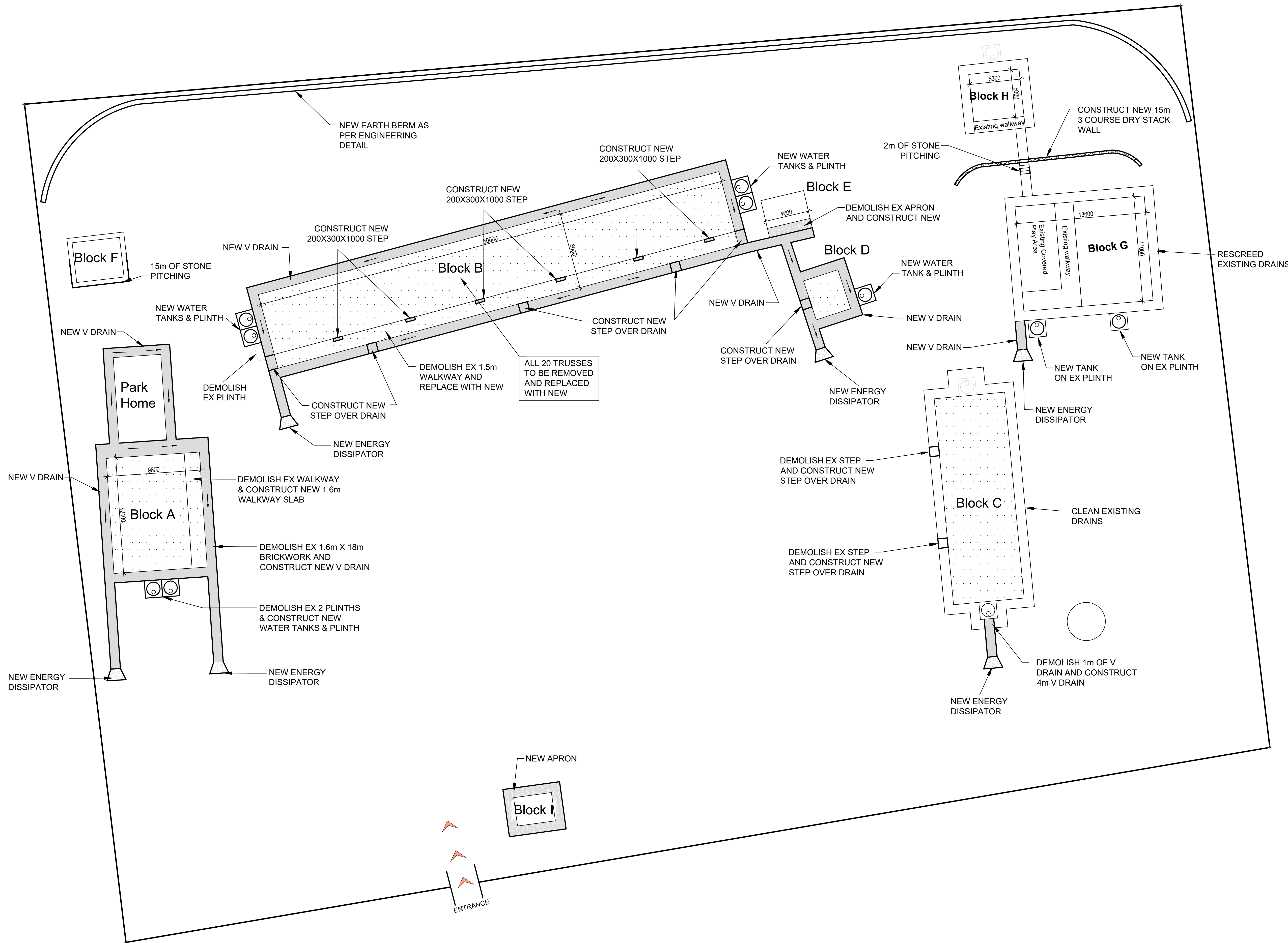
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REV	DATE	DESCRIPTION
GENERAL		
1. ALL WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND PROJECT SPECIFICATIONS IN THE CONTRACT DOCUMENTATION. THE CONTRACTOR SHALL ENSURE THAT WATERPROOFING MATERIAL IS NOT DAMAGED DURING BACKFILLING OPERATIONS AND FIXING OF STEEL REINFORCEMENT.		
2. REPLACING OF MATERIAL DUE TO DAMAGE FOR CONSTRUCTION COST.		
FOUNDATIONS AND EARTHWORKS		
1. ALL EARTHWORKS SHALL BE IN ACCORDANCE WITH SANS 1200 D INCLUDING THE LATEST REVISIONS.		
2. NO EXCAVATION MUST BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE PLACING OF ANY CONCRETE FOUNDATION, BUILDING WATERPROOFING OR GEOBARIC MEMBRANE.		
3. OVER EXCAVATION SHALL BE CAST ON NON-ENGINEERED FILL OR BACKFILL MATERIAL. PORTIONS THAT ARE NOT EXCAVATED BEYOND THE DEPTH REQUIRED BY THE GEO TECHNICAL / RESIDENT ENGINEER, TO BE FILLED WITH MASS CONCRETE (20MPa + 15mm) AT THE CONTRACTOR'S EXPENSE.		
BRICKWORK & BLOCKWORK:		
1. ALL BRICKWORK, BLOCKWORK, ANCHORS, WALL TIES AND STAIRS SHALL BE IN ACCORDANCE WITH SANS 5400 - 1990 AND SANS 5194 - 1980 INCLUDING THE LATEST REVISIONS.		
2. THE MINIMUM CRUSHING STRENGTH OF ALL LOAD BEARING BRICKWORK SHALL BE 14 MPa.		
3. THE MINIMUM CRUSHING STRENGTH OF MORTAR SHALL BE 8 MPa FOR CLASS II MORTAR IN ACCORDANCE WITH SANS 5400-1990 PART 1, 1980.		
4. LOAD BEARING BRICKWORK SHALL BE REINFORCED WITH STEEL REINFORCEMENT BARS (R10) IN ALL WALLS UNLESS OTHERWISE SPECIFIED ON DRAWINGS.		
5. THE CONCRECTOR MUST COORDINATE ALL SERVICES DRAINAGE FOR DETAILS AND POSITIONS OF OPENINGS WITH THE ENGINEER, AS WELL AS OVER DOOR AND WINDOW OPENINGS (MIN. LAPS = 300mm).		
6. JOINTS ARE TO BE MADE THROUGH PLASTERWORK WHERE BRICKWORK / IS BLOCKWORK AND CONCRETE JOINTS.		
CONCRETE:		
1. CONCRETE GRADES		
2. FINISHED CONCRETE = 30 MPa/19mm		
MASS CONCRETE = 20 MPa/19mm		
SURFACE BEDS = 15 MPa/19mm		
20 X 20 CM SLABS ARE TO BE PROVIDED ON ALL EXPOSED EDGES TO REINFORCEMENT.		
COVER TO REINFORCEMENT:		
1. ROOF & FLOOR SLABS 25mm		
FOUNDATION BASES 50mm		
4. ALL CONCRETE WORK MUST COMPLY WITH THE REQUIREMENTS OF SANS 2001-C21.		
5. CONCRETE TOLERANCE IN GENERAL SHALL BE OF THE ORDER OF ACCURACY NO. 1 AS SPECIFIED IN SANS 2001-C21.		
6. THE CONCRECTOR MUST COORDINATE ALL SERVICES DRAINAGE FOR DETAILS AND POSITIONS OF OPENINGS WITH THE ENGINEER, AS WELL AS OVER DOOR AND WINDOW OPENINGS (MIN. LAPS = 300mm).		
7. JOINTS ARE TO BE MADE THROUGH PLASTERWORK WHERE BRICKWORK / IS BLOCKWORK AND CONCRETE JOINTS.		
1. PROVIDE 12mm ISOLATION JOINTS (I.J.) AROUND ALL CONCRETE COLUMNS AND AGAINST BRICK WALLS. AFTER CONCRETE HAS SET, JOINTS TO BE RAKED 10mm DEEP AND SEALED WITH APPROVED JOINT SEALANT IN ACCORDANCE TO SUPPLIER DETAILS.		
2. SAW CUT JOINTS TO BE DONE AS SPOON JOINTS.		
3. STOPPING TIMES FOR SHUTTERING AND PROPPING SHALL BE DISCUSSED IN ADVANCE WITH THE ENGINEER.		
4. STOPPING TIMES OF SHUTTERING AND PROPPING SHALL BE IN ACCORDANCE WITH SANS 2001-C21.		
5. CONCRETE MIX DESIGNS FOR ALL GRADES OF CONCRETE INCLUDING SCREED MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACING OF ANY CONCRETE.		
6. COLD CONSTRUCTION JOINTS: MAIN AGGREGATE NOT EXPOSED, CLEANED AND THOROUGHLY WETTED BEFORE CASTING OF NEW CONCRETE. NO CEMENT GROUTING SHALL BE USED. LOCATION OF JOINTS TO BE APPROVED BY THE ENGINEER IF DEVIATED FROM THE DRAWINGS.		
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1. PROVIDE 12mm ISOLATION JOINTS (I.J.) AROUND ALL CONCRETE COLUMNS AND AGAINST BRICK WALLS. AFTER CONCRETE HAS SET, JOINTS TO BE RAKED 10mm DEEP AND SEALED WITH APPROVED JOINT SEALANT IN ACCORDANCE TO SUPPLIER DETAILS.		
2. SAW CUT JOINTS TO BE DONE AS SPOON JOINTS.		
3. STOPPING TIMES FOR SHUTTERING AND PROPPING SHALL BE DISCUSSED IN ADVANCE WITH THE ENGINEER.		
4		

BUILDING NO.	DESCRIPTION
A	Classroom Block (12.1m x 9.8m)
B	Classroom Block (50m x 8m)
C	Classroom Block (21.7m x 7.4m)
D	Store Room (4.3m x 3.8m)
E	Kitchen (4.6m x 3m)
F	Ablution Block (6m x 5.2m)
G	ECD Classroom Block (15.2m x 11.8m)
H	ECD Ablution Block (4.3m x 3.8m)
I	Guard house (4m x 3m)



REV	DATE	DESCRIPTION
GENERAL		
1. ALL WORK SHALL BE EXECUTED IN STRICT ACCORDANCE WITH SANS 2001-CC1 AND THE PROJECT SPECIFICATIONS IN THE CONTRACT DOCUMENTATION.		
2. THE CONTRACTOR SHALL ENSURE THAT WATERPROOFING MATERIALS ARE NOT DAMAGED DURING BACKFILLING OPERATIONS AND TANKS OF STEEL SHALL BE REPLACED OF MATERIAL DUE TO DAMAGE FOR CONTRACTORS COST.		
FOUNDATIONS AND EARTHWORKS		
1. ALL EARTHWORKS SHALL BE IN ACCORDANCE WITH SANS 1200 D INCLUDING THE LATEST REVISIONS.		
2. ALL EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE PLACING OF ANY CONCRETE FOUNDATION. BUILDING WATERPROOFING ON GEOTEXTILIC MEMBRANE.		
3. NO FOUNDATION SHALL BE CAST ON NON-ENGINEERED FILL OR BACKFILL MATERIAL PORTIONS THAT ARE OVER EXCAVATED BEYOND THE DEPTH REQUIRED BY THE GEOTECHNICAL / RESIDENT ENGINEER. TO BE FILLED WITH MASS CONCRETE (20MPa / 19mm) AT THE CONTRACTORS EXPENSE.		
BRICKWORK & BLOCKWORK:		
1. ALL BRICKWORK, BLOCKWORK, ANCHORS, WALL TIES AND STRAPS SHALL BE IN ACCORDANCE WITH SANS 0400 - 1980 AND SANS 0164 - 1980 INCLUDING THE LATEST REVISIONS.		
2. THE MINIMUM CRUSHING STRENGTH OF ALL LOAD BEARING BRICKWORK SHALL BE 14 MPa.		
3. THE MINIMUM CRUSHING STRENGTH OF MORTAR SHALL BE AS FOR CLASS II MORTAR IN ACCORDANCE WITH TABLE 1 SANS 0164 PART 1 - 1980.		
4. LOAD BEARING BRICKWORK SHALL BE REINFORCED WITH AN APPROVED BRICKFORCE EVERY FOURTH LAYER UNLESS OTHERWISE SPECIFIED ON DRAWINGS.		
5. IN ADDITION, BRICKFORCE IS REQUIRED IN EVERY LAYER FOR THE FIRST FOUR LAYERS ON TOP OF THE FOUNDATIONS & SLABS AS WELL AS OVER DOOR AND WINDOW OPENINGS (MIN LAPS = 300mm).		
6. ALL BRICK ANCHORS, WALL TIES AND STRAPS SHALL BE HOT DIP GALVANIZED.		
7. V-JOINTS ARE TO BE MADE THROUGH PLASTERWORK WHERE BRICKWORK / BLOCKWORK AND CONCRETE JOIN.		
CONCRETE:		
1. CONCRETE GRADES:		
REINFORCED CONCRETE = 30 MPa/19mm		
MASS CONCRETE = 20 MPa/19mm		
BLINDING = 15 MPa/19mm		
SURFACE BEDS = 30 MPa/19mm		
2. 20 X 20 CHAMFER TO BE PROVIDED ON ALL EXPOSED EDGES		
3. COVER TO REINFORCEMENT:		
ROOF & FLOOR SLABS = 25mm		
FOUNDATION BASES = 50mm		
4. ALL CONCRETE WORK SHALL COMPLY WITH THE REQUIREMENTS OF SANS 2001-CC1.		
5. CONCRETE TOLERANCE IN GENERAL SHALL BE OF DEGREE OF ACCURACY NO. II AS SPECIFIED IN SANS 2001-CC1.		
6. ALL CASTING PROCEDURES, CONSTRUCTION METHODS AND POSITIONS OF CONSTRUCTION JOINTS SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF THE PROJECT.		
7. THE CONTRACTOR MUST CO-ORDINATE ALL SERVICES DRAWINGS FOR DETAILS AND POSITIONS OF OPENINGS AND SLEEVES REQUIRED FOR STORMWATER, SEWERAGE, DRAINAGE, ELECTRICAL, MECHANICAL AND OTHER SERVICES.		
8. THE CONTRACTOR MUST OBTAIN PERMISSION FROM THE ENGINEER BEFORE ANY OPENINGS OR SERVICES LARGER THAN 150 mm DIA OR 150 X 150 mm WHICH ARE NOT INDICATED ON THE DRAWINGS MAY BE INTRODUCED THROUGH ANY STRUCTURAL ELEMENT.		
9. CURING OF CONCRETE SHALL BE CARRIED OUT STRICTLY IN ACCORDANCE WITH SANS 2001-CC1.		
10. THE STRENGTH OF CONCRETE COVER BLOCKS SHALL AT LEAST BE EQUAL TO THE CONCRETE STRENGTH OF THE STRUCTURAL ELEMENT IN WHICH THEY ARE USED. THE SIZE AND FIXING METHOD OF COVER BLOCKS SHALL BE DISCUSSED IN ADVANCE WITH THE ENGINEER.		
11. STRIPPING TIMES OF SHUTTERING AND PROPPING SHALL BE IN ACCORDANCE WITH SANS 2001-CC1.		
12. CONCRETE MIX DESIGNS FOR ALL GRADES OF CONCRETE INCLUDING SPORES MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACING OF ANY CONCRETE.		
13. COLD CONSTRUCTION JOINTS: MAIN AGGREGATE MUST BE EXPOSED, CLEANED AND THOROUGHLY WETTED BEFORE CASTING OF NEW CONCRETE. NO CEMENT GROUT SHALL BE USED. LOCATION OF JOINTS TO BE APPROVED BY THE ENGINEER IF DEVIATED FROM THE DRAWINGS.		
SURFACE BEDS:		
1. PROVIDE 12mm ISOLATION JOINTS (I.J.) AROUND ALL CONCRETE COLUMNS AND AGAINST BRICK WALLS. AFTER CONCRETE HAS SET, JOINTS TO BE RAKED OUT 10mm DEEP AND SEALED WITH APPROVED JOINT SEALANT - REFER TO STANDARD DETAILS.		
2. SAW CUT JOINTS TO BE DONE AS SOON AS CONCRETE IS FIRM ENOUGH TO NOT DAMAGE THE EDGES. USUALLY BETWEEN 6 TO 16 HOURS.		
3. ALL BACKFILL TO BE COMPACTED IN LAYERS NOT EXCEEDING 150mm. COMPACTION EFFORT AS INDICATED.		
4. FLOOR SLABS ARE WOOD FLOAT FINISHED AND SCREED TOPPING TO HAVE A STEEL TROWEL FINISH.		
REINFORCEMENT:		
1. ALL REINFORCEMENT SHALL COMPLY WITH THE REQUIREMENTS OF SANS 923-2011.		
2. THE CONTRACTOR SHALL INSPECT AND APPROVE THE FIXED REINFORCEMENT BEFORE THE ENGINEER IS NOTIFIED. ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY THE ENGINEER BEFORE CASTING OF CONCRETE MAY COMMENCE.		
3. THE CONTRACTOR SHALL GIVE AT LEAST 24 HOURS (3 WORKING DAYS) NOTICE TO THE ENGINEER FOR REBAR INSPECTIONS THAT ARE REQUIRED.		
4. BEND-OUT BARS AT CONSTRUCTION JOINTS SHALL BE BENT OUT WITH A SUITABLE PIPE SO THAT NO KINK IS FORMED IN THE BARS.		
5. NO HEAT TREATMENT, FLAME CUTTING OR WELDING OF REBAR WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER SHALL BE ALLOWED.		
KZN Department of Education Stamp and Signature		
Consultant:		
Signature:	Date:	
Signature:	Date:	
Project Title:		
PHASE 14: REPAIRS AND RENOVATIONS TO STORM DAMAGED SCHOOLS - KZN MIDLANDS REGION - CLUSTER 108 - MZIWENKOSI PRIMARY		
Drawing Description:		
Illustration Site Plan of Engineering works for Mziwenkosi Primary School		
Drawn: I. GAFOOR Date: 2020/07/13		
Scales: As Shown		
Consultant Drawing No: V16-0539-035a	Revision: 0	
DOPW CONTRACT No: ZNTL04774W	Revision:	
DOPW WIMS No: WIMS : 063837		
Stamped by Design Review Committee		