



SPECIFICATION

ROMAN CEMENT ROOF TILES. ROOF SHEETING FIXED TO SPECIFICATIONS.

FLASHINGS. (ALL TO BECONFIRMED) (min. R-value of 3.5) AND

TO BE TREATED WITH CARBOLINIUM. HURRICANE CLIPS TO BE USED WHERE PURLINS ATTACH TO TRUSSES.

SOIL POISONING: SOIL INSECTICIDE AND HERBICIDE (TO COMPLY WITH SABS 0124) TO BE APPLIED UNDER ALL SURFACE BEDS AND PAVING, IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION, POISONING OF GROUND AGAINST TERMITES: EXTERNAL AND INTERNAL FOUNDATION WALLS, FOUNDATIONS, CONCRETE SURFACE BEDS CHLORDANE HEPTACHLOR ALDRIN -OR OTHER APPROVED. 25mm RIVERSAND OVER POISON. SIMILAR APPROVED WEEDKILLER SPRAYED IN

BRICKGRIP DPC EMBOSSED DAMP PROOF COURSE IN WALLS, WINDOWS, ETC.

WALLS: BRICKS (OR SIMILAR APPROVED IN WRITING) WITH 12mm DEEP SQUARE RECESSED HORIZONTAL AND VERTICAL JOINTS WITH NEATLY FILLED WITH CONCRETE AT SIDES. FACE BRICK ROLLER COURSE OVER ALL WINDOWS, DOORS AND OPENINGS. COURSE THEREAFTER. EVERY GABLES. CAVITY WALLS - 110mm BRICK FORCE WITH BUTTERFLIES. ENSURE PROPER

EXPANSION JOINTS: PROVIDE EXPANSION JOINTS AS PER ENGINEER'S

SANS 10400 PART K. DEMOLITION WORK. WALLS AND PAVING ON SITE WITH CLIENT FACILITIES IN ACCORDANCE DURING THE CONSTRUCTION PERIOD.

LAY PAVING WITH FALL, 1:100 MIN. AWAY FROM BUILDING PROVIDE ALL NECESSARY SLEEVES FOR TELEPHONE; INTERNET AND ALARM CABLES AS PER

ROOFS: ROOF CONSTRUCTION ACCORDING TO SABS 563,653,1245,SANS 10400 PART L, PART B, PART T & PART K, AS WELL AS ENGINEER'S DRAWINGS AND SPECIFICATIONS. PROVIDE ALL ROOF FLASHING TO ENSURE EFFICIENT WATERPROOFING. FLASHINGS TO MATCH ROOF. DOUBLE PITCHED ROOF AT 40°; COVERLAND DOUBLE

SA PINE TIMBER PURLINS AT CENTRES NOT EXCEEDING 345mm, SA PINE TIMBER TRUSSES AT **CENTRES NOT EXCEEDING 760mm** STRICTLY AS PER MANUFACTURER'S SPECIFICATION AND AS PER STRUCTURAL ENGINEERS

PROVIDE ALL NECESSARY ACCESSORIES, FIXINGS AND PROVIDE MIN. 130mm GLASS FIBRE FLEXIBLE INSULATION

225x12mm Nu-Tech FASCIA BOARDS OR SIMILAR APPROVED. ALL EXTERNALLY EXPOSED TIMBER TRUSSES AND PURLINS

WINDOWS, DOORS & GATES: SEE SCHEDULES.

BY A LICENSED APPLICATOR AND A CERTIFICATE ISSUED. POISONING OF GROUND AGAINST WEEDS: HYVAR X OR ACCORDANCE WITH MANUFACUTURES INSTRUCTIONS AT THE RATE OF 50g/m² ON COMPACTED LAYERS OF EARTH FILLING.

REINFORCED CONCRETE:

AS PER ENGINEER'S DRAWINGS AND SPECIFICATIONS. ALLOW FOR EXPANSION JOINTS AT 3M INTERVALS IN ALL CONCRETE FLOOR SLABS AS PER STRUCTURAL ENGINEER.

WATERPROOFING:

ONE LAYER OF 375 MICRON "CONSUL PLASTICS"

UNDER SURFACE BEDS: AS PER ENGINEER. FLOORS IN ANY LAUNDRY, KITCHEN SHOWER, BATHROOM OR ROOM CONTAINING A TOILET PAN OR URINAL, SHALL HAVE A WATER RESISTANT FLOOR WHICH COMPRISES AN IMPERVIOUS MATERIAL LAID ON TOP OF, OR BONDED TO THE FLOORING SYSTEM, WHICH CAN HOLD ANY SURFACE WATER IN ANY WAY UNTIL SUCH TIME THAT THE WATER CAN EVAPORATE, BE DRAINED OR REMOVED, AND CAN ACCOMMODATE ANY MOVEMENT IN THE FLOORING SYSTEM WITHOUT LOSING ITS IMPERMEABLE PROPERTIES, ALL TO COMPLY WITH SANS 10400, PART J.

ALL WALLS TO BE OF COROBRIK OPAL SATIN FBS FACE CEMENT MORTAR TO MATCH COLOUR OF BRICKWORK. WINDOW CILLS TO BE FACE BRICK ON EDGE WITH HOLES BRICK FORCE: EVERY COURSE UP TO FFL AND EVERY 4th COURSE ABOVE ALL OPENINGS. EVERY 4th COURSE AT OVERLAPS OF BRICK FORCE.

SPECIFICATIONS, AND TO COMPLY WITH STRUCTURAL ENGINEER TO CHECK AND CONFIRM ALL CONFIRM ALL LANDSCAPING, IRRIGATION, RETAINING SITE OPERATIONS: CONTRACTOR TO PROVIDE SANITARY WITH THE DETAILED REQUIREMENTS OF SANS 10400-F,

ELECTRICAL ENGINEERS DRAWINGS AND DETAILS.

GENERAL

- This drawing is copyright reserved and remains the property of the architect. All work to be executed in strict compliance with SABS 10400
- All dimensions to be checked on the site and any discrepancies to be reported to the Architect immediately before commencing with any work. Written dimensions to be used in preference to
- scaled dimensions. Drawings may not be scaled from prints. All electrical and drainage work to be executed reaistered artisans.
- Where required, Architect's drawings to be read in conjunction with Engineer's drawings. Where required, Architect's drawings to be read in conjunction with Manufacturer's specification.



NORTHERN CAPE DEPARTMENT OF EDUCATION



BBB Mojaki Engineering Solutions

Rev Date By Description P1 | 160117 | WT | Issued for information 040712 WT Issued for TENDER

Certificate by Competent person

This is to certify that the building design contemplated herein

with the requirements of SANS 10400-XA an SANS 204

Consulting engineer:

Architect:

Project:

PROPOSED ADDITIONS & **ALTERATIONS TO KIMBERLEY BOYS HIGH SCHOOL**

DEPARTMENT OF EDUCATION WEST END PRIMARY SCHOOL

CORNER OF DALHAM AND MEMORIAL ROADS KIMBERLEY, NORTHERN CAPE

Drawing title

BLOCK A: GROUND FLOOR & ROOF PLAN

Scale: Drawn by: 1:100 @ A1 Checked by: 170116 Drawing nr.:

B1603 L01_101 T1