Drawing for 4-classroom block for VTC in Malakal Prisons

(Black cotton soils)
ROOFING NOTES:
Fix pre coated galvanised ridge cover on
G28 Pre coated galv. corrugated iron sheets on
60x40x2mm steel roofing purlins on,
60x40x3mm steel principle rafters,
60x40x3mm steel tie beam,
60x40x3mm steel struts and ties

SUBSTRUCTURE NOTES:
Floor tiles 300x300mm properly fixed on
25mm cement sand screed (1:3) on
100mm r.f site concrete (1:2:4) on
250mm hard core on compacted murrum,
250mm well compacted murrum on natural G.,
600mmx300mm r.f strip foundations (1:2:4). concrete mix.
Foundation depth to be determined on site
25mm cement sand screed (1:3)

100mm site concrete (1:2:4)

Floor tiles on Structural concrete

250mm Hard-core

12mm dia. r.f. @ 200mm/c both ways

250 compacted murram,

A142 BRC

Slab beam 200x300 concrete 1:2:4

Ground Slab beam 600x300 concrete 1:2:4

FOUNDATION AND SLAB DETAILS
Adequately wedged prop.

DETAIL AT OPENINGS.

Brick work
8mm dia. stirrup at 200mmc/c.
12mm dia. Y steel 6no.
1:2:4 concrete with
25mm conc. cover

Form work
leveling guides.

RING BEAM DETAIL

60mmx40mmx2mm
steel purlins

Iron ridge cover
guage 28

60mmx40mmx3mm
steel rafters

Iron Sheets
guage 28

60mmx40mmx3mm
struts & ties

DETAIL AT OPENINGS.

300

20mm thick plaster

WALL PLATE
DETAILS
(Scale1:40)

RIDGE DETAILS
(Scale1:20)
Ground Slab beam 600x300 concrete 1:2:4

12mm dia. r.f bars 6no.

50mm concrete cover

Overal size for fabricated ring, 500mmx250mm

8mm dia rings @ 200mm c/c

Ring beam, Slab beam, verandah and apron beams 200x300 concrete 1:2:4

12mm dia. r.f bars 6no.

25mm concrete cover

8mm dia rings @ 200mm c/c

Overal size for fabricated ring, 150mmx250mm

8mm dia rings @ 200mm c/c

Overal size for fabricated ring, 500mmx250mm
ROOF PLAN LAYOUT (Steel Structure)
LEFT SIDE ELEVATION

RIGHT SIDE ELEVATION