Annex: 

i) Design Drawing
Remarks:
1. Lean concrete: 150 kg/m³
2. Concrete Footpath: 800 kg/m³
3. Concrete Footing, Column, Beam: 300 kg/m³
   and Compressive Strain at 28 day: f_{c28} = 210 kN/mm²
4. Deformed steel bar: S800, f_y = 800 kN/mm²
5. Round steel bar: S235, f_y = 250 kN/mm²

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**SFC - SCHOOL BUILDING CONSTRUCTION**

UNITED KINGDOM | MOR, LAB 008

Prepared: 
Date: 20-June-2008

Scale: 
Drawing: Foundation Plan

**Dimensions:**
- P.C.: 700 x 700 mm
- F.C.: 800 x 2000 mm
- C.L.: 200 x 200 mm
- C.S.: 100 x 100 mm
Remarks:
1. Lean concrete : 150 kg/m³
2. Concrete Footpath : 300 kg/m³
3. Concrete Footing, Column, Beam : 300 kg/m³
and Compressive Strength at 28 days : f'c28 = 210 kN
4. Deformed steel bar : 500, fy = 500 kN
5. Round steel bar : 350, fy = 350 kN

Dimensions:
- T1 : 200x200 mm
- T2 : 200x200 mm
- T3 : 150x200 mm
- T4 : 150x200 mm
- T5 : 200x200 mm
- T6 : 150x200 mm

Drawing Title: Tie Beam Plan
Drawing No.: HTR-07

Date: 09-Jun-2008
Remarks:
1. Lean concrete: 150 kg/m³
2. Concrete Footpath: 200 kg/m³
3. Concrete Footing, Column, Beams: 300 kg/m³
   and Compressive Strength at 28 days: fcd = 210 kpsi
4. Deformed steel bar: B650, fy = 650 ksi
5. Round steel bar: HRB 41, fy = 410 kpsi

X1: 2000 mm
X2: 2000 mm
X3: 1500 mm

EPC - SCHOOL BUILDING CONSTRUCTION
UNIT 10 - BREAKFAST / MOR, LUNCH

Drawing: Roof Beam Plan

Prepared: [Signatures]
Scale: 1/100
Intent: Final

ANALYSIS OF鉛筆
Remarks:
1. Lean concrete: 150 kg/m³
2. Concrete Footpath: 300 kg/m³
3. Concrete Footing, Column, Beam: 300 kg/m³
   and Compressive Strenth at 28 day: fC28 = 210 kN
4. Deformed steel bar: SR250, fy = 250 kN
5. Round steel bar: SR20, fy = 200 kN

R94: 500x300 mm
R96: 550x200 mm
R95: 400x300 mm

SFS SCHOOL BUILDING CONSTRUCTION
UNIVERSITY V!/CTORIA / MOD. LAB 1302

Prepared: Date: 22-Jul-2008
Drawn: Smith
Drawing: Ridge Beam & Rafters Beam Plan
Rev No. MRC-08
Remarks:
1. Rafter H.W 5x16cm@1.4m
2. Parilla H.W 4x8cm@0.76m
Concrete pipe diameter 10cm height
Taste drain pipe diameter
Storage pipe 8cm diameter

**PLAN**

**Note:**
1. Door D1 Hardwood: H=1.8m, W=0.7m
2. Ventilation cement block 20x40cm
3. Brick masonry wall 10cm thick

**Front View**

Roofing material:
1. VEP CI sheet
2. Tie beam & rafter H.W 6x10cm
3. Parlia H.W 4x8cm
4. Eave board H.W 2x15cm

**Side View**

1. Concrete Water Tank 10cm thick, class 350kg/m³
2. Using Lao cement P-525 and VS1 Steel D310mm@1200mm
3. Including PVC pipes: drain pipe, cold water pipe and tap installation

**Remarks:**
- Total water taps = 9 taps:
  - For water tank 4 outlet taps and 1 inlet tap
  - For toilet: 4 taps: 1 tap in each room
1. Concrete water tank. 1 cm thick, class C25/30.
2. Steel and taps installation including PVC pipe, drain pipe, cold water pipe.
3. Partition H.W. 4.5 x 4.5 cm.
4. Plywood H.W. 5 x 5 cm.
5. Zinc or galvanised sheet.

Remarks:
- For toilet 4 taps: 1 tap in each room.
- For water tank 4 outlet taps and 1 inlet tap.
- Total water taps = 8 taps.
1. Door Di HARDWOOD: H=1.8m, A=0.7m

Note:

PLAN

Note:

Ground Beam

3. Column 15x15cm, RCC concrete 350Kg/m^3
2. Curtain beam 15x15cm, RCC concrete 350Kg/m^3
1. Roofing 4x4x4cm, thk:20cm, RCC concrete 350Kg/m^3

4. Slab and footpath 8cm thick, plain concrete 350Kg/m^3

3. Brick masonry wall 10xcm thick

2. Ventilation cement block 8x4x4cm

Note: