SECTION AT GRID 1–1, 3–3, 5–5, 7–7
(FRAME ELEVATION LOOKING FROM OUTSIDE)

(LOOKING FROM OUTSIDE)
SHUTTER ELEVATION

DOOR (D1)

(LOOKING FROM INSIDE)
SHUTTER ELEVATION
(FRAME ELEVATION LOOKING FROM OUTSIDE)

250 LONG FLAT 25X5 HOLD FAST WELDED TO FRAME

50X50 FLAT HANDLE

40X5 FLAT

0.7MM GI SHEET

40 X 4 FLAT

260 X 260 X 3 ANGLE

FRAME ELEVATION LOOKING FROM OUTSIDE)

(LOOKING FROM OUTSIDE) SHUTTER ELEVATION

HOLE FOR 6 Ø ALUMINUM RIVET

100X20X3 FLAT HANDLE

"L" SHAPED PLATE WELDED WITH FRAME

40X40X3 ANGLE

40X5 FLAT

150 LONG HINGE WELDED TO SHUTTER FRAME

40 X 40 X 3 ANGLE

40 X 40 X 3 ANGLE

150 LONG HINGE WELDED TO SHUTTER FRAME

(LOOKING FROM INTSIDE) SHUTTER ELEVATION

DOOR (D)

1081

100X20X3 FLAT HANDLE

"L" SHAPED PLATE WELDED WITH FRAME

40X40X3 ANGLE

40X5 FLAT

150 LONG HINGE WELDED TO SHUTTER FRAME

40 X 40 X 3 ANGLE

40 X 40 X 3 ANGLE

150 LONG HINGE WELDED TO SHUTTER FRAME
F1 TYPE
- 75 MM THICK DPC
- 50 MM PCC (1:2:4)
- 65 MM FLAT DRY BRICK SOLING
- RAMMED EARTH FILLING
- 100 MM SAND FILLING
- 65 MM FLAT DRY BRICK SOLING
- 50 MM PCC (1:2:4)
- CEMENT PUNNING (1:2)

F2 TYPE
- 75 MM THICK DPC
- 50 MM PCC (1:2:4)
- 65 MM FLAT DRY BRICK SOLING
- RAMMED EARTH FILLING
- 100 MM SAND FILLING
- 65 MM FLAT DRY BRICK SOLING
- 50 MM PCC (1:2:4)
- CEMENT PUNNING (1:2)

F3 TYPE
- 50 MM THICK DPC
- BRICK SOLING
- 50 MM PCC (1:2:4)
- CEMENT PUNNING (1:2)
- 65 MM FLAT DRY BRICK SOLING
- RAMMED EARTH FILLING
- 100 MM SAND FILLING
- 65 MM FLAT DRY BRICK SOLING

DETAIL OF STEPS
- BRICK SOLING
- 300 MM
- 300 MM
- 300 MM
- 300 MM
- 75 MM THICK DPC
- 50 MM PCC (1:2:4)
- CEMENT PUNNING (1:2)
- 65 MM FLAT DRY BRICK SOLING
- RAMMED EARTH FILLING
- 100 MM SAND FILLING
- 65 MM FLAT DRY BRICK SOLING
- 50 MM PCC (1:2:4)
- CEMENT PUNNING (1:2)
PLAN FOR DPC AND GABLE BAND

DPC AND GABLE BAND SECTION

PLAN FOR SILL AND LINTEL BAND

LINTEL BAND SECTION

STITCHING BAND

STITCHING AND SILL BAND SECTION

4 NOS. OF 10 DIA BARS
4.75 BARS AT 150 C/C

3 NOS. OF 10 DIA BARS

2 NOS. OF 10 DIA BARS
4.75 BARS AT 150 C/C

4.75 DIA BARS AT 150 C/C
STRUCTURAL PLAN OF TRUSS

1 Storey 3 Classrooms
Revised (Oct 2017)
**Detail E**

**Scale:** 1:10

160 x 75 x 6mm MS Purlin Plate on Rafter

**Scale:** 1:5

160 x 75 x 6mm MS Purlin Plates at Edges of Purlins

**Scale:** 1:5

120 x 40 x 6mm MS Plates at Edges of 25Ø Pipes

**Scale:** 1:5

120 x 40 x 6mm MS Plate

14mm Hole for Nut / Bolt

**Detail on Mid Gable**

Along Axis 4 Only

**Scale:** 1:25

200x100x8mm Thick Steel Plate

**Brace Intersection Detail**

**Scale:** 1:10

16Ø MS Bar

25Ø Pipe

14mm Hole for Nut / Bolt

**Detail F**

**Scale:** 1:10

160 x 75 x 6mm TH. Metal Plate

**Middle Purlin Detail**

**Scale:** 1:10

160 x 75 x 6mm TH. Metal Plate

6mm TH. Metal Close Plate

65Ø L

Plates to tie up with the rafter of the outer truss

**End Purlin Detail**

**Scale:** 1:10

160 x 75 x 6mm TH. Metal Plate

6mm TH. Metal Close Plate

65Ø L
LIGHT LAYOUT PLAN

1. PVC PIPE OF 20 mm dia 2MM THICK FOR CONCEALED WIRING SHOULD BE USED
2. LIGHT/FAN/16A SOCKET POINT 2X2.5 SQ. MM+1X 1.5 SQ MM (LNE)

LEGEND

1. 24 W LED Panel Light
2. Floor MCB distribution board (DB)
3. One way modular switch (Simple-gang)
4. Two way modular switch
5. 6/16A 5 Pin switch socket outlet
6. Ceiling Fan
7. 9W Square type LED Light

Government of Nepal
National Reconstruction Authority
Central Level Project Implementation Unit (EDU)
Gyaneshwor, Kathmandu

PROJECT: 1 Storey 3 Classrooms Revised (OCT 2018)
TITLE: PLAN (LIGHT LAYOUT)

Date: OCT 2018
Scale: 1:75

Designed by:
Checked by:
Approved by:

Sheet No: E1