LONGITUDINAL DRAIN (IN STONE MASONRY)

200

450

200

200

400

EL

HARD STONE (IN CM 1:5)

RANDOM RUBBLE MASONRY

POINTING

IN CM 1:3
Schematic Diagram for Stretch 1
INDIA SIDE

M.S. SPIKES (TYP.)

GI BARRIED WIRE @ 150 c/c (TYP.) (TOTTALLY 20 ROWS)

DIAGONALLY INCLINED BARRED WIRE (IN ELEVATION)

90Ø CONCERTINA COIL (TYP.)

POST-ISA 65x65x6

INDO-BANGLADESH BORDER FENCING

MIZORAM

BANGLADESH SIDE

POST-ISA 90x90x6

1200

500

300

300

1500 FOR MIDDLE POST ONLY (10 ROWS OF 150 Ø)

2X SLOPE

2X SLOPE

MODIFIED DESIGN COMPOSITE TYPE FENCING

ALL DIMENSIONS ARE IN MM.

INDO-BANGLADESH BORDER FENCING

MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.

DNR. NO. CI-498/C/102

R0

15-06-05

SHADISTANS PARI LE

POST ISA 90x90x5

POST ISA 90x90x5
MODIFIED DESIGN—COMPOSITE TYPE FENCING
(WITHOUT PATROLLING ROAD)

INDO—BANGLADESH BORDER FENCING
MIZORAM

ALL DIMENSIONS ARE IN MM.
IB BORDER ROAD

TYPICAL CROSS SECTION

20mm THK. PREMIX CARPET
2 LAYERS x 75mm THK. WBM (STONE AGGREGATE 63 TO 40mm)
1 LAYER x 100mm THK. WBM (STONE AGGREGATE 90 TO 40mm)

ALL DIMENSIONS ARE IN MM.
ELEVATION OF OUTER ROW

BENT UP PORTION TO BE PROVIDED WITH SHARP W.S SPIKES

G.I. BARBED WIRE (TYP.)

VERTICAL POST

NOTE:

@ BARBED WIRE AT SPACING OF 150MM IN REGULAR MANNER AND INTERWOVEN WITH HORIZONTAL LINES OF FENCING ADEQUATELY TIED AT THREE PLACES IN A STAGGERED MANNER WITH HORIZONTAL G.I. BARBED WIRE UPTO 7TH ROW HEIGHT OF FENCING ABOVE FFL.

ALL DIMENSIONS ARE IN MM.
ELEVATION OF TIGHTENING BOLTS & MS HOOKS ON OUTER ROW

ALL DIMENSIONS ARE IN MM.

NOTE:
THE VERTICAL DISTANCE BETWEEN TWO TIGHTENING BOLTS ON ANY POST SHOULD NOT BE LESS THAN 1300 EXCEPT THE END CORNER/POST.

INDO-BANGLADESH BORDER FENCING
MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.
ELEVATION OF TIGHTENING BOLTS & MS HOOKS ON MIDDLE ROW

NOTE:
The vertical distance between two tightening bolts on any side post should not be less than 1.30 except the end corner/post.

ALL DIMENSIONS ARE IN MM.

INDO-BANGLADESH BORDER FENCING
MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.
BANGLADESH SIDE
M.S ANGLE IRON 90x90x6 @ 3000 c/c
M.S ANGLE IRON 65x65x6 @ 3000 c/c
MIDDLE POST
STRUTTED POST

INDIA SIDE
PLAN

STRUTTED POST
M.S ANGLE IRON 90x90x6 @ 3000 c/c
SCREW 19x190x6 M11@ 1.200 c/c

INDIA SIDE
ELEVATION

GI BARBED WIRE DIAGONAL

GI BARBED WIRE DIAGONAL

DETAIL SHOWING DIAGONAL WIRE INSIDE CONCERTINA COIL

INDO-BANGLADESH BORDER FENCING
M ZORAM

ENGINEERING PROJECTS (INDIA) LTD.
INDIA SIDE

POST-SA 90x90x6

GI BARBED WIRE
10 ROWS (HORIZONTAL)

GI BARBED WIRE
12 COLUMNS (VERTICAL)

POST-ISA 65x65x6

BANGLADESH SIDE

POST ISA 30x90x6

300 FOR MIDDLE POST ONLY

ELEVATION OF END POSITION OF FENCING

ALL DIMENSIONS ARE IN MM.

INDO-BANGLADESH BORDER FENCING
MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.
TYPICAL DETAIL OF CLOSED STARTING POINT OF FENCING

INDIA SIDE

TYPICAL DETAIL OF CLOSED END POINT OF FENCING

ALL DIMENSIONS ARE IN MM.

INDO-BANGLADESH BORDER FENCING

MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.

DGN. BY  CHK. BY  APP. BY  DATE
BRL  CE  SB  15-06-05
DRG.NO. CI-496/C/117  RO
NOTE:

1. The location of vertical posts at 3.0m short of the respective corner posts be marked on the ground.
2. The vertical posts of approaching fencing be erected @ 3.0M c/c with regular straggling until these come at a distance somewhere between 3.0M to 6.0M of the vertical posts marked above.
3. Thereafter an intermediate vertical post be erected so as to make the distance between any two vertical posts <3.0M.
4. If any of the distances X, Y, Z or A, B, C is between 3.0M to 6.0M then provide 1 vertical post in between.

All dimensions are in mm.

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INDO-BANGLADESH BORDER FENCING
MIZORAM

ENGINEERING PROJECTS (INDIA) LTD.