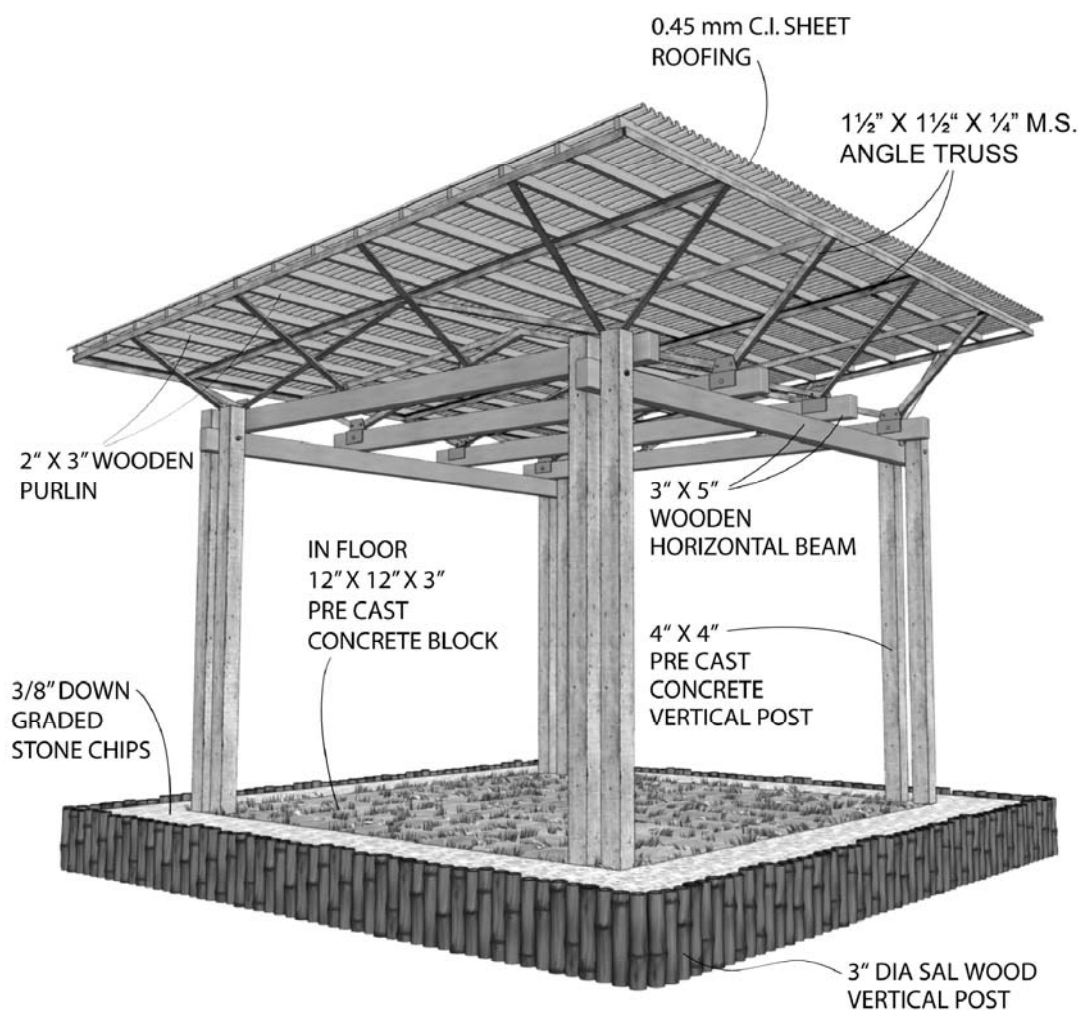


19

INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

Axonometric View.



NISHORGO SUPPORT PROJECT
&
DEPT. OF FOREST GOB.

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SCALE : NOT TO SCALE

DRAWN : SHAMEEM

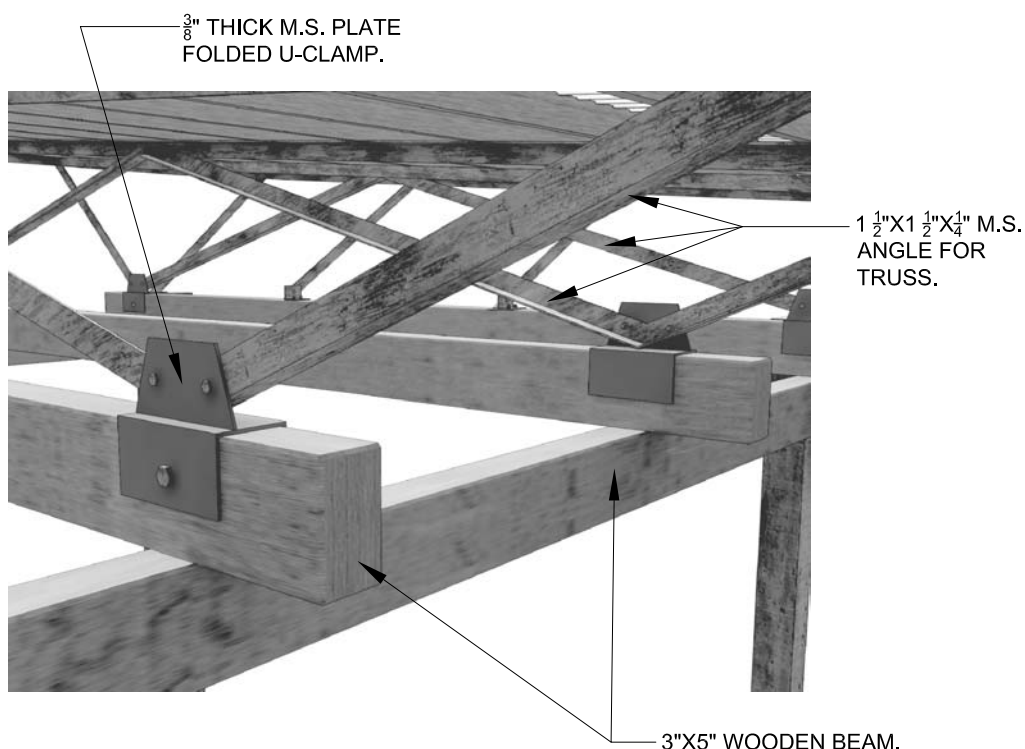
DATE : MARCH, 2007.

SHEET NO : 19 a

19

INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

Axonometric View.



DETAIL OF ROOF FRAME



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SCALE : NOT TO SCALE

DRAWN : SHAMEEM

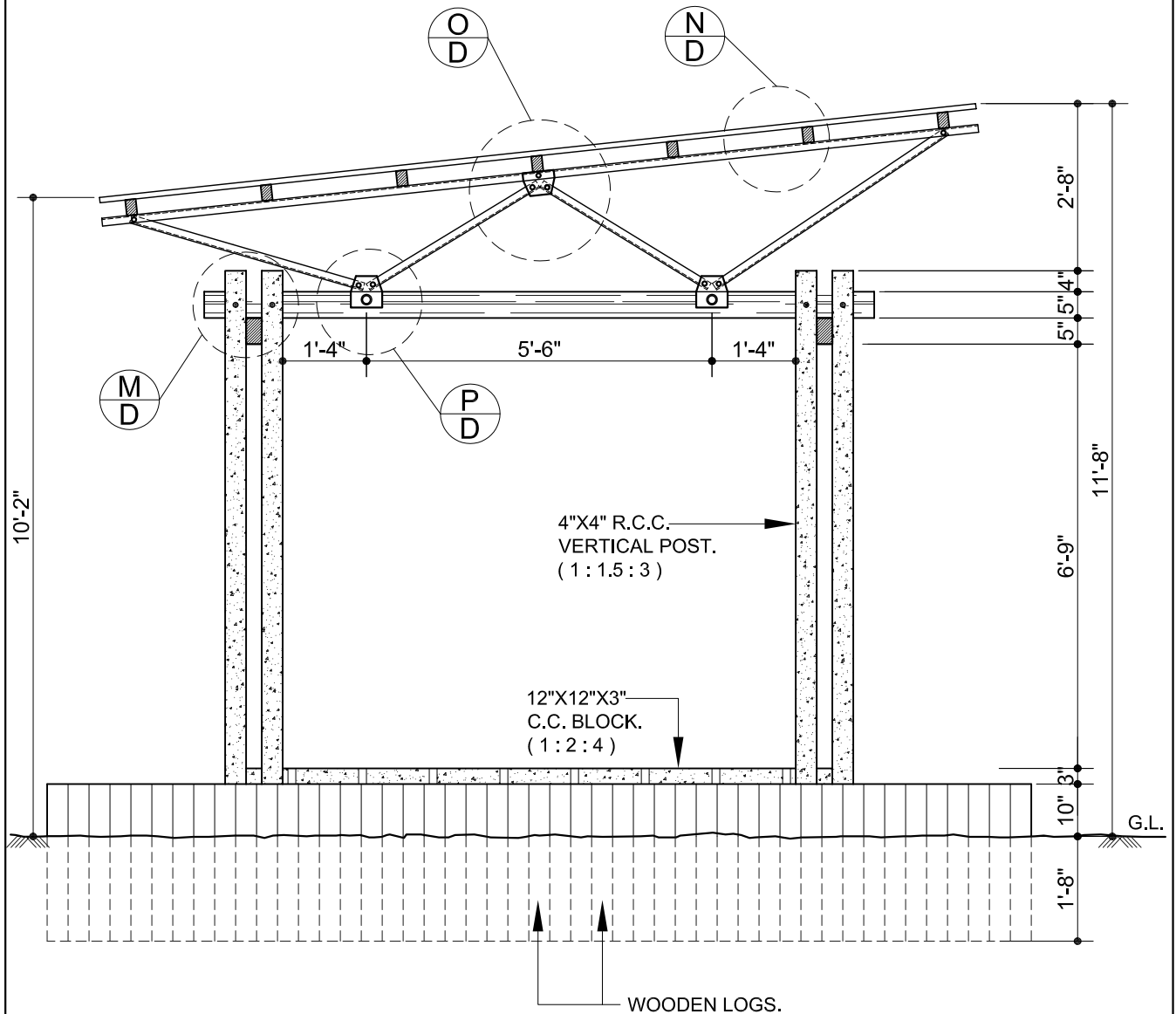
DATE : MARCH, 2007.

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19

INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

Design Drawings.



ELEVATION



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SCALE : 3/8" = 1'-0"

DRAWN : SHAMEEM

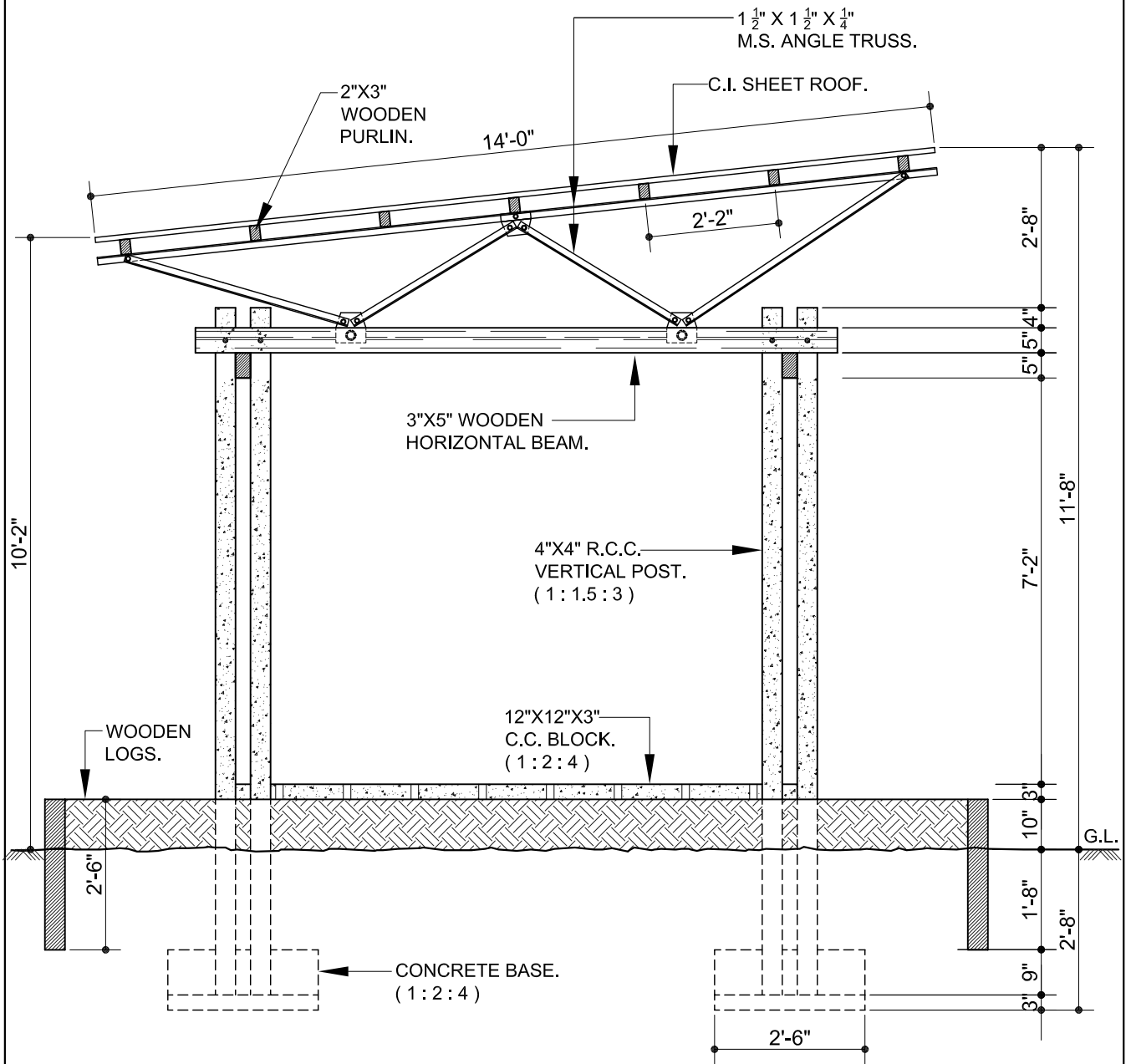
DATE : MARCH, 2007.

SHEET NO : 19d

19

INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

Design Drawings.



SECTION - A:A



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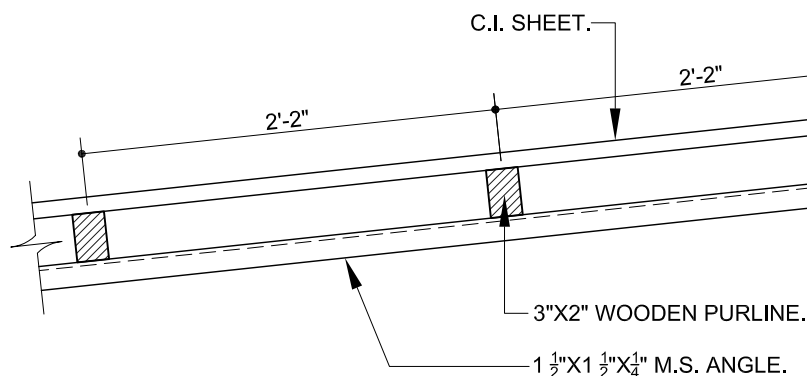
Prepared by :
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DHAKA -1215.
PHONE : 8143471
FAX : 880 2 8143470
E-mail : vittitbd@gmail.com

SCALE : 3/8" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 19 e

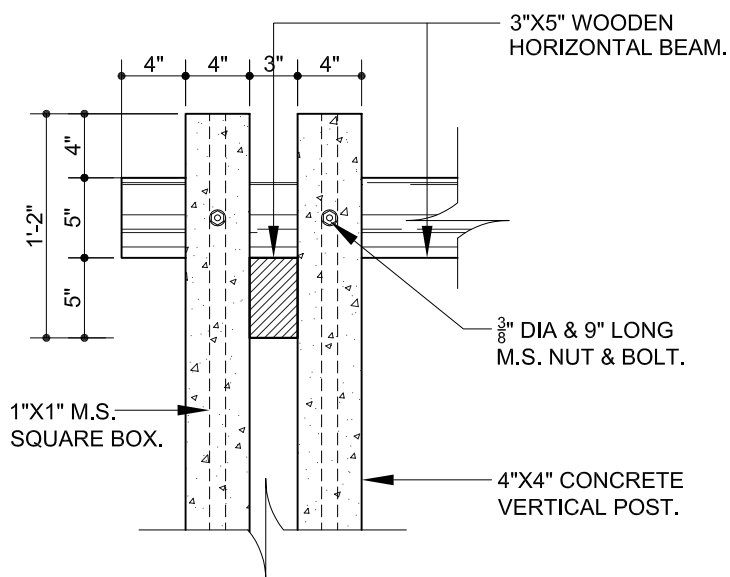
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INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

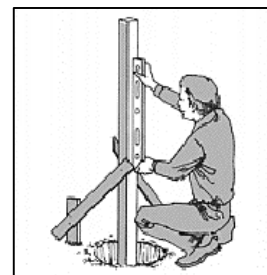
Design Drawings.



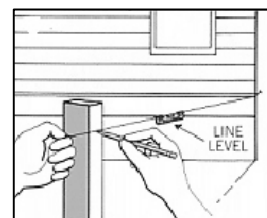
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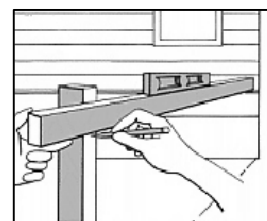
DETAIL : M



POST PLACEMENT TRUE TO VERTICAL WITH SPRIT LEVEL.



POST HEIGHT DETRMINED BY LINE LEVEL.



POST HEIGHT DETRMINED BY TEMPORARY JOIST.



NISHORGO SUPPORT PROJECT
&
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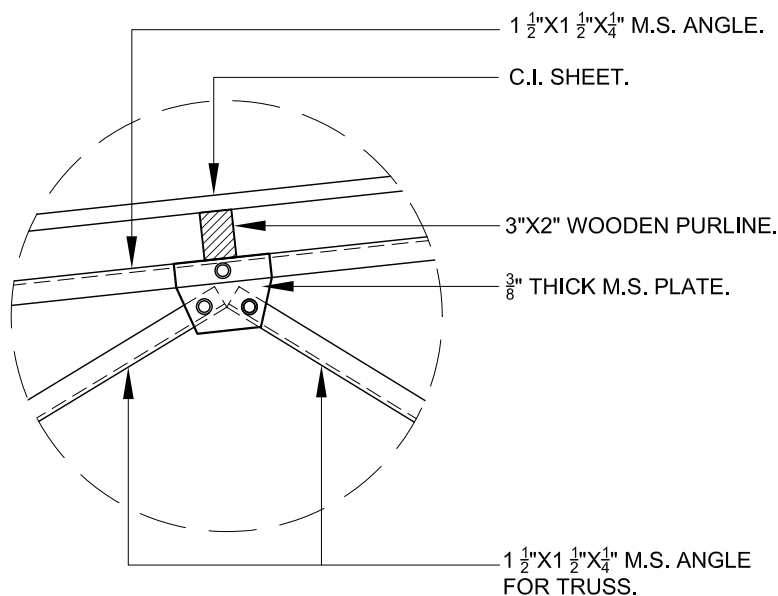
Prepared by :
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SCALE : 1" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 19 f

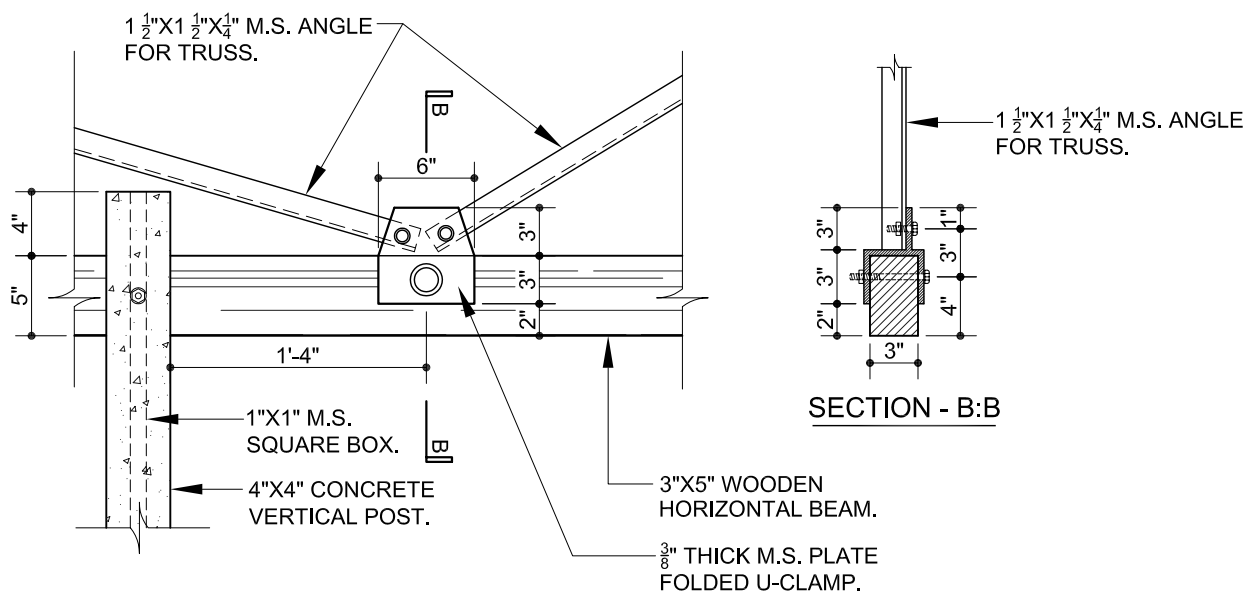
19

INTERPRETIVE SHELTERS AND WAYSIDE EXHIBITS.

Design Drawings.



DETAIL : O



DETAIL : P



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SCALE : 1" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 19 g

Technical Data and Specifications

Components Required for 1 No :

Description	Characteristics	Unit	Dimensions		
			Height	Length	Width
3" dia Wooden Log	3" dia Sal wood vertical post	228 Nos.	2'-6"		3" dia
Concrete vertical post	Pre-cast RCC post (1:1.5:3)	8 Nos.	11'-6"	4"	4"
Concrete Base	Reinforced Cement Concrete base (1:2:4)	4 Nos.	1'-0"	2'-6"	2'-6"
Horizontal Beam	Wooden Horizontal Beam	6 Nos.	5"	10'-8"	3"
Steel for Roof Truss (4 Nos. Truss)	Incline member (1.5"x1.5"x¼")	4 Nos.	1.5"	4'-6"	1.5"
	-do-	8 Nos.	1.5"	3'-7"	1.5"
		4 Nos.	1.5"	5'-3"	1.5"
	Top member (1.5"x1.5"x¼")	4 Nos.	1.5"	14'-1"	1.5"
M.S. Anchor Plate	3/8" thick M.S. Anchor Plate	12 Nos.	6"	6"	3/8"
M.S. U-Channel	6"x3"x ¼" M.S. U-Channel	8 Nos.	3"	6"	3"
	¼" thick M.S. Plate	8 Nos.	3"	6"	¼"
Wood work	Wooden Purlin	7 Nos.	3"	14'-0"	2"
C.I. sheet roofing	0.45mm Corrugated Iron Sheet	7 Nos.	1.5"	8'-0"	2'-6"
		7 Nos.	1.5"	7'-0"	2'-6"
Floor	C.C. Block	81 Pcs	3"	1'-0"	1'-0"
Stone Chips in Plinth & Floor	3/8" down graded crushed stone chips	1 Item	4"	48'-0"	2'-0"
Hardware	a) ½" dia Nut & Bolt	8 Nos		12"	
	b) ½" dia Nut & Bolt	8 Nos.		8"	
	c) 3/8" dia Nut & Bolt	12 Nos.		5"	
	d) ¼" dia M.S. screw with washer	1.5			
		Gross.		2.5"	

Technical Data and Specifications

Summary of Materials :

Fit out Parts	Type of Materials	Nos.	Volume		Weight	Long
			M ³	(p.m.p.)	(Kg)	(mm)
Cement	Portland Cement	.			478.00	
Aggregate	Stone chips		1.30			
Sand	Coarse sand (F.M. 2.5)		1.30			
Sand	Medium Sand (F.M. 1.5)		0.50			
Wooden Log	Sal wood (3" dia)					175.00 Rm
Wood Work in Beam and Purlin	Garjon wood		0.363			
M.S. Truss	M.S. angle (1.5"x1.5"x ¼")				132.00	
M.S. Anchor plate	3/8" thick M.S. Anchor Plate				10.00	
M.S. U Channel	6"x3"x ¼" M.S. U Channel	8 Nos.				
M.S. Flat Bar Clamp	2" x ¼" Flat bar clamp	4 Nos.				
M.S. Box	1" x 1" M.S. Box	8 Nos.				11'-6" each
C.I. sheet roofing	0.45mm thick C.I. sheet	7 Pcs. 7 Pcs.				8'-0" long 7'-0" long
C.C. block	Precast Cement Concrete block	81 Pcs.	9.30 M ²			
Stone chips in plinth	3/8" down graded stone chips		1.00			
Hardware	a) ½" dia Nut & Bolt	8 Nos				12" long
	b) ½" dia Nut & Bolt	8 Nos.				8" long
	c) ¼" dia Nut & Bolt	12 Nos.				5" long
	d) ¼" dia M.S. screw with washer	1.5 Gross.				2.5" long

Specifications :

- Concrete should be poured in proportion 1:1.5:3 (Cement : Sand : Stone chips)
- For concrete (1:1.5:3) 12mm down graded stone chips should be used.
- Sand and chips should be washed with pure water properly before use.
- The concrete should be softened before compaction for leveling. Necessary water may used at the time of compaction.
- The level of concrete should be maintained properly.
- Water cement ratio should be properly maintained.
- Reinforcing bar to be used in concrete should be rust free.
- All wood should be seasoned and treated mechanically. (see notes on wood treatment procedure)
- M.S. box used in vertical post should be rust free.
- M.S. Angle used in truss should be rust free and painted.