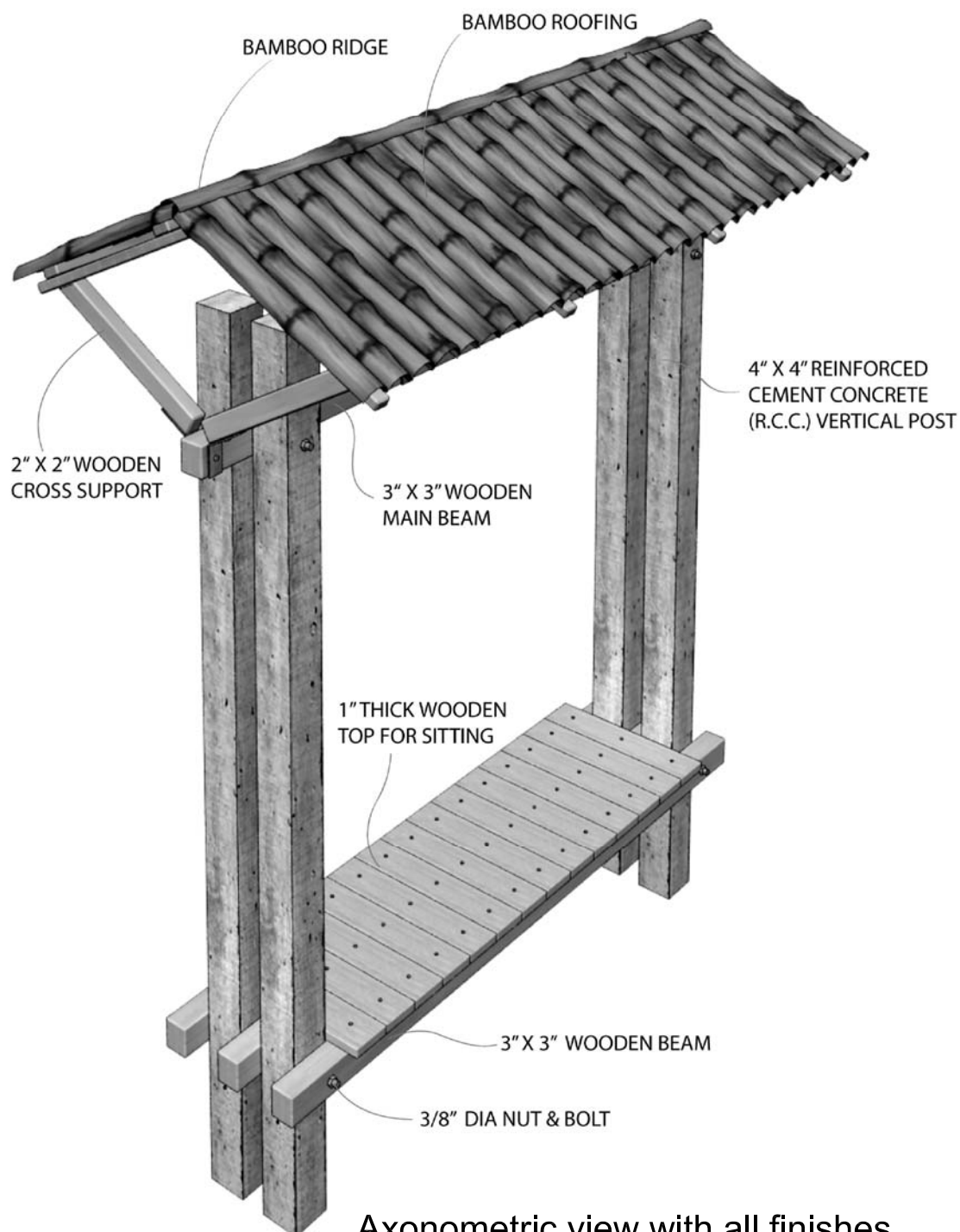


05

REST AREAS/SHED ALONG HIKING TRAILS

Axonometric View.



Axonometric view with all finishes.



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SCALE : NOT TO SCALE

DRAWN : SHAMEEM

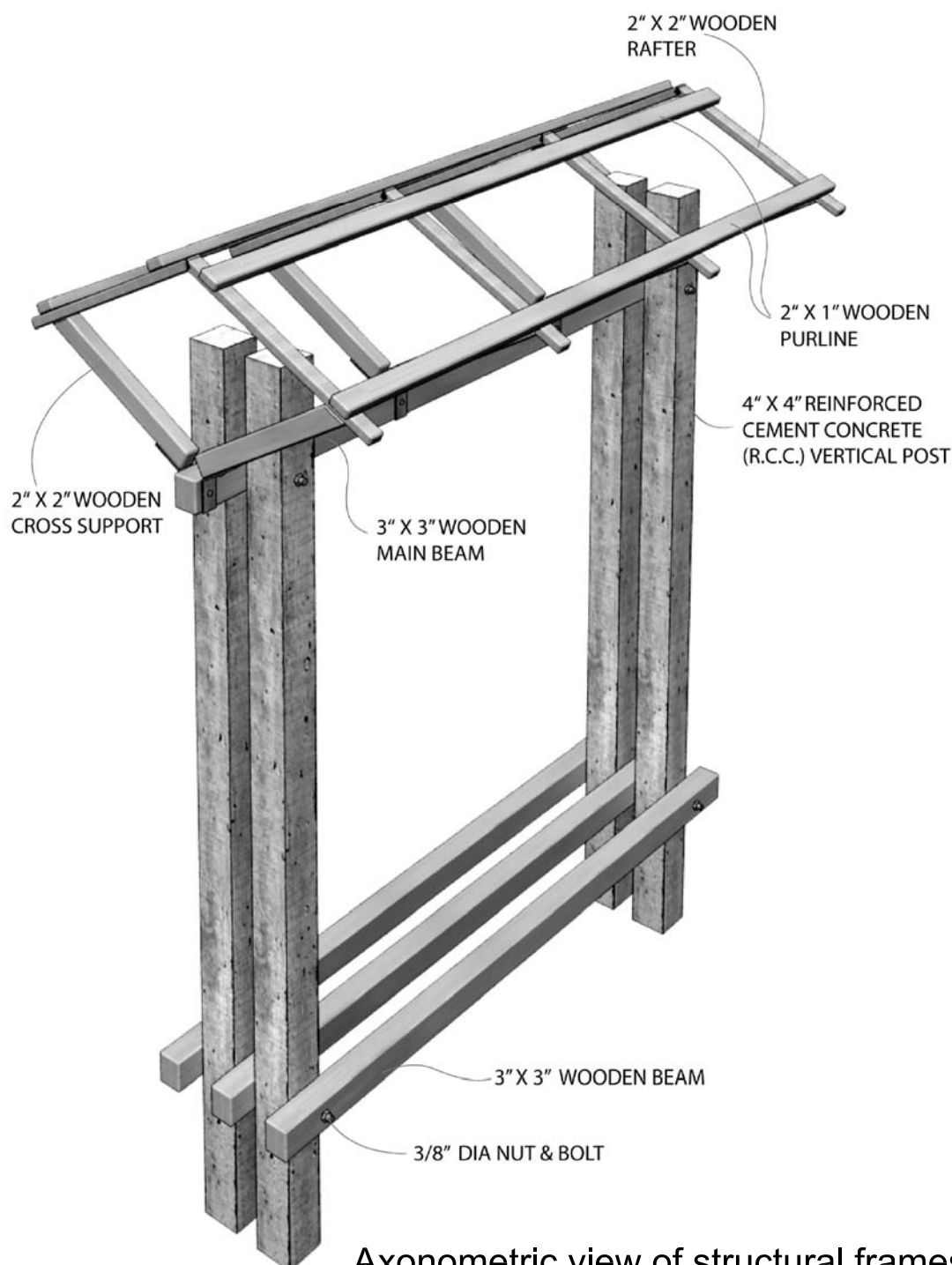
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SHEET NO : 5 a

05

REST AREAS/SHED ALONG HIKING TRAILS

Axonometric View.



Axonometric view of structural frames.



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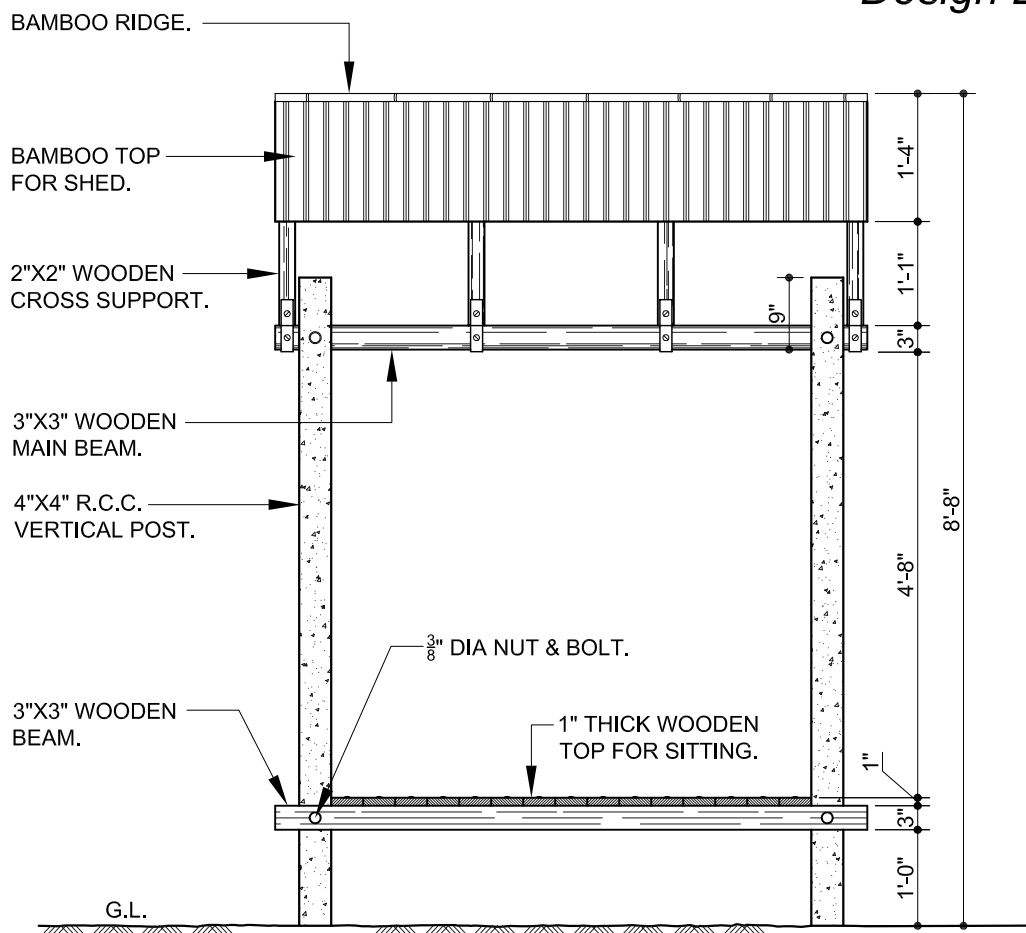
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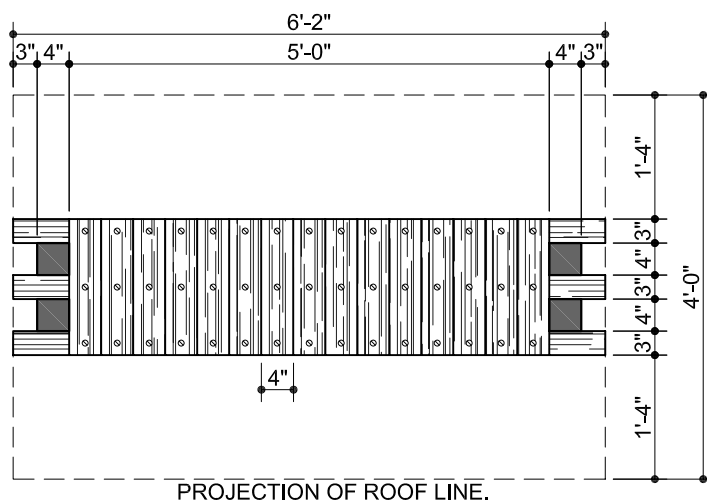
05

REST AREAS/SHED ALONG HIKING TRAILS

Design Drawings.



ELEVATION



PLAN



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SCALE : 1/2" = 1'-0"

DRAWN : SHAMEEM

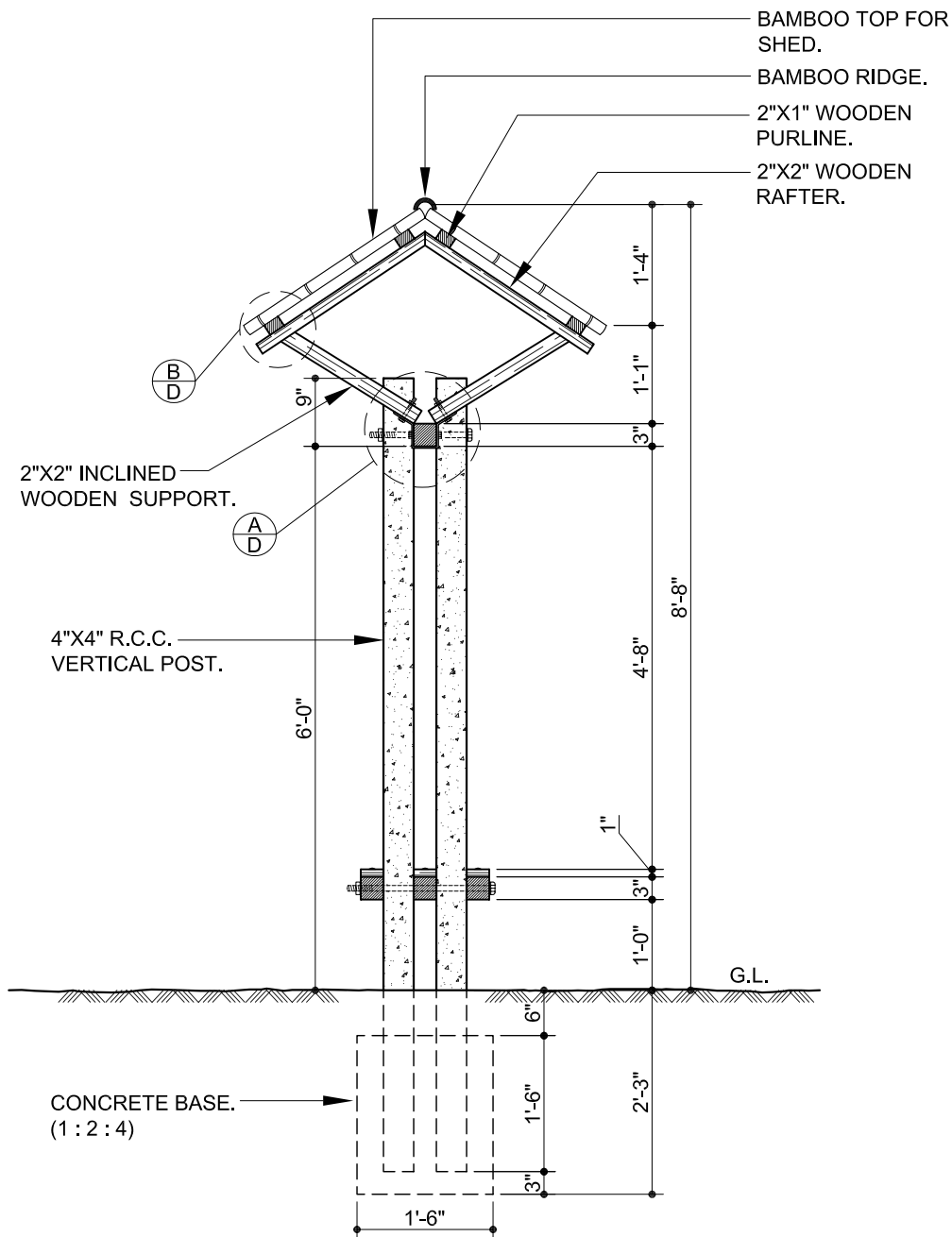
DATE : MARCH, 2007.

SHEET NO : 5 c

05

REST AREAS/SHED ALONG HIKING TRAILS

Design Drawings.



LEFT ELEVATION



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SCALE : 1/2" = 1'-0"

DRAWN : SHAMEEM

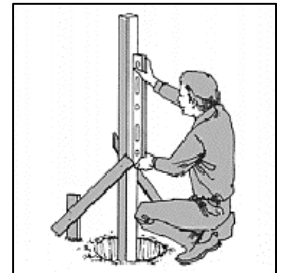
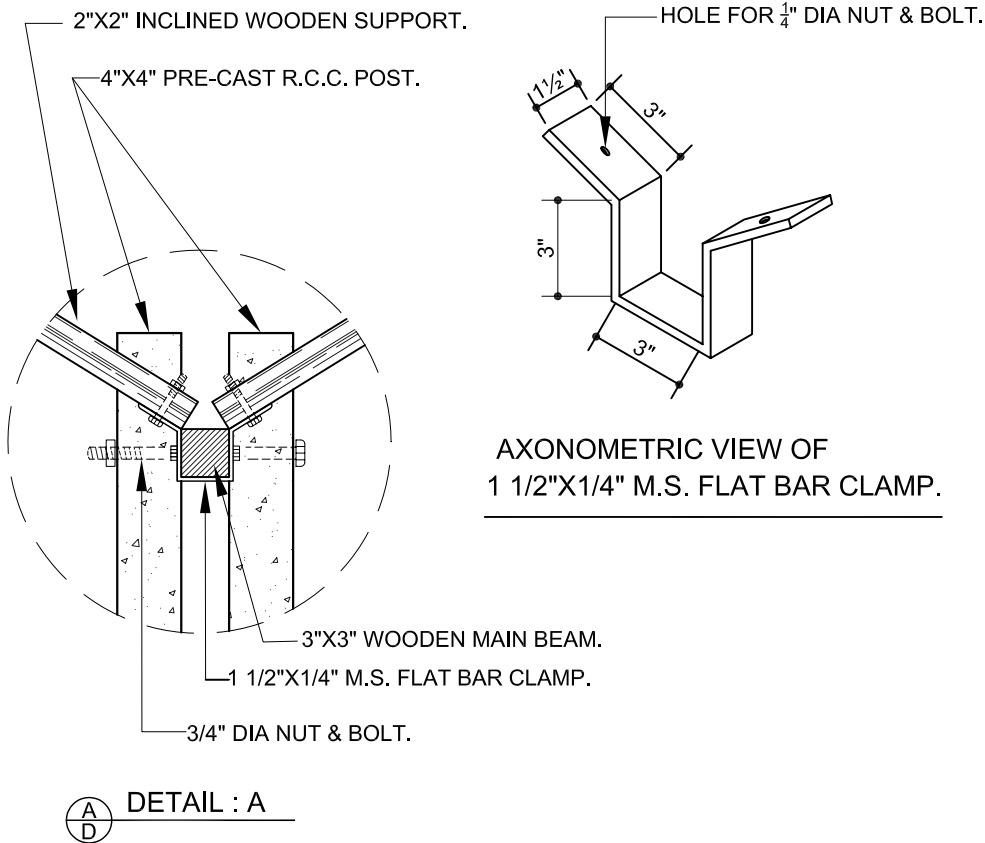
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SHEET NO : 5 d

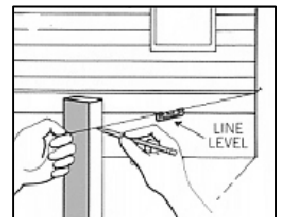
05

REST AREAS/SHED ALONG HIKING TRAILS

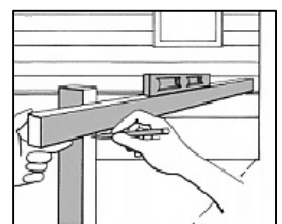
Design Drawings.



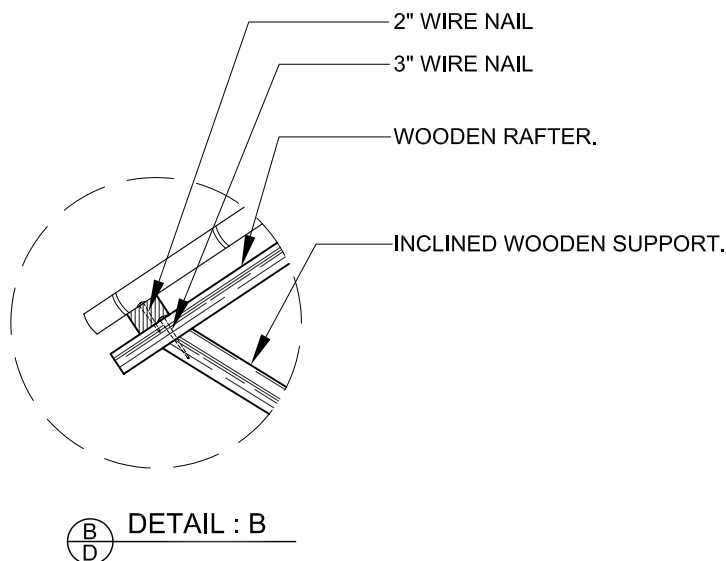
POST PLACEMENT TRUE TO VERTICAL WITH SPIRIT LEVEL.



POST HEIGHT DETRMINED BY LINE LEVEL.



POST HEIGHT DETRMINED BY TEMPORARY JOIST.



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SCALE : 1" = 1'-0"

DRAWN : SHAMEEM

DATE : MARCH, 2007.

SHEET NO : 5 e

Design Drawings.



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05

REST AREAS/ SHED ALONG HIKING TRAILS

Technical Data and Specifications

Components Required for 1 No :

Description	Characteristics	Unit	Dimensions		
			Height	Length	Width
Vertical Concrete Post	Pre-cast RCC post	4 Pcs	8'-9"	4"	4"
Concrete base	Cast-in-situ reinforced concrete base (1:2:4)	2 Pcs.	1'-6"	1'-6"	1'-6"
Wooden Horizontal Frame for sitting & top beam	Garjon wood frame	4 Pcs.	3"	6'-2"	3"
Wooden inclined support	Garjon Wood frame (bottom)	8 Pcs.	2"	2'-0"	2"
	Rafter (Top)	8 Pcs.	2"	2'-6"	2"
Wooden Purline	Garjon wood purlin	4 Pcs.	1"	6'-2"	2"
Bamboo for roofing	Sliced Bamboo (50% of 3" dia)	50 Pcs	1.5"	2'-6"	3"
Wood for sitting	Garjon wood	15 Pcs.	1"	1'-5"	4"
Metal Clamp	M.S. Flat Bar Clamp 1.5" x ¼"	4 Pcs.		1'-3"	
	3/8" M.S. dia Nut & Bolt	4 Pcs		1'-7"	
	3" M.S. Wire Nail	68 Pcs.			
	2" M.S. Wire Nail	108 Pcs			

Summary of Materials :

Fit out Parts	Type of Materials	Nos.	Volume		Weight	Long
			M ³	(p.m.p.)	(Kg)	(mm)
Cement	Portland Cement				133	
Aggregate	Stone Chips (1/2" to ¾")		0.37			
Sand	Course sand (F.M. 2.5)		0.19			
M.S. Box	1" x 1" M.S. square Box	4				8'-9" each
Wood Work	Garjon Wood		0.10			
Bamboo (Sliced)	Well matured sliced Bamboo	50				2'-6" each
Metal Clamp	M.S. Flat Bar Clamp 1.5" x ¼"	4 Pcs.				
	3/8" M.S. dia Nut & Bolt	4 Pcs				
	3" M.S. Wire Nail	68 Pcs.				
	2" M.S. Wire Nail	108 Pcs				

Specifications :

- Concrete should be poured in proportion 1:1.5:3 (Cement : Sand : Stone chips) for pre-cast member
- For concrete (1:1.5:3) 12mm down graded stone chips should be used and for concrete (1:2:4), 20mm down graded stone chips should be used.
- Sand and chips should be washed with pure water properly before used.
- 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.
- M.S. box to be used in concrete should be rust free.
- All wood should be seasoned and treated mechanically before use. (see notes on wood treatment procedure)
- All Bamboo should be well matured.

DEPARTMENT OF FOREST, GOB
&
NISHORGO SUPPORT PROJECT

Design Guideline :
REST AREAS/ SHED ALONG HIKING TRAILS

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VITTI Sthapati Brindo Ltd.