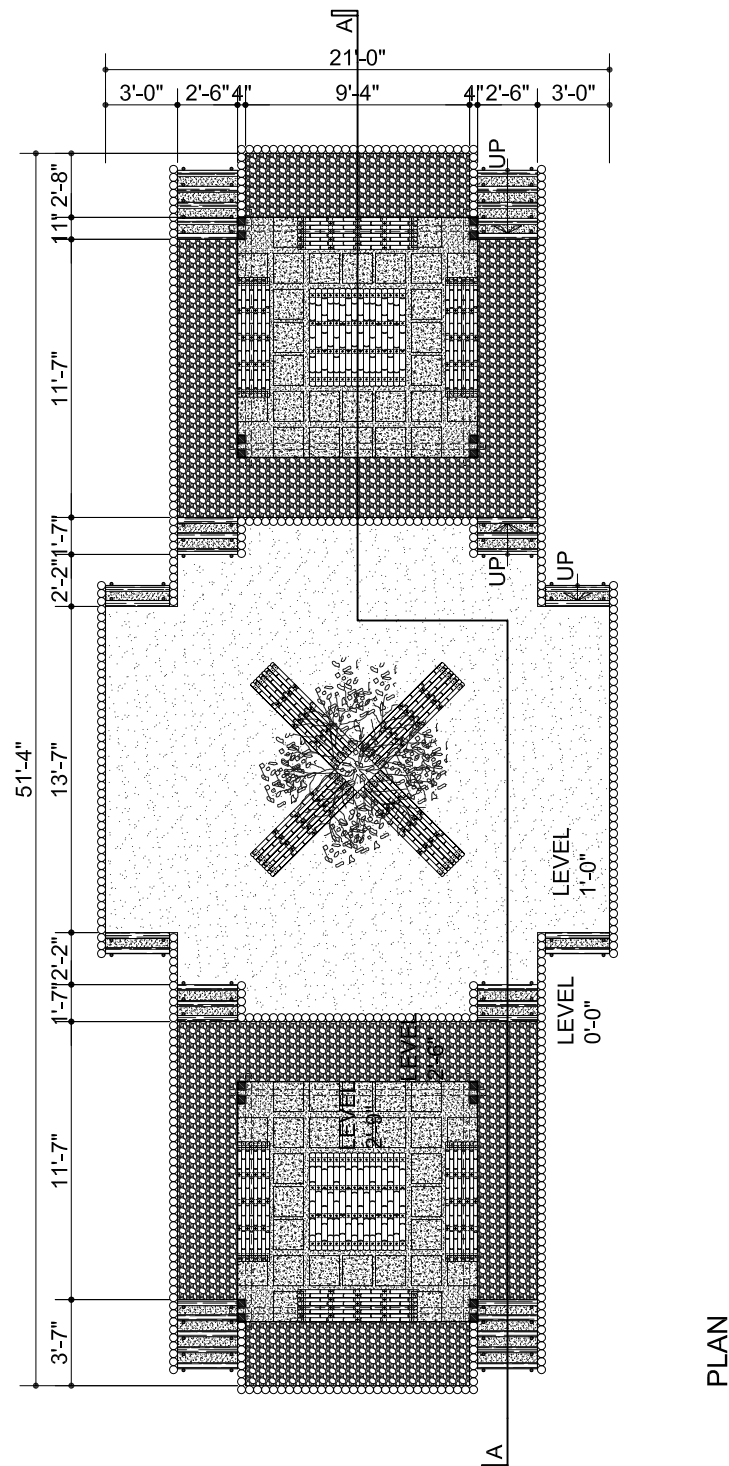


24

PICNIC SHELTER.

Design Drawings.



NISHORGO SUPPORT PROJECT
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Prepared by :
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SCALE : 1/8" = 1'-0"

DRAWN : SHAMEEM

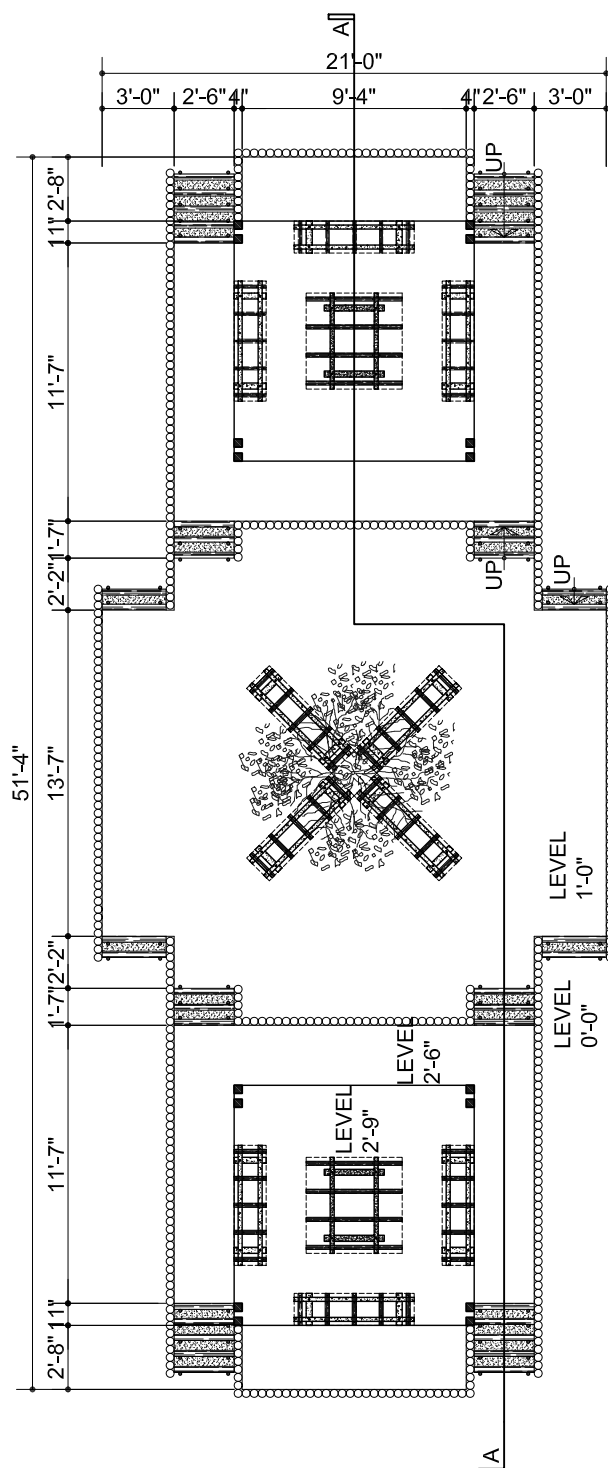
DATE : MARCH, 2007.

SHEET NO : 24 a

24

PICNIC SHELTER.

Design Drawings.



PLAN OF FRAME



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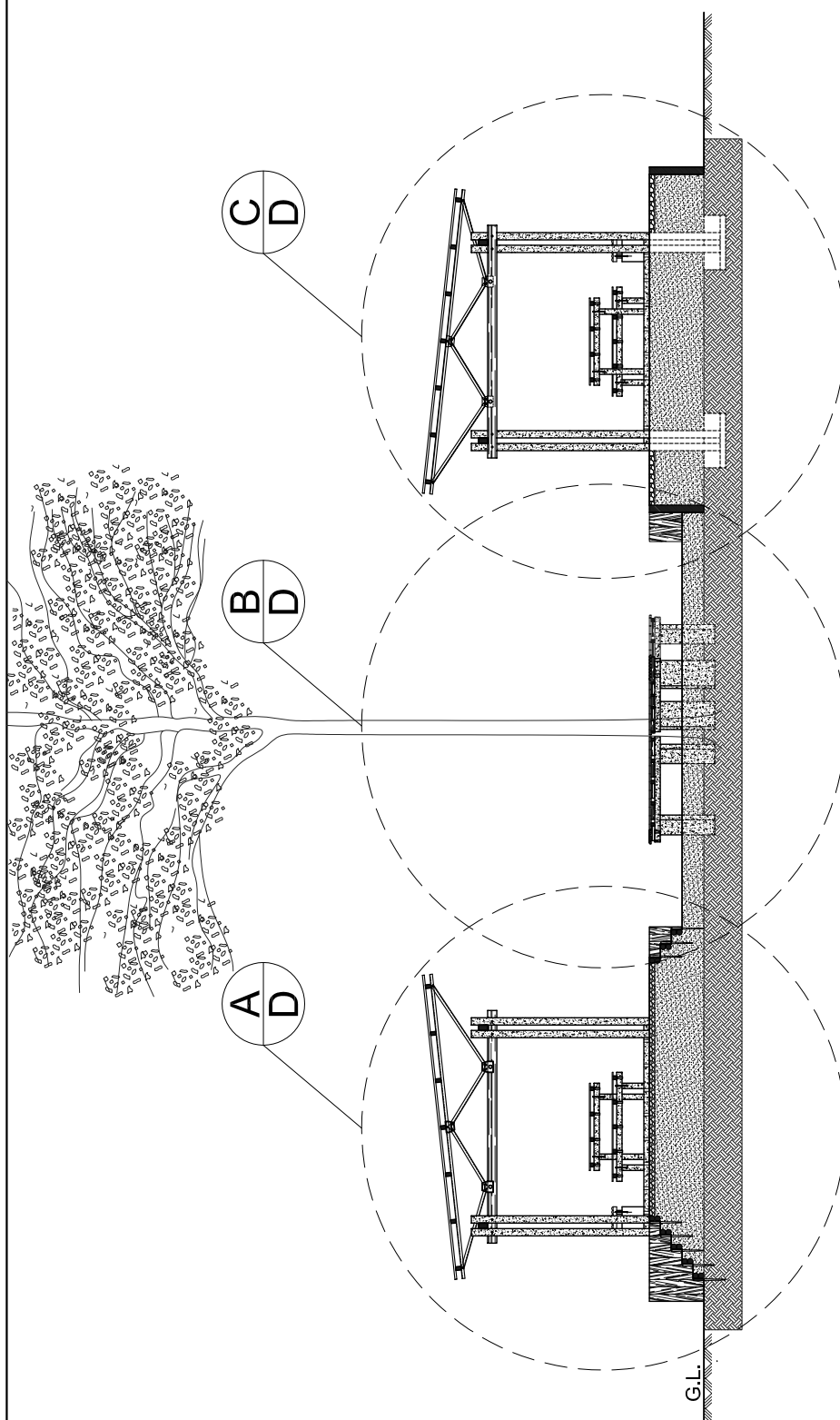
DATE : MARCH, 2007.

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24

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SECTION : A-A



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DRAWN : SHAMEEM

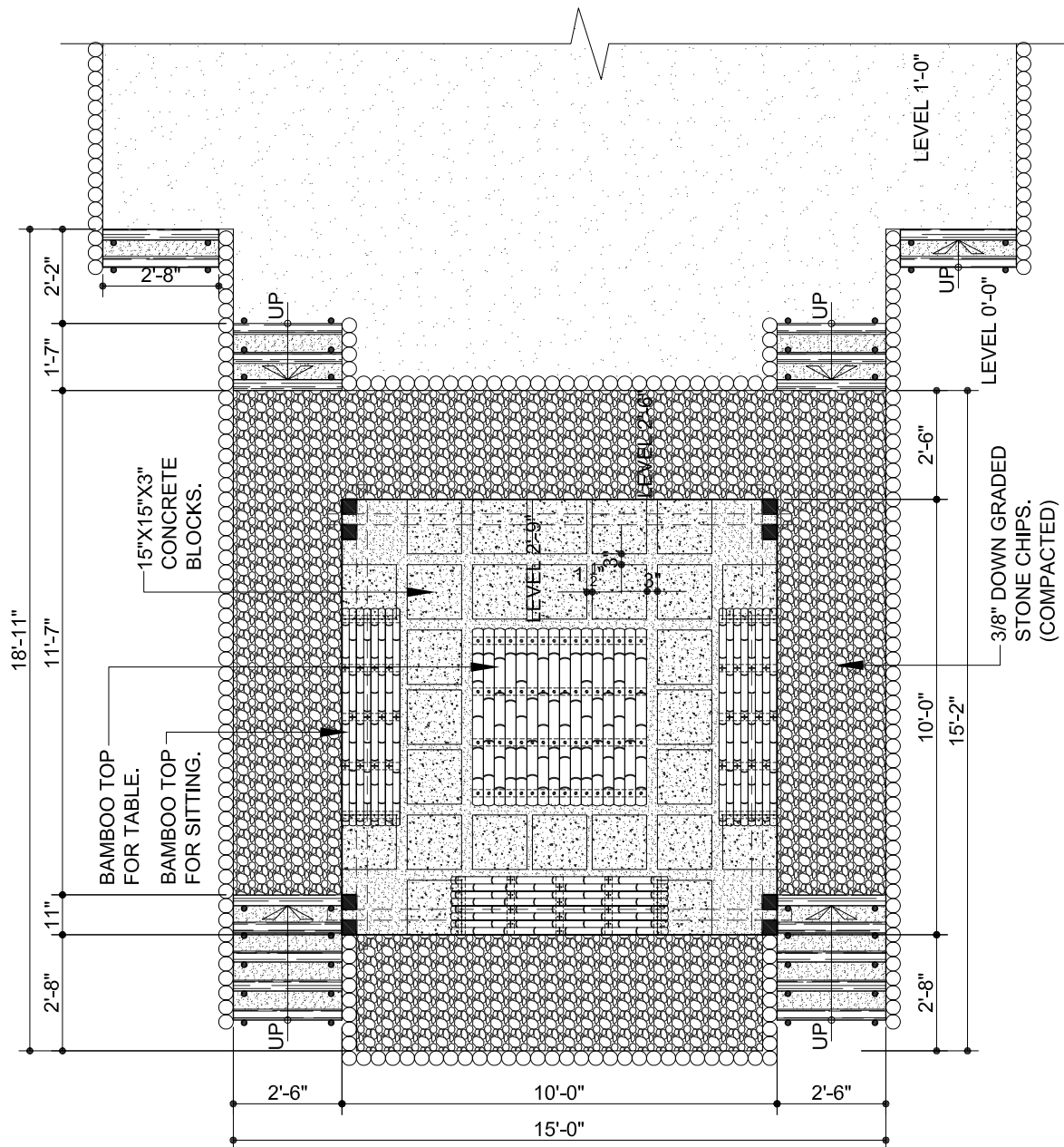
DATE : MARCH, 2007.

SHEET NO : **24 c**

24

PICNIC SHELTER.

Design Drawings.



PART PLAN FOR DETAIL - A



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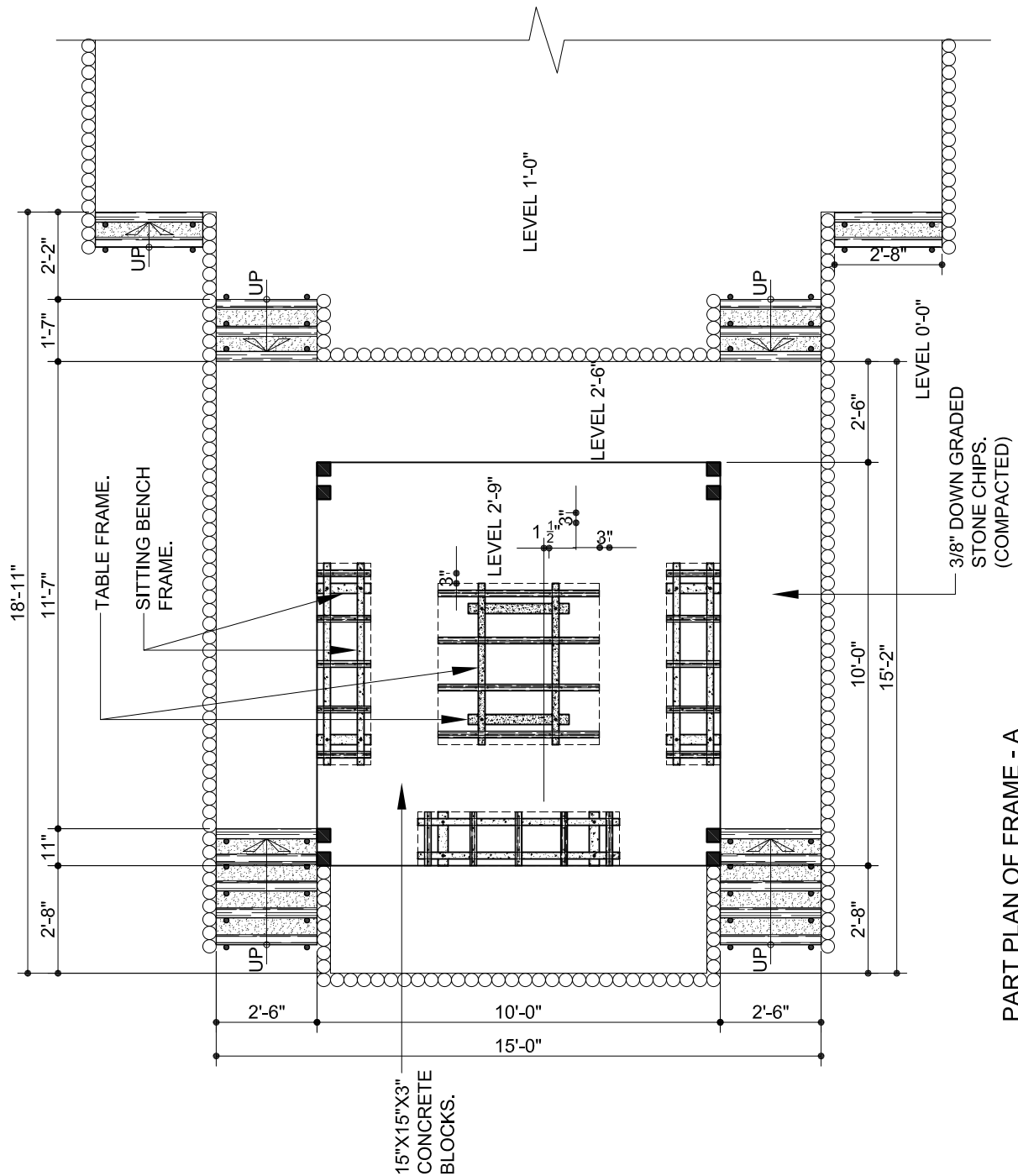
Prepared by :
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PHONE : 8143471
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SCALE : 1/4" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 24 d

24

PICNIC SHELTER.

Design Drawings.



PART PLAN OF FRAME - A



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SCALE : 1/4" = 1'-0"

DRAWN : SHAMEEM

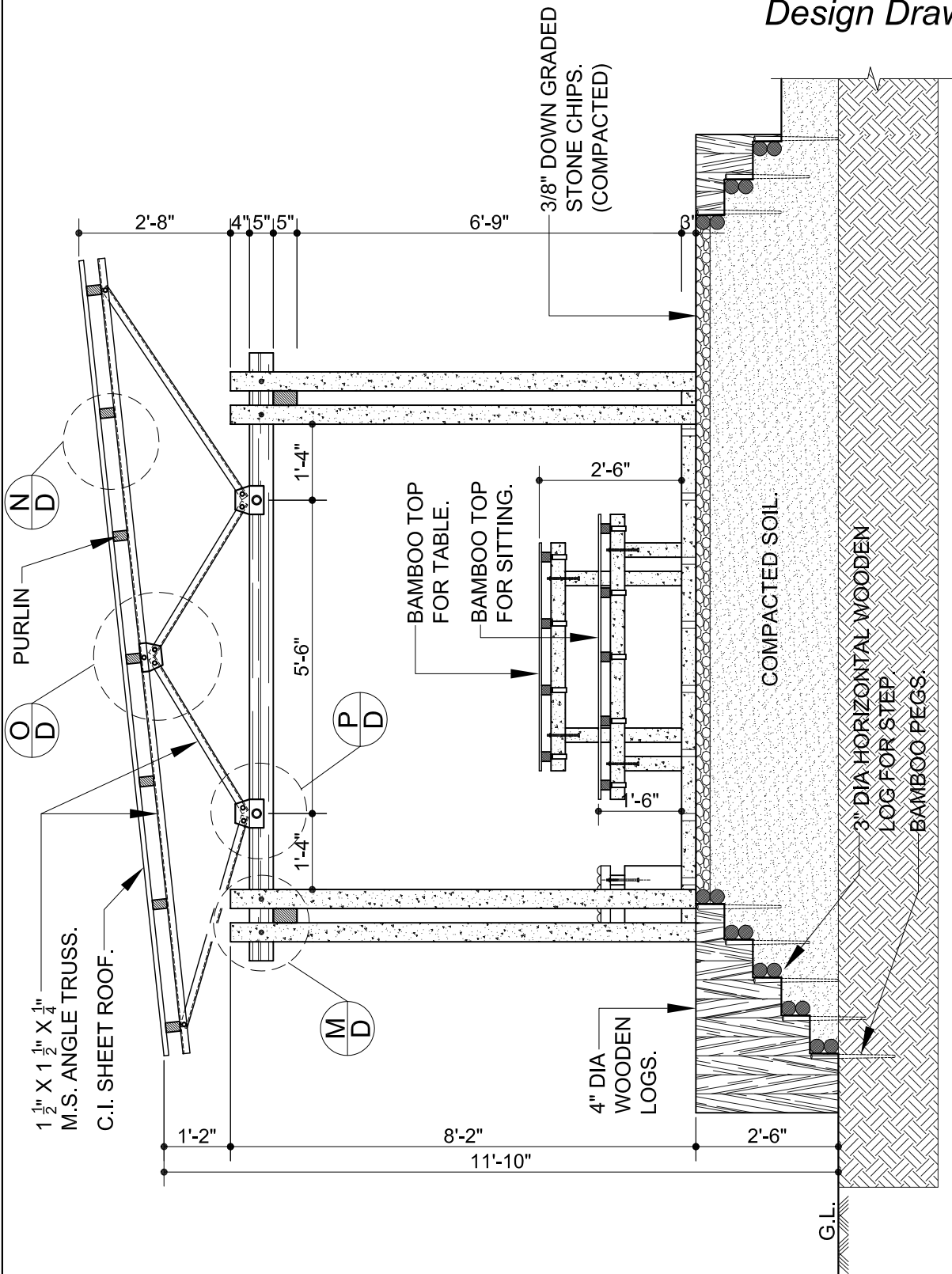
DATE : MARCH, 2007.

SHEET NO : 24 e

24

PICNIC SHELTER.

Design Drawings.



*NOTE :- PLEASE SEE SHEET NOS. 19 e & 19 f FOR DETAIL OF

A
D

M
D, N
D, O
D & P
D



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

DRAWN : SHAMEEM

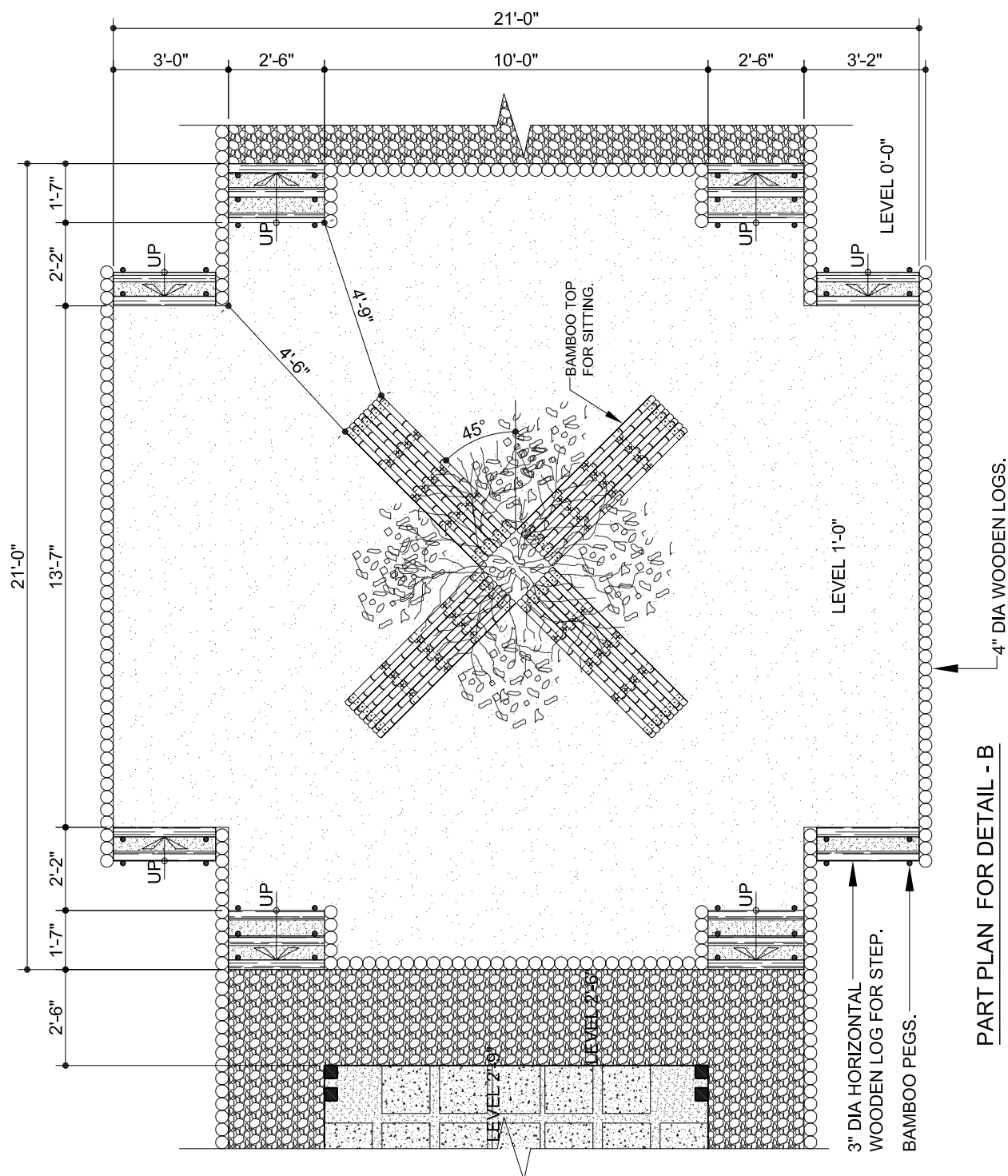
DATE : MARCH, 2007.

SHEET NO : 24 f

24

PICNIC SHELTER.

Design Drawings.



PART PLAN FOR DETAIL - B



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SCALE : 1/4" = 1'-0"

DRAWN : SHAMEEM

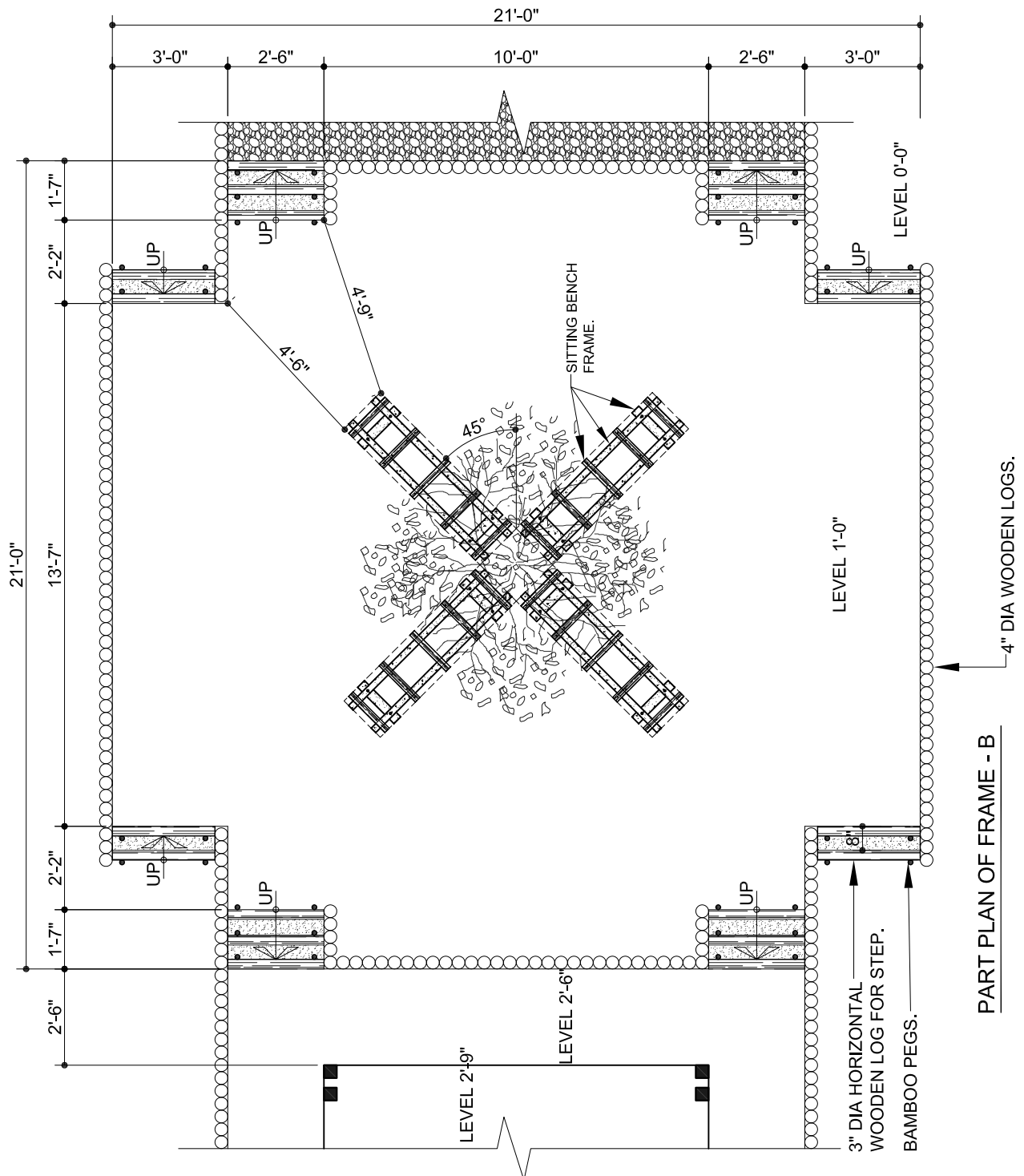
DATE : MARCH, 2007.

SHEET NO : 24 g

24

PICNIC SHELTER.

Design Drawings.



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SCALE : 1/4" = 1'-0"

DRAWN : SHAMEEM

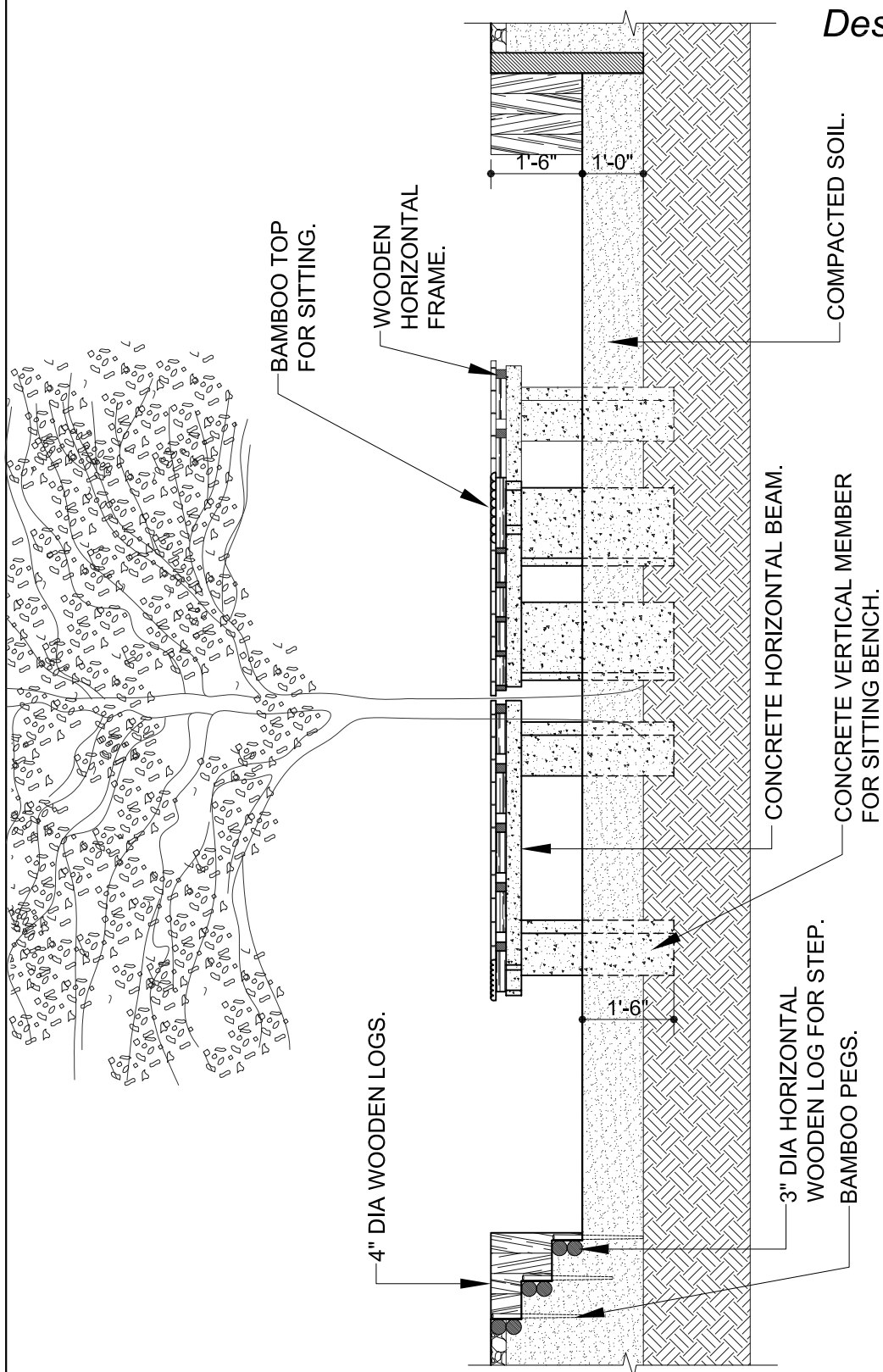
DATE : MARCH, 2007.

SHEET NO : 24 h

24

PICNIC SHELTER.

Design Drawings.



B
D
DETAIL : B



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

DRAWN : SHAMEEM

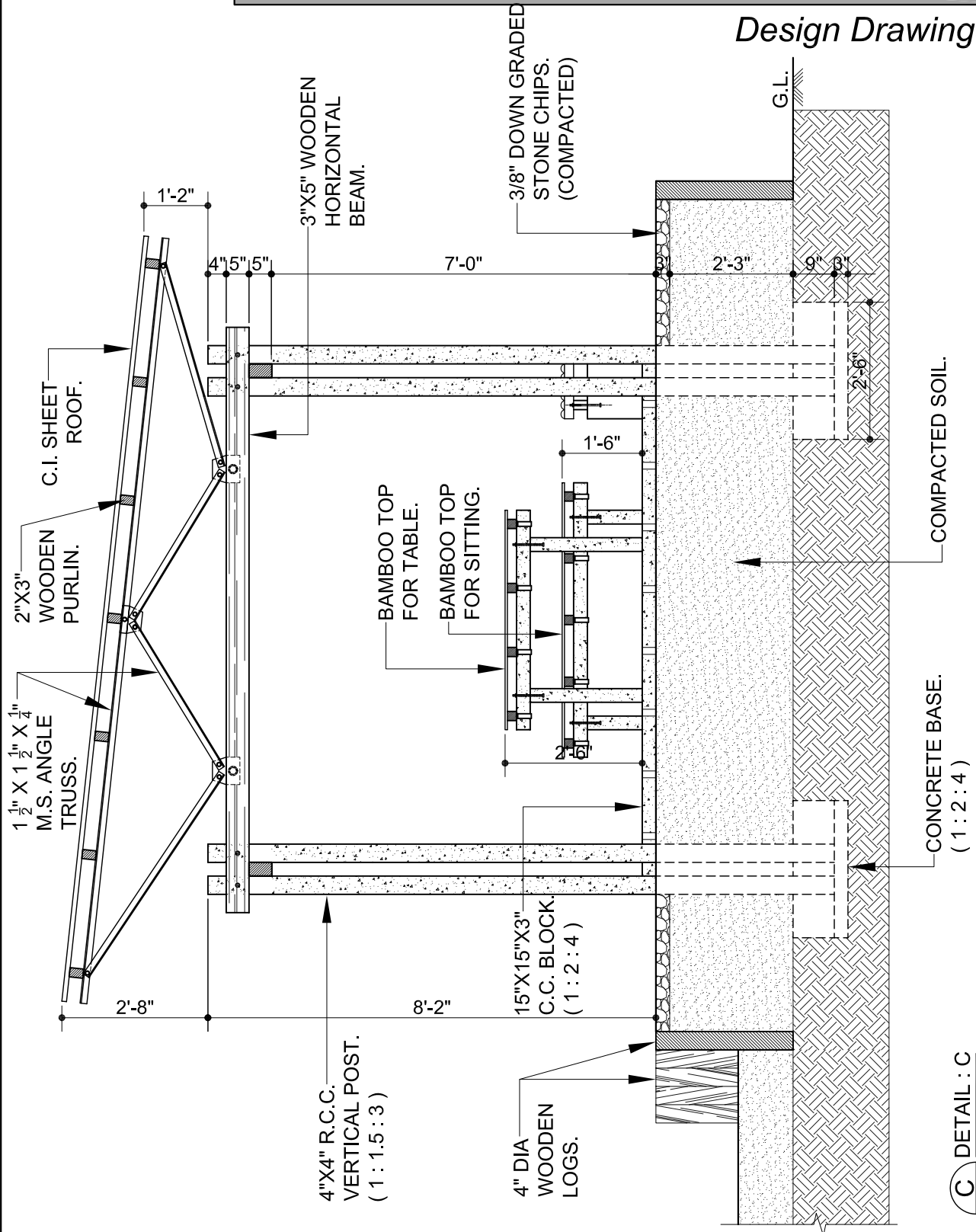
DATE : MARCH, 2007.

SHEET NO : 24 i

24

PICNIC SHELTER.

Design Drawings.



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SCALE : 3/8" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 24 j

Technical Data and Specifications

Components Required for 1 No :

Description	Characteristics	Unit	Dimensions		
			Height	Length	Width
4" dia Wooden Log	4" dia Sal wood vertical post	376 Nos.	5'-0"		4" dia
4" dia Wooden Log	4" dia Sal wood vertical post	121 Nos.	3'-0"		4" dia
3" dia Wooden Log	3" dia Sal wood horizontal member	80 Nos.		2'-6"	3" dia
Sand filling	Local Sand (0.80 F.M.)	1 No.	21'-1"	21'-0"	1'-0"
Sand filling	Local Sand (0.80 F.M.)	2 Nos.	15'-2"	15'-0"	2'-6"
Concrete vertical post	Pre-cast RCC post for shed	16 Nos.	11'-5"	4"	4"
Concrete vertical post	Pre-cast RCC post for Table	8 Nos.	4'-0"	4"	4"
Concrete Base	RCC base (1:2:4)	8 Nos.	1'-0"	2'-6"	2'-6"
Concrete vertical member	Pre-cast RCC member for bench	20 Nos.	2'-6"	1'-4"	3"
Concrete horizontal member	Pre-cast RCC beam for bench	20 Nos.	3"	5'-0"	2"
Concrete horizontal member	Pre-cast RCC beam for table	8 Nos.	4"	4'-0"	4"
Horizontal Beam	Wooden Horizontal Beam	12 Nos.	5"	10'-8"	3"
Steel for Roof Truss (2x4 = 8 Nos. Truss)	1.5"x1.5"x¼" size angle	8 Nos.	1.5"	4'-6"	1.5"
	-do-	16 Nos.	1.5"	3'-7"	1.5"
	-do-	8 Nos.	1.5"	5'-3"	1.5"
	Top member (1.5"x1.5"x¼")	8 Nos.	1.5"	14'-0"	1.5"
M.S. Anchor Plate	3/8" thick M.S. Anchor Plate	24 Nos.	6"	6"	3/8"
M.S. U-Channel	6"x3"x ¼" M.S. U-Channel	16 Nos.	3"	6"	3"
	¼" thick M.S. Plate	16 Nos.	3"	6"	¼"
Wood work	Wooden frame for sitting	50 Pcs.	2"	1'-4"	2"
Wood work	Wooden purlin for roof	14 Pcs	3"	14'-0"	2"
C.I. sheet roofing	0.45mm Corrugated Iron Sheet	14 Nos.	1.5"	8'-0"	2'-6"
		14 Nos.	1.5"	7'-0"	2'-6"
Floor	Pre-cast C.C. Block (1:2:4)	162 Pcs	3"	1'-0"	1'-0"
Stone Chips in outer Plinth	3/8" down graded crushed stone chips	2 Nos.	4"	33'-2"	2'-6"
		2 Nos.	4"	10'-0"	2'-8"
Bamboo for sitting	Matured Bamboo for 10 Nos. bench top	80 Pcs.	2"	5'-0"	2"
Bamboo for top of table	Matured Bamboo for table	48 Pcs.	2"	4'-0"	2"
Hardware	a) 3/8" dia M.S. Nut & Bolt	40 Nos		7"	
	½" dia M.S. Nut & Bolt	16 Nos.		12"	
	3/8" dia M.S. Nut & Bolt	24 Nos.		9"	
	b) ¼" dia M.S. Nut & Bolt	140 Nos.		3"/ 4"	
	c) ¼" dia M.S. screw with washer	3 Gross		2.5"	
	d) M.S. Flat bar U-clamp	100 Pcs.			
	e) Wire nail 3" long	1 Lot			

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	.			1440	
Aggregate	Stone chips		3.76			
Sand	Coarse sand (F.M. 2.5)		1.25			
Sand	Medium Sand (F.M. 1.5)		0.53			
Filling Sand	Filling Sand (F.M. 0.80)		44.72			
Wooden Log	Sal wood (4" dia) vertical					684.00 Rm
Wooden Log	Sal wood (3" dia) horizontal					61.00 Rm
Wood Work in Beam and Purlin	Garjon wood		0.90			
Steel Truss	M.S. angle (1.5"x1.5"x ¼")				300.00	
M.S. Anchor plate	3/8" thick M.S. Anchor Plate				18.00	
M.S. U Channel	6"x3"x ¼" M.S. U Channel	12 Nos.				
M.S. Flat Bar Clamp	2" x ¼" Flat bar clamp	12 Nos.				
M.S. Box	1" x 1" M.S. Box	16 Nos. 8 Nos.				11'-6" each 4'-0" each
C.I. sheet roofing	0.45mm thick C.I. sheet	13 Pcs. 13 Pcs.				8'-0" long 7'-0" long
C.C. block	Precast Cement Concrete block	162 Pcs.	18.60 M ²			
Bamboo for sitting	Matured Bamboo	80 Pcs.				5'-0" each
Bamboo for table	Matured Bamboo	48 Pcs.				4'-0" each
Stone chips in plinth	3/8" down graded stone chips		2.05 M ³			
Hardware	a) 3/8" dia M.S. Nut & Bolt ½" dia M.S. Nut & Bolt 3/8" dia M.S. Nut & Bolt b) ¼" dia M.S. Nut & Bolt c) ¼" dia M.S. screw with washer d) M.S. Flat bar U-clamp e) Wire nail 3" long	40 Nos 16 Nos. 24 Nos. 140 Nos. 3 Gross 100 Pcs. 1 Lot				7" long 12" long 9" long 3"/ 4" long 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 used.
- The concrete should be softened before compaction for leveling. Necessary water may used at the time of compaction.
- Sand filling on floor should be compacted properly with sufficient water spraying.
- 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.
- All bamboos to be used in bench & table should be well matured.