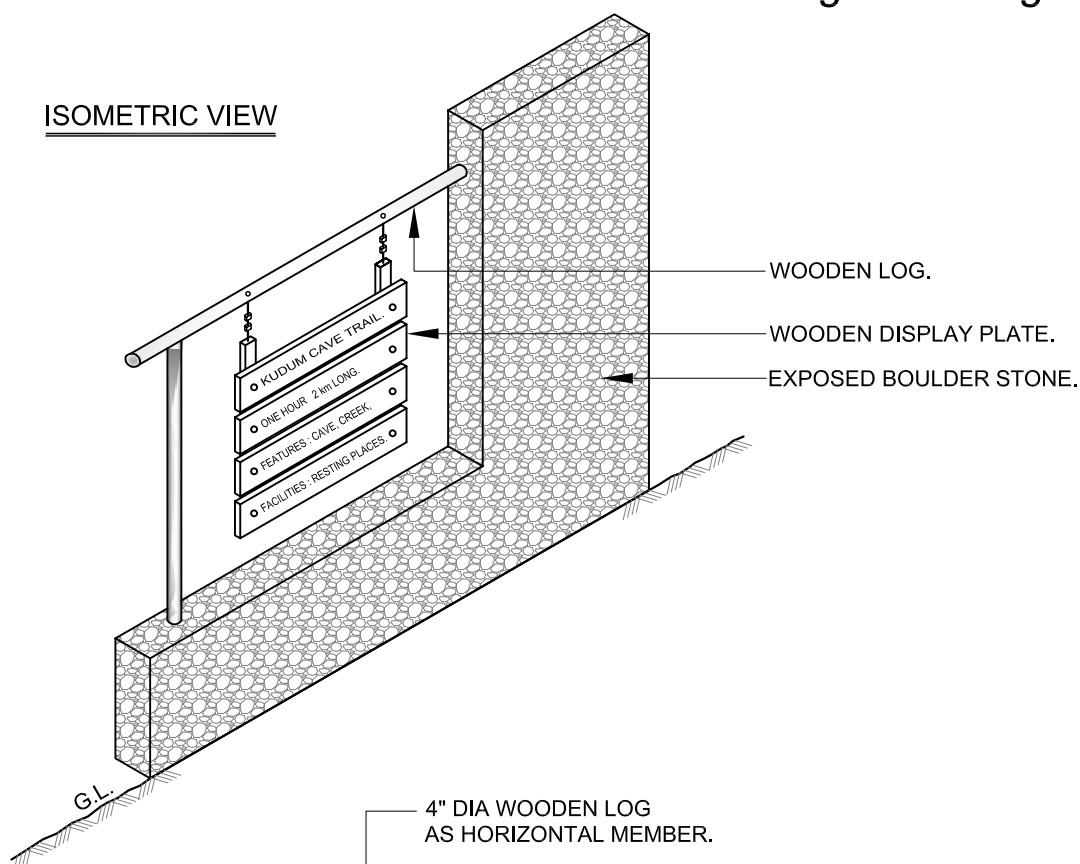


12

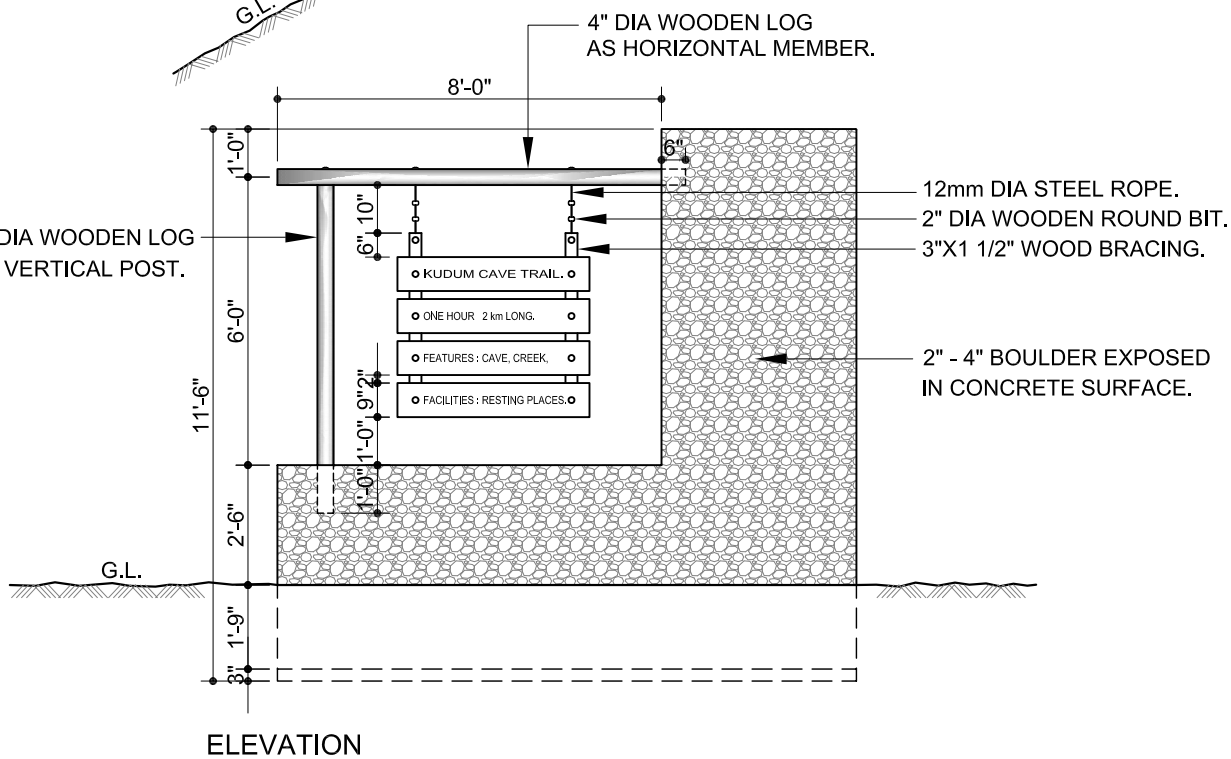
INFORMATION DISPLAY AREA NOT WITHIN TRAILS

Design Drawings.

ISOMETRIC VIEW



4" DIA WOODEN LOG
AS VERTICAL POST.



NISHORGO SUPPORT PROJECT
&
DEPT. OF FOREST GOB.

Prepared by :
VITTI STHAPATI BRINDO LTD.
2- SHANGSHAD AVENUE
DHAKA -1215.
PHONE : 8143471
FAX : 880 2 8143470
E-mail : vittibd@gmail.com

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

DRAWN : SHAMEEM

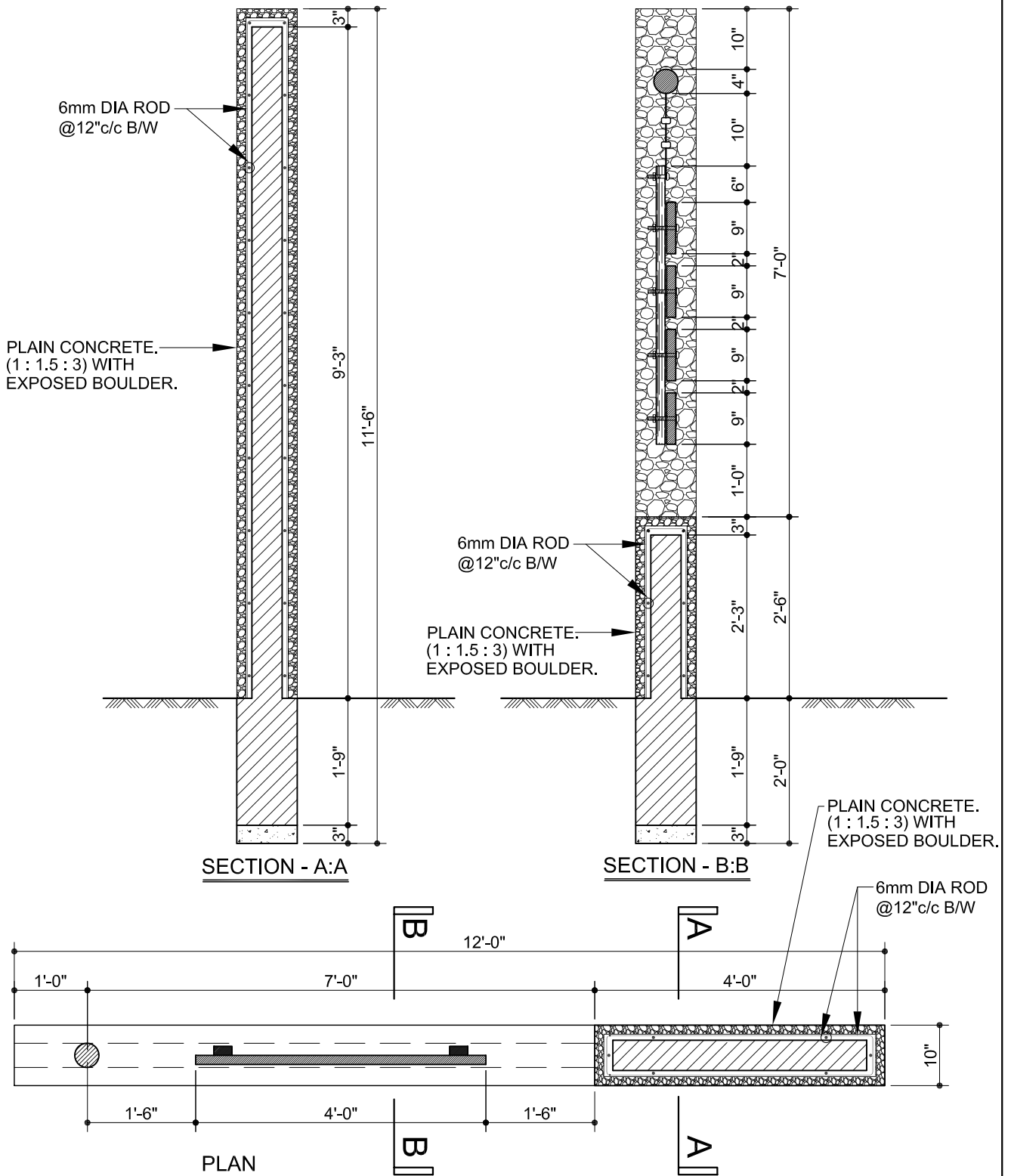
DATE : MARCH, 2007.

SHEET NO : 12 a

12

INFORMATION DISPLAY AREA NOT WITHIN TRAILS

Design Drawings.



NISHORGO SUPPORT PROJECT
&
DEPT. OF FOREST GOB.

Prepared by :
VITTI STHAPATI BRINDO LTD.
2- SHANGSHAD AVENUE
DHAKA - 1215.
PHONE : 8143471
FAX : 880 2 8143470
E-mail : vittibd@gmail.com

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

DRAWN : SHAMEEM

DATE : MARCH, 2007.

SHEET NO : 12 b

Technical Data and Specifications

Components Required for 1 No :

Description	Characteristics	Unit	Dimensions		
			Height	Length	Width
Concrete under Base	Mass Concrete (1:3:6)	1 Pc.	3"	12'-0"	10"
Brick work in Foundation in cement sand mortar (1:6)	First Class Brick work	1 Pc.	1'-9"	12'-0"	10"
Superstructure Brick work in cement sand mortar (1:4)	First Class Brick work	1 Pc.	2'-3"	11'-6"	5"
Superstructure Brick work in cement sand mortar (1:4)	First Class Brick work	1 Pc.	7'-0"	3'-6"	5"
Reinforced Cement Concrete (1:1.5:3) with 12mm down graded stone chips.	In-situ concrete (vertical side)	2 Pcs	2'-6"	12'-0"	2.5"
	In-situ concrete (vertical side)	2 Pcs	7'-0"	4'-0"	2.5"
	In-situ concrete (Horizontal Top member)	1 Pc.	0'-3"	12'-0"	10"
	In-situ concrete (Vertical End member)	2 Pcs	11'-6"	0'-10"	3"
Cladding with Boulder	2" to 4" dia boulder	1.098 m ³			
4" dia vertical Post	Sal wood post	1 Pc	7'-0"		4" dia
4" dia Horizontal Member	Wooden (Sal wood) Horizontal member	1 Pc	-	8'-6"	4" dia
Wooden bracing (vertical)	Garjon wood bracing	2 Pcs	4'-0"	3"	1.5"
Horizontal Plate for Writing	Ctg. Teak Wood plate	4 Pcs	9"	4'-0"	1.5"
Ornamental wooden bit	Ctg. Teak wood bit	4 Pcs	2"		2" dia
½" dia steel rope	Steel rope	2 Pcs	2'-0"		½" dia
½" dia cable lucks	Cable clamp	2 Pcs			
¼" dia Nut & Bolt	M.S. Nut & Bolt	8 Pcs	-	4"	¼" dia
3/8" dia Nut & Bolt	M.S. Nut & Bolt	3 Pcs	-	7"	3/8" dia
3/8" dia Nut & Bolt	M.S. Nut & Bolt	2 Pcs	-	3"	3/8" dia

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				575	
Sand	Medium Coarse sand (F.M. 1.5)		0.396			
Sand	Course sand (F.M. 2.5)		0.481			
Bricks	1st Class Kiln Burnt Bricks	500				
Aggregate	Brick Chips (3/4" down graded)		0.056			
Aggregate	Stone chips (1/2" down graded)		1.00			
Reinforcement	40 grade deformed rod				45.00	
Boulder	2" to 4" dia Boulder		0.90			
Wood work	Sal wood		0.037			
Wood work	Garjon wood		0.007			
Wood work	Ctg. Teak wood		0.042			
½" dia steel rope	Steel rope	2 Pcs				
½" dia cable lucks	Cable clamp	2 Pcs				
¼" dia Nut & Bolt	M.S. Nut & Bolt	8 Pcs				4"
3/8" dia Nut & Bolt	M.S. Nut & Bolt	3 Pcs				7"
3/8" dia Nut & Bolt	M.S. Nut & Bolt	2 Pcs				3"
Chemical for Treatment of Wood	Wood preservative	1 Lot				

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.
- The boulders should be placed in concrete surface manually during casting and top surface should be cleaned accordingly.
- 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)
- All bricks should be of 1st class kiln burnt bricks with proper shape, size and sound.
- Exposed boulder stone should be provide manually during casting with proper precaution.