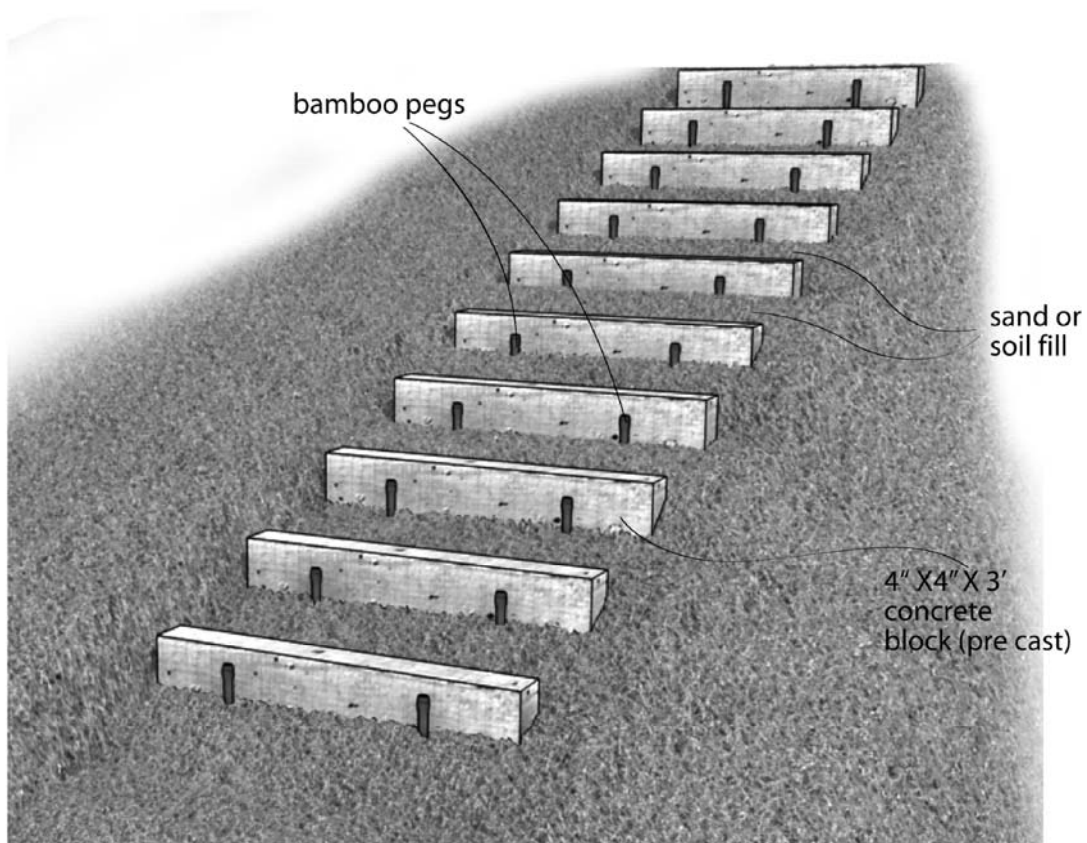


8B

STEPS FOR GRADUAL HIKING TRAILS (4" STEPS)

Axonometric View.



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SCALE : NOT TO SCALE

DRAWN : SHAMEEM

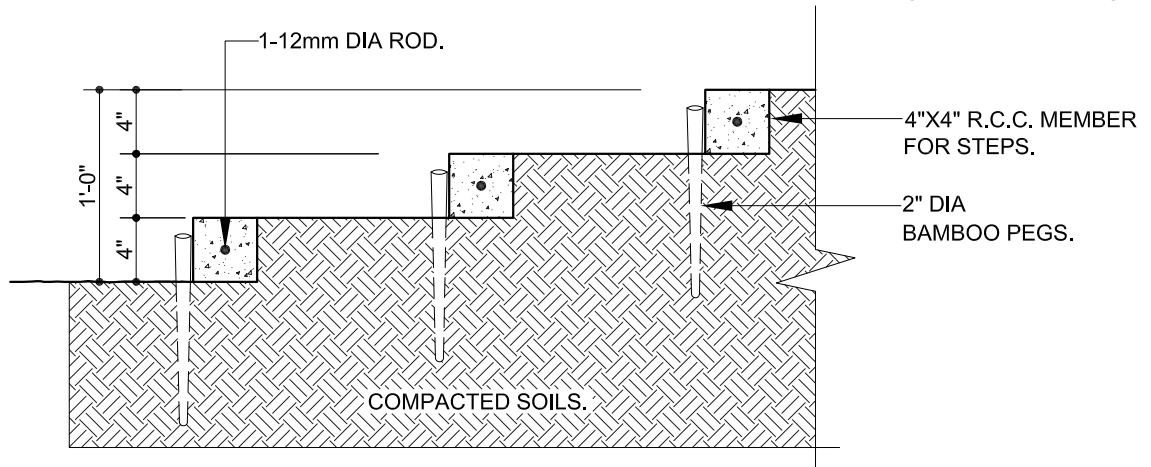
DATE : MARCH, 2007.

SHEET NO : 8B 1

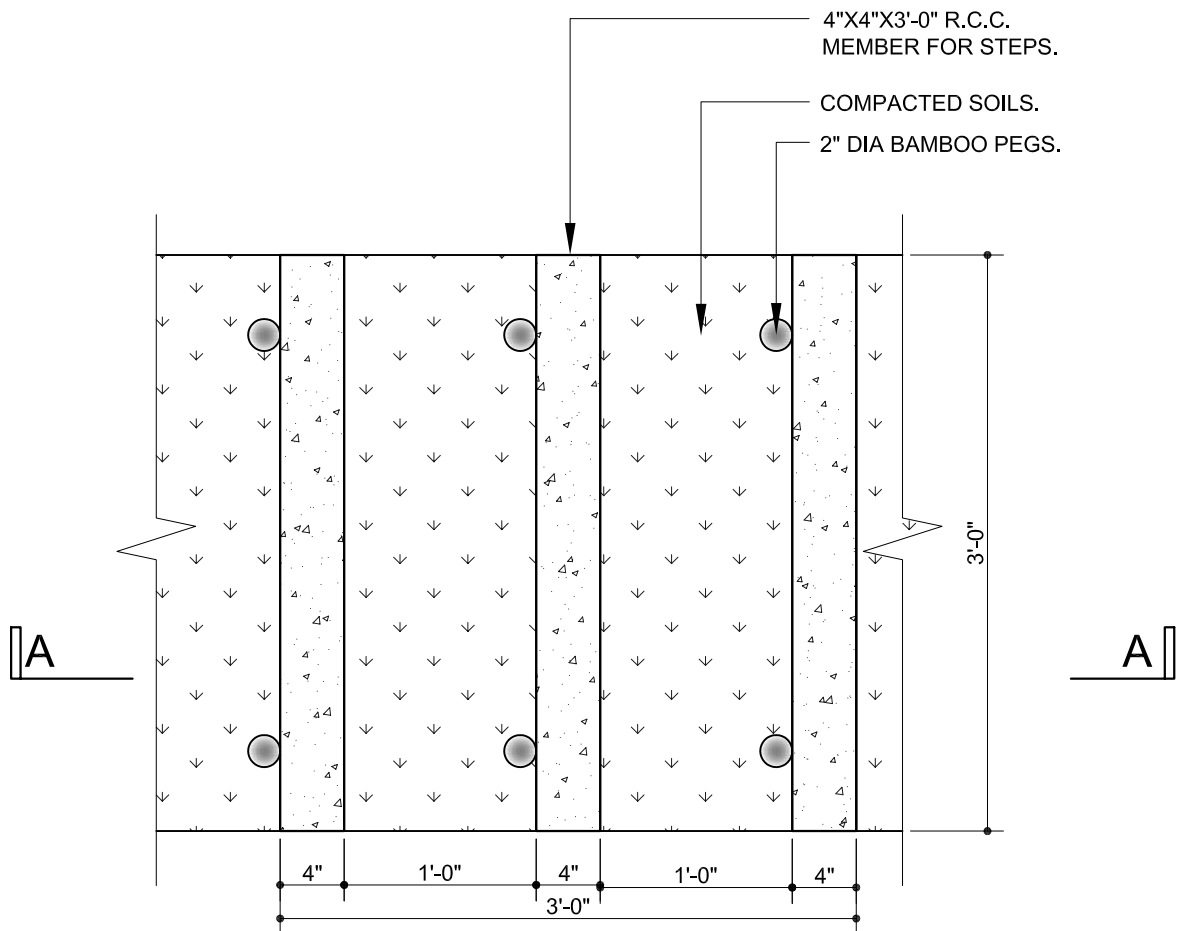
8B

STEPS FOR GRADUAL HIKING TRAILS (4" STEPS)

Design Drawings.



SECTION - A:A



PLAN



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SCALE : 1" = 1'-0"
DRAWN : SHAMEEM
DATE : MARCH, 2007.
SHEET NO : 8B 2

8.B

STEPS FOR GRADUAL HIKING TRAILS (4" STEPS)

Technical Data and Specifications

Components Required for 10 ft long way :

Description	Characteristics	Unit	Dimensions		
			Height	Length	Width
Concrete member	Pre-cast RCC member	9 Nos.	4"	3'-0"	4"
Bamboo pegs	2" dia Bamboo Pegs	18 Nos.	1'-6"	-	2" dia
Equipment for cutting, leveling & compacting the soil as per design	Spade, rope, pegs, hand compactor, shovel, wooden mallet	1 Item			

Summary of Materials :

Fit out Parts	Type of Materials	Nos.	Volume		Weight (Kg)	Long (mm)
			M ³	(p.m.p.)		
Cement	Portland Cement				33 Kg	
Aggregate	Stone Chips		0.08			
Sand	Coarse sand (F.M. 2.5)		0.40			
Steel	M.S. rod (12mm dia)					27'-0"
Bamboo Pegs	Matured bamboo pegs	18				
Equipment for cutting, leveling & compacting the soil as per design & drawing	Spade, Rope & pegs, hand compactor, shovel, wooden mallet etc.	1 Item				

Specifications :

1. Concrete should be poured in proportion 1:1.5:3 (Cement : Sand : Stone chips)
2. Stone chips should be of 12 mm down graded.
3. Sand and chips should be washed with pure water properly before used.
4. The concrete should be softened before compaction.
5. Water cement ratio should be properly maintained.
6. Earth should be excavated, leveled & compacted as per designed drawing.

DEPARTMENT OF FOREST, GOB
&
NISHORGO SUPPORT PROJECT

Design Guideline:
STEPS FOR GRADUAL HIKING TRAILS

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