



# Transitional Shelter

## Technical Details

Proposed by

CHF's Emergency Response team and IFRC/PADRU

Shelter Focal Point

PERU

August, 2007

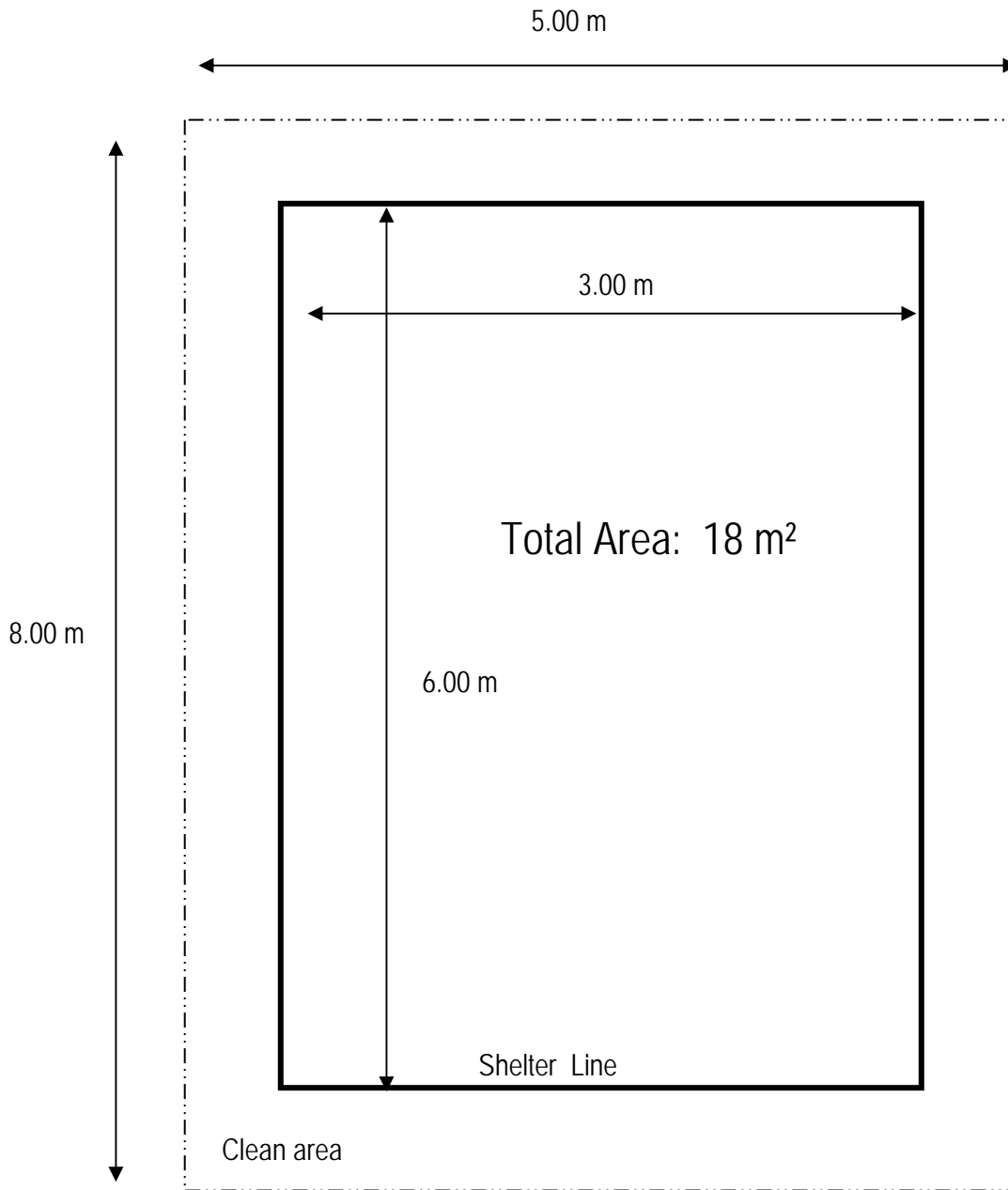


International Federation of Red Cross and Red Crescent Societies  
Fédération internationale des Sociétés de la Croix-Rouge et du Croissant-Rouge  
Federación Internacional de Sociedades de la Cruz Roja y de la Media Luna Roja  
الاتحاد الدولي لجمعيات الصليب الأحمر والهلال الأحمر

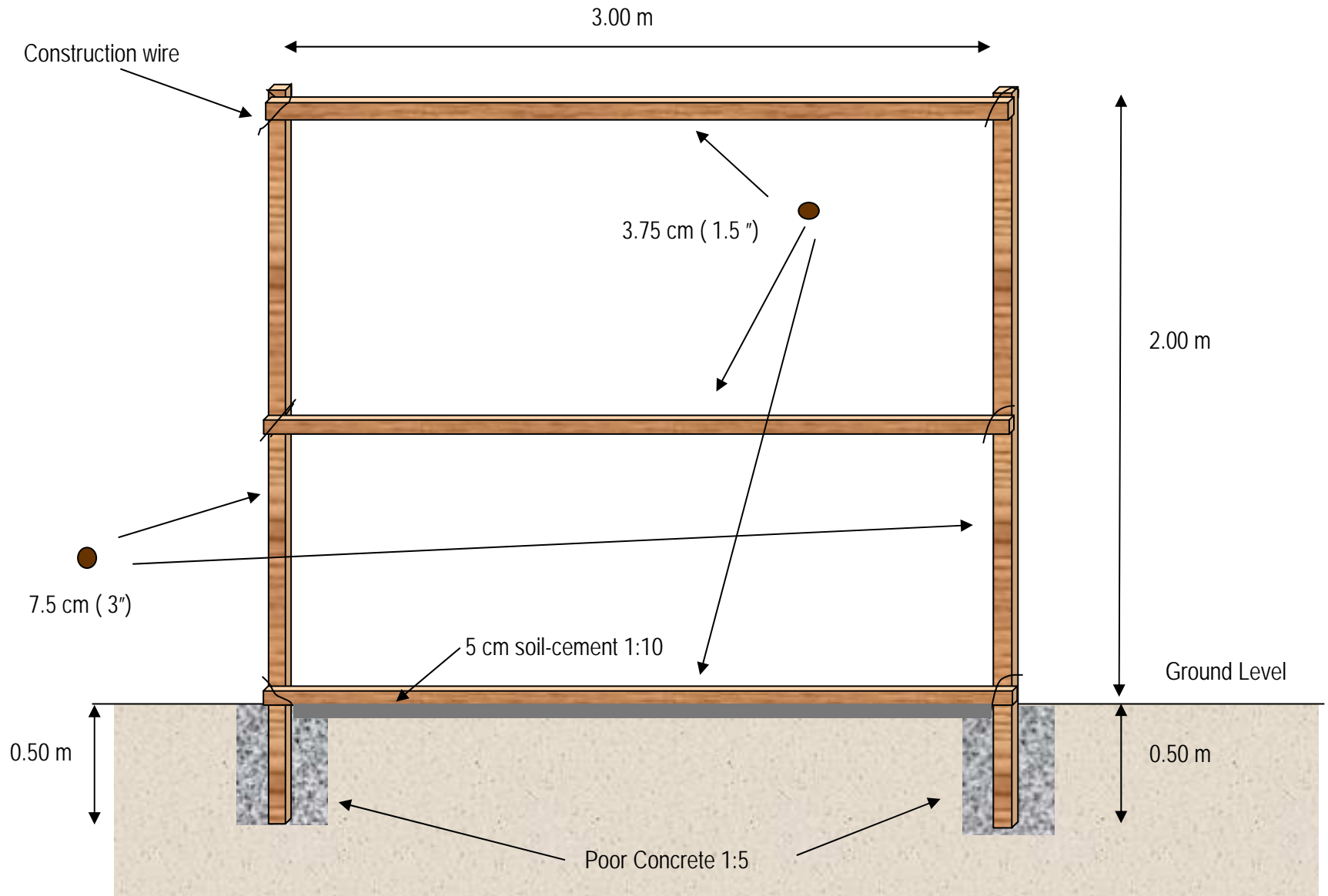
CHF, with the support of IFRC for provide a plastic sheeting and joint assessments and feasibility mission, will provide emergency shelter to those families who lost the houses as a result of the August 15, 2007 earthquake in Peru. *The 18 square meters lightweight frame emergency shelters have been designed for easy fabrication, modification and replication.* The emergency shelter will use local materials like wood poles, woven grass mats, plastic sheeting and cement. The emergency shelter will incorporate appropriate protection, ventilation and insulation for its inhabitants.

***The shelter cost is about US \$200.***

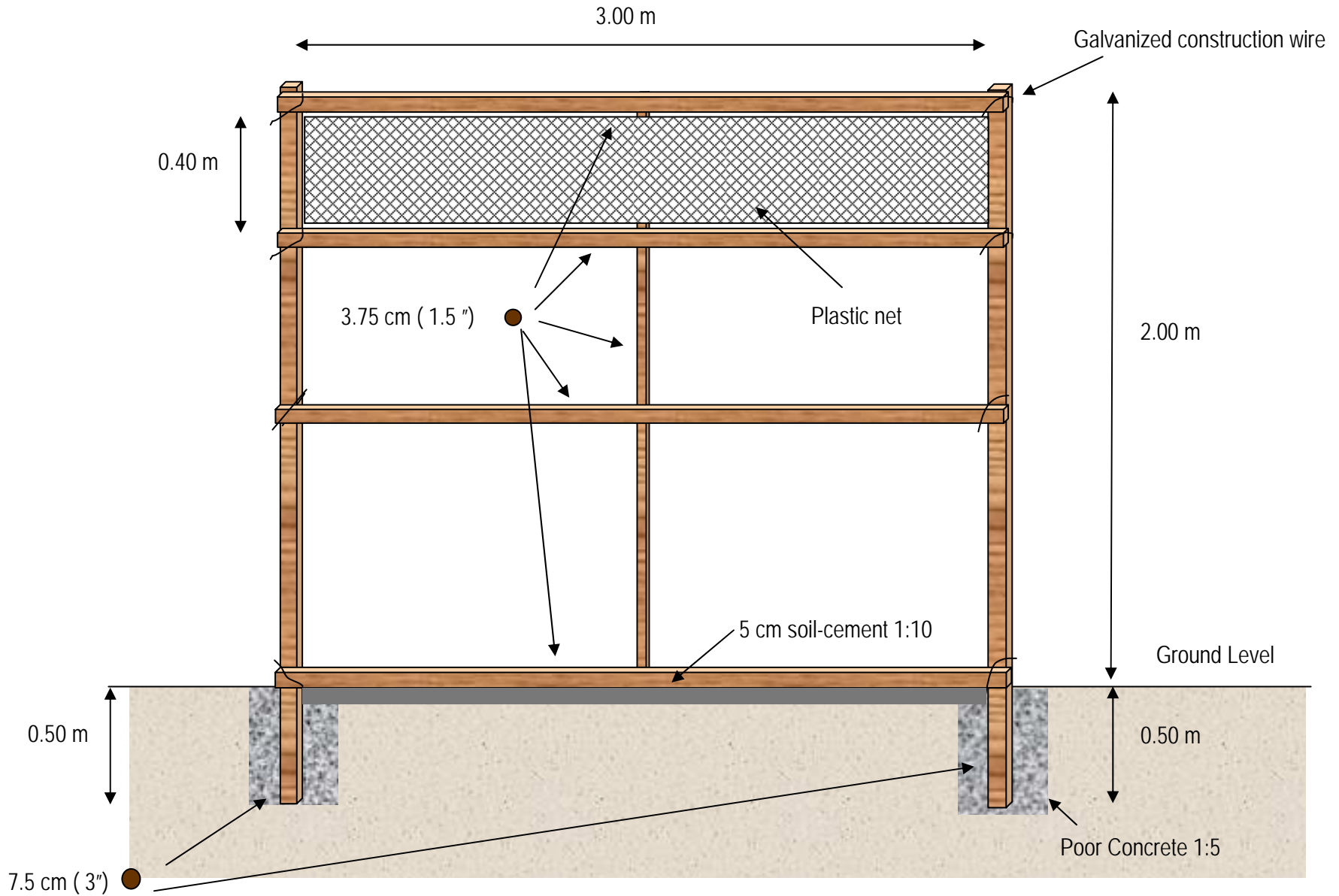
# Floor Plan

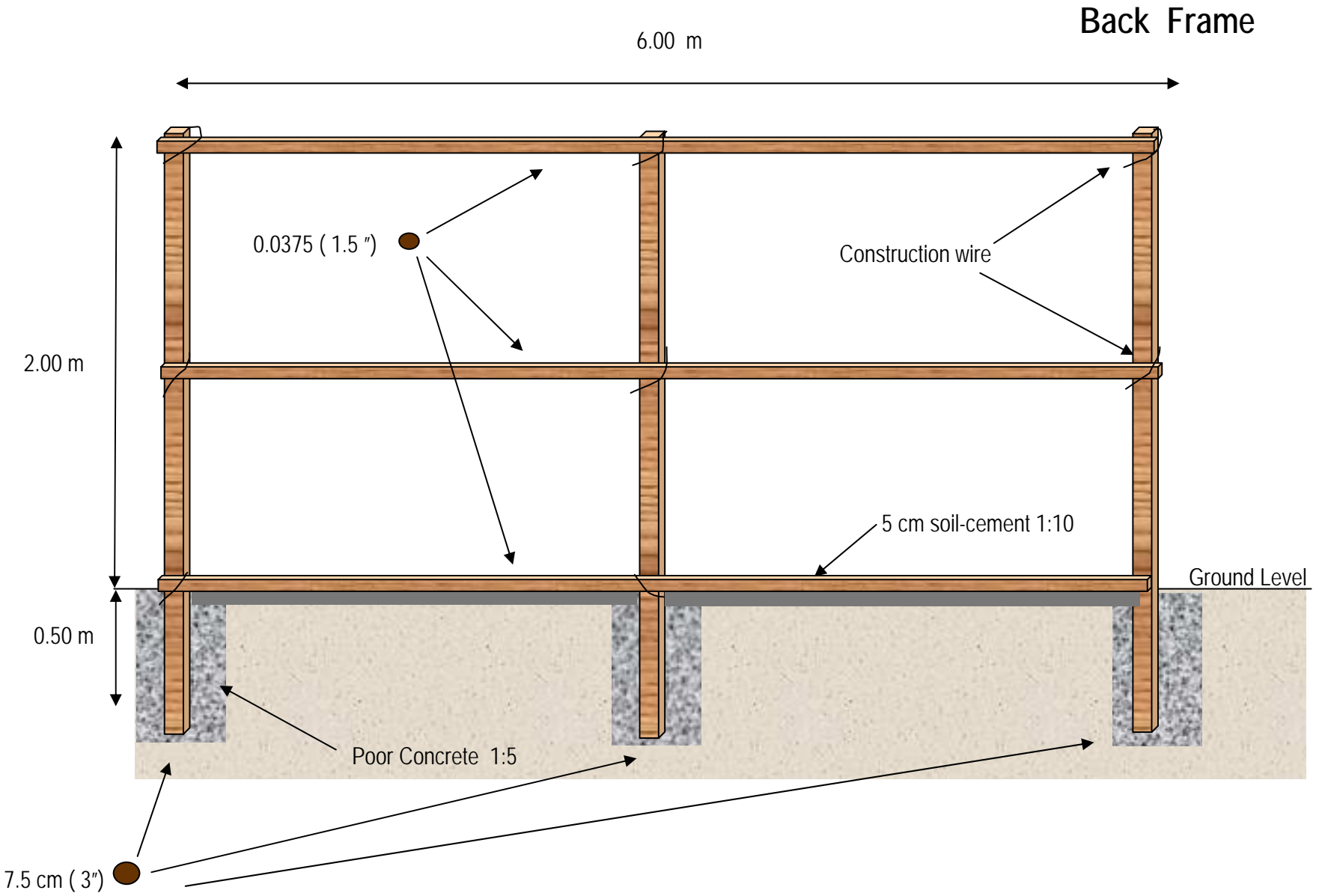


# Lateral Frame (a)



# Lateral Frame (b)





# Front Frame

0.90 m

6.00 m

2.00 m

0.50 m

Door frame made of  
3.5 cm diameter poles

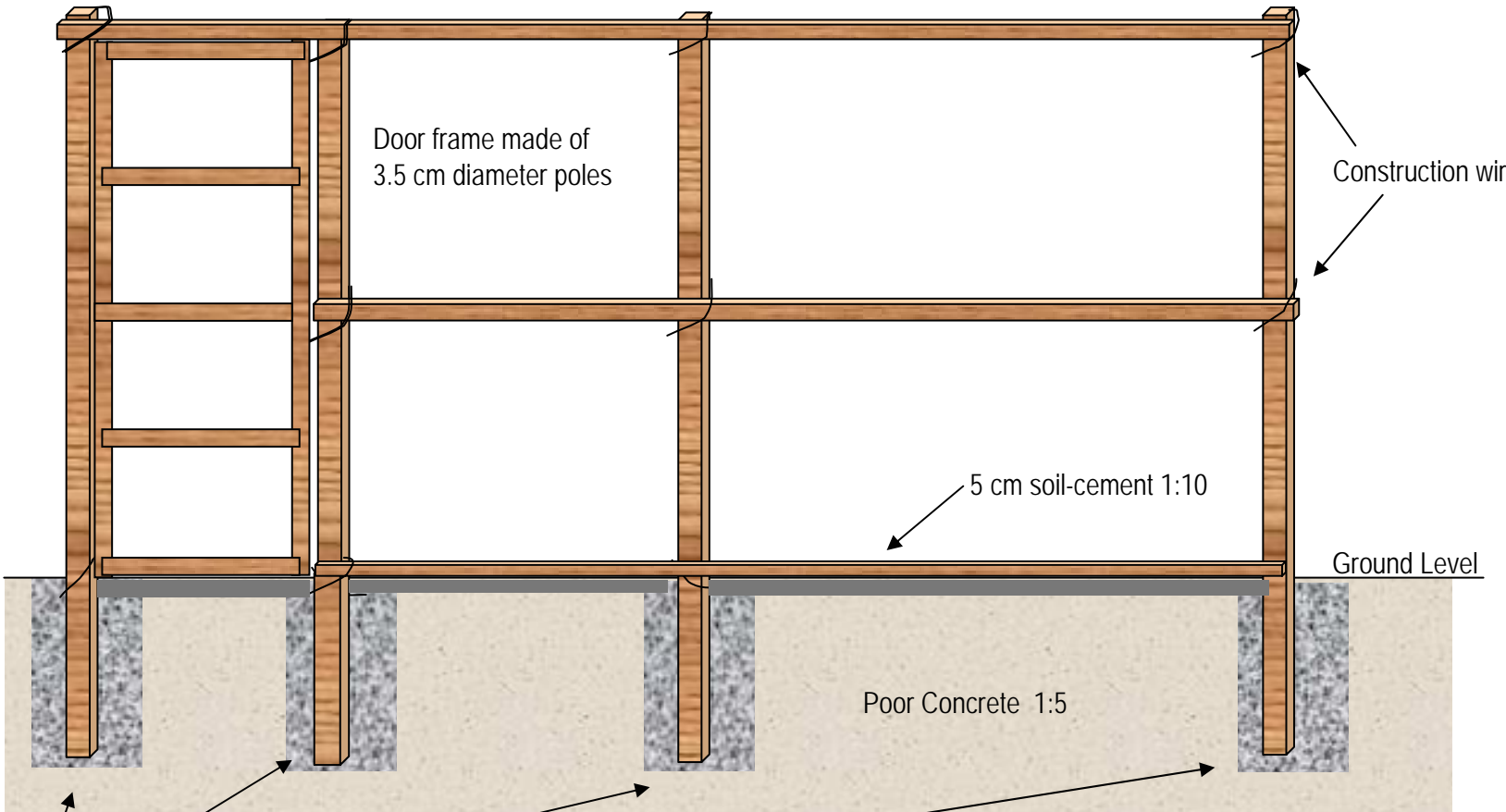
Construction wire

5 cm soil-cement 1:10

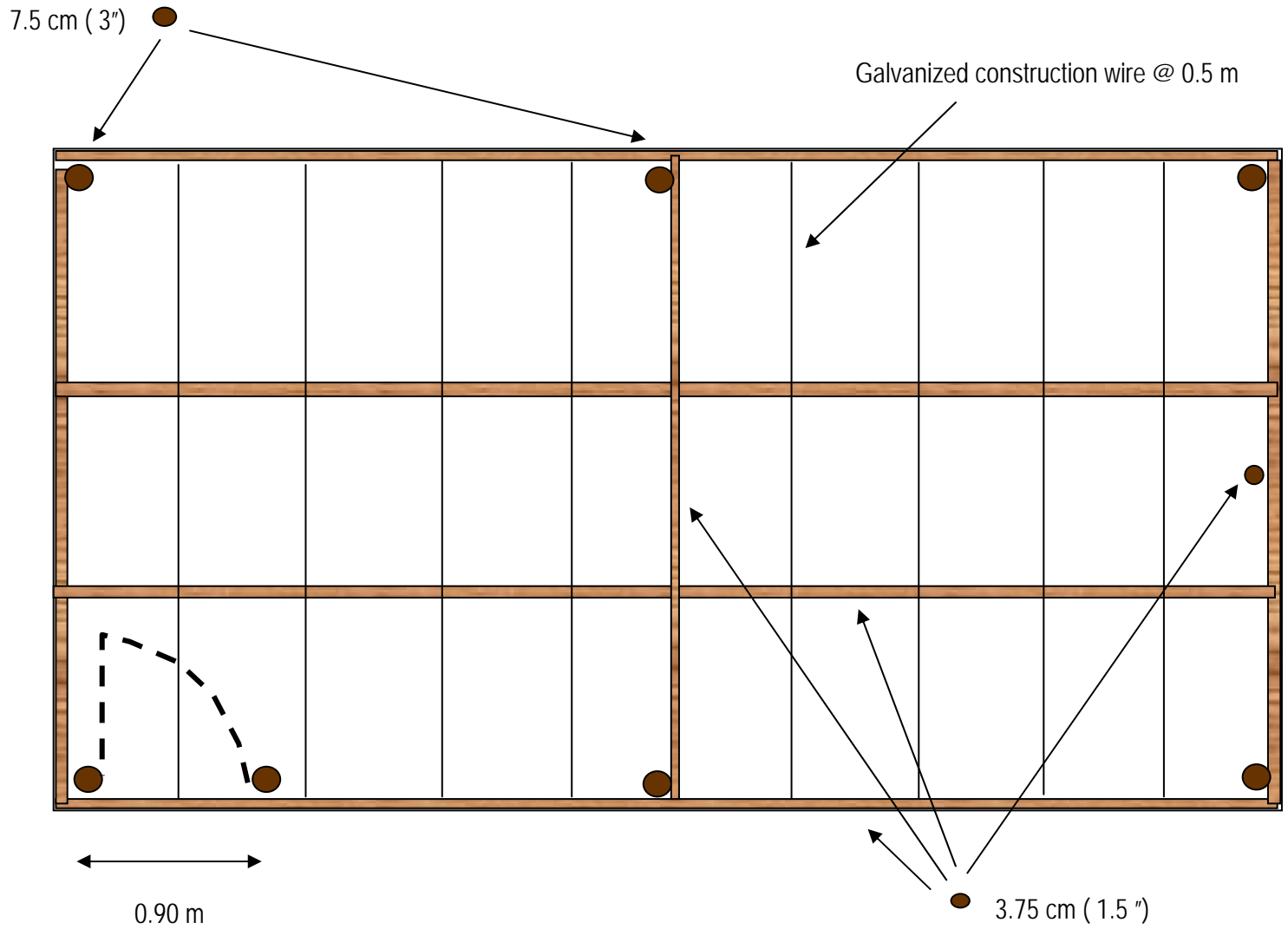
Ground Level

Poor Concrete 1:5

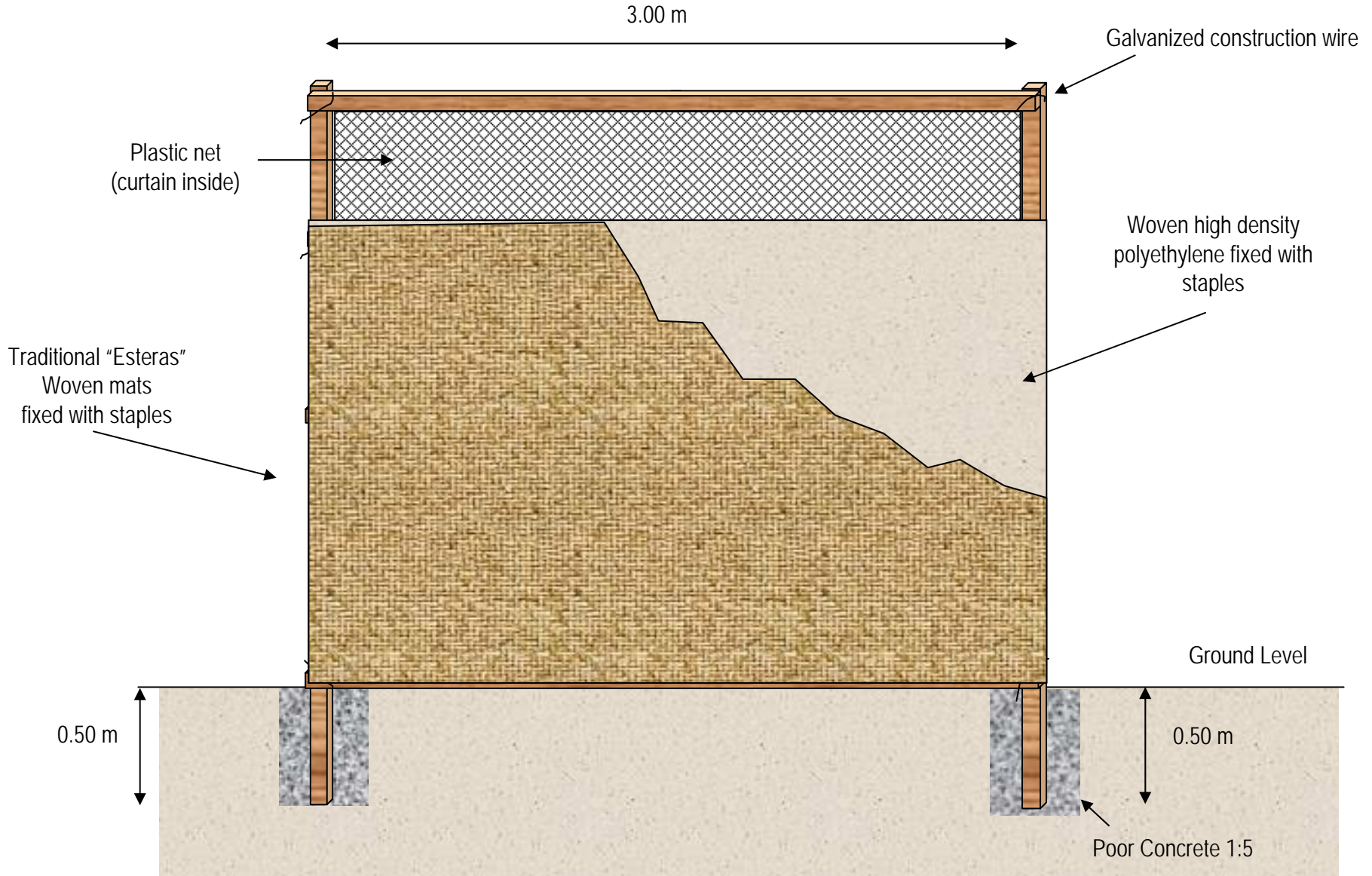
7.5 cm (3")



# Roof Frame

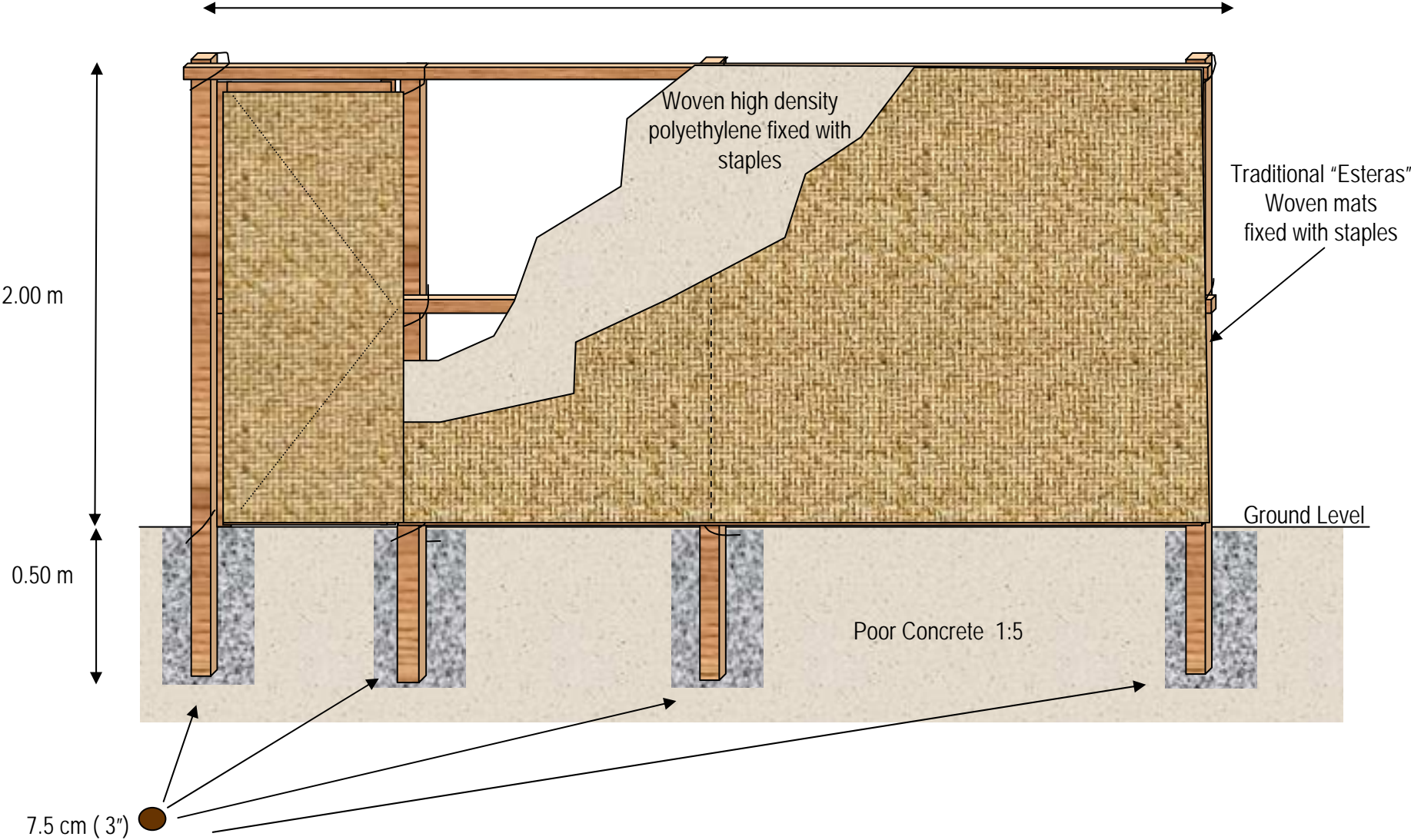


# Back Frame Wrapping (b)



# Front frame wrapping

6.00 m



# Shelter wrapping

Woven high density polyethylene fixed with staples

Plastic net (curtain inside)

Woven high density polyethylene fixed with staples

Traditional "Esteras" Woven mats fixed with staples

Ground Level

0.50 m

0.50 m

Poor Concrete 1:5

