

Schedule for the training of masons

Port au Prince, april 2013

20-24 masons, 6 weeks plus 2 exam days
(translation of the French version)

	week 1				week 2				week 3				week 4				week 5				week 6				week 7						
	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed	thu	mon	tue	wed
Week 0																															
Entry exam for trainees																															
Preparation of training site (by partner NGO)																															
> site selection																															
> levelling of site																															
> Preparation building amterial																															
Week 1																															
Trenches prepared by partner NGO																															
Theory nr. 1																															
Theory nr. 2																															
Exercise in layout tracing, placing of batter boards																															
Prepare and verify trenches																															
Pour lean concrete																															
Prepare armature with stirrups and distance blocs																															
Placing of reinforcements of strip footing and vertical armature																															
Week 2																															
Theory nr. 3																															
Theory nr. 4																															
Placing of reinforcements of strip footing and vertical armature																															
Pour concrete of strip footing																															
Do masonry of foundation																															
Place steel shoes for veranda posts																															
Pour concrete for the basis of the tie-columns into foundation																															
Week 3																															
Theory nr. 5																															
Place reinforcement for plinth beam																															
Place reinforcement for doors																															
Formwork for horizontal ties																															
Pouring of horizontal ties																															
Place drainage pad (stones) for inner floor																															
Pour floor slab																															
Week 4																															
Theory n. 6																															
Remove formwork of horizontal ties																															
Masonry of lower 120 cm of wall up to seismic band																															
Place reinforcement of seismic bands																															
Place reinforcement of windows																															
Formwork of lower part of vertical ties and seismic bands																															
Pouring of lower part of vertical ties and seismic bands																															
Week 5																															
Theory nr. 7																															
Remove formwork of vertical ties and seismic bands																															
Masonry of upper 120 cm of wall up to bond beam																															
Place reinforcement of bond beams																															
Formwork of upper apt of vertical tie-columns and bond beams																															
Pour concrete of upper part of tie-columns and bond beams																															
Week 6																															
Revision of theory courses																															
Remove formwork of vertical ties and bond beams																															
Masonry of gable wall																															
Place gable wall reinforcement																															
Place anchors for roof and veranda structure																															
Formwork sloping tie-beam of gable roof																															
Pour concrete of gable tie-beam																															
Plastering of all concrete tie elements																															
Finishing masonry joints																															
Remove formwork of gable tie-beam																															
Cleaning of construction site																															
Closing session and provision of work certificate (optional)																															
Week 7: Exams																															
Closing session and provision of work certificate (optional)																															
preparation of exams																															
Exam by education/approval authority																															

- Theory lessons in classroom
- Practical training un building site
- Activities done by CCR and partner NGO without the presence of masons

- Tasks to finish after course:**
- Finishing, paint, etc.
 - Roof carpentry
 - Roofing
 - Doors and windows
 - External works

Theory lessons

Week	Time	Content
Week 1: Theory nr. 1	9-12h	Presentation of the training and participant
	13-16h	Introduction to earthquakes Introduction to confined masonry
Week 1: Theory nr. 2	8.30-12h	Laouyout tracing Foundation
	13-16h	Understanding technical drawings
Week 2, Theory nr. 3	8.30-12h	Reinforcements
	13-16h	Concrete
Week 2, Theory nr. 4	8.30-12h	Masonry
	13-16h	Concrete blocks
Week 3, Theory nr. 5	8.30-12h	Additional reinforcements Stairs
	13-16h	Lightweight roofs
Week 4, Theory nr. 6	8.30-12h	Site selection Form of house
	13-16h	Retaining walls
Week 5, Theory nr. 7	8.30-16h	Concrete slabs
Week 6, Revision	8.30-16h	Revision day