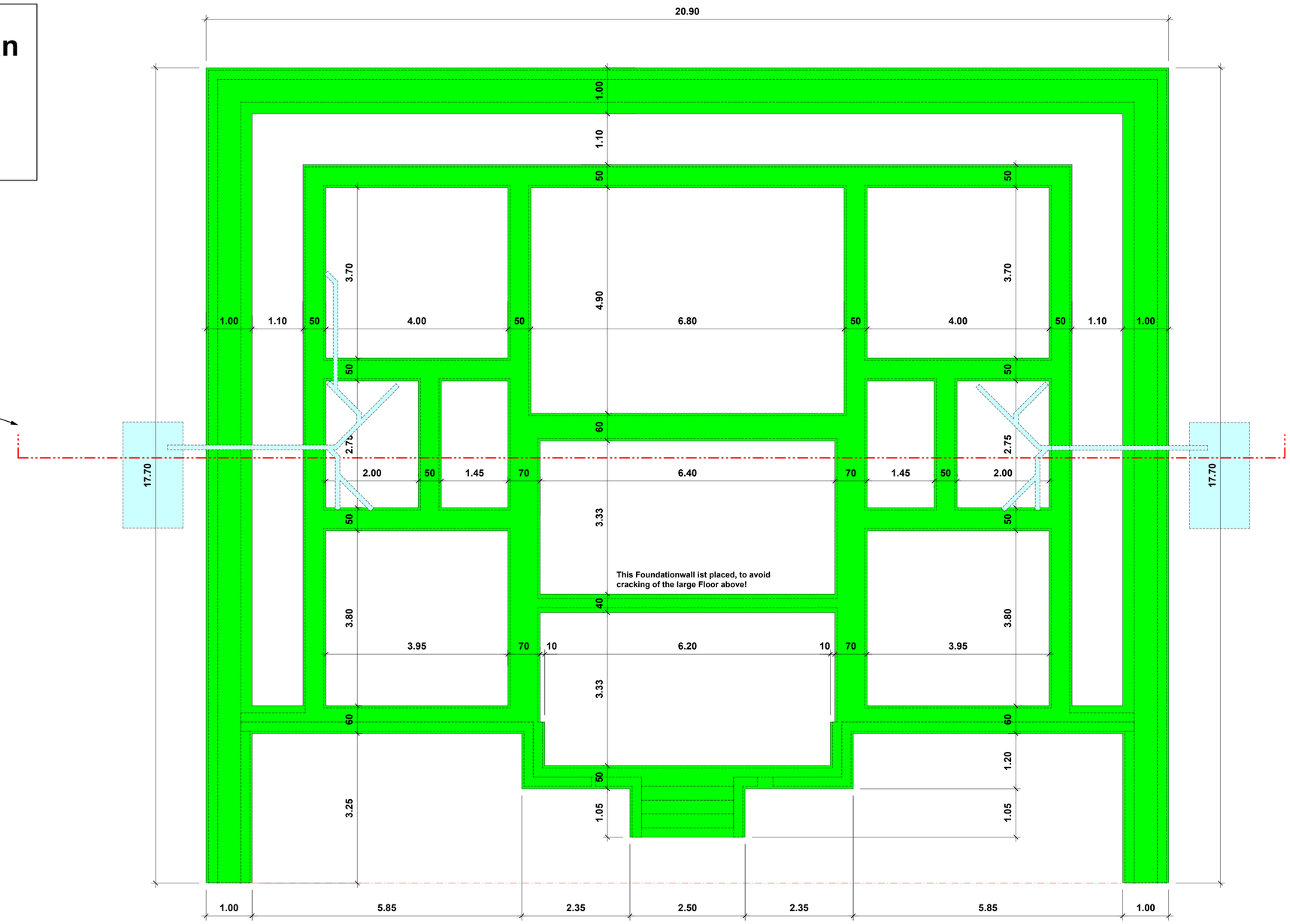
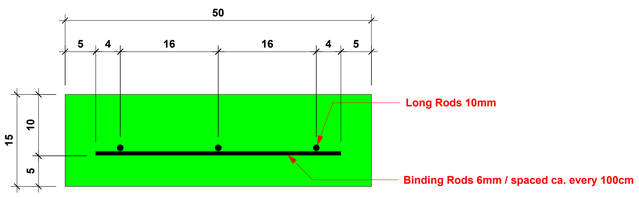
1:50 Foundation Sole / Excavation Plan

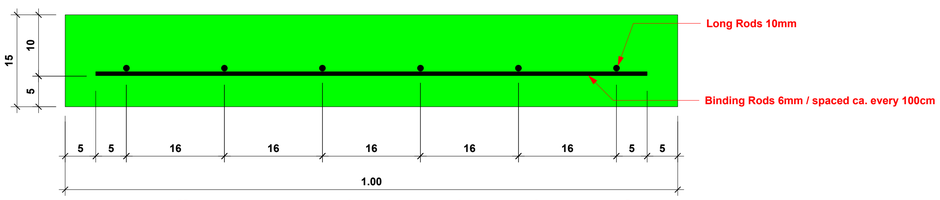
15cm Concrete reinforced / PC 300

Rods 10mm / spaced 15cm plus
Rods 6mm binding spaced 100cm





Scale 1:5 Example for Reinforcement of the Sole



eventually reduced Reinforcement for the Gutter only

Excavation 138m2 x 50cm depht = 69m3 of excavated soil

Reinforcement and Concrete
All Types of Foundation Sole 15cm thick and width 100 / 70 / 60 / 50 / 40cm
Total Earth covering area 138m2 for Concreted Sole (reinforced) 15cm thick x 138m2 =
Mixed Concrete PC 300 to cast = 20.70m3
Quantity of Cement = 20.70m3 x 300kg/m3 = 6'210 Kilos or 6 Tons 210 Kilos : 50 Kilo-bags = 125 Bags

Gravel fine 10-20mm and medium 20-30
Sand from Mile 24-28 Wum-road
Individual Quantities according to high standard concretework

Reinforcement Rods Long = 620m' total length
Reinforcement Rods Binders = 140m' total length

CARPORT not included!

New House Bamenda up-Station
Master of Building: Mr. Charles Ngoh & Mrs. Mary-Louise Daily Ngoh CH-4105 Biel-Benken Switzerland

Layout Foundation Sole / Excavation

PL.NR. **2012-04**

SCALE 1 : 50	PLAN SIZE A1	DRAWN RH		REV. 08.06.2012	DATE 06.06.2012

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