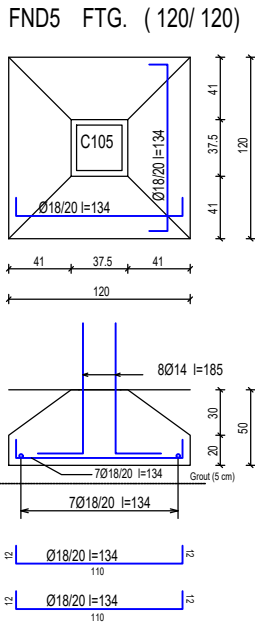
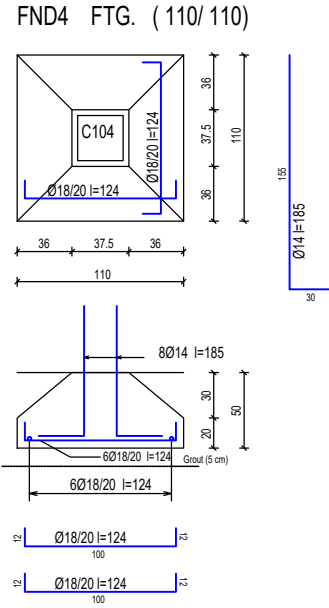
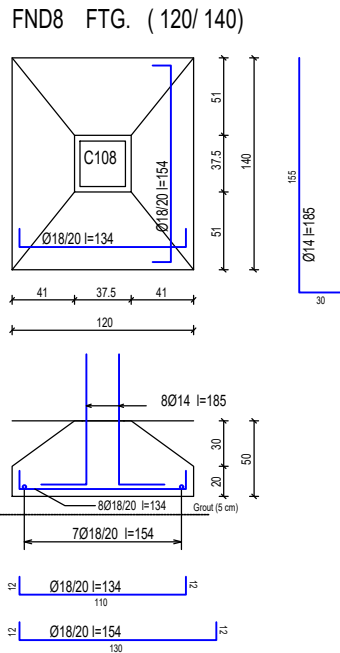
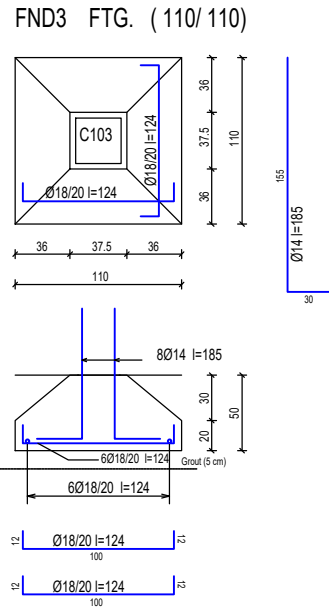
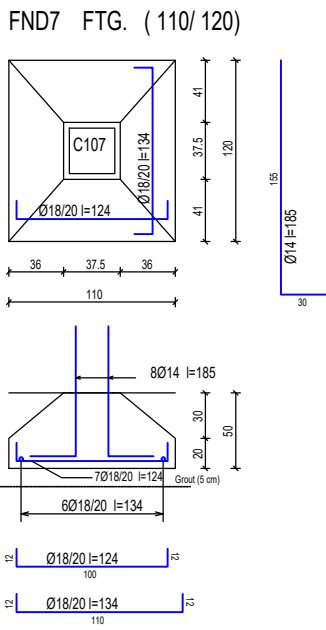
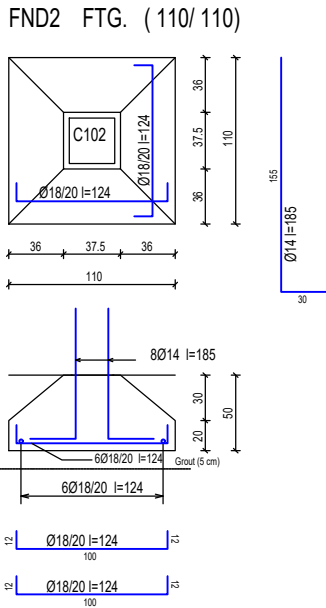
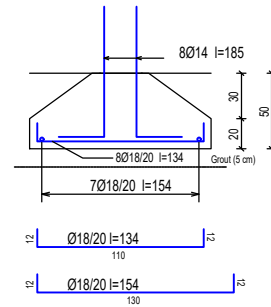
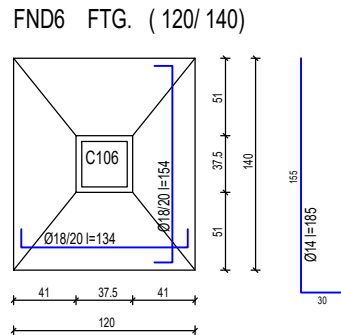
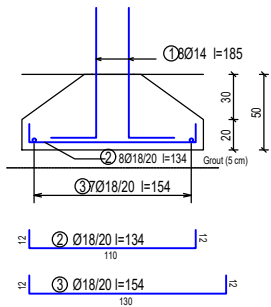
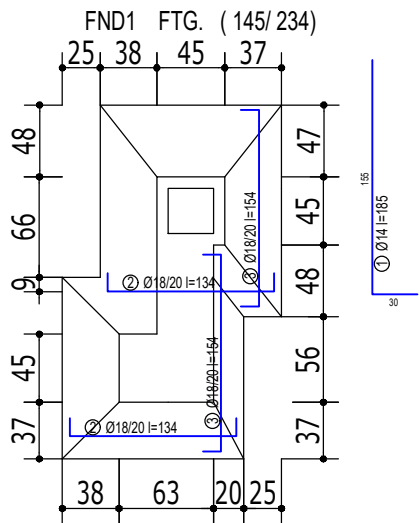


FOUNDATION DETAILS



Technical Notes:

Structural elements are calculated and designed with following characteristics:

**Foundation:** Foundations are designed with plinths:

- Concrete C-25/30 ( $f_{ck}=25000\text{N/mm}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.5$

**Concrete Walls & Columns:** All walls & columns are designed with:



- Concrete C-25/30 ( $f_{ck}=25000\text{N/mm}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.5$


**Concrete Beams:** Beams for all stories are designed with:

- Concrete C-25/30 ( $f_{ck}=25000\text{N/mm}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.5$

**Concrete Slab:** Slabs for all stories are designed with:

- Concrete C-25/30 ( $f_{ck}=25000\text{N/mm}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.5$

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		Name		
Designed	Qinami		April 2018	
Drafted	Qinami		April 2018	
Checked			April 2018	
Project No.	213 - 68524			

Client		<b>Ministry of Environment and Energy</b>		
Project Title	Consultancy Services for Feasibility Study for an Integrated Solid Waste Management System for Zone III (including Greater Malé) and Preparation of Engineering Design of the Regional Waste Management Facility at Thilafushi			
Design phase	Detailed Design Harbour Rehabilitation			
Contents	Administration Building - Foundation Details			
Scale	1 : 5			
Drawing No.	3.2.2	Paper	A3	