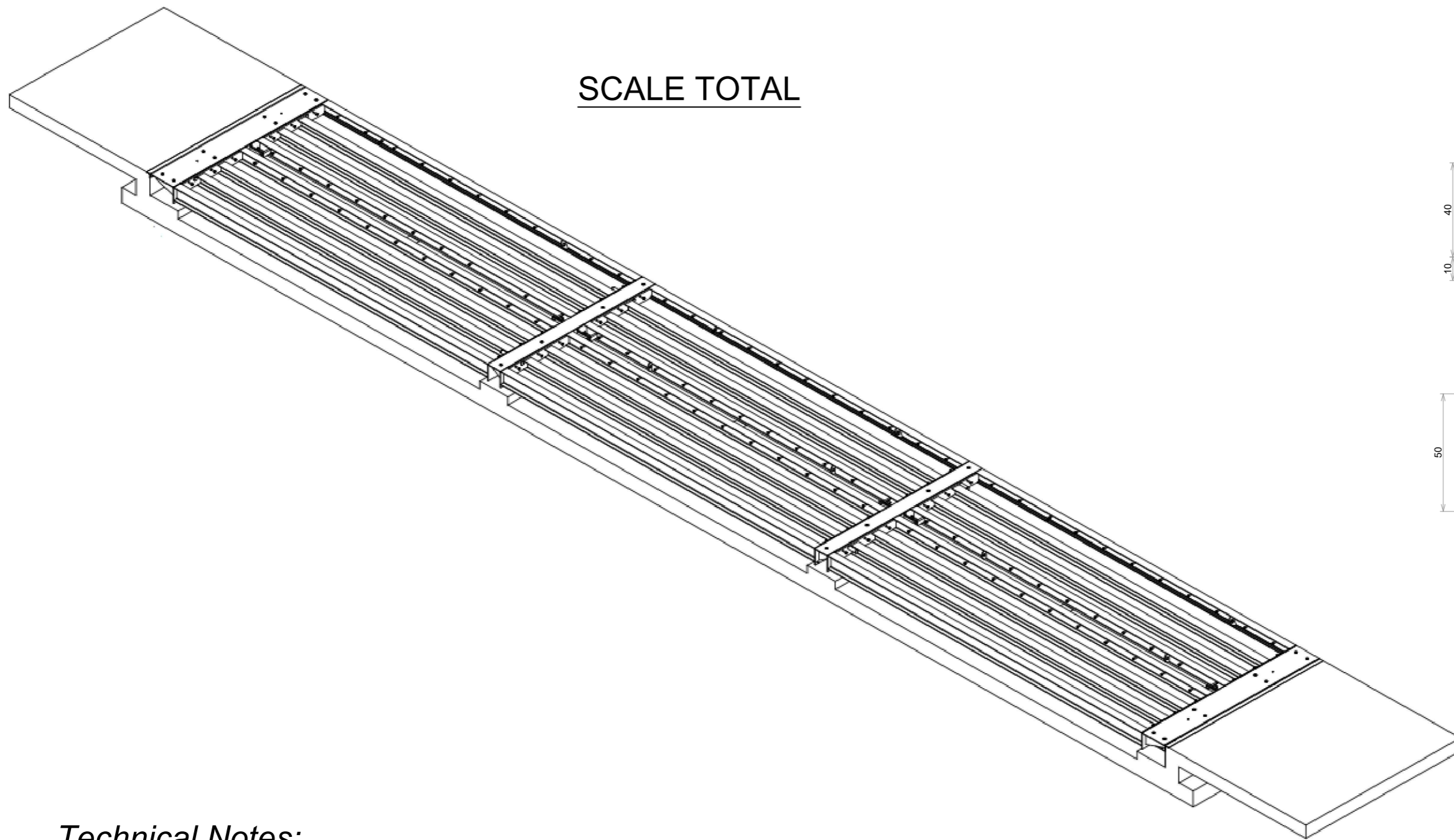


P:\Abt213\68524\Bearing\Abt213\68524\Drawings update 2018\180502\_revision\dwg\68524\_WU\_BA\_Scale\_180504\_7-1-13\_7-1-18.dwg; 7.1.18

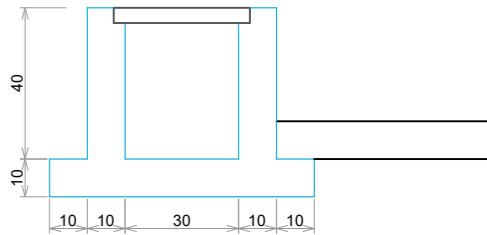


SCALE TOTAL

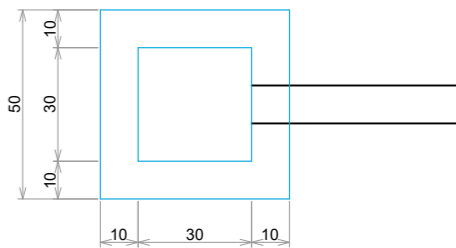
M 1 :20

DETAIL M-1

SECTION VIEW



PLAN VIEW



Technical Notes:

Structural elements are calculated and designed with following characteristics:

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

- Concrete C-25/30 ( $f_{ck}=25000\text{kN/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

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



- Concrete C-25/30 ( $f_{ck}=25000\text{kN/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$


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

- Concrete C-25/30 ( $f_{ck}=25000\text{kN/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

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

- Concrete C-25/30 ( $f_{ck}=25000\text{kN/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement FeB 42k ( $f_{ys}=420\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

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Designed	Quinami			May 2018			
Drafted	Quinami			May 2018			
Checked	Kasdarli			May 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	Electronic scale foundation - Reinforcement detail M1, scale total				
Scale	1 : 20 detail, no scale				
Drawing No.	7.1.18			Paper	A3