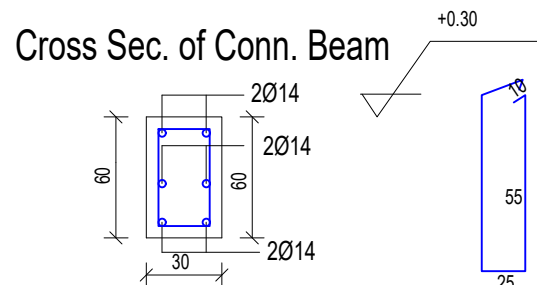


ITEM	MARK	DIA.	LENGTH	WEIGHT
7	P01	Ø18	134	18.8
7	P02	Ø18	134	18.8
8	P03	Ø14	245	23.5
14	P04	Ø8	124	6.9
14	P05	Ø8	96	5.3
				73.3



### Technical Notes:

Structural elements are calculated and designed with following characteristics:

**Foundation:** Foundations are designed with:

- Concrete **C-25/30** ( $f_{ck}=25000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement **S460A** ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

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

- Concrete **C-25/30** ( $f_{ck}=25000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement **S460A** ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

**Concrete Beams:** Beams are designed with:

- Concrete **C-25/30** ( $f_{ck}=25000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement **S460A** ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

**Concrete Slab:** Slabs are designed with:



- Concrete **C-25/30** ( $f_{ck}=25000\text{N/m}^2$ ) with safety factor  $\gamma_c=1.5$
- Reinforcement **S460A** ( $f_{yk}=460\text{N/mm}^2$ ) with safety factor  $\gamma_s=1.15$

B.O.Q.

FORMWORK (m<sup>2</sup>): 160

CONCRETE(m<sup>3</sup>) : 17.42

Ø 8-14(kg) : 1350

		<b>Water Solutions Pvt Ltd</b> 1st Floor, Ma.Fas eri, Ameenee Magu, Male' 20205, Republic of Maldives Tel: +960 334 1643 / +960 330 1643 Fax: +960 333 1643 Email: info@water-solutions.biz		<b>Kocks Consult GmbH</b> Stegemannstr. 32 - 38 D-56068 Koblenz Tel: +49 261 1302-0 Fax: +49 261 1302-400 Email: info@kocks-ing.de
Name		Date		
Designed		Qinami		
Drafted		Qinami		
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		Vehicle shed - Foundaion Plan		
Scale		1 : 10; 1 : 5		
Drawing No.		5.2.1	Paper	A3