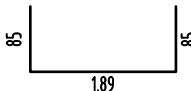
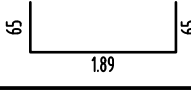
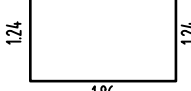
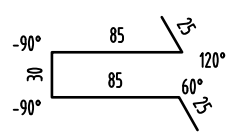
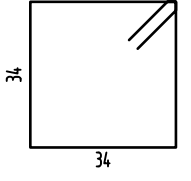
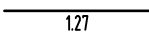


BAR SCHEDULE Steelgrade: B500B
Pos. No. d Length D10 D12

1	390	12	3.59	1400.10
2	390	12	3.19	1244.10
3	180	12	4.34	781.20
4	120	10	2.50	300.00
5	180	10	1.54	277.20
6	30	12	1.27	38.10

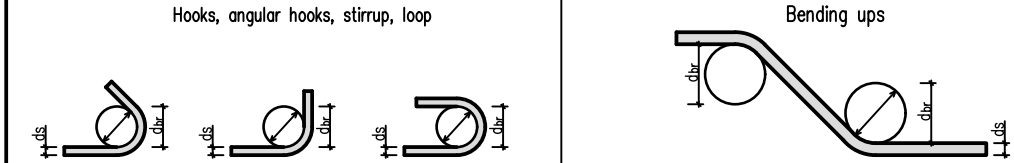
Total lengths	577.20	3463.50
kg / m	D10 0.617	D12 0.888
kg / d	356.132	3075.588

Total weight (kg) 3431.720

BENDING SCHEDULE Steelgrade: B500B																																							
Pos.	No.	d	Length	dbr ds	Type	shape code	Tot.L	Weight kg																															
1	390	12	3.59	4	A3		1400.10	1243.289																															
2	390	12	3.19	4	A3		1244.10	1104.761																															
3	180	12	4.34	4	A3		781.20	693.706																															
4	120	10	2.50	4	X1	 <table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>-0.13</td><td>0.22</td><td>0.25</td><td>60</td></tr><tr><td>2</td><td>-0.85</td><td>0.00</td><td>0.85</td><td>-90</td></tr><tr><td>3</td><td>-0.00</td><td>0.30</td><td>0.30</td><td>-90</td></tr><tr><td>4</td><td>0.87</td><td>0.00</td><td>0.85</td><td>120</td></tr><tr><td>5</td><td>-0.14</td><td>0.24</td><td>0.25</td><td></td></tr></table>	Nr.	dx	dy	l	α°	1	-0.13	0.22	0.25	60	2	-0.85	0.00	0.85	-90	3	-0.00	0.30	0.30	-90	4	0.87	0.00	0.85	120	5	-0.14	0.24	0.25		300.00	185.100	
Nr.	dx	dy	l	α°																																			
1	-0.13	0.22	0.25	60																																			
2	-0.85	0.00	0.85	-90																																			
3	-0.00	0.30	0.30	-90																																			
4	0.87	0.00	0.85	120																																			
5	-0.14	0.24	0.25																																				
5	180	10	1.54	4	B1		277.20	171.032																															
6	30	12	1.27	4	A1		38.10	33.833																															

Total weight (kg) 3431.720

Minimum value of bending block diameter d_{br}
(EC2, Table 8.1 + 8.2)



Diameter	Hook, angular hooks stirrup, loop	Cside	Bending ups
$d_s < 20 \text{ mm}$	4 d_s	$> 100 \text{ mm}$ or $> 7 d_s$	10 d_s
$d_s \geq 20 \text{ mm}$	7 d_s	$> 50 \text{ mm}$ and $> 3 d_s$	15 d_s
		$\leq 50 \text{ mm}$ or $\leq 3 d_s$	20 d_s
Außenmaße			

Building materials

last steel position	6	Concrete steel	B500B
last matting position	—	Concrete class	C30/37
		Exposure class	
Concrete Cover in (cm)			
	Exposition class		Nominal dimension C_{nom}
inside/bottom			5,5
outside/top			5,5
lateral			5,5



Water Solutions Pvt Ltd
1st Floor,
Ma.Fas eri, Ameene Magu,
Male' 20205,
Republic of Maldives
Tel: +960 334 1643 / +960 330 1643
Fax: +960 333 1643
Email: info@water-solutions.biz



Kocks Consult GmbH
Stegemannstr. 32 - 38
D-56068 Koblenz
Tel: +49 261 1302-0
Fax: +49 261 1302-400
Email: info@kocks-ing.de

	Name	Date
Designed	Kasdarli / Gajurel / Gipp	May 2018
Drafted	Leins	May 2018
Checked	Kasdarli / Gajurel / Gipp	May 2018
Project No.	213 - 68524	

Client	Ministry of Environment and Energy		
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	Shed for waste Storage Area		
Scale	no scale		
Drawing No.	8.1.1 part 3a/3	Paper	A3