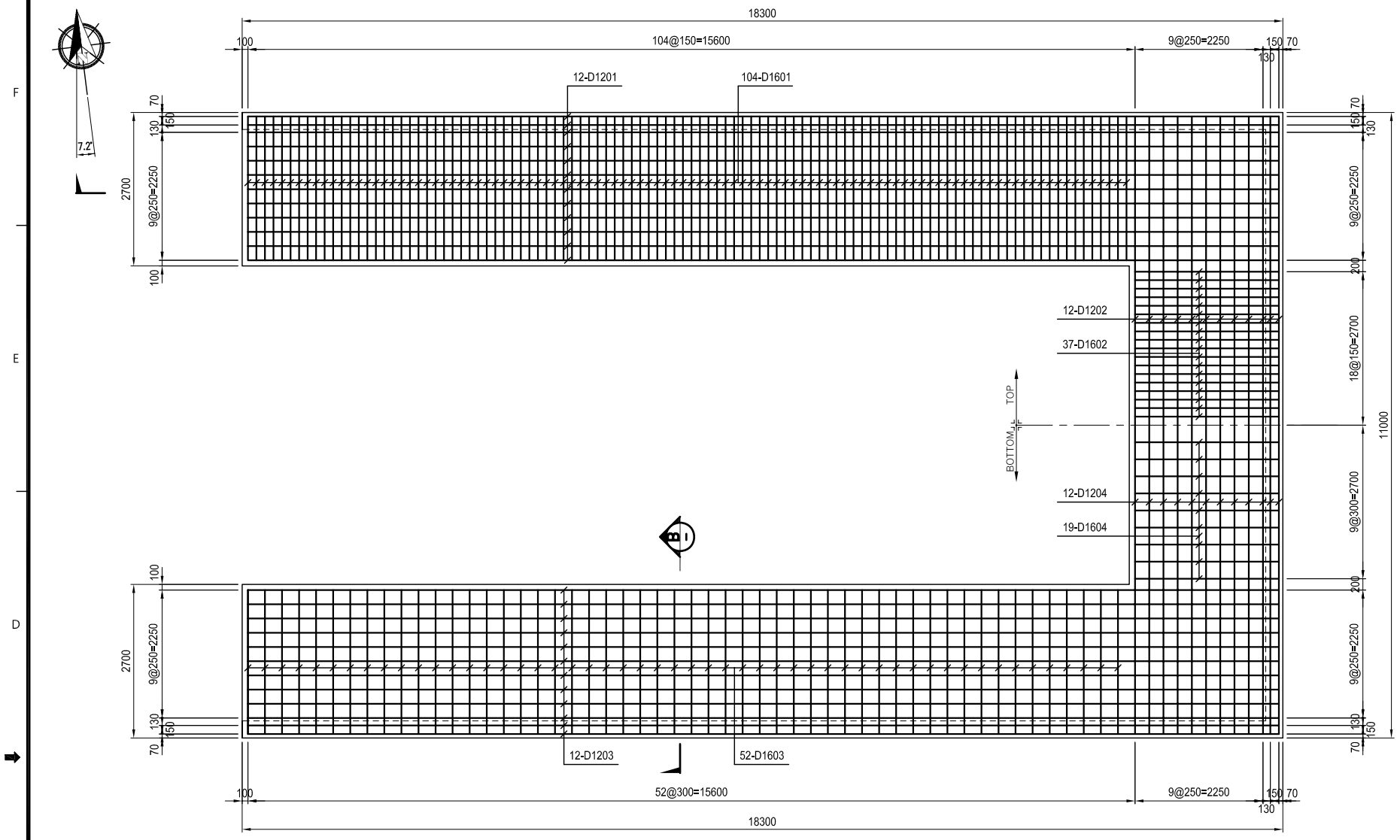
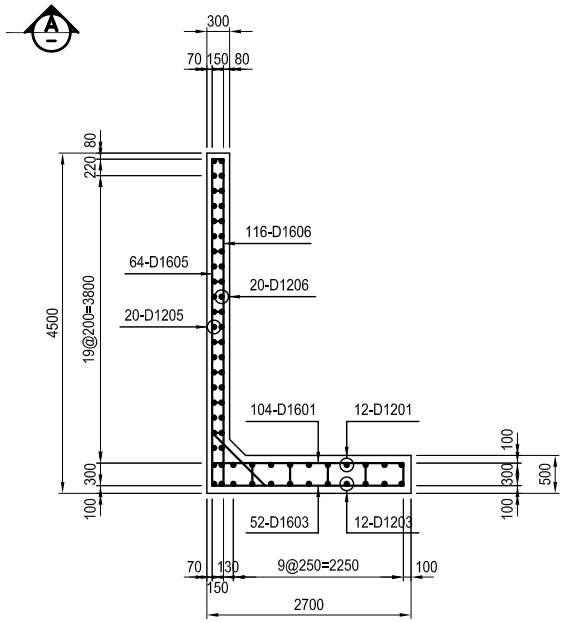


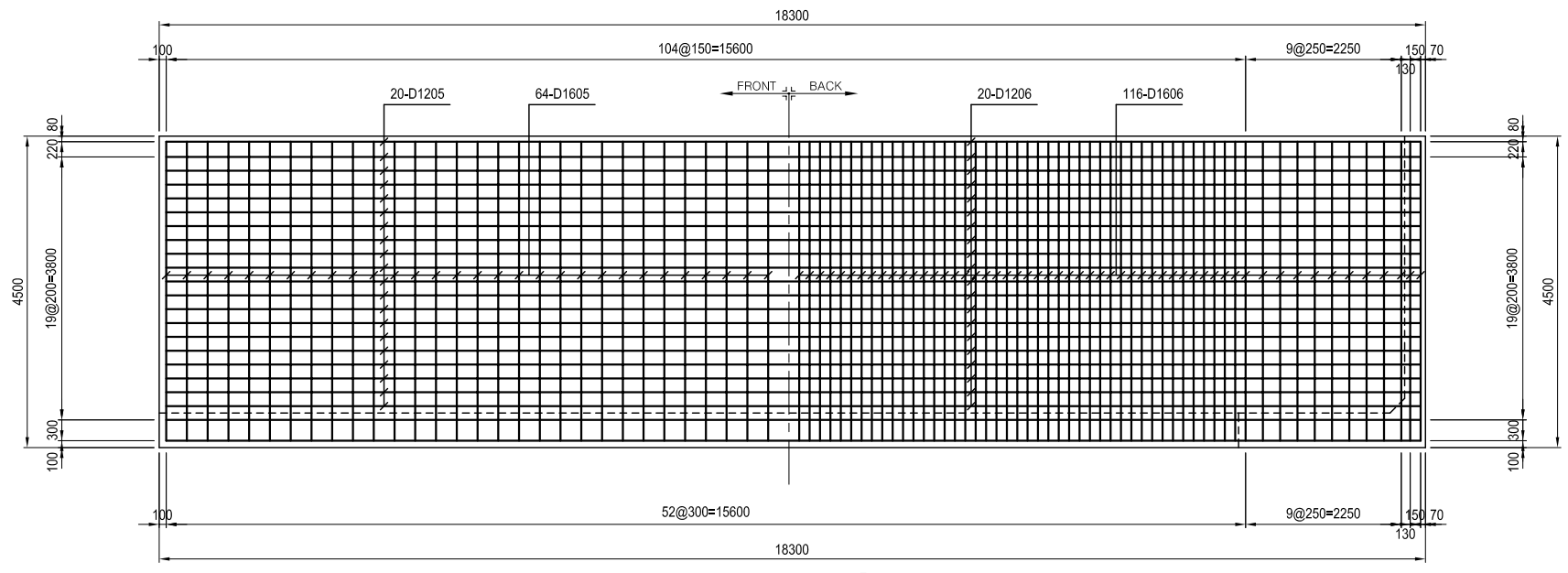
REFUSE DIKE (F3) REINF. PLAN

SCALE 1:50



SECTION B

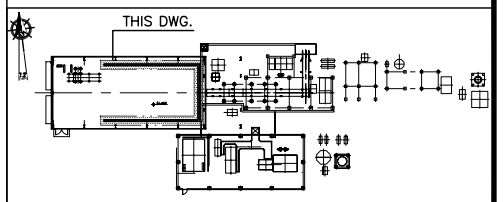
SCALE 1:50



SECTION A

SCALE 1:50

KEY PLAN



GENERAL NOTES

1. ALL DIMENSION ARE IN MILLIMETERS UNLESS NOTED OTHERWISE. FL.±0.00=GL.+300
2. ALL ELEVATIONS ARE RELATED TO SITE DATUM.
3. ANCHOR BOLT PROJECTION IS FROM T.O.C.

CONCRETE NOTES

1. CONCRETE COMPRESSIVE CYLINDER STRENGTH AS BELLOWS ;
   - Fcu=35N/mm² : STRUCTURAL CONCRETE
   - Fcu=15N/mm² : LEAN CONCRETE
2. REINFORCING BARS SHALL BE DEFORMED STEEL BARS AND AND CONFORM TO IS 739 WITH SPECIFLED YEILD STRENGTH fy=400N/mm².

LEGENDS

1. (P1) : IDENTIFICATION MARK FOR PEDESTAL
2. IDENTIFICATION MARK FOR ANCHOR BOLT.

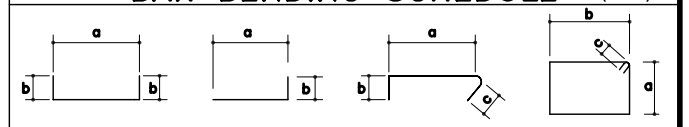
   4 – M16 X 300L
   - 4 : NO. REQ'D
   - M16 : ANCHOR BOLT DIA.(mm)
   - 300L : LENGTH(mm)

3. F.L : FINISH LEVEL

REFERENCE DRAWING

MLD-C-001	GENERAL NOTES (1)
MLD-C-002	GENERAL NOTES (2)
MLD-C-003	STANDARD DETAILS FOR REINFORCING BAR
MLD-C-004	FOUNDATION LOCATION PLAN

BAR BENDING SCHEDULE (PER EA)



MARK	DIA.	REQ'D NO.	SHAPE CODE	ALL BENDING DIMENSIONS ARE IN MM a	b	c	j	CUT LENG. (M)	TOTAL LENG. (M)	REMARKS
D1601	D16	208	A	2530	300			3.130	651.040	
D1602	D16	37	A	2530	300			3.130	115.810	
D1603	D16	104	A	2530	300			3.130	325.520	
D1604	D16	128	A	2530	300			3.130	400.640	
D1605	D16	232	A	4320	300			4.920	1141.440	
D1606	D16	116	A	4320	300			4.920	570.720	
D1607	D16	43	A	4320	100			4.520	194.360	
D1608	D16	61	A	4320	100			4.520	275.720	
D1201	D12	24	A	18130	100		2x300	18.930	454.320	
D1202	D12	12	A	10860	100		1x300	11.360	136.320	
D1203	D12	24	A	18130	100		2x300	18.930	454.320	
D1204	D12	12	A	10860	100		1x300	11.360	136.320	
D1205	D12	40	B	18130	100		2x300	18.830	753.200	
D1206	D12	40	B	18130	100		2x300	18.830	753.200	
D1207	D12	20	B	10860	100		1x300	11.260	225.200	
D1208	D12	20	B	10860	100		1x300	11.260	225.200	

DIA.	UNIT WT (KG/M)	TOTAL LENG. (M)	TOTAL WT. (KG)	REMARKS
D16	1.578	3,675.250	5,799.545	
D12	0.888	3,138.080	2,786.615	
TOTAL WT. (TON)			8.586	

Employer :	Project Title :	Design & Built By :	Drawing Title :	SCALE	NO
Ministry of Environment Republic of Maldives	Small Scale Waste to Energy Project at S.Hithadhoo	LOTUS & KUNHWA Joint Venture	REFUSE DIKE (PT-101) PLAN & SECTION (2)	1 / 50	
				DRAWING NO	MLD-C-009

REV.NO	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
0	07-SEP-2020	FOR CONSTRUCTION	G.S,Kim	S.M,Jeong	D.J,Kim
A	31-JULY-2020	FOR APPROVAL	G.S,Kim	S.M,Jeong	D.J,Kim