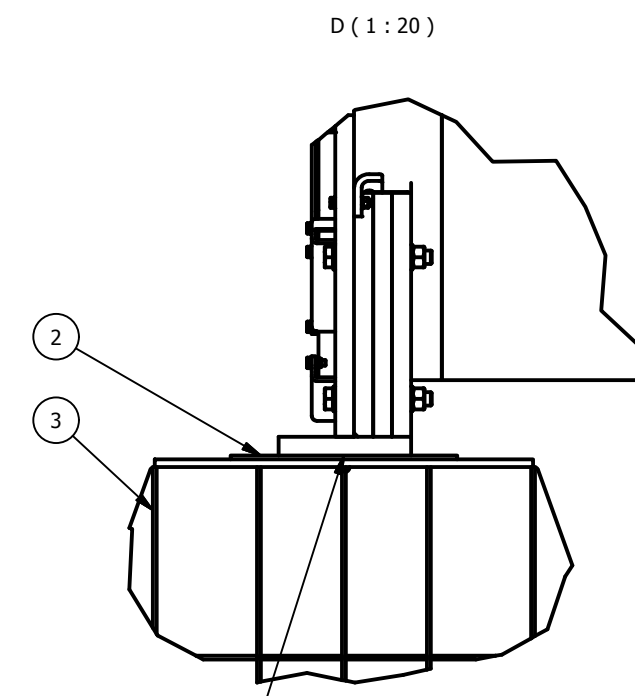
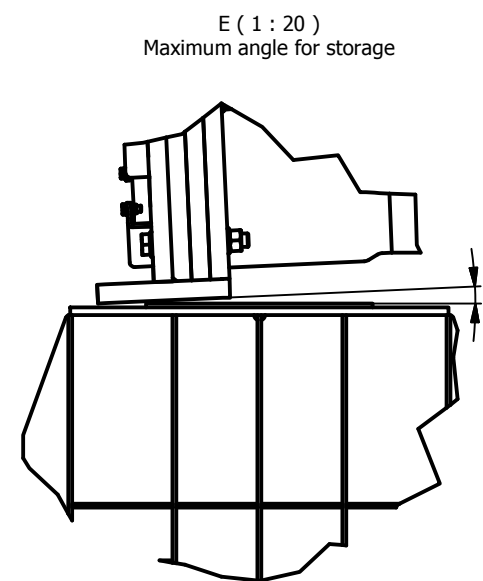
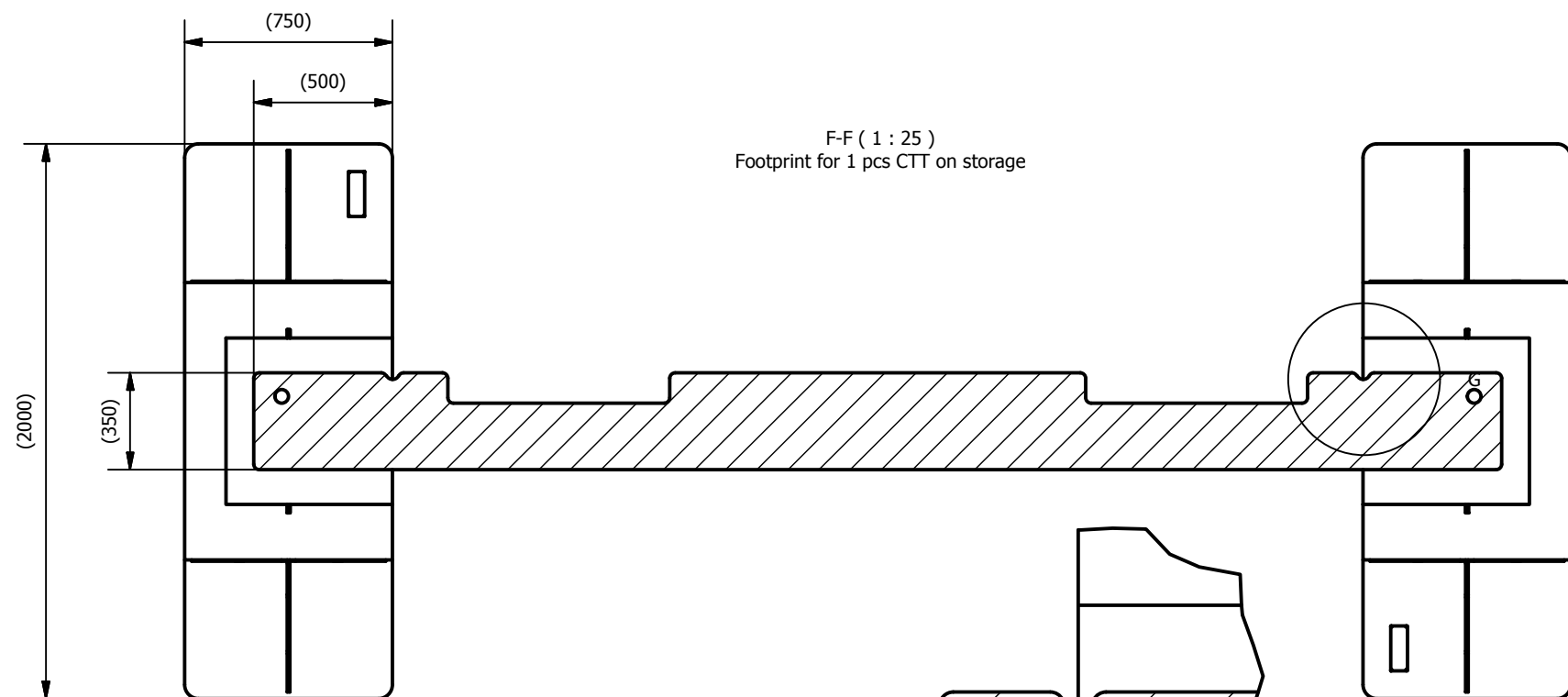


Bolted connection matrix for CTT						
Flange hole size	Bolt size * FL - Flange thickness	CTT: Washer size	Adapter washer size		Flange: Washer size	Min torque
			CTT side	Flange side		
Ø39 to Ø42	M36 x (166 + *FL) -10,9	Ø37 DIN 125-A 200HV FZV	10040-428 Ø38/Ø105-15mm	Ø37 DIN 125-A 200HV FZV	-	1600Nm
Ø45 to Ø48	M42 x (188 + *FL) -10,9	Ø43 DIN 125-A 200HV FZV	10040-429 Ø44/Ø105-15mm	10040-429 Ø44/Ø105-15mm	Ø43 DIN 125-A 200HV FZV	2100Nm
Ø51 to Ø75	M48 x (194 + *FL) -10,9	Ø49 DIN 125-A 200HV FZV	10040-413 Ø50/Ø105-15mm	10040-413 Ø50/Ø105-15mm	Ø49 DIN 125-A 200HV FZV	2400Nm



Notes:
Calculation approach according to "DNVGL-ST-N001"

ITEM		QTY	PARTY NUMBER	TITLE
1	2	10040-001		Common tower tool, assembled
2	4	10040-414		Regupol LSE 1000 T=20
3	4	vt20002020_asm		MHI Vestas Type 2
4	16	Bolt set for CTT		See "Bolted connection matrix"
5	1	150t_24m_Ø4145_Ø6145_conical_tower		
6	1	200t_30m_Ø6500_152_Ø70_middle_tower		
7	1	160t_40m_Ø6500_152_Ø70_middle_tower		
Designed by: APE		Dimensions:		Coating:
Date: 20-02-2019		Material:		Projection:
				Description:
				Storage with MHI Vestas Type 2
				Rev. no.: 4
				Format: A1
				Scale: 1 : 75
				Sheet no.: 1 / 1
				Drawing no.: 10040-006
				Weight: N/A

ADANTIS
ENGINEERING