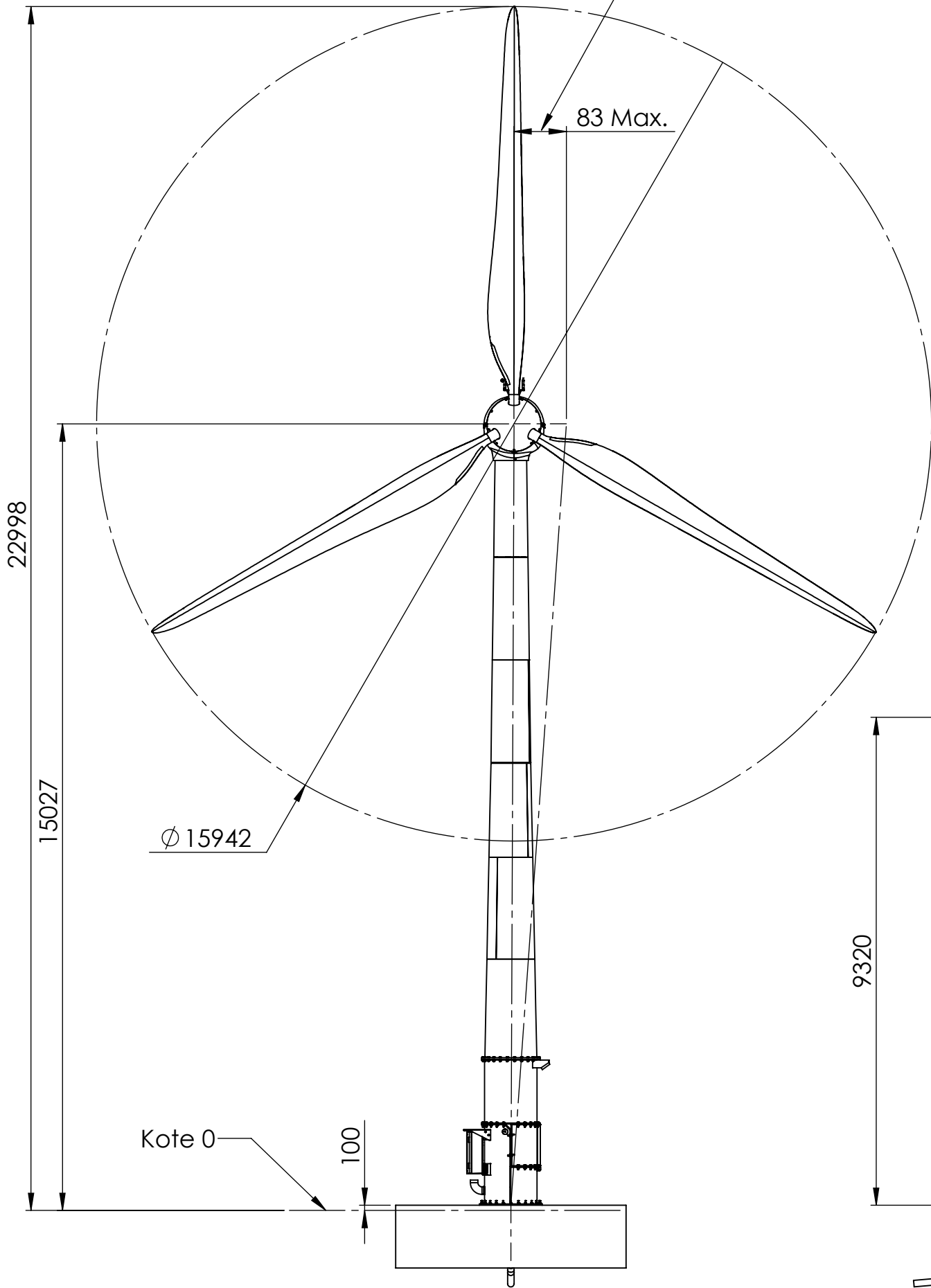
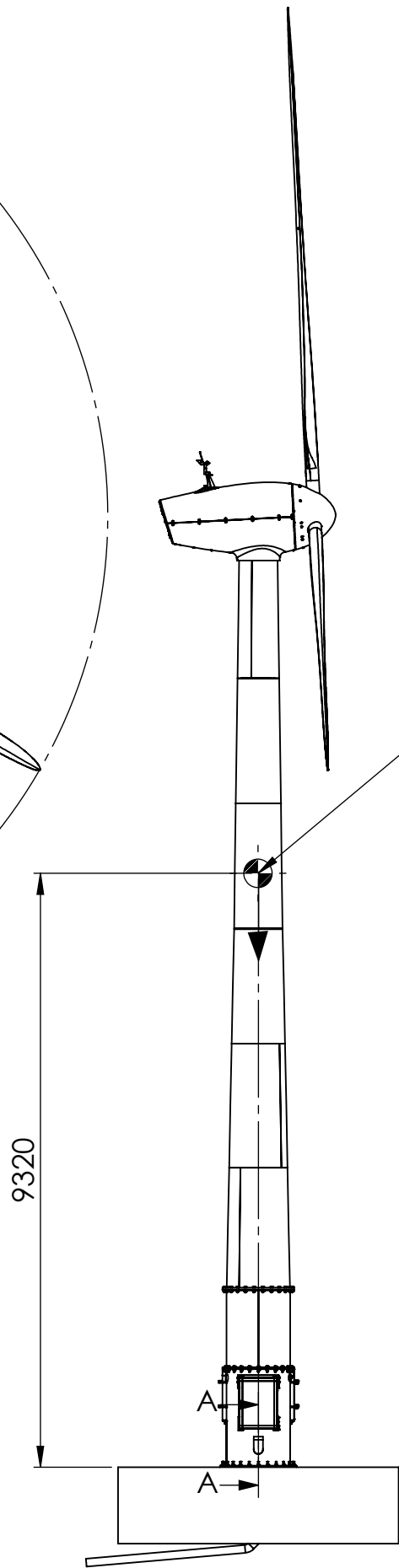


INFO: Max allowable horizontal deviation for the nacelle is 83 mm.

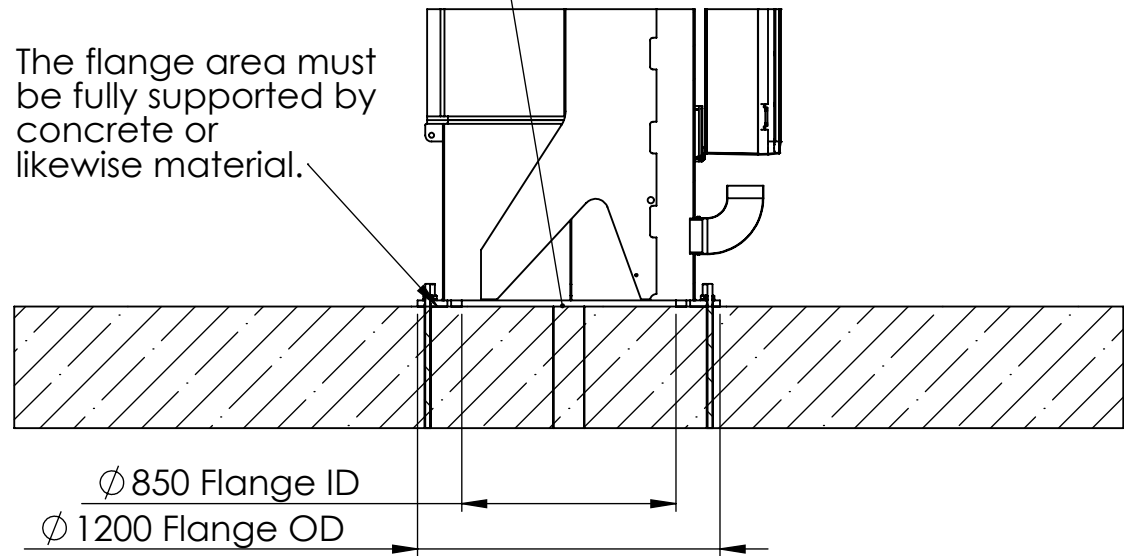


Mass: 4541 kg  
(From bottom flange and upwards)



The drain pipe must be cut flush with the foundation surface.

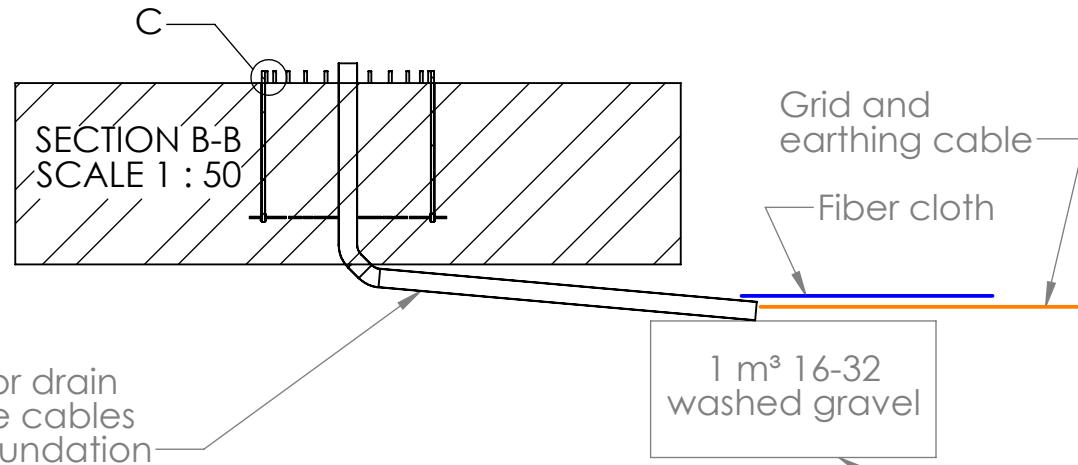
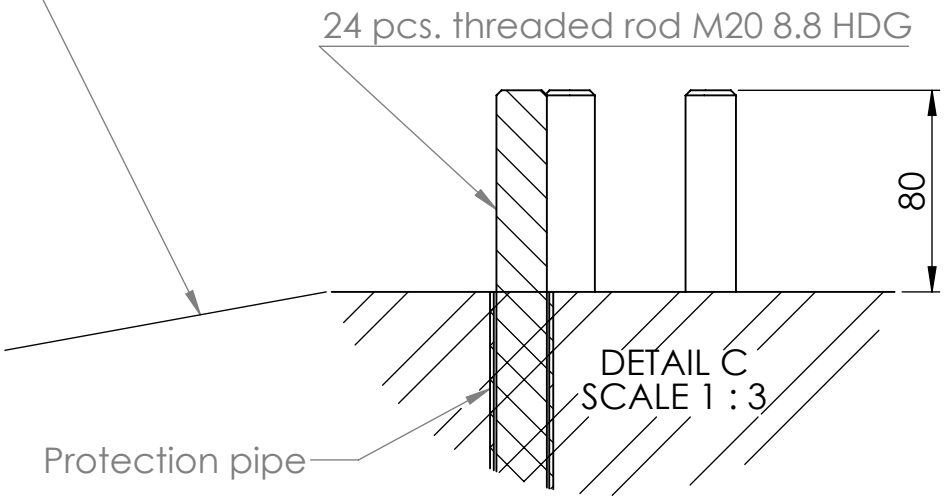
The flange area must be fully supported by concrete or likewise material.



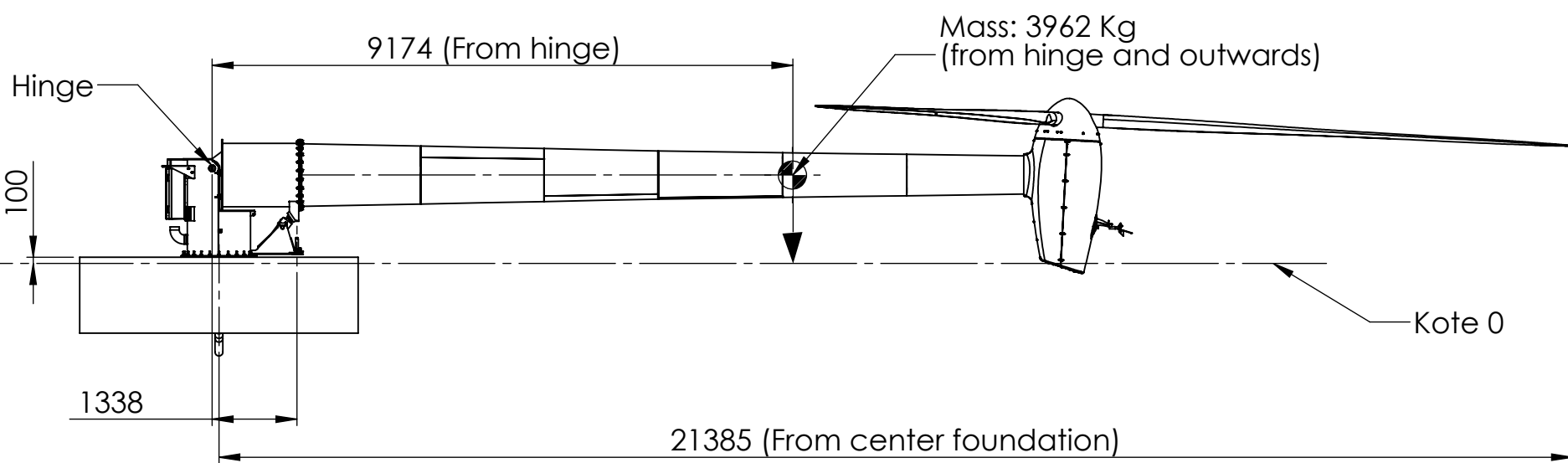
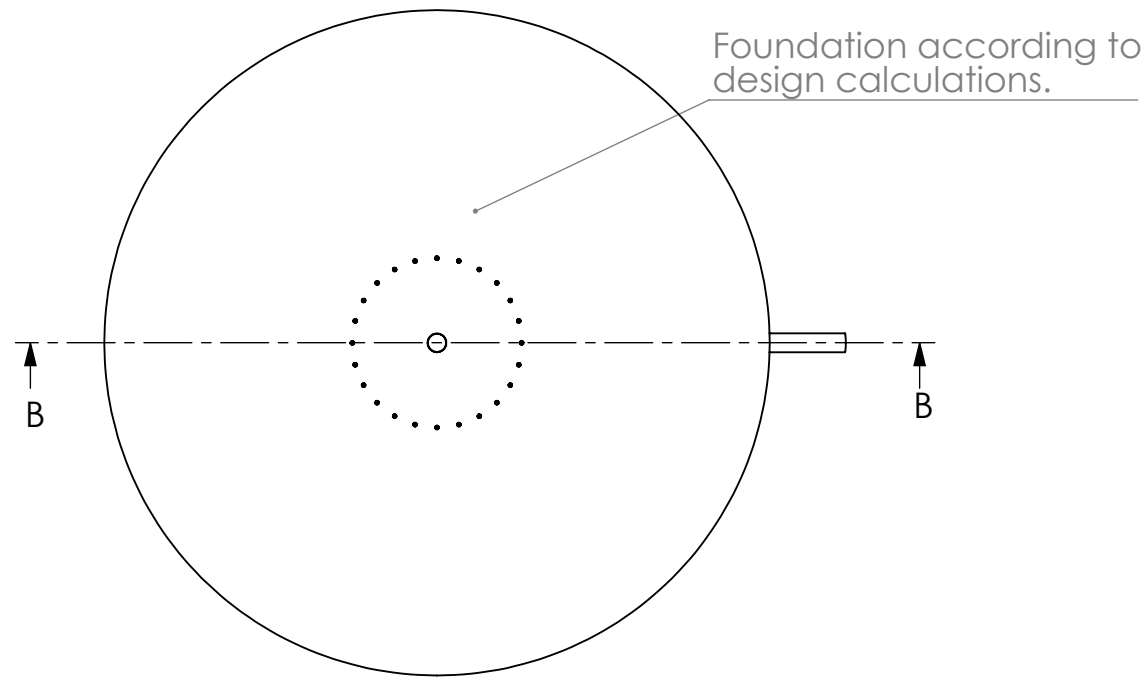
Wind turbine	SWP-011	
Configuration	SWP25-16TG20-OT15	
Weights		
Nacelle and rotor	1972 kg	
Tower	2569 kg	
Turbine (excl. foundation)	4541 kg	
Wind loads		
IEC wind class	III	
Ultimate loads	Shear force (F)	Moment (M)
- Wind load on rotor	23.8 kN	356.6 kNm
- Wind load on tower	10.3 kN	87.9 kNm
- Total wind load	34.1 kN	444.5 kNm

Note: Loads are without partial safety factor

To ensure water drainage, the foundation surface must have a slightly outwards slope from the tower flange area.



Below the drain pipe outlet, build a fascine to ensure water drainage. After placing cables, cover the area with fiber cloth before backfilling.



Item no.	Mass (kg)	Certificate	Format A2	Status approved	Revised by	Created date 2023-02-01	Created by JP
Material			Scale 1:100	Replaces	PDM rev. 1	Approved date 2023-02-17	Approved by POR
Proj.			Item				
SolidWorks			SWP25-16TG20-OT15		Ver.	Sheet	
Metric			Dimensions shown in mm unless otherwise specified		1	1 of 1	