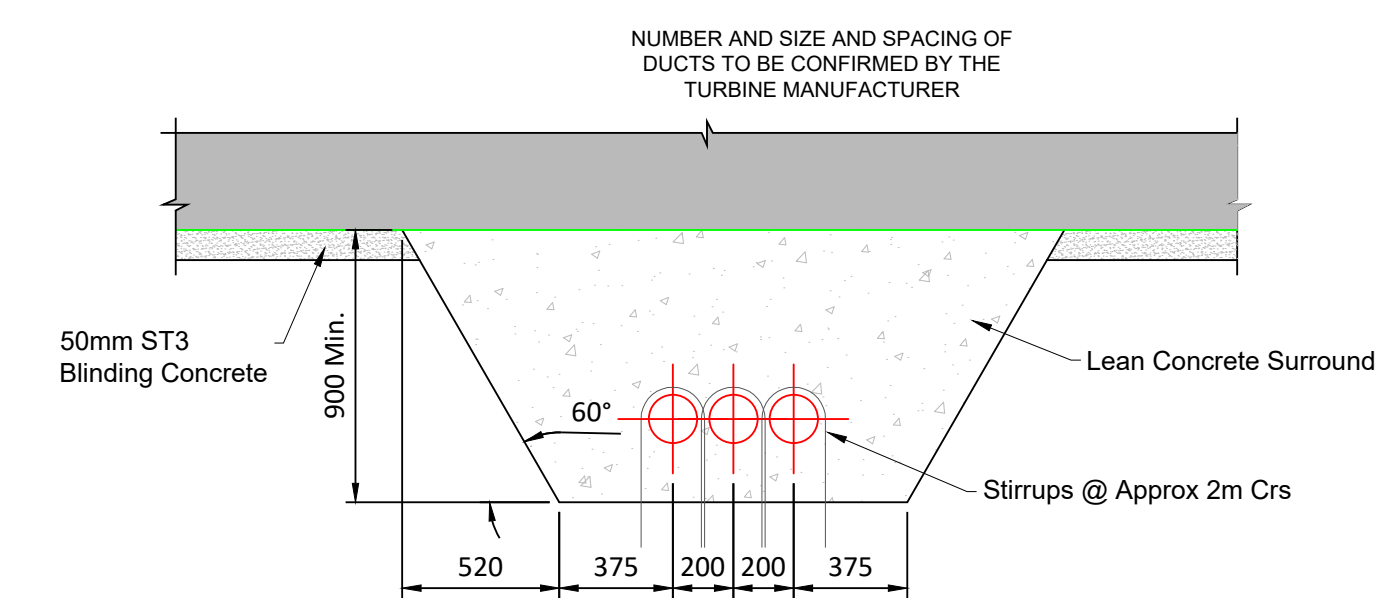
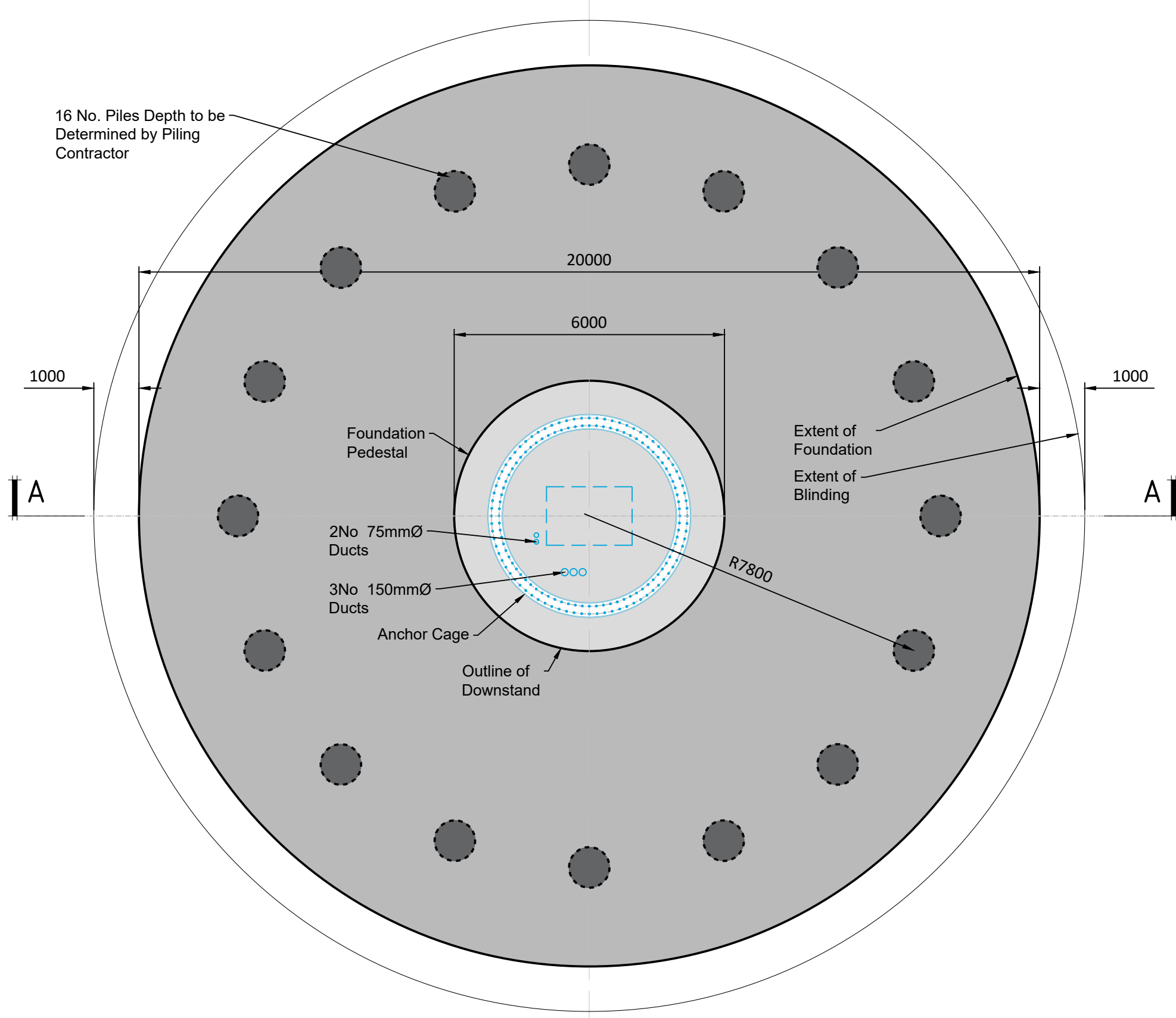


SECTIONAL ELEVATION



TYPICAL SECITON THROUGH DUCTS BELOW TURBINE BASE



PLAN

- NOTES:
- This Drawing to be Read in Conjunction with all Other Relevant Engineers Drawings and Specification
 - All Dimensions Are in Millimetres Unless Noted Otherwise.
 - This Submerged Foundation has been Designed for the Foundation Loads Noted in the Detailed Design Calculations. These Loadings are in the Siemens Specification for Foundation Design Doc: Document ID:PG-R3-40-EIE00072-C444-00
 - The Formation Shall be Kept Dry and Shall Not be Left Exposed For Prolonged Periods.
 - All Foundation Works to be in Accordance with BS EN 1997 Eurocode 7: Geotechnical Design BS EN 1992 Eurocode 2: Design of Concrete Structures.
 - Exposure Class - XC3 , XF3, XA1 Pedestal XC2, XA1 Base
 - Concrete Grades Shall be : C40/50
 - Reinforcement Steel: Grade B500B or B500C conforming to BS 4449:2005.
 - Concrete Finish Shall be F4/U3 to All Exposed Faces. F1/U1 to all buried faces.
 - Concrete Shall be Placed and Compacted in Accordance with Eurocode 2
 - Concrete Shall be Placed Using Vibrating Pokers in Order to Achieve a Dense Homogeneous Void Free Concrete.
 - Bolt Tensioning Force 400kN
 - Grout Below Tower Bottom Flange to be BASF Masterflow 9300.
 - For all Details of Holding Down Bolts, Anchor Ring, Casting Template and Installation Requirements for These Items Refer to Siemens Documentation.
 - For Details of Ducting and Earthing Requirements Refer to Siemens Drawings and Documentation.
 - Refer To Siemens Documentation For Any Waterproofing System To Be Applied To The Foundation.
 - Cnom = 60mm

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Rev.	Description	App By	Date
A	ISSUE FOR PLANNING	JH	13.08.25

PROJECT		CLIENT		
SHANCLOON WIND FARM CO. GALWAY				
SHEET		Date	Project number	Scale (@ A1)
PILED TURBINE FOUNDATIONS OPTION 1 - 16 PILE LAYOUT		13.08.25	P20-306	Scale N/A
		Drawn by	Drawing Number	Rev
		POR	P20-306-0300-0021	A
		Checked by	RM	