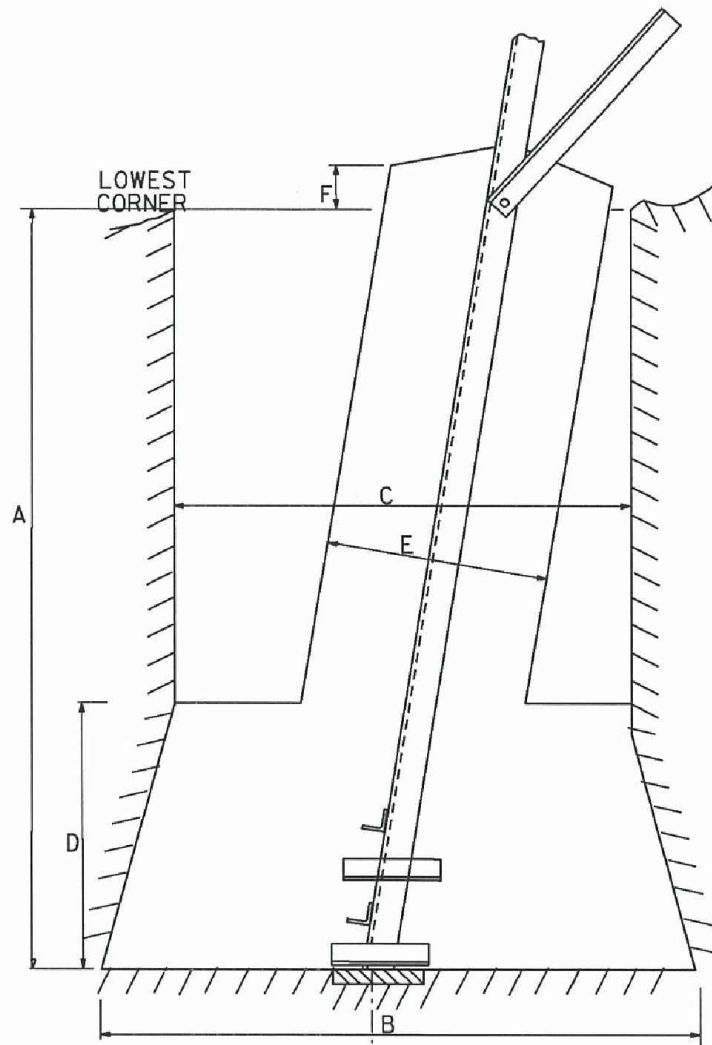


TABLE A

DIMENSIONS	A	B	C	D	E	F
VALUE (mm)	3000	1500	1300	1500	800	100

11.5m
OZ = 4683
OB = 3784
OC = 5602

13.5m
OZ = 5185
OB = 4266
OC = 6104



MAX. UPLIFT/ LEG = 54121kgs = 530.93kN
MAX. COMP/ LEG = 60076kgs = 589.35kN
MAX. TRANV. SHEAR/ LEG = 4,642kgs = 45.54kN
MAX. LONG SHEAR/ LEG = 4,126kgs = 40.48kN
VOLUME OF CONCRETE/ LEG = 8.8m³
(EXCLUDING BLINDING)

CONCRETE TO BE IN ACCORDANCE WITH SPECIFICATION
No. PG404-S27 (LATEST REV.) UNLESS OTHERWISE STATED
AND SHOULD HAVE A MINIMUM CEMENT CONTENT OF 300KGS/METRE

Notes:

1. Dig all four holes to the dimensions shown in Table A.
2. With a dumpy level, check the relative levels of the bottom of the holes. Check these levels with the relative levelsheets supplied by ESB Ltd. and excavate as necessary to get the same relative levels.
3. Use the marking out pegs to find the exact centre of the hole and set in there a concrete slab at least 300x300x75mm - again check relative levels.
4. Preassemble the back and front of the base and put on temporary tie members as shown on the relevant drawing.
5. Undercut the banks as shown
6. Lower the two parts of the base into the holes and onto the concrete slabs. Bolt the two parts together and put in temporary tie members at the sides.
7. Adjust the mast so that the diagonal distances ON A HORIZONTAL PLANE are equal. If different leg extensions are in use readings should be taken down from the first horizontal member and suitable marks placed on the legs at eye level - this will then define a more accessible horizontal plane.
8. When the diagonals are equal, level the mast using shims under the legs. The readings should be taken again from the first main horizontal member.
9. Repeat 7 and 8 until satisfactory - the difference between the highest and lowest legs should not exceed 3mm and the difference in diagonals should not exceed 10mm and the face difference should not exceed 5mm.
10. Fill the bottom of the hole with concrete as shown. (Note: Every care must be taken to prevent soil falling into the concrete and if any does it must be removed. The leg of the mast must be cleaned to ensure a good bond between the concrete and steel)
11. Place the specified former for the neck and fill the former with concrete. Use a mixture of sand and cement to finish of the necks. The formers should be left on for at least 24 hours.
12. In soft wet ground, where undercutting is not feasible, but sides will stand on vertical face, refer to drawing for Type C foundation.
13. Very bad holes, with general collapse of banks, very strong water inflow or peat should be referred to ESB Ltd.

ASSOCIATED DRAWINGS:

TOWER PEGGING -
TOWER DETAILS -
FORMER -
TEMPORARY STIFFENERS -

FOUNDATION TYPES :

A (ROCK) - DRG.No.
B (NORMAL) - THIS DRG.
C (PIPED) - DRG.No.
D (SHUTTERED) - DRG.No.

0	27.07.20	ISSUED FOR SUBSTITUTE CONSENT	SB	SB	CM	HOK
Rev	Date	Revision description	Drn	Prod	Ver	App
Purpose of issue - Preliminary unless indicated						
Client Approval <input type="checkbox"/> Planning <input checked="" type="checkbox"/> Tender <input type="checkbox"/> Construction <input type="checkbox"/> As-Built <input type="checkbox"/>						



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Project Derrybrien Wind Farm Project	Production unit Civil & Environmental Engineering	Drawn S. Bolton	Produced S. Bolton	Verified C. Moran	Approved H.O'Keeffe
Contract		Client ref.	No. of sheets 1	Size A3	Approval date 247.07.2020
		Drawing number QS-000280-01-D460-023-008-000		SHEET 1	REV