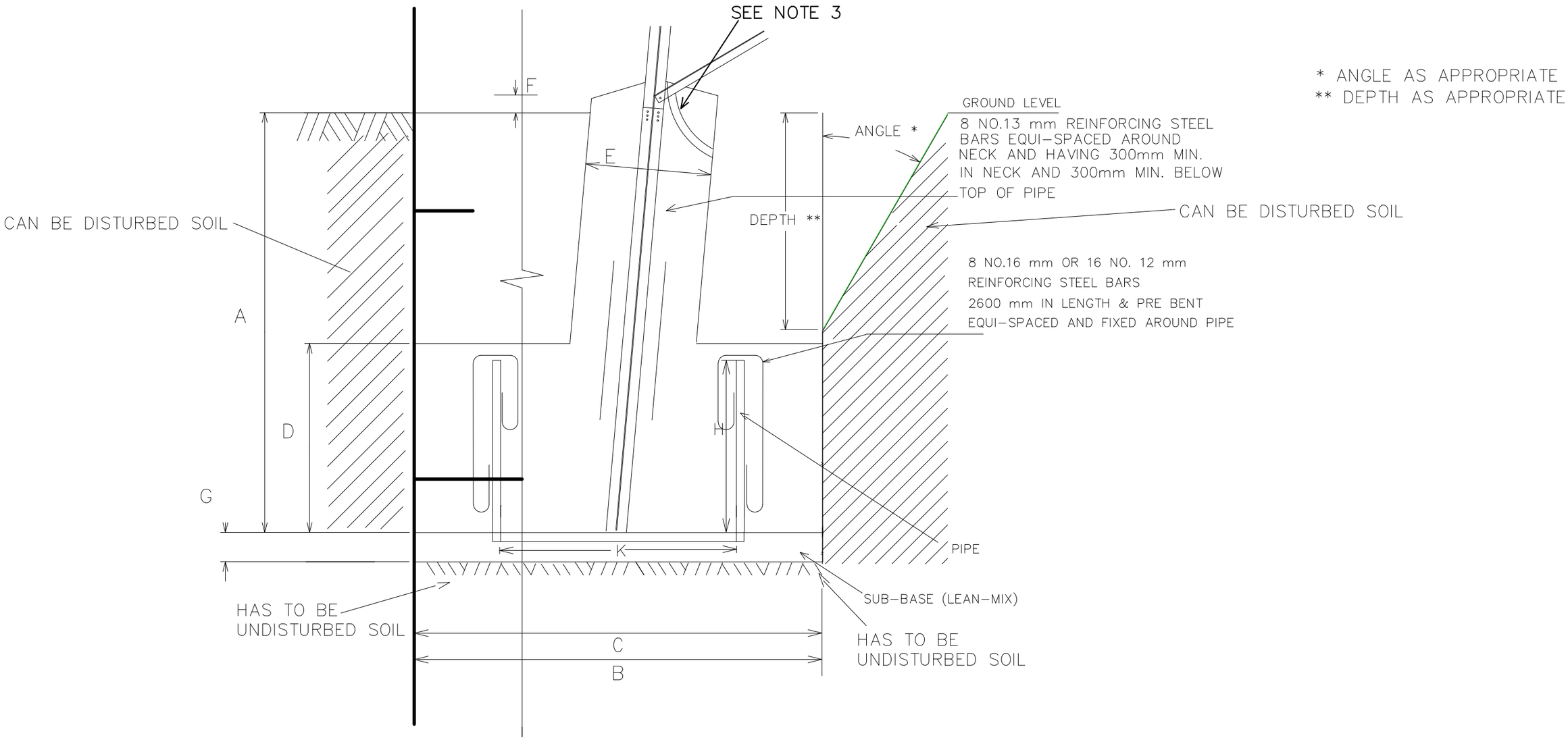
TRENCH SUPPORT



* ANGLE AS APPROPRIATE
** DEPTH AS APPROPRIATE

Concrete to be in accordance with ESB specification No. PG 404 - S27(Latest Revision)

DIMENSION	A	B	C	D	E	F	G	H	K
METRES	3.00	4.1	4.1	1.60	0.80	0.10	0.10	1.0 min	1.2 min

MAX UPLIFT/LEG= 121,291kgs = 1,189.86kN
MAX COMPRESSION LEG= 133,286kgs = 1,307.54kN
TRANSVERSE SHEAR/LEG= 9,117kgs = 89.44kN
LONGITUDINAL SHEAR/LEG= 6,870kgs = 67.39kN
VOLUME OF CONCRETE/LEG(min)= 27.86m (excluding sub-base)

3

Rev	Date	Revision description	Drn.	Prod	Ver.	App
0	04.04.25	Issued for Planning Permission for Proposed Development Works	SB	DH	HMcM	BA

Purpose of issue - Preliminary unless indicated

Client Approval ☐ Planning ☒ Tender ☐ Construction ☐ As-Built ☐

Energy for generations

Engineering and Major Projects,
One Dublin Airport Central,
Dublin Airport, Cloghran,
Co. Dublin, K67 XF72, Ireland.
Tel: 353 1 703 8000 Web: www.esb.ie
Engineering and Major Projects is a division of ESB.

Client Gort Windfarms Ltd.

Project Application for Planning Permission: Derrybrien Wind Farm Development
Decommissioning Project - Prospective Development

Contract

Drawing title Foundation details for Type 149E steel tower Foundation type 'D'

Production unit Civil & Environmental Engineering

COPYRIGHT © ESB
ALL RIGHTS RESERVED. NO PART OF THIS WORK MAY BE MODIFIED, REPRODUCED OR COPIED IN ANY FORM OR BY ANY MEANS - GRAPHIC, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, TAPING OR USED FOR ANY PURPOSE OTHER THAN ITS DESIGNATED PURPOSE, WITHOUT THE WRITTEN PERMISSION OF ESB.

Drawn	Produced	Verified	Approved	Approval date
S. Bolton	D.Hogan	H.McMeel	B.Allen	04.04.2025
Client ref.		No. of sheets	Size	Scale
		1	A3	n.t.s.

Drawing number QS-000280-01-D460-030-014-000 SHEET REV

r:\0153_derrybrien wind farm decomm\06 mapping\arcgis\aprxs\working\planning permission decommissioning- proposed development works\ohl\qs-000280-01-d460-030-014-000.dwg