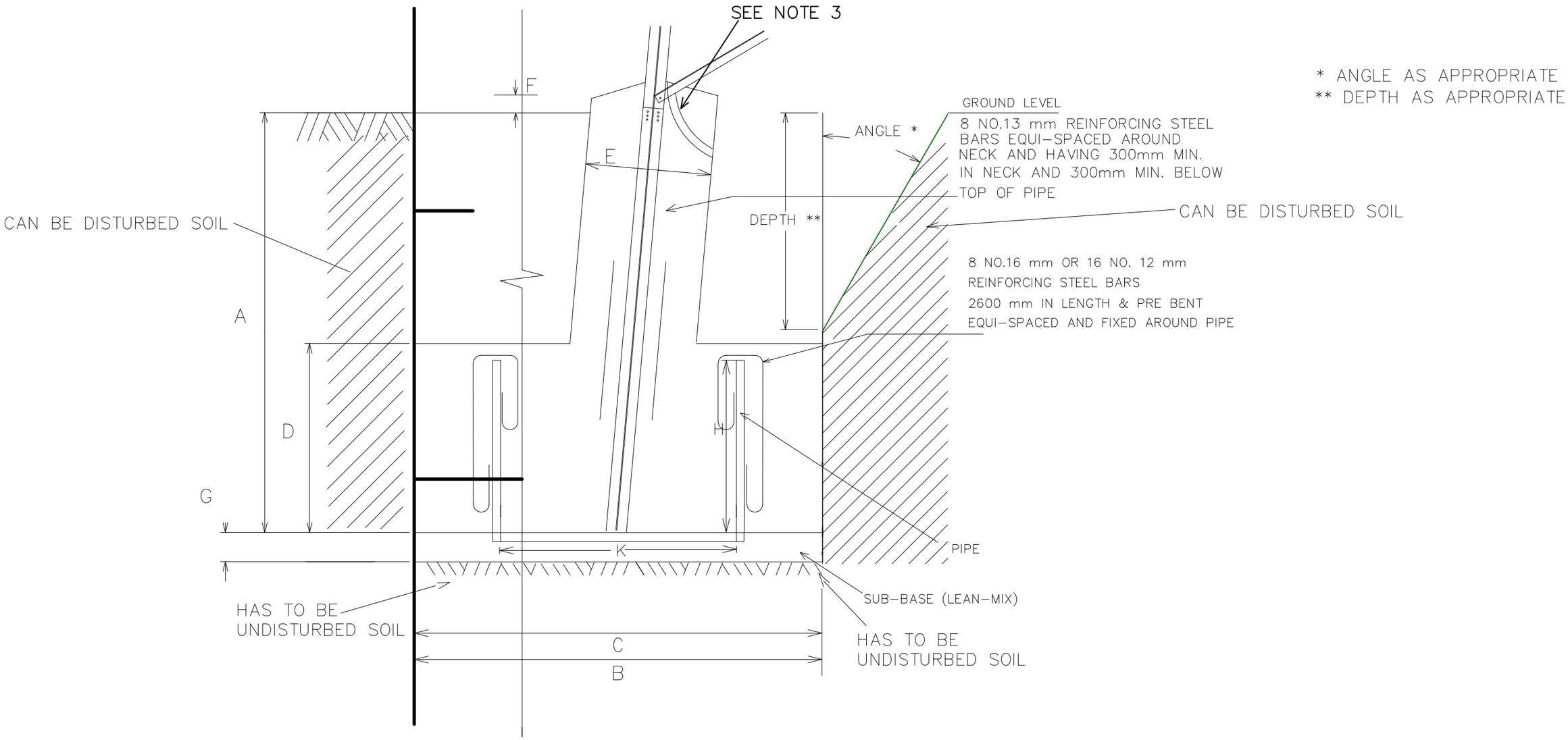
TRENCH SUPPORT



* 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	09.04.25	Issued for Substitute Consent - Retained Development	SB	DH	HMcM	BA

Purpose of issue - Preliminary unless indicated

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

Energy for generations

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Engineering and Major Projects is a division of ESB.

Client Gort Windfarms Ltd.

Project Application for Substitute Consent: Derrybrien Wind Farm Development
Decommissioning Project - Retained Development

Contract

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

Production unit Civil & Environmental Engineering

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Drawn	Produced	Verified	Approved	Approval date
S. Bolton	D.Hogan	H.McMeel	B.Allen	09.04.2025
Client ref.		No. of sheets	Size	Scale
		1	A3	n.t.s.

Drawing number QS-000280-01-D460-036-006-000 SHEET REV

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