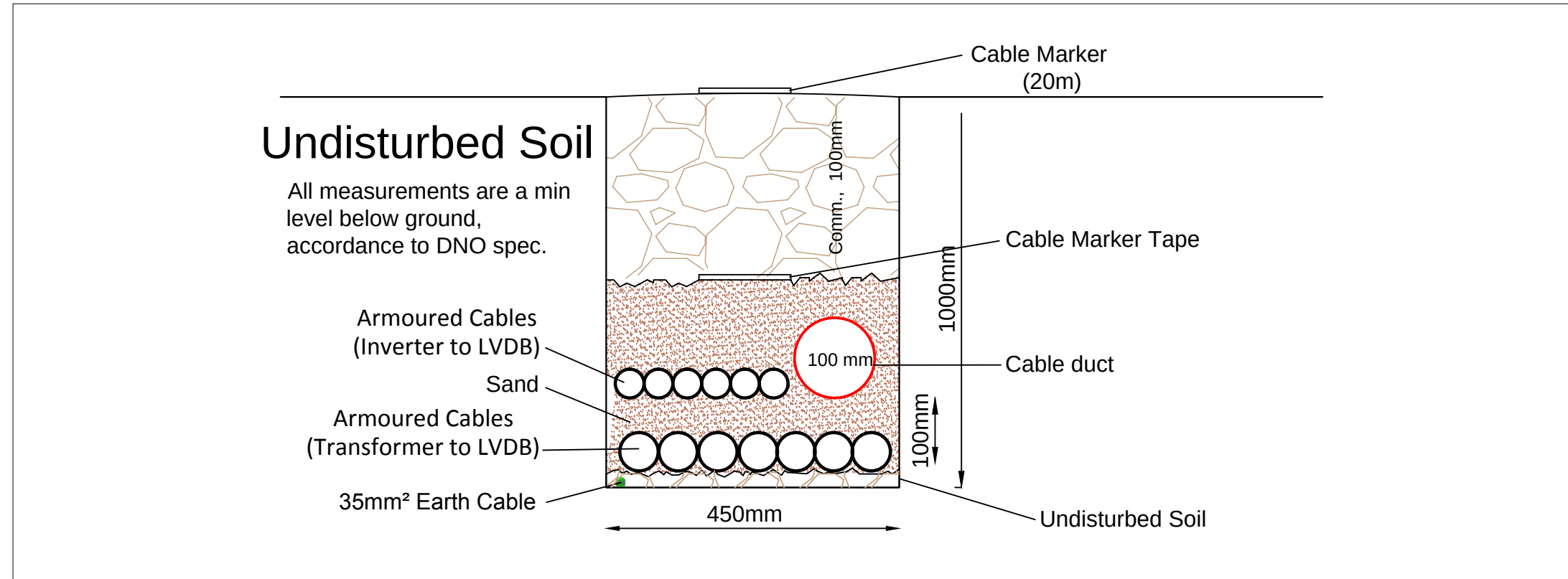


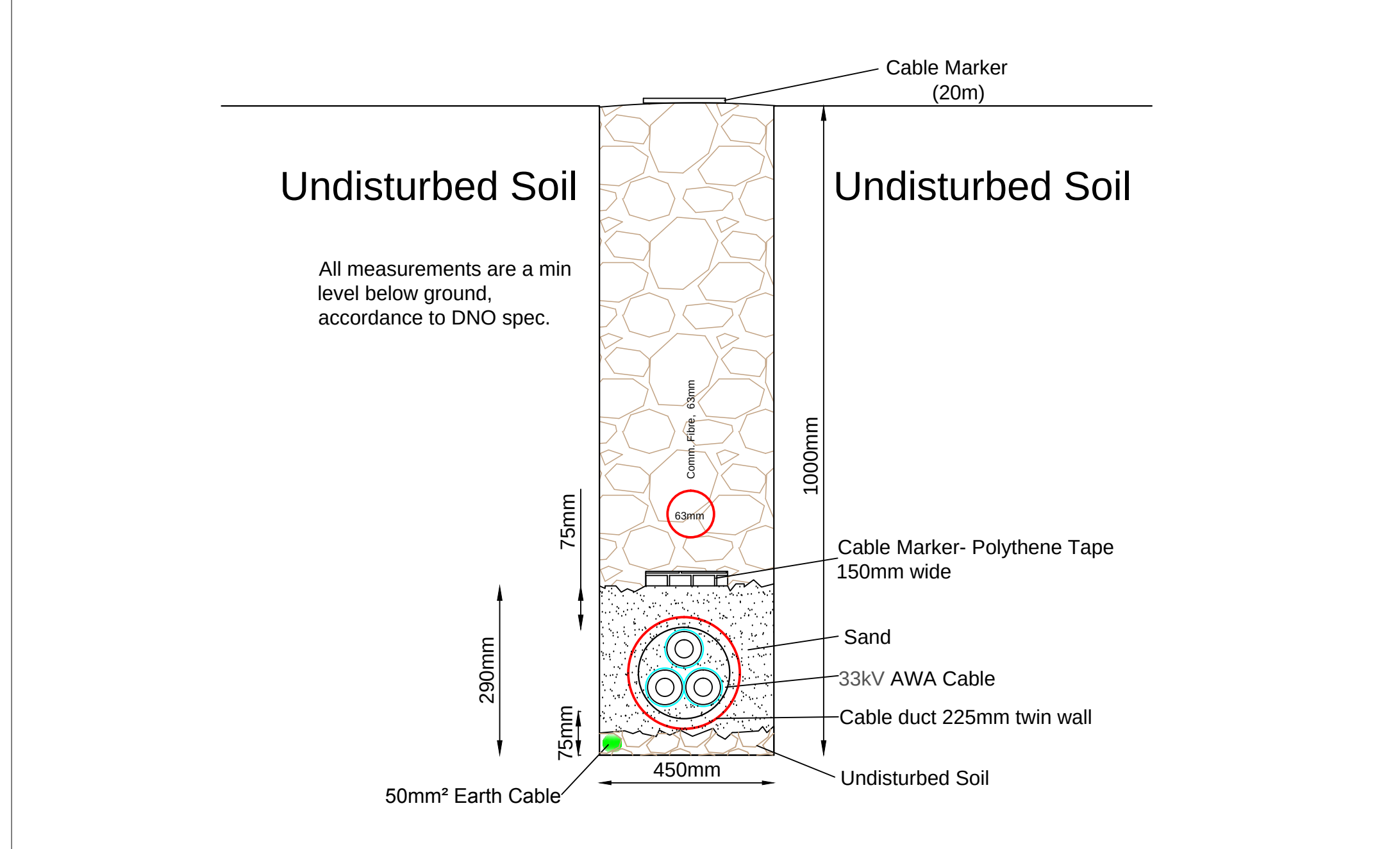
KEY

PV Modules Structure		DNO Substation	
Field Border		Private Switchgear Station	
Fence Line		Transformer Station	
Clearance		COMs / AC Duct	
Main Trench (Comms, AC, DC)		DC Riser	
DC Connection		Manhole	

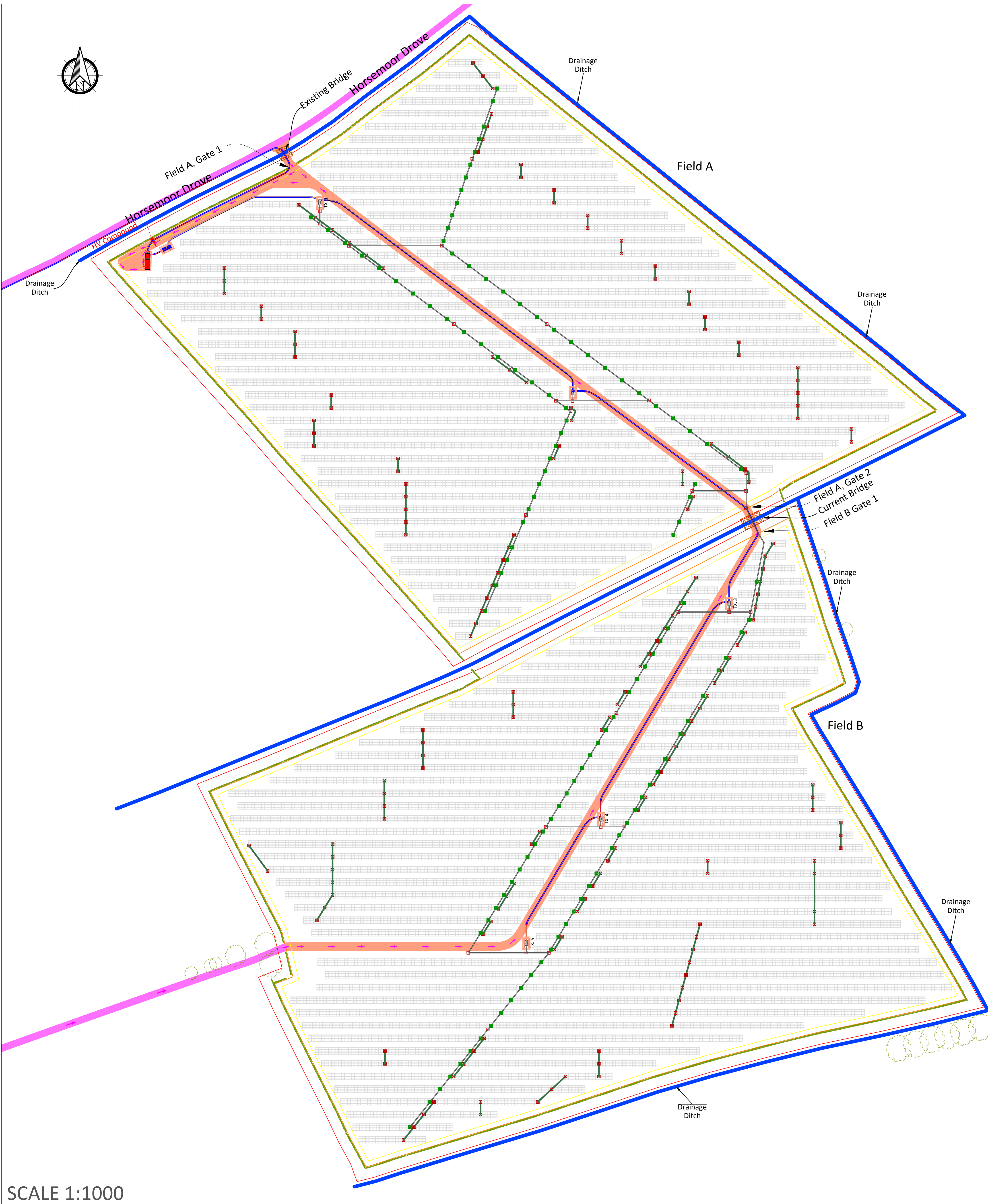
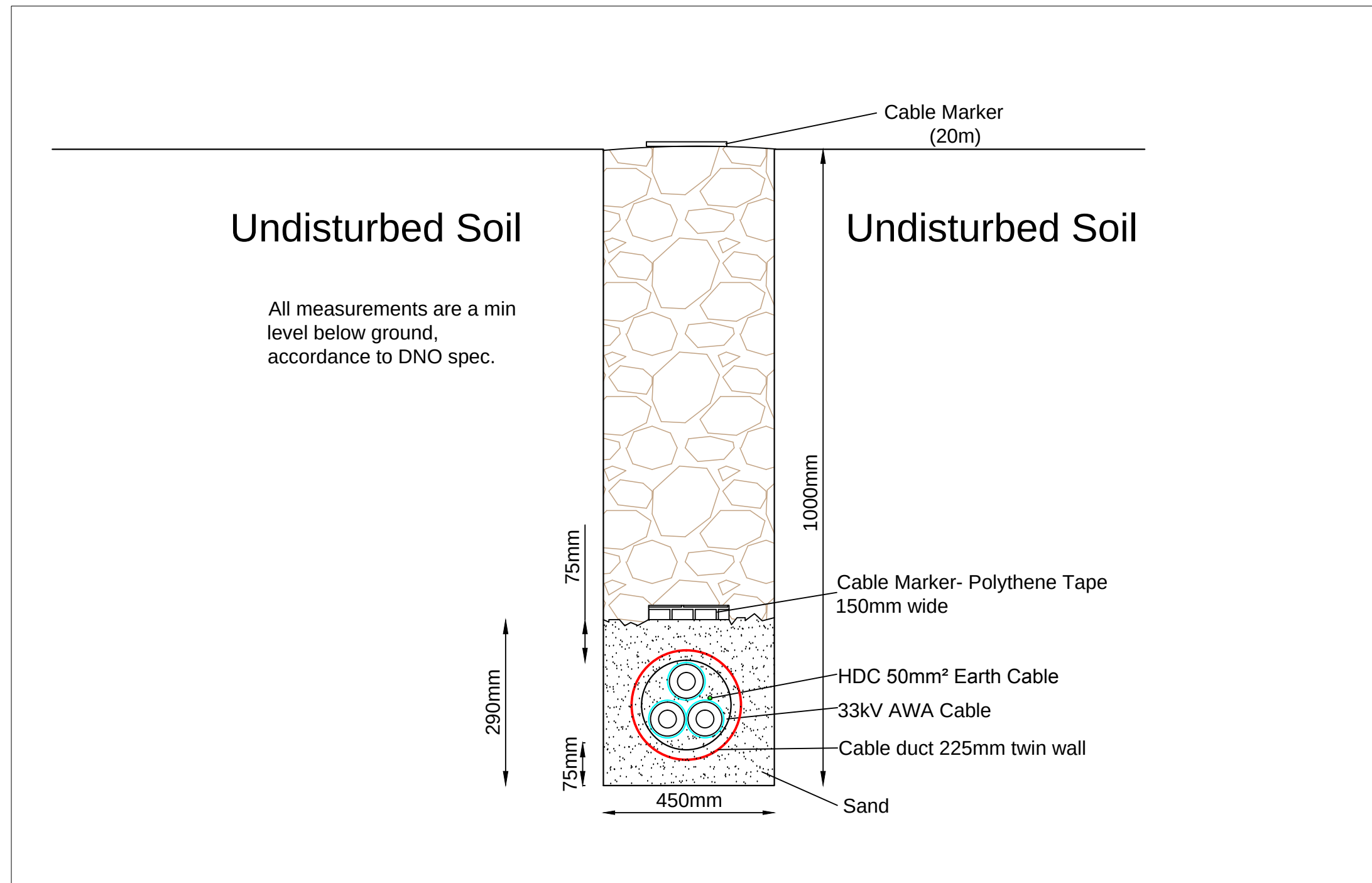
DETAIL: 24A - AC/DC TRENCH SPEC



DETAIL: 24B - INTERNAL HV TRENCH



DETAIL: 24C - EXTERNAL HV TRENCH - 2,500m



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2. Due to unavoidable inaccuracies during the reproduction process these drawings should not be scaled. Where dimensions are critical Sustain- UK Consultants should be requested to confirm dimensions based on site survey information. Scales appearing at the base of this plan are for indicative purpose only.
3. All dimensions and particulars should be checked on site. Any discrepancies should be reported to Sustain-UK before any work commences.

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

Notes

PLANT POWER: 13.0296MWp (DC) / 9.9680 MW (AC)

MODULE: Make: Talesun
Field: 305 Wp
Model: TP672M 305W
Type: Multicrystalline
Total: 42,720 Panels

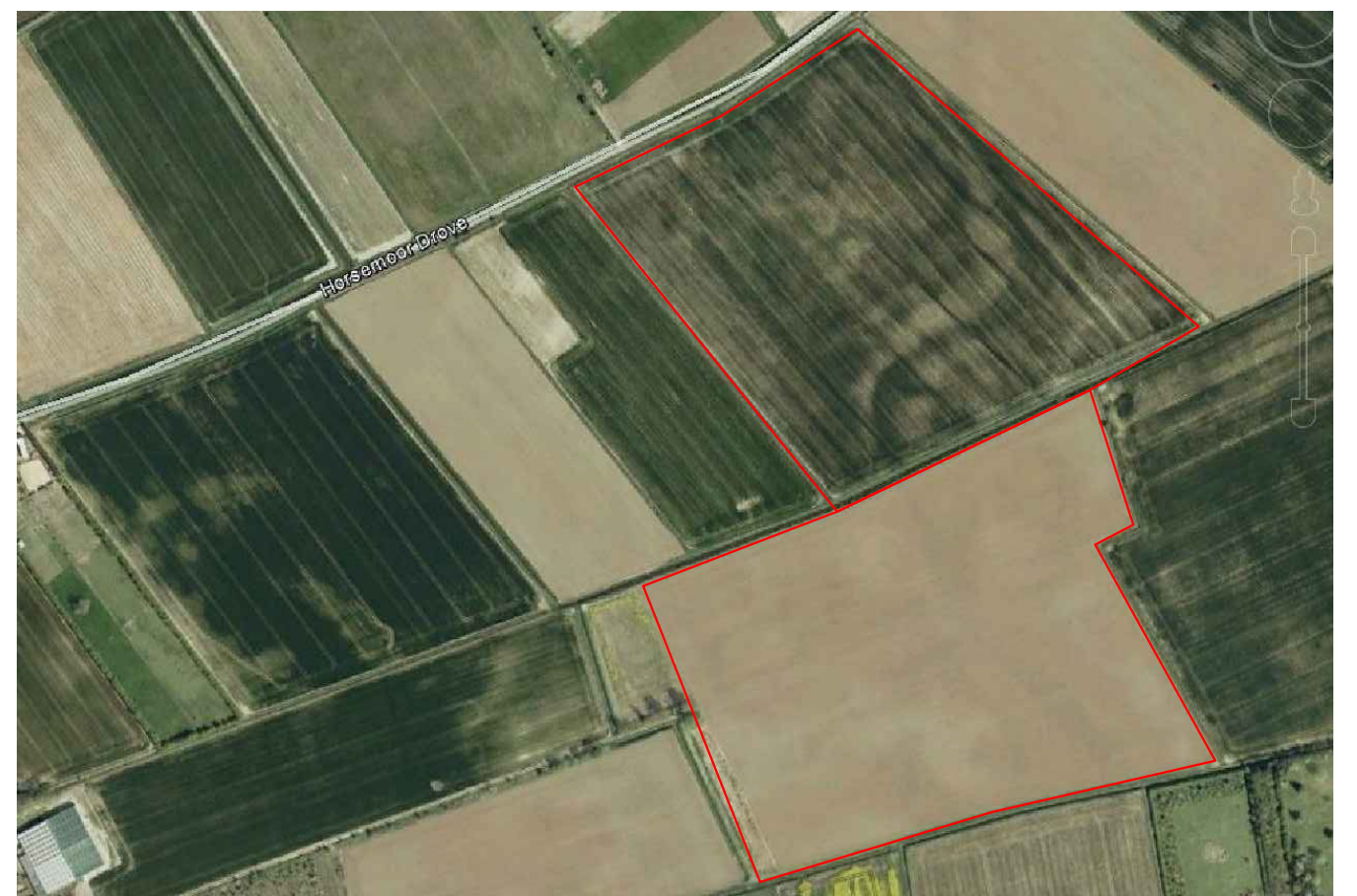
INVERTER: Make: Sungrow
Model: SG60KTL (max. 56 kWp)
Total: 178 Inverters
Strings: 2,136

STRUCTURES: Make: Unknown
Model: 20x4(474), 10x4(89) and 5x4(62)
Landscape
Pitch of the Panels: 20 degree (4x Landscape)
Minimum depth: 1.6m
Piles: Unknown

OTHER: Total square area: 201,421 m²
All panels are south-facing

GRID REFERENCE: 52° 44' 53.14" N
1° 32' 38.27" W

Notes:



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Tel: 01992 800666
E-mail: info@sustain-uk.com

AC/DC TRENCH PLAN AND DETAIL

ADDRESS: Grange Solar Farm
Horsemoor Drove
Sutton St. James
PE12 0EY
United Kingdom

SIZE	PROJECT	DWG. NO.	REV
A0	SUS024 - TRENCH DETAIL		D16
SCALE	1:1000	DATE	02/09/2014
		DRAWN BY	Yazan Abawi