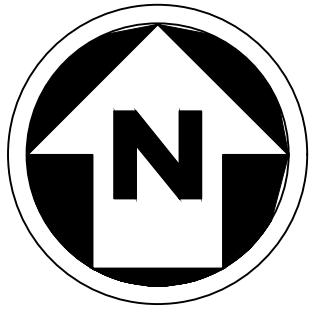




SYSTEM DETAILS

TIC - INSTALLED DC POWER (KWP) - 20.02
DNC - INSTALLED AC POWER (KW) - 16.00
DC/AC OVERSIZING (%) - 125.1

MODULE DETAILS

MANUFACTURER: TRINA SOLAR
MODEL: TSM-455NEG9R.28
RATING: 455Wp
TOTAL NUMBER INSTALLED: 44

INVERTER DETAILS

MANUFACTURER: SOLAREEDGE
MODEL: SE17k
SERIAL NUMBER: TBC

GENERATION METER

MANUFACTURER: INEPRO
MODEL: PRO380-MOD
SERIAL NUMBER: TBC

DC SAFETY UNIT

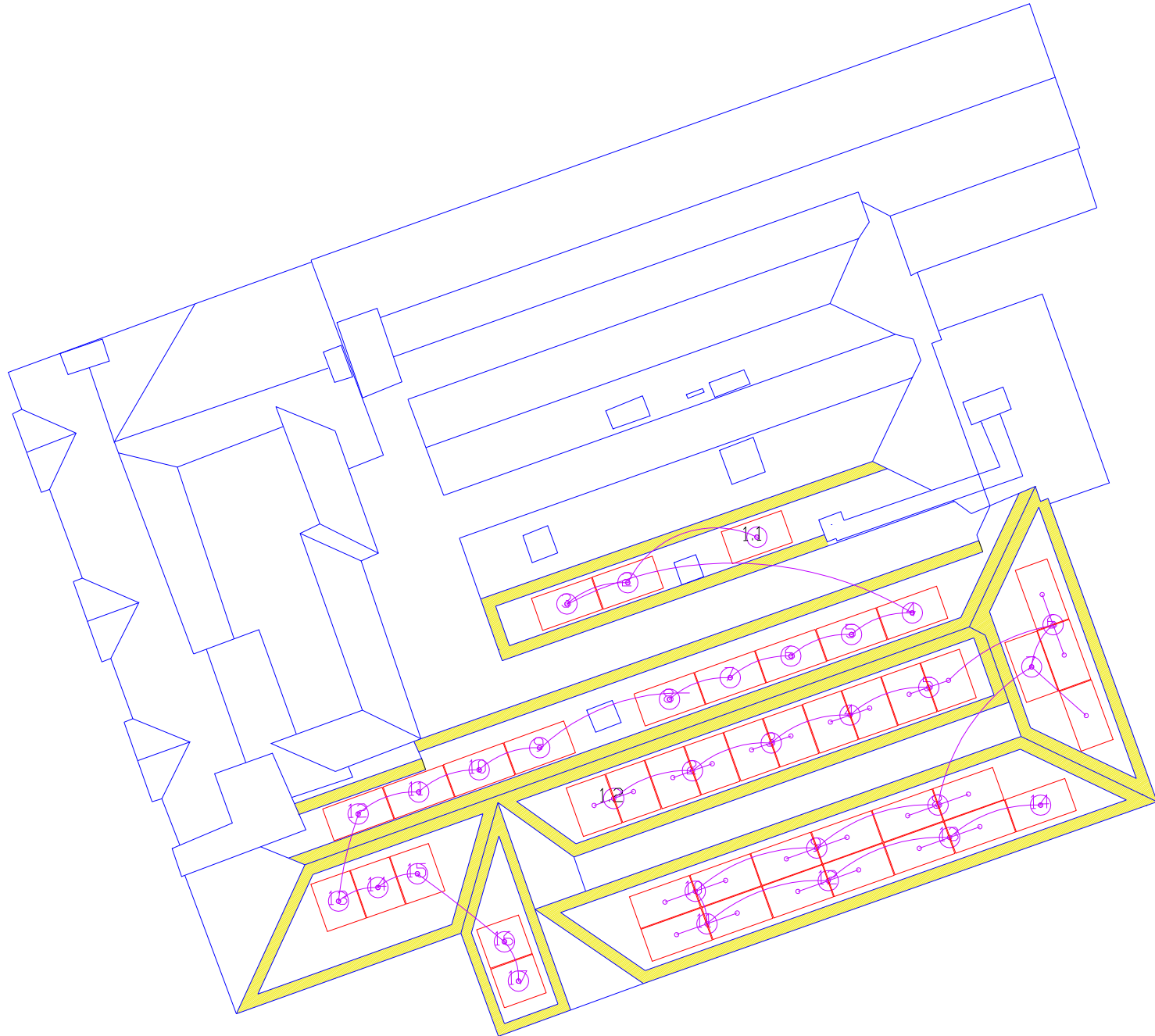
SEPERATE SURGE PROTECTIVE DEVICES - NOT INTEGRAL TO INVERTER
MANUFACTURER: EUROPA
MODEL: LBDC324P
RATING: 1500V / 32A

CURRENT TRANSFORMER

250A SPLIT-CORE CT
PART NO - SE-CT-SPL-250A-A
CT RATIO - 250A:5A

STRING CONFIGURATION

STRING NO.	OPTIMISERS	PV MODULES	KWP PER STRING
1	17 X S1000 (1:1)	17	7.735
2	13 X S1000 (2:1), 1 X S1000 (1:1)	27	12.285
3	N/A	N/A	N/A
4	N/A	N/A	N/A



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WARNING DO NOT SCALE FROM THIS DRAWING. VERIFY ALL DIMENSIONS AND STRUCTURAL DETAILS ON SITE.

Key:

- 400 mm Setback
- POC Point Of Connection
- Inverter
- Proposed Cable Route

Rev	Issue	Rev	Date	Description

Client:
The Scalpel 18th Floor,
52 Lime Street,
London,
United Kingdom,
EC3M 7AF
Web: www.roofenergy.uk

Project:
Copt Oak Markfield
Site Address:
**Whitwick Road, Markfield, Leicestershire,
LE67 9QB**

SYSTEM MASTER LAYOUT				
Designed	AV	Signed	<i>[Signature]</i>	Date 12/12/25
Drawn	SR	Signed	<i>S. Roberts</i>	Date 12/12/25
Checked	WG	Signed	<i>[Signature]</i>	Date 12/12/25
Approved	HG	Signed	<i>[Signature]</i>	Date 12/12/25
Original Scale 1:75				Original Size A3

NUVOLT LTD:
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Email: sales@nuvolt.co.uk

Project No.	Drawing No.	Version
M90184	M90184/SML	01