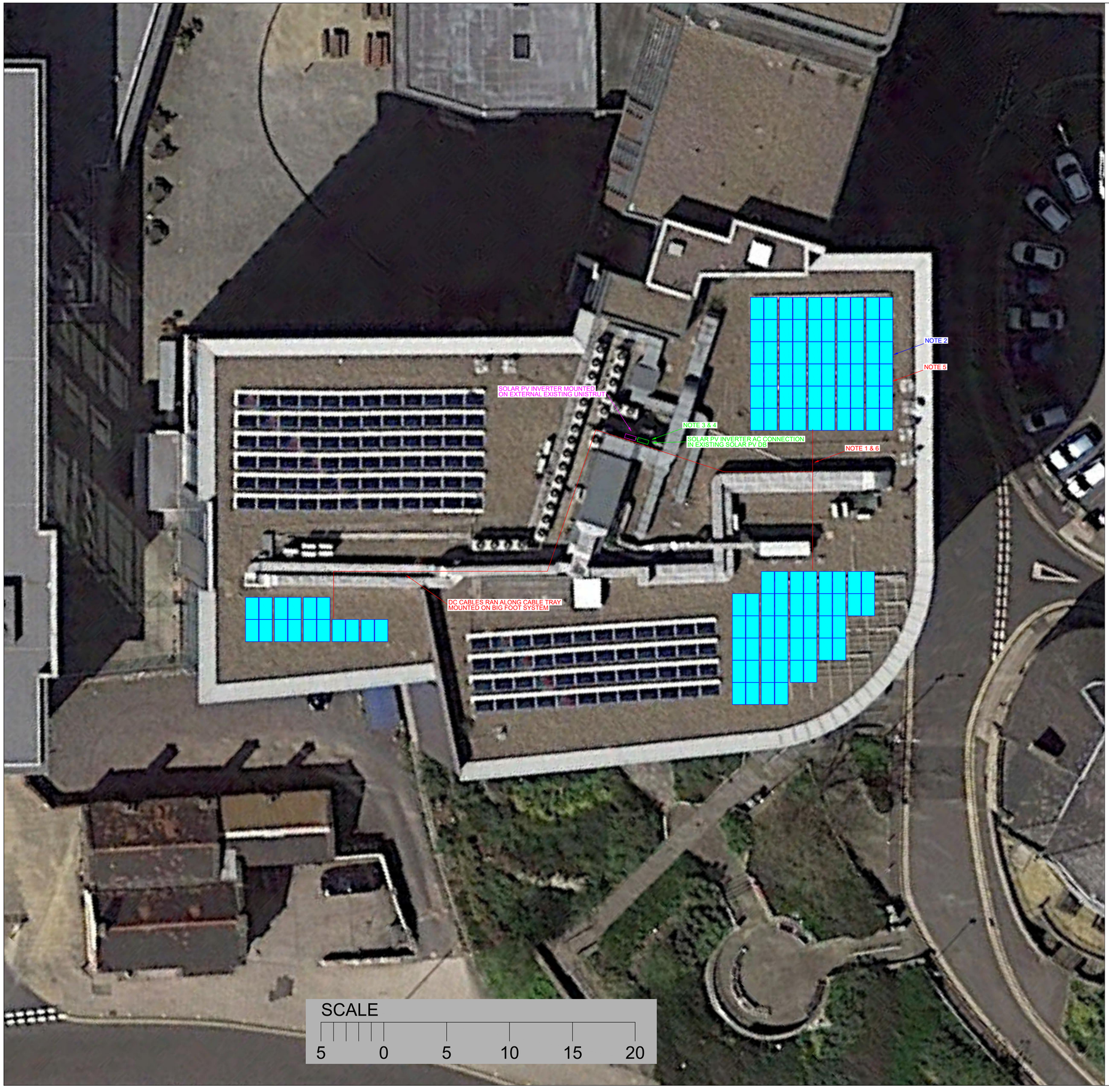
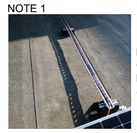


NOTE 1



EXTERNAL DC CABLES CONTAINED IN CABLE TRAY INSTALLED ON BIG FOOT SYSTEM

NOTE 2



SOLAR PV PANELS FIXED TO VAN DER VALK VALKRPO+ EAST WEST BALLASTED MOUNTING FRAME

NOTE 3



INVERTER AC CABLE TO BE TERMINATED IN NEW 63A BREAKER IN SPARE PANEL WAY ON EXISTING (PREVIOUSLY REMOVED SOLAREDGE SYSTEM) SOLAR PV SYSTEM. 63A MCCB ON CUSTOMER MAIN DB WILL NEED REPLACING WITH 100A MCCB. SEE SCHEMATIC ON SITE

NOTE 4



EXISTING (PREVIOUSLY REMOVED SOLAREDGE SYSTEM) SOLAR PV DB ISOLATOR LOCKED-OFF WITH EXISTING SURGE PROTECTION DEVICES STILL INSTALLED

NOTE 5



DC CABLES WHEN NOT IN CONTAINMENT WILL BE CABLE TIED TO THE SOLAR MODULE FRAME USING CABLE TIES

NOTE 6



AC AND DC CABLES WILL BE SECURED TO ITS CONTAINMENT USING PLASTIC CABLE TIES. STAINLESS STEEL CABLE TIES WILL BE USED EVERY 1 METER

NOTES:

TIC: 45 kWp
DNC: 36 kW

SOLAR PV PANELS:
120 NO. LONGI LR4-60HPH-375M

INVERTERS:
1 NO. SOLIS-36K-5G

SOLAR PV MODULE

DC CABLE ROUTE

AC CABLE ROUTE

SOLAR PV INVERTER

LV AC DISTRIBUTION

SIGNED FOR REVISION: REV

AUTHOR:	
CHECKER:	
APPROVER:	

REV	BY	DESCRIPTION	CHKD	APPD	DATE
2	DH	Panels changed to 60 cell			26/07/21
1	DH	Initial version			19/07/21

CLIENT:

BARNSLEY METROPOLITAN BOROUGH COUNCIL

BARNSLEY Metropolitan Borough Council

AMERESCO
Green • Clean • Sustainable

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Walnut Tree Close, Guildford
GU1 4UL

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3rd Floor, 14-16 Dowgate Hill
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PROJECT TITLE:

BARNSLEY METROPOLITAN BOROUGH COUNCIL
RE:FIT PHASE 2

PROJECT REFERENCE:

10871-00-000

DRAWING TITLE:

GATEWAY PLAZA
PROPOSAL PLAN

SCALE:	DRG. NO:	REV:
1:150 @ A1		2