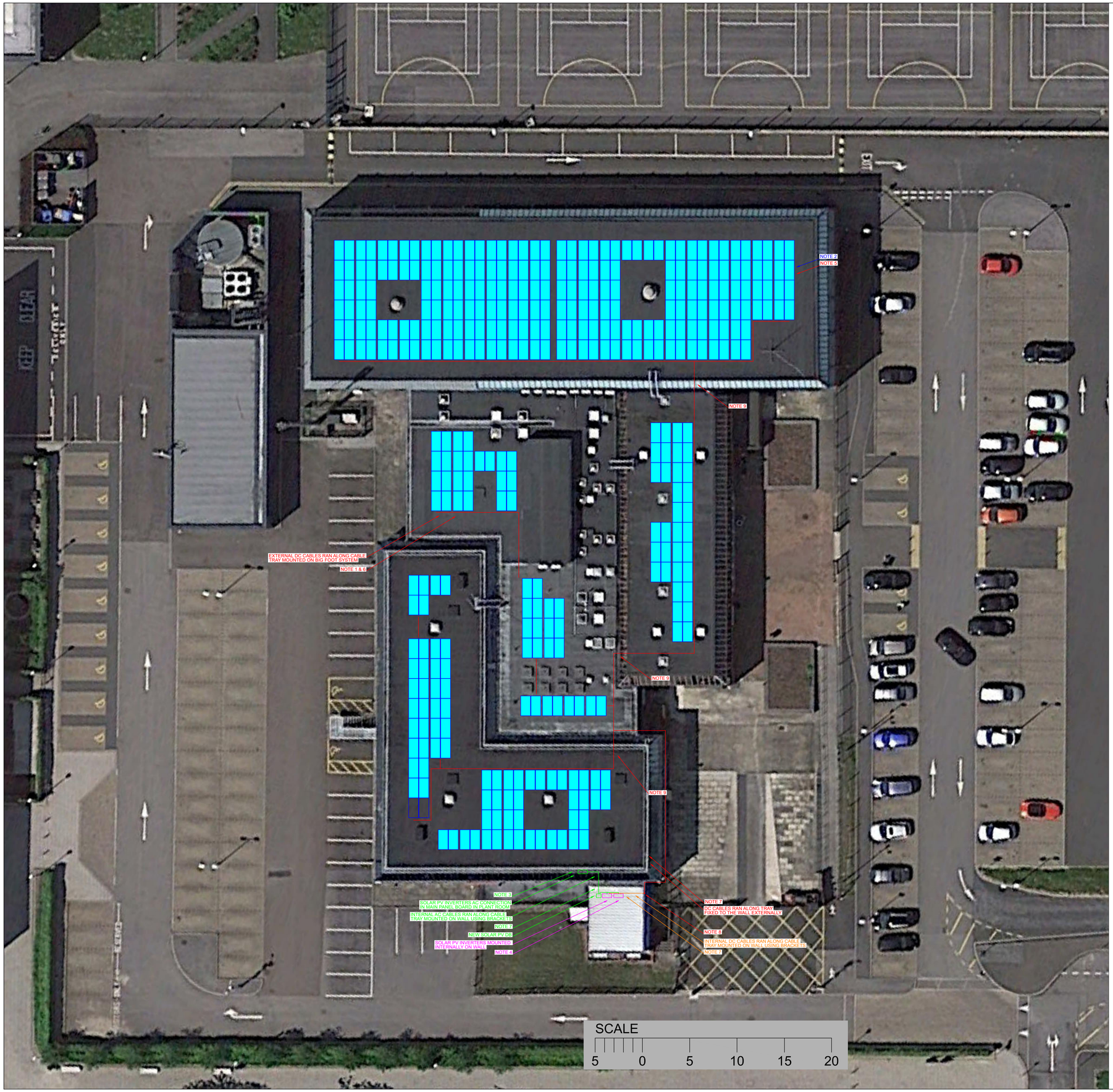
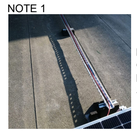


NOTE 1



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

NOTE 2



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

NOTE 3



SOLAR PV DB AC CABLE TO BE TERMINATED IN MAIN PANEL BOARD DB1 USING 250A MCCB

NOTE 4



SOLAR PV INVERTERS TO BE MOUNTED INTERNALLY ON WALL - EXISTING TREND CABINETS TO BE REMOVED

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

NOTE 7



INTERNAL DC AND AC CABLES RAN IN CABLE TRAY FIXED TO THE WALL USING BRACKETS

NOTE 8



EXTERNAL DC CABLES PENETRATE WALL INTO PLANT ROOM IN SIMILAR FASHION TO EXISTING CABLES. ANY HOLES TO BE FILLED WITH FIRE RATED SEALANT

NOTE 9



EXTERNAL DC CABLES WILL RUN FROM VARIOUS ROOF LEVELS OVER CABLE TRAY RISERS

NOTES:

TIC: 171 kWp
DNC: 136 kW

SOLAR PV PANELS:
380 NO. LONGI LR4-72HPH-450M

INVERTERS:
1 NO. SOLIS-100K-5G
1 NO. SOLIS-36K-5G

N

SOLAR PV MODULE

DC CABLE ROUTE - INTERNAL

DC CABLE ROUTE - EXTERNAL

AC CABLE ROUTE - INTERNAL

AC CABLE ROUTE - EXTERNAL

SOLAR PV INVERTER

LV AC DISTRIBUTION

SIGNED FOR REVISION: REV

AUTHOR:	
CHECKER:	
APPROVER:	

REV	BY	DESCRIPTION	CHKD	APPD	DATE
1	DH	Initial version			19/07/21

CLIENT:

BARNSLEY METROPOLITAN BOROUGH COUNCIL

BARNSLEY Metropolitan Borough Council

AMERESCO
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Walnut Tree Close, Guildford
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PROJECT TITLE:

BARNSLEY METROPOLITAN BOROUGH COUNCIL
RE:FIT PHASE 2

PROJECT REFERENCE:

10871-00-000

DRAWING TITLE:

HOYLAND LEISURE CENTRE
PROPOSAL PLAN

SCALE:	DRG. NO:	REV:
1:200 @ A1		1