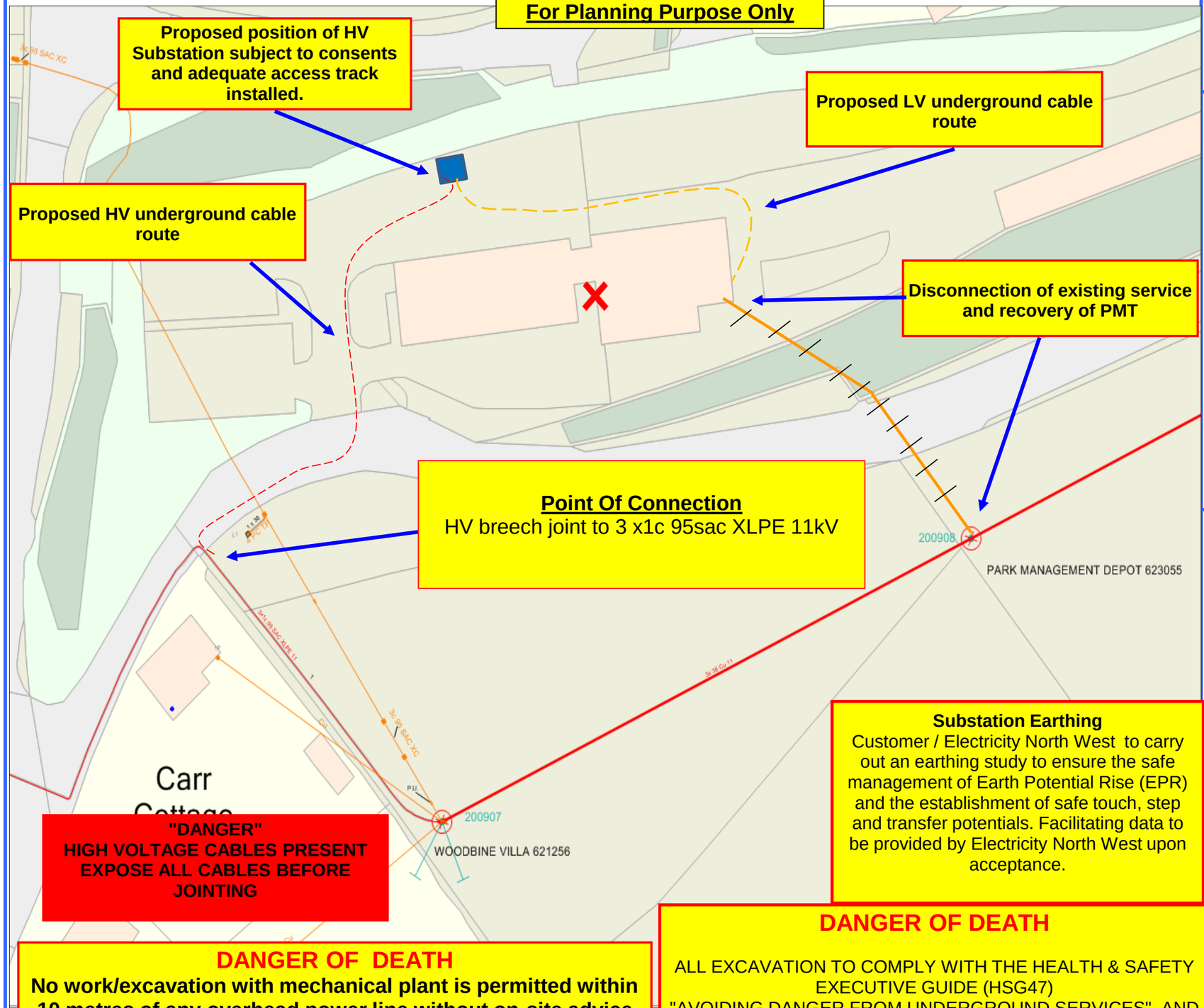
For Planning Purpose Only



Substation Earthing
Customer / Electricity North West to carry out an earthing study to ensure the safe management of Earth Potential Rise (EPR) and the establishment of safe touch, step and transfer potentials. Facilitating data to be provided by Electricity North West upon acceptance.

DANGER OF DEATH

ALL EXCAVATION TO COMPLY WITH THE HEALTH & SAFETY EXECUTIVE GUIDE (HSG47) "AVOIDING DANGER FROM UNDERGROUND SERVICES" AND (HSG6), "AVOIDING DANGER FROM OVERHEAD POWER LINES". AT ALL TIMES TAKING INTO ACCOUNT THAT OTHER PLANT MAY BE IN THE VICINITY WHICH IS NOT SHOWN ON OUR PLANS.

DANGER OF DEATH

No work/excavation with mechanical plant is permitted within 10 metres of any overhead power line without on-site advice from Electricity North West.
This measurement to be taken horizontally at ground level to the nearest conductor.

electricity north west
Bringing energy to your door

PROJECT DETAIL

Title:		LDNPA Northern Office
Address:		Old Station Yard , Threlkeld Keswick, CA12 4TT
Scheme Ref Number:		5500150093/E
Drawn By:		Sue Dean
Date:		01-Oct-2019
Grid Reference:	(X)	331984
	(Y)	524532
Scale:		N.T.S

Point of Connection Expiry Date:
Valid for a period of 180 days from the date of the Quotation

POINT OF CONNECTION TECHNICAL DETAIL

Cable Size @ P.O.C :	3x1c95sac XLPE 11kV
Voltage :	11000 Volts
Minimum Cable Size :	3x1c95sac XLPE 11kV
Loop or Teed (HV only)	Teed
Primary - Feeder Name :	Keswick - Keswick Timeshare
Transformer Size :	kVA
Fuse Size :	Amps
Earth Loop Impedance :	ohms
% Voltage Drop	
1) Including site load	%
2) excluding site Load	%
Generation:	
Voltage Rise relative to primary BB :	%
Positive sequence R+JX (% on 100MVA base)	

Notes :

For reference only

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This plan is issued by Electricity North West Limited. Unless otherwise indicated Electricity North West Limited cables are laid at depths in accordance with NJUG 2 (typically 450mm for Low Voltage & 600mm for 11KV cables in footpath). 33KV/132KV cables are laid at depths as marked. The depths and positions of Electricity North West Limited equipment was accurate as shown when the equipment was installed. However, third parties may have altered the surface level & other reference data. Therefore Electricity North West Limited accept no responsibility for the position of Electricity North West Limited equipment being different from that shown. No person, body or company, shall be relieved from liability for damage caused to Electricity North West Limited equipment by reason of being located differently to the indications on this drawing. Service cables are not necessarily shown but must be assumed to exist to all premises, streetlights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated in the cable records.

Other apparatus may also be present which is owned by a third party other than Electricity North West Limited. Reproduced from or based upon Ordnance Survey's map with permission of the controller of Her Majesty's Stationery Office. Crown Copyright Reserved. LICENCE No 100017892. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Reference should be made to HSE guidance HS(G)47 "Avoiding Danger from Underground Services" and GS6 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited, registered number 2366949, registered in England and Wales, registered office: 304 Bridgewater Place, Birchwood Park, Warrington, WA3 6XG