



**HV Point Of Connection 1**  
 Teed connection onto 3 x 1c300 SAC XLPE,  
 F3907 Piccadilly - Jackson Warehouse/Major  
 St Westminster House cct

**For Planning Purpose Only**

**"DANGER"**  
 HIGH VOLTAGE CABLES PRESENT  
 EXPOSE ALL CABLES BEFORE  
 JOINTING

**New substation to be  
 looped in between HV Point  
 of connections 1 & 2**

**PROJECT DETAIL**

Name & Address: [REDACTED]

Scheme Ref Number: [REDACTED]

Drawn By: [REDACTED]

Date: 21/04/2020

Grid Reference: (X) [REDACTED]  
 (Y) [REDACTED]

Scale: N.T.S

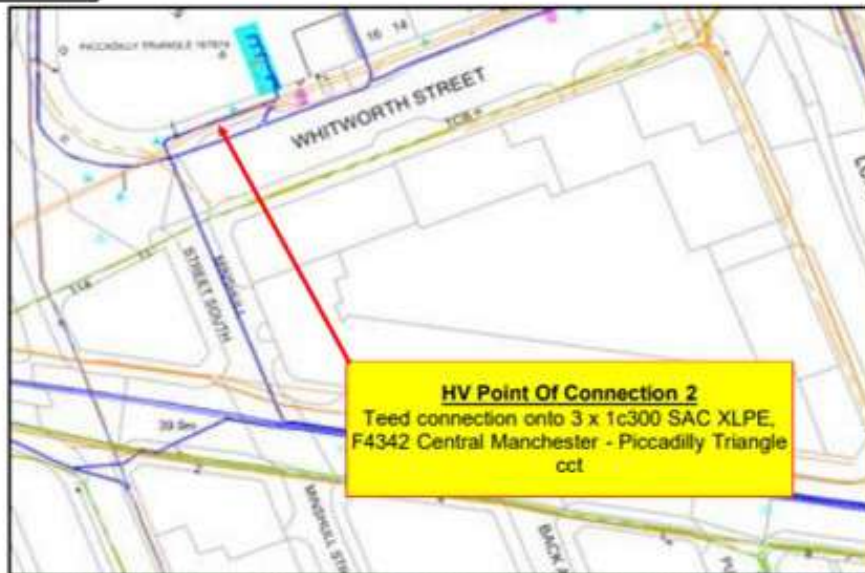
**POINT OF CONNECTION  
 TECHNICAL DETAIL**

Cable Size @ P.O.C :	see drawing
Voltage :	6600 volts
Minimum Cable Size :	
Loop or Teed (HV only)	Looped
Feeder Name / No :	Jackson Warehouse/Major St
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 <sub>s</sub> X <sub>s</sub> (% on 100MVA base)	

Notes :

**Substation / PMT Earthing**  
 Customer /CP/IOND 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.



**HV Point Of Connection 2**  
 Teed connection onto 3 x 1c300 SAC XLPE,  
 F4342 Central Manchester - Piccadilly Triangle  
 cct

This plan is issued by Electricity North West Limited unless otherwise indicated. Electricity North West Limited cables are laid at depths in accordance with NICEIC Approved Code of Practice (ACOP) for cable laying & protection to 110kV unless a separate ACOP/CD/IOND is set at depths as marked. The depth and protection of Electricity North West Limited equipment also complies as shown when the equipment is installed. However, third parties may have altered the surface level & other relevant 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 released 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 in all premises, streetslights and signs. There may be other Electricity North West Limited apparatus in the vicinity which is not indicated in the cable schedule.

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. 10001962. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings. Reference should be made to HSE guidance H50247 "Avoiding Danger from Underground Services" and L248 "Avoidance of Danger from Overhead Power Lines". Electricity North West Limited, registered number 2305945, registered in England and Wales, registered office, 204 Bridgepark Place, Richmond Park, Warrington, WA5 2AG.