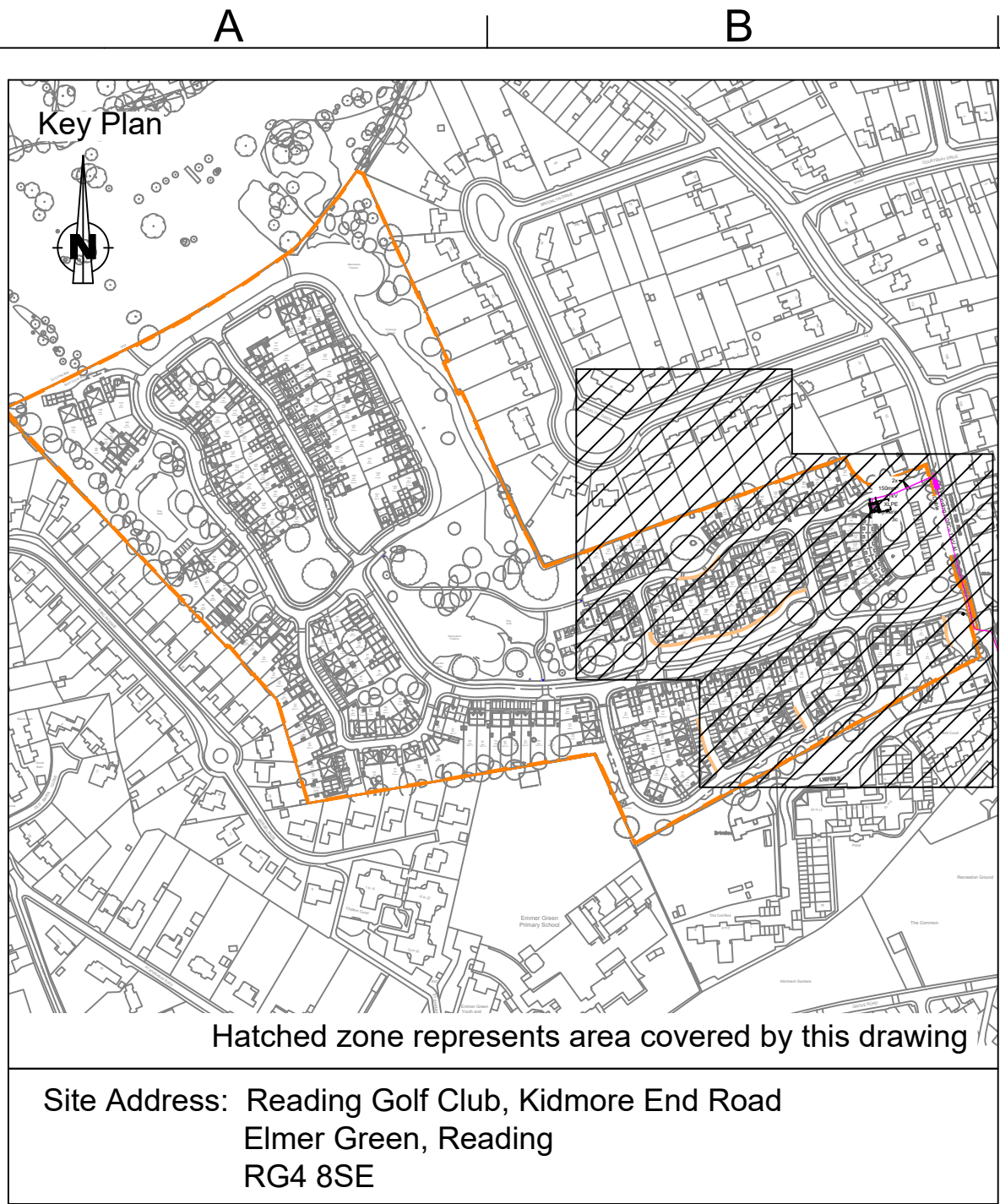
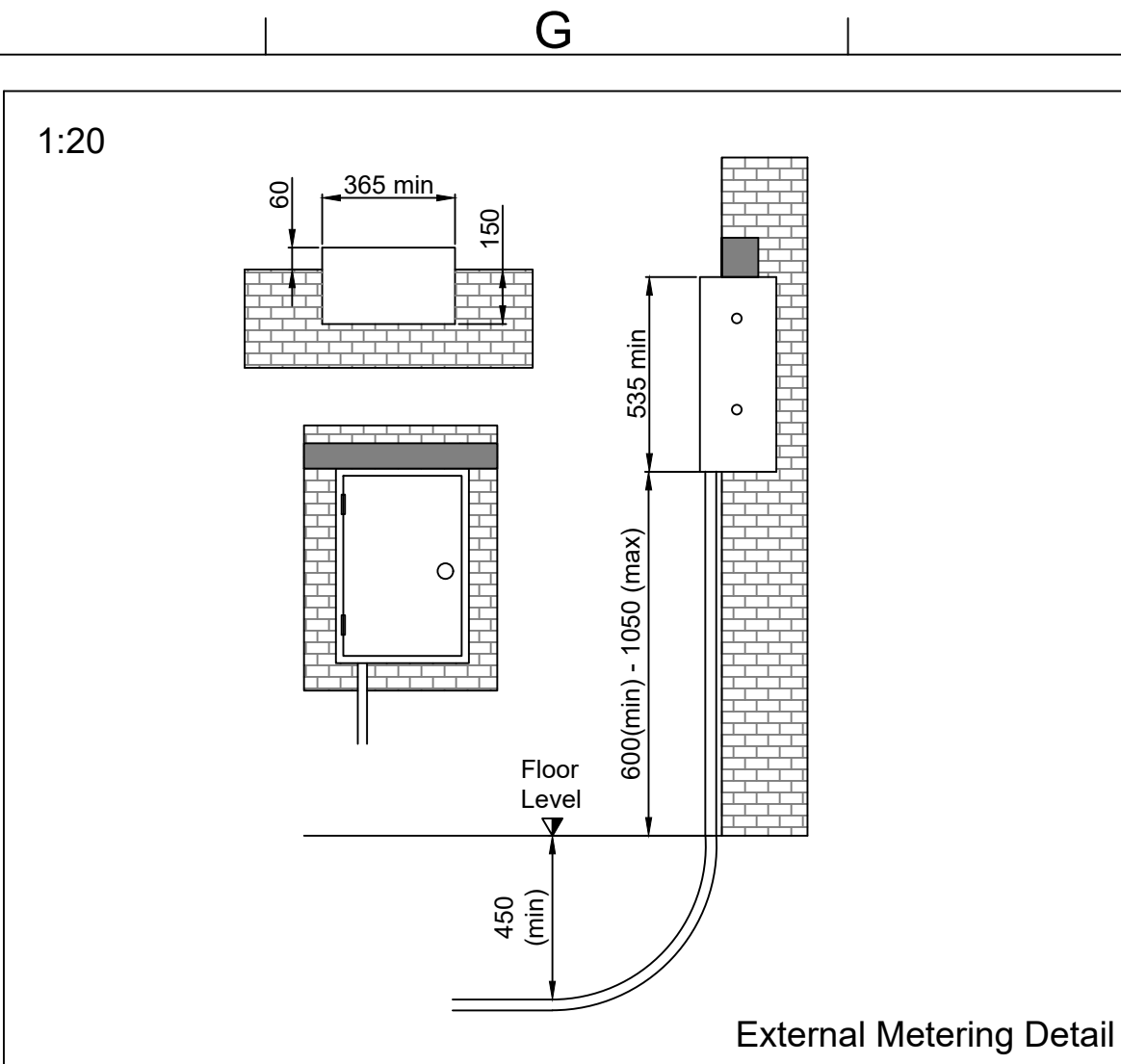
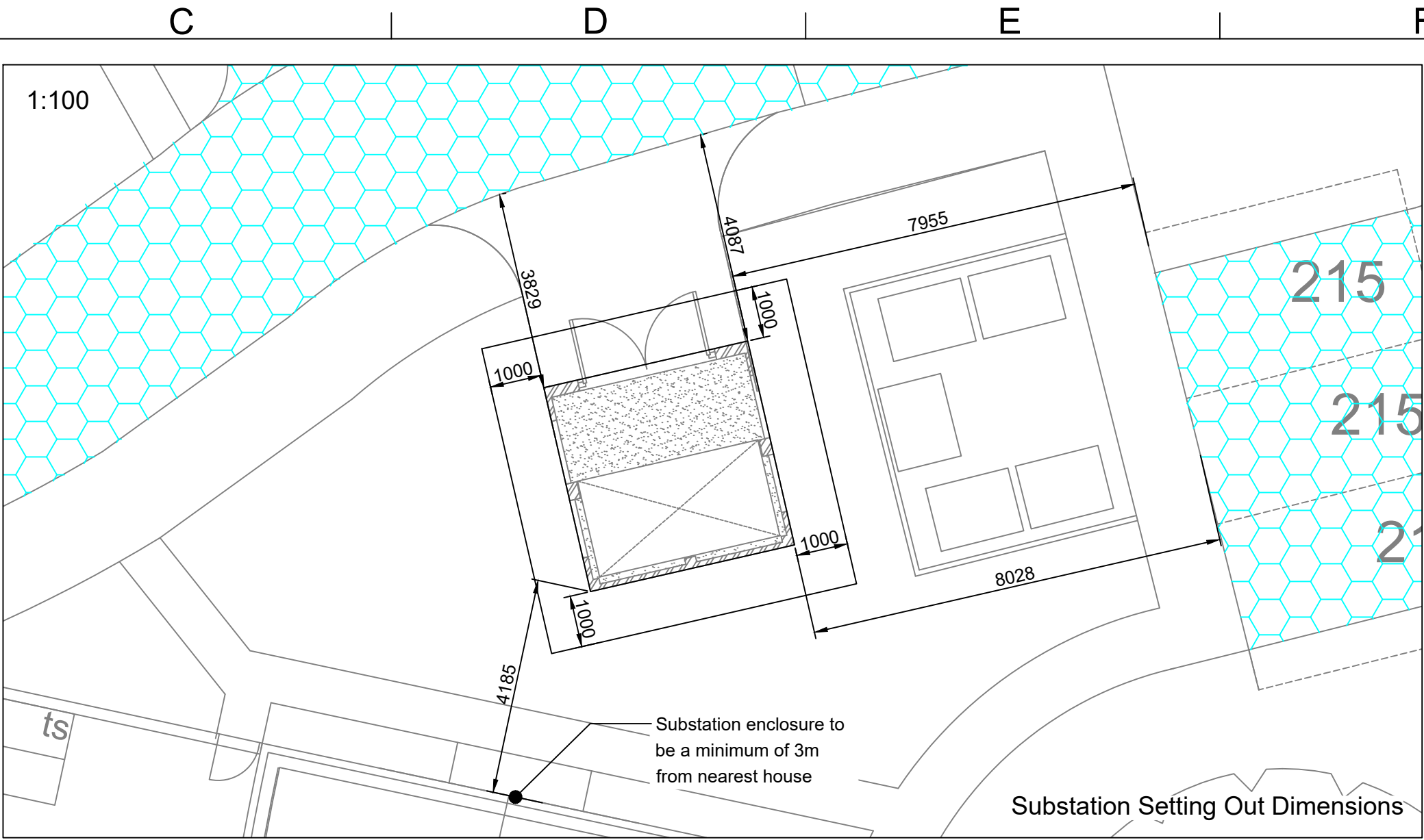
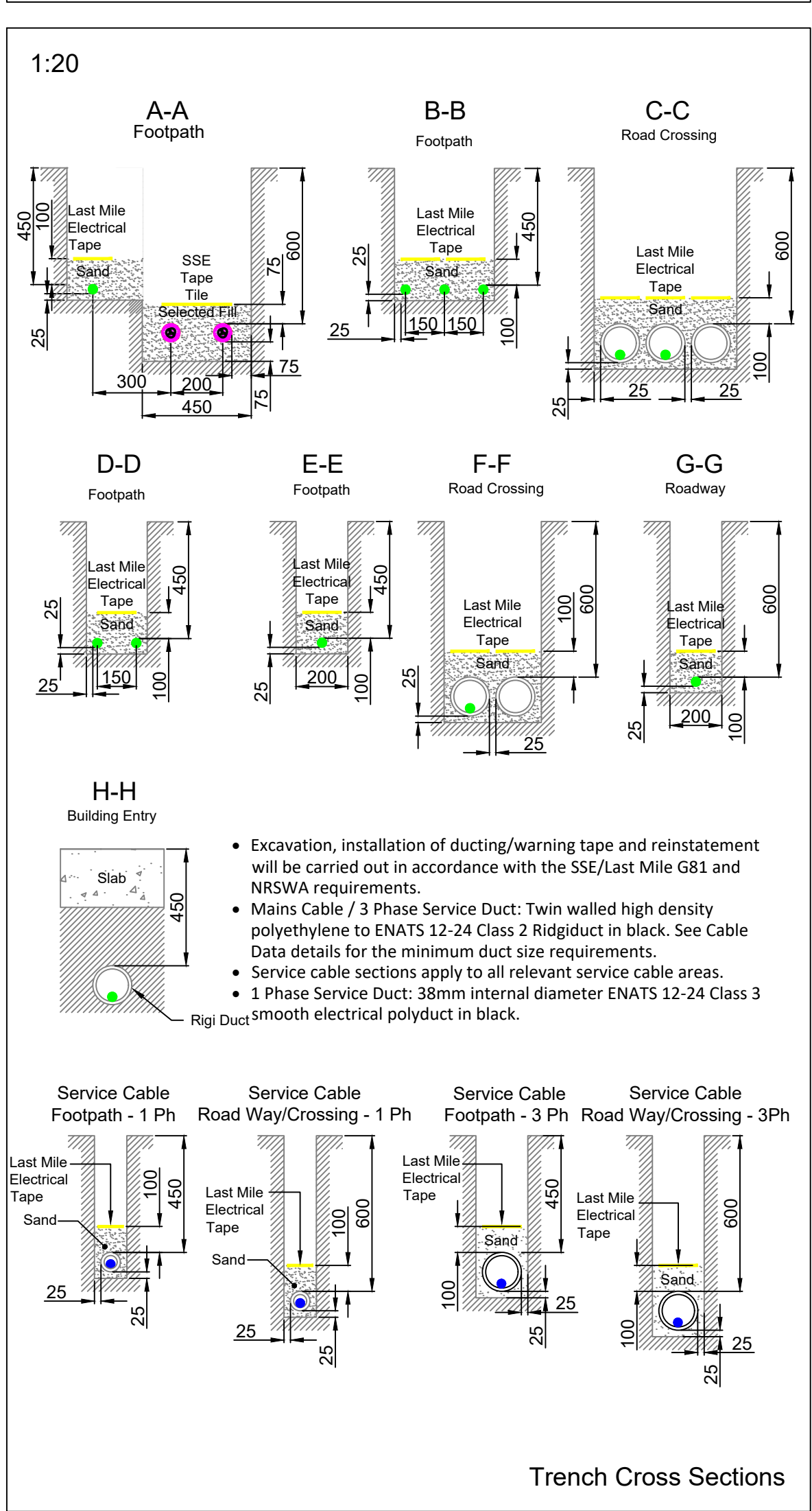




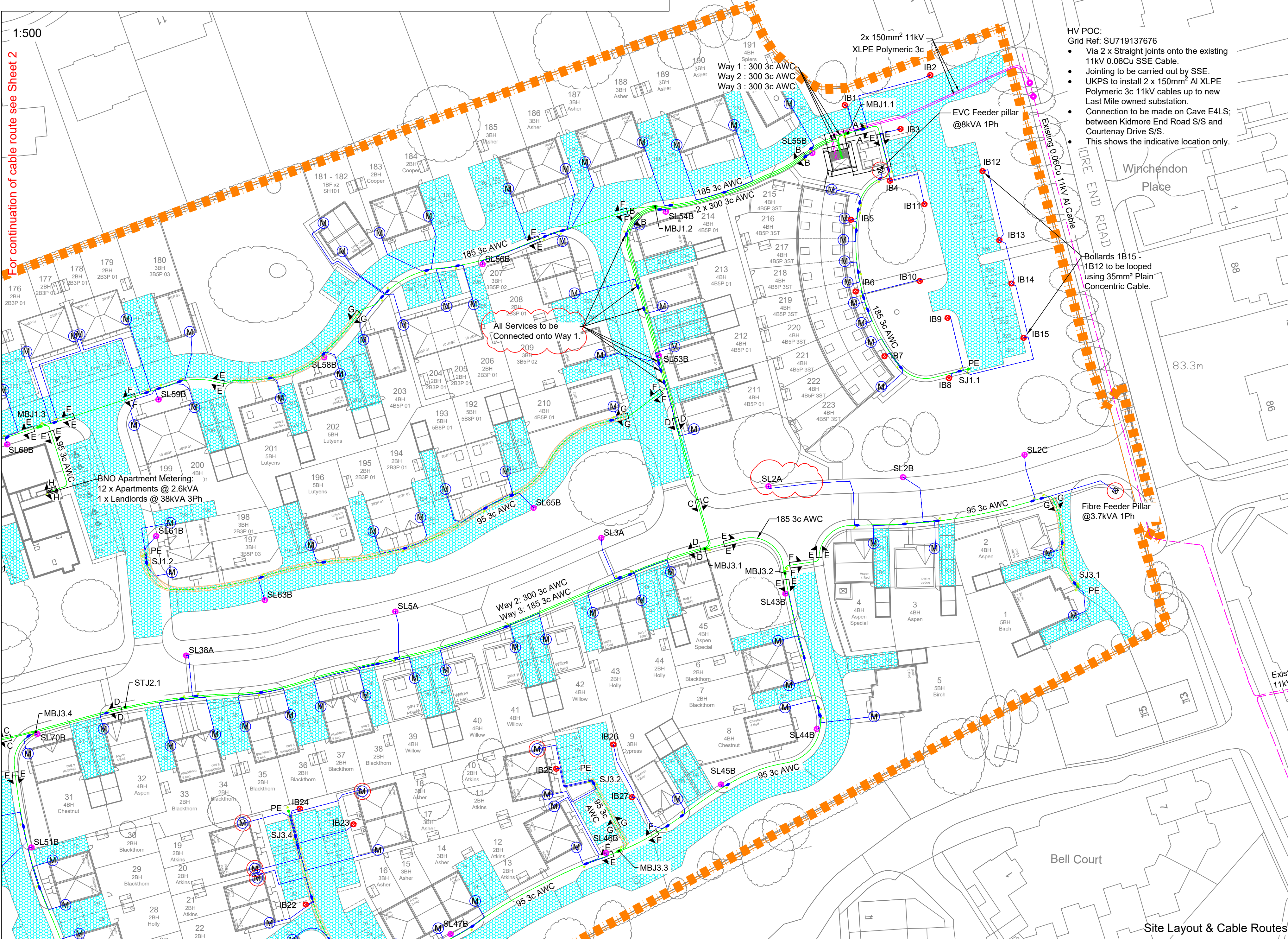
Cable Installation Data			
Cable Type	Max Pulling Tension	Minimum Bending Radius	Minimum Duct Size (ID)
300mm ² Al Waveform 3c	7000N	850mm	125mm
185mm ² Al Waveform 3c	7000N	700mm	125mm
95mm ² Al Waveform 3c	3000N	550mm	125mm
35mm ² Al Plain Concentric 1Ph	Manual	125mm	38mm

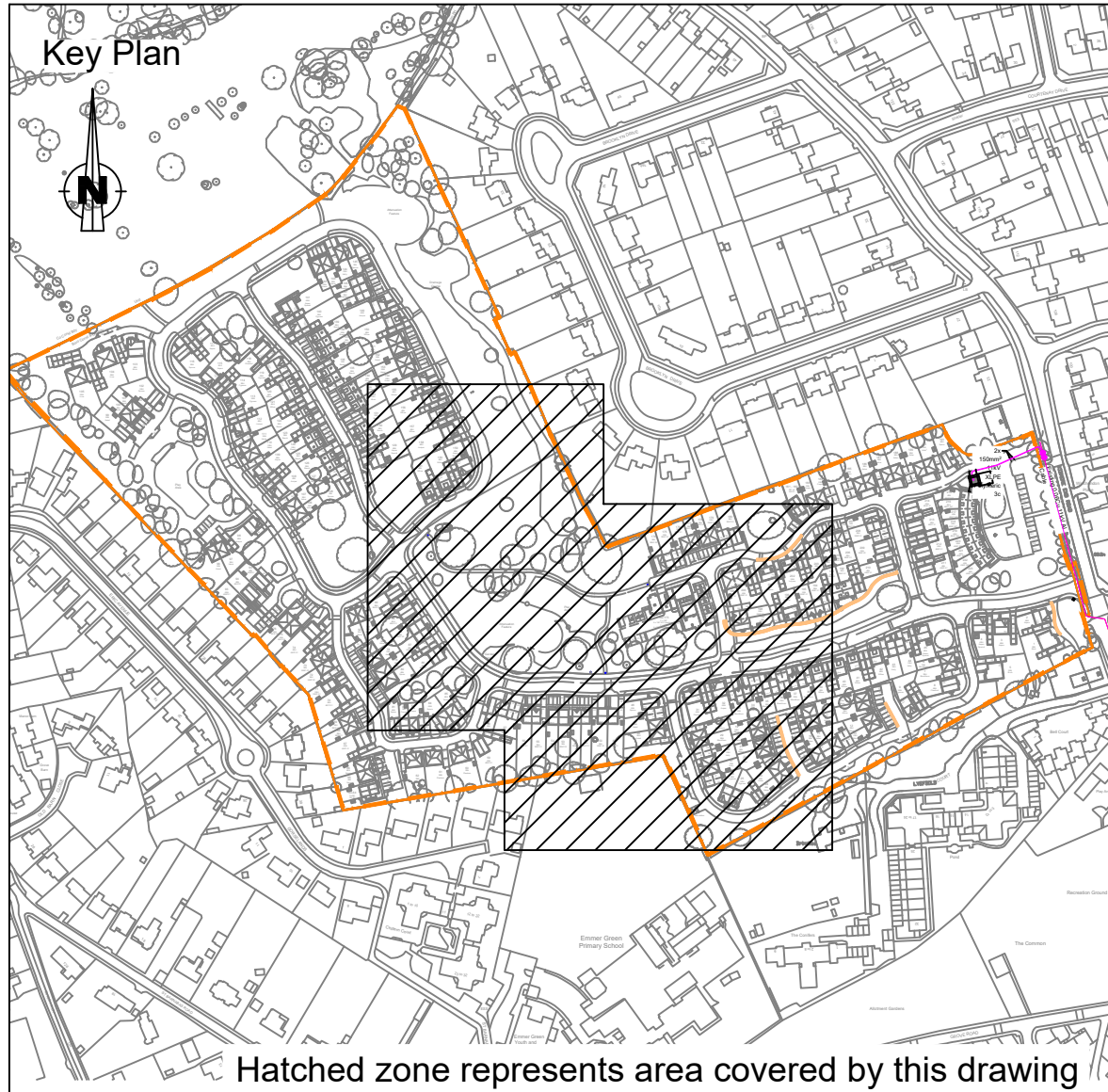


- General Notes:**
- SSE Ref: EWU854/1
 - Last Mile Ref: LM002847
 - Substation Type: Freestanding - Brick Built
 - For Project Scope and Material Specifications, please refer to Project Information Document - IDNO.
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- H&S Notes:**
- Please be aware that underground cables exist on the site. It is important that all works comply with the requirements of the health and safety executive document HSG47 - "Avoiding Danger from Underground Services".
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- Trees to be planted within a tree box, or suitable tree root protection to be installed alongside on-site excavations where cables are in proximity of proposed trees or other deep-rooted landscaping.
- Substation Access:**
- Minimum 1000mm clearance and handstanding required around the substation.
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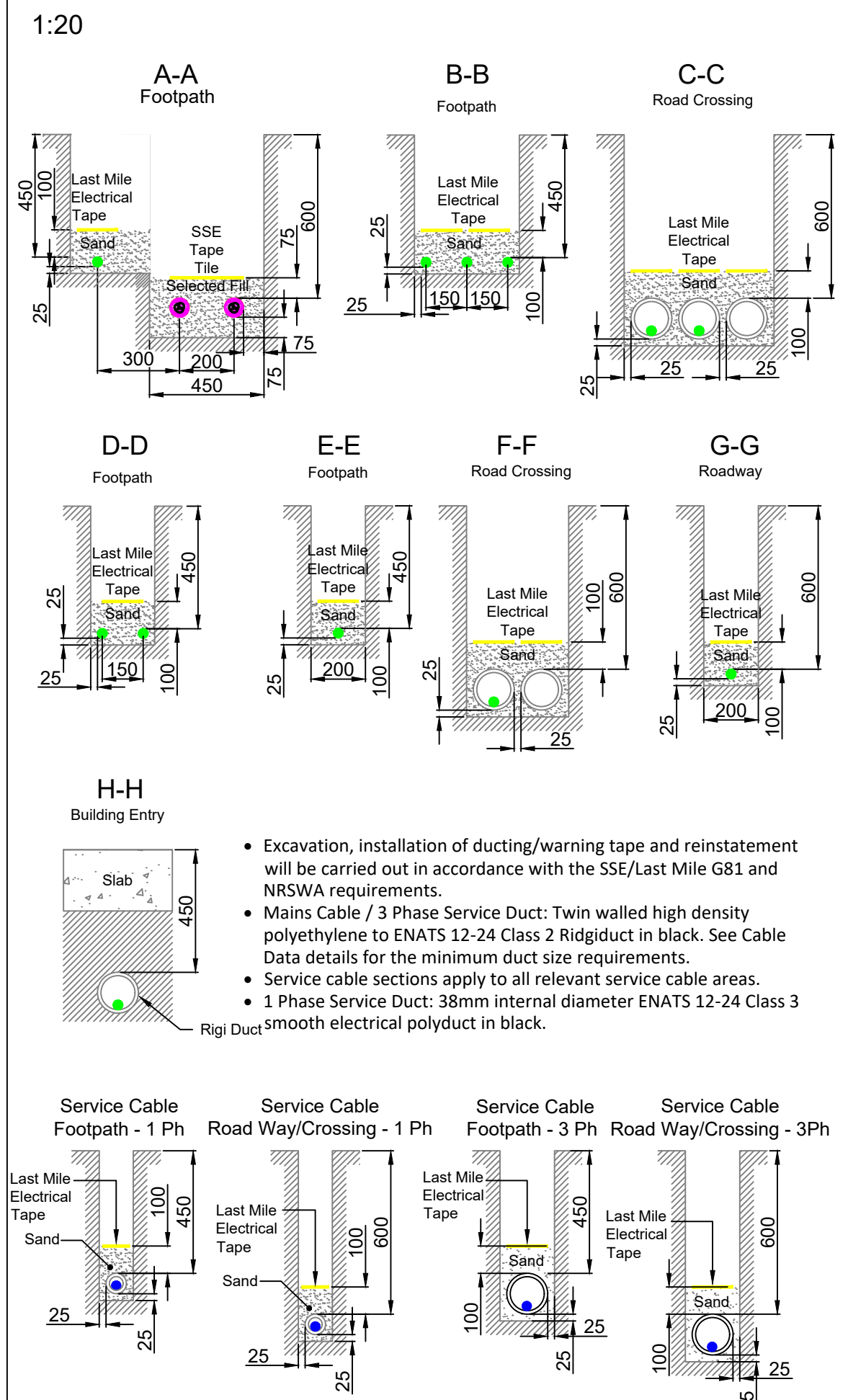
Legend	
	Site Boundary
	DNO Point of Connection
	New LV Cable
	Service Cable
	Existing DNO Cable
	DNO Equipment
	LV Straight Joint (STJ)
	LV Breech Joint (MBJ)
	LV Service Joint (SJ)
	Pot End (PE)
	Heavy Duty Cut Out (HDCO)
	Feeder Pillar
	Metering Point TBC
	Metering Point
	ASHP Metering Point
	Streetlight
	Lighting Bollard
	Permeable Paving
	Impermeable Service Strip
	Earthing
	Earth Rod



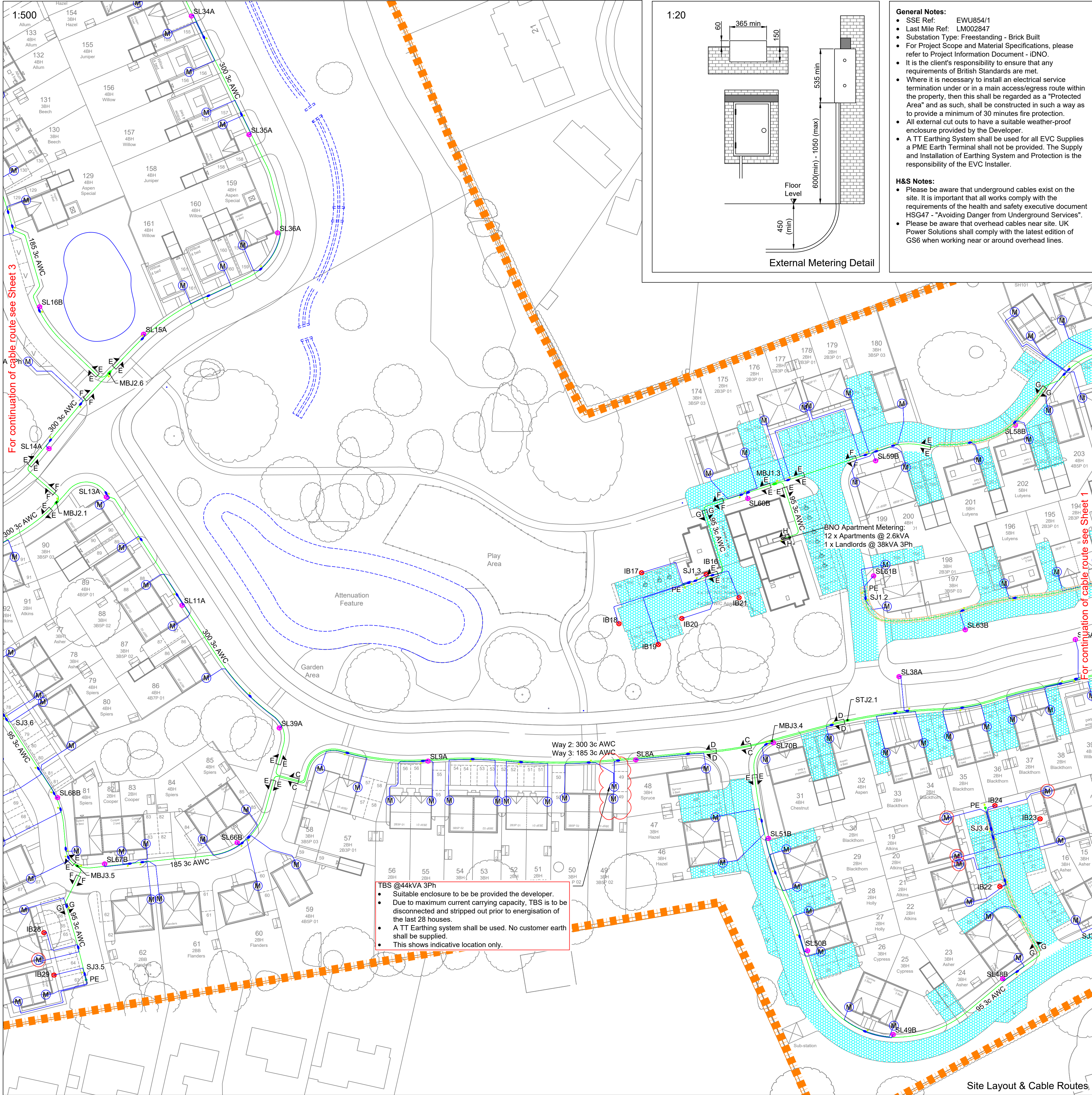


Site Address: Reading Golf Club, Kidmore End Road
Elmer Green, Reading
RG4 8SE

Cable Installation Data			
Cable Type	Max Pulling Tension	Minimum Bending Radius	Minimum Duct Size (ID)
300mm ² Al Waveform 3c	7000N	850mm	125mm
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35mm ² Al Plain Concentric 1Ph	Manual	125mm	38mm

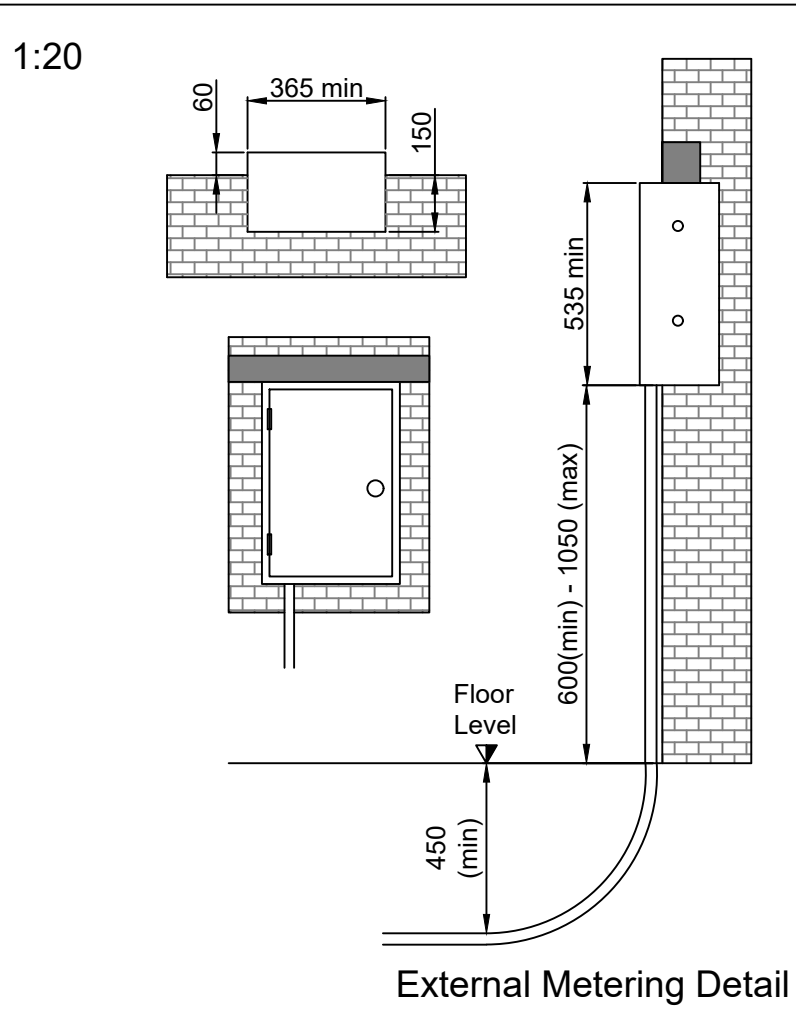


Trench Cross Sections



TBS @44kVA 3Ph

- Suitable enclosure to be provided the developer.
- Due to maximum current carrying capacity, TBS is to be disconnected and stripped out prior to energisation of the last 28 houses.
- A TT Earthing system shall be used. No customer earth shall be supplied.
- This shows indicative location only.



General Notes:

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Legend	
	Site Boundary
	DNO Point of Connection
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	Service Cable
	Existing DNO Cable
	DNO Equipment
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	LV Breech Joint (MBJ)
	LV Service Joint (SJ)
	Pot End (PE)
	Heavy Duty Cut Out (HDCO)
	Feeder Pillar
	Metering Point TBC
	Metering Point
	ASHP Metering Point
	Streetlight
	Lighting Bollard
	Permeable Paving
	Impermeable Service Strip
	Earthing
	Earth Rod

9	Design Approved	02/10/24	CA
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3	3 x feeder pillars added SL33A SL28A & SL27A removed	30/03/23	RK
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1	Site Layout Updated	03/03/23	JW
REV	AMENDMENT	DATE	BY

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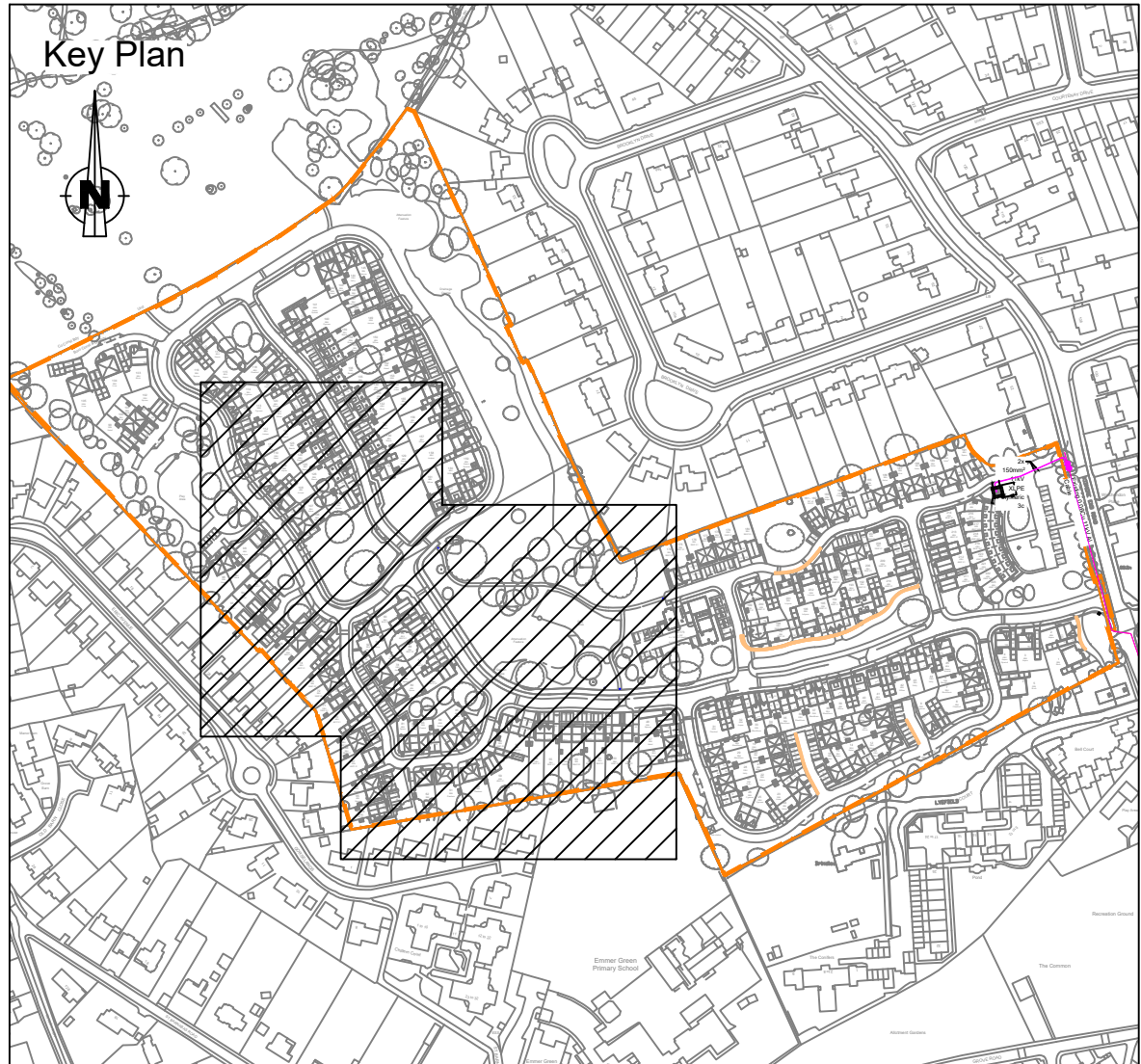
River View House, Bonds Mill Estate, Bristol Road,
Stonehouse, Gloucestershire, GL10 3RF

Ealing Cross, 2nd Floor, 85 Uxbridge
Road, Ealing, London, W5 5TH

Suite 36, Genesis Centre,
Birchwood, Warrington, WA3 7BH

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Client	Vistry Thames Valley		
Project	Reading Golf Club		
Title	Site Layout and Cable Routes - IDNO		
Design & Planning Engineer	Oluwarotimi Keshiro	Contact No.	08452 577 105
Project Manager	TBC	Contact No.	TBC
Drawn By	JW	Checked By	PS
Scale	As Shown	Sheet No.	2 / 4
Drawing No.	UKP11607 - DWG300		Rev
Client Ref.	---		9
Drawing Status	Approved for Construction		

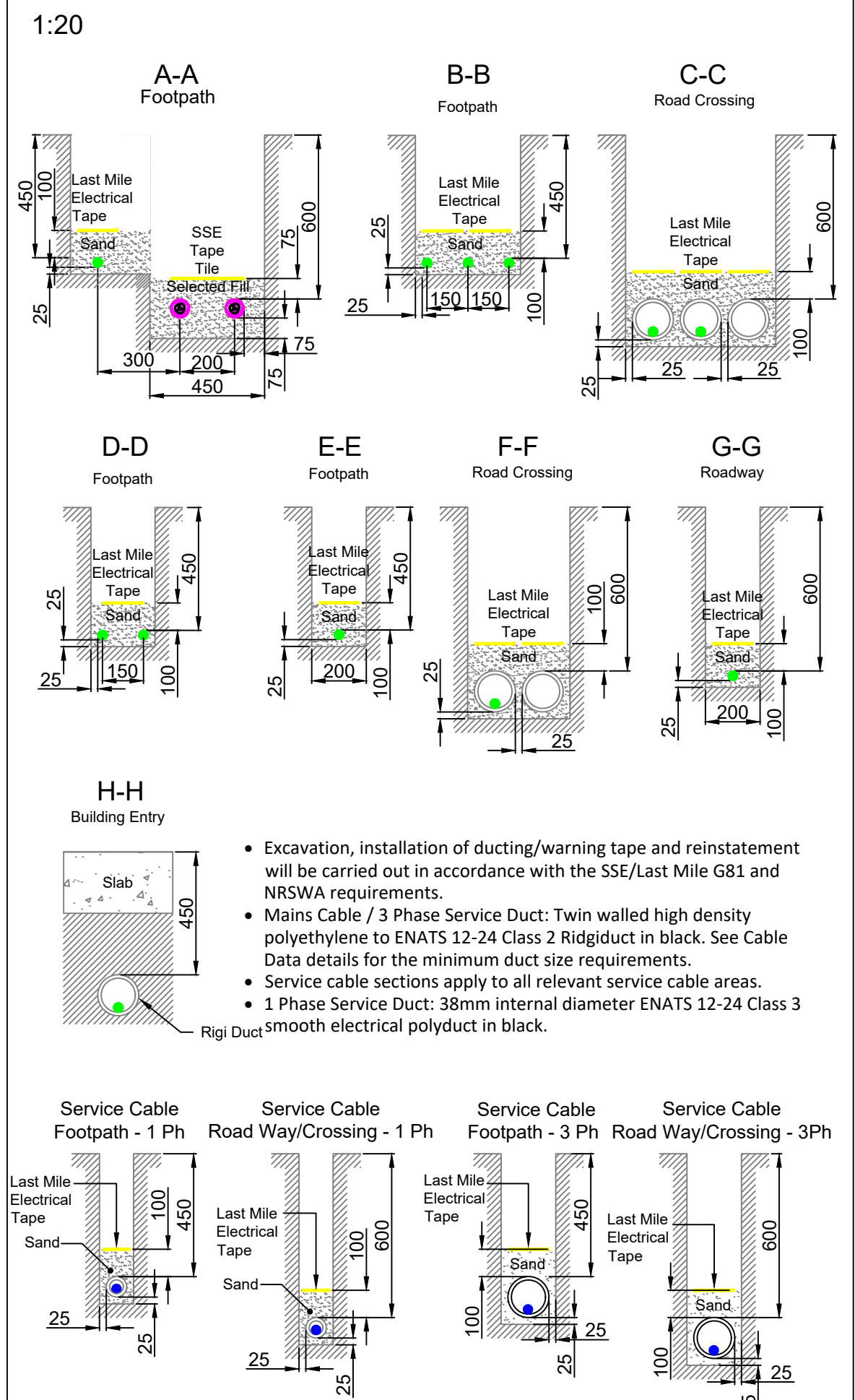


Hatched zone represents area covered by this drawing

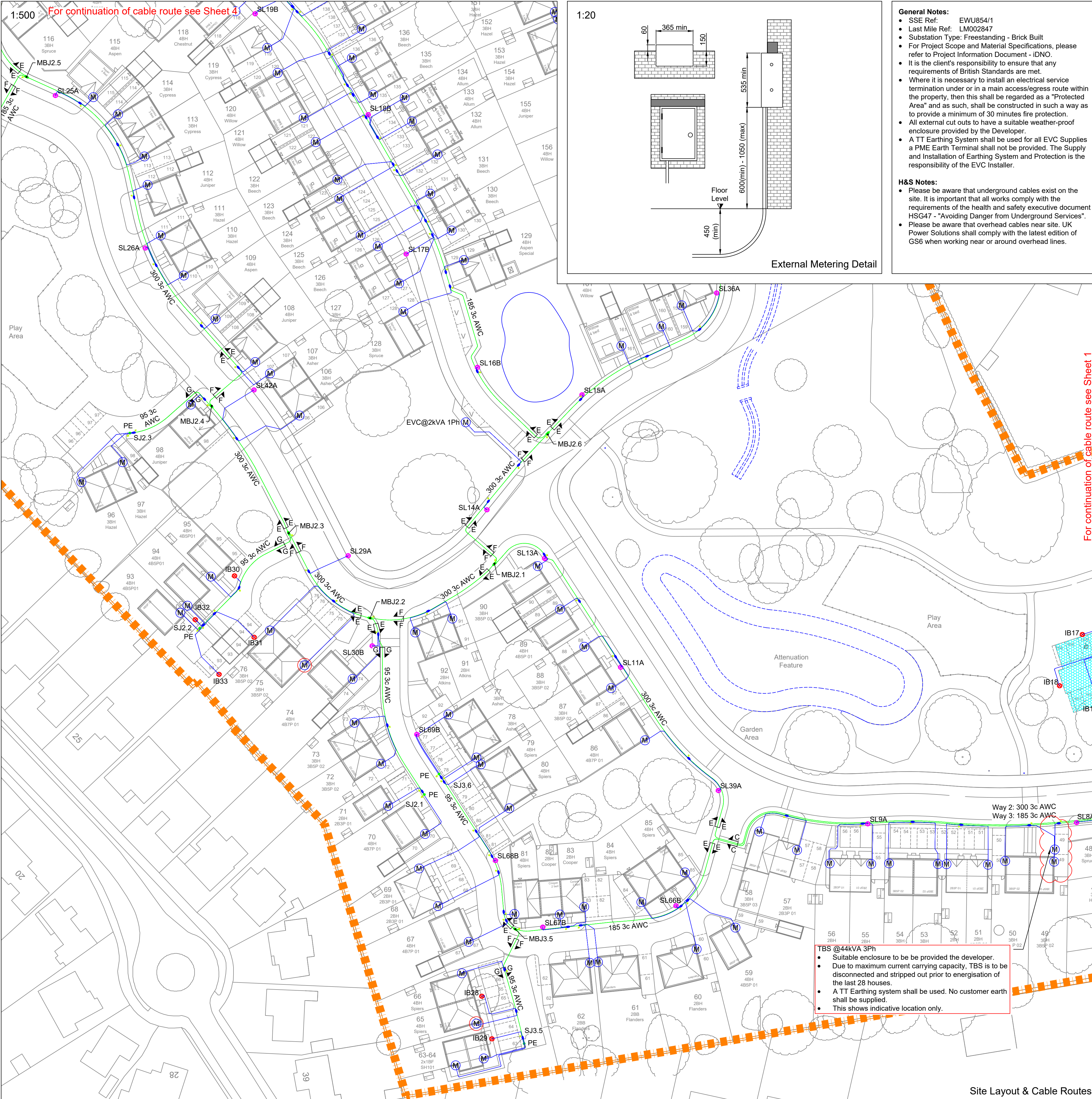
Site Address: Reading Golf Club, Kidmore End Road
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Cable Installation Data

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35mm ² Al Plain Concentric 1Ph	Manual	125mm	38mm



Trench Cross Sections



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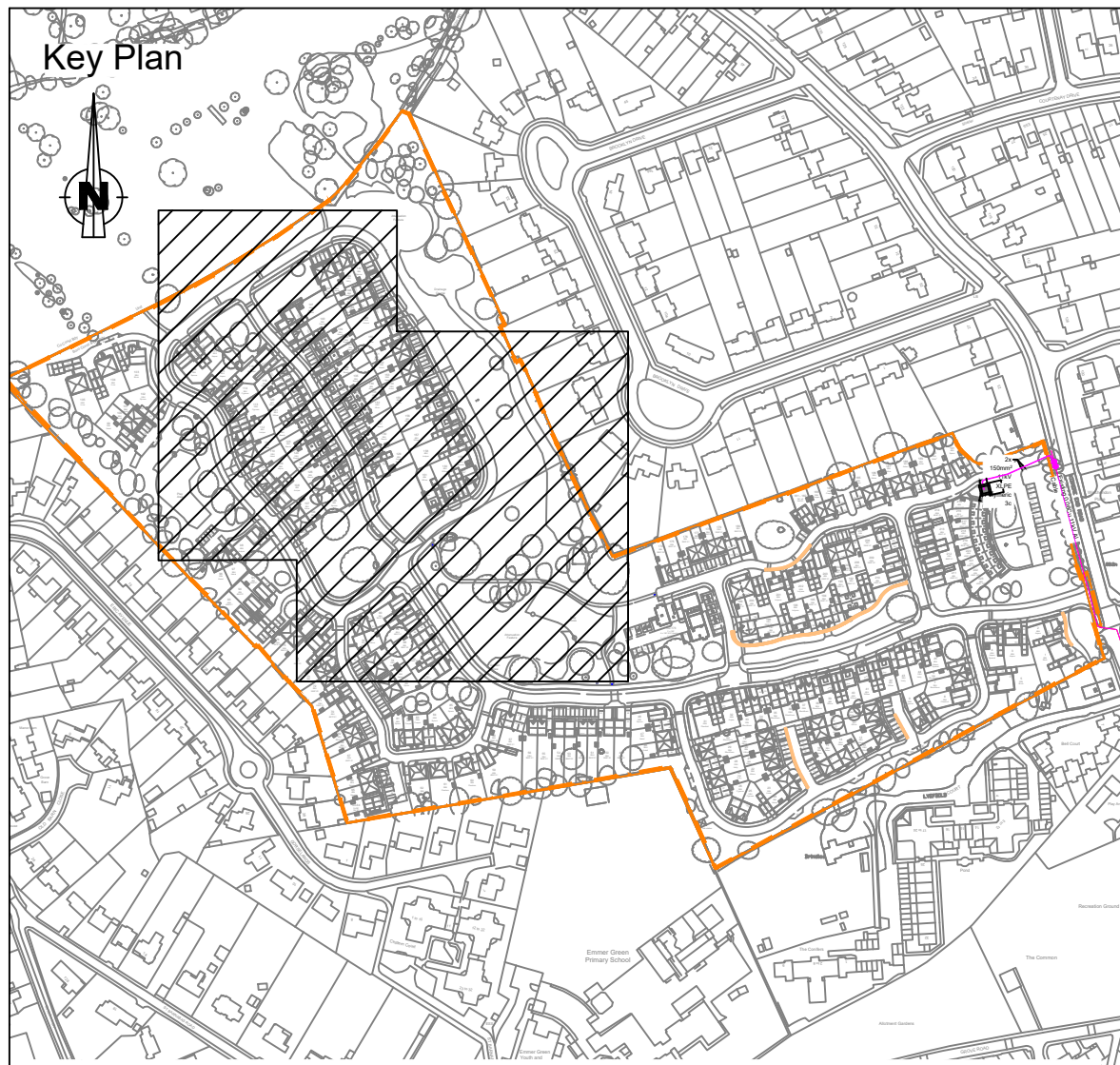
Legend	
	Site Boundary
	DNO Point of Connection
	New LV Cable
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	DNO Equipment
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	LV Service Joint (SJ)
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	Metering Point
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	Lighting Bollard
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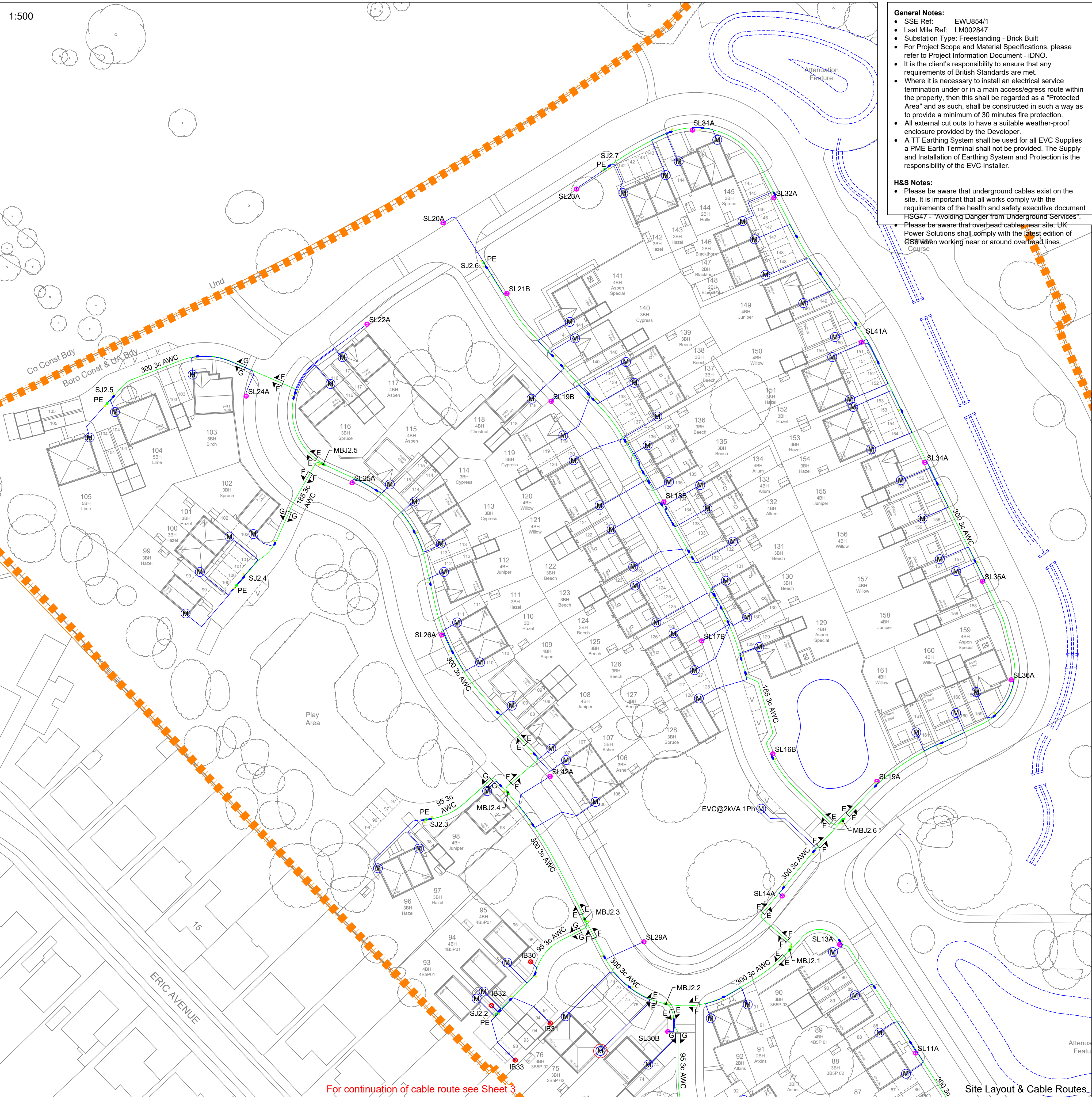
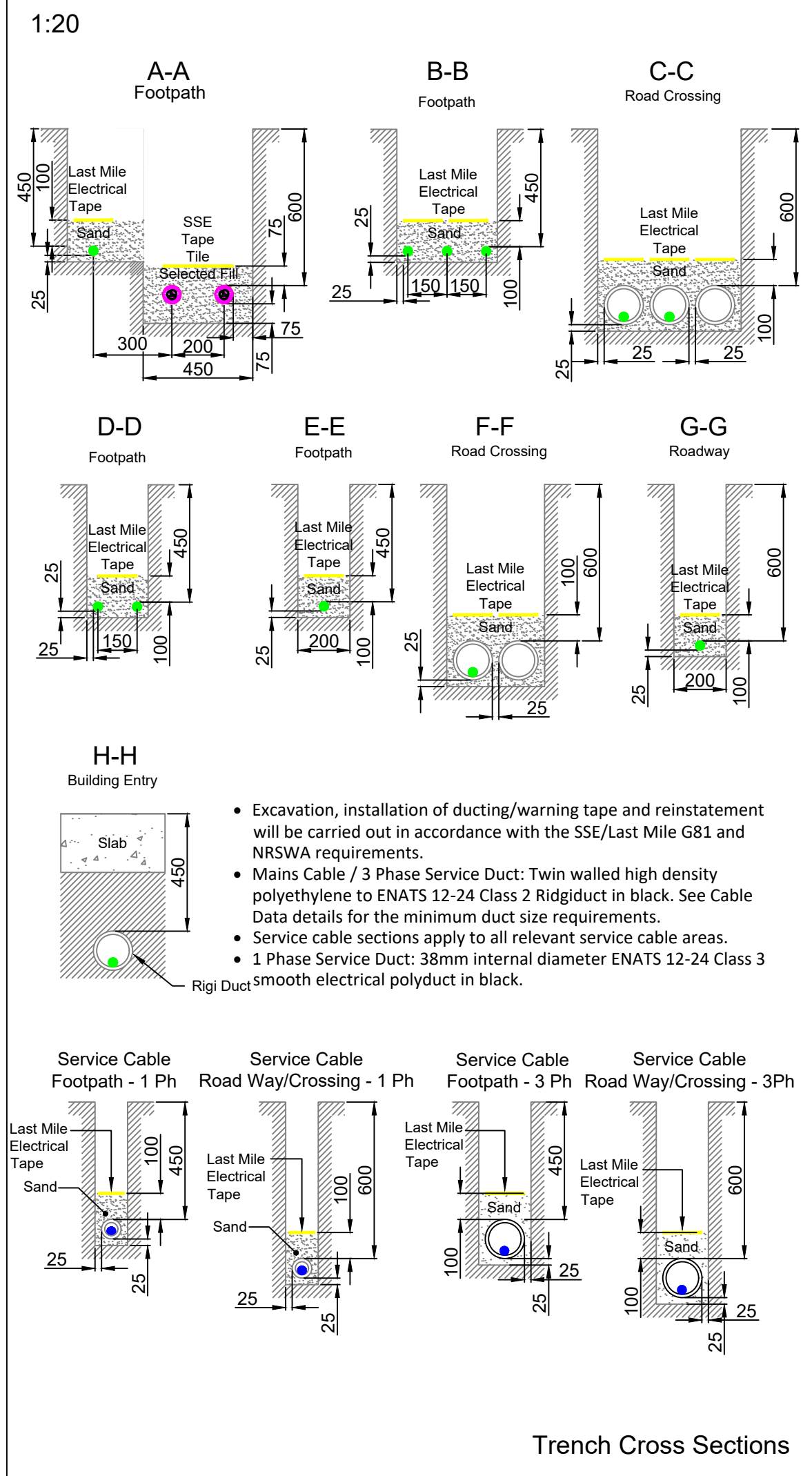
Client	Vistry Thames Valley
Project	Reading Golf Club
Title	Site Layout and Cable Routes - IDNO
Design & Planning Engineer	Oluwarotimi Keshiro
Contact No.	08452 577 105
Project Manager	TBC
Contact No.	TBC
Drawn By	JW
Checked By	PS
Date	14/11/22
Scale	As Shown
Sheet No.	3 / 4
Original Size	A1
Drawing No.	UKP11607 - DWG300
Rev	9
Client Ref.	--
Drawing Status	Approved for Construction



Hatched zone represents area covered by this drawing

Site Address: Reading Golf Club, Kidmore End Road
Elmer Green, Reading
RG4 8SE

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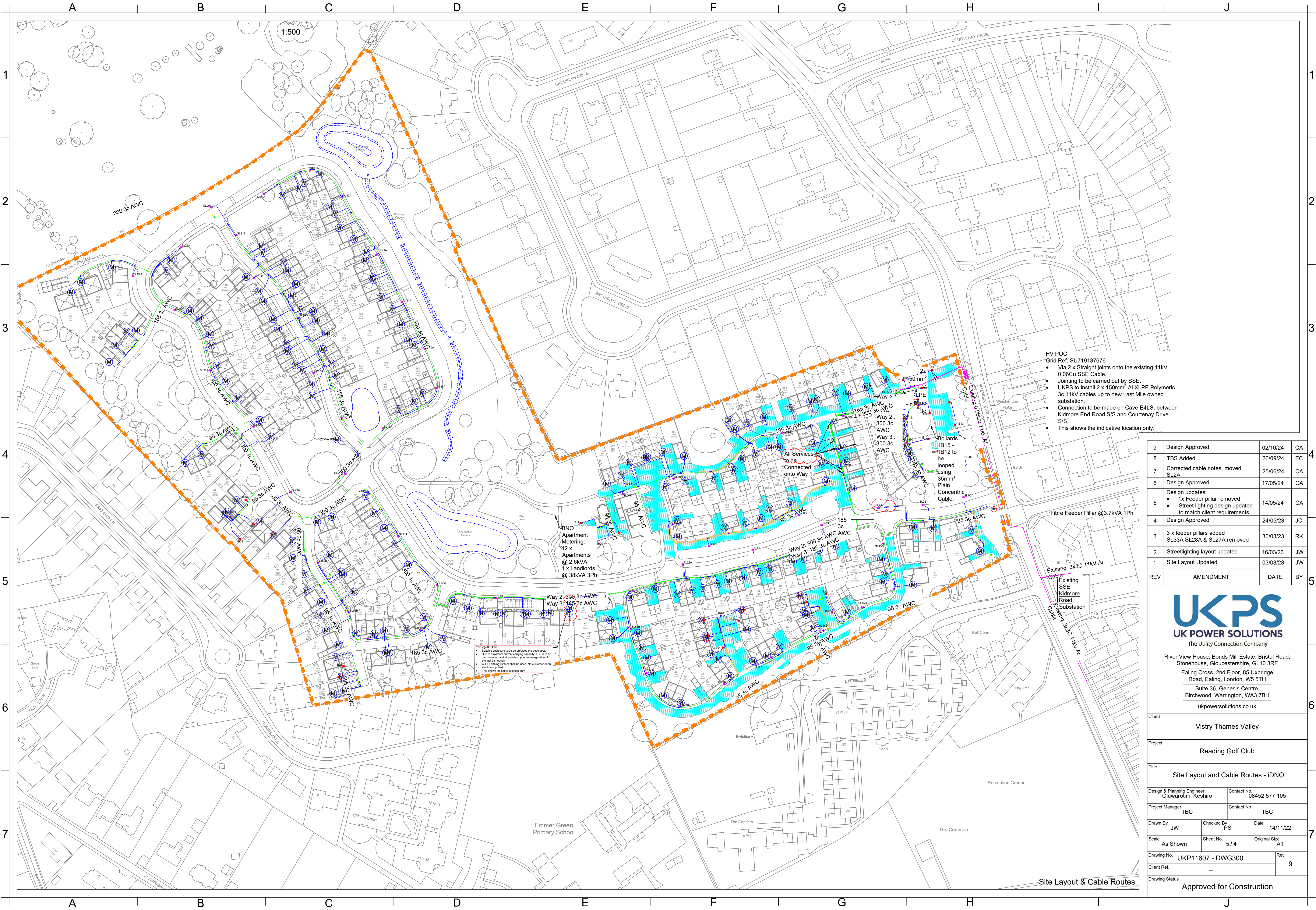
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	Site Boundary
	DNO Point of Connection
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Suite 36, Genesis Centre,
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Project	Reading Golf Club		
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Project Manager	TBC	Contact No.	TBC
Drawn By	JW	Checked By	PS
Scale	As Shown	Sheet No.	4 / 4
Drawing No.	UKP11607 - DWG300	Original Size	A1
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Title

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Scale

As Shown

Sheet No.

5 / 4

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Drawing Status

Approved for Construction