

PROPOSED SITE BOUNDARY
(AREA 420m², 0.0420 HECTARES)



-	ISSUED FOR PLANNING	CF	05.12.25
Rev.	Description	By	Date

Second Floor
Exchange Building
The Long Walk
Lundalk, Co. Louth

353(0) 42 942 9052

PROJECT:

IONITY FAST CHARGING HUB, VILLAGE
HOTEL, READING, UNITED KINGDOM

CLIENT:



DRAWING TITLE:

SITE LOCATION MAP

Date 29/08/25	Drawn CF	Checked JR	Approved JF
Scale at A1 1:100	Drawing Number P2434.23.C01		Status PL
			Rev. -

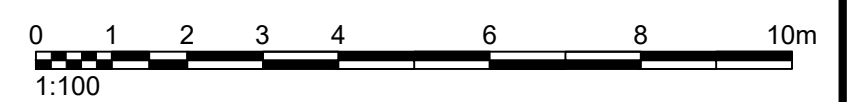
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ALL WORKS TO COMPLY WITH THE CURRENT BUILDING REGULATIONS.
DO NOT SCALE.

LEGEND

 PROPOSED SITE BOUNDARY

+ 7.65 EXISTING LEVELS

 DENOTES EXISTING LIGHT COLUMNS

Rev.	Issued For Planning	CF	05.12.25
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**McArdle
Doyle**

**Second Floor
Exchange Building
The Long Walk
Dundalk, Co. Louth**

**Chartered Engineers
Architectural Services
& Project Managers**

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+353(0) 42 942 9052

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DRAWING TITLE:

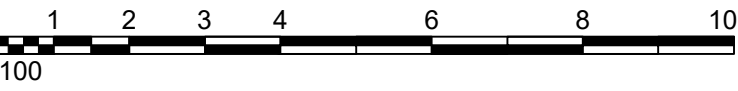
EXISTING SITE LAYOUT

Date 29/08/25	Drawn CF	Checked JR	Approved JF	
Scale at A1 1:100	Drawing Number P2434.23.C02		Status PL	Rev. -



NOTES:
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- LEGEND**
- PROPOSED SITE BOUNDARY
 - + 7.65 EXISTING LEVELS
 - DENOTES EXISTING LIGHT COLUMNS



Rev.	Description	By	Date
C	ISSUED FOR PLANNING	CF	05.12.25
B	ISSUED FOR CLIENT APPROVAL	CF	19.09.25
A	ISSUED FOR CLIENT APPROVAL	CF	18.09.25
-	ISSUED FOR CLIENT APPROVAL	CF	14.09.25

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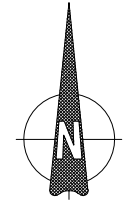
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IONITY FAST CHARGING HUB, VILLAGE
HOTEL, READING, UNITED KINGDOM

CLIENT:
IONITY

DRAWING TITLE:
PROPOSED SITE LAYOUT

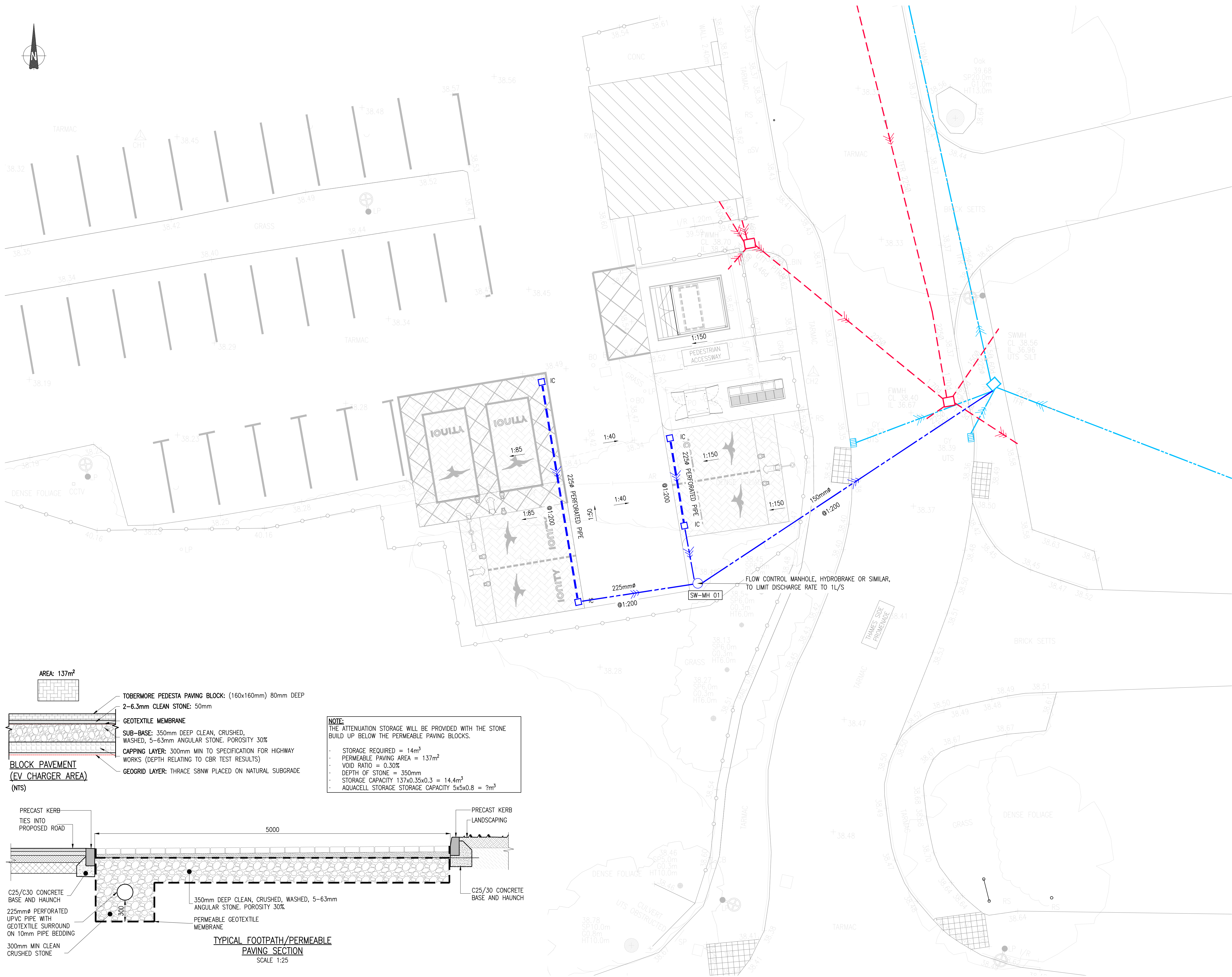
Date	Drawn CF	Checked JR	Approved JF
Scale at A1 1:100	Drawing Number P2434.23.C03.2A	Status PL	Rev. C



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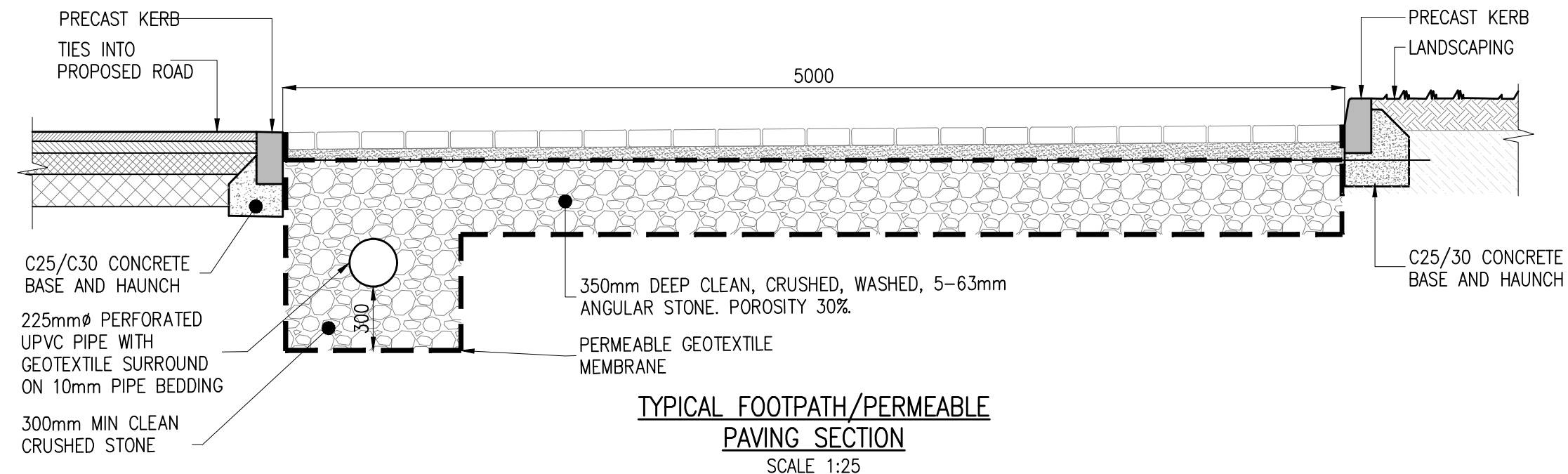
LEGEND:

- EX SMH EXISTING STORM SEWER
EX FMH EXISTING FOUL SEWER
G EXISTING GULLY
PROPOSED 225# STORM SEWER
PROPOSED 225# PERFORATED PIPE
IC 600x600mm IC (INSPECTION CHAMBER) 4No.



AREA: 137m²

- TOBERMORE PEDESTA PAVING BLOCK: (160x160mm) 80mm DEEP
2-6.3mm CLEAN STONE: 50mm
GEOTEXTILE MEMBRANE
SUB-BASE: 350mm DEEP CLEAN, CRUSHED, WASHED, 5-6.3mm ANGULAR STONE. POROSITY 30%
CAPPING LAYER: 300mm MIN TO SPECIFICATION FOR HIGHWAY WORKS (DEPTH RELATING TO CBR TEST RESULTS)
GEOGRID LAYER: THRACE S8NW PLACED ON NATURAL SUBGRADE (NTS)



- NOTE:
THE ATTENUATION STORAGE WILL BE PROVIDED WITH THE STONE BUILD UP BELOW THE PERMEABLE PAVING BLOCKS.
- STORAGE REQUIRED = 14m³
 - PERMEABLE PAVING AREA = 137m²
 - VOID RATIO = 0.30%
 - DEPTH OF STONE = 350mm
 - STORAGE CAPACITY 137x0.35x0.3 = 14.4m³
 - AQUACELL STORAGE STORAGE CAPACITY 5x5x0.8 = ?m³

0 1 2 3 4 6 8 10m
1:100

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PROPOSED DRAINAGE LAYOUT

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Scale at A1 1:100	Drawing Number P2434.23.C04	Status PL	Rev. -

