
On Behalf of Monaghan County Council

Dublin Street North, Monaghan

Vol II – Drawings

Ref. 139 - 013

Final | 10 April 2025



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1 Site Location Plan

NOTES

1. All measurements shown are in metres, and all levels are to
ordnance datum unless otherwise indicated
2. All Coordinates are to Irish Transverse Mercator (ITM), unless
otherwise noted.

LEGEND

- Site Boundary**
Centered on coordinates;
Irish Grid (ITM)
X=667386
Y=833713
OS Grid Reference = H 64721 33697
Area = 25,087m² = 2.51Ha
- Site Notice Location**
- Adjacent Lands owned by the Applicant**

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P03	10.02.25	Red line amended to cover facades	DSA
P02	05.02.25	Added Adjacent lands owned by client	IA
P01	04.02.25	First Issue for planning	DSA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers



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Belfast, BT5 6BQ

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Client

Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status

STAGE 3 - PLANNING

Project

**NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT**

Drawing

SITE LOCATION PLAN

Scale

1:1250 @ A1

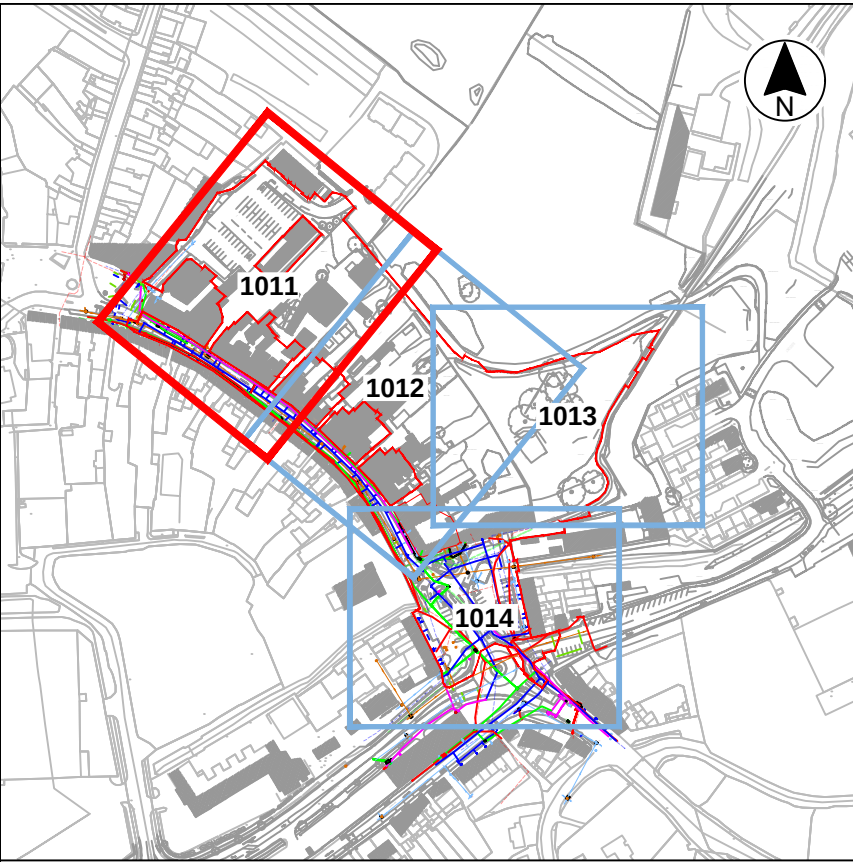
Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation - Zone - Level - Type - Role - Number	Revision
DSN	MCA - ZZ - XX - DR - CE - 1005	P03

Project Number	Status code & Description
E2442	S2 For Information

All dimensions are in metres. Figured dimensions to be taken in preference to scaled
dimensions. Dimensions to be checked on site. © 2023 McAdam Design Ltd.

2 Existing Site Layout



KEY PLAN
SCALE 1:4000

LEGEND:

SITE BOUNDARY

LINework:

EMBANKMENT TOP

BREAKLINE

BUILDING

KERB BOTTOM

WALL

PATH/CHANGE SURFACE

LEVELS:

BED LEVEL

EAVE LEVEL

FLOOR LEVEL

ROAD LEVEL

RIDGE LEVEL

SOFFIT LEVEL

SPOT LEVEL

TOP OF FENCE LEVEL

TOP OF WALL LEVEL

WATER LEVEL

STREET FURNITURE:

BOLLARDS

BORE HOLE

BUS STOP

CRASH BARRIER

ELECTRICITY POLE

EARTHING ROD

GATE

MARKER POST

POST

POST BOX

ROADSIGN

SIGN POST

TELEPHONE BOX

TELEPHONE POLE

WATER:

WATER MAIN RECORDS

WATER MAIN GPR

SLUICE VALVE

VALVE

FIRE HYDRANT

WATER METER

ELECTRIC:

ELECTRIC DUCT RECORDS

ELECTRIC DUCT GPR

ELECTRIC OVERHEAD

STREET LIGHTING DUCT

LAMP POST

TRAFFIC LIGHTS DUCT

TRAFFIC LIGHTS DUCT BOX

TRAFFIC LIGHT MINI PILLAR

TRAFFIC LIGHT POLE

ESS MINI PILLAR

ESS DRAW PIT

TELECOMS:

TELECOMS RECORDS

TELECOMS GPR

TELECOM OVERHEAD

TELECOMS MINI PILLAR

EIROM DUCT BOX

WATER MAIN GPR

UNKNOWN:

ANOMALY

DRAINAGE:

STORM SEWER

FOUL/COMBINED SEWER

STORM GULLY

DOWN PIPE

SERVICES:

AIR VALVE

CABLE TV IG

COVER LEVEL

EIROM COVER

EIROM JUNCTION BOX

ELECTRICAL CABLE PIT

ESAT COVER

ESB COVER

ESB JUNCTION BOX

FIRE HYDRANT

GAS VALVE

INSPECTION COVER

MANHOLE

SLUICE VALVE

STOPCOCK

SERVICE BOX UNKNOWN

TRAFFIC COVER

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**NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT**

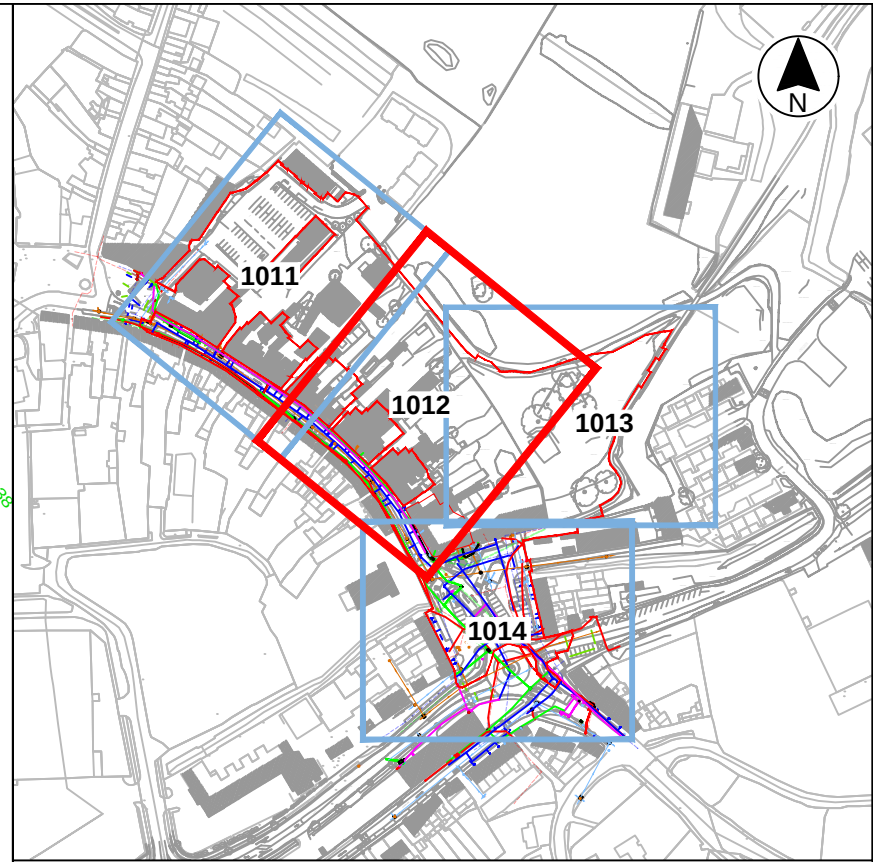
Drawing
**EXISTING SITE LAYOUT
SHEET 1**

Scale
1:200 @ A1
Drawn
Date
04.02.25
Checked
Date
04.02.25
Approved
Date
04.02.25

Project
DSN
- Organisation - Zone - Level - Type - Role - Number - Revision
- MCA - ZZ - XX - DR - CE - 1011 - P01

Project Number
E2442
Status code & Description
S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND:	
SITE BOUNDARY	
LINEWORK:	
EMBAKEMENT TOP	101.50
BREAKLINE	101.50
BUILDING	101.50
KERB BOTTOM	101.50
WALL	101.50
PATH/CHANGE SURFACE	101.50
LEVELS:	
BED LEVEL	+BED101.50
EAVE LEVEL	+EVL101.50
FLOOR LEVEL	+FL101.50
INVERT LEVEL	+I101.50
ROAD LEVEL	+R101.50
RIDGE LEVEL	+SL101.50
SOFFIT LEVEL	+S101.50
SPOT LEVEL	+101.50
TOP OF FENCE LEVEL	+TFF101.50
TOP OF WALL LEVEL	+TOW101.50
WATER LEVEL	+WL101.50
STREET FURNITURE:	
BOLLARDS	BD*
BORE HOLE	BH*
BUS STOP	BS*
CRASH BARRIER	CB*
ELECTRICITY POLE	EP*
EARTHING ROD	ER*
MARKER POST	MKR*
POST	POST*
POST BOX	POST BOX*
ROADSIGN	RS* RS*
SIGN POST	SIGN*
TELEPHONE BOX	TB*
TELEPHONE POLE	TP*
SERVICES:	
AIR VALVE	AV*
CABLE TV IC	CL*
COVER LEVEL	CL*
EIRCOM COVER	EIRCOM*
EIRCOM JUNCTION BOX	EIRCOM*
ELECTRICAL CABLE PIT	ECP*
ESAT COVER	ESAT*
ESB COVER	ESB*
ESB JUNCTION BOX	ESB*
FIRE HYDRANT	FI*
GAS VALVE	GV*
INSPECTION COVER	IC*
MANHOLE	MH*
SLUICE VALVE	SV*
STOPCOCK	ST*
SERVICE BOX (UNKNOWN)	BOX*
TRAFFIC COVER	TLC*
WATER:	
WATER MAIN (RECORDS)	WATER MAIN (RECORDS)
WATER MAIN (GPR)	WATER MAIN (GPR)
SLUICE VALVE	SLUICE VALVE
VALVE	VALVE
FIRE HYDRANT	FIRE HYDRANT
WATER METER	WATER METER
ELECTRIC:	
ELECTRIC DUCT (RECORDS)	ELECTRIC DUCT (RECORDS)
ELECTRIC DUCT (GPR)	ELECTRIC DUCT (GPR)
ELECTRIC OVERHEAD	ELECTRIC OVERHEAD
STREET LIGHTING DUCT	STREET LIGHTING DUCT
LAMP POST	LAMP POST
TRAFFIC LIGHTS DUCT	TRAFFIC LIGHTS DUCT
TRAFFIC LIGHTS DUCT BOX	TRAFFIC LIGHTS DUCT BOX
TRAFFIC LIGHT MINI PILLAR	TRAFFIC LIGHT MINI PILLAR
TRAFFIC LIGHT POLE	TRAFFIC LIGHT POLE
ESB MINI PILLAR	ESB MINI PILLAR
ESB DRAW PIT	ESB DRAW PIT
TELECOMS:	
TELECOMS (RECORDS)	TELECOMS (RECORDS)
TELECOMS (GPR)	TELECOMS (GPR)
TELECOM OVERHEAD	TELECOM OVERHEAD
TELECOMS MINI PILLAR	TELECOMS MINI PILLAR
EIRCOM DUCT BOX	EIRCOM DUCT BOX
WATER MAIN (GPR)	WATER MAIN (GPR)
UNKNOWN:	
ANOMALY	ANOMALY
DRAINAGE:	
STORM SEWER	STORM SEWER
FULL COMBINED SEWER	FULL COMBINED SEWER
STORM GULLY	STORM GULLY
DOWN PIPE	DOWN PIPE

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STAGE 3 - PLANNING

Project

NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT

Drawing

EXISTING SITE LAYOUT
SHEET 2

Scale

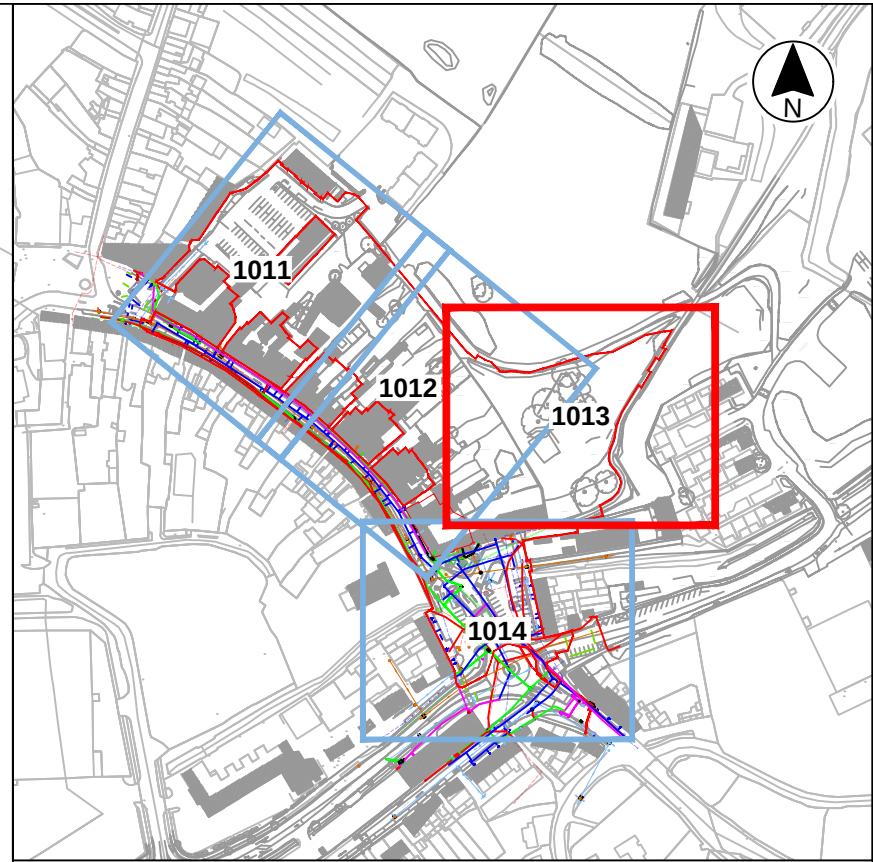
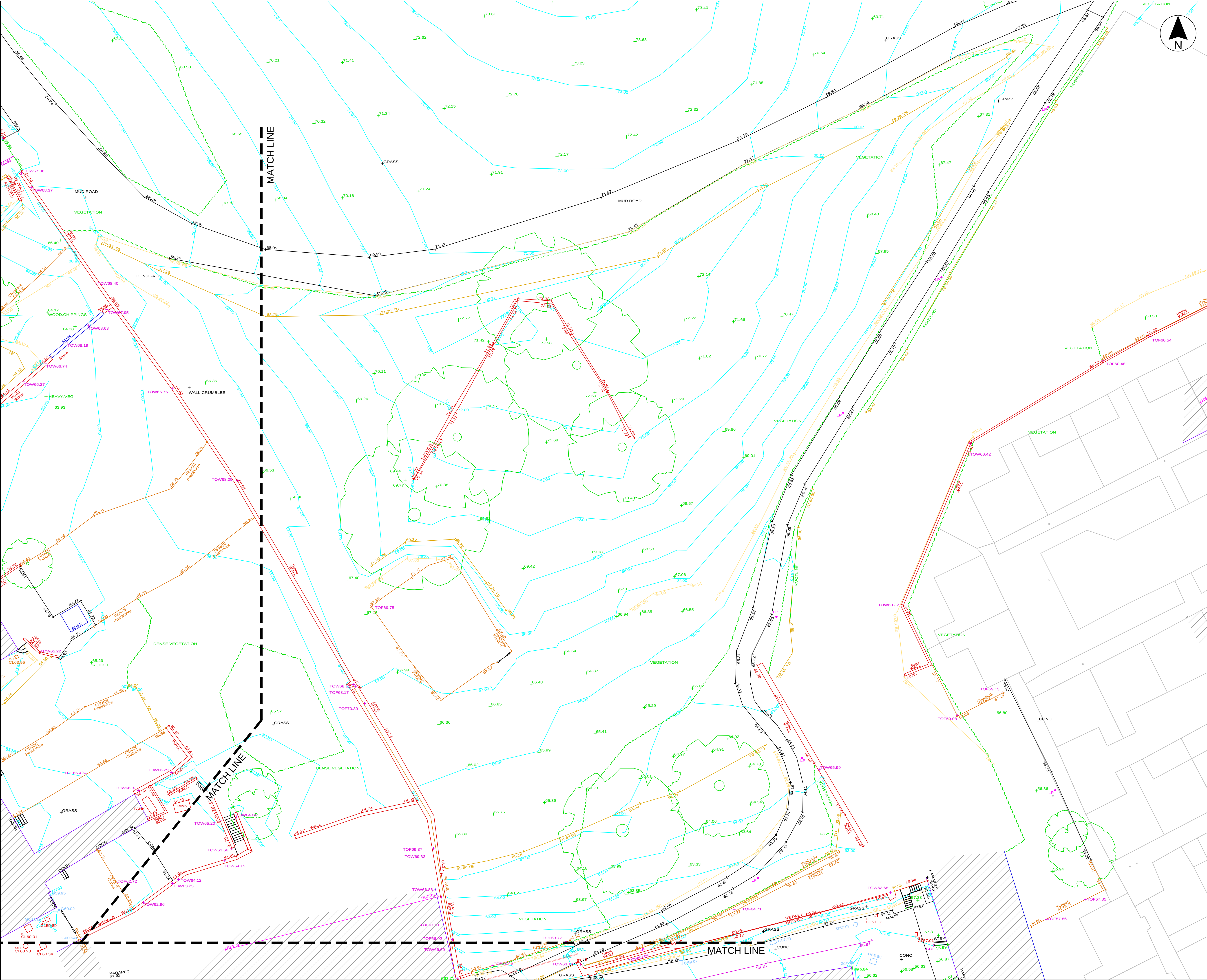
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	ZZ	XX	DR	CE	1012	P01

Project Number	Status code & Description
E2442	S2 For Information

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2023 McAdam Design Ltd.



KEY PLAN

SCALE 1:4000

LEGEND:

SITE BOUNDARY

LINEWORK:

EMBAKEMENT TOP	+101.50	WATER:	WATER MAIN (RECORDS)
BREAKLINE	+101.50	WATER MAIN (GPR)	WATER MAIN (GPR)
BUILDING	+101.50	SLUICE VALVE	SLUICE VALVE
KERB BOTTOM	+101.50	VALVE	VALVE
WALL	+101.50	FIRE HYDRANT	FIRE HYDRANT
PATH/CHANGE SURFACE	+101.50	WATER METER	WATER METER

LEVELS:

BED LEVEL	+BED101.50	ELECTRIC DUCT (RECORDS)	ELECTRIC DUCT (RECORDS)
EAVE LEVEL	+E101.50	ELECTRIC DUCT (GPR)	ELECTRIC DUCT (GPR)
FLOOR LEVEL	+FL101.50	ELECTRIC OVERHEAD	ELECTRIC OVERHEAD
INVERT LEVEL	+IL101.50	STREET LIGHTING DUCT	STREET LIGHTING DUCT
ROAD LEVEL	+R101.50	LAMP POST	LAMP POST
RIDGE LEVEL	+SL101.50	TRAFFIC LIGHTS DUCT	TRAFFIC LIGHTS DUCT
SOFFIT LEVEL	+101.50	TRAFFIC LIGHTS DUCT BOX	TRAFFIC LIGHTS DUCT BOX
SPOT LEVEL	+101.50	TRAFFIC LIGHT MINI PILLAR	TRAFFIC LIGHT MINI PILLAR
TOP OF FENCE LEVEL	+TOP101.50	TRAFFIC LIGHT POLE	TRAFFIC LIGHT POLE
TOP OF WALL LEVEL	+TOW101.50	ESB MINI PILLAR	ESB MINI PILLAR
WATER LEVEL	+WL101.50	ESB DRAW PIT	ESB DRAW PIT

STREET FURNITURE:

BOLLARDS	BD+	TELECOMS (RECORDS)	TELECOMS (RECORDS)
BORE HOLE	BH+	TELECOMS (GPR)	TELECOMS (GPR)
BUS STOP	BS+	TELECOM OVERHEAD	TELECOM OVERHEAD
CRASH BARRIER	CB+	TELECOMS MINI PILLAR	TELECOMS MINI PILLAR
ELECTRICITY POLE	EP+	EIRCOM DUCT BOX	EIRCOM DUCT BOX
EARTHING ROD	ER+	WATER MAIN (GPR)	WATER MAIN (GPR)
GATE	GA+	UNKNOWN:	UNKNOWN:
MARKER POST	MKR+	ANOMALY	ANOMALY
POST	POST+	DRAINAGE:	DRAINAGE:
POST BOX	POST BOX+	STORM SEWER	STORM SEWER
ROADSIGN	RS+	FOULCOMBINED SEWER	FOULCOMBINED SEWER
SIGN POST	SIGN+	STORM GULLY	STORM GULLY
TELEPHONE BOX	TB+	DRAIN PIPE	DRAIN PIPE
TELEPHONE POLE	TP+		

SERVICES:

AIR VALVE	AV+	CATV	CATV
CABLE TV IC	CL	EIRCOM	EIRCOM
COVER LEVEL	CL	EIRCOM JUNCTION BOX	EIRCOM JUNCTION BOX
EIRCOM COVER	CL	EIRCOM BOX	EIRCOM BOX
EIRCOM JUNCTION BOX	ECP	ESAT COVER	ESAT COVER
ELECTRICAL CABLE PIT	ESAT	ESB COVER	ESB COVER
ESAT COVER	ESB	ESB JUNCTION BOX	ESB JUNCTION BOX
ESB COVER	ESB	FIRE HYDRANT	FIRE HYDRANT
ESB JUNCTION BOX	ESB	GAS VALVE	GAS VALVE
FIRE HYDRANT	FI+	INSPECTION COVER	INSPECTION COVER
GAS VALVE	FI+	MANHOLE	MANHOLE
INSPECTION COVER	IC	SLUICE VALVE	SLUICE VALVE
MANHOLE	IC	STOPCOCK	STOPCOCK
SLUICE VALVE	SV	SERVICE BOX (UNKNOWN) BOX	SERVICE BOX (UNKNOWN) BOX
STOPCOCK	ST	TRAFFIC COVER	TRAFFIC COVER
SERVICE BOX (UNKNOWN) BOX	TLIC		
TRAFFIC COVER	TLIC		

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Rev	Date	Description	App
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Project Status

STAGE 3 - PLANNING

Project

**NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT**

Drawing

**EXISTING SITE LAYOUT
SHEET 3**

Scale

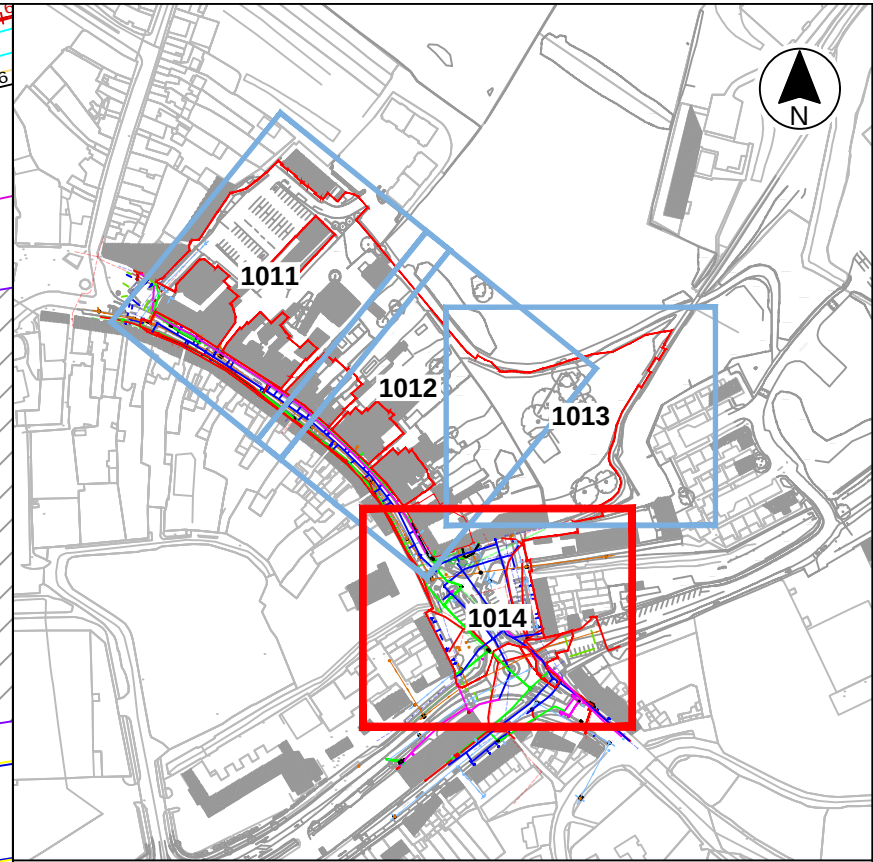
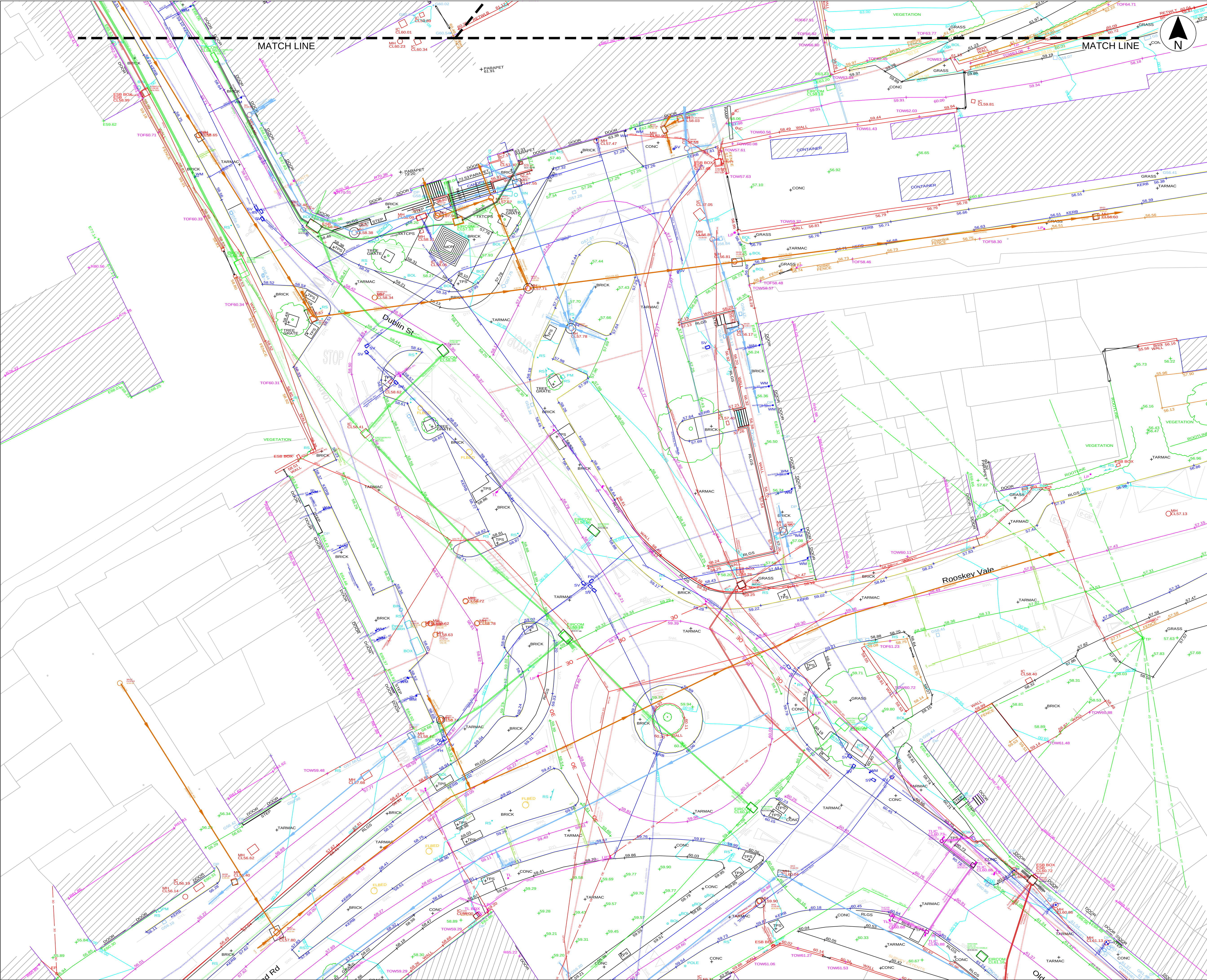
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	-ZZ-	XX	-DR	-CE	-1013	-P01

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND:	
SITE BOUNDARY	
LINEWORK:	
EMBANKMENT TOP	+101.50
BREAKLINE	+101.50
BUILDING	+101.50
KERB BOTTOM	+101.50
WALL	+101.50
PATH/CHANGE SURFACE	+101.50
LEVELS:	
BED LEVEL	+BED101.50
EAVE LEVEL	+E101.50
FLOOR LEVEL	+F101.50
INVERT LEVEL	+I101.50
ROAD LEVEL	+101.50
RIDGE LEVEL	+R101.50
SOFFIT LEVEL	+S101.50
SPOT LEVEL	+101.50
TOP OF FENCE LEVEL	+TOF101.50
TOP OF WALL LEVEL	+TOW101.50
WATER LEVEL	+WL101.50
STREET FURNITURE:	
BOLLARDS	BD+
BORE HOLE	BH+
BUS STOP	BS+
CRASH BARRIER	CB
ELECTRICITY POLE	EP+
EARTHING ROD	ER+
GATE	GA
MARKER POST	MKR+
POST	POST
POST BOX	POST BOX+
ROADSIGN	RS
SIGN POST	SIGN
TELEPHONE BOX	TB
TELEPHONE POLE	TP
SERVICES:	
AIR VALVE	AV+
CABLE TV IC	CATV
COVER LEVEL	CL
EIRCOM COVER	EIRCOM
EIRCOM JUNCTION BOX	EIRCOM JUNCTION BOX
ELECTRICAL CABLE PIT	ECP
ESAT COVER	ESAT
ESB COVER	ESB
ESB JUNCTION BOX	ESB JUNCTION BOX
FIRE HYDRANT	FH+
GAS VALVE	GV
INSPECTION COVER	IC
MANHOLE	MH
SLUICE VALVE	SV
STOPCOCK	ST
SERVICE BOX (UNKNOWN)	BOX
TRAFFIC COVER	TLC
WATER:	
WATER MAIN (RECORDS)	WATER MAIN (RECORDS)
WATER MAIN (GPR)	WATER MAIN (GPR)
SLUICE VALVE	SLUICE VALVE
VALVE	VALVE
FIRE HYDRANT	FIRE HYDRANT
WATER METER	WATER METER
ELECTRIC:	
ELECTRIC DUCT (RECORDS)	ELECTRIC DUCT (RECORDS)
ELECTRIC DUCT (GPR)	ELECTRIC DUCT (GPR)
ELECTRIC OVERHEAD	ELECTRIC OVERHEAD
STREET LIGHTING DUCT	STREET LIGHTING DUCT
LAMP POST	LAMP POST
TRAFFIC LIGHTS DUCT	TRAFFIC LIGHTS DUCT
TRAFFIC LIGHTS DUCT BOX	TRAFFIC LIGHTS DUCT BOX
TRAFFIC LIGHT MINI PILLAR	TRAFFIC LIGHT MINI PILLAR
TRAFFIC LIGHT POLE	TRAFFIC LIGHT POLE
ESB MINI PILLAR	ESB MINI PILLAR
ESB DRAW PIT	ESB DRAW PIT
TELECOMS:	
TELECOMS (RECORDS)	TELECOMS (RECORDS)
TELECOMS (GPR)	TELECOMS (GPR)
TELECOM OVERHEAD	TELECOM OVERHEAD
TELECOMS MINI PILLAR	TELECOMS MINI PILLAR
EIRCOM DUCT BOX	EIRCOM DUCT BOX
WATER MAIN (GPR)	WATER MAIN (GPR)
UNKNOWN:	
ANOMALY	ANOMALY
DRAINAGE:	
STORM SEWER	STORM SEWER
FULL COMBINED SEWER	FULL COMBINED SEWER
STORM GULLY	STORM GULLY
DOWN PIPE	DOWN PIPE

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Monaghan County Council

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STAGE 3 - PLANNING

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NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT

Drawing

EXISTING SITE LAYOUT
SHEET 4

Scale

1:200 @ A1

Drawn	DSA	Checked	KOS	Approved	KOS
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Project Number	Status code & Description
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3 Proposed Site Layout



NOTES

1. This drawing is to be read in conjunction with all other drawings and specifications.
2. Do not scale off this drawing. Written dimensions to be taken only.
3. Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
4. This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.

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CDM INFORMATION

1. -

KEY PLAN

01	Issued for Planning	nt	12.02.24
Issue	Revision	Initial	Date

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Registered address: 2nd Floor | Quartermile Two | 2 Lister Square | Edinburgh | EH3 9GL

Client

Monaghan County Council

Project

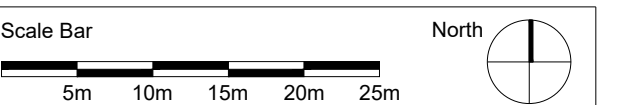
Dublin Street North

Monaghan

Drawing Title

SITE LAYOUT

Site Overview



Scale: 1:500@A1 Date: MARCH 2024

By: **NT** Status: **PLANNING**

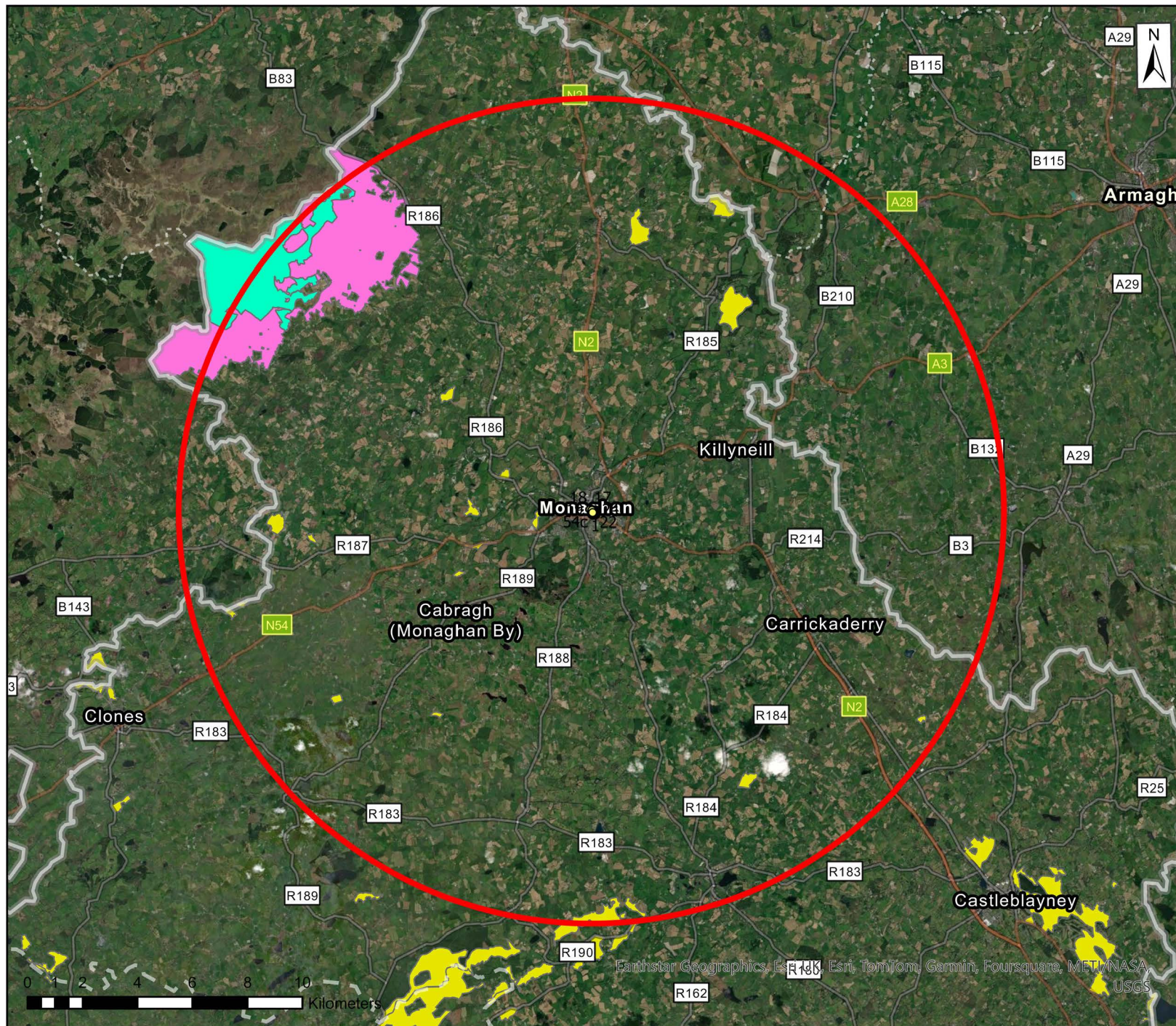
Checked: **BP** Approved: **BP**

Drawing Number
DBL-OPE-00-XX-DR-L-901300

Computer File: P: 2022 221769_Dublin St Nth CAD AUTOCAD SHEETS

4 Protected Sites Map

Natura 2000 search results



5 Access, Movement and Circulation



One Way

One way system
through car park

Two way

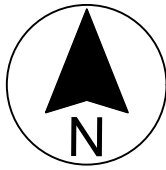
One Way Only

Two way

Two way

Two way

6 Proposed Lighting Layout



NOTES:
1. THIS DRAWING IS THE PROPERTY OF DELAP & WALLER AND MAY ONLY BE USED WITH THEIR WRITTEN APPROVAL
2. DO NOT SCALE FROM THIS DRAWING.

LEGEND

- PUBLIC LIGHTING MID
PILLAR/LIGHTING SECTION PILLAR
- 81W 4000K LED LANTERN MOUNTED ON
8METRE COLUMN
CODE: Sephora Pendant-16LED-A1-450mA
UMSG 42 0081 0000 100
OR EQUAL AND EQUIVALENT
EX1
- 71W 4000K LED LANTERN MOUNTED ON
8METRE COLUMN
CODE: Sephora Pendant-16LED-A1-400mA
UMSG 42 0071 0000 100
OR EQUAL AND EQUIVALENT
EX2
- 12W 2700K DARKSKY APPROVED LED
POST TOP LUMINAIRE MOUNTED ON
4METRE COLUMN
CODE: DAYTONA C1 WITH GLARE HOOD
OR EQUAL AND EQUIVALENT
EX3
- 90W 4000K LED LANTERN MOUNTED ON
8METRE COLUMN
CODE: Sephora Pendant-16LED-C3-500mA
UMSG 42 0090 0000 100
OR EQUAL AND EQUIVALENT
EX4
- 28W 4000K LED LANTERN MOUNTED ON
6METRE COLUMN
CODE: Sephora Pendant-16LED-A1-450mA
UMSG 42 0028 0000 100
OR EQUAL AND EQUIVALENT
EX6

PO5	ADB	PLANNING ISSUE	31.03.2025
PO4	ADB	ISSUED FOR PLANNING	27.01.2024
PO3	ADB	ISSUED FOR PLANNING	05.12.2024
PO2	ADB	PRELIMINARY DRAWING	15.11.2024
PO1	ADB	PRELIMINARY DRAWING	12.08.2024

REV	BY	DESCRIPTION	DATE
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PROJECT:
DUBLIN STREET NORTH
REGENERATION



Delap & Waller

www.delapandwaller.com

- Antrim: T 44 0 28 9448 3800
- Dublin: T 353 0 1 535 5900
- London: T 44 0 20 8059 7373

CLIENT:
MONAGHAN COUNTY COUNCIL

SCALE AT A1: 1:500	CHK: ADB DES: ADB	APP: RS DRW: ADB
-----------------------	----------------------	---------------------

WORK PACKAGE:
M&E DESIGN

DRAWING TITLE:
ELECTRICAL SITE LIGHTING

DRAWING NUMBER:
Project Originator Zone Level Type Role - Number
22268 DLW - XX - XX - XX - E - 00100

SUITABILITY:
Suitable for review and comment
REV:
P05

7 Proposed Landscaping Layout

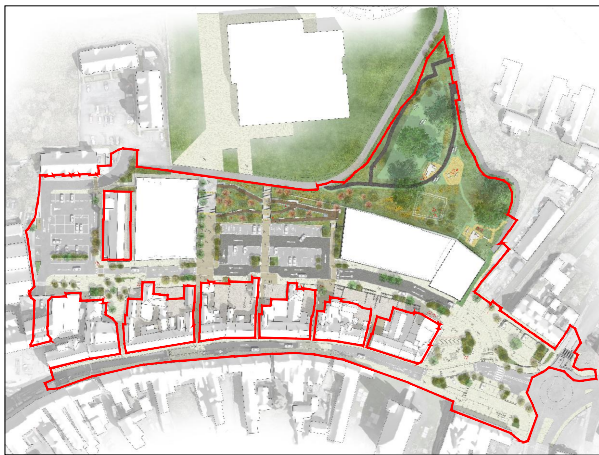


- NOTES
1. This drawing is to be read in conjunction with all other drawings and specifications.
 2. Do not scale off this drawing. Written dimensions to be taken only.
 3. Any discrepancies found between this drawing and other drawings and specifications in the construction documents must be referred to the Landscape Architect prior to work commencing.
 4. This drawing must not be copied in whole or in part without prior written consent of Optimised Environments Ltd.

CDM INFORMATION

1.

KEY PLAN



04	Issued for Planning	nt	29.01.25
03	Issued for Planning	nt	29.11.24
02	Issued for information. Draft planning	nt	08.08.24
01	Issued for discussion - Progress Meeting	hw	21.04.23
	Issued for discussion - Progress Meeting	hw	07.03.23
Issue	Revision	Initial	Date

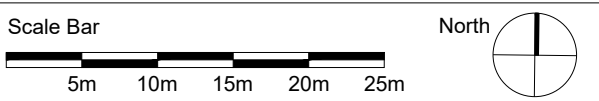
open
optimised environments ltd

EDINBURGH 2nd Floor | Quartermile Two | 2 Lister Square | Edinburgh | EH3 9GL
LONDON Unit 6 | 36-42 New Inn Yard | Shoreditch | London | EC2A 3EY
MANCHESTER 86 Princess Street | Manchester | M1 6NG
0131 221 5800 = optimisedenvironments.com
0203 984 4022 = optimisedenvironments.com
0161 696 7550 = optimisedenvironments.com

Client
Monaghan County Council

Project
Dublin Street North
Monaghan

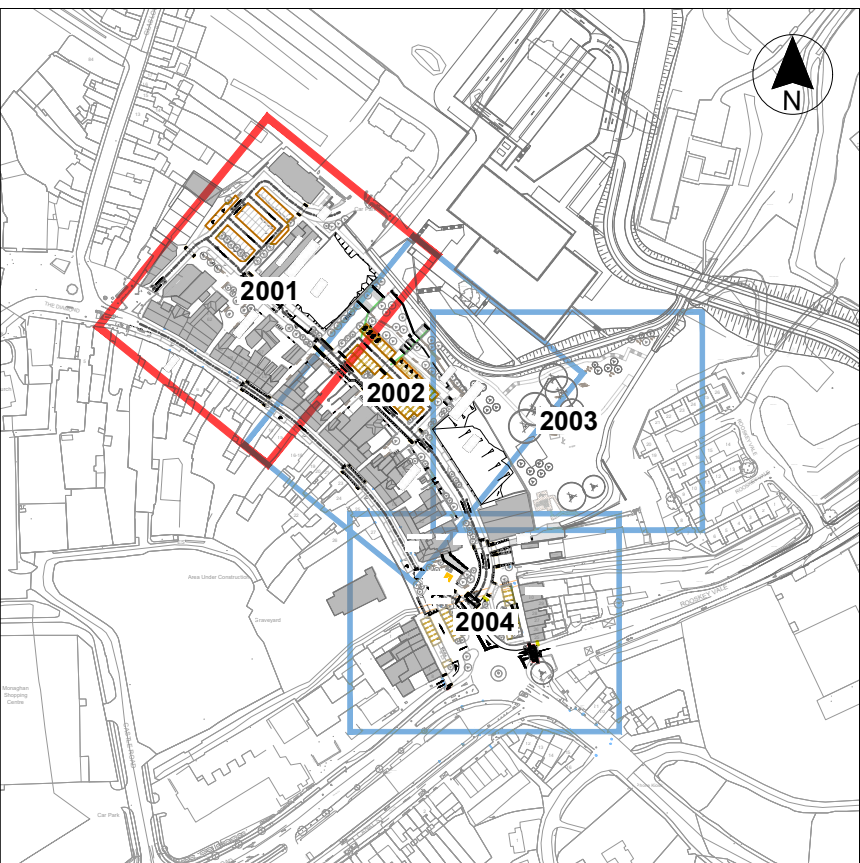
Drawing Title
Dublin Street North
Illustrative Masterplan



Scale: **NTS@A1** Date: **April 2023**
By: **hw** Status: **PLANNING**
Checked: **hw** Approved: **bp**

Drawing Number
DBL-OPE-00-XX-DR-L-901306 Rev
05

8 Overall Drainage Plans (Sheets 1-4)



KEY PLAN
SCALE 1:4000

LEGEND

- EXISTING STORM SEWER
- EXISTING FOUL SEWER
- PROPOSED STORM SEWER
- PROPOSED FOUL SEWER
- PROPOSED FRENCH DRAIN
- PROPOSED CHANNEL DRAINAGE
- PROPOSED FOUL MANHOLE
- PROPOSED STORM MANHOLE
- 600mm Dia CATCHPIT CHAMBERS (LAND DRAINAGE) - 1.2m Deep
- EXISTING STORM SEWER - TO BE REMOVED
- EXISTING FOUL SEWER - TO BE REMOVED
- PROPOSED TRAPPED GULLY LOCATIONS ARE INDICATIVE ONLY AND WILL BE SUBJECT TO FURTHER DEVELOPMENT AT DETAILED DESIGN STAGE
- PROPOSED GULLIES TO REPLACE EXISTING DRAINS AND CONNECT TO EXISTING SEWER. LOCATIONS ARE INDICATIVE ONLY AND WILL BE SUBJECT TO FURTHER DEVELOPMENT AT DETAILED DESIGN STAGE
- SOAKAWAY (REFER TO NOTES)
- ATTENUATION TANK / PETROL INTERCEPTOR (REFER TO NOTES)
- PERMEABLE PAVEMENT
- RAIN GARDEN

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Rev	Date	Description	App
P03	08.04.25	Changes for planning issue	DSA
P02	10.02.25	Updated for client review	DSA
P01	07.02.25	First issue for client review	PMcM

Project Manager, Civil & Structural Engineers

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Edinburgh, EH3 9GL
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www.op-en.co.uk | info@op-en.co.uk

Client
Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
DUBLIN ROAD NORTH

Drawing
**PROPOSED DRAINAGE PLANS
SHEET 1**

Scale
1:200 @ A1

Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	-ZZ	-XX	-DR	-CE	-2001	P03

Project Number	Status code & Description
E2442	S2 For Information

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2023 McAdam Design Ltd.

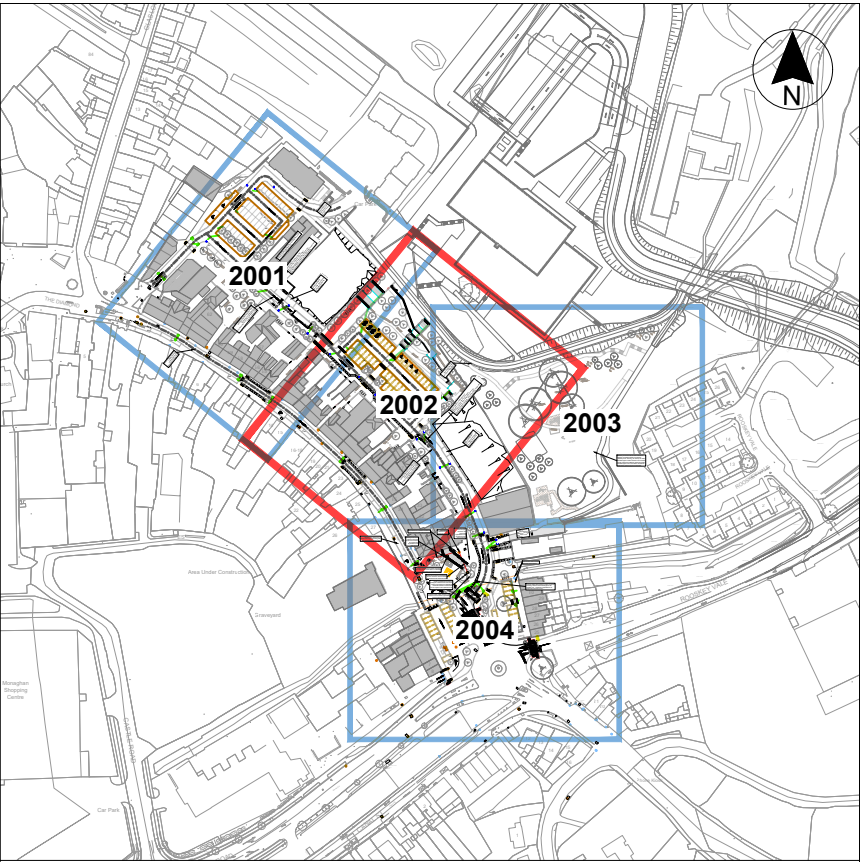
Existing road drainage to be collected through proposed gullies and connected to existing sewer

Hydrobrake Chamber - Unit reference MD-SHE-0082-3000-1000-3000 (Hydro International) or similar approved To restrict design flows to 3l/s (Greenfield Runoff Rate for Proposed Site)

Attenuation Tank
Polystorm Deep (or similar approved)
Tank Depth 0.8m (2 layers of 0.4m creates)
Tank to have minimum clear storage Volume of 24m³
Tank size for illustration purposes. Tank will be drawn to scale upon design development and confirmation of manufacturer

Connection Manhole for Future Development
Storm water discharge rate to be agreed through the Planning Process

- Notes:
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 - All measurements shown are in meters, and all levels are to ordnance datum unless otherwise indicated.
 - All Coordinates are to Irish Grid, unless otherwise noted.
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 - Existing sewers to be maintained and kept in service at all times.
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 - All drainage channels and outfalls to be constructed in accordance with manufactures specifications.
 - All details/ dimensions to be checked by the contractor. Any discrepancies to be reported to the engineer immediately.
 - Invert levels of catchpit chambers shown denote approximate invert levels of the lowest pipe and do not include for catchpit sump depth.
 - Existing services are not fully indicated within this drawing. Refer to drawings DSN-MCA-ZZ-XX-DR-C-1021-1024 Existing Services Plan. All works to be coordinated at detailed design to avoid clashing with existing services where possible



KEY PLAN
SCALE 1:4000

LEGEND

- EXISTING STORM SEWER
- EXISTING FOUL SEWER
- PROPOSED STORM SEWER
- PROPOSED FOUL SEWER
- PROPOSED FRENCH DRAIN
- PROPOSED CHANNEL DRAINAGE
- PROPOSED FOUL MANHOLE
- PROPOSED STORM MANHOLE
- 600mm Dia CATCHPIT CHAMBERS (LAND DRAINAGE) - 1.2m Deep
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Project Manager, Civil & Structural Engineers

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Client
Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
DUBLIN ROAD NORTH

Drawing
PROPOSED DRAINAGE PLANS
SHEET 2

Scale
1:500 @ A1

Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25

Project	- Organisation	- Zone	- Level	- Type	- Role	- Number	- Revision
DSN	- MCA	- ZZ	- XX	- DR	- CE	- 2002	- P03

Project Number	Status code & Description
E2442	S2 For Information

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2023 McAdam Design Ltd.

Notes:

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French Drain to connect into existing permeable pipe network along edge of cycle route

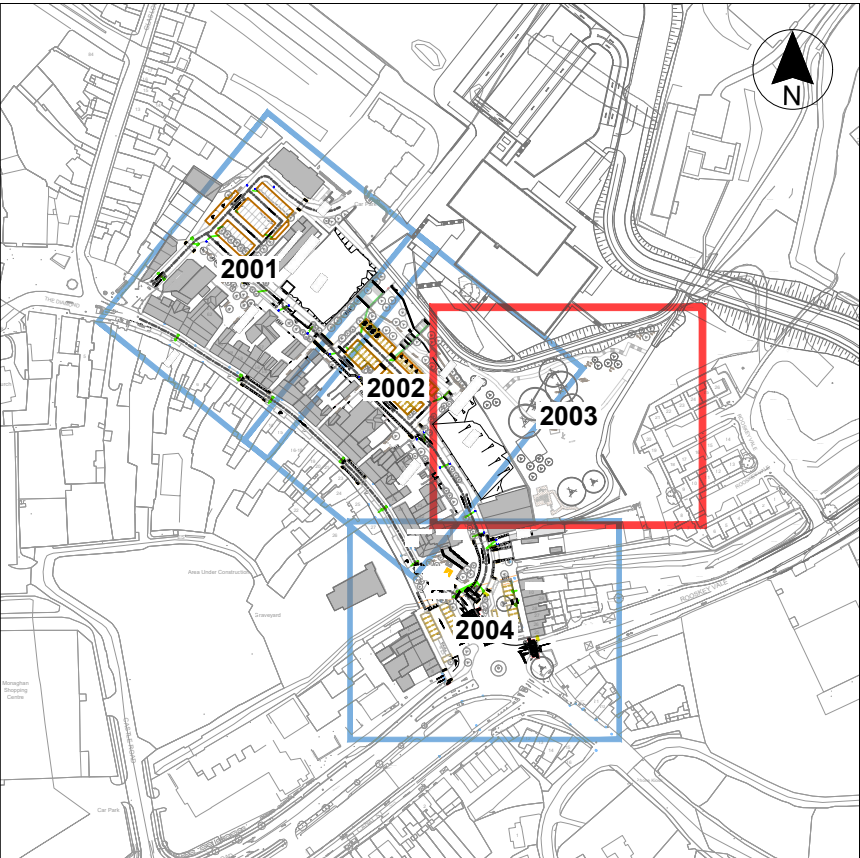
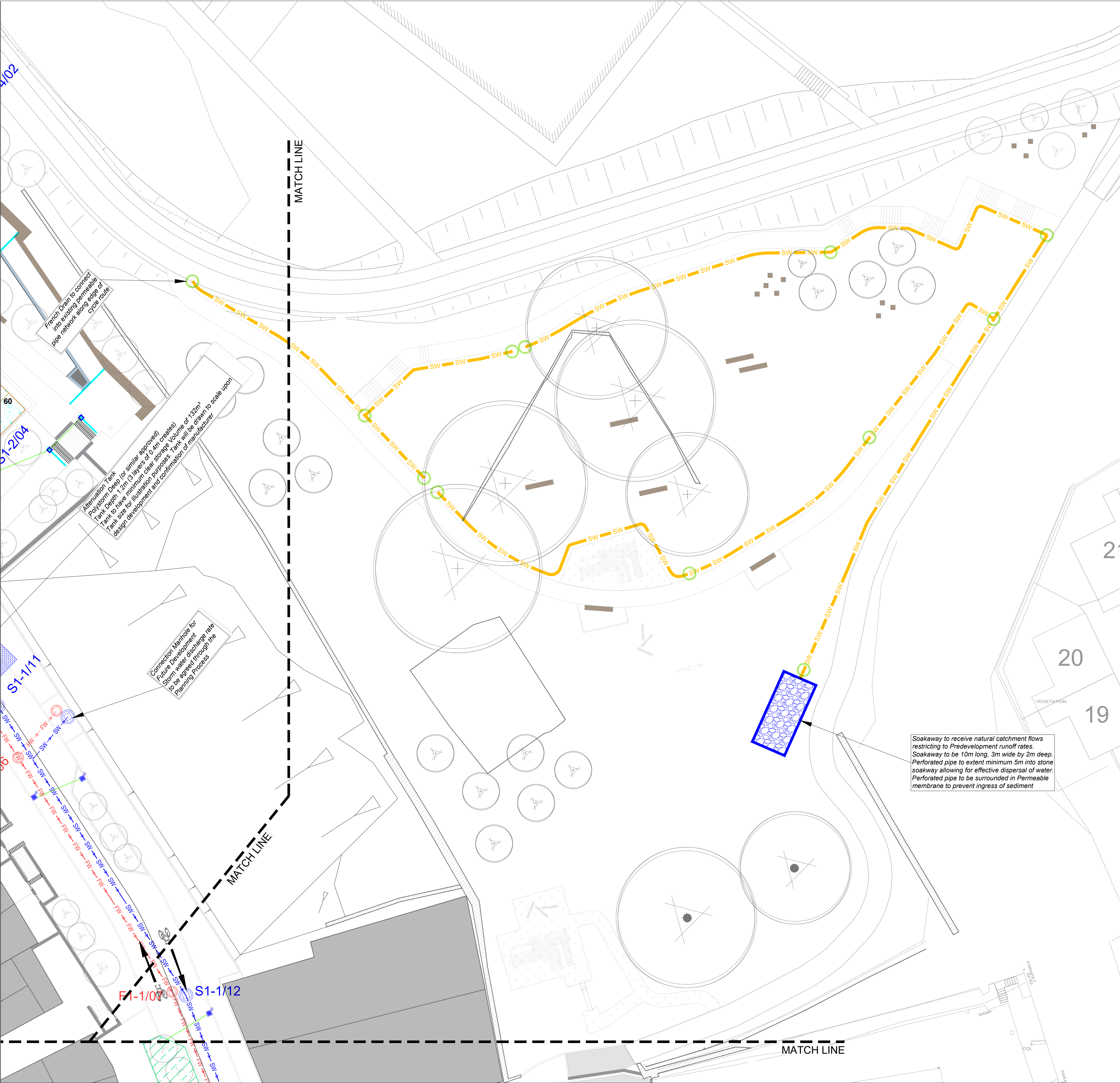
Attenuation Tank
Polystorm Deep (or similar approved)
Tank Depth 1.2m (3 layers of 0.4m creates)
Tank to have minimum clear storage Volume of 132m³
Tank size for illustration purposes. Tank will be drawn to scale upon design development and confirmation of manufacturer

Connection Manhole for Future Development
Storm water discharge rate to be agreed through the Planning Process

Hydrobrake Chamber - Unit reference MD-SHE-0082-3500-1500-3500 (Hydro International) or similar approved
To restrict design flows to 3.5l/s (Greenfield Runoff Rate for Proposed Site)

Proposed storm water pipe to be removed as part of diversion of existing storm drainage to local council

Proposed foul manhole to divert existing foul sewer



KEY PLAN
SCALE 1:4000

LEGEND	
	EXISTING STORM SEWER
	EXISTING FOUL SEWER
	PROPOSED STORM SEWER
	PROPOSED FOUL SEWER
	PROPOSED FRENCH DRAIN
	PROPOSED CHANNEL DRAINAGE
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	SOAKAWAY (REFER TO NOTES)
	ATTENUATION TANK / PETROL INTERCEPTOR (REFER TO NOTES)
	PERMEABLE PAVEMENT
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 - Compressible boards to be laid between crossing pipes where cover between pipes limited.
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Soakaway to receive natural catchment flows restricting to Predevelopment runoff rates. Soakaway to be 10m long, 3m wide by 2m deep. Perforated pipe to extent minimum 5m into stone soakway allowing for effective dispersal of water. Perforated pipe to be surrounded in Permeable membrane to prevent ingress of sediment

Attenuation Tank
Polyatom Degr (or similar approved)
Tank to have minimum clear storage volume of 132m³
Tank size for illustration purposes. Tank will be drawn to scale upon design development and confirmation of manufacturer

Connector Manhole for
Future development
Storm water discharge rate
to be agreed through the
Planning Process

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P02	10.02.25	Updated for client review	DSA
P01	07.02.25	First issue for client review	PMcM

Rev	Date	Description	App

Project Manager, Civil & Structural Engineers

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Client

Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status

STAGE 3 - PLANNING

Project

DUBLIN ROAD NORTH

Drawing

PROPOSED DRAINAGE PLANS
SHEET 3

Scale

1:500 @ A1

Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	- ZZ	- XX	- DR	- CE	- 2003	- P03

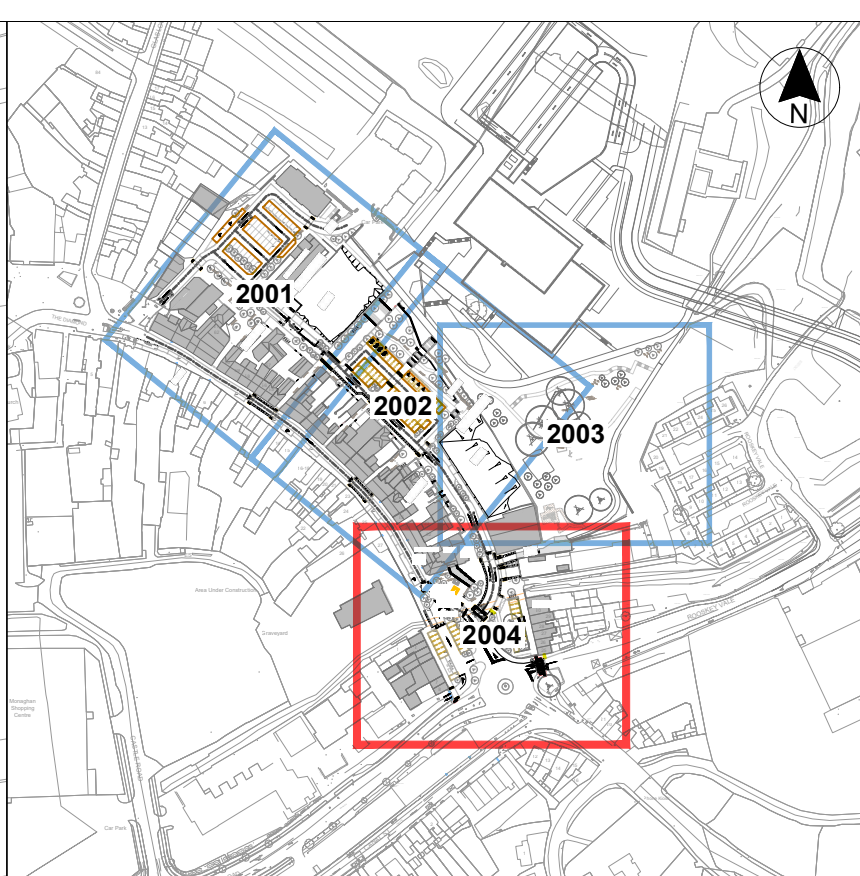
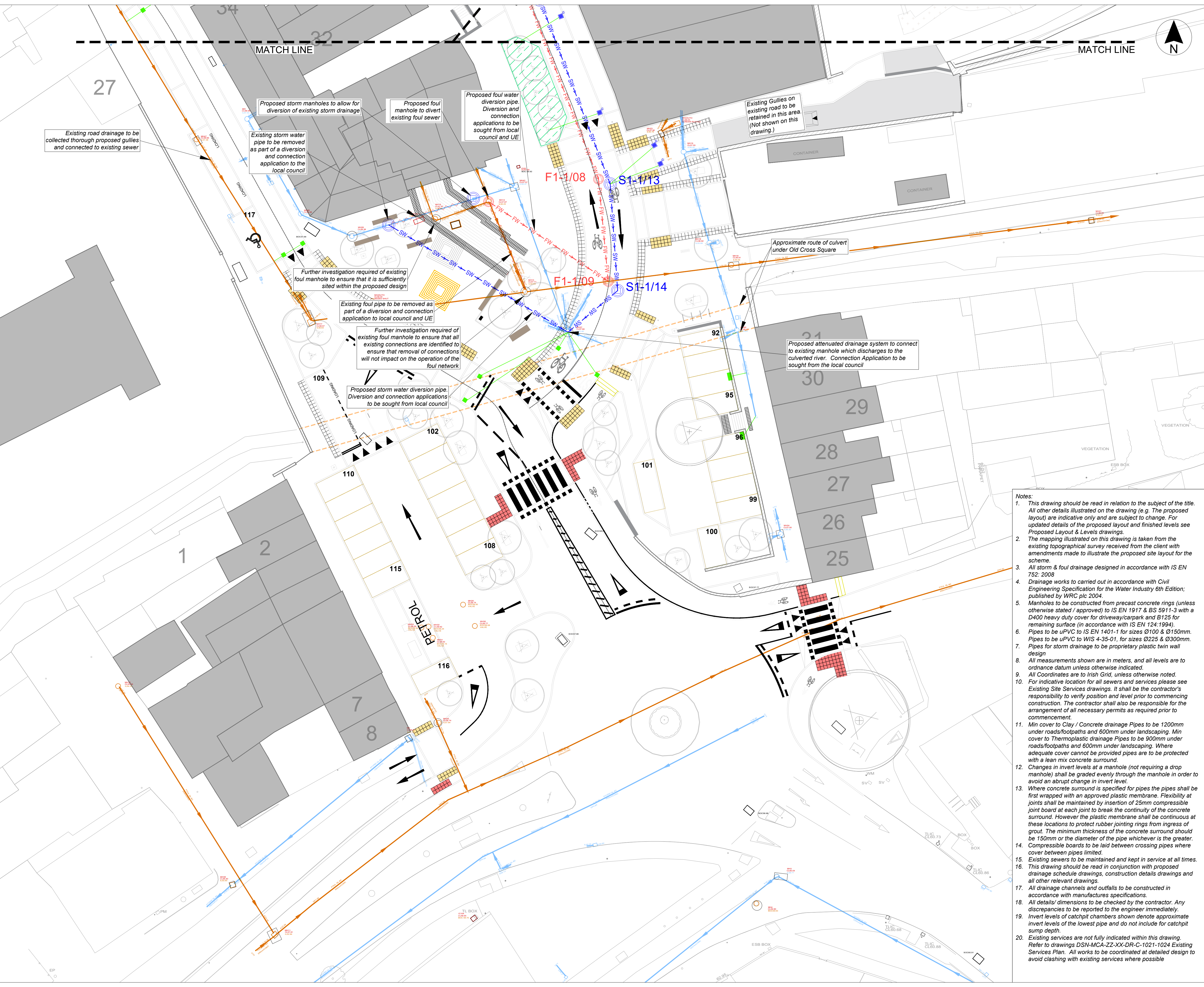
Project Number

E2442

Status code & Description

S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND

- EXISTING STORM SEWER
- EXISTING FOUL SEWER
- PROPOSED STORM SEWER
- PROPOSED FOUL SEWER
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P03	08.04.25	Changes for planning issue	DSA
P02	10.02.25	Updated for client review	DSA
P01	07.02.25	First issue for client review	PMcM

Project Manager, Civil & Structural Engineers

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Client
Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
DUBLIN ROAD NORTH

Drawing
**PROPOSED DRAINAGE PLANS
SHEET 4**

Scale
1:500 @ A1

Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25
Project	- Organisation -	Zone -	Level -	Type -	Role -
DSN	- MCA -	- ZZ -	- XX -	- DR -	- CE -
					- 2004 -
					- P03

Project Number
E2442

Status code & Description
S2 For Information

All dimensions are in metres. Figured dimensions to be taken in preference to scaled dimensions. Dimensions to be checked on site. © 2023 McAdam Design Ltd.

9 Proposed CCTV Camera Layout



NOTES:
1. THIS DRAWING IS THE PROPERTY OF DELAP & WALLER AND MAY ONLY BE USED WITH THEIR WRITTEN APPROVAL
2. DO NOT SCALE FROM THIS DRAWING.

CCTV-A IP65 RATED FIXED POINT IP CCTV CAMERA
ALLOW FOR STRUCTURED CABLING POINT
AND POWER SUPPLY AT EACH CAMERA POSITION
MOUNTED ON STREETLIGHT

CCTV-B IP65 RATED FIXED POINT IP CCTV CAMERA
ALLOW FOR STRUCTURED CABLING POINT
AND POWER SUPPLY AT EACH CAMERA POSITION
MOUNTED ON DEDICATED 6M COLUMN

BASE SCHEME CAMERA

RECOMMENDED ADDITIONAL CAMERA FOR
ENHANCED SECURITY AND MONITORING

P04	ADB	ISSUED FOR PLANNING	27.01.2024
P03	ADB	ISSUED FOR PLANNING	05.12.2024
P02	ADB	PRELIMINARY DRAWING	15.11.2024
P01	ADB	FOR DISCUSSION ONLY	12.08.2024

REV	BY	DESCRIPTION	DATE
-----	----	-------------	------

PROJECT:
DUBLIN STREET NORTH
REGENERATION



www.delapandwaller.com

Antrim: T 44 0 28 9448 3800
Dublin: T 353 0 1 535 5900
London: T 44 0 20 8059 7373

CLIENT:
MONAGHAN COUNTY COUNCIL

SCALE AT A1: 1:500	CHK: ADB DES: ADB	APP: RS DRW: ADB
-----------------------	----------------------	---------------------

WORK PACKAGE:
M&E DESIGN

DRAWING TITLE:
CCTV PROPOSAL

DRAWING NUMBER:
Project Originator Zone Level Type Role - Number
22268 DLW · XX · XX · XX · E - 00300

SUITABILITY:
Suitable for review and comment

REV:
P04

10 Demolition Plan



- LEGEND**
- Building to be retained
 - Building to be demolished
 - Historic wall to be retained
 - Historic wall to be demolished
 - Other wall to be demolished

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P02	08.04.25	Changes for planning issue	DSA
P01	04.02.25	First issue for client review	DSA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers

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Client
 **Comhairle Contae Mhuineacháin**
Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
**NORTH DUBLIN STREET & BACK-
LANDS REGENERATION PROJECT**

Drawing
BUIDLING AND WALL DEMOLITIONS PLAN

Scale
1:500 @ A1

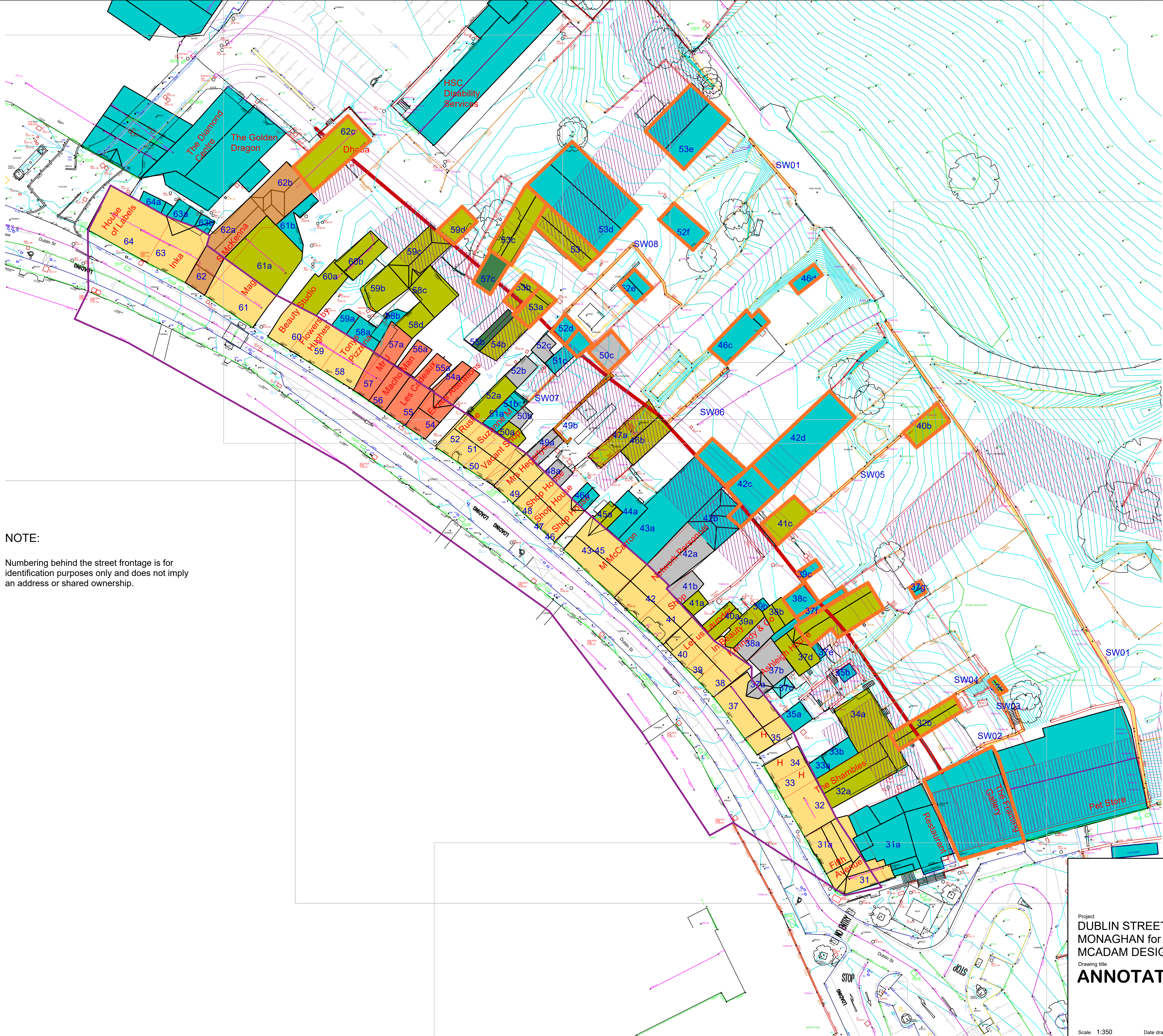
Drawn	DSA	Checked	DSA	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	ZZ	XX	DR	CE	1902	P02

Project Number	Status code & Description
E2442	S2 For Information

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11 Cultural & Architectural Heritage Context Map



NOTE:
Numbering behind the street frontage is for identification purposes only and does not imply an address or shared ownership.

- Proposed for demolition- 29 buildings/ parts of buildings
- | | |
|--|----|
| Modern buildings | 16 |
| Historic- Not protected | 11 |
| Historic- RPS | 0 |
| Historic- Curtlidge to RPS | 1 |
| Historic- NIAH | 0 |
| Historic- ACA | 0 |
| Inaccessible/ further info required | 1 |
| Masterplan development areas | |
| Historic Walls | |
| Proposed development boundary | |
| Approximate Architectural Conservation Area (ACA) boundary | |
| Buildings proposed for demolition | |

MOST RECENT UPDATE - 21/02/2025
updated by KST
checked by MAG

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Project
DUBLIN STREET NORTH at
MONAGHAN for
MCADAM DESIGN

Drawing title
ANNOTATED SITE PLAN

Project Reference

MAD01

Drawing number

D01

Revision

1 2 3 4 5 6 7 8 9 10

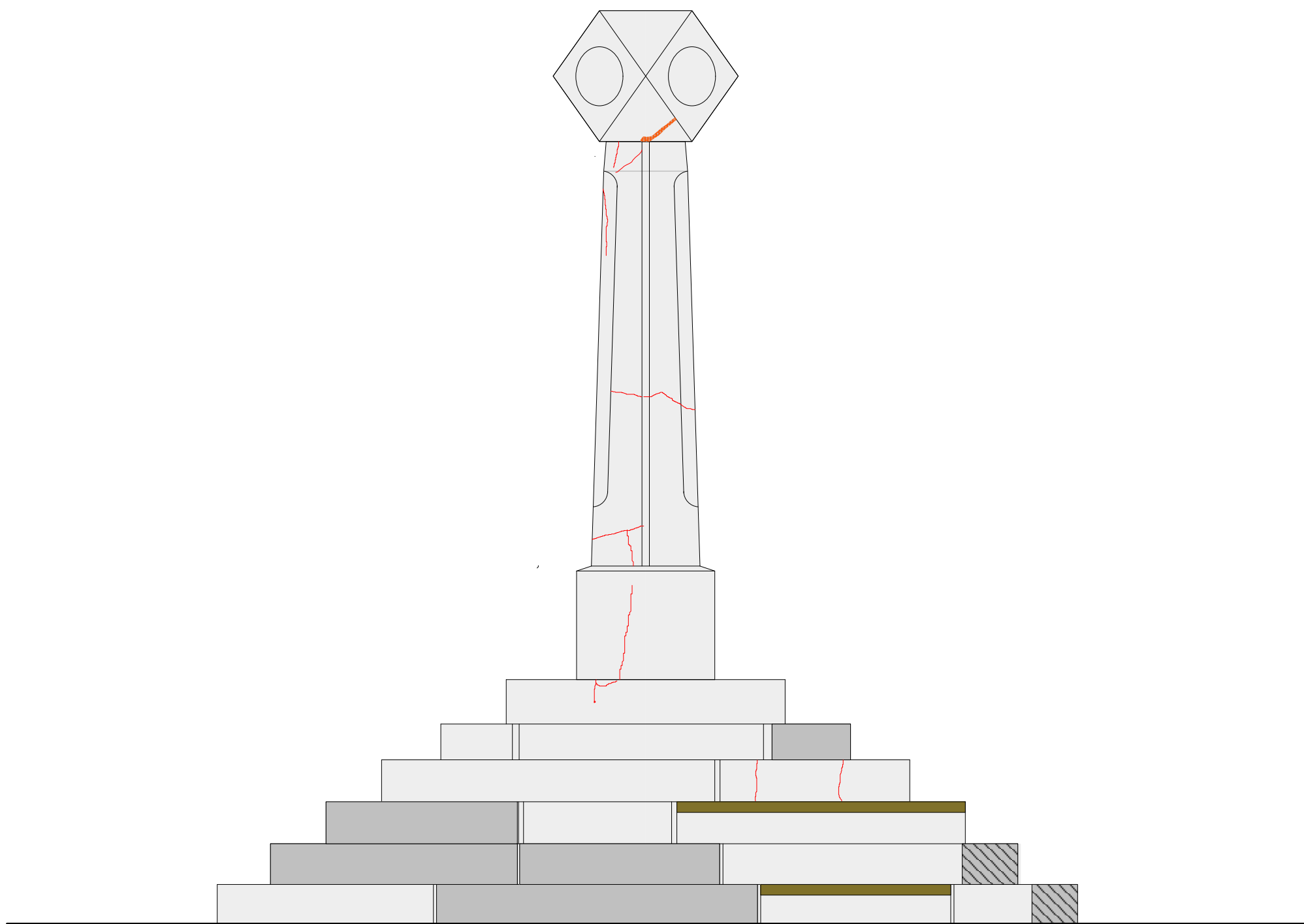
Scale 1:350

Date drawn Feb 25

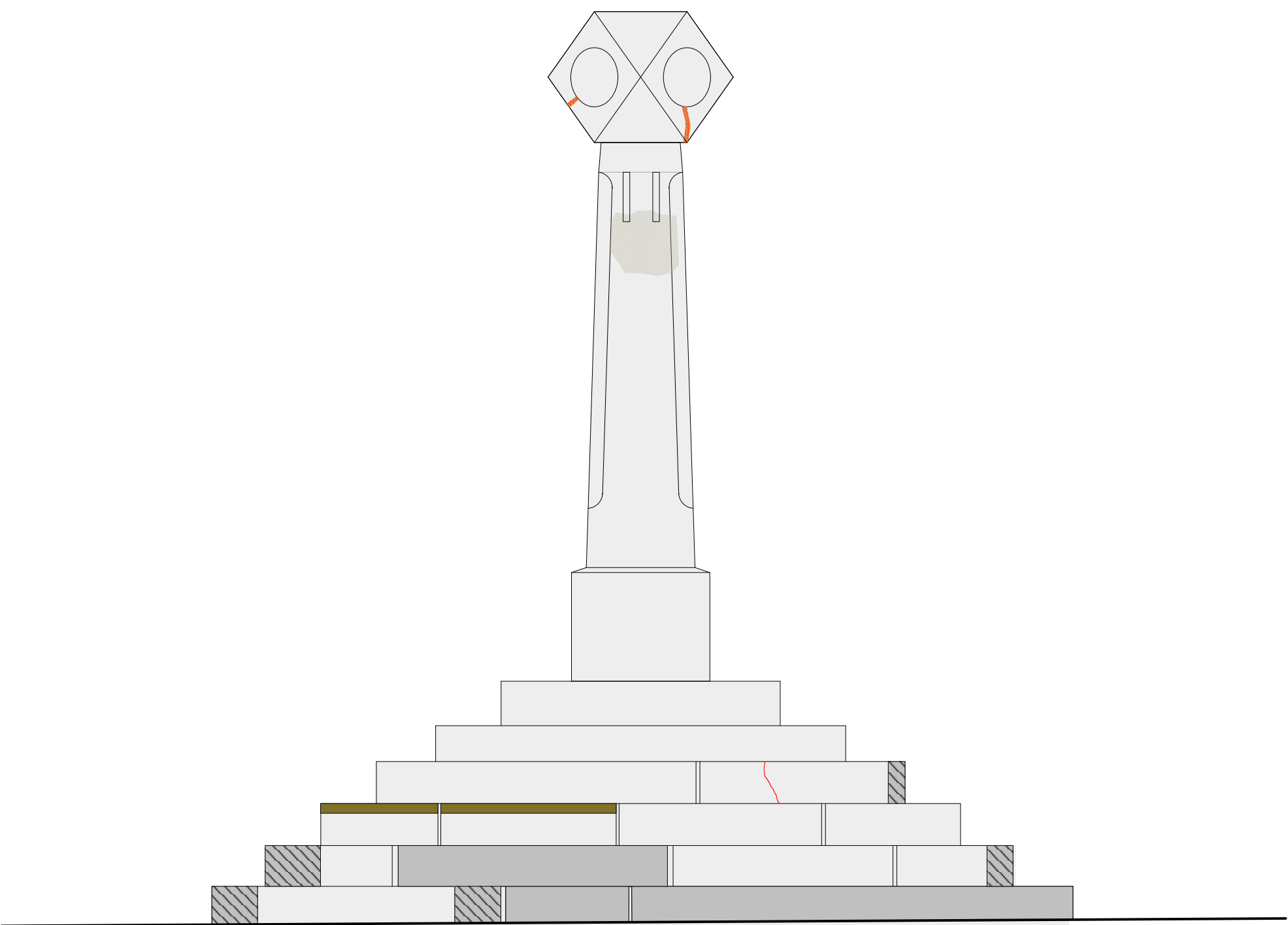
Drawn by: MAG

Checked by: XXX

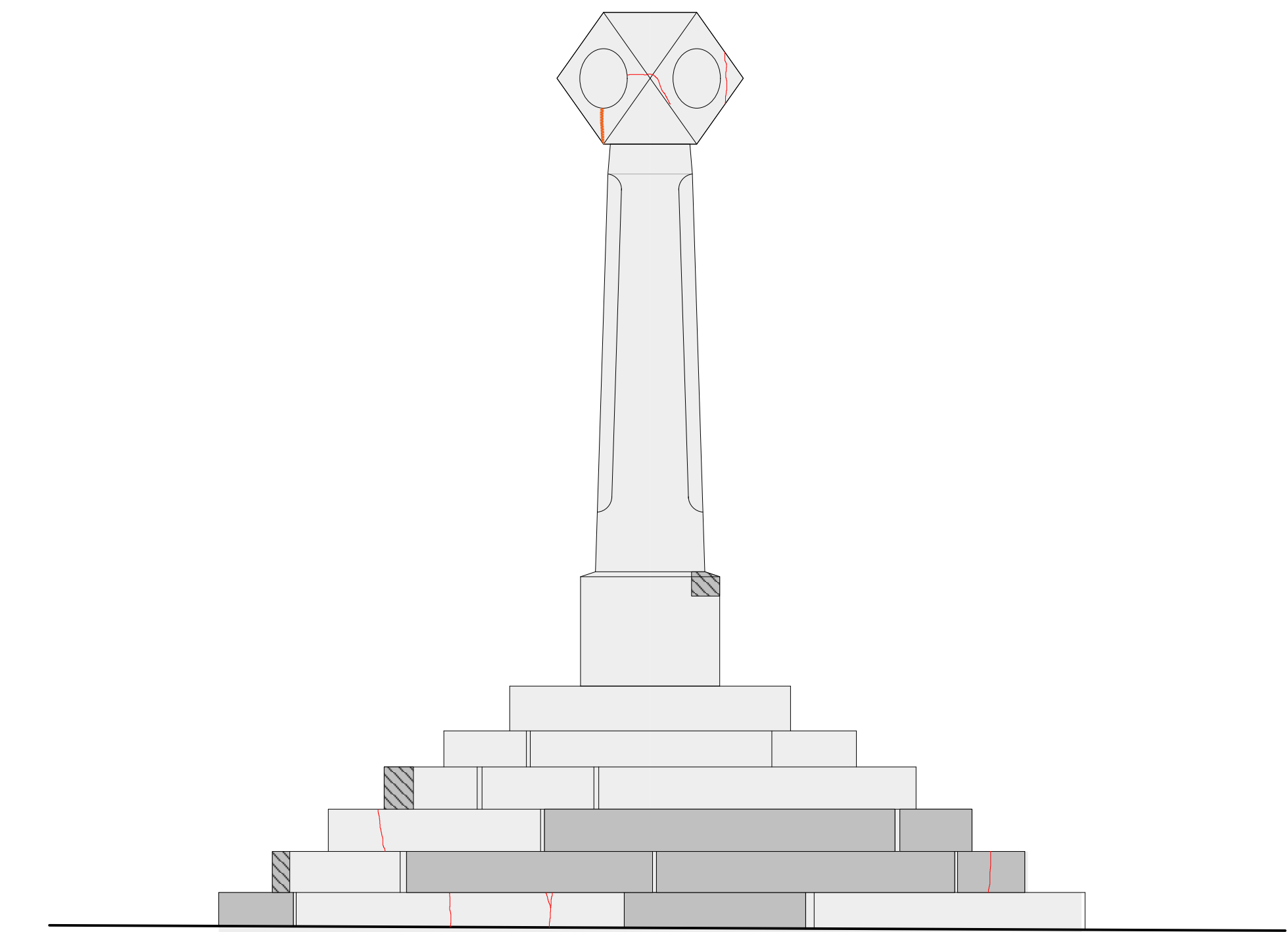
12 Old Cross Monument Drawing



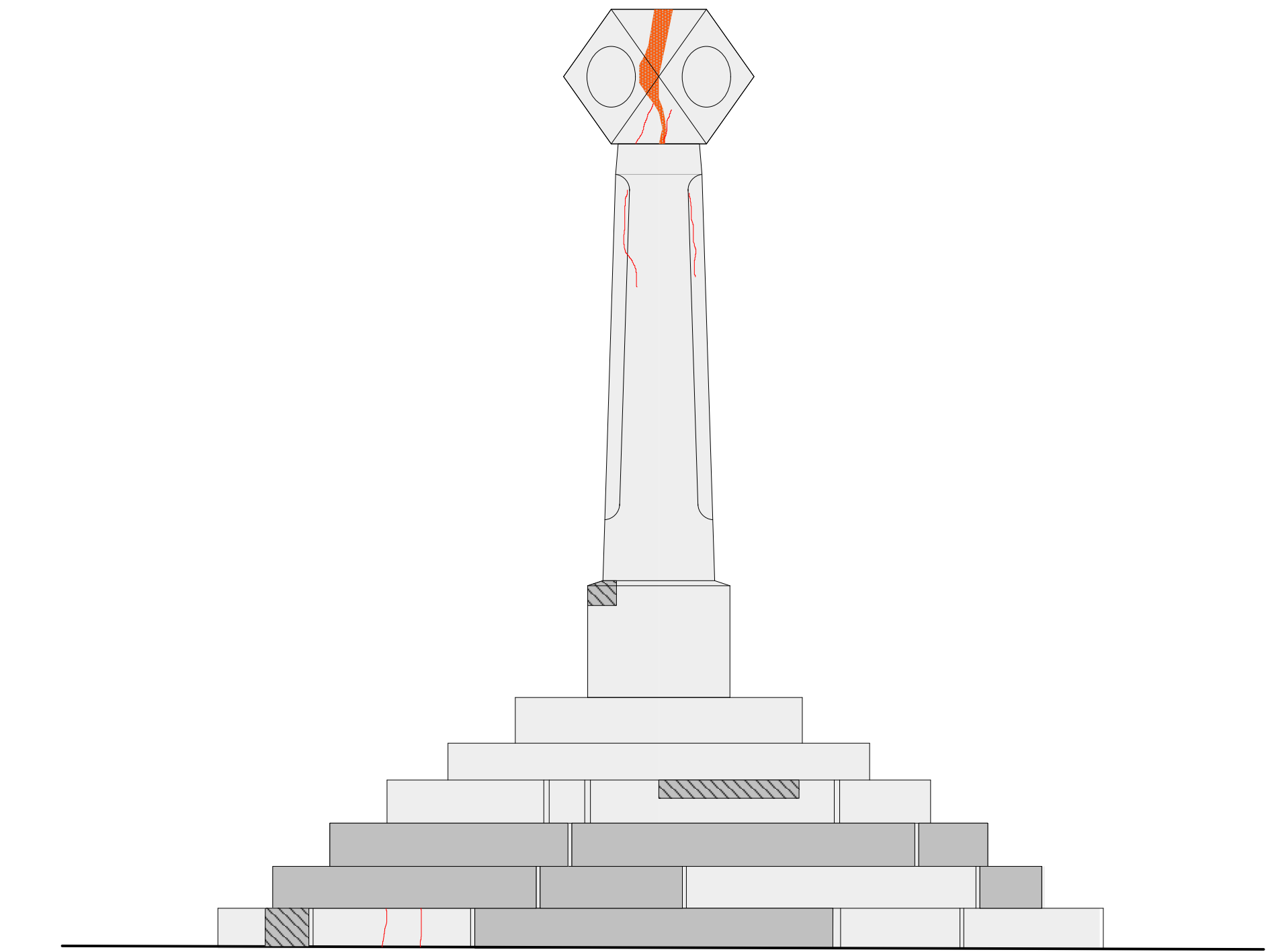
NORTH ELEVATION Scale 1:20



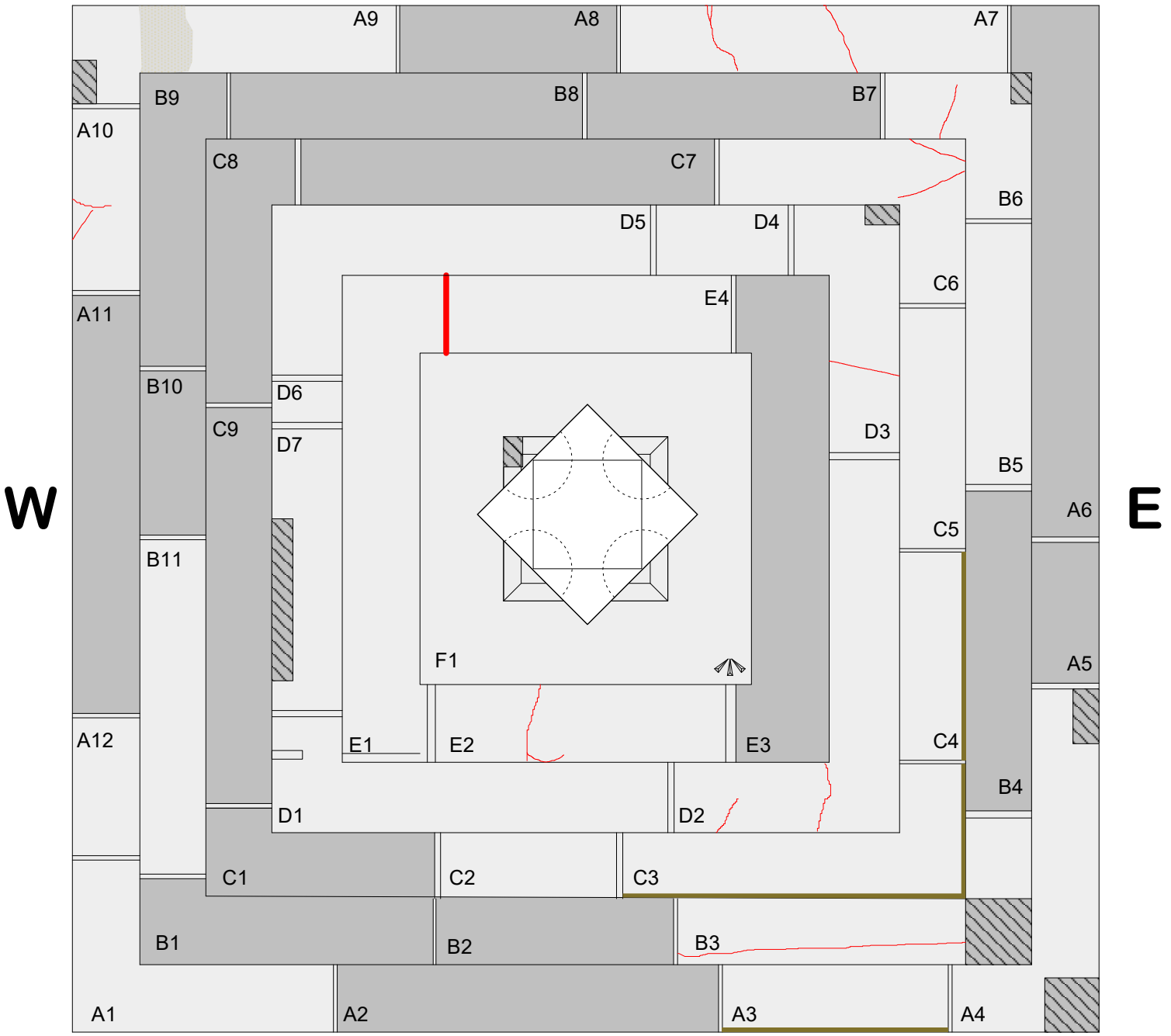
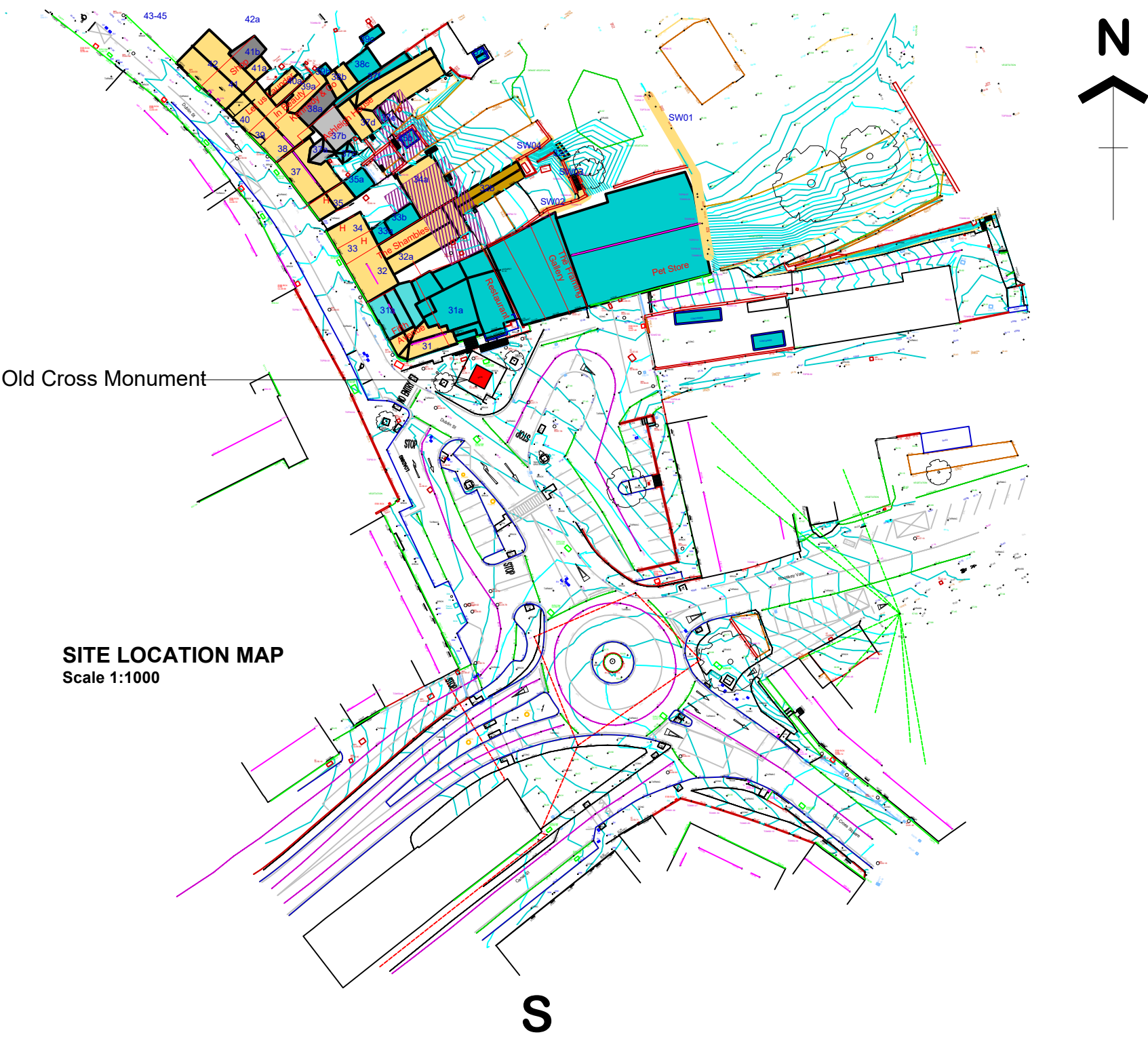
EAST ELEVATION Scale 1:20



SOUTH ELEVATION Scale 1:20



WEST ELEVATION Scale 1:20



PLAN Scale 1:20

- KEY:**
- Replacement stone
 - Indent repair
 - Mortar repair
 - Heavily spalled arrises
 - Fracture lines

MOST RECENT UPDATE - 21/02/2025
updated by KST
checked by MAG

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Project

STAGE 3 PLANNING, DUBLIN STREET NORTH at
MONAGHAN TOWN for
McADAM DESIGN

Drawing title

Old Cross, Monaghan
Condition survey

Project Reference

MAD01

Drawing number

D03

Revision

Scale

1:20, 1:1000

Date drawn

FEB 2025

Drawn by

AMC

Checked by

MAG