



North Dublin Street and Backlands Regeneration Project

Monaghan County Council

An Bord Pleanála Planning Drawings

BOOK A2.2

April 2025

Drawing Number
DSN-MCA-ZZ-XX-DR-CE-1002-2.2-P01
Status
S2 - FOR INFORMATION



Comhairle Contae Mhuineacháin
Monaghan County Council



Delap & Waller



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Rev	Issue Date	Description	App
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North Dublin Street & Backlands Regeneration Project

Monaghan County Council

An Bord Pleanála Planning Drawings

April 2025

Drawing Register

Book A1.1 - Site Location and Existing / Proposed Layouts

DSN-MCA-ZZ-XX-DR-CE-1000-1.1	P01	Cover Sheet
DSN-MCA-ZZ-XX-DR-CE-1004	P02	Drawing Register
DSN-MCA-ZZ-XX-DR-CE-1005	P03	Site Location Plan
DSN-MCA-ZZ-XX-DR-CE-1006	P02	Site Notice Plan
DSN-MCA-ZZ-XX-DR-CE-1010	P01	Existing Site Layout Overview
DSN-MCA-ZZ-XX-DR-CE-1011	P01	Existing Site Layout Sheet 1
DSN-MCA-ZZ-XX-DR-CE-1012	P01	Existing Site Layout Sheet 2
DSN-MCA-ZZ-XX-DR-CE-1013	P01	Existing Site Layout Sheet 3
DSN-MCA-ZZ-XX-DR-CE-1014	P01	Existing Site Layout Sheet 4
DSN-MCA-ZZ-XX-DR-CE-1030	P01	Existing Drainage Plan
DBL-OPE-00-XX-DR-L-901300	-	Site Layout Site Overview
DSN-OPE-00-XX-DR-L-901301	Rev07	Site Layout Sheet 01
DSN-OPE-00-XX-DR-L-901302	Rev07	Site Layout Sheet 02
DSN-OPE-00-XX-DR-L-901303	Rev07	Site Layout Sheet 03
DSN-OPE-00-XX-DR-L-901304	Rev07	Site Layout Sheet 04
DSN-OPE-00-XX-DR-L-901306	Rev05	Illustrative Masterplan
DSN-MCA-ZZ-XX-DR-CE-1902	P02	Building and Wall Demolition Plan

Book A2.1 - Hard and Soft Landscaping

DSN-MCA-ZZ-XX-DR-CE-1001-2.1	P01	Cover Sheet
DSN-MCA-ZZ-XX-DR-CE-1004	P02	Drawing Register
DSN-OPE-00-XX-DR-L-901204	Rev03	Illustrative Sections
DSN-OPE-00-XX-DR-L-901205	Rev02	Illustrative Sections
DSN-OPE-ZZ-XX-DR-L-901101	Rev02	Details - Surfacing
DSN-OPE-ZZ-XX-DR-L-902102	Rev02	Details - Steps and Furniture
DSN-OPE-ZZ-XX-DR-L-902103	Rev02	Details - Furniture
DSN-OPE-ZZ-XX-DR-L-902104	Rev01	Details - Furniture
DSN-OPE-ZZ-XX-DR-L-902105	Rev01	Details - Boundary Treatments
DSN-OPE-ZZ-XX-DR-L-902201	Rev01	Details - Soft Landscape Planting 01
DSN-OPE-ZZ-XX-DR-L-902202	Rev02	Details - Soft Landscape Planting 02
DSN-OPE-ZZ-XX-DR-L-902203	Rev02	Details - Soft Landscape Planting 03

Book A2.2 - Roads & Drainage

DSN-MCA-ZZ-XX-DR-CE-1002-2.2	P01	Cover Sheet
DSN-MCA-ZZ-XX-DR-CE-1004	P02	Drawing Register
DSN-MCA-ZZ-XX-DR-CE-1100	P03	Civil Layout and Levels Overview
DSN-MCA-ZZ-XX-DR-CE-1101	P03	Civil Layout and Levels - Sheet 1
DSN-MCA-ZZ-XX-DR-CE-1102	P03	Civil Layout and Levels - Sheet 2
DSN-MCA-ZZ-XX-DR-CE-1103	P03	Civil Layout and Levels - Sheet 3
DSN-MCA-ZZ-XX-DR-CE-1104	P03	Civil Layout and Levels - Sheet 4
DSN-MCA-ZZ-XX-DR-CE-1501	P03	Proposed Whitelining & Road Signs - Sheet 1
DSN-MCA-ZZ-XX-DR-CE-1502	P03	Proposed Whitelining & Road Signs - Sheet 2
DSN-MCA-ZZ-XX-DR-CE-1503	P03	Proposed Whitelining & Road Signs - Sheet 3
DSN-MCA-ZZ-XX-DR-CE-1504	P03	Proposed Whitelining & Road Signs - Sheet 4
DSN-MCA-ZZ-XX-DR-CE-1511	P03	Proposed Road Visibility Plan
DBRN-MCA-ZZ-XX-DR-CE-1711	P02	Proposed Vehicle Tracking - Fire Tender
DBRN-MCA-ZZ-XX-DR-CE-1712	P02	Proposed Vehicle Tracking - Refuse Vehicle
DBRN-MCA-ZZ-XX-DR-CE-1713	P02	Proposed Vehicle Tracking - Bus
DBRN-MCA-ZZ-XX-DR-CE-1714	P02	Proposed Vehicle Tracking - Articulated Lorry
DSN-MCA-ZZ-XX-DR-CE-2001	P03	Proposed Drainage Plans - Sheet 1
DSN-MCA-ZZ-XX-DR-CE-2002	P03	Proposed Drainage Plans - Sheet 2
DSN-MCA-ZZ-XX-DR-CE-2003	P03	Proposed Drainage Plans - Sheet 3
DSN-MCA-ZZ-XX-DR-CE-2004	P03	Proposed Drainage Plans - Sheet 4
22268-DLW-XX-XX-XX-E-00100	P05	Electrical Site Lighting
22268-DLW-XX-XX-XX-E-00101	P03	Electrical Site Lighting - Results
22268-DLW-XX-XX-XX-E-00200	P05	Electrical Site Services
22268-DLW-XX-XX-XX-E-00300	P04	CCTV Proposal
22268-DLW-XX-XX-XX-E-00400	P04	Diversions
22268-DLW-XX-XX-DR-E-00500	P04	ESB Substation
DSN-MCA-ZZ-XX-DR-CE-1706	P02	Proposed Contractor's Compound Plan

Book A2.3 - Elevations and Sections

DSN-MCA-ZZ-XX-DR-CE-1003-2.3	P01	Cover Sheet
DSN-MCA-ZZ-XX-DR-CE-1004	P02	Drawing Register
DSN-MCA-ZZ-XX-DR-CE-1810	P02	Russell Row Boundary Proposals Overview Plan 1
DSN-MCA-ZZ-XX-DR-CE-1811	P02	Russell Row Boundary Proposals Sheet 1
DSN-MCA-ZZ-XX-DR-CE-1812	P02	Russell Row Boundary Proposals Sheet 2
DSN-MCA-ZZ-XX-DR-CE-1813	P02	Russell Row Boundary Proposals Sheet 3
DSN-MCA-ZZ-XX-DR-CE-1814	P02	Russell Row Boundary Proposals Sheet 4
DSN-MCA-ZZ-XX-DR-CE-1815	P02	Russell Row Boundary Proposals Sheet 5
DSN-MCA-ZZ-XX-DR-CE-1816	P02	Russell Row Boundary Proposals Sheet 6
DSN-MCA-ZZ-XX-DR-CE-1820	P02	Russell Row Boundary Proposals Overview Plan 2
DSN-MCA-ZZ-XX-DR-CE-1821	P02	Russell Row Boundary Proposals Sheet 7
DSN-MCA-ZZ-XX-DR-CE-1822	P02	Russell Row Boundary Proposals Sheet 8
DSN-MCA-ZZ-XX-DR-CE-1823	P02	Russell Row Boundary Proposals Sheet 9
DSN-MCA-ZZ-XX-DR-CE-1830	P02	Russell Row Boundary Proposals Overview Plan 3
DSN-MCA-ZZ-XX-DR-CE-1831	P02	Russell Row Boundary Proposals Sheet 10
DSN-MCA-ZZ-XX-DR-CE-1832	P02	Russell Row Boundary Proposals Sheet 11
DSN-MCA-ZZ-XX-DR-CE-1833	P02	Russell Row Boundary Proposals Sheet 12
DSN-MCA-ZZ-XX-DR-CE-1834	P02	Russell Row Boundary Proposals Sheet 13
DSN-MCA-ZZ-XX-DR-CE-1835	P02	Russell Row Boundary Proposals Sheet 14
DSN-MCA-ZZ-XX-DR-CE-1836	P02	Russell Row Boundary Proposals Sheet 15
DSN-MCA-ZZ-XX-DR-CE-1840	P02	Russell Row Boundary Proposals Overview Plan 4
DSN-MCA-ZZ-XX-DR-CE-1841	P02	Russell Row Boundary Proposals Sheet 16
DSN-MCA-ZZ-XX-DR-CE-1842	P02	Russell Row Boundary Proposals Sheet 17
DSN-MCA-ZZ-XX-DR-CE-1843	P02	Russell Row Boundary Proposals Sheet 18



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Monaghan County Council



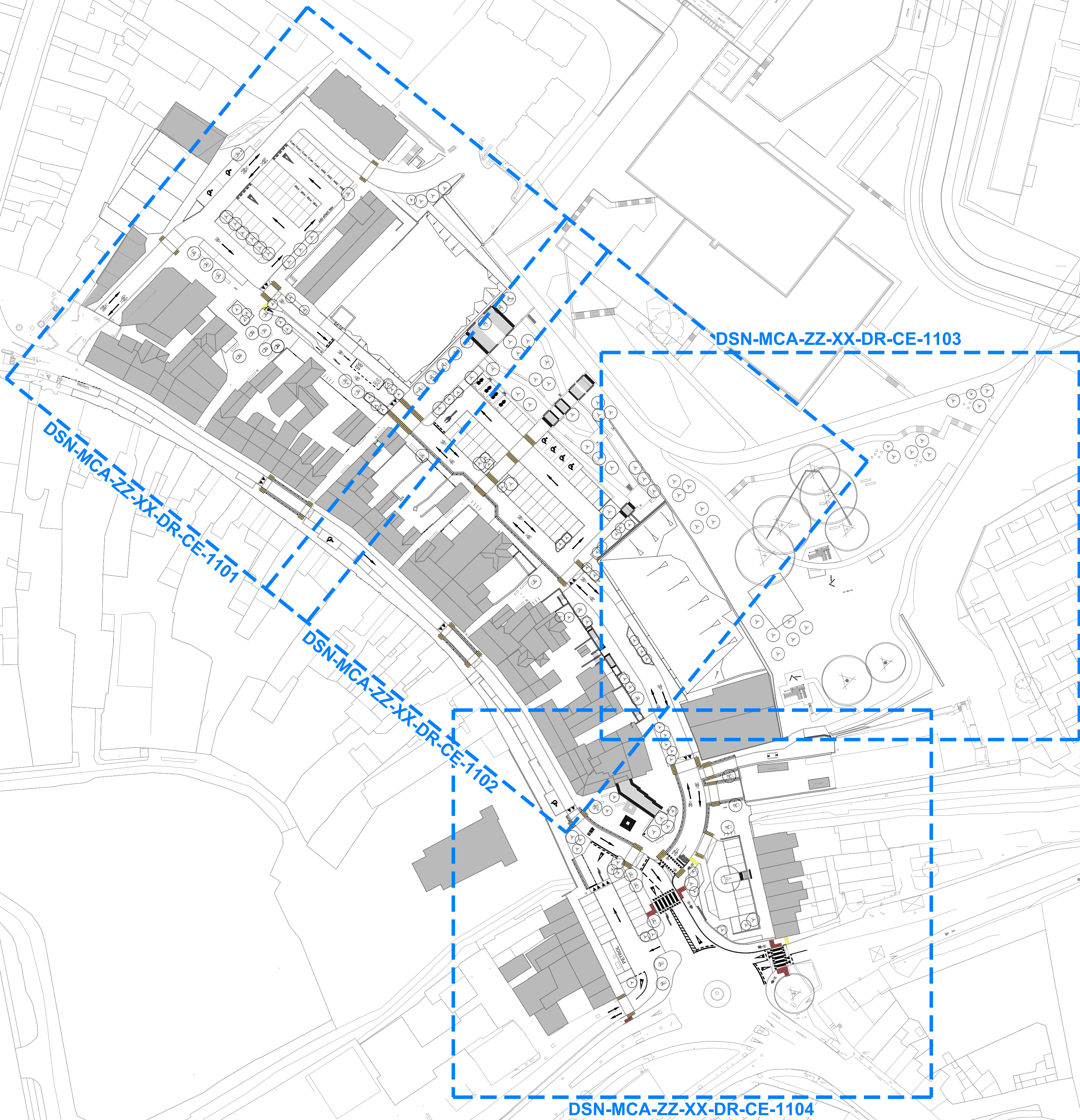
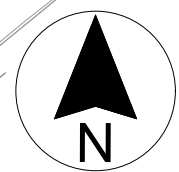
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P02	07.04.25	Updated for planning issue	DSA
Rev	Issue Date	Description	App
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Rev	Date	Description	App
P03	07.04.25	changes for planning issue	DSA
P02	13.02.25	Minor changes for client review	DSA
P01	04.02.25	First Issue for client review	DSA

Project Manager, Civil & Structural Engineers



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects



optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lieter Square
Edinburgh, EH3 9GL

T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client



Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status STAGE 3 - PLANNING

Project NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing PROPOSED CIVIL LAYOUT AND LEVELS
OVERVIEW

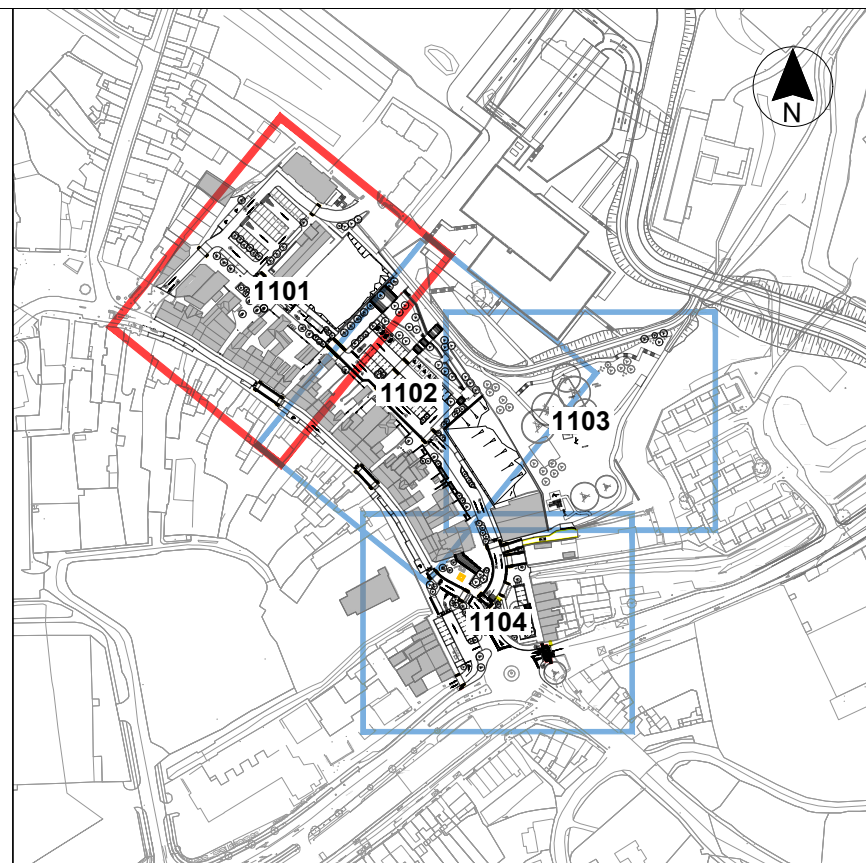
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	ZZ	XX	DR	CE	1100	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.



KEY PLAN
SCALE 1:4000

Notes:

1. All dimensions in metres unless otherwise noted
2. All levels are in meters and referenced to Ordnance Datum
3. All tactile pavings to be compliant with 'Guidance on the use of Tactile Paving Surfaces, 2021'
4. This drawing should be read in conjunction with all other Civil, Landscape Architect, Architects and M&E drawings

*for kerb types see drawings DSN-MCA-ZZ-XX-DR-CE-1401 to -1404

Legend:

	Kerbs (various)*		Existing wall - retained
	Buff blister tactile paving		Red blister tactile paving
	Guidance tactile paving along kerbs		Hazard corduroy paving
	Cycle corduroy paving		Traffic cushion
	Existing monument location		New monument location
	Earthworks		
	Proposed Dimensions (m)		Proposed Radius (m)
	Proposed level (mAOD)		Proposed Gradient
	Existing level - to be maintained (mAOD)		
	Finished Floor level - to be maintained (mAOD)		
	3rd party proposals - DBFL Roosky - cycle & pedestrian surface		
	3rd party proposals - DBFL Roosky - earthworks		
	3rd party proposals - HJ Lyons Council HQ		

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P03	07.04.25	Changes for planning issue	DSA
P02	13.02.25	Minor changes for client review	DSA
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Rev	Date	Description	App
		Project Manager, Civil & Structural Engineers	



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
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Landscape Architects

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STAGE 3 - PLANNING

NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing PROPOSED CIVIL LAYOUT AND LEVELS
SHEET 1

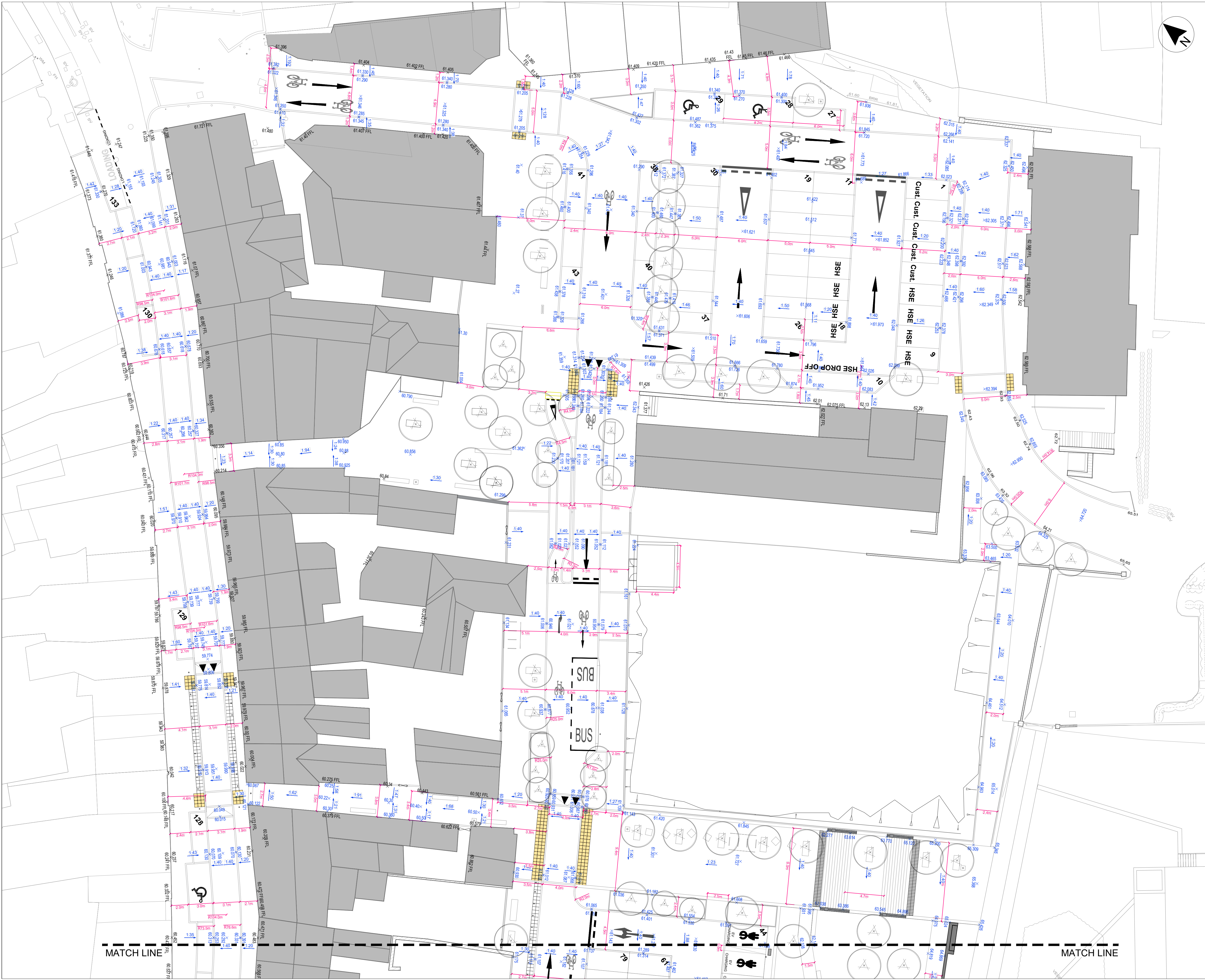
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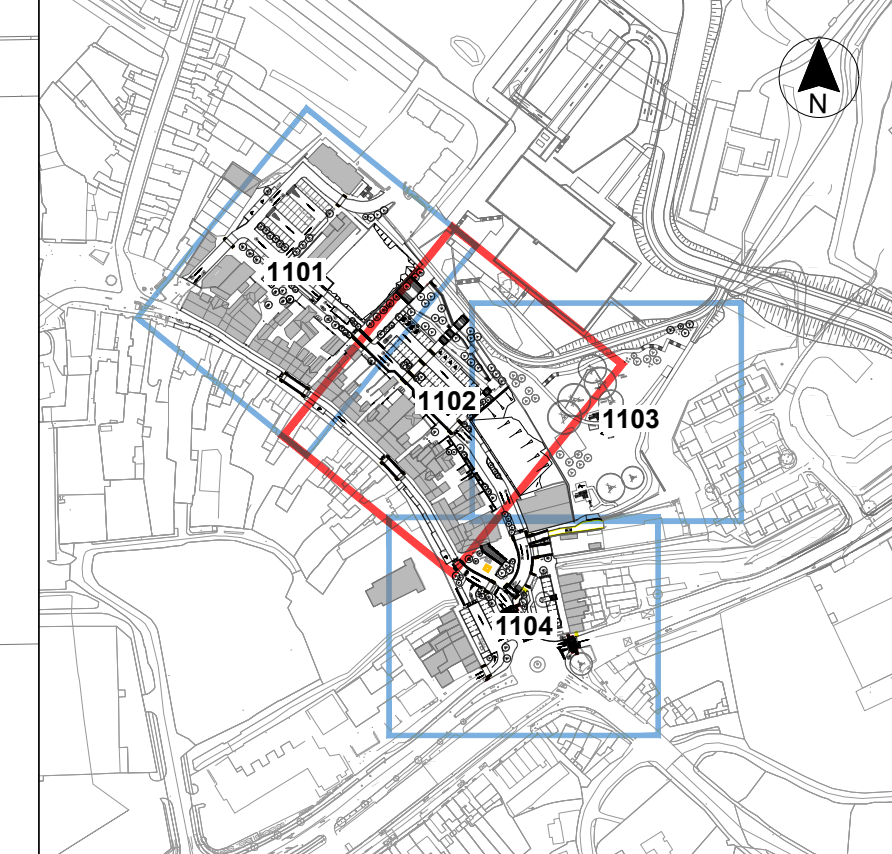
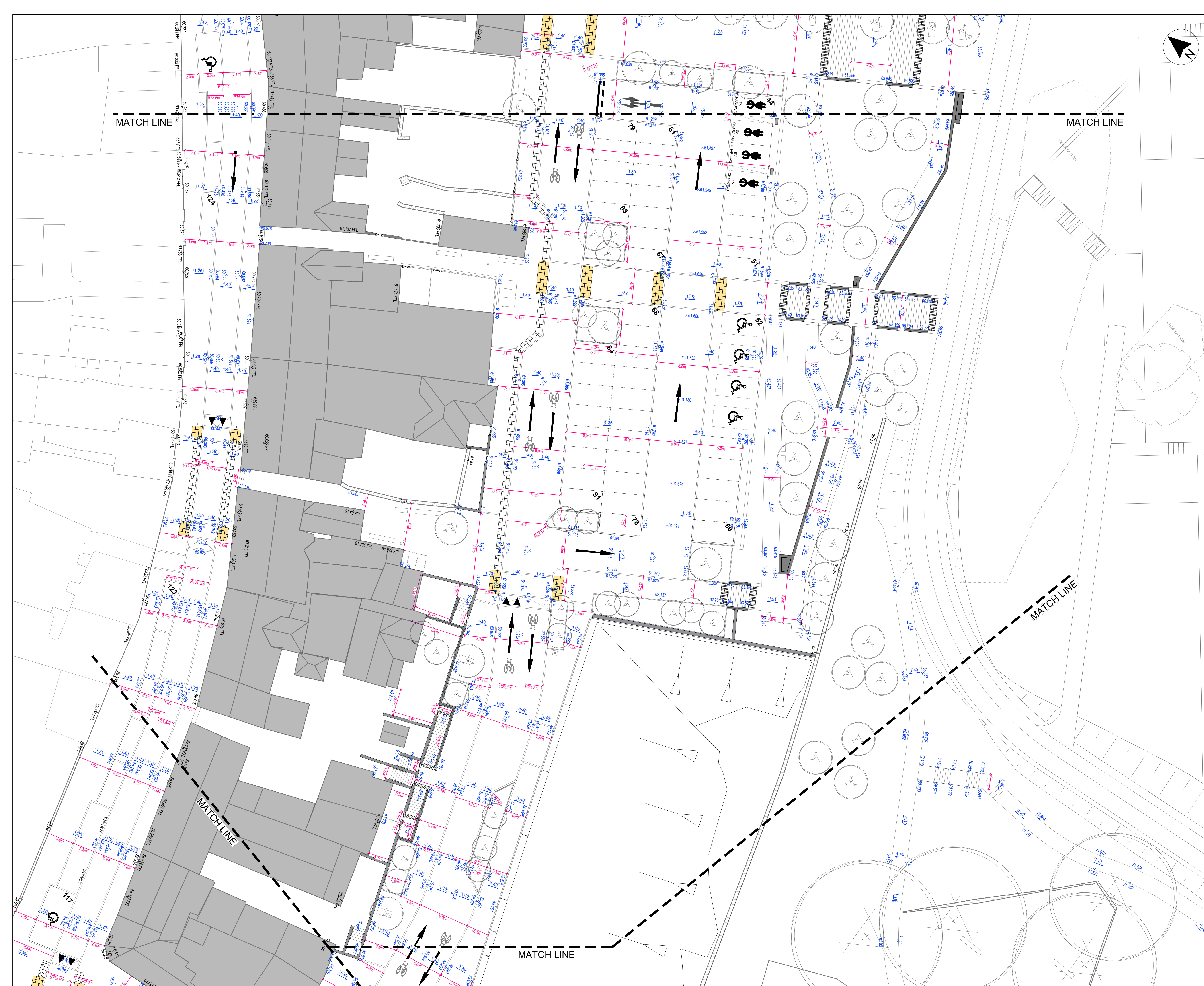
Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	- Organisation -	Zone	Level	Type	Role	Number	Revision
DSN	- MCA -	- ZZ -	- XX -	- DR -	- CE -	- 1101 -	- P03 -

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN
SCALE 1:4000

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*for kerb types see drawings DSN-MCA-ZZ-XX-DR-CE-1401 to -1404

Legend:

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Client

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Monaghan County Council

Project Status **STAGE 3 - PLANNING**

Project **NORTH DUBLIN ROAD & BACKLANDS REGENERATION PROJECT**

Drawing **PROPOSED CIVIL LAYOUT AND LEVELS SHEET 2**

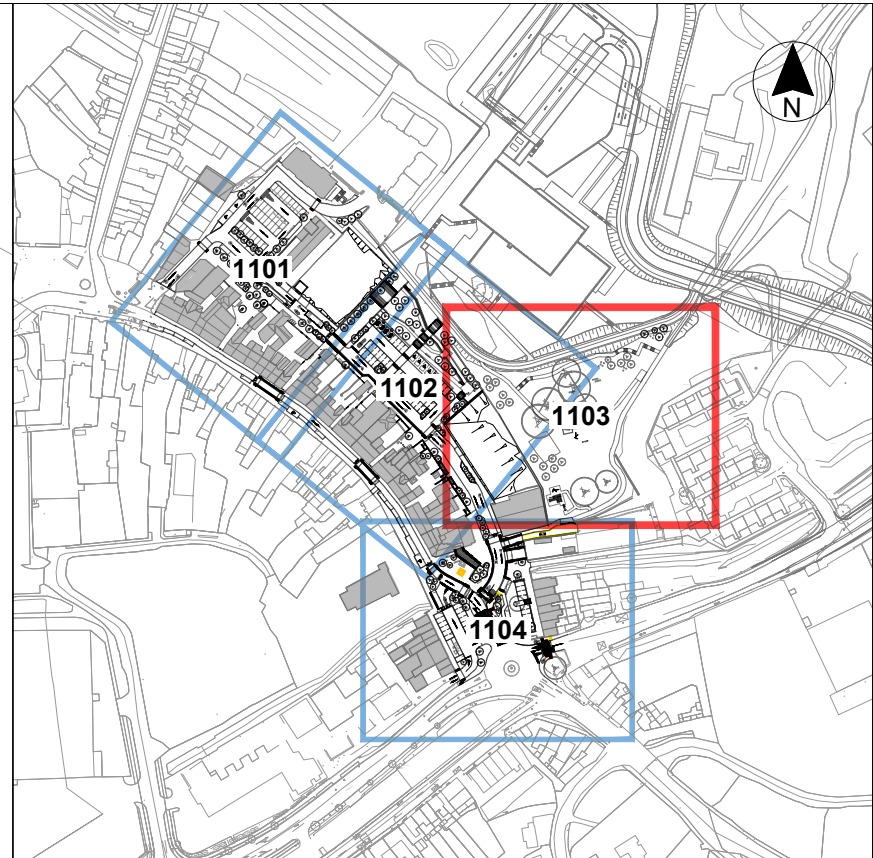
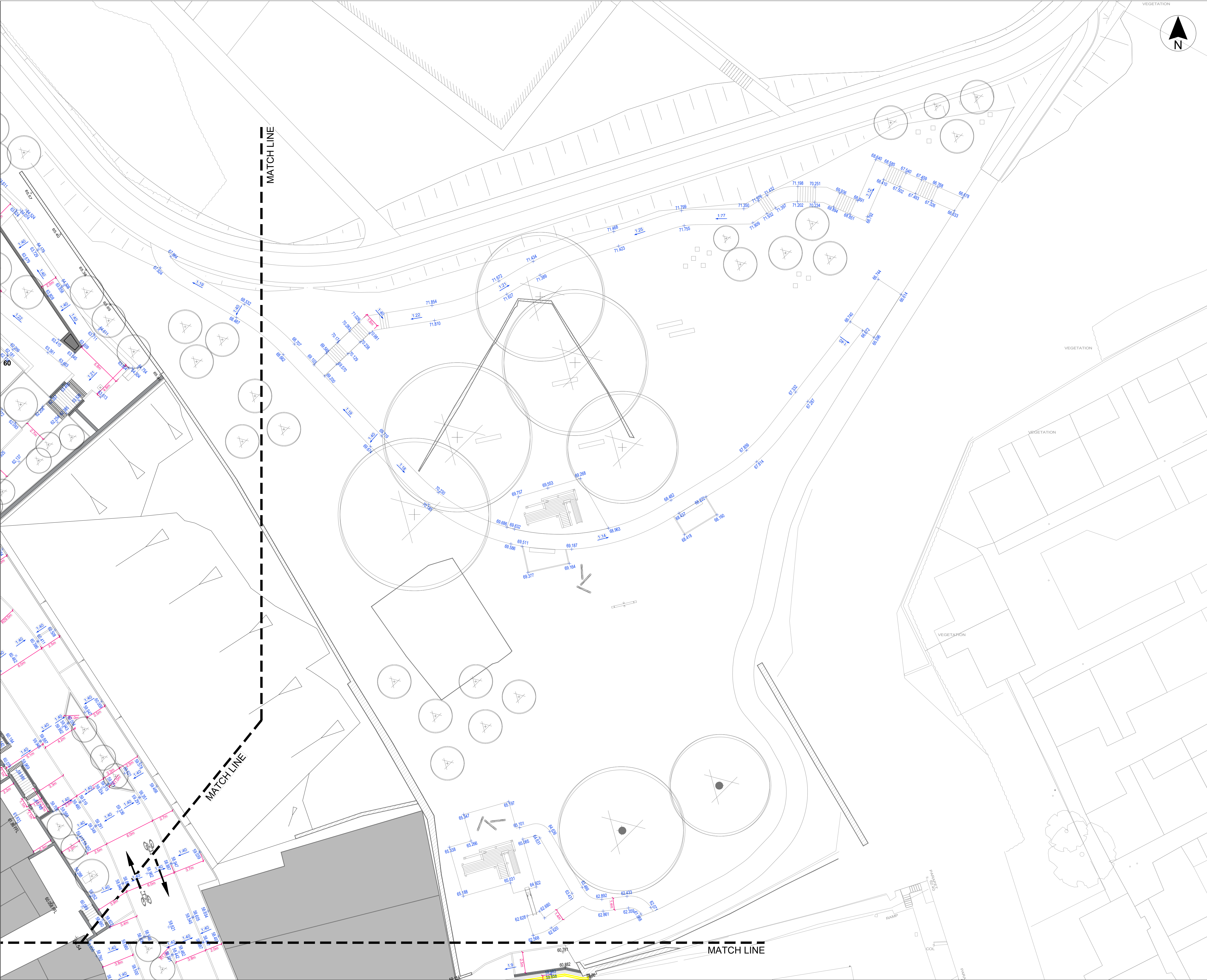
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	- Organisation	- Zone	- Level	- Type	- Role	- Number	- Revision
DSN	- MCA	- ZZ	- XX	- DR	- CE	- 1102	- P03

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN
SCALE 1:4000

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- *for kerb types see drawings DSN-MCA-ZZ-XX-DR-CE-1401 to -1404

Legend:

	Existing wall - retained
	Red blister tactile paving
	Hazard corduroy paving
	Traffic cushion
	New monument location

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Project Status **STAGE 3 - PLANNING**

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

Drawing **PROPOSED CIVIL LAYOUT AND LEVELS
SHEET 3**

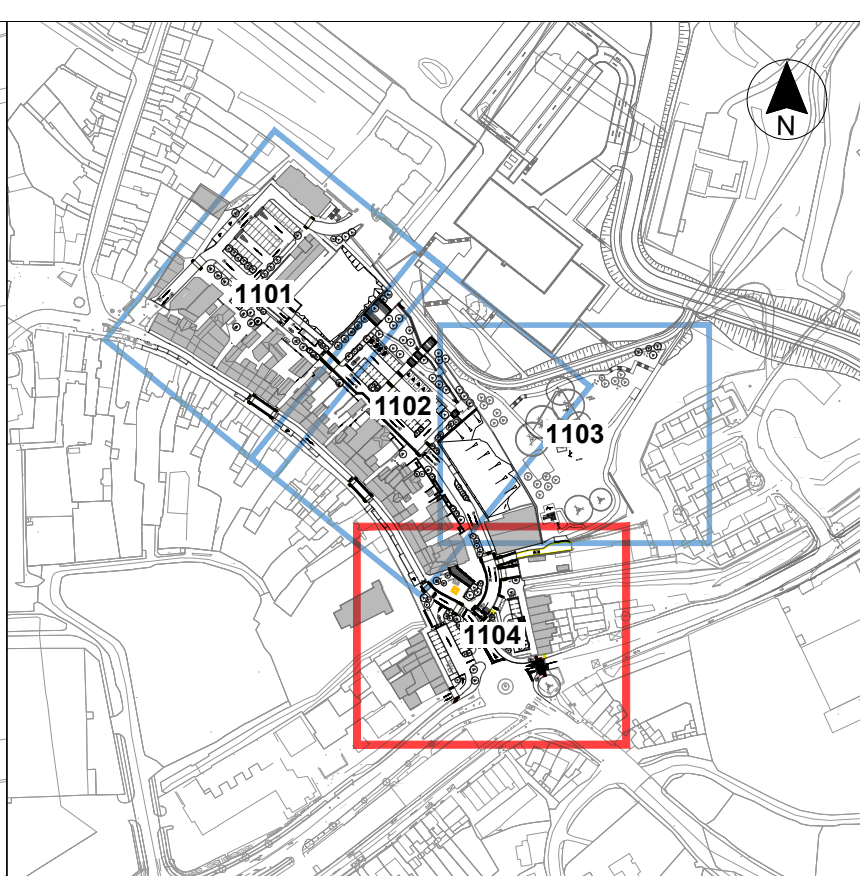
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	- Organisation - Zone - Level - Type - Role - Number	- Revision
DSN	- MCA - ZZ - XX - DR - CE - 1103	- P03

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN

SCALE 1:4000

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*for kerb types see drawings DSN-MCA-ZZ-XX-DR-CE-1401 to -1404

Legend:

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Project Status
STAGE 3 - PLANNING

Project
NORTH DUBLIN ROAD & BACK-LANDS REGENERATION PROJECT

Drawing
PROPOSED CIVIL LAYOUT AND LEVELS SHEET 4

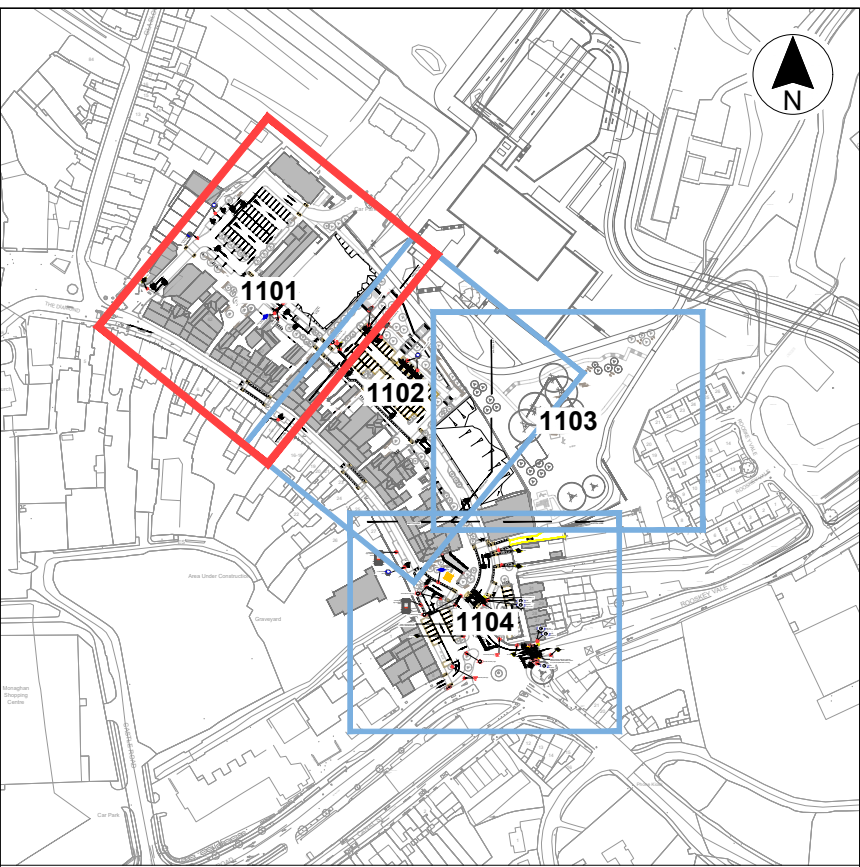
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Drawn	DSA	Checked	KOS	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	-ZZ	-XX	-DR	-CE	-1104	-P03

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KEY PLAN
SCALE 1:4000

- LEGEND**
- | | |
|--|--|
| | Blister Tactile Paving (buff - uncontrolled) |
| | Blister tactile paving (red - controlled) |
| | Cycle corduroy paving (buff coloured) |
| | Guidance path tactile paving (grey coloured) |
| | Traffic sign |
| | Belisha beacon |
| | M116 (TSM Ch. 7) |
| | M117 (TSM Ch. 7) |
| | M118 (TSM Ch. 7) |
| | M119 (TSM Ch. 7) |
| | Elephant's Feet (CDM 2023) |
| | RRM 018 (TSM Ch. 7) |
| | RRM 019 (TSM Ch. 7) |
| | RRM 007 (TSM Ch. 7) |
| | M115 (TSM Ch. 7) |
| | M114 (TSM Ch. 7) |
| | M106 (TSM Ch. 7) |
| | RRM030 (TSM Ch. 7) |
| | M106 (TSM Ch. 7) |
| | RRM034 (TSM Ch. 7) |
| | RRM015 (TSM Ch. 7) |

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P02	10.02.25	Updated for client approval	DSA
P01	04.02.25	First Issue for client approval	IA
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Project Manager, Civil & Structural Engineers

McAdam
ENHANCING LOCAL COMMUNITIES

1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects
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Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL
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Client

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Project Status
STAGE 3 - PLANNING
Project
**NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT**

Drawing
**PROPOSED WHITELINING & ROAD SIGNS
SHEET 1**

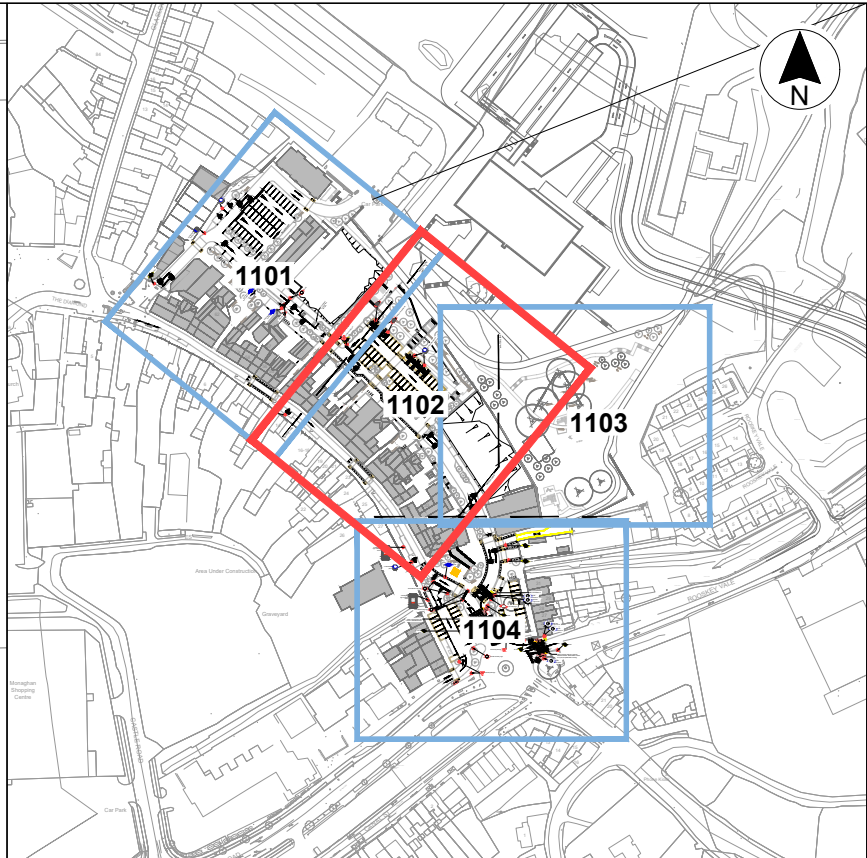
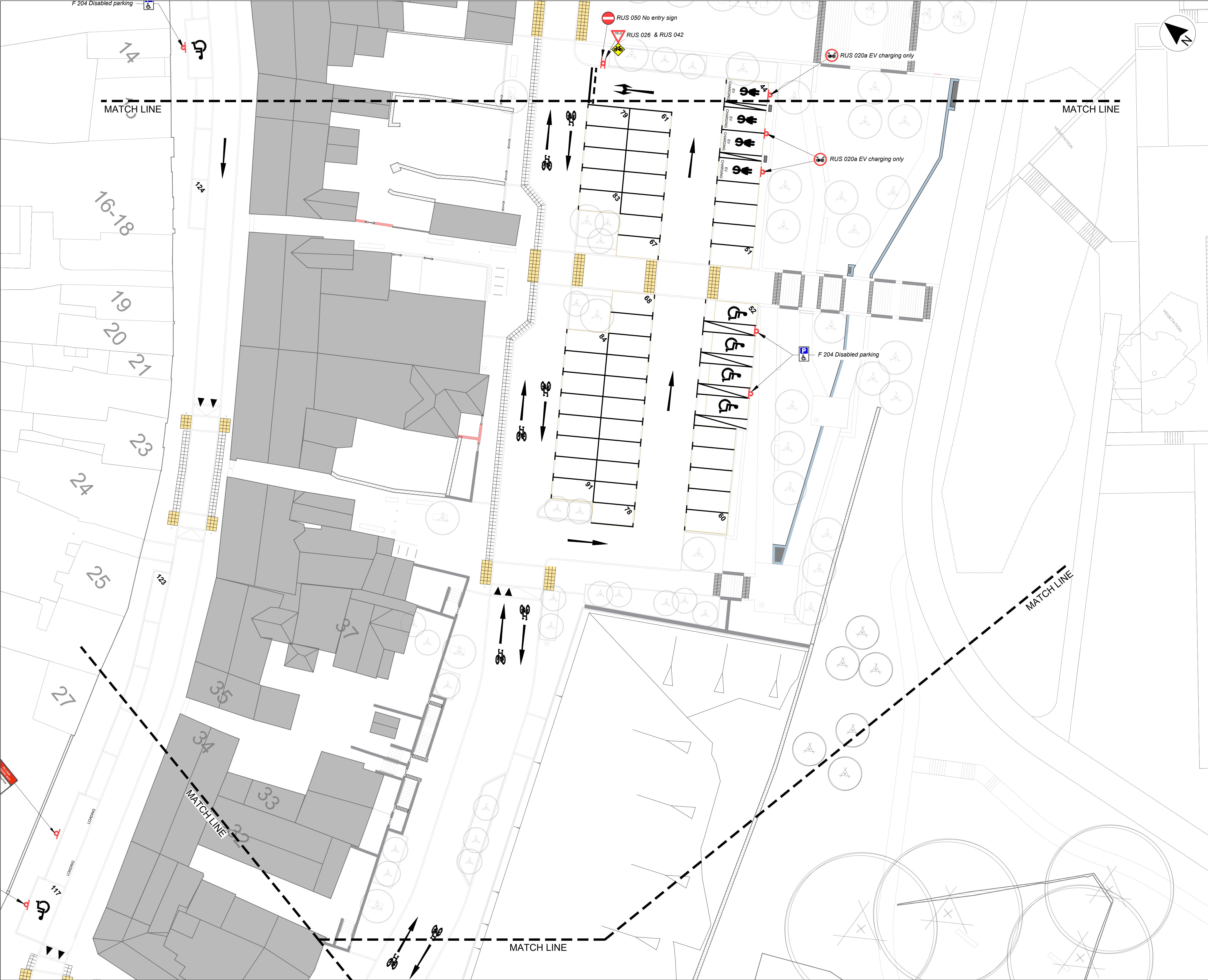
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IA
Date
04.02.25
Checked
DSA
Date
04.02.25
Approved
KOS
Date
04.02.25

Project
DSN
Organisation - Zone - Level - Type - Role - Number - Revision
MCA - ZZ - XX - DR - CE - 1501 - P03

Project Number
E2442
Status code & Description
S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND			
	Blister Tactile Paving (buff - uncontrolled)		
	Blister tactile paving (red - controlled)		
	Cycle corduroy paving (buff coloured)		
	Guidance path tactile paving (grey coloured)		
	Traffic sign		
	Belisha beacon		
	M116 (TSM Ch. 7)		M115 (TSM Ch. 7)
	M117 (TSM Ch. 7)		M114 (TSM Ch. 7)
	M118 (TSM Ch. 7)		M106 (TSM Ch. 7)
	M119 (TSM Ch. 7)		RRM030 (TSM Ch. 7)
	Elephant's Feet (CDM 2023)		M106 (TSM Ch. 7)
	RRM 018 (TSM Ch. 7)		RRM034 (TSM Ch. 7)
	RRM 019 (TSM Ch. 7)		RRM015 (TSM Ch. 7)
	RRM 007 (TSM Ch. 7)		

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P03	07.04.25	Changes for planning issue	DSA
P02	10.02.25	Updated for client approval	DSA
P01	04.02.25	First issue for client approval	IA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers



McAdam
ENHANCING LOCAL COMMUNITIES

1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects



open
optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL

T: 0131 221 5920
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Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing
PROPOSED WHITELINING & ROAD SIGNS
SHEET 2

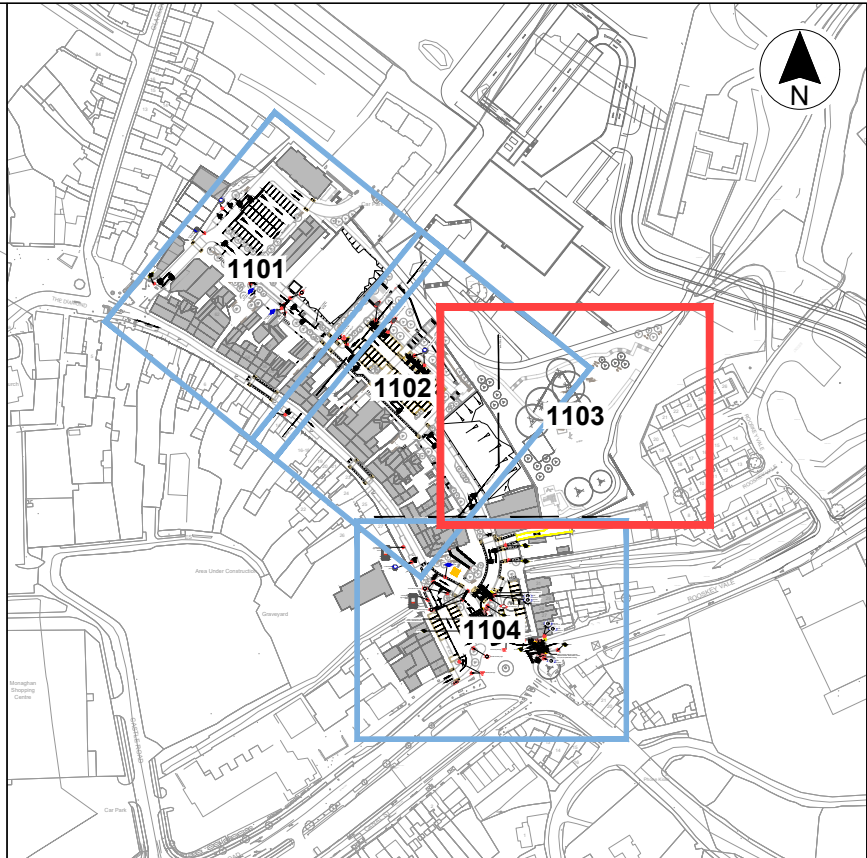
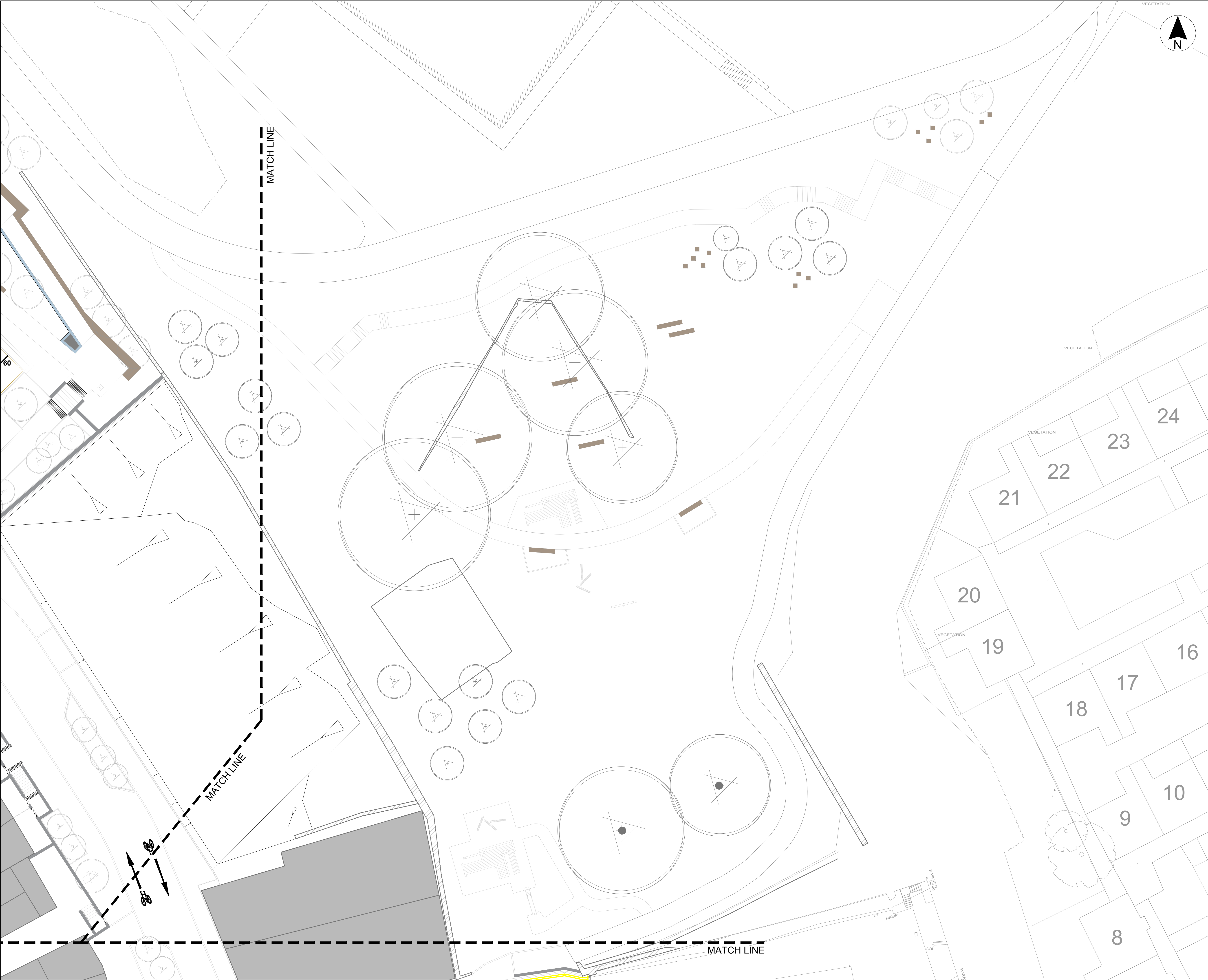
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Drawn	IA	Checked	DSA	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	DSN	Organisation	Zone	Level	Type	Role	Number	Revision
		MCA	ZZ	XX	DR	CE	1502	P03

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND	
	Blister Tactile Paving (buff - uncontrolled)
	Blister tactile paving (red - controlled)
	Cycle corduroy paving (buff coloured)
	Guidance path tactile paving (grey coloured)
	Traffic sign
	Belisha beacon
	M116 (TSM Ch. 7)
	M117 (TSM Ch. 7)
	M118 (TSM Ch. 7)
	M119 (TSM Ch. 7)
	Elephant's Feet (CDM 2023)
	RRM 018 (TSM Ch. 7)
	RRM 019 (TSM Ch. 7)
	RRM 007 (TSM Ch. 7)
	M115 (TSM Ch. 7)
	M114 (TSM Ch. 7)
	M106 (TSM Ch. 7)
	RRM030 (TSM Ch. 7)
	M106 (TSM Ch. 7)
	RRM034 (TSM Ch. 7)
	RRM015 (TSM Ch. 7)

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P01	04.02.25	First issue for client approval	IA
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Project Manager, Civil & Structural Engineers

McAdam
ENHANCING LOCAL COMMUNITIES

1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects

open
optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL

T: 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client

Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status

STAGE 3 - PLANNING

Project

NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing

PROPOSED WHITELINING & ROAD SIGNS
SHEET 3

Scale

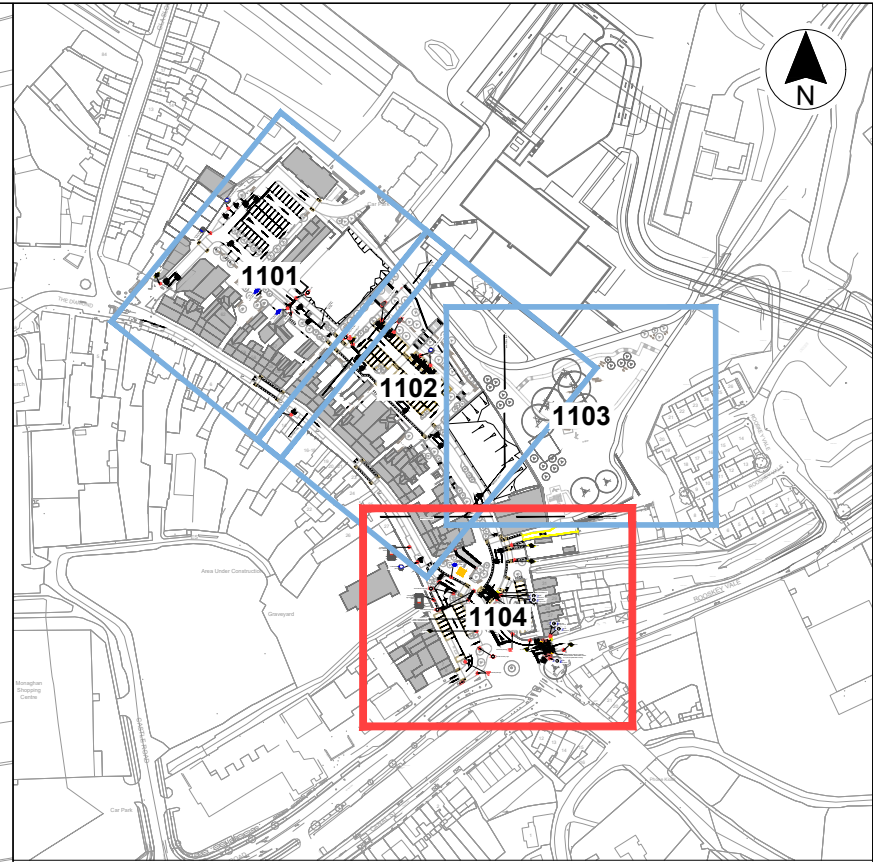
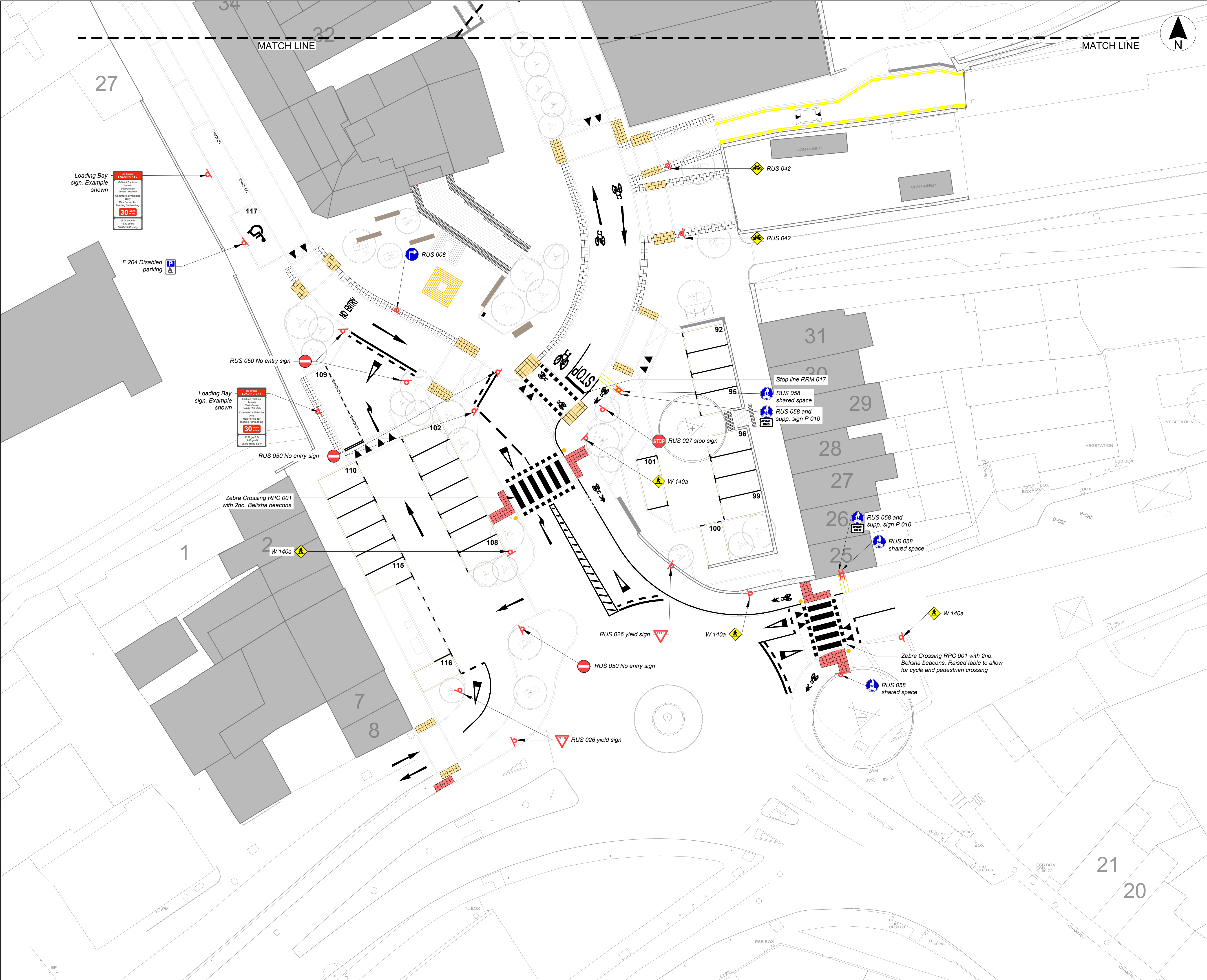
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Drawn	IA	Checked	DSA	Approved	KOS
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DSN	MCA	ZZ	XX	DR	CE	1503	P03

Project Number	Status code & Description
E2442	S2 For Information

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KEY PLAN
SCALE 1:4000

LEGEND	
	Blister Tactile Paving (buff - uncontrolled)
	Blister tactile paving (red - controlled)
	Cycle corduroy paving (buff coloured)
	Guidance path tactile paving (grey coloured)
	Traffic sign
	Belisha beacon
	M116 (TSM Ch. 7)
	M117 (TSM Ch. 7)
	M118 (TSM Ch. 7)
	M119 (TSM Ch. 7)
	Elephant's Feet (CDM 2023)
	RRM 018 (TSM Ch. 7)
	RRM 019 (TSM Ch. 7)
	RRM 007 (TSM Ch. 7)
	M115 (TSM Ch. 7)
	M114 (TSM Ch. 7)
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	M106 (TSM Ch. 7)
	RRM034 (TSM Ch. 7)
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P02	10.02.25	Updated for client approval	DSA
P01	04.02.25	First issue for client approval	IA

Project Manager, Civil & Structural Engineers

McAdam
ENHANCING LOCAL COMMUNITIES
1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

open
optimised environments
Landscape Architects
Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL
T: 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

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Monaghan County Council

Project Status
STAGE 3 - PLANNING

Project
NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing
PROPOSED WHITELINING & ROAD SIGNS
SHEET 4

Scale
1:200 @ A1

Drawn	IA	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	1504	P03

Project Number	Status code & Description
E2442	S2 For Information

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LEGEND

Site Boundary

Visibility Splay

Stopping Sight Distance

Forward Sight Visibility

DESIGN STANDARDS - DUBLIN STREET (DMURS)

Design Speed = 50km/hr

Stopping Sight Distance = 45m
Visibility Splay X = 2.4m
Y = 45m

Forward Sight Distance @ 50km/h = 45m

DESIGN STANDARDS - RUSSELL ROW & JUNCTION (DMURS)

Design Speed = 30km/hr

Stopping Sight Distance = 23m
Visibility Splay X = 2.4m
Y = 23m

Forward Sight Distance @ 30km/h = 23m

DESIGN STANDARDS - ACCESSES ON TO RUSSELL ROW & OLD CROSS SQUARE SHOPPING AREA (DMURS)

Design Speed = 30km/hr

Visibility Splay X = 2.4m
Y = 23m

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Rev	Date	Description	App
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McAdam
ENHANCING LOCAL COMMUNITIES
1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

open
optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lieter Square
Edinburgh, EH3 9GL
T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

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Monaghan County Council

Project Status

STAGE 3 - PLANNING

Project

NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing

ROAD VISIBILITY PLAN

Scale

1:500 @ A1

Drawn	IA	Checked	DSA	Approved	KO'S
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DBRN	MCA	ZZ	XX	DR	CE	1511	P03

Project Number

E2442

Status code & Description

S2 For Information

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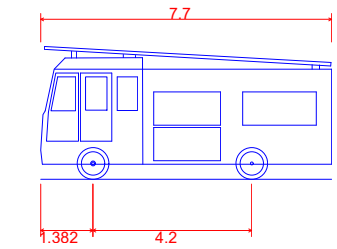


LEGEND

Vehicle footprint

Path of wheels

Path of Chassis inc overhangs



Dennis Sabre Fire Tender (LWB)
Overall Length 7.700m
Overall Width 2.430m
Overall Body Height 3.512m
Min Body Ground Clearance 0.397m
Track Width 2.380m
Lock to lock time 5.00s
Kerb to Kerb Turning Radius 7.400m

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

Project Manager, Civil & Structural Engineers



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects

open

optimised environments

T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client

Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status: **STAGE 3 - PLANNING**

Project: **NORTH DUBLIN ROAD & BACKLANDS REGENERATION PROJECT**

Drawing: **PROPOSED VEHICLE TRACKING FIRE TENDER**

Scale: **1:500 @ A1**

Drawn	IA	Checked	DSA	Approved	KO'S
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
DBRN	MCA	ZZ	XX	DR	CE	1711	P02

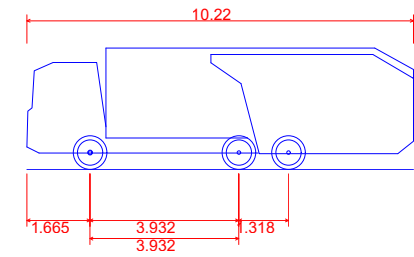
Project Number	Status code & Description
E2442	S2 For Information

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LEGEND

- Vehicle footprint
- Path of wheels
- Path of Chassis inc overhangs



Phoenix 2-20W (with Elite 2 6x2 RS chassis)
Overall Length 10.220m
Overall Width 2.530m
Overall Body Height 3.211m
Min Body Ground Clearance 0.416m
Track Width 2.530m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 6.800m

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P01	04.02.25	First issue for client review	IA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects



Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL

optimised environments

T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client



Project Status STAGE 3 - PLANNING

Project NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing PROPOSED VEHICLE TRACKING
REFUSE VEHICLE

Scale 1:500 @ A1

Drawn	IA	Checked	DSA	Approved	KO'S
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	DBRN	Organisation	MCA	Zone	ZZ	Level	XX	Type	DR	Role	CE	Number	1712	Revision	P02
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Project Number	E2442	Status code & Description	S2 For Information
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LEGEND

Vehicle footprint

Path of wheels

Path of Chassis inc overhangs

11.505

2.5

6.367

Single Deck City Bus

Overall Length

Overall Width

Overall Body Height

Min Body Ground Clearance

Track Width

Lock to lock time

Kerb to Kerb Turning Radius

2.445m

3.000m

0.309m

2.425m

1.00s

10.250m

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P02	08.04.25	Changes for planning issue	DSA
P01	04.02.25	First issue for client review	IA

Rev

Date

Description

App

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McAdam

ENHANCING LOCAL COMMUNITIES

16 Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

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Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL
T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client

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Monaghan County Council

Project Status

STAGE 3 - PLANNING

Project

NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing

PROPOSED VEHICLE TRACKING
BUS

Scale

1:500 @ A1

Drawn

IA

Checked

DSA

Approved

KO'S

Date

04.02.25

Date

04.02.25

Date

04.02.25

Project

DBRN

Organisation

MCA

Zone

ZZ

Level

XX

Type

DR

Role

CE

Number

1713

Revision

P02

Project Number

E2442



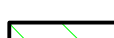
Status code & Description

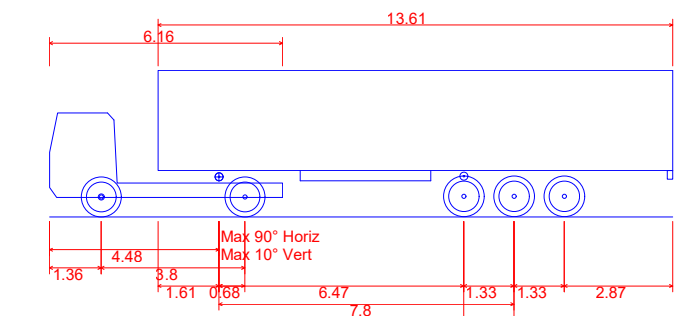
S2 For Information

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LEGEND

-  Vehicle footprint
-  Path of wheels
-  Path of Chassis inc overhangs



FTA Design Articulated Vehicle (2016)
Overall Length 16.480m
Overall Width 2.550m
Overall Body Height 3.870m
Min Body Ground Clearance 0.515m
Max Track Width 2.470m
Lock to lock time 3.00s
Kerb to Kerb Turning Radius 6.600m

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P01	04.02.25	First issue for client review	IA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects



optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lieter Square
Edinburgh, EH3 9GL
T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk



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Project Status STAGE 3 - PLANNING
Project NORTH DUBLIN ROAD & BACK-
LANDS REGENERATION PROJECT

Drawing PROPOSED VEHICLE TRACKING
ARTICULATED LORRY

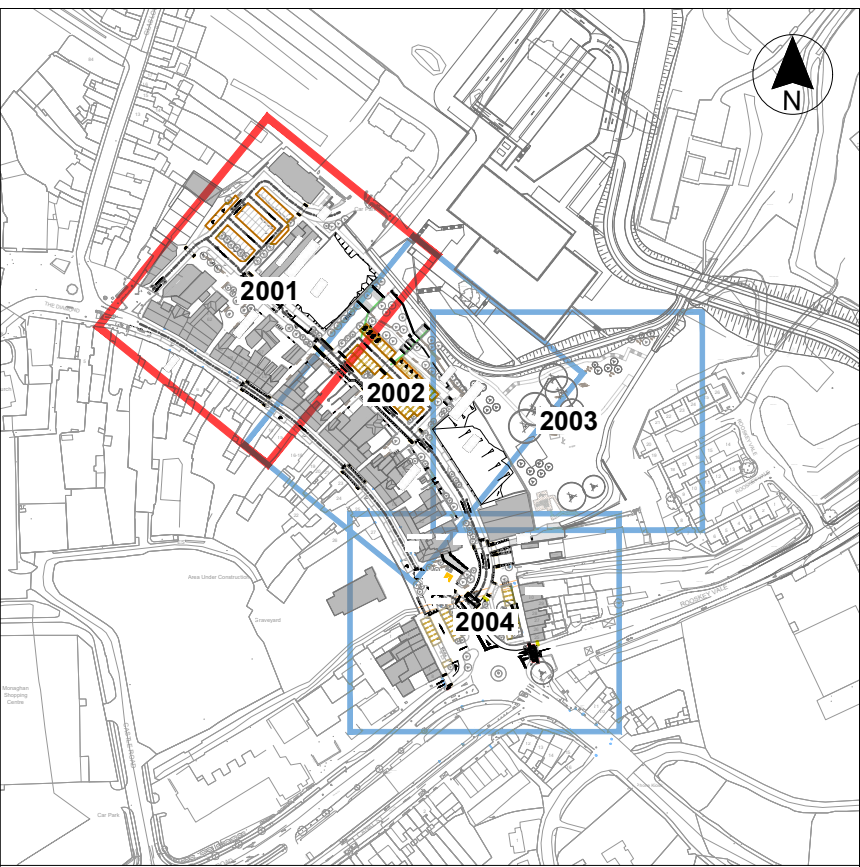
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Drawn	IA	Checked	DSA	Approved	KO'S
Date	04.02.25	Date	04.02.25	Date	04.02.25

Project	DBRN	Organisation	MCA	Zone	ZZ	Level	XX	Type	DR	Role	CE	Number	1714	Revision	P02
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Project Number	E2442	Status code & Description	S2 For Information
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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	
	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

McAdam
ENHANCING LOCAL COMMUNITIES
1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

open
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Landscape Architects
Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL
T: 0131 221 5920
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Monaghan County Council

Project Status: **STAGE 3 - PLANNING**
Project: **DUBLIN ROAD NORTH**

Drawing: **PROPOSED DRAINAGE PLANS SHEET 1**

Scale: **1:200 @ A1**

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

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

Project Number: **E2442**
Status code & Description: **S2 For Information**

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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)

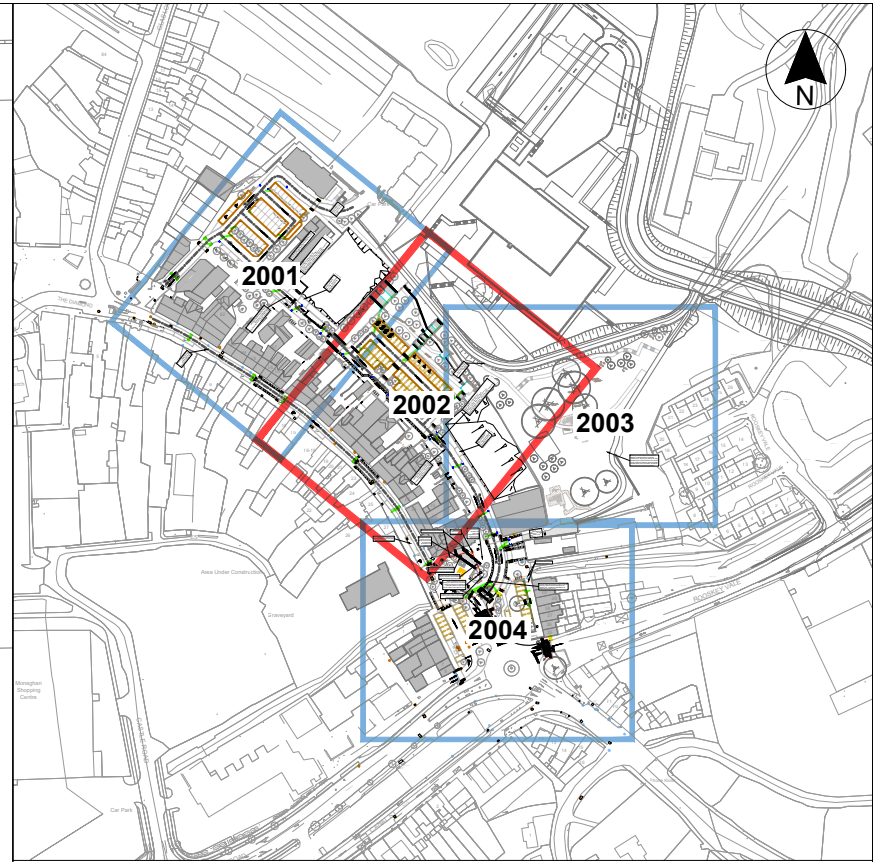
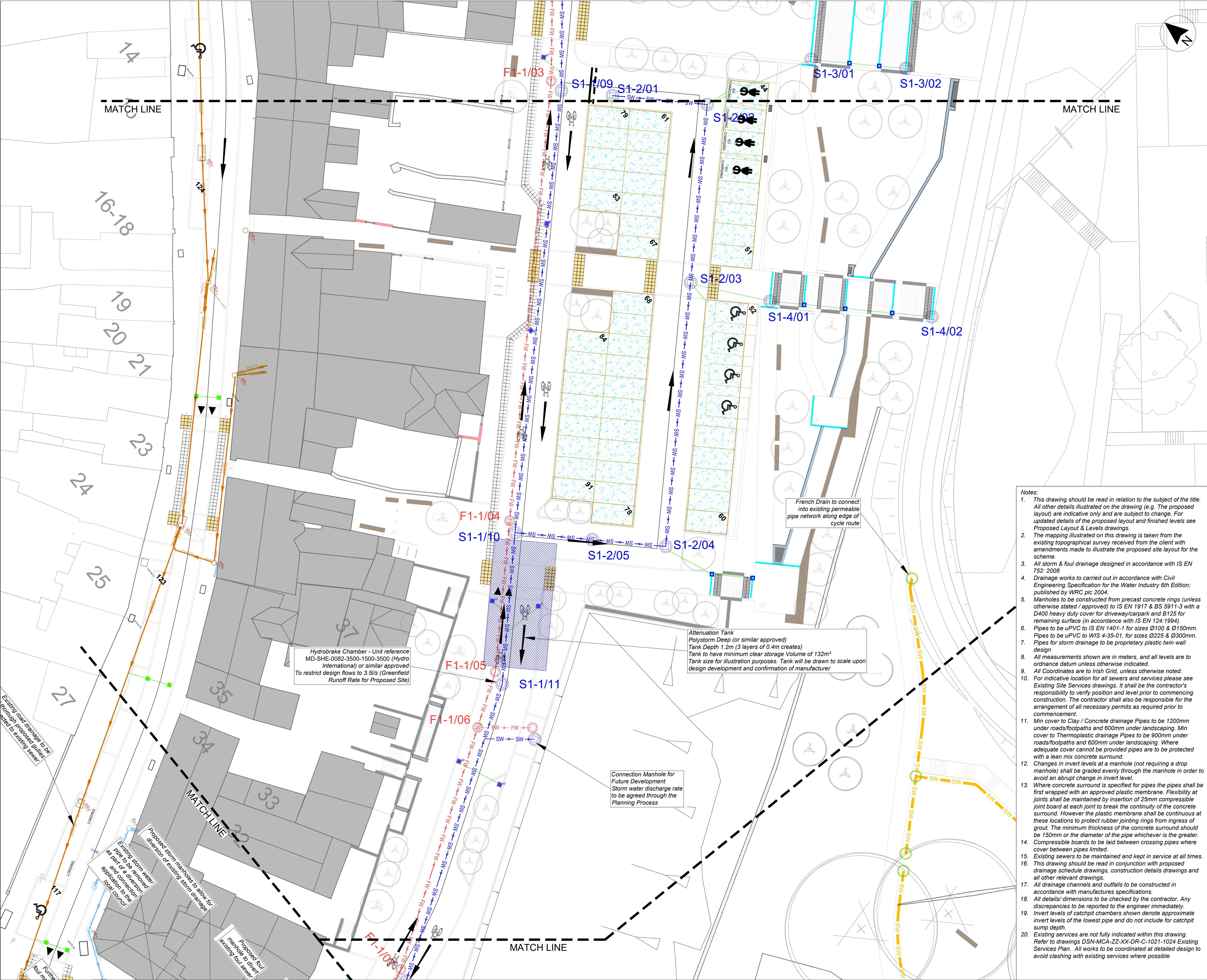
Attenuation Tank
Polystorm Deep (or similar approved)
Tank Depth 0.8m (2 layers of 0.4m creates)
Tank to have minimum clear storage Volume of 24m³
Tank size for illustration purposes. Tank will be drawn to scale upon design development and confirmation of manufacturer

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

Existing Building Foul and Storm Drainage to be retained. Locations of discharge pipeline to be investigated to avoid clashes with proposed infrastructure

Existing Gullies on existing road to be retained in this area. (Not shown on this drawing.)

- Notes:
- This drawing should be read in relation to the subject of the title. All other details illustrated on the drawing (e.g. The proposed layout) are indicative only and are subject to change. For updated details of the proposed layout and finished levels see Proposed Layout & Levels drawings.
 - The mapping illustrated on this drawing is taken from the existing topographical survey received from the client with amendments made to illustrate the proposed site layout for the scheme.
 - All storm & foul drainage designed in accordance with IS EN 752: 2008
 - Drainage works to be carried out in accordance with Civil Engineering Specification for the Water Industry 6th Edition; published by WRC plc 2004.
 - Manholes to be constructed from precast concrete rings (unless otherwise stated / approved) to IS EN 1917 & BS 5911-3 with a D400 heavy duty cover for driveway/carpark and B125 for remaining surface (in accordance with IS EN 124:1994).
 - Pipes to be uPVC to IS EN 1401-1 for sizes Ø100 & Ø150mm. Pipes to be uPVC to WIS 4-35-01, for sizes Ø225 & Ø300mm.
 - Pipes for storm drainage to be proprietary plastic twin wall design
 - 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.
 - For indicative location for all sewers and services please see Existing Site Services drawings. It shall be the contractor's responsibility to verify position and level prior to commencing construction. The contractor shall also be responsible for the arrangement of all necessary permits as required prior to commencement.
 - Min cover to Clay / Concrete drainage Pipes to be 1200mm under roads/footpaths and 600mm under landscaping. Min cover to Thermoplastic drainage Pipes to be 900mm under roads/footpaths and 600mm under landscaping. Where adequate cover cannot be provided pipes are to be protected with a lean mix concrete surround.
 - Changes in invert levels at a manhole (not requiring a drop manhole) shall be graded evenly through the manhole in order to avoid an abrupt change in invert level.
 - Where concrete surround is specified for pipes the pipes shall be first wrapped with an approved plastic membrane. Flexibility at joints shall be maintained by insertion of 25mm compressible joint board at each joint to break the continuity of the concrete surround. However the plastic membrane shall be continuous at these locations to protect rubber jointing rings from ingress of grout. The minimum thickness of the concrete surround should be 150mm or the diameter of the pipe whichever is the greater. Compressible boards to be laid between crossing pipes where cover between pipes limited.
 - Existing sewers to be maintained and kept in service at all times.
 - This drawing should be read in conjunction with proposed drainage schedule drawings, construction details drawings and all other relevant drawings.
 - 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
	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

- Notes:
- This drawing should be read in relation to the subject of the title. All other details illustrated on the drawing (e.g. The proposed layout) are indicative only and are subject to change. For updated details of the proposed layout and finished levels see Proposed Layout & Levels drawings.
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 - All storm & foul drainage designed in accordance with IS EN 752: 2008
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 - Manholes to be constructed from precast concrete rings (unless otherwise stated / approved) to IS EN 1917 & BS 5911-3 with a D400 heavy duty cover for driveway/carpark and B125 for remaining surface (in accordance with IS EN 124:1994).
 - Pipes to be uPVC to IS EN 1401-1 for sizes Ø100 & Ø150mm. Pipes to be uPVC to WIS 4-35-01, for sizes Ø225 & Ø300mm.
 - Pipes for storm drainage to be proprietary plastic twin wall design
 - 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.
 - For indicative location for all sewers and services please see Existing Site Services drawings. It shall be the contractor's responsibility to verify position and level prior to commencing construction. The contractor shall also be responsible for the arrangement of all necessary permits as required prior to commencement.
 - Min cover to Clay / Concrete drainage Pipes to be 1200mm under roads/footpaths and 600mm under landscaping. Min cover to Thermoplastic drainage Pipes to be 900mm under roads/footpaths and 600mm under landscaping. Where adequate cover cannot be provided pipes are to be protected with a lean mix concrete surround.
 - Changes in invert levels at a manhole (not requiring a drop manhole) shall be graded evenly through the manhole in order to avoid an abrupt change in invert level.
 - Where concrete surround is specified for pipes the pipes shall be first wrapped with an approved plastic membrane. Flexibility at joints shall be maintained by insertion of 25mm compressible joint board at each joint to break the continuity of the concrete surround. However the plastic membrane shall be continuous at these locations to protect rubber jointing rings from ingress of grout. The minimum thickness of the concrete surround should be 150mm or the diameter of the pipe whichever is the greater.
 - Compressible boards to be laid between crossing pipes where cover between pipes limited.
 - Existing sewers to be maintained and kept in service at all times.
 - This drawing should be read in conjunction with proposed drainage schedule drawings, construction details drawings and all other relevant drawings.
 - 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

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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

Rev	Date	Description	App

Project Manager, Civil & Structural Engineers

McAdam
ENHANCING LOCAL COMMUNITIES
1ic Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

open
optimised environments
Landscape Architects
Optimised Environments Ltd
Quatermile two, 2 Lister Square
Edinburgh, EH3 9GL
T: 0131 221 5920
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 2

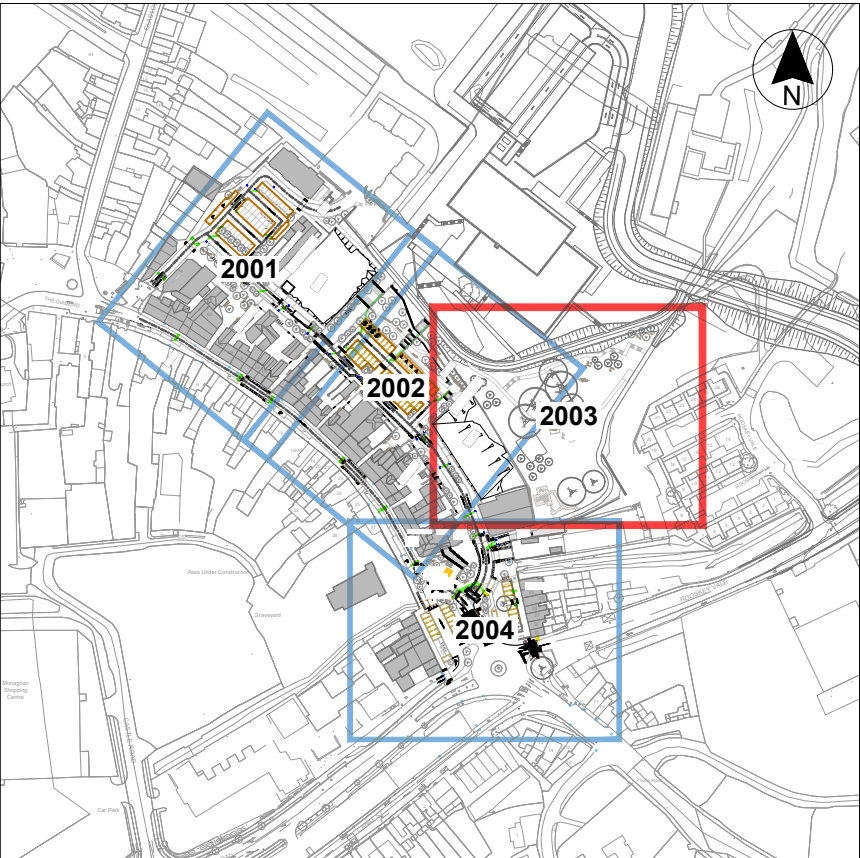
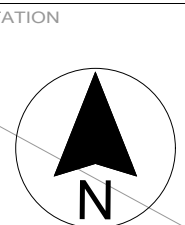
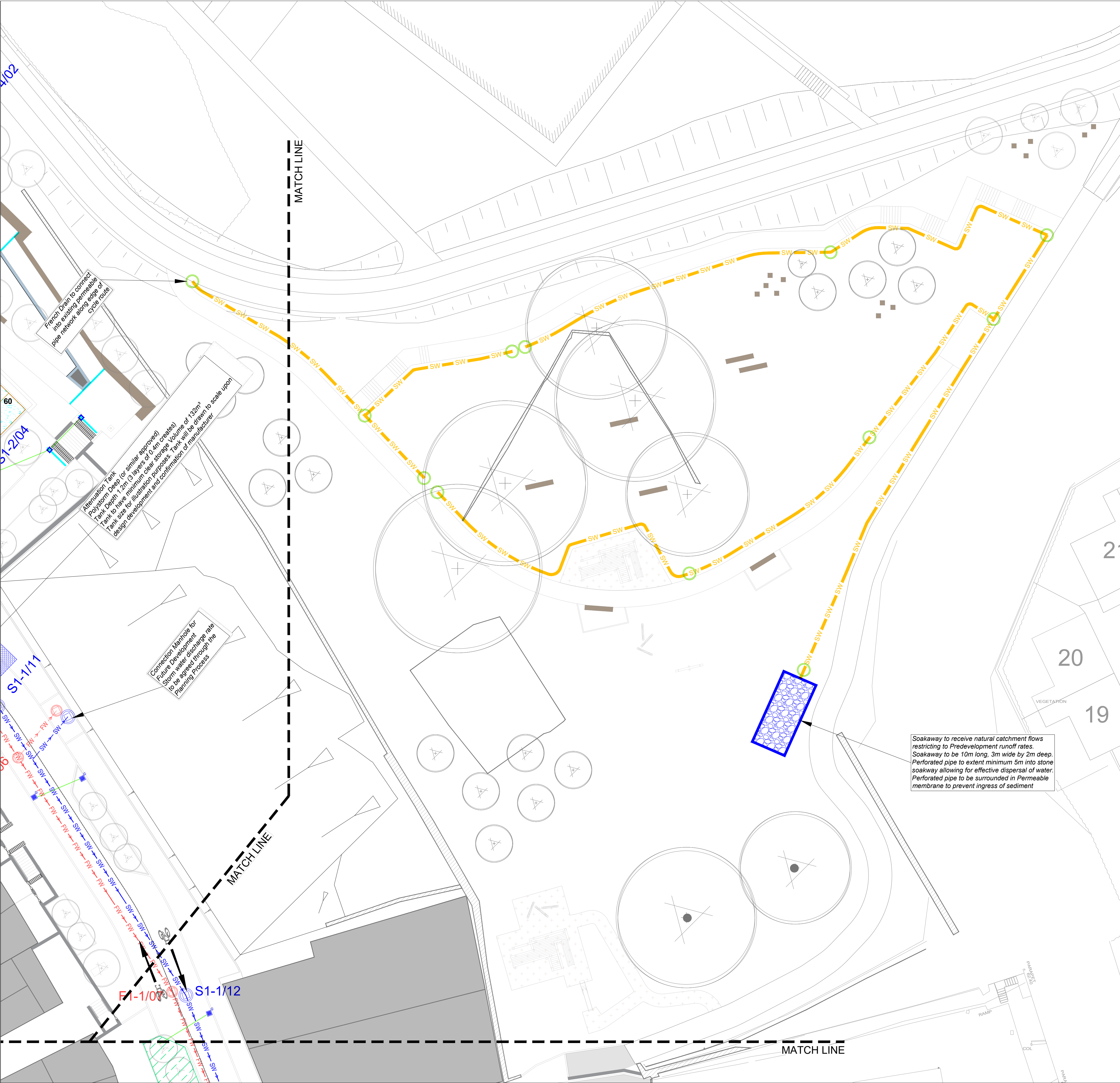
Scale: **1:500 @ A1**

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: **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.



KEY PLAN
SCALE 1:4000

LEGEND	
	EXISTING STORM SEWER
	EXISTING FOUL SEWER
	PROPOSED STORM SEWER
	PROPOSED FOUL SEWER
	PROPOSED FRENCH DRAIN
	PROPOSED CHANNEL DRAINAGE
	Fxxx
	Sxxx
	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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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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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

Rev	Date	Description	App

Project Manager, Civil & Structural Engineers

McAdam
ENHANCING LOCAL COMMUNITIES
1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ
T: 028 9040 2000
E: admin@mcadamdesign.co.uk
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open
optimised environments
Optimised Environments Ltd
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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

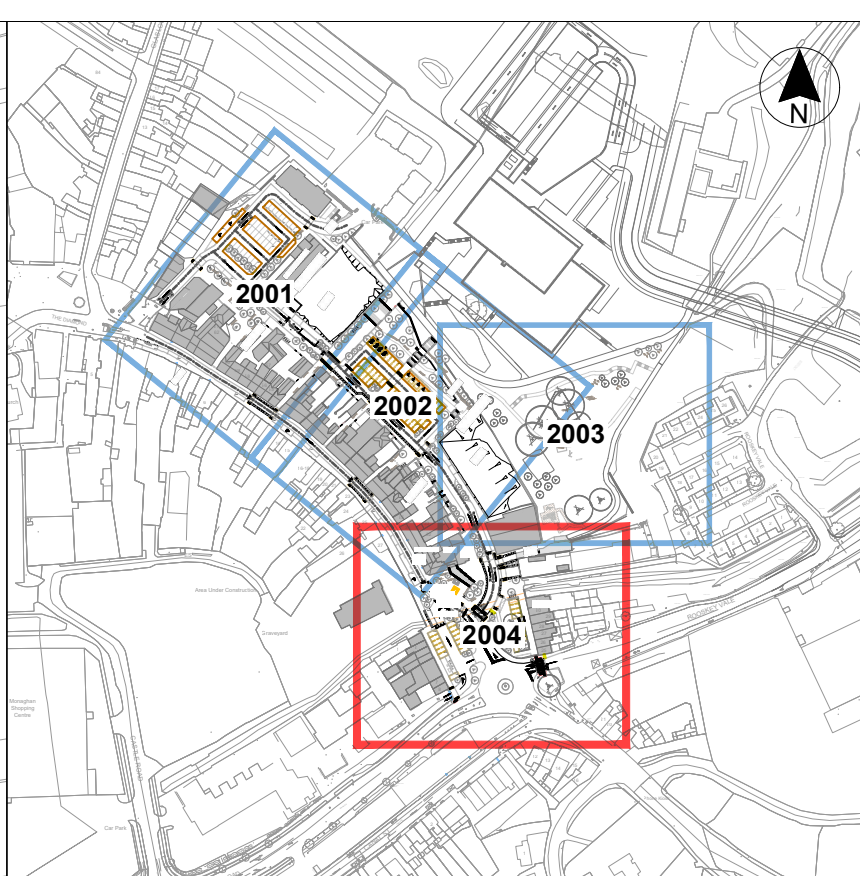
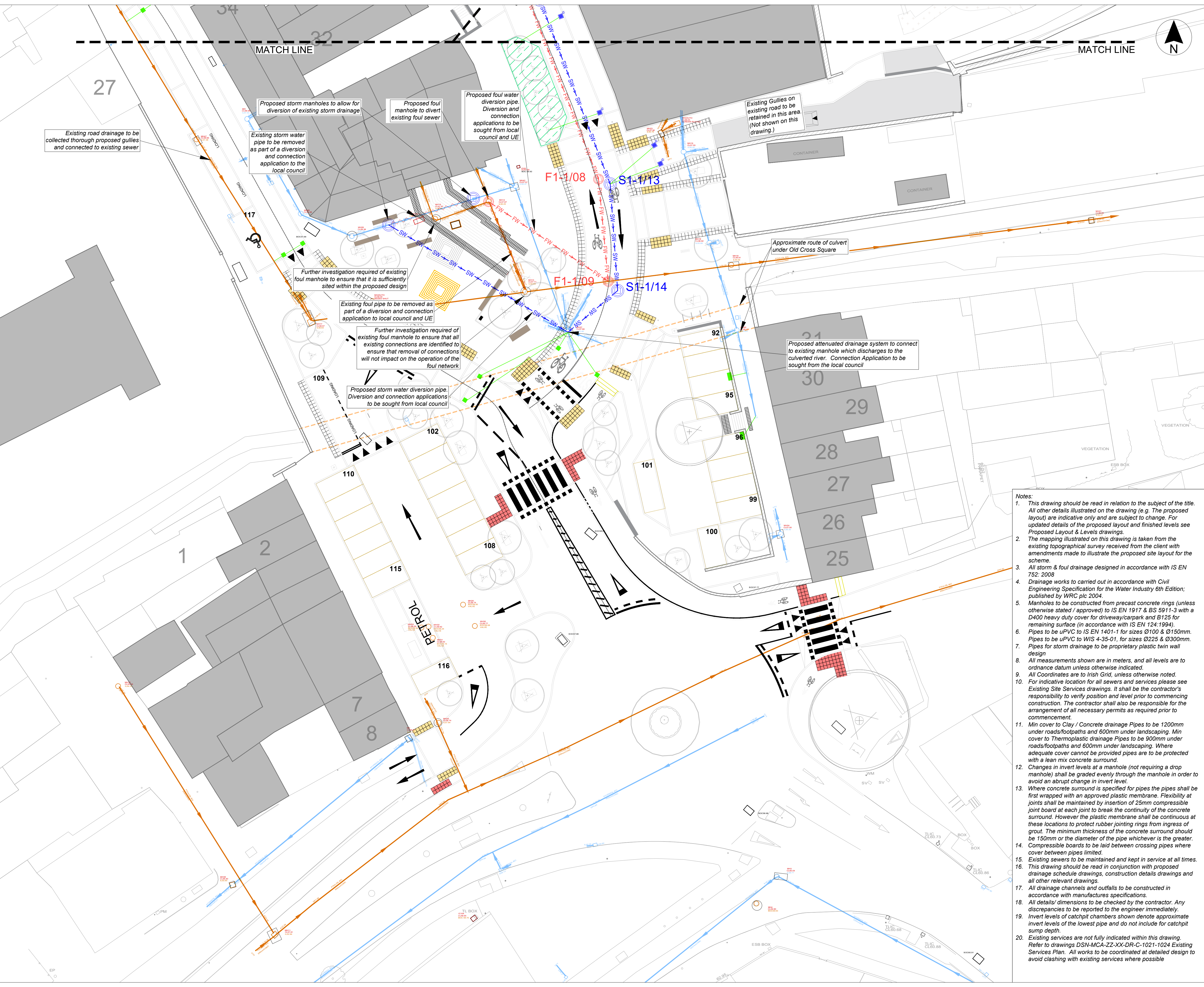
Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25

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
- PROPOSED FRENCH DRAIN
- PROPOSED CHANNEL DRAINAGE
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- 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
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- ATTENUATION TANK / PETROL INTERCEPTOR (REFER TO NOTES)
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Project Manager, Civil & Structural Engineers

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E: admin@mcadamdesign.co.uk
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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

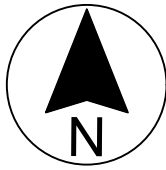
Drawn	PMcM	Checked	PA	Approved	KOS
Date	07.02.25	Date	07.02.25	Date	07.02.25

Project	Organisation	Zone	Level	Type	Role	Number	Revision
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.



NOTES:
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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
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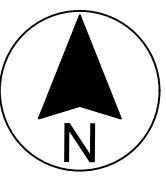
WORK PACKAGE:
M&E DESIGN

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:
PO5



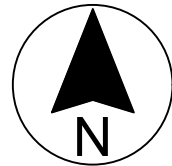
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- LEGEND
- PUBLIC LIGHTING MID
PILLAR/LIGHTING SECTION PILLAR
 - 81W 4000K LED LANTERN MOUNTED ON
8METRE COLUMN
CODE: Sephora Pendant-16LED-A1-450mA
UMSG 42 0081 0000 100
(OR EQUAL AND EQUIVALENT)
EX1
 - 71W 4000K LED LANTERN MOUNTED ON
8METRE COLUMN
CODE: Sephora Pendant-16LED-A1-400mA
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(OR EQUAL AND EQUIVALENT)
EX2
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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)
EX8

PO3	ADB	PLANNING ISSUE	31.03.2025
PO2	ADB	ISSUED FOR PLANNING	27.01.2024
PO1	ADB	PRELIMINARY DRAWING	27.08.2024
REV	BY	DESCRIPTION	DATE
PROJECT: DUBLIN STREET NORTH REGENERATION			
 Delap & Waller www.delapandwaller.com <div><input type="checkbox"/> Antrim: T +44 (0) 28 9448 3800</div> <div><input type="checkbox"/> Dublin: T +353 (0) 1 535 5900</div> <div><input type="checkbox"/> London: T +44 (0) 20 8059 7373</div>			
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 - RESULTS			
DRAWING NUMBER: Project Originator Zone Level Type Role - Number 22268 DLW - XX - XX - XX - E - 00101			
SUITABILITY: Suitable for review and comment			REV: P03

Locations	Road lighting class	Required Lighting Levels (Lux)	Achieved Lighting Levels (lux)
Diamond Car Park	P1	15	15.79
Russel Row Car Park	P1	15	15.95
Old Cross Square	P1	15	16.56
Dublin Street	P2	10	15.24
Dubin Street Road Crossing 1	P2	10	10.11
Dubin Street Road Crossing 2	P2	10	10.45
Old Cross Road Crossing 1	P1	15	17.12
Old Cross Road Crossing 2	P1	15	15.18
Old Cross Road Crossing 3	P1	15	18.11
Old Cross Road Crossing 4	P1	15	16.48

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LEGEND	
	32mm INTERNAL DIAMETER SMOOTH BORE TWIN WALLED FLEXIBLE POLYETHYLENE ORANGE COLORED STREET LIGHTING DUCT INSTALLED WITH MARKER TAPE
	ROAD CROSSING - 32mm STREET LIGHTING DUCTS WITHIN 150mm RIGID DUCT C/W MARKER TAPE
	PROPOSED STREET LIGHTING DUCTING CHAMBER TO LOCAL AUTHORITY SPECIFICATION
	PUBLIC LIGHTING MIDI 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)
	71W 4000K LED LANTERN MOUNTED ON 8METRE COLUMN CODE: Sephora Pendant-16LED-A1-400mA UMSG 42 0071 0000 100 (OR EQUAL AND EQUIVALENT)
	12W 2700K DARKSKY APPROVED LED POST TOP LUMINAIRE MOUNTED ON 8METRE COLUMN CODE: DAYTONA (C1) WITH GLARE HOOD (OR EQUAL AND EQUIVALENT)
	90W 4000K LED LANTERN MOUNTED ON 8METRE COLUMN CODE: Sephora Pendant-16LED-C3-500mA UMSG 42 0090 0000 100 (OR EQUAL AND EQUIVALENT)
	28W 4000K LED LANTERN MOUNTED ON 8METRE COLUMN CODE: Sephora Pendant-16LED-A1-450mA UMSG 42 0028 0000 100 (OR EQUAL AND EQUIVALENT)
	PROPOSED NEW ESB SUBSTATION
	NEW 125mm INTERNAL DIAMETER RED DUCT TO ESB NETWORKS SPECIFICATIONS (ESB SPEC NO. 16113)
	PROPOSED NEW ESB FEEDER PILLAR LOCATION
	PROPOSED NEW TELECOMS MICRO PILLAR
	EIR - 50mm Ø BLACK TWIN WALL DUCT
	NEW TELECOMS CONNECTIONS INTAKE
	IP RATED FESTIVE LIGHTING COMMANDO SOCKETS TO BE FED FROM LIGHTING CIRCUIT
	DUAL OUTPUT 22KW 3 PHASE EV CHARGERS
	PASSIVE EVC - INFRASTRUCTURE ONLY
	POP UP POWER UNIT DETAILS OF OUTPUT T.B.C BASED ON REQUIREMENT
	ENET - 110MM UPVC DUCT
	PROPOSED DUCTING CHAMBER TO ENET SPECIFICATION
	150mm DUCTING FOR FUTURE EV CHARGING PROVISION
	PARKING METER T.B.C BASED ON REQUIREMENT

NOTE: FOR EACH PARKING SPACE INDICATED AS HAVING EV DUCTING PROVISION, ALLOW FOR AN ACCESS CHAMBER TO FACILITATE THE INSTALLATION OF A FUTURE EV CHARGER WITHOUT THE NEED FOR ADDITIONAL GROUND WORKS

Electric Vehicles Policy	
EVP 1	New residential development with communal parking areas should provide a minimum of one car parking space equipped with an EV charging point.
EVP 2	New non-residential development should accommodate at least one car parking space equipped with an EV charging points for every ten car parking spaces being provided for the associated development.
EVP 3	Car charging spaces should be clearly demarcated with appropriate signage



P05	ADB	PLANNING ISSUE	31.03.2025
P04	ADB	ISSUED FOR PLANNING	27.01.2024
P03	ADB	ISSUED FOR PLANNING	06.12.2024
P02	ADB	PRELIMINARY DRAWING	15.11.2024
P01	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
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WORK PACKAGE:
M&E DESIGN

DRAWING TITLE:
ELECTRICAL SITE SERVICES

DRAWING NUMBER:
Project Originator Zone Level Type Role - Number
22268 DLW - XX - XX - XX - E - 00200

SUITABILITY:
Suitable for review and comment

REV:
P05



NOTES:
1. THIS DRAWING IS THE PROPERTY OF DELAP & WALLER AND MAY ONLY BE USED WITH THEIR WRITTEN APPROVAL
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- 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
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SCALE AT A1: 1:500	CHK: ADB DES: ADB	APP: RS DRW: ADB
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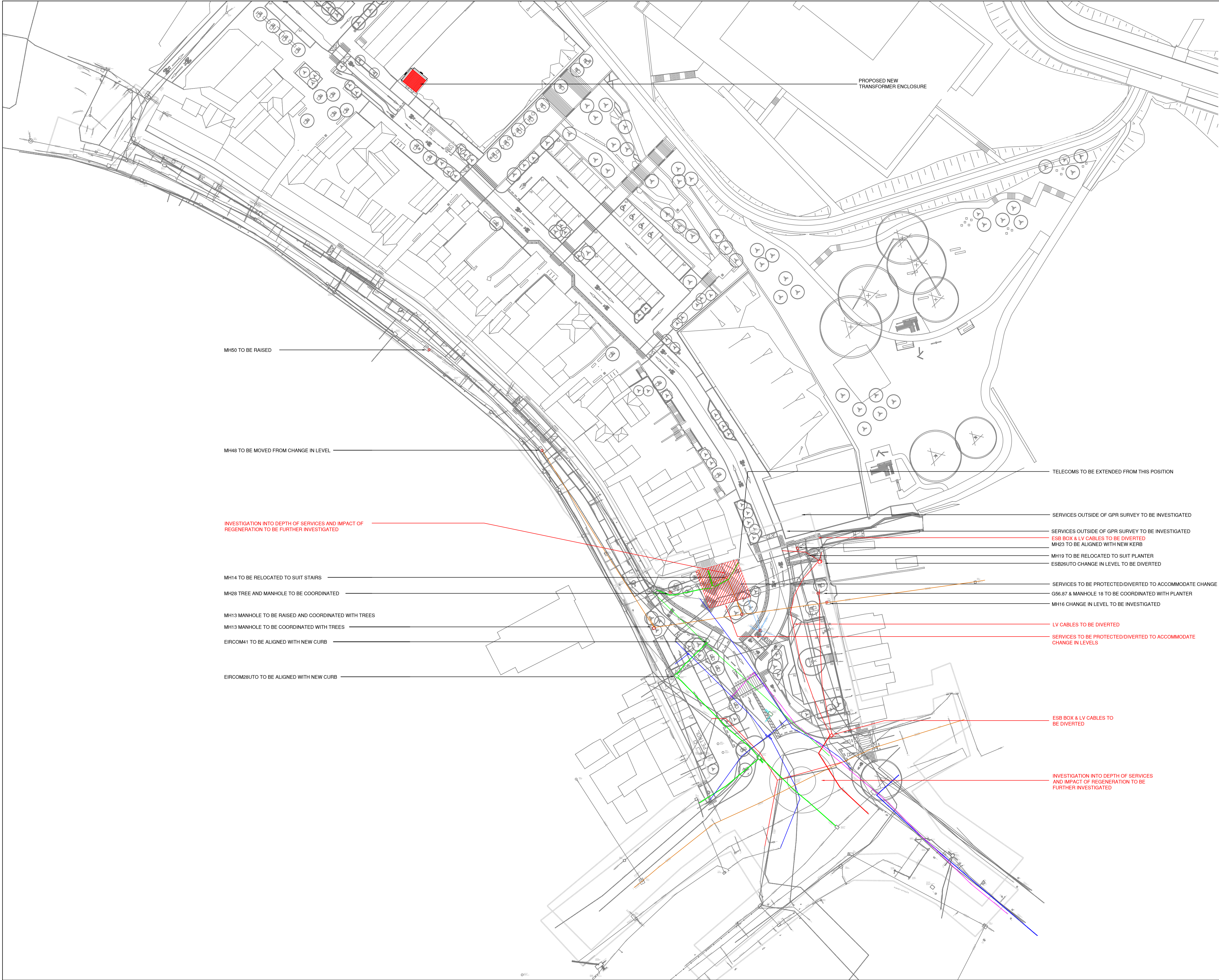
WORK PACKAGE:
M&E DESIGN

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



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LEGEND - CABLES/PIPES TO BE STRIPPED BACK / REMOVED / PROTECTED

- LV CABLE DIVERSION
- WATER PIPELINE DIVERSION
- COMMS CABLE DIVERSION
- UNKNOWN SERVICE DIVERSION
- ALL SERVICES WITHIN 2 METER BOUNDARY TO BE DIVERTED OR PROTECTED AS INDICATED ON THE DRAWING.

LEGEND - CABLE DIVERSION ROUTES

- LV CABLE DIVERSION ROUTE
- WATER PIPELINE DIVERSION ROUTE
- COMMS CABLE DIVERSION ROUTE
- UNKNOWN SERVICE DIVERSION ROUTE
- NEW INSPECTION CHAMBER

Location	TABLE 06					Equipment Pipework Ductwork mm
	Cable mm	HV mm	LV mm	Telephone mm	Co-axial mm	
Buried:						
HV	50	300	300	300	300	300
LV	300	25	300	150	150	300
Telephone	300	150	50	50	50	300
Co-axial	300	150	150	150	150	300
Fibre Optic	300	150	50	50	50	300
In Air:						
HV	50	300	300	300	300	300
LV	300	(see note 2)	150	150	150	300
Telephone	300	150	0	0	0	300
Co-axial	300	150	0	0	0	300

NOTES:
1. The minimum spacing apply unless otherwise indicated.
2. LV cables in air may be bunched subject to any requirements regarding segregation and installation methods set out in BS 7671: Requirements for Electrical Installations, Guidance Note No. 1, and as stated in 6.2.
3. When cables are in steel pipes the minimum spacings need not be maintained, but a minimum space of 25mm shall be left between the pipes.

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:
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SCALE AT A1: 1:500	CHK: ADB DES: ADB	APP: RS DRW: ADB
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WORK PACKAGE:
M&E DESIGN

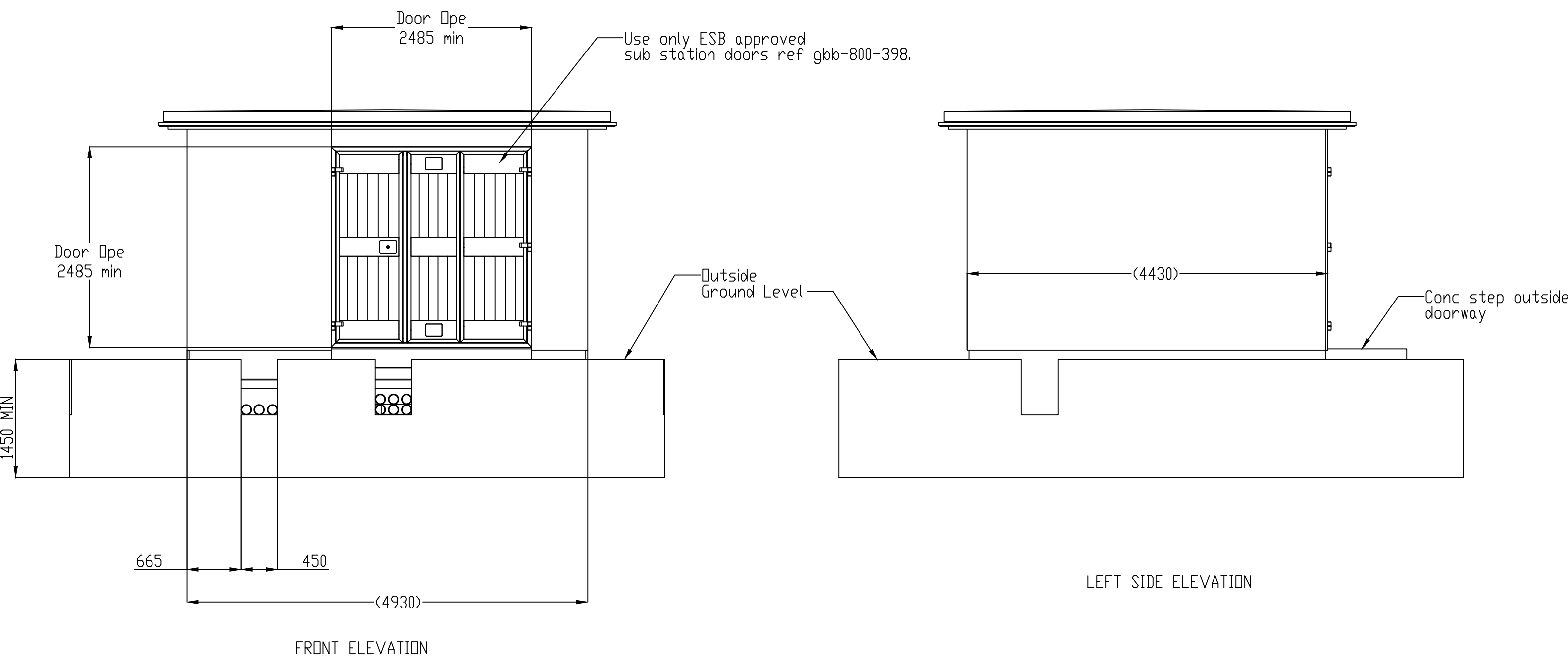
DRAWING TITLE:
DIVERSIONS

DRAWING NUMBER:
Project Originator Zone Level Type Role - Number
22268 DLW- XX - XX - XX - E - 00400

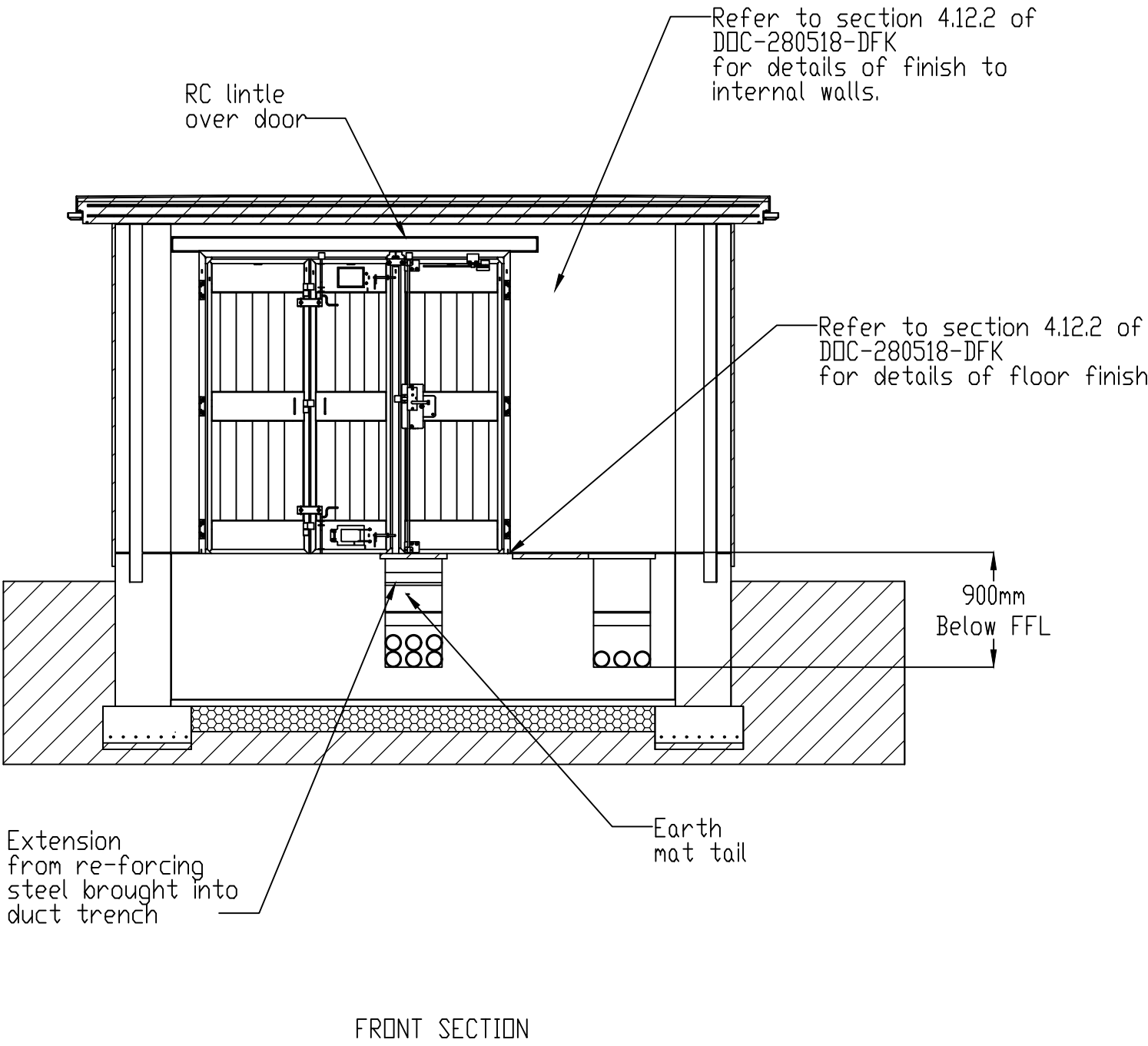
SUITABILITY:
Suitable for review and comment
REV:
P04

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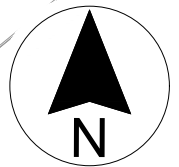
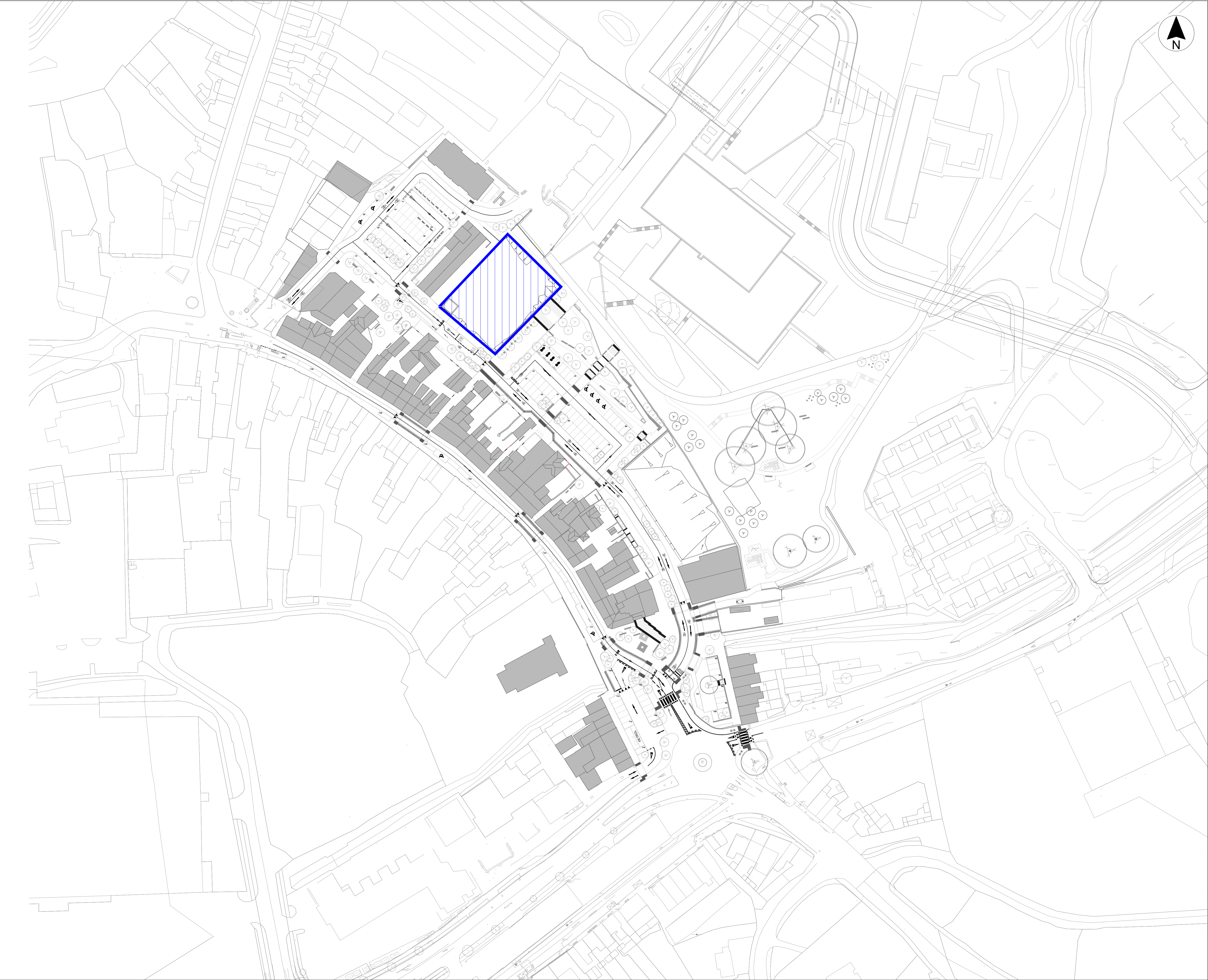
THIS DRAWING SERVES AS A REFERENCE TO THE DIMENSIONS OF THE
REQUIRED ESB TRANSFORMER LOCATION ONLY.
REFER TO ESB MV SUBSTATION DRAWINGS FOR DETAILED INFORMATION.



Before work commences be sure to read
and fully understand the requirements
as detailed in DDC-280518-DFK



P04	ADB	ISSUED FOR PLANNING	27.01.2024
P03	ADB	ISSUED FOR PLANNING	05.12.2024
P02	ADB	PRELIMINARY DRAWING	15.11.2024
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REV	BY	DESCRIPTION	DATE
PROJECT:			
DUBLIN STREET NORTH REGENERATION			
CLIENT:			
MONAGHAN COUNTY COUNCIL			
SCALE AT A1:			
1:500			
WORK PACKAGE:			
M&E DESIGN			
DRAWING TITLE:			
ESB SUBSTATION			
DRAWING NUMBER:			
Project Originator Zone Level Type Role - Number			
22268 DLW- XX - XX - XX - E - 00500			
SUITABILITY:			
Suitable for review and comment			
REV:			
P04			



Legend:

 Outline Proposed Contractor's Compound

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P02	08.04.25	Updated background design for planning issue	DSA
P01	04.02.25	First Issue for client review	IA
Rev	Date	Description	App

Project Manager, Civil & Structural Engineers



1c Montgomery House
478 Castlereagh Road
Belfast, BT5 6BQ

T: 028 9040 2000
E: admin@mcadamdesign.co.uk
www.mcadamdesign.co.uk

Landscape Architects



optimised environments

Optimised Environments Ltd
Quartermile two, 2 Lister Square
Edinburgh, EH3 9GL

T 0131 221 5920
www.op-en.co.uk | info@op-en.co.uk

Client



Comhairle Contae Mhuineacháin
Monaghan County Council

Project Status **STAGE 3 - PLANNING**

Project **NORTH DUBLIN STREET & BACKLANDS REGENERATION PROJECT**

Drawing **PROPOSED CONTRACTOR'S COMPOUND PLAN**

Scale **1:750 @ A1**

Drawn	IA	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	1706	P02

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.