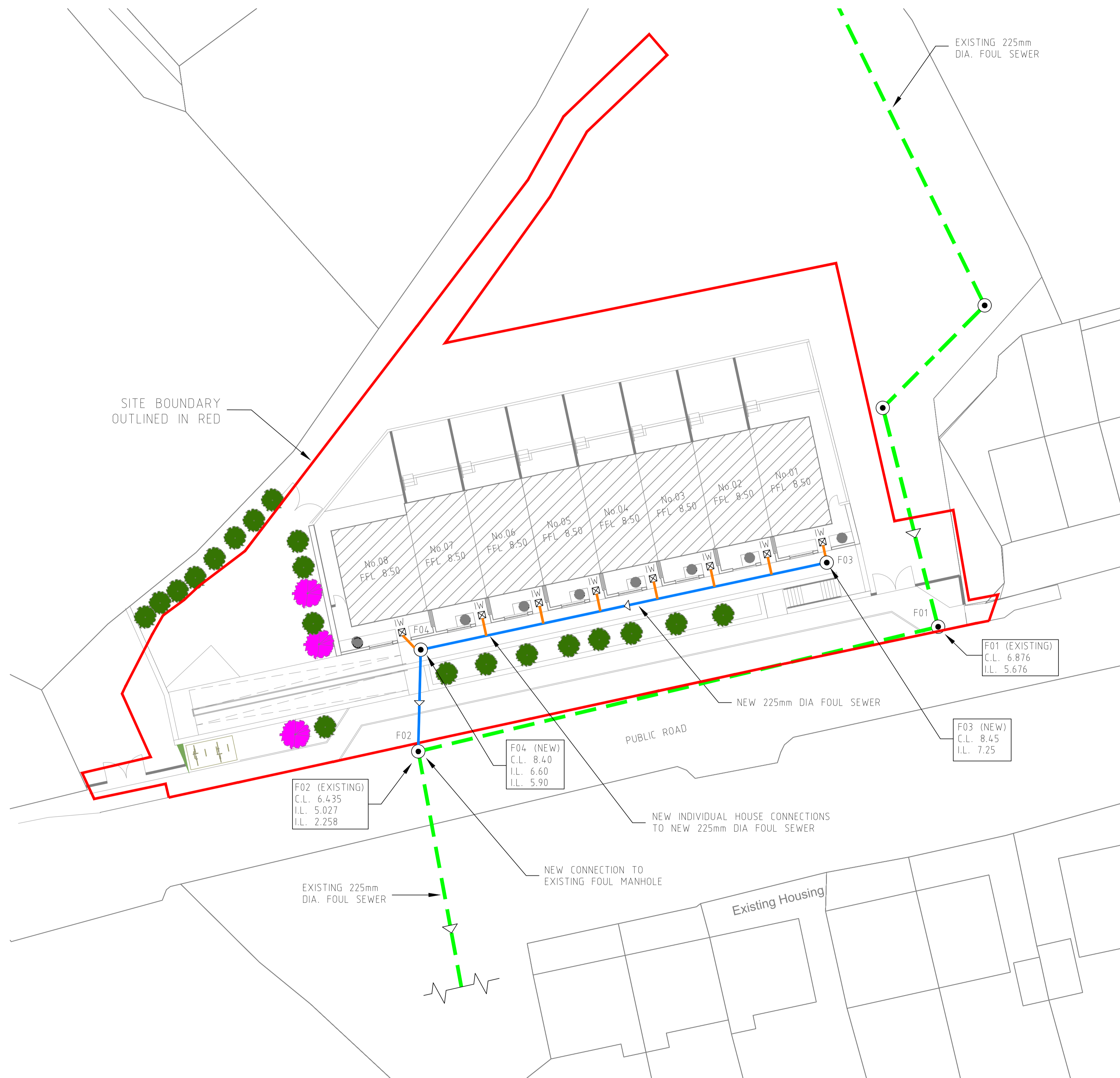
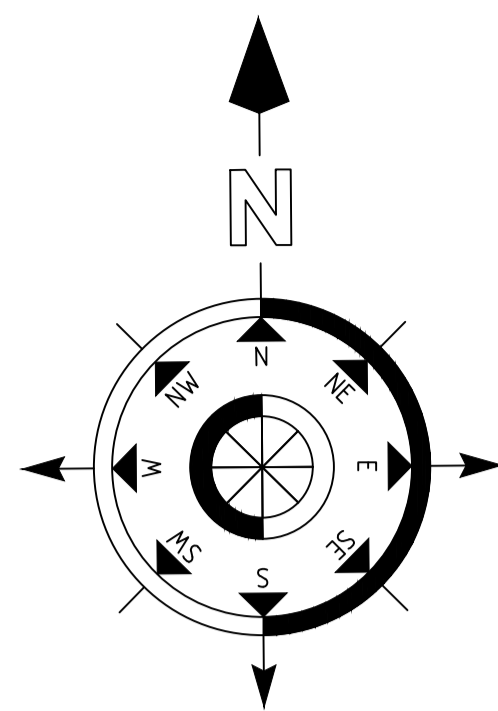


Notes

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- ALL MATERIALS USED SHALL BE 'CE' MARKED IN ACCORDANCE WITH THE EU CONSTRUCTION PRODUCT REGULATIONS (CPR) (No.305/2011). REFER TO ANNEX IV OF THE REGULATIONS FOR THE LIST OF APPLICABLE PRODUCTS.
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- ENGINEER TO BE INFORMED OF ANY DISCREPANCIES IMMEDIATELY.
- POSITIONS OF EXISTING SEWERS & MANHOLES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. ACTUAL POSITIONS OF SEWERS MUST BE ESTABLISHED ON SITE BY THE CONTRACTOR BY HAND DUG TRIAL HOLES.
- RKA CONSULTING ENGINEERS WILL NOT ACCEPT ANY RESPONSIBILITY FOR THE POSITIONAL ACCURACY OF THE SEWERS/MANHOLES SHOWN ON THIS DRAWING NOR ANY OMISSION FROM SAME OF SEWERS/MANHOLES WHICH ARE NOT SHOWN ON THE PLAN.
- CONTRACTOR TO ALLOW FOR LOCATING ALL EXISTING SEWERS/MANHOLES AS REQUIRED TO ACCOMMODATE DIVERSION AND/OR REPLACEMENT OF EXISTING SEWERS AS SHOWN ON THIS DRAWING.
- CONTRACTOR TO ENSURE THAT SEWERS ARE MAINTAINED TO ALL EXISTING USERS AT ALL TIMES DURING THE CONTRACT.
- CONTRACTOR TO ALLOW FOR HAND DIGGING TO LOCATE EXISTING SERVICES AS REQUIRED.
- CONTRACTOR TO KEEP FULL RECORDS OF POSITIONS OF ALL PIPEWORK AND CONNECTIONS AND ON COMPLETION, FULL AS-BUILT DRAWINGS TO BE PRODUCED BY THE CONTRACTOR.
- WORKS TO BE CARRIED OUT IN ACCORDANCE WITH UTILITY PROVIDERS LATEST SPECIFICATIONS.
- WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CORK COUNTY COUNCIL DESIGN GUIDE FOR PROVISION OF SERVICES IN HOUSING ESTATES 2005 & RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS 1998, PUBLISHED BY THE DEPARTMENT OF ENVIRONMENT & LOCAL GOVERNMENT.
- SETTING OUT TO BE THE RESPONSIBILITY OF THE CONTRACTOR.



LEGEND:

- SITE BOUNDARY OUTLINED IN RED
- NEW 225 DIA. FOUL SEWER
- - - EXISTING 225 DIA. FOUL SEWER
- PROPOSED 100mm PVC FOUL SEWER CONNECTIONS TO NEW FOUL SEWER
- F01 FOUL MANHOLE No.02
- IW PRIVATE SIDE INSPECTION CHAMBER TO UISCE EIREANN STD-WW-13 WITH D400 COVER & FRAME

NOTE:
EACH HOUSE TO HAVE NEW INDIVIDUAL CONNECTIONS TO NEW PUBLIC FOUL SEWER.
ALL FOUL DRAINAGE WORKS OUTSIDE SITE BOUNDARY IN PUBLIC AREA TO BE CARRIED OUT BY UISCE EIREANN.
ALLOW FOR CROSSING UNDER/OVER EXISTING & PROPOSED SERVICES, SEWER & DRAINS.

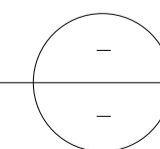
DRAINAGE NOTES:

- All Drainage works should comply with:
 - Requirements of BS 8005: Part 1 and BS 830.
 - "Recommendations for Site Development Works for Housing Areas" by Department of the Environment and Local Government 1998.
 - Current Irish Water Standard Details and Code of Practice for Wastewater Infrastructure.
 - Current Building Regulations.
- Drainage Covers
 - Manhole covers to roads to be Cavanagh MAESTRO Class D400 to EN 124 or equivalent approved.
 - Covers to Armstrong Junctions & Linear Surface Drains in driveways to be Class D400 to EN 124 or equivalent approved.
- Land Drains

Land drains to be 150mm diameter (Agreement Approved) and surrounded in pea gravel and terram and connected to the nearest main storm drainage system.
- Pipes passing through Walls
 - Where pipes pass through walls, lintels to be used to give a minimum clearance of 50mm to pipe.

PROPOSED FOUL DRAINAGE LAYOUT

SCALE 1:200



Rev	Date	Drawn	Description	Chk'd
0	Feb '25	ME	Issued for Part 8 Planning	GOM

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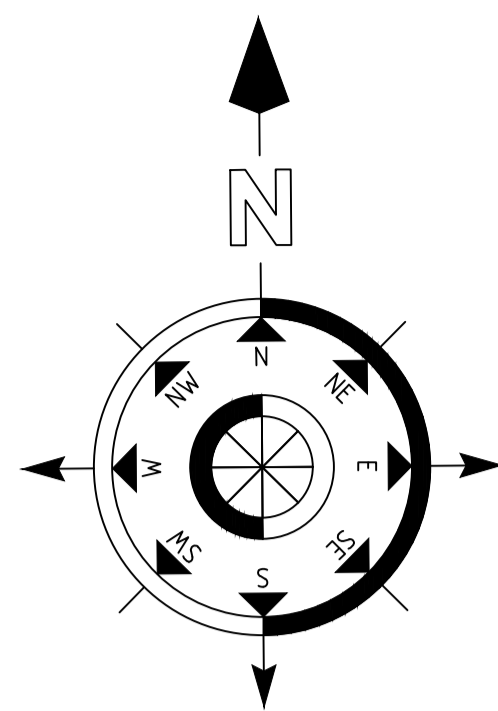
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E: admin@rka.ie
W: www.rka.ie

Client:
CORK COUNTY COUNCIL

Project:
Proposed Residential Development
at Church Road, Durrus, Co.Cork

Drawing Title: Proposed Foul Drainage Layout			
Designed: GOM	Drawn: ME	Date: February 2025	
Eng Chk: GOM	Dwg. Chk: GOM	Scale: 1:200 @ A1	
Project No: 0600825			
Drawing No: 500	Status: PART 8	Rev: 0	

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- SETTING OUT TO BE THE RESPONSIBILITY OF THE CONTRACTOR.



LEGEND:

- SITE BOUNDARY OUTLINED IN RED
- - - PROPOSED 300mm DIA. LAND DRAIN
- - - EXISTING 300 DIA. STORM LINE
- - - PROPOSED 225mm DIA. PVC STORM LINE @ 1:200 FALL
- - - PROPOSED 225mm DIA. PVC STORM LINE @ 1:107 FALL
- LINEAR DRAIN WITH 150mm BRANCH CONNECTION
- S02 STORM MANHOLE No.02
- GY PROPOSED ROAD GULLY WITH 150mm PVC BRANCH CONNECTION
- PROPOSED BYPASS SEPARATOR (SEE NOTE A)

NOTE A - BYPASS SEPARATOR:

THE BYPASS SEPARATOR CHOSEN IS TO BE IN ACCORDANCE WITH EN 858-1 AND ITS DESIGN IS TO INCLUDE THE NECESSARY VOLUME REQUIREMENTS FOR:

- OIL SEPARATION CAPACITY
- SILT STORAGE CAPACITY
- OIL STORAGE VOLUME
- COALESCER

THE BYPASS SEPARATOR CHOSEN, WHICH IS TO BE AGREED WITH THE CLIENTS REPRESENTATIVE, IS TO BE OF ROTOMOLDED CHAMBER CONSTRUCTION AND IS TO CATER FOR AN IMPERMEABLE AREA UP TO 2,100 SqM.

NOTE:
EACH HOUSE TO HAVE NEW INDIVIDUAL CONNECTIONS TO NEW STORM DRAIN.

NEW STORM DRAIN TO BE ENCASED IN 150mm CONCRETE SURROUND UNTIL COVER IS 1.2m.

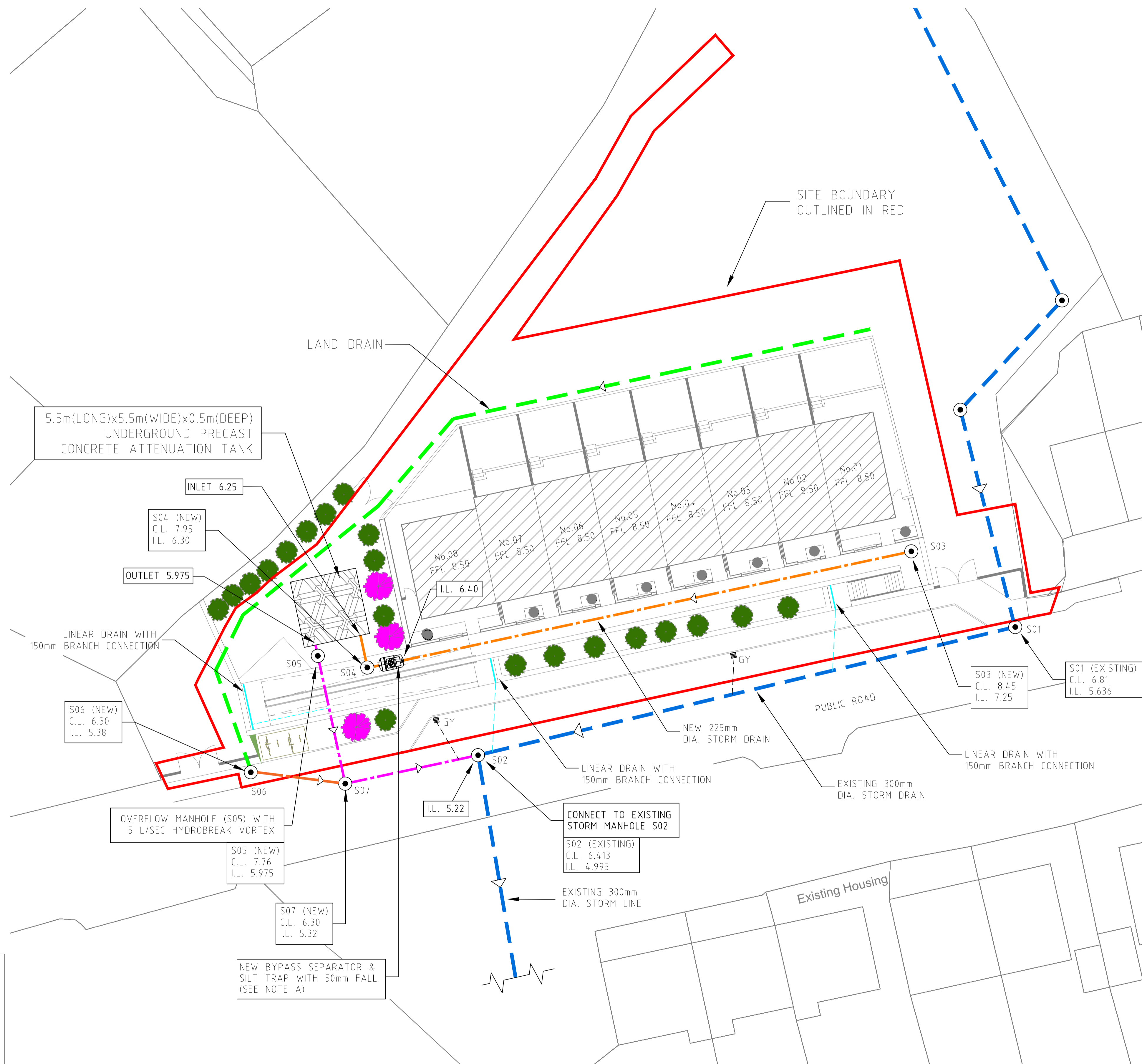
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DRAINAGE NOTES:

- All Drainage works should comply with:
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 - Current Building Regulations.
- Drainage Covers
 - Manhole covers to roads to be Cavanagh MAESTRO Class D400 to EN 124 or equivalent approved.
 - Covers to Armstrong Junctions & Linear Surface Drains in driveways to be Class D400 to EN 124 or equivalent approved.
- Land Drains

Land drains to be 150mm diameter (Agreement Approved) and surrounded in pea gravel and terram and connected to the nearest main storm drainage system.
- Pipes passing through Walls
 - Where pipes pass through walls, lintels to be used to give a minimum clearance of 50mm to pipe.

REDUCED COVER PROTECTION SLAB DETAIL:
NEW 225mm DIA. STORM DRAIN TO BE SURROUNDED IN GRANULAR MATERIAL AND COVERED WITH A 150mm THICK REINFORCED CONCRETE SLAB ALL IN ACCORDANCE WITH UISCE EIREANN WASTEWATER INFRASTRUCTURE STANDARD DETAIL STD-WW-08



PROPOSED STORM DRAINAGE LAYOUT
SCALE 1:200

Rev	Date	Drawn	Description	Ch'kd
0	Feb '25	ME	Issued for Part 8 Planning	GOM

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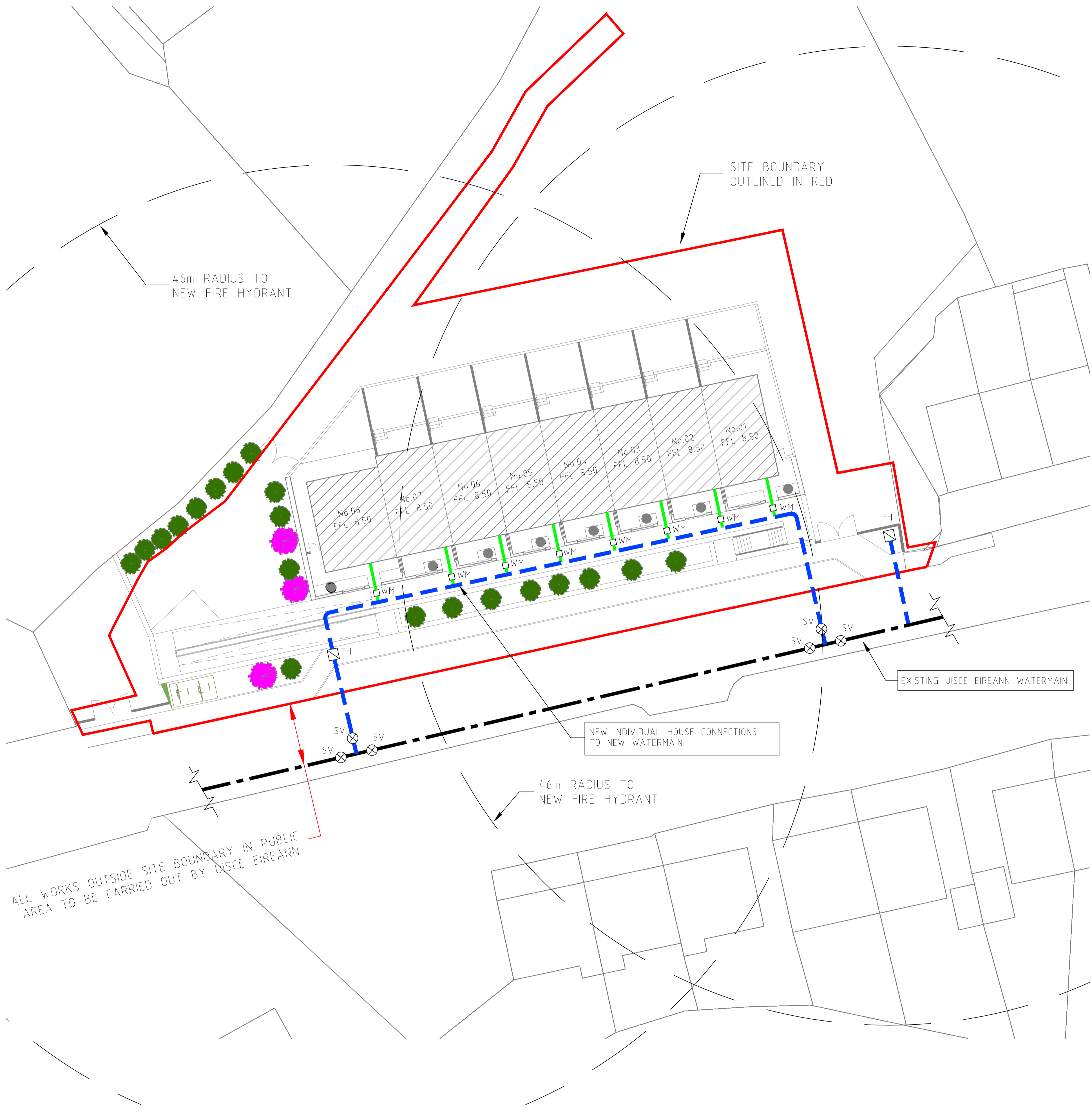
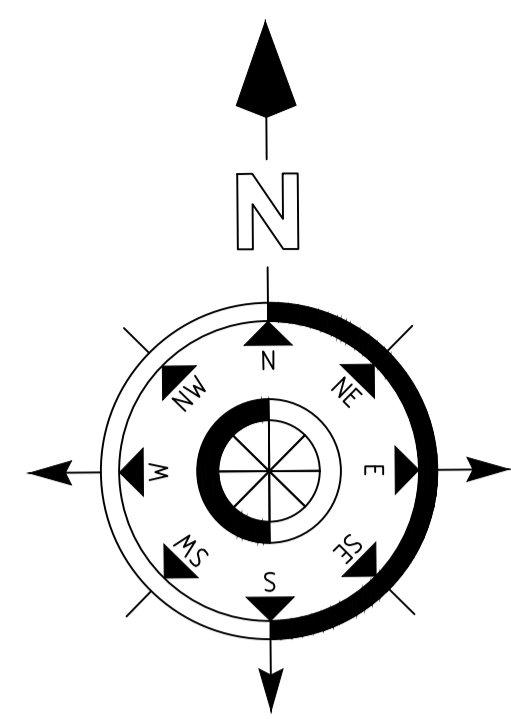
Client:
CORK COUNTY COUNCIL

Project:
Proposed Residential Development
at Church Road, Durrus, Co.Cork

Drawing Title:			
Proposed Storm Drainage Layout			
Designed: GOM	Drawn: ME	Date: February 2025	
Eng Chk: GOM	Dwg. Chk: GOM	Scale: 1:200 @ A1	
Project No: 0600825		Drawing No: 501	
Status: PART 8		Rev: 0	

Notes

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- CONTRACTOR TO ALLOW FOR LOCATING ALL EXISTING MAINS AS REQUIRED TO ACCOMMODATE DIVERSION AND/OR REPLACEMENT OF EXISTING SERVICES AS SHOWN ON THIS DRAWING.
- CONTRACTOR TO ENSURE THAT WATER SUPPLIES ARE MAINTAINED TO ALL EXISTING USERS AT ALL TIMES DURING THE CONTRACT.
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- CONTRACTOR TO KEEP FULL RECORDS OF POSITIONS OF ALL PIPEWORK AND CONNECTIONS AND ON COMPLETION, FULL AS-BUILT DRAWINGS TO BE PRODUCED BY THE CONTRACTOR.
- LOCATION OF PROPOSED PIPEWORK ARE INDICATIVE ONLY. ALL WORKS TO BE AGREED WITH UISCE EIREANN AND EMPLOYERS REPRESENTATIVE.
- DETAILS OF THE TREATMENT OF ALL EXISTING WATER SERVICES TO THE SITE SHALL BE AGREED WITH UISCE EIREANN/ CORK COUNTY COUNCIL WATER DEPT.
- ALL ROAD AND FOOTWAY FITTING COVERS, SHALL BE MARKED TO INDICATE WHAT IS UNDERNEATH.
- ALL WATERMANS TO BE LAID TO CURRENT IRISH WATE STANDARDS. PLEASE REFER TO UISCE EIREANN CONNECTION AND DEVELOPER SERVICES WATER INFRASTRUCTURE STANDARD DETAILS DOCUMENT NUMBER IW-CDS-5020-01 & CODE OF PRACTICE FOR WATER INFRASTRUCTURE DOCUMENT NUMBER IW-CDS-5020-03.
- WORKS TO BE CARRIED OUT IN ACCORDANCE WITH RECOMMENDATIONS FOR SITE DEVELOPMENT WORKS FOR HOUSING AREAS NOVEMBER 1998 AND IN ACCORDANCE WITH LATEST UISCE EIREANN SPECIFICATIONS AND SPECIFICATIONS OF ALL UTILITY PROVIDERS.
- SETTING OUT TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- SPOT LEVELS RELATE TO UNITS IN METRES.
- DIMENSIONS ARE IN MILLIMETRES.



LEGEND:

- SITE BOUNDARY OUTLINED IN RED
- NEW 25-32mm (OD) PE DOMESTIC PIPE
- - - EXISTING UISCE EIREANN WATERMAIN
- NEW 100mm (INSIDE DIAMTER) WATERMAIN
- FH NEW FIRE HYDRANT. LOCATIONS TO BE TO BE AGREED WITH FIRE AUTHORITY.
- WM NEW DOMESTIC WATER METERS
- SV NEW SLUICE VALVE

NOTE:
ALL WORKS & FITTINGS TO BE CARRIED OUT IN ACCORDANCE WITH UISCE EIREANN STANDARDS.

NOTE:
EACH HOUSE TO HAVE NEW INDIVIDUAL CONNECTION TO EXISTING PUBLIC WATERMAIN.

ALL WORKS OUTSIDE SITE BOUNDARY IN PUBLIC AREA TO BE CARRIED OUT BY UISCE EIREANN.

ALLOW FOR CROSSING UNDER/OVER EXISTING & PROPOSED SERVICES, SEWER & DRAINS.

ALL WORKS OUTSIDE SITE BOUNDARY IN PUBLIC AREA TO BE CARRIED OUT BY UISCE EIREANN

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PROPOSED WATERMAIN LAYOUT
SCALE 1:200

Rev	Date	Drawn	Description	Chk'd
0	Feb '25	ME	Issued for Part 8 Planning	GOM

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CORK COUNTY COUNCIL

Project:
Proposed Residential Development
at Church Road, Durrus, Co.Cork

Drawing Title:
Proposed Watermain Layout

Designed: GOM	Drawn: ME	Date: February 2025
Eng Chk: GOM	Dwg. Chk: GOM	Scale: 1:200 @ A1
Project No: 0600825		
Drawing No: 502	Status: PART 8	Rev: 0