

Nick Fenner,
DBFL,
Ormond House,
Upper Ormond Quay,
Dublin 7

3 April 2019

Uisce Éireann
Bosca OP 448
Oifig Sheachadta
na Cathrach Theas
Cathair Chorcaí

Irish Water
PO Box 448
South City
Delivery Office
Cork City

www.water.ie

Re: Design Submission for SHD Development at 1-3 East Road, East Wall, Dublin(the “Development”) (the “Design Submission”) / 0356794551.

Dear Nick,

Many thanks for your recent Design Submission.

We have reviewed your proposal for the connection(s) at the Development. Based on the information provided, which included the documents outlined in Appendix A to this letter, Irish Water has no objection to your proposals.

This letter does not constitute an offer, in whole or in part, to provide a connection to any Irish Water infrastructure. Before you can connect to our network you must sign a connection agreement with Irish Water. This can be applied for by completing the connection application form at www.water.ie/connections. Irish Water’s current charges for water and wastewater connections are set out in the Water Charges Plan as approved by the Commission for Regulation of Utilities (CRU) (https://www.cru.ie/document_group/irish-waters-water-charges-plan-2018/).

You the Customer (including any designers/contractors or other related parties appointed by you) is entirely responsible for the design and construction of all water and/or wastewater infrastructure within the Development which is necessary to facilitate connection(s) from the boundary of the Development to Irish Water’s network(s) (the “**Self-Lay Works**”), as reflected in your Design Submission. Acceptance of the Design Submission by Irish Water does not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.

If you have any further questions, please contact your Irish Water Representative

Name: Marina Byrne
Phone: 018925991
Email: mzbyrne@water.ie

Yours sincerely,



Maria O’Dwyer

Connections and Developer Services

Appendix A

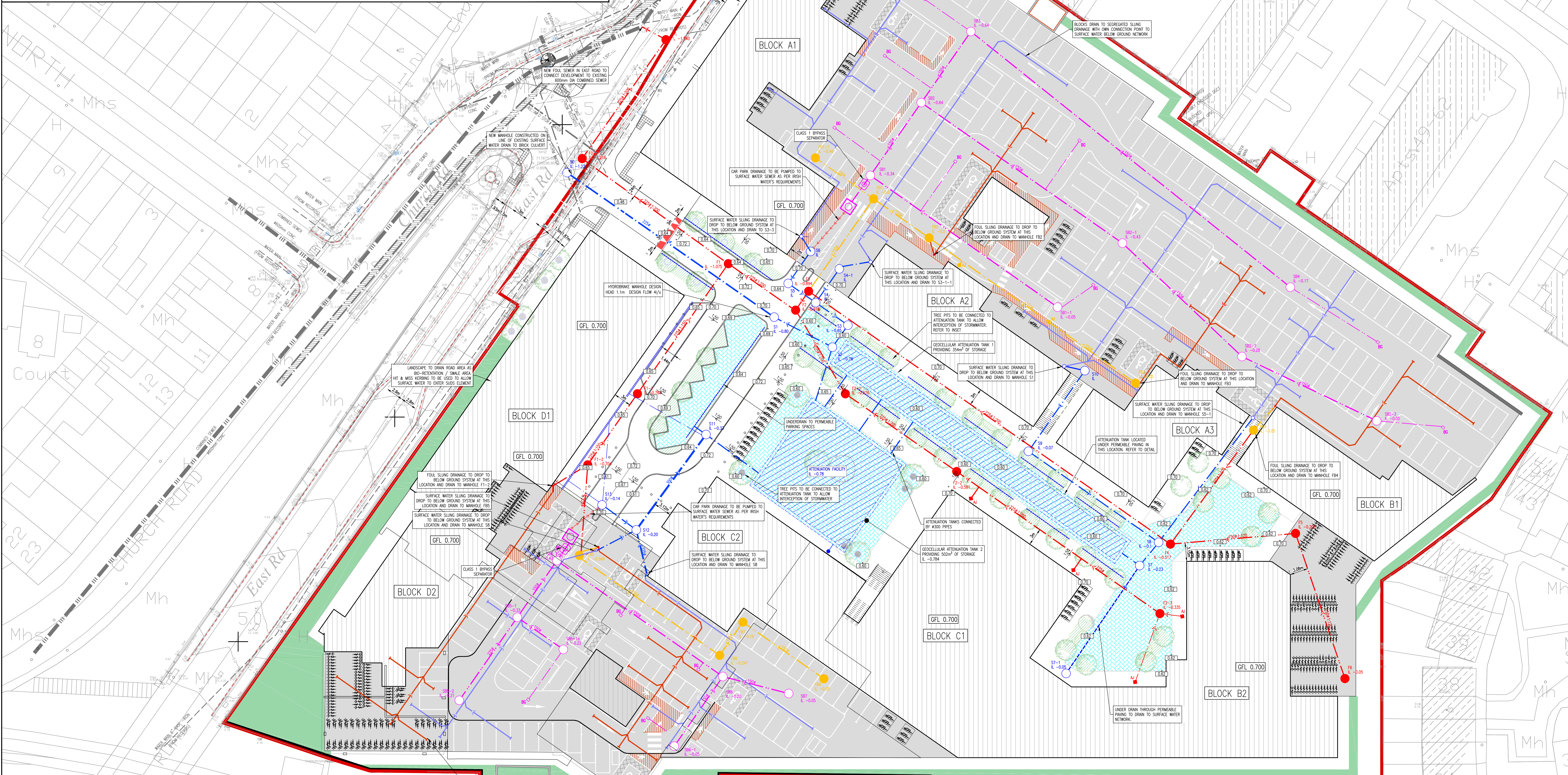
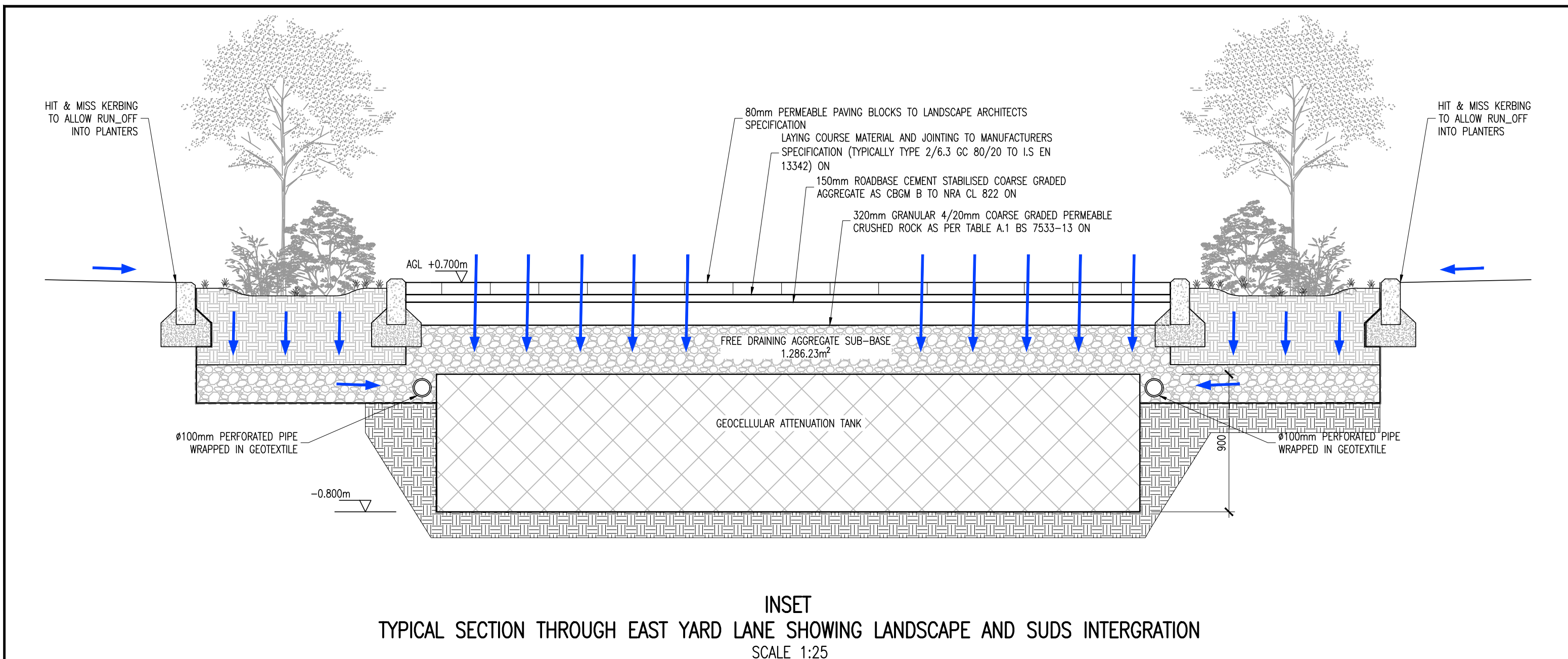
Document Title & Revision

- 170200-3000 Revision C Site Services Layout
- 170200-3001 Revision B Watermain Layout

Standard Details/Code of Practice Exemption: N/A

For further information, visit www.water.ie/connections

Notwithstanding any matters listed above, the Customer (including any appointed designers/contractors, etc.) is entirely responsible for the design and construction of the Self-Lay Works. Acceptance of the Design Submission by Irish Water will not, in any way, render Irish Water liable for any elements of the design and/or construction of the Self-Lay Works.



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NOTES:

- ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
- ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM.
- CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF PAINTMENT LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
- ALL FOUL SEWERS AND MANHOLES TO BE AS PER IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
- ALL SURFACE WATER SEWERS TO BE INFRASTRUCTURE CONCRETE TO EN1918 & IS 5 2004 OR UPIC TO EN1421 AS PER THE GREATER DUBLIN REGIONAL CODE OF PRACTICE.
- NOTE THAT THE CONTRACTOR AND/OR ARCHITECT ARE RESPONSIBLE FOR CONNECTIONS INTO THE BUILDING.
- FOUL SEWERS AND DRAINS TO BE U-PVC TO EN1401 WITH APPLICATION AREA CODE 10 AND STIFFNESS DN/17.

- LEGEND
- SITE BOUNDARY
 - BUILDING OUTLINE
 - FOUL LINES
 - PODUM OUTLINES
- SERVICES LEGEND (GROUND)
- PROPOSED FOUL SEWER
 - PROPOSED SURFACE WATER SEWER
 - EXISTING FOUL SEWER
 - EXISTING SURFACE WATER SEWER
 - ROAD GULLY
 - ADD DRAIN
 - FILTER DRAIN
 - PROPOSED ROAD LEVEL
 - PROPOSED ROAD GRADIENT
 - ATTENUATION STORAGE
 - PERMEABLE PAVING
 - LANDSCAPE INTEGRATED WITH SW DRAINAGE SYSTEM
- SERVICES LEGEND CAR PARK
- PROPOSED BASEMENT FOUL WATER SEWER
 - PROPOSED FOUL WATER SLING DRAIN
 - PROPOSED RISING MAIN
 - PROPOSED BASEMENT SURFACE WATER SEWER
 - PROPOSED SURFACE WATER SLING DRAIN
 - PROPOSED ADD DRAIN
 - BASEMENT GULLY

IRISH WATER STANDARD DETAILS FOR WASTEWATER NETWORKS BROUGHT INTO CONTRACT BY REFERENCE

Drawing Ref	Title
STD-WW-01	Wastewater Service Connection Responsibility
STD-WW-03	Drain and Service Connection Pipework
STD-WW-04	Typical sewer / service pipe connection
STD-WW-05	Typical service layout indicating separation distances
STD-WW-06	Restrictions on trees / shrubs planting adjacent to sewers
STD-WW-07	Trench backfill & bedding
STD-WW-08	Concrete bed, haunch and surround to wastewater pipes
STD-WW-09	Blockwork manhole (<450mm dia.)
STD-WW-10	Pre-cast concrete manhole
STD-WW-11	In-situ concrete manhole
STD-WW-12	Backslope manholes
STD-WW-13	Private side inspection chamber

DESIGNED: NF | PREPARED: PPK
DATE: MAY 2016 | CHECKED: EMV

DPL
DPL Consulting Engineers | www.dpl.ie

PROJECT:
DEVELOPMENT AT 1-4 EAST ROAD DUBLIN

DRG TITLE:
SITE SERVICES LAYOUT

CLIENT:
GLENVEAGH

SCALE: 1:250 @A0 | FILE REF: 170200-3000
DRG NO: 170200-3000 | C

IRISH WATER STANDARD DETAILS FOR WATER NETWORKS BROUGHT INTO CONTRACT BY REFERENCE	
Drawing Ref	Title
STD-W-01	Water Service Connection Responsibility
STD-W-03	Customer Connection and Boundary Box (25mm OD Pipe)
STD-W-04	General pipe connections (sheet 1 of 7)
STD-W-05	General pipe connections (sheet 2 of 7)
STD-W-06	General pipe connections (sheet 3 of 7)
STD-W-07	General pipe connections (sheet 4 of 7)
STD-W-08	General pipe connections (sheet 5 of 7)
STD-W-09	General pipe connections (sheet 6 of 7)
STD-W-10	General pipe connections (sheet 7 of 7)
STD-W-11	Typical service layout indicating separation distances
STD-W-12	Restrictions on trees / shrubs planting adjacent to watermains
STD-W-13	Trench backfill & bedding
STD-W-14	Sluice valve for ductile iron (D.I.) pipe (<350mm dia.) (sheet 1 of 2)
STD-W-15	Sluice valve for polyethylene (P.E.) pipe (<350mm dia.) (sheet 2 of 2)
STD-W-18	On-line hydrant for polyethylene (P.E.) pipe (sheet 3 of 4)
STD-W-19	On-line hydrant for polyethylene (P.E.) pipe (sheet 4 of 4)
STD-W-26	Meter chamber (<300mm dia.)
STD-W-27	Marker posts / plates
STD-W-28	Water main thrust & support blocks
STD-W-35	Pipe Repair to Existing Mains
STD-W-36	Telemetry and Wet Kiosk



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ON ORIGINAL:
0 5 10 20 30 40 50mm

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2. ALL LEVELS ARE IN METRES AND ARE RELATED TO ORDNANCE DATUM.
3. WATERMAIN INSTALLATION AND ALL WATER SUPPLY WORKS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER'S CODE OF PRACTICE FOR WATER SUPPLY AND WATER INFRASTRUCTURE STANDARD DETAILS.
4. WATERMANS (AND SERVICE CONNECTIONS) TO BE HPPE PE-100 SDR-11 AND SHALL CONFORM TO IS 5112001 PART 1, PART 2 & PART 3.

LEGEND
 - - - - - SITE BOUNDARY
 - - - - - BUILDING OUTLINE
 - - - - - POOLING OUTLINES

SERVICES LEGEND (GROUND)
 - - - - - WATERMAIN
 - - - - - SLUICE VALVE
 - - - - - HYDRANT
 - - - - - WATER METER
 - - - - - EXISTING WATERMAIN

REV	DATE	DESCRIPTION	BY	CHECKED
B	07-03-19	UPDATED TO IRISH WATER COMMENTS	AB	NF
A	26-03-19	UPDATED TO IRISH WATER COMMENTS	AB	NF
REV	DATE	DESCRIPTION	BY	CHECKED
DESIGNED	NF	PREPARED	PPK	
DATE	MAY 2016	CHECKED	EM	

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DPL Consulting Engineers
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Fax: +353 1 402 8000

PROJECT
DEVELOPMENT AT 1-4 EAST ROAD DUBLIN

DRG TITLE
WATERMAIN LAYOUT

CLIENT
GLENVEAGH

SCALE
1:250 @A0

FILE REF
170200-3001

DRG NO
170200-3001