



- LIST OF IRISH WATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- 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 WATERMANS
 - 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-16 ON-LINE HYDRANT FOR DUCTILE IRON (D.I.) PIPE (SHEET 1 OF 4)
 - STD-W-17 OFF-LINE HYDRANT FOR DUCTILE IRON (D.I.) PIPE (SHEET 2 OF 4)
 - STD-W-18 ON-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE (SHEET 3 OF 4)
 - STD-W-19 OFF-LINE HYDRANT FOR POLYETHYLENE (P.E.) PIPE (SHEET 4 OF 4)
 - STD-W-20 ON-LINE AIR VALVE FOR DUCTILE IRON (D.I.) PIPE (SHEET 1 OF 4)
 - STD-W-21 OFF-LINE AIR VALVE FOR DUCTILE IRON (D.I.) PIPE (SHEET 2 OF 4)
 - STD-W-22 ON-LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (SHEET 3 OF 4)
 - STD-W-23 OFF-LINE AIR VALVE FOR POLYETHYLENE (P.E.) PIPE (SHEET 4 OF 4)
 - STD-W-24 PRESSURE REDUCING / SUSTAINING VALVE (P.R.V. / P.S.V.) CHAMBER
 - STD-W-26 METER CHAMBER (<300MM DIA.)
 - STD-W-27 MARKER POSTS / PLATES
 - STD-W-28 WATER MAIN THRUST & SUPPORT BLOCKS
 - STD-W-30 SCOUR CHAMBER & HEAD WALL ARRANGEMENTS
 - STD-W-30A WASHOUT HYDRANT
 - STD-W-31 TYPICAL DITCH / STREAM CROSSING FOR WATER MAIN

SITE 1 DEVELOPMENT UN
CONSIDERATION WITH FIN
COUNTY COUNCIL

SURFACE WATER STORAGE ARRANGEMENT FOR SITE 1
DEVELOPMENT UNDER CONSIDERATION WITH FINGAL
COUNTY COUNCIL

PROPOSED CONNECTION TO
EXISTING 300mm DIA pVc
WATERMAIN
EXACT LOCATION TO BE CONFIRMED

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ON ORIGINAL

NOTES:

GENERAL NOTES:

- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
- ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
- ALL LEVELS ARE TO ORDNANCE DATUM (MALIN HEAD).
- ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE CIVIL ENGINEERING SPECIFICATION AND STANDARD CONSTRUCTION DETAILS.
- ALL VEHICULAR & PEDESTRIAN, CYCLE & PRIVATE ACCESS ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC MANAGEMENT PLAN & CONSTRUCTION MANAGEMENT PLAN.

WATERMAIN NOTES

- 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.
- WATERMANS (AND SERVICE CONNECTIONS) TO BE PE-100 SDR-17 AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3).
- AT 90 DEG. TURNS USE 2 No. 45 DEG. BENDS.
- COVER TO WATERMAIN TO BE 900mm.
- CONNECTION BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-03 TO STD-W-10.
- ANCHOR BLOCKS TO BE POSITIONED AT DEAD ENDS, TEES, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARD DETAIL STD-W-28 (WATER MAIN THRUST AND SUPPORT BLOCKS).
- HYDRANT OUTLET TO BE 200mm BELOW GROUND LEVEL UNLESS REQUESTED OTHERWISE.
- WHERE COVER TO PIPE IS LESS THAN 900mm IN GREEN AREAS AND 1200mm IN TRAFFICKED AREAS, ENCASE PIPE IN NEW 150mm CONCRETE WITH MOVEMENT JOINTS.
- NOTE THAT THE CONTRACTOR IS RESPONSIBLE FOR CONNECTIONS INTO THE BUILDING.
- CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STD-W-03.
- CONTRACTOR SHALL SATISFY THEMSELVES AS TO THE ACCURACY OF EXISTING SERVICES INFORMATION AND THE LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCING INSTALLATION OF WATERMANS.
- INSTALLATION OF SLUICE VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER'S STANDARD DETAILS STD-W-14 TO STD-W-19.
- MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-27.
- CONNECTION TO EXISTING WATERMANS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
- CONTRACTOR TO LIAISE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING CLEANSING AND STERILISATION OF WATERMANS

LEGEND:

- SITE BOUNDARY
- SV — EXISTING WATERMAIN
- (PE100 SDR17) — PROPOSED WATERMAIN
- WASHOUT HYDRANT AS PER IRISH WATER STD-W-30A
- SLUICE VALVE AS PER IRISH WATER STD-W-15
- HYDRANT AS PER IRISH WATER STD-W-18
- AIR VALVE AS PER IRISH WATER STD-W-22
- WATER METER AS PER IRISH WATER STD-W-26
- 1:20 PROPOSED ROAD GRADIENT
- 57.15 EXISTING LEVELS
- 57.15 PROPOSED ROAD LEVEL
- FFL 99.99 FINISHED FLOOR LEVEL

PO2	03-12-21	STAGE 3 SHD PLANNING	RMC	BM
PO1	07-04-21	STAGE 2 SHD PLANNING	GMC	DMW
rev	date	description	by	chkd.
		A - Approved		
		B - Approved with comments		
		C - Do not use		

client approval

suitability

S2 - INFORMATION

issue purpose

PLANNING

DBFL Consulting Engineers

Civil, Structural & Transportation Engineering

www.dbfl.ie

DUBLIN OFFICE: Ormond House, Ormond Quay, Dublin 7, D07 WY04
PHONE: +353 1 407 4000

CORK OFFICE: Phoenix House, Monahan Road, Cork, T12 H5YX
PHONE: +353 (0) 21 220453

WATERFORD OFFICE: Suite 8b The Arkum, Maritime Gate, Canada Street, Waterford, X91 W028
PHONE: +353 51 306 500

project ref.

RESIDENTIAL DEVELOPMENT
HOLLYSTOWN

drawing title

SITE 2 PROPOSED WATERMAIN
LAYOUT SHEET 2

client

GLENVEAGH HOMES LIMITED

designed by

DMW

author

GMC

scale

1:500

sheet size

A1

drawing no.

170182-DBFL-WM-SP-DR-C-1005

revision

P02

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