



- LIST OF IRISH WATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
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| 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-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 |

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- ON ORIGINAL
- LEGEND:
- SITE BOUNDARY
 - EXISTING WATERMAIN
 - 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
 - PROPOSED ROAD GRADIENT
 - EXISTING LEVELS
 - PROPOSED ROAD LEVEL
 - FINISHED FLOOR LEVEL
- 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.
 - WATERMAINS (AND SERVICE CONNECTIONS) TO BE PE-100 SDR-17 AND SHALL CONFORM TO IS EN 12201 (PART 1, PART 2 & PART 3) USE 2 No. 45 DEG. BENDS.
 - COVER TO WATERMAIN TO BE 900mm.
 - CONNECTION BETWEEN EXISTING AND PROPOSED WATERMAINS 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.
 - CONNECTIONS 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 WATERMAINS.
 - 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 WATERMAINS 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 WATERMAINS.

P02	03-12-21	STAGE 3 SHD PLANNING	RMC	BM
P01	07-04-21	STAGE 2 SHD PLANNING	GMC	DMW
rev	date	description	by	chkd.
client approval		A - Approved		
		B - Approved with comments		
		C - Do not use		
suitability		issue purpose		
S2 - INFORMATION		PLANNING		

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project ref.

**RESIDENTIAL DEVELOPMENT
HOLLYSTOWN**

drawing title

**SITE 2 PROPOSED WATERMAIN
LAYOUT SHEET 1**

client

GLENVEAGH HOMES LIMITED

designed by	author	scale	sheet size
DMW	GMC	1:500	A1
drawing no.			revision
170182-DBFL-WM-SP-DR-C-1004			P02

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