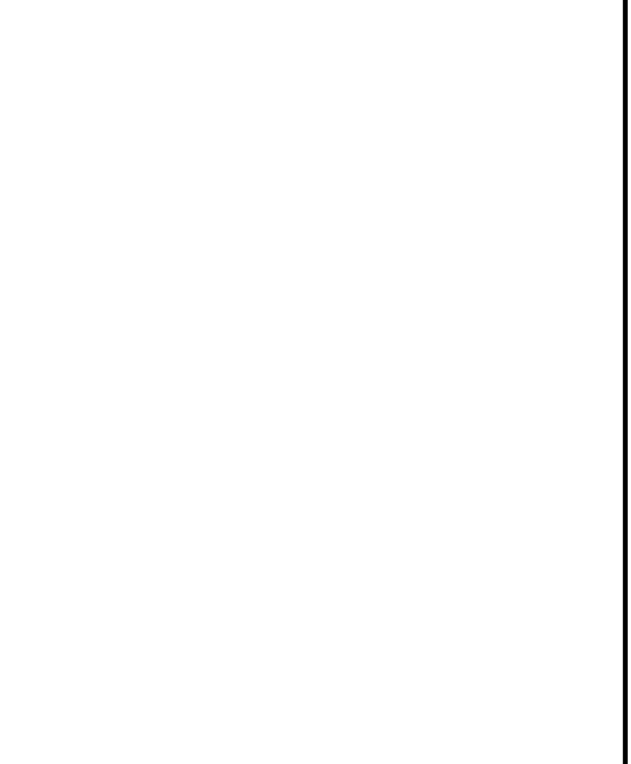
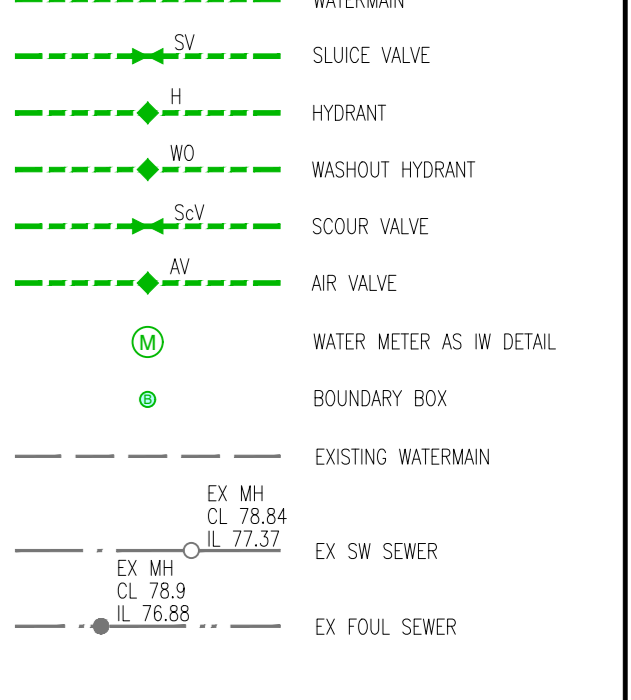


- LIST OF IRISH WATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-W-04 GENERAL PIPE CONNECTIONS (SHEET 1 OF 7)
 - STD-W-05 GENERAL PIPE CONNECTIONS (SHEET 2 OF 7)
 - STD-W-06 GENERAL PIPE CONNECTIONS (SHEET 3 OF 7)
 - STD-W-07 GENERAL PIPE CONNECTIONS (SHEET 4 OF 7)
 - STD-W-08 GENERAL PIPE CONNECTIONS (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 (300mm DIA/SHEET 1 OF 2)
 - STD-W-15 SLUICE VALVE FOR POLYETHYLENE (P.E.) PIPE (300mm 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 (300mm DIA)
 - STD-W-25 METER CHAMBER (300mm DIA)
 - STD-W-26 MARKER POSTS / PLATES
 - STD-W-27 WATER MAIN THROTTLE & SUPPORT BLOCKS
 - STD-W-28 SCOUR CHAMBER & HEAD WALL ARRANGEMENTS
 - STD-W-29 WASHOUT HYDRANT
 - STD-W-30
 - STD-W-31 TYPICAL DITCH / STREAM CROSSING FOR WATER MAIN

NOTES:

1. ALL IRISHMANS TO BE CHECKED BY CONTRACTOR ON SITE AND COMPLETED BY CONTRACTOR BEFORE WORK COMMENCES.
2. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS AND LOCATION OF EXISTING SERVICES AND PRIOR TO COMMENCEMENT OF WORKS ON SITE.
3. ALL DIMENSIONS AND LEVELS ARE IN METERS AND ARE RELATED TO ORDNANCE DATUM. CO-DRAINAGES RELATE TO I.M. ALL WATERMANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE (2007 PART 2:2011 AND I.R. 12001-1:2011).
4. CONNECTIONS BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARDS DETAIL STD-W-03 TO STD-W-09.
5. ANCHOR BLOCKS TO BE PROVIDED AT DEAD ENDS, TEEs, BENDS AND AT EACH SIDE OF HYDRANTS AND VALVES IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER STANDARDS DETAIL STD-W-03 TO STD-W-09.
6. SUPPORT BLOCKS/ANCHOR JOINTS TO BE INSTALLED AT EACH SLUICE VALVE AS PER IRISH WATER STANDARDS DETAIL STD-W-15.
7. CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STD-W-03.
8. INSTALLATION OF SLUICE VALVES, AIR VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER'S STANDARD DETAILS STD-W-14 TO STD-W-27.
9. MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER'S STANDARD DETAILS STD-W-26 AND STD-W-27.
10. CONNECTION TO EXISTING WATERMANS TO BE COMPLETED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
11. CONTRACTOR TO USE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TRENCH, CLEANING AND STABILISATION OF WATERMANS.
12. CONTRACTOR TO USE WITH IRISH WATER AND / OR THE LOCAL AUTHORITY AS REQUIRED REGARDING TRENCH, CLEANING AND STABILISATION OF WATERMANS.
13. WATERMANS TO BE PRESSURE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF IRISH WATER AND IWA 4-01-03. GUIDE TO TESTING OF PRESSURE PIPES AND FITTINGS FOR USE BY PUBLIC WATER SUPPLIERS, OCTOBER 2015. A FORMAL TEST REPORT SHALL BE SUBMITTED TO THE ENGINEER SIGNING THE TEST CARRIED OUT.
14. METERS FOR APARTMENTS (OR SIMILAR PROPERTIES) WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROLS AUTHORITY REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER.



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GOVERNMENT OF IRELAND

PLN	17/12/19	PLANNING	OSD	FILE	100000
REV	DATE	DESCRIPTION	BY	CHKD	CHKD
DESIGNED	BSM	PREPARED	PJD		
DATE	APRIL 2019	CHECKED	ELW		

STAGE 2 - PLANNING

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PROJECT:
NEWTOWNMOYAGHY SHD

DWG. TITLE:
WATERMAIN LAYOUT SHEET 1 OF 2

CLIENT:
MCGARRELL REILLY

SCALE: 1:500 (S48) FILE REF: 100000 DBFL-XX-XX-DR-C-3005
DWG. NO: 190009-DBFL-XX-XX-DR-C-3005 P1