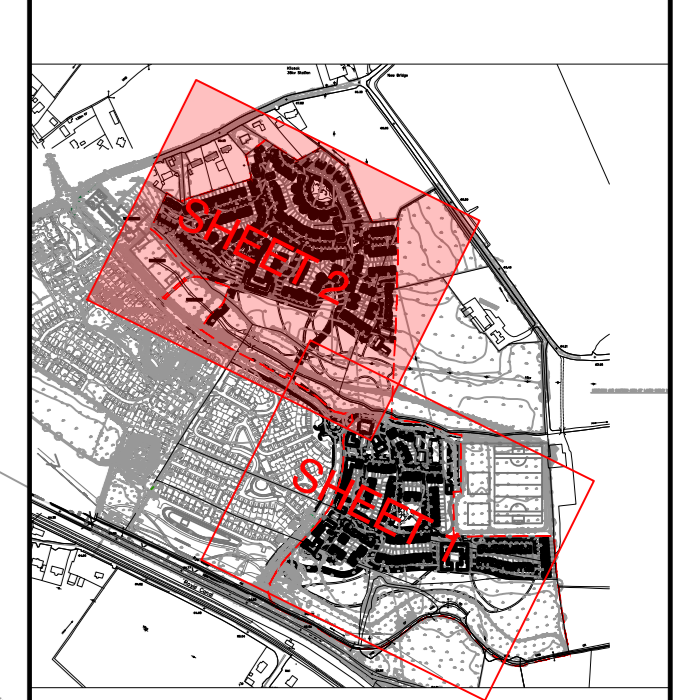
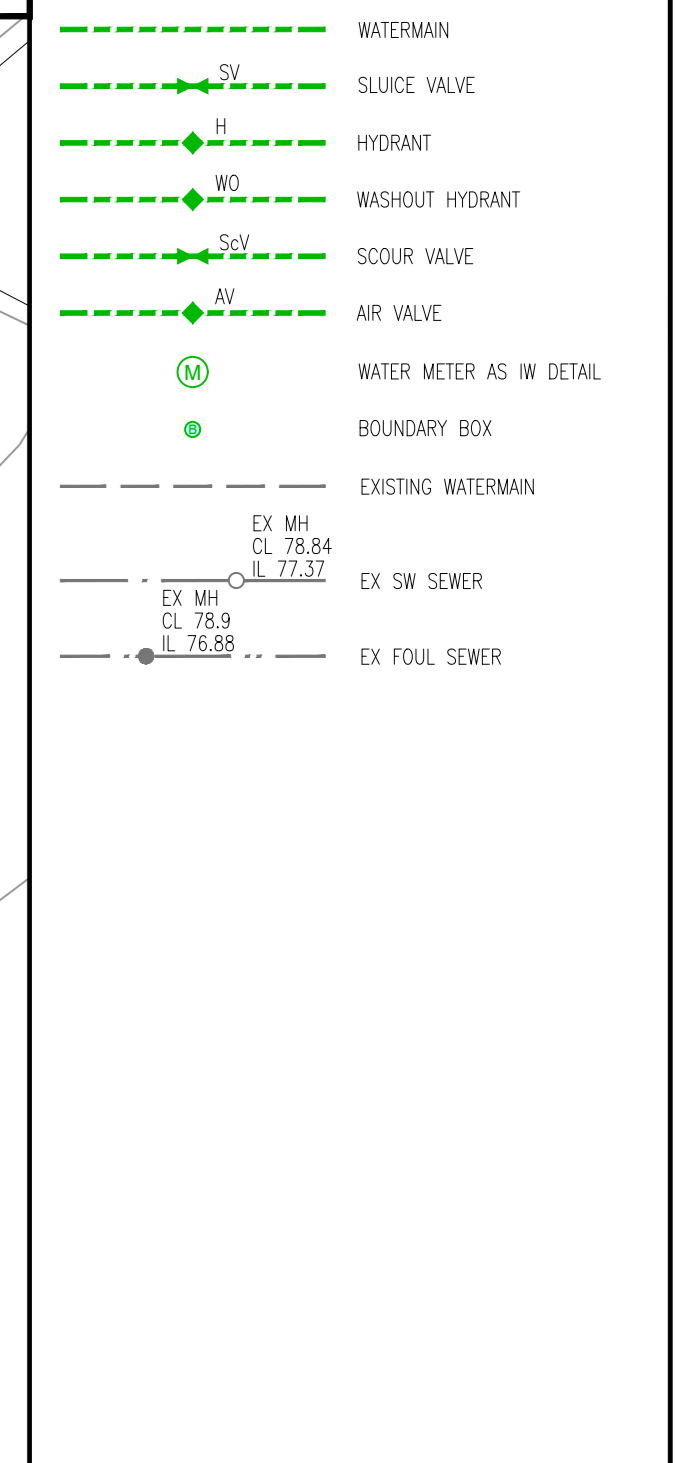


- LIST OF IRISH WATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-W-04 GENERAL PIPE CONNECTIONS (SHEET 1 OF 7)
 - STD-W-05 GENERAL PIPE CONNECTIONS (SHEET 2 OF 7)
 - STD-W-06 GENERAL PIPE CONNECTIONS (SHEET 3 OF 7)
 - STD-W-07 GENERAL PIPE CONNECTIONS (SHEET 4 OF 7)
 - STD-W-08 GENERAL PIPE CONNECTIONS (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 SLUCE VALVE FOR DUCTILE IRON (D.I.) PIPE (<350MM DIA/ SHEET 1 OF 2)
 - STD-W-15 SLUCE 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-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 TYPICAL DITCH / STREAM CROSSING FOR WATER MAIN

- NOTES:
1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND APPROVED BY ENGINEER BEFORE COMMENCEMENT OF WORKS.
 2. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS AND LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
 3. ALL DIMENSIONS AND LEVELS ARE IN METERS AND ARE RELATED TO ORDNANCE DATUM. CO-ORDINATES RELATE TO I.M. ALL WATERMANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE (<350MM DIA/ SHEET 1 OF 2) AND I.S. 8200-1:2011 AND I.S. 8200-2:2011.
 4. ALL WATERMANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-03 TO STD-W-30.
 5. CONNECTIONS BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-04 TO STD-W-10.
 6. 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 STANDARD DETAILS STD-W-11 TO STD-W-13.
 7. SUPPORT BLOCKS/ANCHORING JOINTS TO BE INSTALLED AT EACH SLUCE VALVE AS PER IRISH WATER STANDARD DETAILS STD-W-14 TO STD-W-15.
 8. CONNECTION TO INDIVIDUAL HOUSES IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-04 TO STD-W-10.
 9. REGULATION OF SLUCE VALVES, AIR VALVES AND HYDRANTS SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-14 TO STD-W-15.
 10. MARKER POSTS AND PLATES ARE TO BE PROVIDED IN ACCORDANCE WITH IRISH WATER STANDARD DETAILS STD-W-26.
 11. CONNECTION TO EXISTING WATERMANS TO BE COORDINATED BY THE CONTRACTOR WITH IRISH WATER AND/OR THE LOCAL AUTHORITY.
 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 I.S. 8200-1:2011. A GUIDE TO TESTING OF PRESSURE PIPES AND FITTINGS FOR THE 50 BAR WATER SUPPLY, OCTOBER 2015, AS A FORMAL TEST REPORT SHALL BE SUBMITTED TO THE ENGINEER SIGNING THE TEST CERTIFICATE.
 14. METER FOR APARTMENTS OR SIMILAR PROPERTIES WILL BE INSTALLED INTERNALLY WITHIN THE PREMISES IN ACCORDANCE WITH THE BUILDING CONTROLS ADOPTED REQUIREMENTS AND SUBJECT TO REVIEW BY IRISH WATER.



REV.	DATE	DESCRIPTION	BY	CHKD.
P1	17/12/19	PLANNING ISSUE		

DESIGNED	BCM	PREPARED	P.J.G.
DATE	DATE	CHECKED	DATE
APRIL 2019			

STAGE 2 - PLANNING

DBFL Consulting Engineers www.dbfl.ie

PROJECT
NEWTOWNMOYAGHY SHD

DRG. TITLE
WATERMAIN LAYOUT SHEET 2 OF 2

CLIENT
MCGARRELL REILLY

SCALE 1:500 @A4

FILE REF. 190009-DBFL-XX-XX-DR-C-3006

DRG. NO. 190009-DBFL-XX-XX-DR-C-3006 **P1**