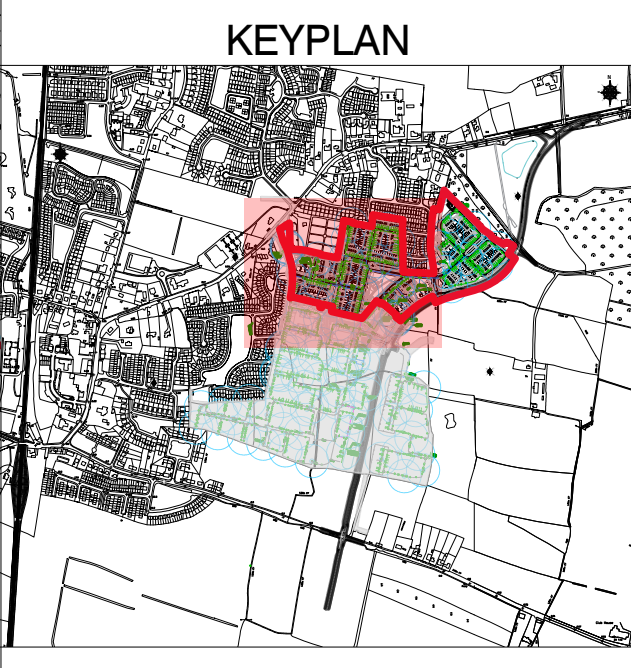




- LIST OF IRISH WATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-W-04 GENERAL PIPE CONNECTIONS (SHEET 1 OF 7)
 - STD-W-05 GENERAL PIPE CONNECTIONS (SHEET 2 OF 7)
 - STD-W-06 GENERAL PIPE CONNECTIONS (SHEET 3 OF 7)
 - STD-W-07 GENERAL PIPE CONNECTIONS (SHEET 4 OF 7)
 - STD-W-08 GENERAL PIPE CONNECTIONS (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 FRENCH 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 (<350MM DIA.)
 - STD-W-27 MARKER POSTS / PLATES
 - STD-W-28 WATER MAIN THRUST & SUPPORT BLOCKS
 - STD-W-30 SCOUR CHAMBERS & HEAD WALL ARRANGEMENTS
 - STD-W-30A WASHOUT HYDRANT
 - STD-W-31 TYPICAL DITCH / STREAM CROSSING FOR WATER MAIN

- PROPOSED SERVICES LEGEND
- WATERMAIN
 - PROPOSED 1100 WATERMAIN
 - PROPOSED 1600 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



ORDNANCE SURVEY IRELAND LICENCE
No CYAL50278885
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GOVERNMENT OF IRELAND

P02	10-10-20	LRO Stage 3 Submission	AAC	BCU
P01	03-08-20	LRO Stage 2 Submission	RT	BCU
rev	date	description	by	chk
STATUS CODES				
purpose		P3 - PLANNING PERMISSION		
approval		S - ISSUED		
DBFL CONSULTING ENGINEERS				
T : +353 1 400 4000 E : info@dbfl.ie W: www.dbfl.ie				
DUBLIN CORK GALWAY WATERFORD				
project ref BALLYMASTONE_PHASE 3 LRD				
drawing title WATERMAIN LAYOUT SHEET 1				
architect MDO				
designed by	author	RT	scale	sheet size
BCU	RT		1:500	A0
drawing no.	20003-DBF-XXXX-XX-DR-C01-133101 P02			