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ON ORIGINAL

0 10 20 30 40 50mm

GENERAL NOTES:

1. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. THE CONTRACTOR SHALL VERIFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS AND LOCATION OF EXISTING SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORK ON SITE. ANY ERRORS ARE IN METERS AND ARE RELATED TO ORIGINATE FROM E.I. CO-ORDINATES RELATE TO HIGH WATERMARKS.
3. ALL WATERMAIN VALVES AND FITTINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER STANDARD DETAILS AND IRISH WATER CODE OF PRACTICE FOR WATER MAINS.
4. ALL WATERMAIN SHALL BE HDPE, PE100, SORT 1 TO IS EN 12201:2001 AND IS EN 12201-2:2001.
5. ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED WATERMANS TO BE CARRIED OUT IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-10 TO STD-W-17.
6. ALL VALVES SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
7. ALL VALVES SHALL BE IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16. ALL VALVES SHALL BE INSTALLED AT EACH SLICE VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
8. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
9. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
10. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
11. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
12. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
13. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
14. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.
15. ALL VALVES SHALL BE INSTALLED IN ACCORDANCE WITH IRISH WATER STANDARD DETAIL STD-W-14 TO STD-W-16.

LEGEND:

- SITE BOUNDARY
- EXISTING WATERMAIN
- 150mm WATERMAIN
- WATERMAIN
- SLICE VALVES AS PER IRISH WATER STANDARD DETAIL STD-W-14/15
- HYDRANTS AS PER IRISH WATER STANDARD DETAIL STD-W-16/18
- WASHOUT HYDRANTS AS PER IRISH WATER STANDARD DETAIL STD-W-20
- AIR VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-20/22
- METER CHAMBER AS PER IRISH WATER STANDARD DETAIL STD-W-26
- BOUNDARY BOX AND 20mm OD IRISH SERVICE CONNECTION
- PRESSURE REDUCING VALVE AS PER IRISH WATER STANDARD DETAIL STD-W-24

ORDNANCE SURVEY IRELAND LICENCE No EN 0017918 © ORDNANCE SURVEY IRELAND GOVERNMENT OF IRELAND

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 THROUST & 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

PLANNING

DESIGNED	NO.01	PREPARED	NO.01
DATE	NOV 2018	CHECKED	DATE

DEFL Consulting Engineers www.defl.ie

PROJECT: LANDS AT NEWCASTLE, SOUTH DUBLIN

DRW TITLE: WATERMANS LAYOUT SHEET 2

ARCHITECT: MOLA

SCALE: 1:500 (A4) FILE REF: 170024-3011

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