

EXISTING 800mm WATERMAIN

CONNECT TO PERMITTED 150mm PHASE 2 WATERMAIN NETWORK

P1301

MOORETOWN PHASE 2 APPROVED UNDER REG. REF. F16A/0505

CONNECT TO PERMITTED 100mm PHASE 2 WATERMAIN NETWORK

CONNECT TO PERMITTED 150mm PHASE 2 WATERMAIN NETWORK

MOORETOWN SCHOOL CAMPUS CONSTRUCTED UNDER REG. REF. F18A/0163

MOORETOWN MAIN STREET (SCHOOL ACCESS ROAD) CONSTRUCTED UNDER REG. REF. F14A/0012

CONNECT TO EXISTING 150mm WATERMAIN SPUR

CONNECT TO EXISTING 150mm WATERMAIN

EXTENT OF PROPOSED MOORETOWN PHASE 3

CONNECT TO EXISTING 150mm WATERMAIN

P1303

EXISTING 300mm DIAMETER TRUNK WATERMAIN

MOORETOWN ROAD EXTENSION PLANNING APPROVED UNDER REG. REF. F20A/0095

PROPOSED 300mm DIAMETER TRUNK WATERMAIN TO BE CONSTRUCTED UNDER REG. REF. F20A/0095

CONNECT TO EXISTING 150mm WATERMAIN SPUR FROM 300mm TRUNK MAIN

CONNECT TO PERMITTED MOORETOWN ROAD EXTENSION 150mm WATERMAIN SPUR FROM 300mm TRUNK MAIN

CONNECT TO PERMITTED MOORETOWN ROAD EXTENSION 150mm WATERMAIN SPUR FROM 300mm TRUNK MAIN

CONNECT TO EXISTING 150mm WATERMAIN

CONTROL VALVE TO BE INSTALLED - TO BE IN OFF POSITION DURING NORMAL OPERATIONS. CONTROL VALVE TO BE TO IS EN 1074 - VALVES FOR WATER SUPPLY - FITNESS FOR PURPOSES AND APPROPRIATE SPECIFICATION TESTS - PART 5

NOTES:

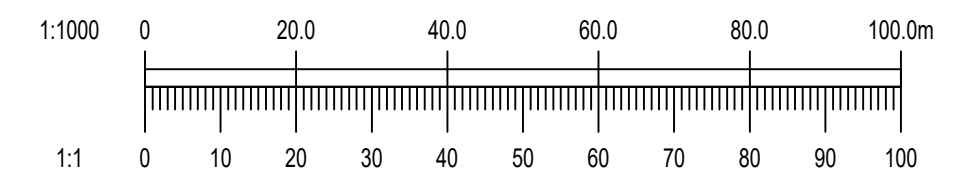
1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.

LEGEND

- PROPOSED 100mm & 150mm HDPE WATERMAIN
- EXISTING WATERMAIN

NOTES:

1. DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS.
3. ALL PIPE MATERIALS SHALL BE IN ACCORDANCE WITH SECTION 3.9 OF THE IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE. WATERMANS SHALL BE EITHER DUCTILE IRON (DI) OR POLYETHYLENE (PE), WITH PE80 OR PE100 RATING (HDPE, HDPEOR HDPE). ALL PLASTIC WATER PIPES SHALL BE BLUE IN COLOUR.
4. ALL SERVICE CONNECTIONS TO BE 25# HDPE(SDR-17).
5. ALL WATERMANS UNDER ROADS OR AT ROAD CROSSINGS TO BE HDPE OR DUCTILE IRON.
6. HDPE DISTRIBUTION PIPES TO BE PE-100(SDR-17).
7. DUCTILE IRON PIPES TO IS EN 545 WITH C40 POWER RATING.
8. AIR VALVE AND HYDRANTS COVERS, WHERE LOCATED IN GRASS AREAS, SHALL BE SURROUNDED BY A CONCRETE PLINTH, 200mm ALL ROUND AND 100mm DEEP FORMED WITH C20/25 CONCRETE, 20mm AGGREGATE SIZE, BEDDED IN CLAUSE 804 MATERIAL. THE PLINTH SHALL INCORPORATE MILD STEEL REINFORCED LINKS AND SHALL HAVE BULL-NOSE FINISH AROUND ITS EXTERNAL PERIMETER.
9. THRUST BLOCKS SHALL BE PROVIDED AT EACH BEND ALONG THE COURSE OF THE WATERMAIN.
10. PLANTING ADJACENT TO WATER INFRASTRUCTURE SHALL COMPLY WITH IRISH WATER STANDARD DETAIL STD-W-12A.
11. HORIZONTAL AND VERTICAL SERVICE LAYOUT DISTANCES SHALL BE AS PER IRISH WATER STANDARD DETAIL STD-W-11.
12. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT ALL WORKS ARE CONSTRUCTED IN ACCORDANCE WITH THE IRISH WATER CODE OF PRACTICE AND STANDARD DETAILS. THE CODE OF PRACTICE AND STANDARD DETAILS ARE AVAILABLE TO DOWNLOAD FROM THE IRISH WATER WEBSITE AT WWW.WATER-IRISH.COM/CONNECTIONS/DEVELOPER-SERVICES/. WHERE THE DETAILS CONTAINED ON THIS DRAWING DIFFER FROM THE IRISH WATER CODE OF PRACTICE OR STANDARD DETAILS THIS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. IRISH WATER STANDARDS WILL TAKE PRECEDENCE.



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A	12/04/22	FINAL SHD SUBMISSION	MS	MD
REV.	DATE	AMENDMENT	DRN	APPD

STATUS **PLANNING**

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PROJECT **PHASE 3, MOORETOWN**

TITLE **WATERMAIN GENERAL ARRANGEMENT**

DRAWN MS	DESIGNED RM	APPROVED MD	DATE JULY 2021
SCALE 1:1000 @ A1	JOB NO. 21-011	DRG. NO. P1300	REVISION A

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