



- LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENT
 - STD-WW-03 DRAIN AND SERVICE CONNECTION PIPEWORK
 - STD-WW-04 TYPICAL SEWER/SERVICE PIPE CONNECTION
 - STD-WW-05 TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES
 - STD-WW-06 RESTRICTIONS ON TREES/SHRUBS PLANTING ADJACENT TO SEWERS
 - STD-WW-07 TRENCH BACKFILL & BEDDING
 - STD-WW-08 CONCRETE BED, HAUNCH & SURROUND TO WASTEWATER PIPES
 - STD-WW-09 BLOCKWORK MANHOLE (400mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 IN-SITU CONCRETE MANHOLE
 - STD-WW-12 BACKSLOPE OF MANHOLES
 - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
 - STD-WW-14 THROST BLOCKS FOR RISING MAINS
 - STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I.) PIPE (<200mm)(SHEET 1 OF 2)
 - STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E.) PIPE (<200mm)(SHEET 2 OF 2)
 - STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mm)
 - STD-WW-19 DUCT CHAMBER
 - STD-WW-20 EMERGENCY OVERFLOW STRUCTURE
 - STD-WW-21 TYPICAL DITCH/STREAM CROSSING FOR GRAVITY MAIN (SHEET 1 OF 2)
 - STD-WW-22 TYPICAL DITCH/STREAM CROSSING FOR RISING MAIN (SHEET 2 OF 2)
 - STD-WW-23 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 1 OF 2)
 - STD-WW-24 TYPICAL BRIDGE CROSSING FOR RISING MAIN (SHEET 2 OF 2)
 - STD-WW-25 SECURITY GATE & FENCING
 - STD-WW-26 INDICATIVE PUMPING STATION LAYOUT
 - STD-WW-27 FLOW METER CHAMBERS (FOUL RISING MAIN <200mm)
 - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
 - STD-WW-29 RISING MAIN DISCHARGE MANHOLE
 - STD-WW-30 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
 - STD-WW-31 KIOSK TYPE 2 + 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
 - STD-WW-32 HARVESTING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
 - STD-WW-33 LAMP BOLLARD & LAMP STANDARD
 - STD-WW-34 VENT STACK

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ON ORIGINAL

GENERAL NOTES:

1. ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING FINISH 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 IVM.
4. ALL FLOOR SERVICES, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WATER INFRASTRUCTURE TOTAL MAX. ALLOWABLE DEPTH TO FINISH FLOOR LEVEL (D.F.L.) IS 1000mm.
5. ALL PUBLIC FLOOR SERVICES TO BE MINIMUM 225mm DIAMETER CLASS B CONCRETE TO EN 14181 & EN 12058 OR UP TO EN 14181 2009/2012, STIFFNESS CLASS B/M/2 IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
6. ALL PUBLIC FLOOR SERVICES TO BE MINIMUM 150mm DIAMETER CLASS B CONCRETE TO EN 14181 & EN 12058 OR UP TO EN 14181 2009/2012, STIFFNESS CLASS B/M/2 IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
7. ALL PUBLIC FLOOR SERVICES TO BE MINIMUM 150mm DIAMETER CLASS B CONCRETE TO EN 14181 & EN 12058 OR UP TO EN 14181 2009/2012, STIFFNESS CLASS B/M/2 IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
8. BRAMBLE WORKS
9. ALL BRAMBLE WORKS CONNECTIONS TO BE MINIMUM 150mm DIAMETER CLASS B CONCRETE TO EN 14181 & EN 12058 OR UP TO EN 14181 2009/2012, STIFFNESS CLASS B/M/2 IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
10. LOCATION AND INVERT LEVELS OF EXISTING MANHOLES OR OUTFALL POINTS, WHERE APPLICABLE TO BE DERIVED BY CONTRACTOR PRIOR TO COMMENCEMENT OF BRAMBLE WORKS. ALL COVER LEVELS TO MATCH FINISH FLOOR LEVEL.
11. ROADWORKS TO INCLUDE FOR CCTV SURVEY OF ALL SERVICES WITHIN 100m OF ROAD.
12. ALL FLOOR SERVICES TO BE AIR TESTED IN ACCORDANCE WITH IRISH WATER SPECIFICATIONS.
13. WHERE COVERS ARE LOCATED IN GRASS AREAS THEY SHALL BE SURROUNDED BY A CONCRETE CURB 200mm ALL ROUND AND 100mm DEEP FINISHED WITH CO/25 CONCRETE. DOWNHOLE COVER SIZE REFER TO CLASS B/200 MATERIAL.
14. CONTRACTOR TO ENSURE GULLIES ARE PROVIDED AT LOW POINTS.

LEGEND

- PROPOSED EXTENT OF WORKS BOUNDARY
- PROPOSED ROADWAY
- PERMEABLE FINING (PRIVATE)
- PROPOSED ROAD LEVEL
- FINISHED FLOOR LEVEL
- PROPOSED SURFACE WATER SEWER
- PROPOSED SURFACE WATER GULLY AND 1500 COLLECTOR PIPE
- PROPOSED SURFACE WATER BRID MANHOLE
- PROPOSED SURFACE WATER SCALE WITH LATERAL INLET KEPS
- PROPOSED FOUL WATER SEWER
- EXISTING WATERMAIN
- EXISTING FOUL SEWER
- EXISTING FOUL SEWER

EXISTING FLOODWORKS MITIGATION LEGEND

- HEAVY FLOOD TOP WATER LEVEL FROM KIRKES
- CONSTRUCTED FLOOD STORAGE ZONE 1% AEP FLOOD EXTENTS
- EXISTING REINFORCED EARTH BERM/FILL AREA
- EXISTING FLOW RETURN PIPES THROUGH REINFORCED EARTH BERM
- FLOODPLAIN GROUND LEVEL
- EXISTING RIVER/STREAM



ORDNANCE SURVEY IRELAND LICENCE No EN 0017919
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PT: 17/12/19	PLANNING ISSUE	DATE	DESCRIPTION	BY	CHK
DESIGNED	BCM	PREPARED	PJD		
DATE	APRIL 2019	CHECKED	DATE		

STAGE 2 - PLANNING

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PROJECT: **NEWTOWNMOYAGHY SHD**

DRWG TITLE: **OVERALL SITE SERVICES**

CLIENT: **MCGARRELL REILLY**

SCALE: 1:1000 (A4)
 FILE REF: 190009-DBFL-XX-XX-DR-C-3003
 DRG NO: 190009-DBFL-XX-XX-DR-C-3003 P1