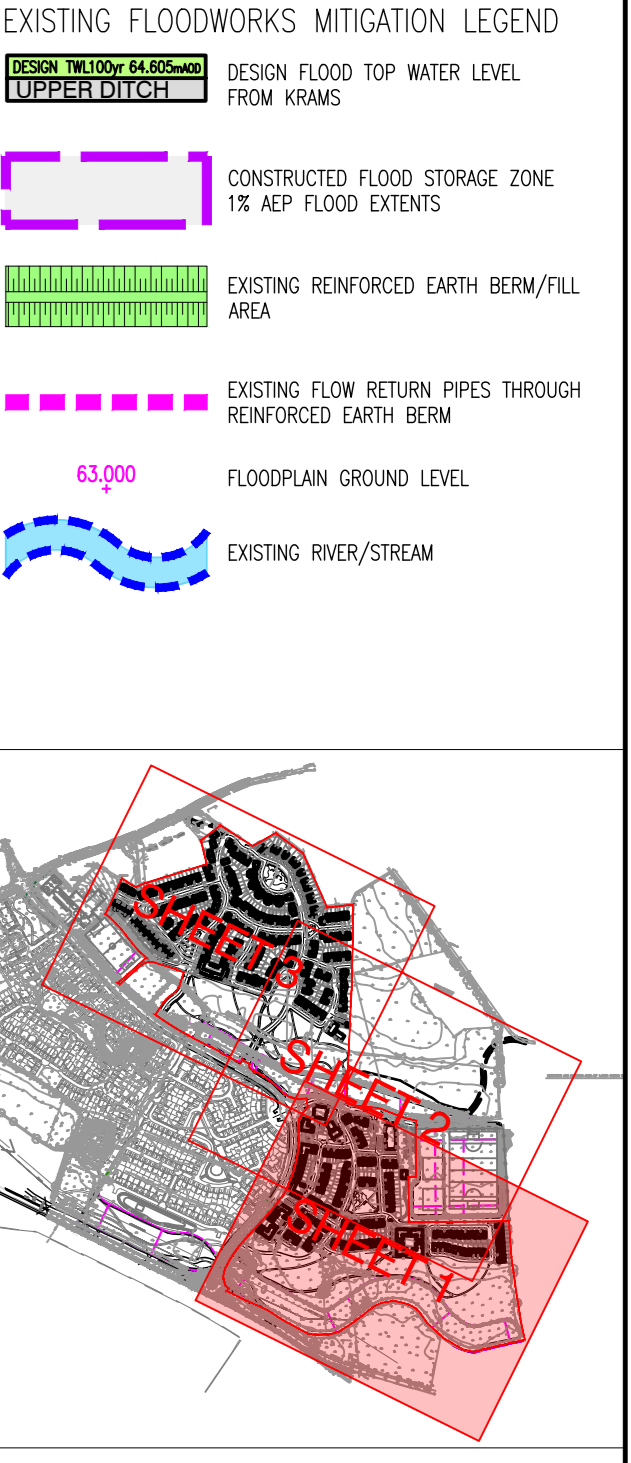


- LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT
- STD-WW-02 TYPICAL LAYOUT FOR SEWER WITHIN NEW DEVELOPMENT
 - STD-WW-03 DRAIN AND SERVICE CONNECTION PIPEWORK
 - STD-WW-04 TYPICAL SEWER/SERVICE PIPE CONNECTION
 - STD-WW-05 TYPICAL SERVICE LAYOUT INDICATING SEPARATION DISTANCES
 - 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 (450mm)
 - STD-WW-10 PRE-CAST CONCRETE MANHOLE
 - STD-WW-11 IN-SITU CONCRETE MANHOLE
 - STD-WW-12 BLOCKWORK MANHOLES
 - STD-WW-13 PRIVATE SITE 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 (DI) PIPE (<200mm) (SHEET 1 OF 2)
 - STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAINS POLYETHYLENE (PE) 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 2 + 3 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

- NOTES:
1. ALL DRAWINGS 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 ELEVATIONS 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 SURVEY (OS) DATUMS UNLESS OTHERWISE STATED.
 4. ALL FLOOD SERVICES, MANHOLES AND CONNECTIONS TO BE CONSTRUCTED IN ACCORDANCE WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE STANDARD DETAILS FOR WASTEWATER INFRASTRUCTURE (SHEET 1 OF 2).
 5. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE MINIMUM 150mm DIA. STIFFNESS CLASS SN10/20. ALL PUBLIC FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 6. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 7. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 8. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 9. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 10. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 11. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 12. ALL PUBLIC FLOOD SERVICES TO BE MINIMUM 225mm DIA. STIFFNESS CLASS SN10/20. ALL PRIVATE FLOOD SERVICES TO BE EN 1401 2009/2012, STIFFNESS CLASS SN10/20.
 13. WHERE COVERS ARE LOCATED IN GRASS AREAS THEY SHALL BE SURROUNDED BY A CONCRETE CURB 200MM ALL ROUND AND HUMAN DEEP FENCED WITH CO2/25 CONCRETE. DOWN ACCESSIBLE SITE BEHIND 1000MM HIGH MASONRY WALL.
 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 1500mm COLLECTOR PIPE
 - PROPOSED SURFACE WATER BRID
 - PROPOSED SURFACE WATER SWALE WITH LATERAL INLET PERP
 - PROPOSED FLOOD WATER SEWER
 - EXISTING WATERMAIN
 - EXISTING EX-SITU SEWER
 - EXISTING EX-SITU SEWER
 - EXISTING FLOODWORKS MITIGATION LEGEND
 - EXISTING FLOOD TOP WATER LEVEL FROM WORKS
 - CONSTRUCTED FLOOD STORAGE ZONE
 - EXISTING REINFORCED EARTH BEAM/FILL AREA
 - EXISTING FLOW RETURN PIPES THROUGH REINFORCED EARTH BEAM
 - FLOODPLAIN GROUND LEVEL
 - EXISTING RIVER/STREAM



ORDNANCE SURVEY IRELAND LICENCE NO EN 0017919
 © ORDNANCE SURVEY IRELAND GOVERNMENT OF IRELAND

PT	17/12/19	PLANNING ISSUE	BY	AC	SDM
REV		DESCRIPTION	BY	CHK	CHKD
STAGE 2 - PLANNING					
DESIGNED	BCM	PREPARED	PLD		
DATE	APRIL 2019	CHECKED	CHKD		

DBFL Consulting Engineers www.dbfl.ie

PROJECT: **NEWTOWNMOYAGHY SHD**

DWG TITLE: **SITE SERVICES LAYOUT SHEET 1 OF 3**

CLIENT: **MCGARRELL REILLY**

SCALE: 1:500 (B4)

FILE REF: 190009-DBFL-XX-XX-DR-C-3000

DWG NO: 190009-DBFL-XX-XX-DR-C-3000 P1