



- 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 DET. MANHOLE & SURROUND TO WASTEWATER PIPES
  - STD-WW-09 BLOCKWORK MANHOLE (<450mmØ)
  - STD-WW-10 PRE-CAST CONCRETE MANHOLE
  - STD-WW-11 IN-SITU CONCRETE MANHOLE
  - STD-WW-12 BACKDOP MANHOLES
  - STD-WW-13 PRIVATE SIDE INSPECTION CHAMBER
  - STD-WW-14 THRUST BLOCKS FOR RISING MAINS
  - STD-WW-15 SCOUR VALVE CHAMBER (FOUL RISING MAIN <200mmØ)
  - STD-WW-16 SLUICE VALVE DETAILS FOR RISING MAINS DUCTILE IRON (D.I) PIPE (<200mmØ) (SHEET 1 OF 2)
  - STD-WW-17 SLUICE VALVE DETAILS FOR RISING MAIN POLYETHYLENE (P.E) PIPE (<200mmØ) (SHEET 2 OF 2)
  - STD-WW-18 AIR VALVE CHAMBER (FOUL RISING MAIN <200mmØ)
  - 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 CHAMBER (FOUL RISING MAIN <200mmØ)
  - STD-WW-28 INDICATIVE SUBMERSIBLE PUMPING STATION
  - STD-WW-28A INDICATIVE PRE-CAST CONCRETE 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 HARDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
  - STD-WW-33 LAMP BOLLARD & LAMP STANDARD
  - STD-WW-34 VENT STACK

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ON ORIGINAL

NOTES:

GENERAL NOTES:

1. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WORKS REQUIREMENTS.
2. ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE.
3. ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR.
4. ALL LEVELS ARE TO ORDNANCE DATUM (MAIN HEAD).
5. ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS.
6. THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS REQUIRED IN THE WORKS REQUIREMENTS.
7. ROUTES WITHIN AND SURROUNDING THE WORKS EXTENTS MUST BE MAINTAINED THROUGHOUT THE WORKS IN ACCORDANCE WITH THE CONTRACTORS APPROVED TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT PLAN.

DRAWING SPECIFIC NOTES:

1. ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES.
2. CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE.
3. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE.
4. MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS.
5. ALL DRAINAGE TO BE AS PER THE LOCAL AUTHORITY CODE OF PRACTICE FOR DRAINAGE WORKS/LOCAL AUTHORITY & IRISH WATER REQUIREMENTS.
6. ALL EXTERNAL COLLECTOR DRAINS TO BE MINIMUM 150mm DIA.
7. ALL FOUL SEWERS TO BE CONCRETE OR WAPIN SPEC AS PER IRISH WATER SPECIFICATION, AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE.
8. ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 62004.
9. THIS DRAWING IS BASED ON TOPO SURVEY BY J&L SURVEY LIMITED, DATED 11/12/2017.
10. CONTRACTOR SHALL INSPECT THE ROUTE & CONFIRM LOCATIONS OF ALL TREES, FEATURES, ENTRANCES & ASPECTS IMPACTING CONSTRUCTION OF THE WORKS.

- LEGEND
- PROPOSED EXTENT OF WORKS BOUNDARY
  - PERMEABLE PAVING (PRIVATE)
  - PERMEABLE PAVING (MANAGEMENT COMPANY)
  - PROPOSED ROAD LEVEL
  - FINISHED FLOOR LEVEL
  - FFL - STEP
  - PROPOSED SURFACE WATER SEWER
  - PROPOSED SURFACE WATER GULLY AND 1500mm COLLECTOR PIPE
  - PROPOSED SUDS CONNECTION TO TREE PIT
  - SW INSPECTION CHAMBER AND 100mmØ UPVC HOUSE DRAIN
  - SURFACE WATER DIFFUSER BOX
  - UNDERGROUND ATTENUATION STORAGE (STORMTECH)
  - DRAINAGE STONE LAYER
  - PROPOSED TREE PIT
  - PROPOSED SURFACE WATER SWALE WITH GRATED OUTLET
  - PROPOSED DETENTION BASIN
  - EXISTING OPEN DRAIN/DITCH
  - RELOCATED OPEN DRAIN/DITCH
  - EXISTING OPEN DRAIN TO BE INFILLED
  - PROPOSED FOUL WATER SEWER
  - FOUL MANHOLES IN GRASSED AREAS TO HAVE 200mm CONCRETE PLINTH (100mm DEEP) WITH C20/25 CONCRETE (20mm AGG)
  - FOUL INSPECTION CHAMBER AND 100mmØ UPVC HOUSE DRAIN
  - EXISTING WATERMAIN
  - EX MH Ø 75.9
  - EX SW SEWER
  - EX FOUL SEWER
  - DECOMMISSIONED SEWER

P02	15-12-21	STAGE 3 SHD PLANNING	GMC	BCM
P01	07-04-21	STAGE 2 SHD PLANNING	GMC	DMW
rev	date	description	by	chkd.
A		Approved		
B		Approved with comments		
C		Do not use		
client approval		issue purpose		
submittal	S2 - INFORMATION	PLANNING		
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SITE 3 SITE SERVICES SHEET 1				
client				
GLENVEAGH HOMES LIMITED				
designed by	author	scale	sheet size	
DMW	GMC	1:500	A1	
drawing no.		revision		
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