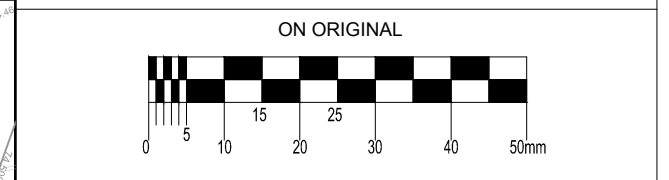




LIST OF IRISH WATER WASTEWATER STANDARD DETAILS BROUGHT INTO THE CONTRACT

- 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 (<450mmØ)
- STD-WW-10 PRE-CAST CONCRETE MANHOLE
- STD-WW-11 IN-SITU CONCRETE MANHOLE
- STD-WW-12 BACKDROP 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-29 INDICATIVE PRE-CAST CONCRETE SUBMERSIBLE PUMPING STATION
- STD-WW-30 RISING MAIN DISCHARGE MANHOLE
- STD-WW-31 KIOSK TYPE 1 PUMPING STATION & WET KIOSK (SHEET 1 OF 2)
- STD-WW-32 KIOSK TYPE 2 & 3 PUMPING STATION & WET KIOSK (SHEET 2 OF 2)
- STD-WW-33 HANDSTANDING AREA PUMPING STATION (PERMEABLE & IMPERMEABLE)
- STD-WW-34 LAMP BOLLARD & LAMP STANDARD
- STD-WW-35 VENT STACK

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- NOTES:
- GENERAL NOTES:
- ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WORKS REQUIREMENTS
 - ALL DIMENSIONS IN METRES UNLESS SPECIFIED OTHERWISE
 - ALL CO-ORDINATES ARE TO IRISH TRANSVERSE MERCATOR
 - ALL LEVELS ARE TO ORDNANCE DATUM (MAIN HEAD)
 - ALL TEMPORARY TRAFFIC & OPERATIONS MANAGEMENT SHALL COMPLY FULLY WITH THE WORKS REQUIREMENTS
 - THE CONTRACTOR MUST LIAISE DIRECTLY WITH LOCAL AUTHORITY DEPARTMENTS AS DIRECTED IN THE WORKS REQUIREMENTS
 - ALL VEHICULAR & PEDESTRIAN, CYCLE & PRIVATE ACCESS 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:
- ALL DRAWINGS TO BE CHECKED BY CONTRACTOR ON SITE AND ENGINEER INFORMED OF DISCREPANCIES BEFORE WORK COMMENCES
 - CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF EXISTING DRAINAGE LEVELS & SERVICES ON SITE PRIOR TO COMMENCEMENT OF WORKS ON SITE
 - ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS NOTED OTHERWISE
 - MANHOLE COVER LEVELS ARE TO CONFORM WITH FINISHED ROAD AND PATH LEVELS
 - ALL DRAINAGE TO BE AS PER THE LOCAL AUTHORITY CODE OF PRACTICE FOR DRAINAGE WORKS/LOCAL AUTHORITY & IRISH WATER REQUIREMENTS
 - ALL EXTERNAL COLLECTOR DRAINS TO BE MINIMUM 150mm DIA
 - ALL FOUL SEWERS TO BE CONCRETE OR WOVEN SPEC AS PER IRISH WATER SPECIFICATION, AND COMPLY WITH THE REQUIREMENTS OF THE IRISH WATER CODE OF PRACTICE
 - ALL SURFACE WATER SEWERS TO BE CLASS H CONCRETE TO EN1916 & IS 6 2004
 - THIS DRAWING IS BASED ON TOPO SURVEY BY J&L SURVEY LIMITED, DATED 11/12/2017
 - 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 Q. 76.84 IL. 71.73
 - EX SW SEWER
 - EX FOUL SEWER
 - DECOMMISSIONED SEWER

P02	03-12-21	STAGE 3 SHD PLANNING	RMC	BM
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
	PLANNING

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drawing title

SITE 2 SITE SERVICES SHEET 2

client

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