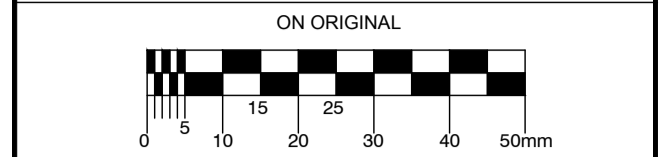


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- NOTES:
- FOUL PUMPING STATION, TO COMPLY WITH IRISH WATER CODE OF PRACTICE FOR WASTEWATER INFRASTRUCTURE.
 - PUMPS TO BE INSTALLED TO MANUFACTURERS DETAILS & SPECIFICATION
 - PUMP MANUFACTURER TO SUPPLY DETAILS OF STANDARD ANNUAL MAINTENANCE FOR PUMPS
 - PUMP MANUFACTURER TO SUPPLY DETAILS OF RECOMMENDED SPARE PARTS FOR 20 YEARS OPERATION
 - WARNING SIGN TO BE MOUNTED ON GATE. SIGN TO HAVE BLACK TEXT ON YELLOW BACKGROUND AND INDICATE 'DANGER KEEP OUT - ELECTRICAL EQUIPMENT & DEEP TANKS'
 - PUMPING FACILITY TO BE SUITABLY LANDSCAPED TO ARCHITECTS DETAILS.
 - GALVANISED STEEL ACCESS COVER TO BE PROVIDED ON ALL CHAMBERS WITH NON-SLIP SURFACE. ALL COVERS TO BE LOCKABLE. CHAMBER COVERS TO COMPLY WITH BS EN 124.
 - DAVITS & SOCKETS TO BE GALVANISED.
 - LIFTING DAVITS, TACKLE AND SOCKETS SHOULD BE RATED TO LIFT TWICE THE WEIGHT OF EACH PUMP UNIT WITH A MINIMUM RATING OF 500kg, SAFE WORKING LOAD.
 - ALL METAL EQUIPMENT ON THE PUMP STATION SITE TO BE BONDED TO EARTH. EARTH ROD WITH INSPECTION PIT TO BE INSTALLED.
 - MINIMUM PUMP CUT-OUT LEVEL TO BE ABOVE THE TOP OF THE PUMP MOTORS.
 - LEVEL DETECTION TO BE ULTRASONIC AND HAVE SUITABLE CONNECTIONS TO STANDARD LOGGERS / SCADA SYSTEMS.
 - VENT STACKS TO BE FITTED WITH ANTI-BIRD COWLS.
 - CONTINUOUS CONCRETE FOOTPATH TO BE PROVIDED AROUND KIOSKS AND PUMP STATION.
 - ALL DUCTING FROM PUMP CHAMBER TO BE SEALED AIRTIGHT.
 - ELECTRICAL REQUIREMENTS TO MEET IRISH WATER CODE OF PRACTICE FOR WASTEWATER.
 - TELEMETRY TO BE PROVIDED FOR PUMPING STATION TO MEET IRISH WATER REQUIREMENTS.
 - PUMPING STATION TO HAVE REMOTE/ALARM MONITORING TO MEET IRISH WATER REQUIREMENTS.
 - PUMPS TO BE DUTY/STANDBY SUBMERSIBLE SUITABLE FOR RAW, UNSCREENED DOMESTIC SEWAGE.
 - PUMPS TO BE MOUNTED ON A CAST IRON COUPLING/DUCK-FOOT PEDESTAL.
 - ALL PIPE WORK AND VALVES TO BE DUCTILE IRON TO IS EN 598 SUITABLE FOR USE WITH SEWAGE WITH PN-16 FLANGES TO BS EN 1092-1.
 - VALVE CHAMBER TO INCLUDE FEMALE BAUER CONNECTION AND SLUICE VALVE ON A TEE FOR PUMPING DOWN THE PUMP STATION.
 - PUDDLE FLANGES TO BE USED TO ENSURE A SEAL BETWEEN PIPES AND IN-SITU CONCRETE WALL.
 - ALL IN-SITU CONCRETE TO BE C30/37 TO IS EN 206.
 - ALL OPENING TO BE CORED AND SEALED WITH FORSHEDA F910 WALL SEALS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS OR SIMILAR APPROVED PRODUCT.

- VALVE AND METER CHAMBER EQUIPMENT
- NON RETURN VALVE
 - SLUICE VALVE WITH HAND WHEEL
 - SLUICE VALVE ON VERTICAL LINE WITH BAUER CONNECTION
 - FREE FLOW METER
 - LONG RADIUS BEND
 - LONG RADIUS TEE

REV.	DATE	DESCRIPTION	BY	CHKD.
PLANNING				
DESIGNED	JPC	PREPARED	DJG	
DATE	OCT 2018	CHECKED	DJR	

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PROJECT
SITE AT BLUEBELL, NAAS

DRG. TITLE
PUMPING STATION DETAILS

CLIENT
ARDSTONE HOMES

SCALE	AS SHOWN @A1	FILE REF.	170198-3216
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