

NOTES

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- C. DO NOT SCALE DIMENSIONS.
- D. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION. DISCREPANCIES SHALL BE REPORTED TO THIS OFFICE IN WRITING.

- 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
- 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 SEWERAGE 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 F810 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

REV DATE DESCRIPTION

FOR INFORMATION

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PROJECT TITLE

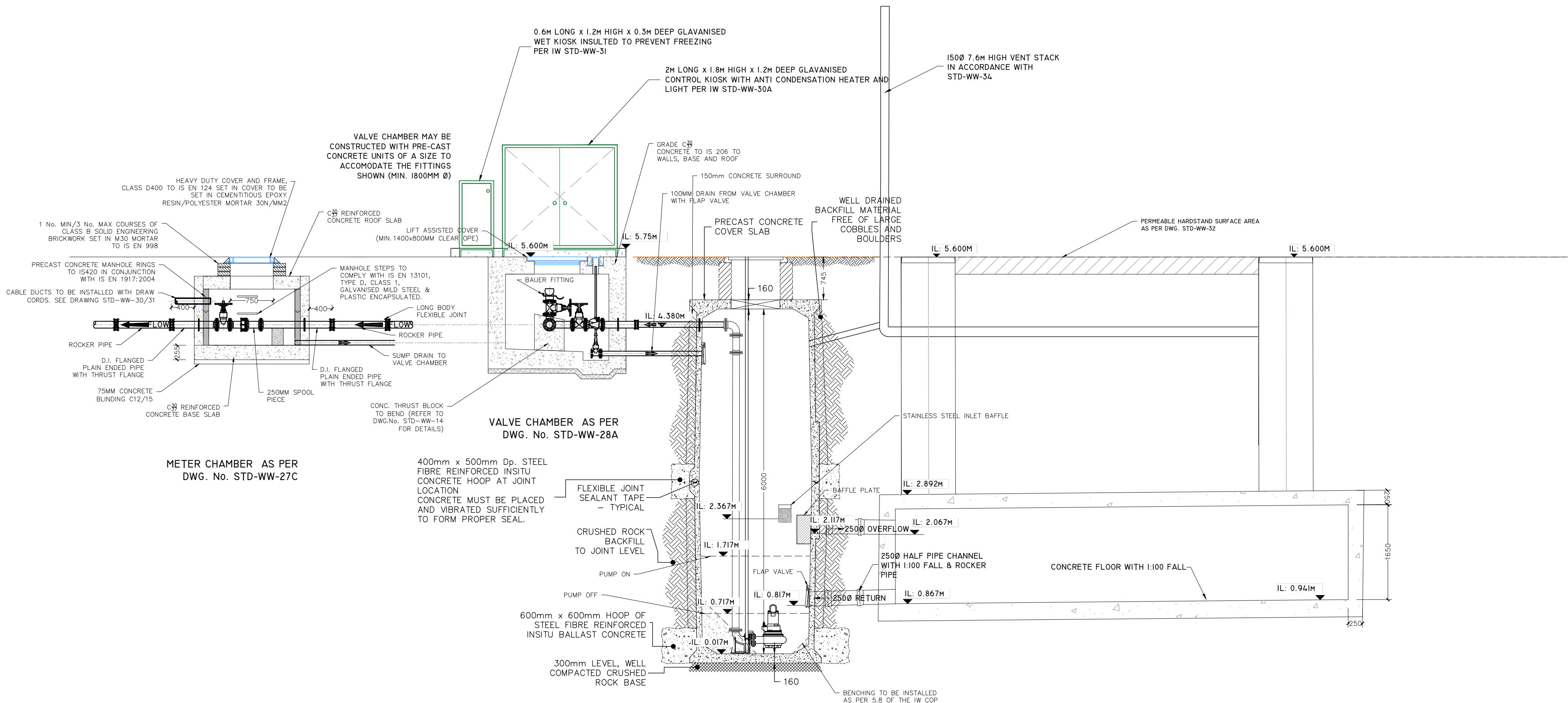
CARTRON GALWAY

DRAWING TITLE

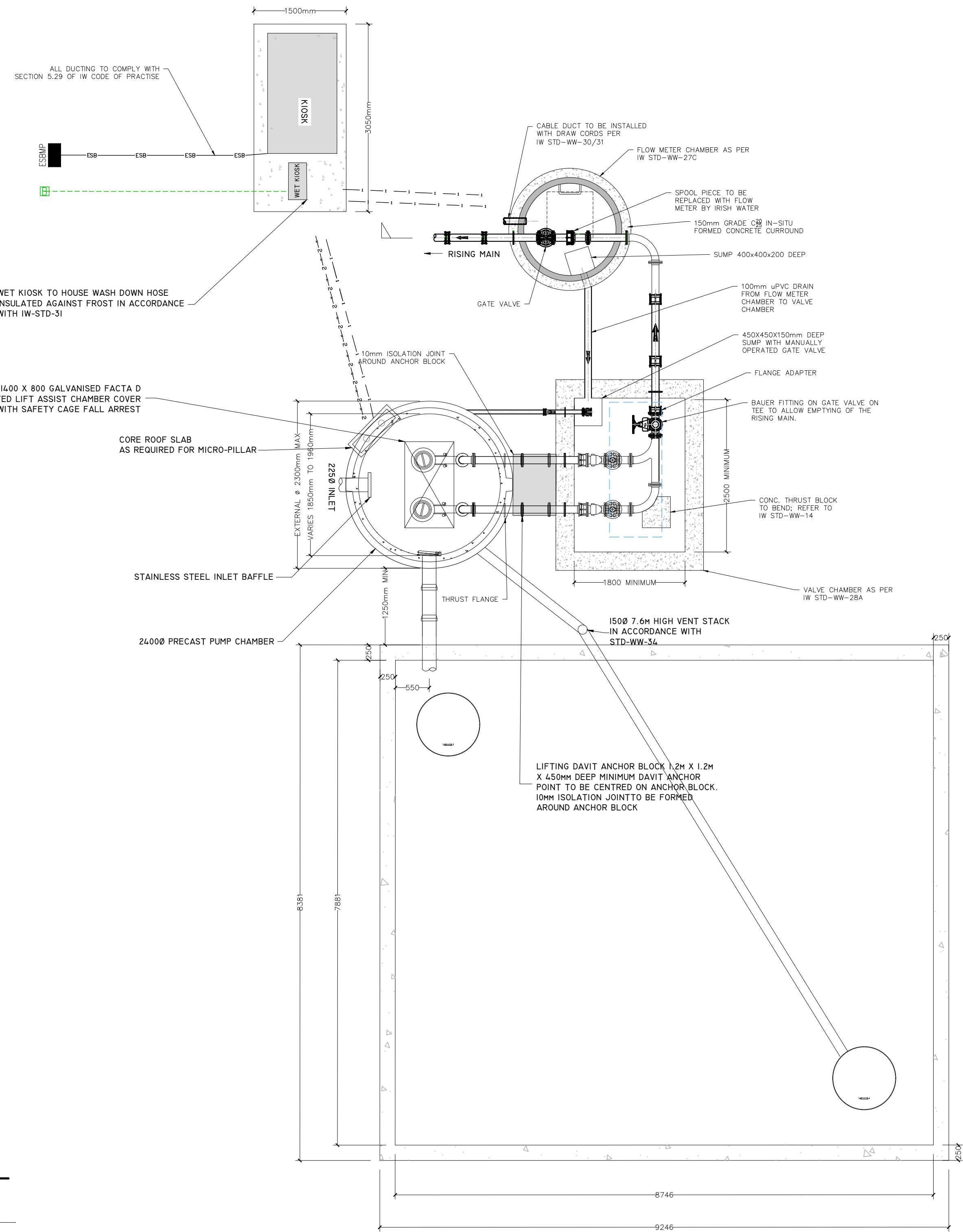
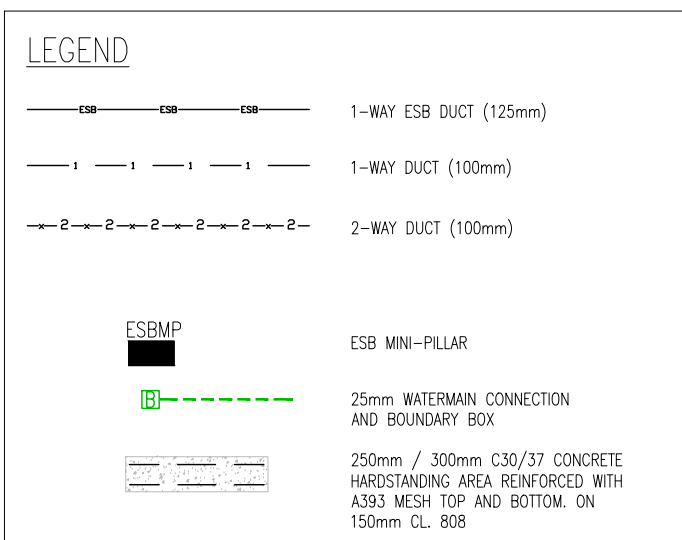
PROPOSED FOUL PUMP STATION

SCALES:	DRAWN:	APPROVED:
1:50 @ A1	AB	CK
	DATE:	DATE:
	04/24	04/24
DOCUMENT NUMBER:	23011-AKM-XXXX-XX-DR-C01-420001	STAGE:
		S2
PROJECT CODE:	23011	AKM JOB NUMBER:
		23011
DEPARTMENT CODE:	E	ROLES CODE:
		C01
ORGANISATION CODE:	AKM	LEVELS & LOCATION CODE:
		XX
		REVISION:
		00

PROPOSED FOUL PUMP STATION LAYOUT
SCALE 1:50



SECTION VIEW
SCALE 1:50



PLAN VIEW
SCALE 1:50