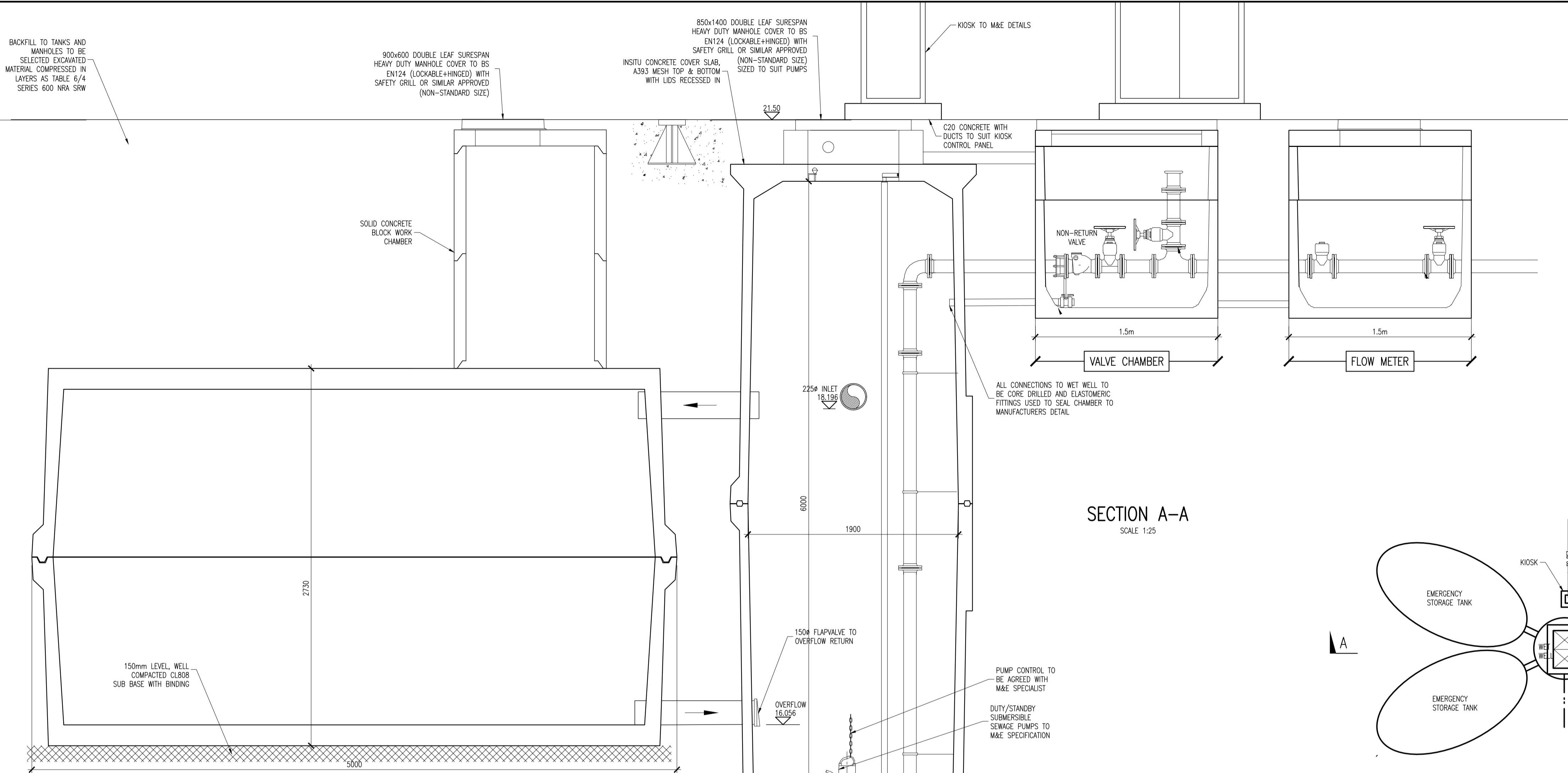
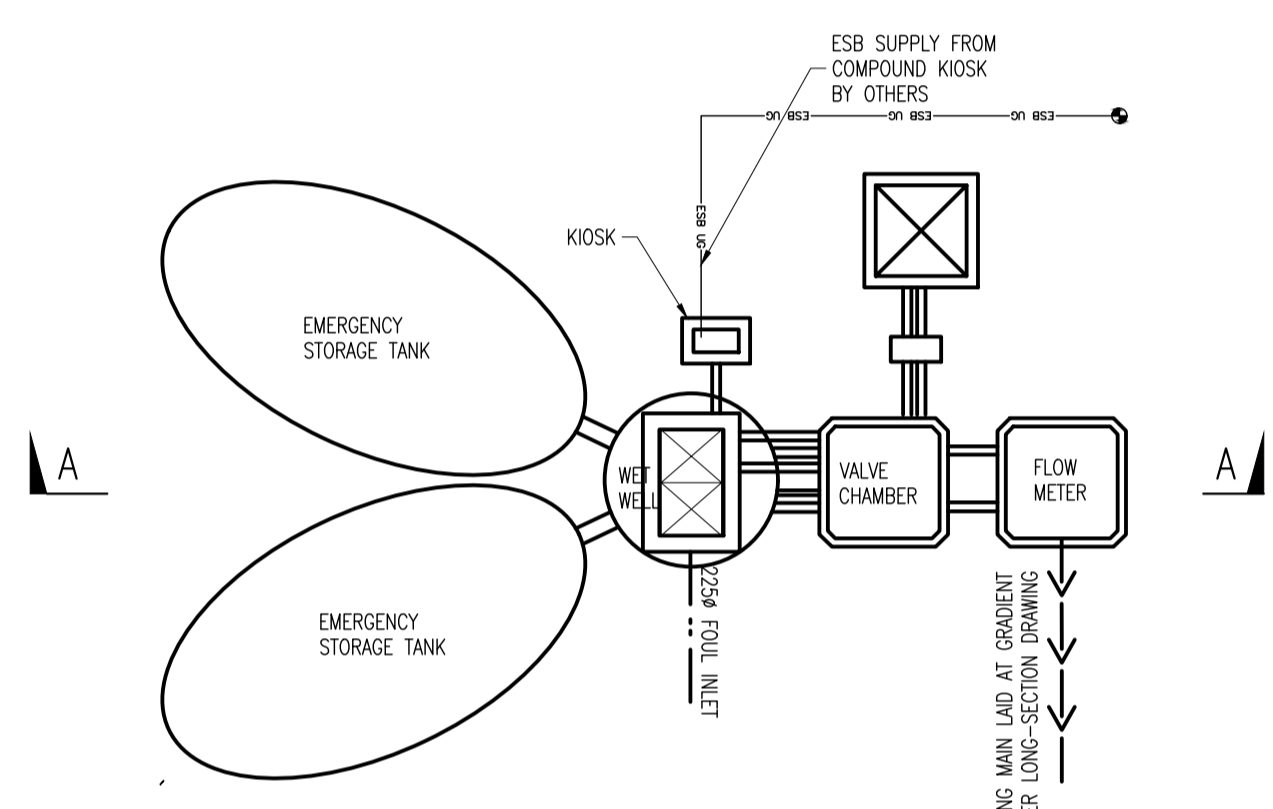


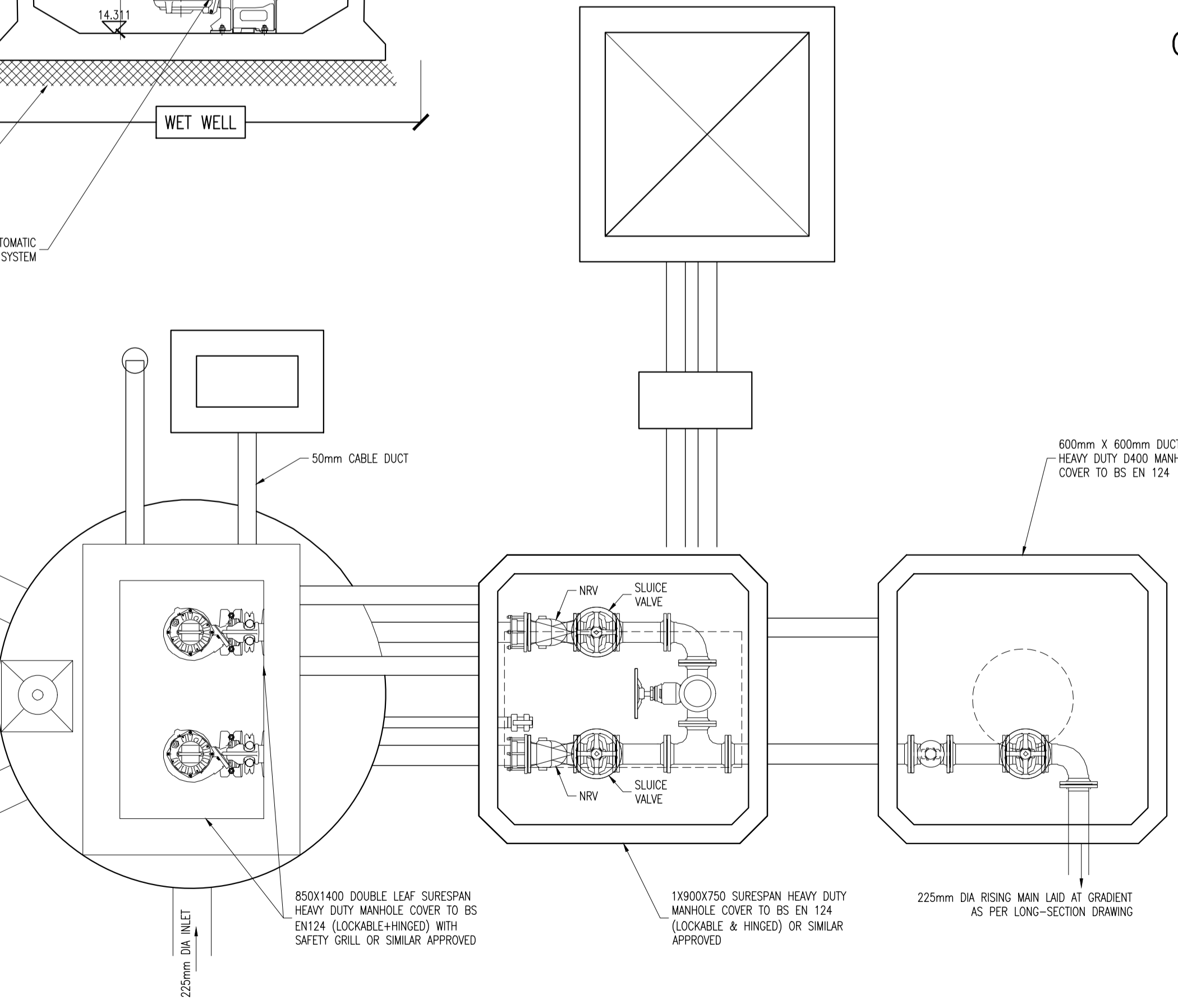
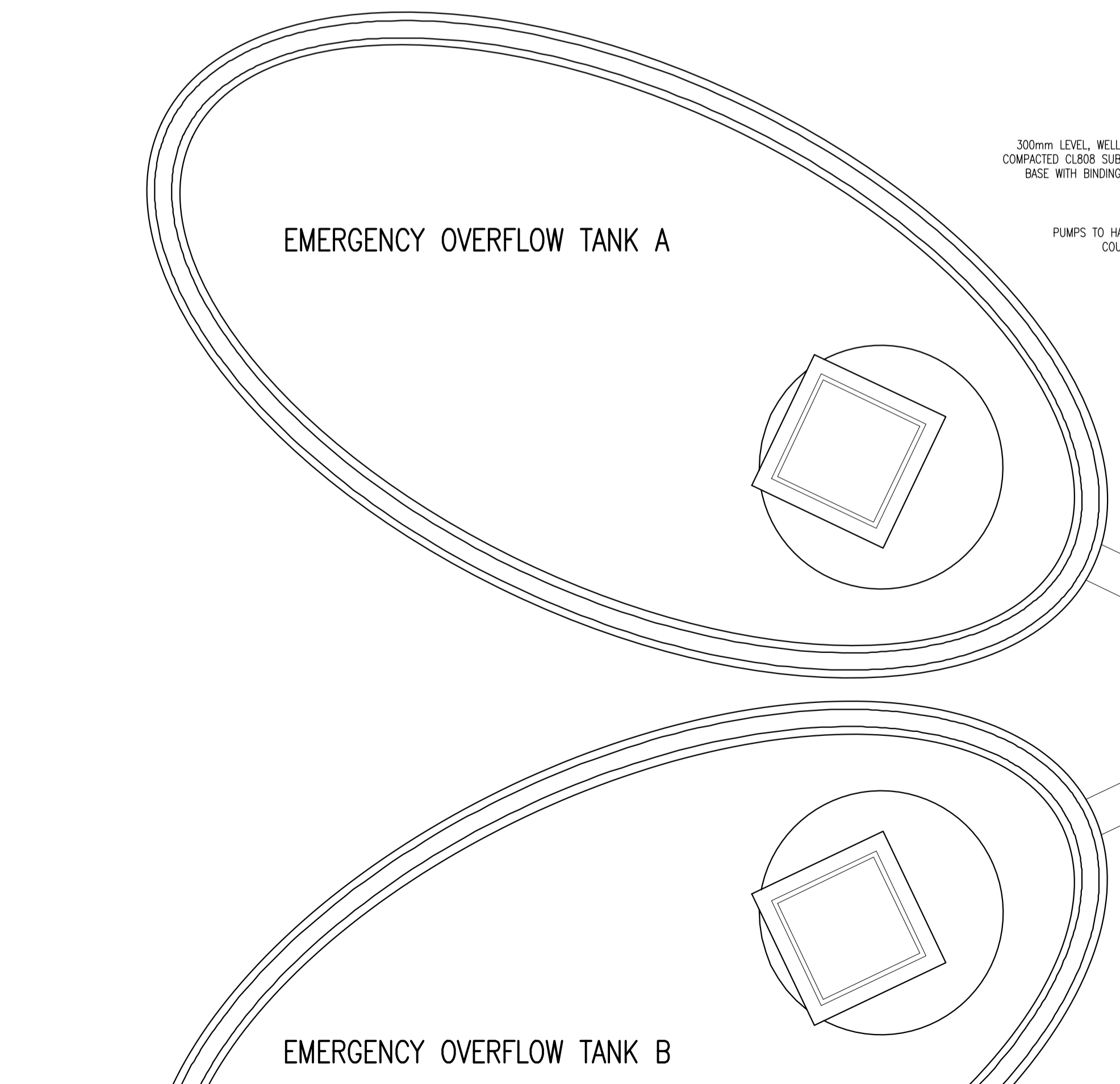
- NOTES:
- CONTRACTOR TO ALLOW FOR ALARM SYSTEMS LINKED TO SIM CARD NOTIFICATION GSM & SYSTEM.
 - PUMPING STATION TO BE DESIGNED IN ACCORDANCE WITH LOCAL AUTHORITY REQUIREMENTS FOR SEWAGE PUMPING STATIONS.
 - THE PUMPS, ONE DUTY, ONE STANDBY SHALL BE OF THE CENTRIFUGAL, UNCHOKEABLE, SUBMERSIBLE TYPE.
 - PUMPS TO BE 3 PHASE DUTY/STANDBY ARRANGEMENT MIN. SOLIDS HANDLING SIZE TO BE 80mm.
 - PUMP TO BE EQUIPPED WITH QUICK RELEASE COUPLINGS COMPLETE WITH GALVANISED GUIDE RAILS, LIFTING CHAINS, CABLE SUSPENSORS AND CHAIN HOOKS.
 - ALL PIPE WORK SHALL BE DUCTILE IRON, COMPLETE WITH FLANGED COUPLINGS AND BENDS AS REQUIRED.
 - ALL PIPE WORK SHALL BE ADEQUATELY BRACED AND ASSEMBLED WITH ZINC PLATED BOLTS, NUTS WASHERS AND GASKETS.
 - KIOSK BASE WILL BE R.C. 200mm DEEP. LOCATION OF DUCTS INSERTS TO BE AGREED WITH CIVIL/M&E CONTRACTOR PRIOR TO INSTALLATION.
 - A MAGNETIC FLOW METER SHALL BE INSTALLED IN A SEPARATE CHAMBER ADJACENT TO THE VALVE CHAMBER.
 - ALL ACCESS COVERS/FRAMES TO BE HINGE AND LOCKABLE TYPE D400 TO BS EN 124. LIDS SHOULD BE SEALED TO PREVENT ODOURS.
 - DRAWINGS TO BE READ IN CONJUNCTION WITH STRATEGIC SITE SERVICES LAYOUT DRG.
 - DUCTILE IRON PIPEWORK ENTERING THE WET-WELL TO BE CAST INTO WALLS WITH PUDDLE FLANGES ON THE PIPEWORK.
 - DAWIT POINT TO BE AGREED ON SITE WITH M&E CONTRACTOR.
 - 3 PHASE POWER SUPPLY TO KIOSK TO BE BROUGHT BY OTHERS
 - GROUNDWATER TABLE LEVEL ASSUMED 2.5m BELOW GROUND LEVEL.
 - PE DIAMETERS ARE TO OUTSIDE OF PIPE. REFER TO MANUFACTURER'S INFO FOR INTERNAL DIAMETERS.



SECTION A-A
SCALE 1:25



GENERAL ARRANGEMENT
SCALE 1:100



PLAN OF WET WELL/VALVE AND METER CHAMBERS
SCALE 1:25

TYPICAL INSITU BALLAST CONCRETE SPECIFICATION:
 CONCRETE GRADE: C28/35
 MIN. CEMENT CONTENT: 320 kg/m³
 MAX. W/C RATIO: 0.55
 MAX. AGGREGATE SIZE: 20mm
 STEEL FIBRE DOSAGE: 20 kg/m³
 STEEL FIBRE TYPE: DRAMIX RL 45/50 BN (OR SIMILAR)

STANDARD LID DESIGN LOADS: (WET WELL)
 IMPOSED LOAD: 10 kN/m² UDL OR 5,850 kg WHEEL LOAD
 DEAD LOAD: UP TO 1m OVERBURDEN

STANDARD UNIT WEIGHTS: (WET WELL)
 - STANDARD BASE UNIT: 6.1 TONNES
 - 3m RISER: 4.0 TONNES
 - LID UNIT: 1.5 TONNES

STANDARD DESIGN LOADS: (36m³ TANK)
 LID:
 IMPOSED LOAD: 10 kN/m² UDL OR 5,850 kg WHEEL LOAD
 DEAD LOAD: UP TO 2m OVERBURDEN

STANDARD UNIT WEIGHTS: (36m³ TANK)
 - BASE UNIT: 12.67 tonnes
 - ROOF UNIT: 12.67 tonnes

Capacity below invert:
Pump Chamber: 16m³
2 No. Overflow tank: 46m³
TOTAL = 62m³

C	31-07-20	STAGE 3 NEW APPLICATION	DJG	DMW
B	10-03-20	STAGE 2 NEW APPLICATION	DJG	AOS
A	09-10-19	PLANNING SHD STAGE 3	DJG	DCC

REV.	DATE	DESCRIPTION	BY	CHKD.

PLANNING SHD STAGE 3

DESIGNED	DJG	PREPARED	DJG
DATE	DEC 2018	CHECKED	DJR

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PROJECT
STRATEGIC HOUSING DEVELOPMENT AT COLPE WEST, DROGHEDA, CO. MEATH

DRG. TITLE
FOUL PUMPING STATION GENERAL ARRANGEMENT

CLIENT
SHANNON HOMES DROGHEDA LTD.

SCALE	AS SHOWN @A1	FILE REF.	170092-3065
DRG. NO.	170092-3065		C