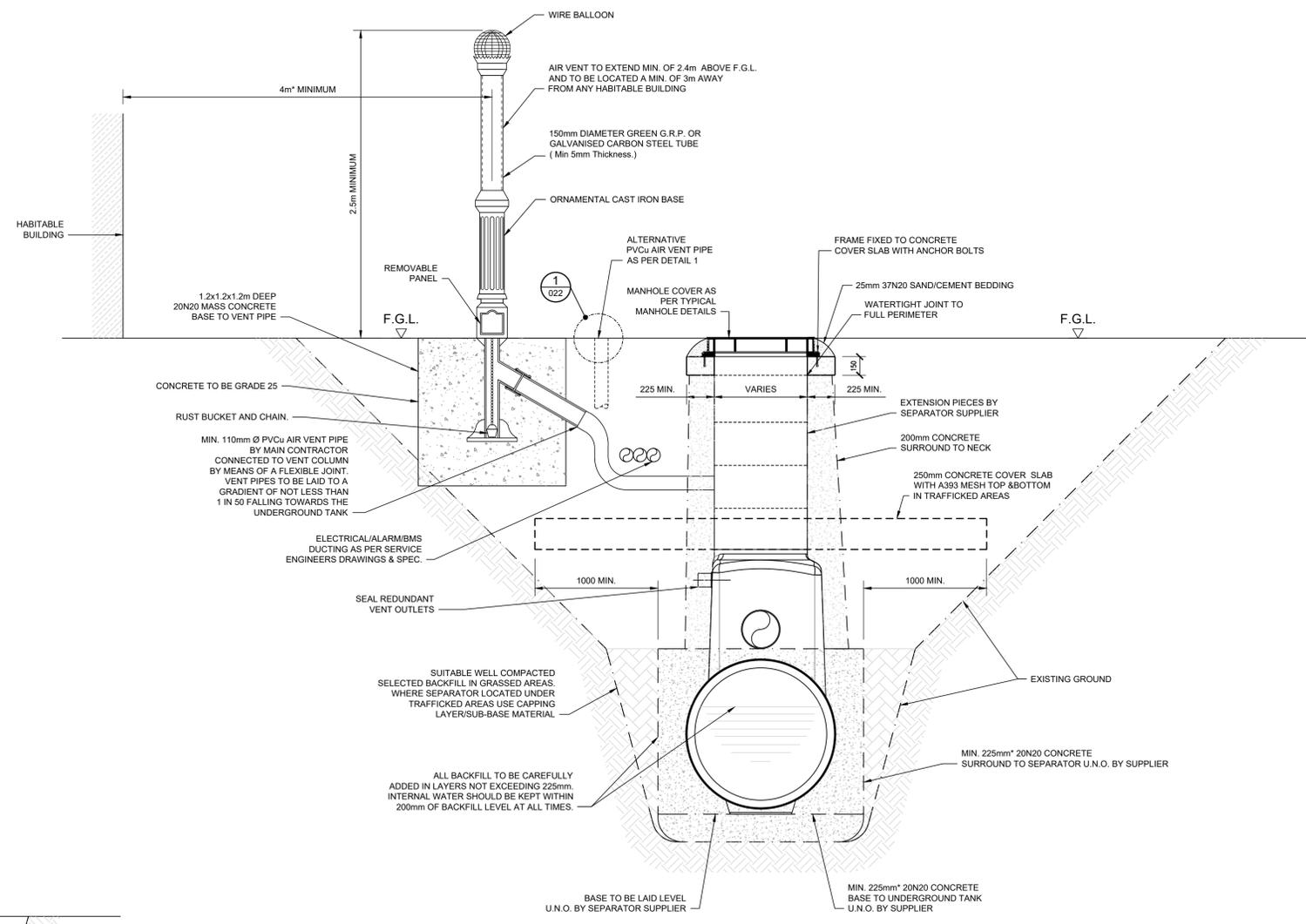
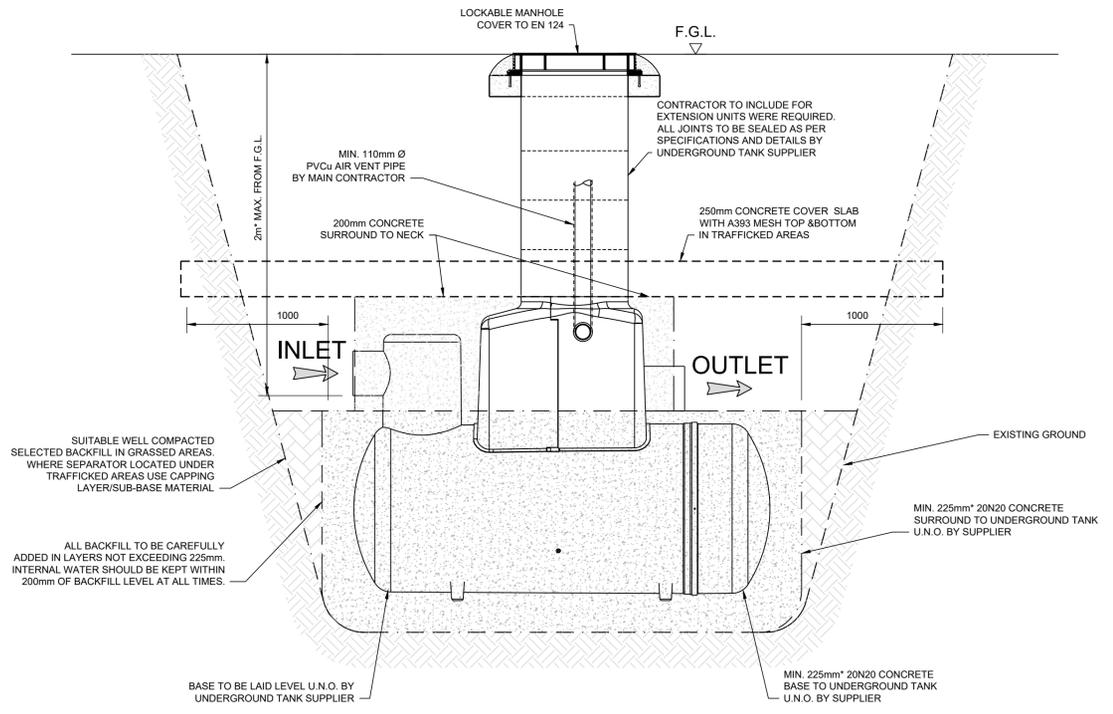


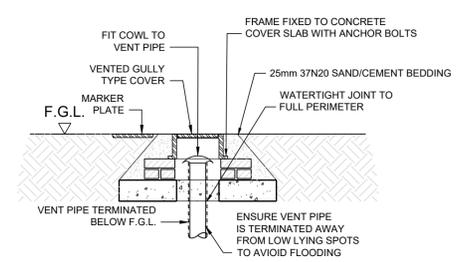
TYPICAL PLAN OF UNDERGROUND TANK
SCALE 1:25



SECTION B-B
SCALE 1:25



SECTION A-A
SCALE 1:25



1 022
DETAIL 1 - ALTERNATIVE VENT DETAIL
SCALE 1:25

- NOTES**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH SPECIFICATIONS AND ALL RELEVANT ARCHITECTS AND SERVICES ENGINEERS DRAWINGS.
 - DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
 - DRAWINGS SHALL BE CHECKED BY CONTRACTOR AND ANY DISCREPANCIES (DIMENSIONS) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
 - TEMPORARY PROPPING TO BE THE RESPONSIBILITY OF THE MAIN CONTRACTOR.
 - ALL CONCRETE TO BE GRADE C16/20 UNLESS NOTED OTHERWISE. REFER TO CALCULATIONS.
 - BYPASS SEPARATOR BY KLARGESTER OR EQUIVALENT & APPROVED INSTALLED AS PER MANUFACTURERS DETAILS AND SPECIFICATIONS.
 - BYPASS SEPARATOR TO BE FITTED WITH SUITABLE ALARM SYSTEM. REFER TO CALCULATIONS.
 - BACKFILLING TO BE CARRIED OUT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.
 - ALL BACKFILL TO BE CAREFULLY ADDED IN LAYERS NOT EXCEEDING 225mm.
 - INTERNAL WATER SHOULD BE KEPT WITHIN 200mm OF BACKFILL LEVEL AT ALL TIMES.
 - THE VENTILATION PIPE SHOULD BE AS SHORT AS IS PRACTICABLE AND BE TERMINATED NOT LESS THAN 2.5m ABOVE PAVING NOR LESS THAN 1m ABOVE THE HEAD OF AN OPERABLE WINDOW OR OTHER OPENING INTO A BUILDING WITHIN A HORIZONTAL DISTANCE OF 3m. EACH NECK SHOULD BE VENTED INDEPENDENTLY. WE ADVISE AGAINST JOINING THESE BELOW GROUND PRIOR TO THEIR RISING AS VENT STACKS.
 - ADEQUATE ACCESS MUST BE PROVIDED FOR ROUTINE MAINTENANCE.
 - THERE MUST BE AT LEAST 1m OF CLEAR LEVEL GROUND ALL AROUND THE ACCESS COVERS TO ALLOW FOR ROUTINE MAINTENANCE.
 - ALLOW FOR ELECTRICAL SUPPLY FOR ALARM SYSTEM.
 - ALL DIMENSIONS TO BE CONFIRMED BY SEPARATOR SUPPLIER AND AGREED WITH GARLAND ENGINEERS PRIOR TO WORK COMMENCING.

BYPASS SEPARATOR, CLASS 2 NSBE010
MINIMUM CAPACITY

FLOW = 10 l/s

PEAK FLOW RATE = 100 l/s

DRAINAGE AREA = 5,560 m²

STORAGE CAPACITY

- SILT = 1,000 Litres
- OIL = 150 Litres

"FORMATION LEVEL AND GROUND CONDITIONS TO BE CHECKED BY GARLAND ENGINEERS PRIOR TO CONSTRUCTION OF THE FOUNDATIONS FOR EACH HOUSE"

REV	DATE	DESCRIPTION	DWG BY	APP/CHK
CLIENT: BALLYMOUNT PROPERTIES LTD.				
ARCHITECT: RKD ARCHITECTS				
<p>GARLAND</p> <p>DUBLIN LIMERICK WATERFORD INTERNATIONAL T: +353 1 4964322 T: +353 61 319708 T: +353 61 676511 T: +353 61 319708 E: info@garlandconsultancy.com W: www.garlandconsultancy.com</p>				
PROJECT: RESIDENTIAL AND NEIGHBOURHOOD CENTRE DEVELOPMENT (PHASE 1)				
TITLE: TYPICAL BYPASS TANK DETAILS				
STATUS: PLANNING APPLICATION				
DRAWN: JC		DES. BY: BM		
CHK. BY: BM		APP. BY: CR		
DATE: 12/06/19		JOB No.		
A1 SCALE: 1:25		R1831		
DRG. No. 1034				REV. 1st