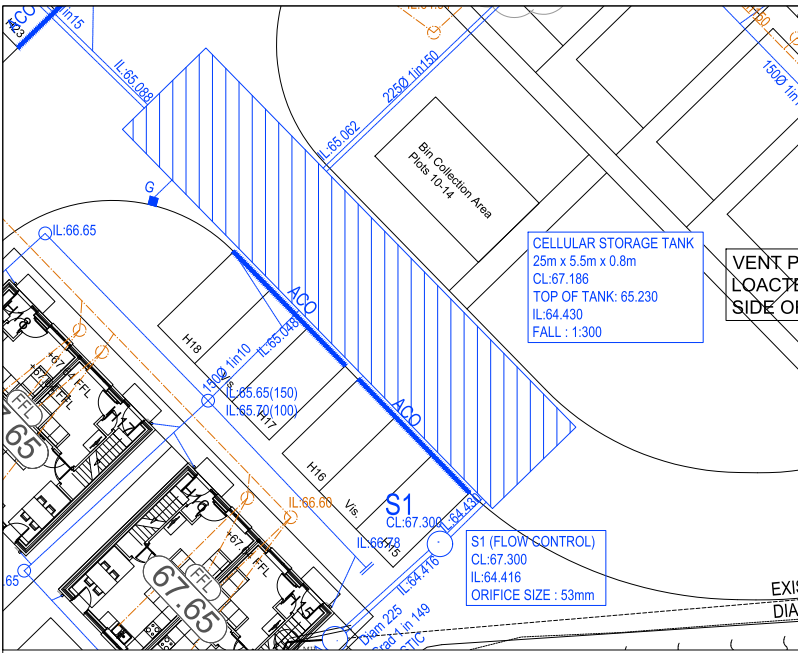




CELLULAR STORAGE TANK
(1:125)

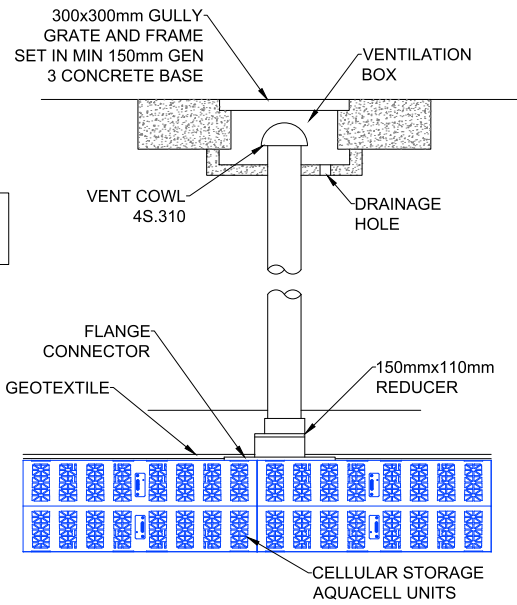
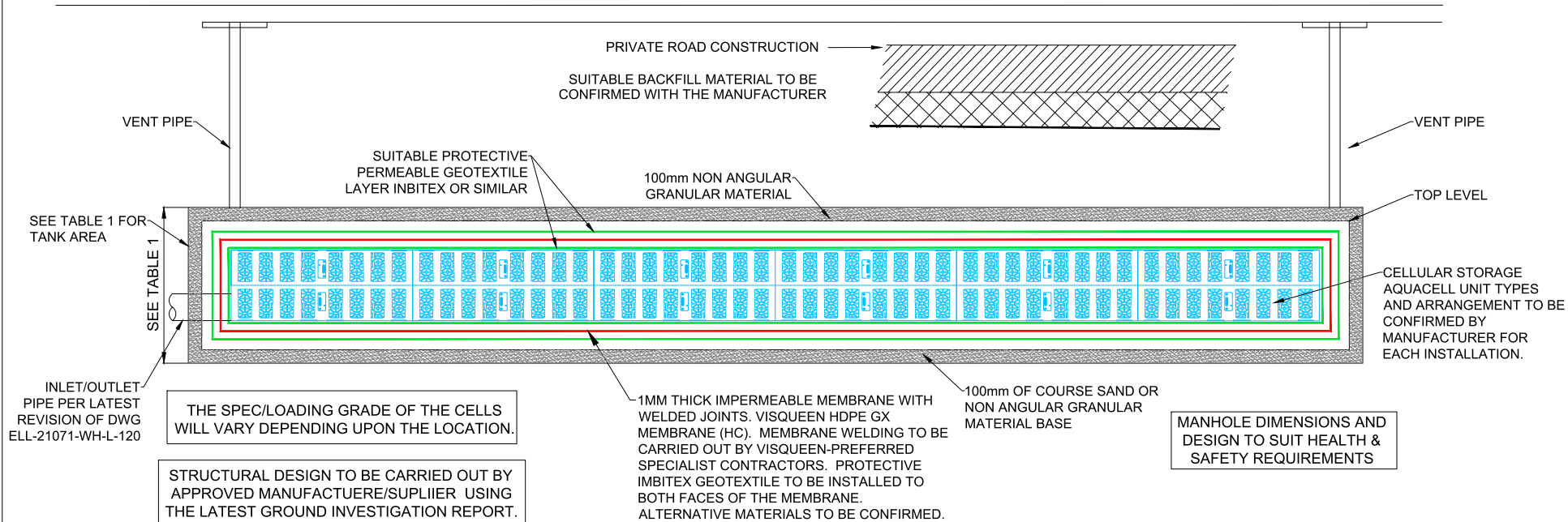


TABLE 1

CELLULAR STORAGE
COVER LEVEL: 67.186 (AT LOWEST POINT)
INVERT LEVEL: 64.430
DEPTH: 0.8m
DIMENSIONS: 25m x 5.5m
TOTAL AREA: 130.625m²

SUMP AT ONE END OF THE TRENCH TO DRAIN WATER WHILE INSTALLING THE TANK



TYPICAL CELLULAR STORAGE UNIT
INSTALLATION DETAIL

NOTES:

- MINIMUM COVER TO TANK TO BE 800MM. AQUACELL CORE OR SIMILAR TO BE USED IN TRAFFICKED AREAS. IF OTHER MANUFACTURERS PRODUCT IS USED A CHECK IS TO BE MADE TO ENSURE THAT THE PRODUCT IS SUITABLE FOR LOADINGS FROM TRAFFICKED AREAS.
- TANK TO BE VENTED TO SURFACE VENT BOX AS SHOWN. ONE VENT WILL BE REQUIRED.
- ALL ADAPTABLE DRAINAGE WORKS HAVE BEEN DESIGNED AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH 'SEWERS FOR ADOPTION TTH EDITION' AND LOCAL WATER AUTHORITY SUPPLEMENT GUIDELINES AND STANDARD DETAILS.
- ALL CLAY PIPE WORK SHALL BE EXTRA STRENGTH CLAYWARE TO B.S EN 295:1991 PART 1
- ALL PRECAST CONCRETE PIPEWORK SHALL BE TO THE CLASS STATED ON THE DRAWINGS IN ACCORDANCE WITH B.S EN 1916:2002. ALSO, ALL MANHOLES AND CHAMBERS SHALL BE TO B.S EN 1917:2002.
- THE CONTRACTOR MAY ELECT TO USE REINFORCED PVC PIPES AS COVERED BY B.S 4600:2000 & B.S EN 1401-1. STRUCTURED WALL UPVC PIPES TO COMPLY WITH WIS 4-35-01 UPTO AND INCLUDING 300MM. (BY PRIOR AGREEMENT WITH ADOPTING AUTHORITY) MAX. PIPE LENGTH TO BE 3.0M.
- ALL LEVELS RELATE TO TOPOGRAPHICAL SURVEY DATUM
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS
- PLOT DRAINAGE CONNECTIONS TO SEWERS MUST BE 150MM DIAMETER AND UNLESS OTHERWISE STATED LAID TO THE INVERT SHOWN
- LEVELS GIVEN ON DRAGOUT CHAMBERS ARE INCOMING PIPE LEVELS
- PLOT DRAINAGE RUNS TO BE KEPT WITHIN THE CURTLEGE OF THE PLOT THEY SERVE WHEREVER POSSIBLE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ANY EXISTING INVERT LEVELS AND EXISTING SITE LEVELS (EXISTING BOUNDARY LEVELS) INDICATED ON DRAWINGS ARE CORRECT BEFORE WORKS COMMENCE
- ALL CONNECTIONS TO ADAPTABLE SEWERS SHALL BE MANUFACTURED JUNCTION PIPES. SADDLE CONNECTIONS WILL NOT BE PERMITTED, UNLESS SPECIFIED.
- ALL SEWERS FOR ADOPTION WITH GREATER THAN 1.20M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE CLASS 8 GRANULAR BED AND SURROUND.
- ANY SEWER FOR ADOPTION WITH LESS THAN 1.2M COVER IN ROADS OR 0.9M COVER IN FIELDS SHALL HAVE A MINIMUM OF 150MM ST4 CONCRETE SURROUND. FLEXIBILITY SHALL BE MAINTAINED BY THE PROVISION OF FLEXCELL OR SIMILAR APPROVED JOINT FILLER BREAKS IN THE CONCRETE SURROUND AT EACH PIPE JOINT
- IT IS THE RESPONSIBILITY FOR THE CONTRACTOR TO CHECK ALL ON-SITE EXISTING GROUND LEVELS PRIOR TO COMMENCING AND IF THERE ARE ANY DISCREPANCIES THE CONTRACTOR MUST REPORT TO THE ENGINEER IMMEDIATELY
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE DRAINAGE AUTHORITY OF THE COMMENCEMENT OF ANY DRAINAGE WORKS AND TO COMPLETE ANY REQUIRED SEWER CONNECTION FORMS INCLUSIVE OF PAYING ANY REQUIRED FEES. THE CONTRACTOR MUST ALLOW FOR THE SUPERVISION OF THE SEWER CONSTRUCTION WORKS BY THE LOCAL AUTHORITY AND NOTIFY THE SUPERVISING OFFICER, GIVING NOTICE IN ACCORDANCE WITH THE L.A. REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO APPLY FOR ANY REQUIRED ROAD OPENING PERMITS WITH THE LOCAL AUTHORITY INCLUDING THE PAYMENT OF ANY FEES
- BEFORE COMMENCING ANY WORKS ON SITE, THE CONTRACTOR MUST CONTACT THE RELEVANT STATUTORY UNDERTAKER AND BE IN POSSESSION OF THE LATEST AVAILABLE DRAWINGS FROM THE STATUTORY UNDERTAKERS WHICH SHOWS DETAILS OF THEIR SERVICES/APPARATUS. THE CONTRACTOR MUST CONFIRM EXACT LOCATION AND DEPTH OF ANY SERVICES/APPARATUS BY THE USE OF ELECTRO-LOCATION OR SIMILAR DEVICES AND BY HAND DUG TRIAL HOLES. MECHANICAL EXCAVATOR, POWER TOOLS ETC. MUST NOT BE USED TO LOCATE EXISTING SERVICES/APPARATUS.

A	VENT PIPES ADDED	8/1/22	GM/COM	
Rev:	Description:	Date:	By: Chrt	
Status:	PRELIMINARY			
Client:	WATSON HOMES			
Project:	MORRIS STREET BURY MANCHESTER			
Obj Title:	CELLULAR STORAGE TANK DETAIL			
ELLUC Projects		t: 01527 52 000 1 info@ellucprojects.co.uk www.ellucprojects.co.uk		
ELLUC PROJECTS UNIT 7 REGENTS COURT FARMCOOR LANE, REDDITCH WEST MIDLANDS B96 0SD				
Scale:	Size:	Print Issue:	Drawn:	Checked:
1:20	A1	09.09.21	LGM	OE
Obj No:	ELL-21071-WH-L-380			Rev:
				A