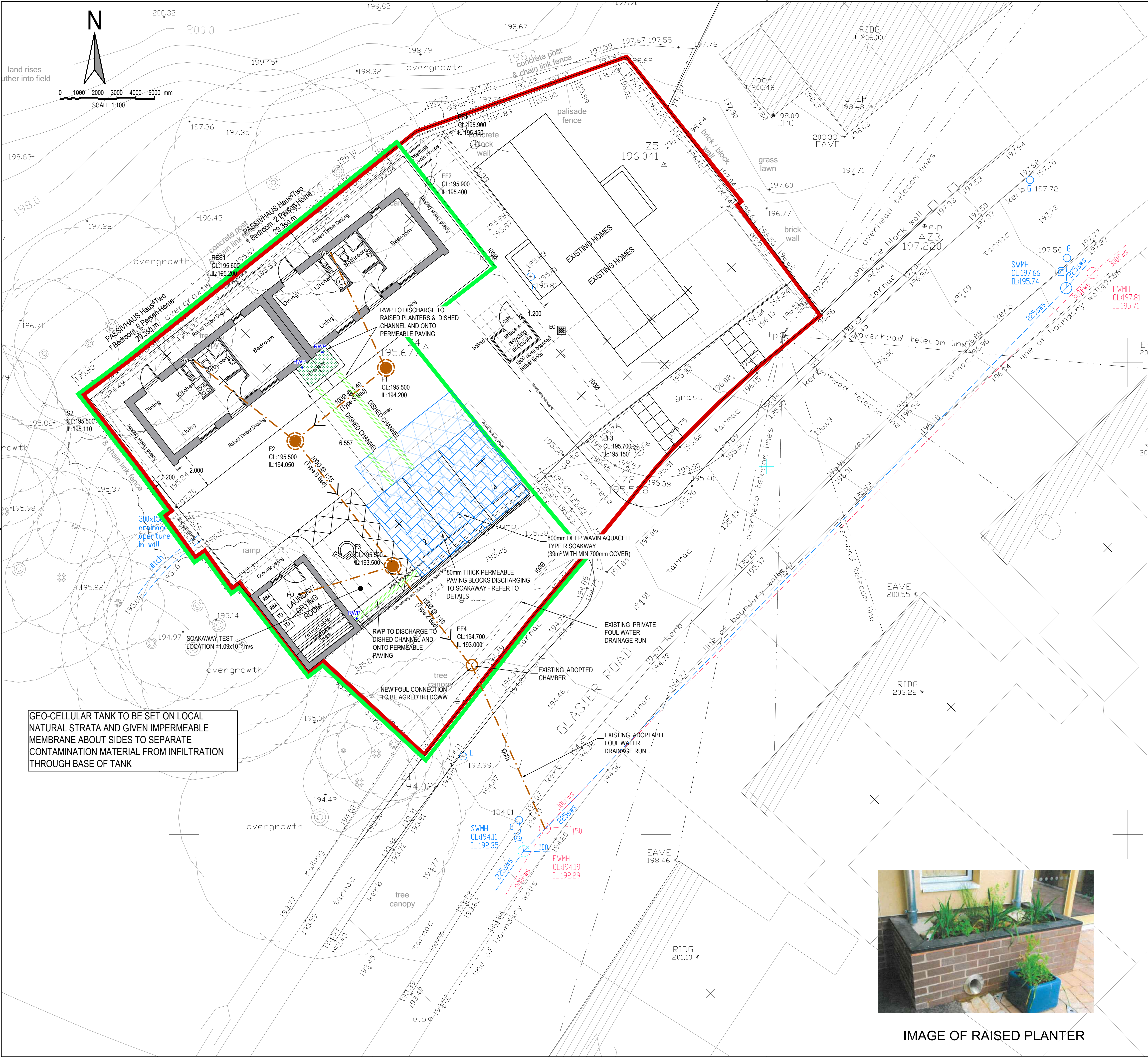




DRAINAGE NOTES:

- MH COVERS AND FRAMES TO CONFORM TO BS EN 124: -HIGHWAYS AND FOOTWAYS TO FRONT OF BUILDINGS (D400) -FOOTWAYS TO REAR OF BUILDINGS (C250)
- TYPE S BEDDING AND SURROUND TO ALL PIPES EXCEPT IN THE FOLLOWING CIRCUMSTANCES, IN WHICH TYPE Z BEDDING AND SURROUND ARE TO BE USED:
 - IN BACK GARDENS OF HOUSES WHERE DEPTH TO CROWN OF PIPE IS LESS THAN 0.35m.
 - IN AREAS OF THE REAR OF FLATS AND PARKING WHERE DEPTH TO CROWN IS LESS THAN 0.9m.
 - IN AREAS OF ROAD WHERE DEPTH IS LESS THAN 1.2m.
- ALL EXISTING MANHOLE INVERTS TO BE CHECKED AND REPORTED TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF DRAINAGE WORKS. EXISTING PIPE CONNECTIONS ARE TO BE CCTV SURVEYED AND INSPECTED BY THE ENGINEER AND LOCAL AUTHORITY. IF THE PIPE CONNECTION IS FOUND TO BE DAMAGED OR IN DISTRESS, THE CONTRACTOR IS TO CARRY OUT REMEDIAL WORKS OR PROVIDE A NEW CONNECTION TO THE EXISTING SEWER (PIPE SIZE AND GRADIENT TO BE DETERMINED BY THE ENGINEER.
- THE GRADIENTS INDICATED AGAINST THE DRAIN RUNS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL INSTALL DRAINS TO THE INVERT LEVELS SHOWN FOR EACH MANHOLE OR OTHER INDICATED POSITION.
- ALL PLOT FOUL DRAINAGE TO BE MINIMUM 100mm DIAMETER UNLESS OTHERWISE NOTED.
- ALL ADOPTABLE THERMOPLASTIC STRUCTURED WALL SEWER PIPE SHALL COMPLY WITH THE RELEVANT PROVISIONS OF BS EN 13476-1 AND BS EN 13476-2 OR BS EN 13476-3. PIPES SHALL BE BSI KITEMARKED OR HAVE EQUIVALENT THIRD PARTY CERTIFICATION. PIPES LESS THAN OR EQUAL TO 500mm DIA. SHALL HAVE A SHORT-TERM RING STIFFNESS OF NOT LESS THAN 8kNm² (SN8).
- ALL JOINTING IN ACCORDANCE WITH MANUFACTURERS TECHNICAL ADVICE & SPECIFICATION.
- ALL NON ADOPTABLE DRAINAGE TO BE THE STANDARD UPVC 110mm, 160mm DRAINAGE AND MANUFACTURED TO BS-EN 1401 AND BS 4660 UNLESS NOTED OTHERWISE.
- ALL PERMEABLE PAVING CELLS TO BE INSTALLED AS MANUFACTURERS GUIDELINES & RECOMMENDATIONS.
- ALL STORM WATER DRAINAGE TO BE A MINIMUM OF 150mm DIAMETER UNLESS OTHERWISE NOTED.
- SOIL & VENT PIPE LOCATION AND NUMBER TO BE CONFIRMED WITH ARCHITECT.
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS, TOGETHER WITH THEIR LATEST SPECIFICATIONS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER (VALE CONSULTANCY) AS SOON AS POSSIBLE.
- FIGURED DIMENSIONS ONLY TO BE USED. ANY QUERIES OR DISCREPANCIES TO BE REFERRED TO THE ENGINEER (VALE CONSULTANCY) IMMEDIATELY.
- PRIOR TO ORDERING ANY MATERIALS THE CONTRACTOR IS TO CONFIRM MANUFACTURER/PIPE MATERIAL AND GRADE PROPOSED WITH WATER AUTHORITY.
- TEMPORARY WORKS DESIGN BY OTHERS.
- DESIGN RISK ASSESSMENTS AND METHOD STATEMENTS ARE TO BE PROVIDED TO THE PRINCIPLE CONTRACTOR PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- NOT ALL SERVICES HAVE NOT BEEN SHOWN BUT MAY BE PRESENT - CONTRACTOR IS TO LIAISE WITH ALL STATUTORY AUTHORITIES PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWING 10863/501.

SURFACE LEGEND

- EXISTING TARMAC ROAD TO BE REINSTATED WHERE WORKS HAVE REQUIRED TAKING UP
- PERMEABLE PAVING SYSTEM WITHIN HIGHWAY (TOBERMORE MIN 350mm DRAINAGE BLANKET)
- SITE OWNERSHIP BOUNDARY
- SAB APPLICATION BOUNDARY 500m²

DRAINAGE LEGEND

- EXISTING FOUL WATER DRAINAGE
- DENOTES PRIVATE FW DRAINAGE
- DENOTES PRIVATE SW DRAINAGE
- PROPOSED RAINWATER PIPE
- PROPOSED SOIL & VENT PIPE
- PROPOSED FLOOR OUTLET
- EXISTING GULLY
- 600mm DEEP WAVIN AQUACELL TYPE R SOAKAWAY MINIMUM 700mm COVER

ISSUE FOR SAB APPROVAL

01	RCGP	JW	JM	25.06.20	ISSUE FOR SAB APPROVAL
rev.	drawn	chd.	approved	date	description
Client					
MERTHYR VALLEYS HOME LTD					
Project					
PREFABRICATED ACCOMODATION GLASIER ROAD MERTHYR TYDFIL					
Title					
PROPOSED DRAINAGE LAYOUT					
ValeConsultancy CONSULTING CIVIL & STRUCTURAL ENGINEERS 29 Bocam Park, Old Field Road, Pencoed, Bridgend CF35 5LJ. Phone: 01656 863794 Email: enquiries@vale-consultancy.co.uk					
date	drawn	checked	approved		
22.06.20	RGF	NC	22.06.20	LR	22.06.20
scale @ A1		10863			
1:100					
status	dr. no.				rev.
P	10863/500				01



IMAGE OF RAISED PLANTER