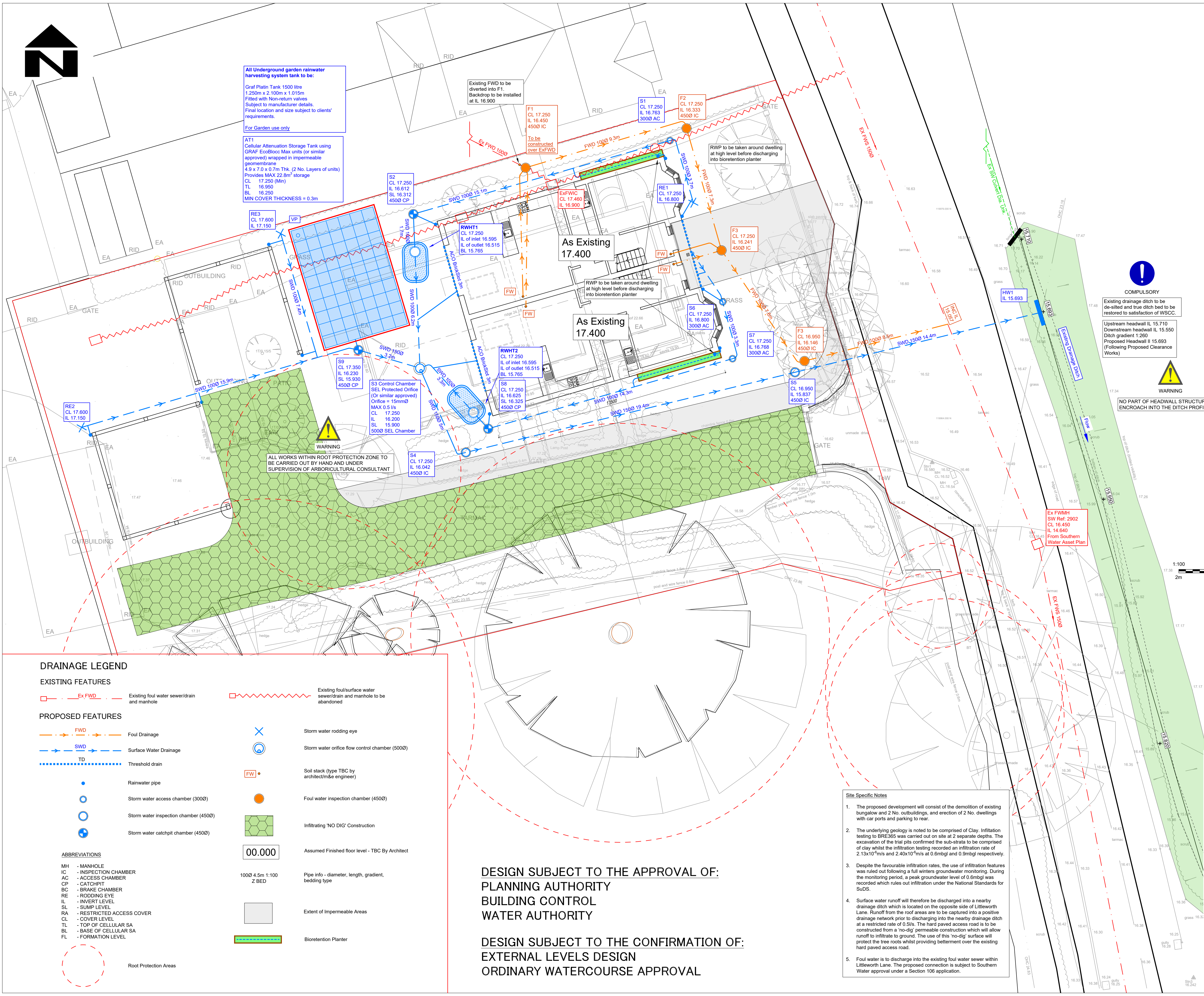




- STANDARD DRAINAGE NOTES
- DO NOT SCALE FROM THIS DRAWING. REFER TO FIGURED DIMENSIONS ONLY. THE CONTRACTOR SHOULD CHECK ALL DIMENSIONS ON SITE.
 - ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS ARE IN METERS UNLESS NOTED OTHERWISE.
 - THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECT AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
 - ANY DISCREPANCIES SHOULD BE REPORTED TO THE ARCHITECT AND/OR ENGINEER IMMEDIATELY, SO THAT CLARIFICATION CAN BE SOUGHT PRIOR TO THE COMMENCEMENT OF WORK.
 - BEFORE COMMENCING CONSTRUCTION THE CONTRACTOR MUST CHECK THE INVERT LEVELS OF EXISTING SEWERS TO WHICH CONNECTIONS ARE MADE. IN ADDITION THE CONTRACTOR MUST LOCATE AND DETERMINE INVERT LEVELS OF THE EXISTING SPIS TO WHICH CONNECTIONS ARE PROPOSED. ANY DISCREPANCIES ARE TO BE NOTIFIED TO THE ENGINEER IMMEDIATELY, PRIOR TO CONSTRUCTION.
 - COVER LEVELS SHOWN ARE APPROXIMATE. COVERS AND FRAMES SHALL BE SET TO FINISHED GROUND LEVELS AND FALLS.
 - ALL UN-REFERENCED PIPES ARE TO BE 100mm DIA.
 - ALL PIPES TO BE ADOPTED, OR CONNECTING TO ADOPTED SEWERS, TO BE VITRIFIED CLAY TO BS EN 295 AND BS951:PART 1, OR CONCRETE PIPES TO BE EN 1916 AND BS5911:PART 1.
 - ROAD GULLY OUTLET PIPES ARE TO BE 150mm DIA. WITH CONCRETE SURROUND AND FLEXIBLE JOINTS. ALL GULLIES SHALL BE FITTED WITH GRADE D400 GRATINGS AND FRAMES TO BS EN124, UNLESS OTHERWISE STATED.
 - ALL ADOPTABLE SEWERS SHALL BE CONSTRUCTED TO THE STANDARDS AND SPECIFICATION OF THE TIE-IN INVERT LEVELS FOR ADOPTION' 6th EDITION, WITH A VIEW TO ADOPTION UPON COMPLETION OF WORKS.
 - ALL PRIVATE DRAINAGE TO BE IN ACCORDANCE WITH THE BUILDING REGULATIONS APPROVED DOCUMENT PART-H, AND TO THE SATISFACTION OF THE BUILDING CONTROL INSPECTOR.
 - THE CONTRACTOR IS TO KEEP A RECORD OF ANY VARIATIONS MADE ON SITE, INCLUDING THE RELOCATION OF SEWERS OR DRAINS, SO THAT AN AS CONSTRUCTED DRAWING CAN BE PREPARED UPON COMPLETION OF THE PROJECT.
 - STUB CONNECTIONS TO ADOPTABLE MANHOLES SHALL BE MADE FROM VITRIFIED CLAY AND CONSIST OF TWO ROCKER PIPES LAID AT THE SAME GRADIENT AS THE UP OR DOWNSTREAM PIPE.
 - IF ANY SUB SOIL DRAINAGE SYSTEMS ARE UNCOVERED DURING THE WORKS CONTACT THE ENGINEER FOR INSTRUCTIONS. SUB SOIL DRAINS ARE TO BE DIVERTED AROUND NEW WORKS AND CONNECTED INTO THE SURFACE WATER.
 - NO PRIVATE AREAS ARE TO DRAIN ONTO ADOPTABLE AREAS AND VICE VERSA.
 - ALL EXISTING MANHOLE COVERS, GULLIES, ETC. ARE TO BE RAISED/LOWERED TO SUIT NEW LEVELS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THE LOCATION AND DEPTH OF ALL EXISTING SERVICES AND UTILITIES THAT MAY BE PRESENT.
 - UPON COMPLETION BUT PRIOR TO HANDOVER, CONTRACTOR TO CARRY OUT FULL CCTV SURVEY OF DRAINAGE SYSTEM WHICH IS TO BE REVIEWED BY ENGINEER TO ENSURE SATISFACTORY INSTALLATION.
 - PROPRIETARY PRODUCTS TO BE INSTALLED IN FULL ACCORDANCE WITH MANUFACTURER'S GUIDANCE.
 - MANHOLE AND CHAMBER COVER GRADES:
 - 'A15' IN ALL LANDSCAPED AREAS AND ON FOOTPATHS
 - 'B125' IN ALL DRIVEWAYS
 - 'C250' IN PRIVATE PARKING AREAS
 - 'D400' IN CARRIAGEWAY/ACCESS ROAD

COMPULSORY

Existing drainage ditch to be de-silted and true ditch bed to be restored to satisfaction of WSCC.

Upstream headwall IL 15.710
Downstream headwall IL 15.550
Ditch gradient 1:260
Proposed Headwall IL 15.693
(Following Proposed Clearance Works)

WARNING

NO PART OF HEADWALL STRUCTURE IS TO ENCR OACH INTO THE DITCH PROFILE



DRAINAGE LEGEND

- EXISTING FEATURES**
- Ex FWD - Existing foul water sewer/drain and manhole
 - Existing foul/surface water sewer/drain and manhole to be abandoned
- PROPOSED FEATURES**
- FWD - Foul Drainage
 - SWD - Surface Water Drainage
 - TD - Threshold drain
 - RP - Rainwater pipe
 - SWAC (3000) - Storm water access chamber (3000)
 - SWIC (4500) - Storm water inspection chamber (4500)
 - SWCC (4500) - Storm water catchpit chamber (4500)
 - SWRE - Storm water rodding eye
 - SWFC (5000) - Storm water orifice flow control chamber (5000)
 - SS (TBC) - Soil stack (type TBC by architect/m&e engineer)
 - FWIC (4500) - Foul water inspection chamber (4500)
 - NO DIG - Infiltrating 'NO DIG' Construction
 - AF - Assumed Finished floor level - TBC By Architect
 - PI - Pipe info - diameter, length, gradient, bedding type
 - IA - Extent of Impermeable Areas
 - BP - Bioretention Planter
- ABBREVIATIONS**
- MH - MANHOLE
 - IC - INSPECTION CHAMBER
 - AC - ACCESS CHAMBER
 - CP - CATCHPIT
 - BC - BRAKE CHAMBER
 - RE - RODDING EYE
 - IL - INVERT LEVEL
 - SL - SUMP LEVEL
 - RA - RESTRICTED ACCESS COVER
 - CL - COVER LEVEL
 - TL - TOP OF CELLULAR SA
 - BL - BASE OF CELLULAR SA
 - FL - FORMATION LEVEL

DESIGN SUBJECT TO THE APPROVAL OF:
PLANNING AUTHORITY
BUILDING CONTROL
WATER AUTHORITY

DESIGN SUBJECT TO THE CONFIRMATION OF:
EXTERNAL LEVELS DESIGN
ORDINARY WATERCOURSE APPROVAL

- Site Specific Notes**
- The proposed development will consist of the demolition of existing bungalow and 2 No. outbuildings, and erection of 2 No. dwellings with car ports and parking to rear.
 - The underlying geology is noted to be comprised of Clay. Infiltration testing to BRE365 was carried out on site at 2 separate depths. The excavation of the trial pits confirmed the sub-strata to be comprised of clay whilst the infiltration testing recorded an infiltration rate of 2.13x10⁻⁴m/s and 2.40x10⁻⁴m/s at 0.6mbgl and 0.9mbgl respectively.
 - Despite the favourable infiltration rates, the use of infiltration features was ruled out following a full winters groundwater monitoring. During the monitoring period, a peak groundwater level of 0.6mbgl was recorded which rules out infiltration under the National Standards for SUDS.
 - Surface water runoff will therefore be discharged into a nearby drainage ditch which is located on the opposite side of Littleworth Lane. Runoff from the roof areas are to be captured into a positive drainage network prior to discharging into the nearby drainage ditch at a restricted rate of 0.5l/s. The hard paved access road is to be constructed from a 'no-dig' permeable construction which will allow runoff to infiltrate to ground. The use of this 'no-dig' surface will protect the tree roots whilst providing betterment over the existing hard paved access road.
 - Foul water is to discharge into the existing foul water sewer within Littleworth Lane. The proposed connection is subject to Southern Water approval under a Section 106 application.

FOR PLANNING ONLY

Prefix to drawing numbers shall signify the following:-

PL = PLANNING	Shall not be used for contract or construction purposes
P = PRELIMINARY	Shall not be used for contract or construction purposes
T = TENDER	Shall not be used for construction purposes
C = CONSTRUCTION	These are the only drawings that shall be used for construction purposes
R = RECORD	Record of actual completed work

P-	05.08.26	PRELIMINARY ISSUE	LH	CS	CS
REV	DATE	DESCRIPTION	BY	CHK	APP
CLIENT VBMC BUILDING DEVELOPMENT LTD					
ARCHITECT DMA BUILDING DESIGNS					
JOB TITLE 1 LITTLEWORTH LANE PARTRIDGE GREEN					
DRAWING TITLE DRAINAGE STRATEGY					
DRAWN	LH	ENGINEER	C SLADE	CHECKED	CS
DATE	JULY 2026	SCALE @ A1	1:100		
JOB No.	C3111	STATUS	PL	DRAWING No.	101
REV.					1