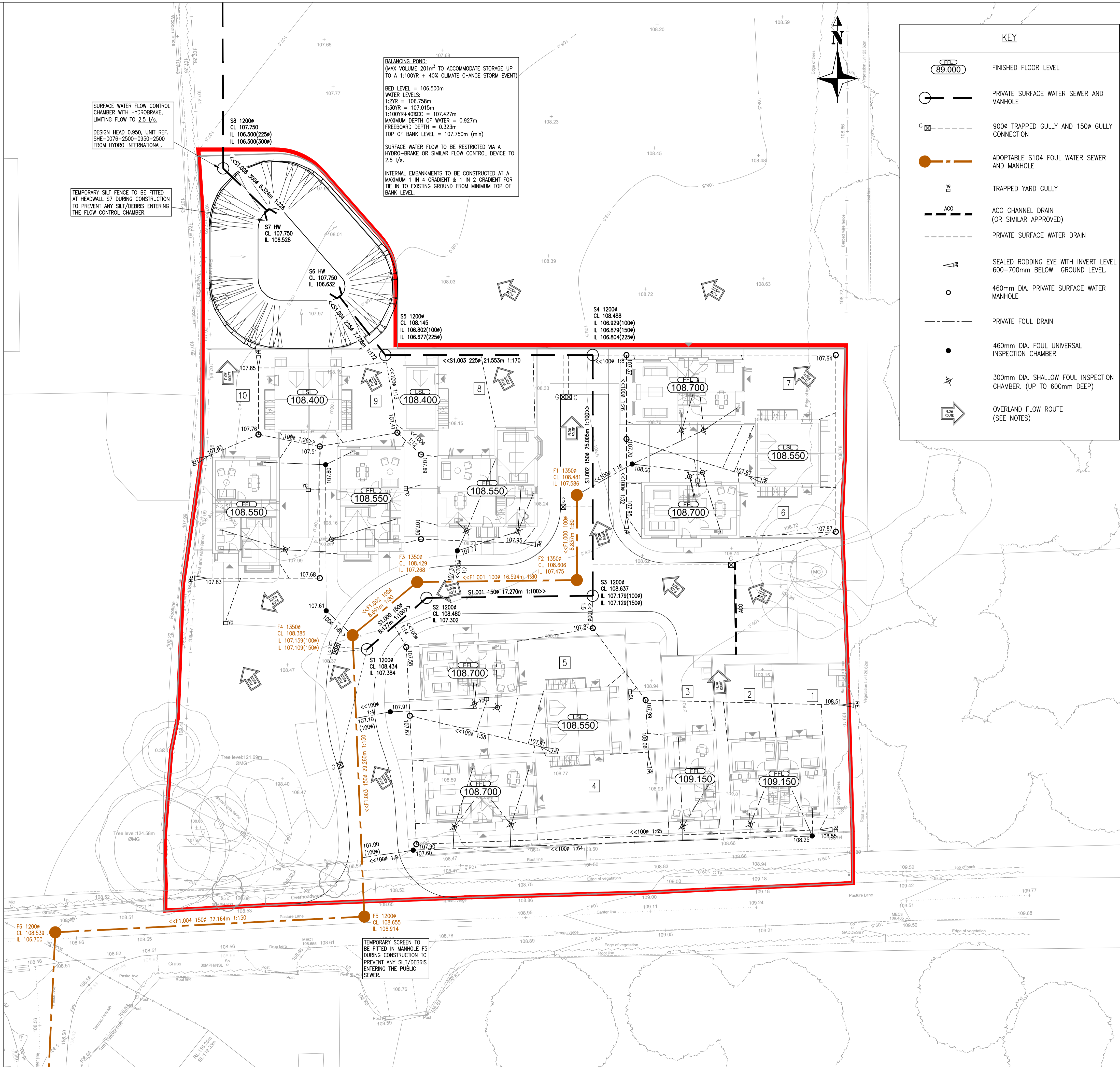


**NOTES:**

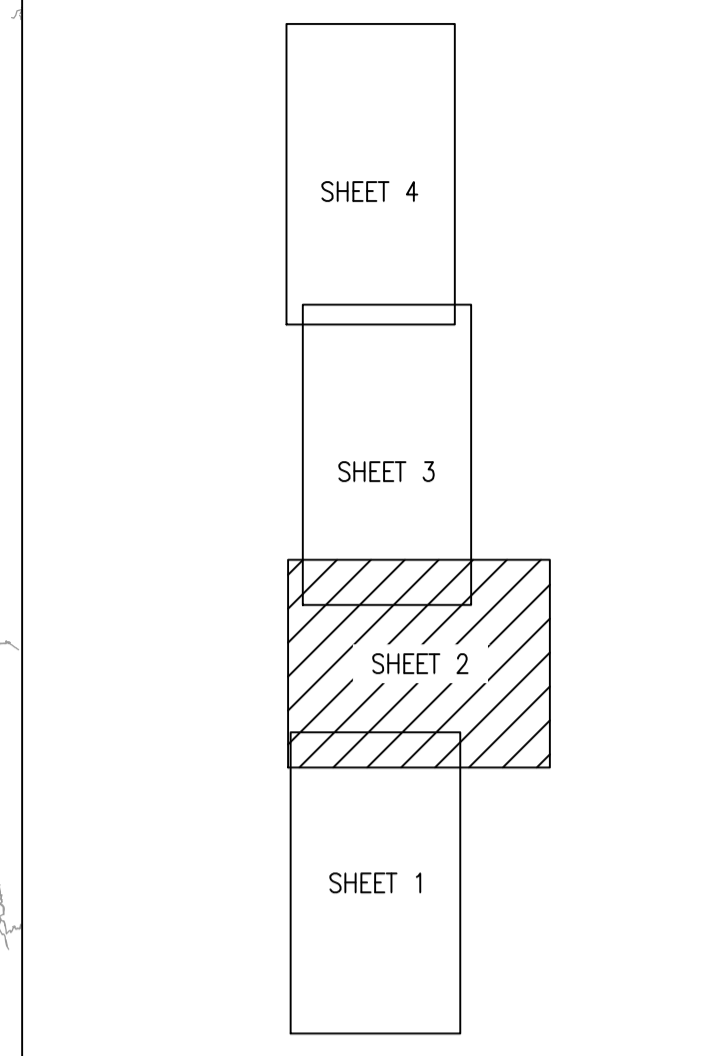
- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
- ALL FOUL DRAINAGE WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH DESIGN AND CONSTRUCTION GUIDANCE FOR FOUL AND SURFACE WATER SEWERS OFFERED FOR ADOPTION UNDER THE CODE FOR ADOPTION AGREEMENTS FOR WATER AND SEWERAGE COMPANIES OPERATING WHOLLY OR MAINLY IN ENGLAND ("THE CODE") APPROVED VERSION 2.1 MAY 2021.
- THE CONTRACTOR SHALL CHECK ALL TIE-INS FOR LINE AND LEVEL WITH EXISTING BEFORE COMMENCING ANY WORKS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IN WRITING, SHOULD ANY ERRORS BE FOUND.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ANY SERVICE APPARATUS IN THE VICINITY OF THE WORKS. THE CLIENT WILL ACCEPT NO CLAIMS WHATSOEVER IN RESPECT OF ANY LOSSES OR DAMAGE CAUSED IN RESPECT OF SUCH APPARATUS, HOWEVER CAUSED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EXECUTE THE WORKS AT ALL TIMES IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE HEALTH AND SAFETY AT WORK ACT 1974, AND THE C.D.M. REGULATIONS 2015. THE CONTRACTOR WILL BE DEEMED TO HAVE ALLOWED FOR FULL COMPLIANCE WITHIN THEIR RATES.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL WORKS ARE TO THE SATISFACTION OF THE ENGINEER, AND SHALL BE DEEMED TO HAVE INCLUDED WITHIN THEIR RATES FOR ANY NECESSARY TESTING.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY DE-WATERING AND TRENCH SUPPORT TO EXECUTE THE WORKS IN A SATISFACTORY MANNER, AND SHALL BE DEEMED TO HAVE ALLOWED FOR THE SAME WITHIN THEIR RATES.
- ALL BURIED CONCRETE PRODUCTS AND MORTAR SHALL BE MADE USING SULPHATE RESISTING CEMENT.
- ALL CONCRETE PRODUCTS FOR USE IN THE CONTRACT MUST BE BS KITEMARKED.
- ALL LIFTING EYES IN PRECAST CONCRETE PRODUCTS SHALL BE POINTED SMOOTH AFTER FIXING.
- THE FIRST MANHOLE UPSTREAM FROM CONNECTION TO THE (EXISTING) PUBLIC SEWER SHALL, WHEN CONSTRUCTED BE FITTED WITH A SCREEN IN ORDER TO PREVENT DEBRIS ENTERING THE PUBLIC SEWER. THE SCREEN SHALL NOT BE REMOVED UNTIL IMMEDIATELY PRIOR TO THE OCCUPATION OF PREMISES TO BE SERVED BY THE SEWER.
- PROTECTIVE CONCRETE COVER SLABS TO BE USED ON PIPES IN NON TRAFFIC AREAS WHICH DON'T ACHIEVE 0.9m COVER LEVEL AND 1.2m COVER IN TRAFFIC AREAS.
- AT PIPE CROSSINGS, PLASTIC MEMBRANE TO BE USED FOR PROTECTION TO ELIMINATE ANY CHANCES OF CROSS CONTAMINATION.
- ALL MANHOLE COVERS TO BE 675 x 675mm COVER AND FRAME TO MAINTAIN CLEAR 600 x 600mm CLEAR OPENING, UNLESS OTHERWISE STATED IN ACCORDANCE WITH BS EN 124 CLASS D400 AND EMBOSSED FW OR SW AS APPROPRIATE WHERE APPLICABLE.
- PRECAST CONCRETE RINGS SHALL NOT BE CUT UNDER ANY CIRCUMSTANCES. MANHOLES TO BE BUILT UP WITH CONCRETE OR BRICK WORK TO THE REQUIRED LEVEL.
- PIPES OF DIFFERENT DIAMETERS ENTERING MANHOLES SHOULD BE INSTALLED WITH SOFFITS AT THE SAME LEVEL UNLESS SHOWN OTHERWISE.



**KEY**

	FINISHED FLOOR LEVEL
	PRIVATE SURFACE WATER SEWER AND MANHOLE
	900mm TRAPPED GULLY AND 150mm GULLY CONNECTION
	ADOPTABLE S104 FOUL WATER SEWER AND MANHOLE
	TRAPPED YARD GULLY
	ACO CHANNEL DRAIN (OR SIMILAR APPROVED)
	PRIVATE SURFACE WATER DRAIN
	SEALED RODDING EYE WITH INVERT LEVEL 600-700mm BELOW GROUND LEVEL.
	460mm DIA. PRIVATE SURFACE WATER MANHOLE
	PRIVATE FOUL DRAIN
	460mm DIA. FOUL UNIVERSAL INSPECTION CHAMBER
	300mm DIA. SHALLOW FOUL INSPECTION CHAMBER. (UP TO 600mm DEEP)
	OVERLAND FLOW ROUTE (SEE NOTES)

**SHEET ARRANGEMENT**



- OVERLAND FLOW ROUTE NOTES:**
- FLOW ROUTES ARE REQUIRED TO FACILITATE THE POTENTIAL ROUTE OF SURFACE WATER FLOOD FLOWS FOR RAINFALL EVENTS EXCEEDING THE STORM SEWER DESIGN CRITERIA.
  - FLOW ROUTES ILLUSTRATED ON THE DRAWINGS SHALL BE KEPT CLEAR OF PERMANENT PHYSICAL OBSTRUCTIONS WHICH MAY IMPEDE THE FLOW OF SURFACE WATER (I.E. WALLS, RETAINING WALLS). FAILURE TO DO THIS WILL INCREASE THE RISK OF FLOODING TO PROPERTIES.
  - HOUSE SLAB LEVELS, EXTERNAL WORKS, DRIVE AND GARDEN GRADIENTS SHALL BE DESIGNED IN SUCH A WAY AS TO MINIMISE THE RISK OF FLOODING TO PROPERTIES IMMEDIATELY ADJACENT TO FLOW ROUTES.
  - SURFACE WATER REGULATION & ATTENUATION FACILITIES SHALL BE CONSTRUCTED TO THEIR ENTIRETY PRIOR TO THE CONNECTION OF ANY IMPERMEABLE AREAS FROM THE SECTION 104 SURFACE WATER SYSTEM. THIS WILL LIMIT FLOOD RISK TO DOWN STREAM PROPERTIES DURING CONSTRUCTION.

A	TEMPORARY SCREEN AT MANHOLE F5, SILT FENCE AT HEADWALL S7 AND FLOW ROUTE ARROWS ADDED. NOTE 5 UPDATED.	EM	EM	EM	05.04.22
-	FIRST ISSUE	NB	DMH	EM	22.03.22
REV	AMENDMENTS:	DRN	CHK	APP	DATE:

PROJECT: **PASTURE LANE GADESBY**

DRAWING TITLE: **DRAINAGE ARRANGEMENT SHEET 2 OF 4**

CLIENT: **CADEBY HOMES LTD**

DRAWING NUMBER: **24438\_02\_020\_01.2**

REVISION: **A** SHEET SIZE: **A1** SCALE: **1:200**

STATUS: **FOR INFORMATION / APPROVAL**

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