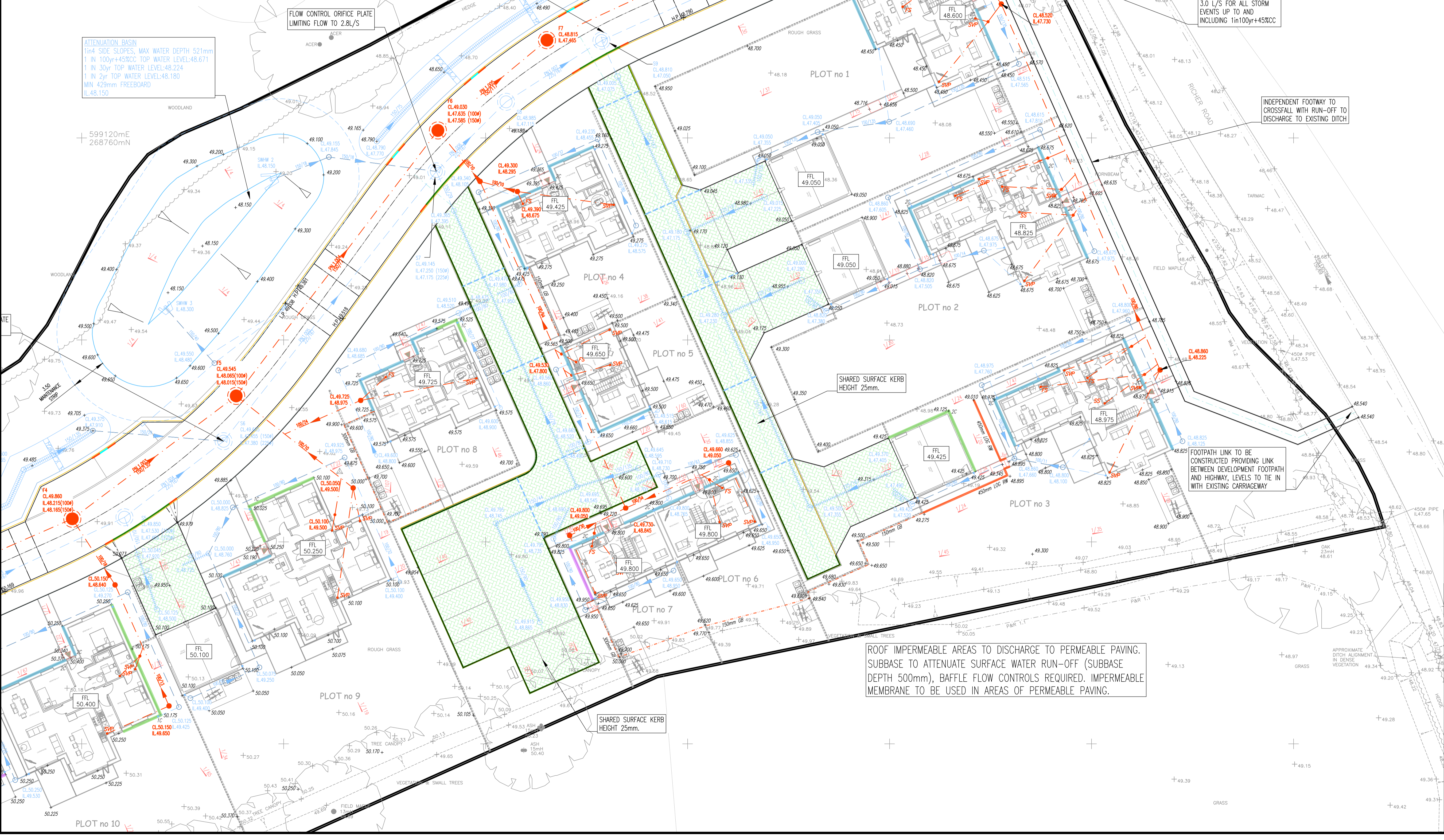


DRAINAGE KEY	
INSPECTION CHAMBERS	INSPECTION CHAMBERS
225mm Ø 0-600mm DEEP	225mm Ø 0-600mm DEEP
480mm Ø >600mm DEEP	480mm Ø >600mm DEEP
600mm Ø (BACKDROP) >1200mm DEEP	600mm Ø (BACKDROP) >1200mm DEEP
MANHOLES	MANHOLES
1200mm Ø (TRAFFICKED) >1200mm DEEP	1200mm Ø (TRAFFICKED) >1200mm DEEP
1200mm Ø (BACKDROP) >1200mm DEEP	1200mm Ø (BACKDROP) >1200mm DEEP
ADOPTABLE SURFACE WATER	ADOPTABLE FOUL WATER
SURFACE WATER MANHOLE TEXT	FOUL WATER MANHOLE TEXT
STORM WATER PIPE-RUN	FOUL WATER PIPE-RUN
INSPECTION CHAMBER DEPTH VARIES	INSPECTION CHAMBER DEPTH VARIES
SURFACING PERMEABLE BLOCK PAVING	

DRAINAGE KEY	
PRIVATE SURFACE WATER	PRIVATE FOUL WATER
SURFACE WATER MANHOLE TEXT	FOUL WATER MANHOLE TEXT
SURFACE PIPE-RUN DIAMETER/GRADE	FOUL PIPE-RUN DIAMETER/GRADE
PRIVATE ROAD GULLY	PRIVATE FOUL CONNECTION POINTS
PRIVATE YARD GULLY	SOIL & VENT PIPE
RODDING EYE	STUB STACK
RAIN WATER PIPE	WC CONNECTION
PERMEABLE SUBBASE	WASH HAND BASIN
UNDER- DRAINED SWALE	TRAPPED GULLY
	SEALED FLOOR GULLY
	BACK INLET GULLY
	FLOOR SOCKET
	AIR ADMITTANCE VALVE

REGRADE KEY	
RETAINING WALL- LEVEL RETAINED	450mm RW
GRAVEL BOARDS- LEVEL RETAINED	300mm OB
UNDERBUILD WITH NO. OF BRICK COURSES	2C
EXTENT OF RAISED /SECONDARY D.P.C.	2C
TANKING - WITH NO. OF BRICK COURSES	2C
PROPOSED LEVEL	0.0000
EXISTING LEVEL	0.0000
GRADIENT	1:1.2
STEPS	1:1 2:1 3:1
BANKING MARKER	
LEVEL THRESHOLD & PART M PLATFORM	FFL 00.0000

- GENERAL**
- DO NOT SCALE THIS DRAWING. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED. ANY DISCREPANCIES ARE TO BE RECORDED AND REPORTED TO THE ENGINEERS IMMEDIATELY.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERS AND ARCHITECTS DRAWINGS AND THE SPECIFICATION.
 - ANY EXISTING DETAILS WHICH ARE SHOWN ON THIS DRAWING ARE FOR GUIDANCE ONLY AND ARE TO BE CHECKED ON SITE BY THE CONTRACTOR. ANY VARIATIONS ARE TO BE RECORDED AND REPORTED TO THE ENGINEER IMMEDIATELY.
 - ALL WORK ARE TO BE TO THE SATISFACTION OF THE ENGINEER AND LOCAL AUTHORITY BUILDING CONTROL.
 - THE CONTRACTOR IS RESPONSIBLE FOR AND MUST TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE STABILITY OF THE WORKS AT ALL TIMES DURING CONSTRUCTION.
 - ALL WORKMANSHIP AND MATERIALS ARE TO BE TO CURRENT BRITISH STANDARDS.
 - ALL SERVICES ARE TO BE LOCATED AND PROTECTED AS NECESSARY BY THE CONTRACTOR PRIOR TO THE COMMENCEMENT OF THE WORKS.
 - ALL HIGHWAY WORKS ARE TO BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES DESIGN GUIDE AND SPECIFICATION.
 - PRIOR TO THE OCCUPATION OF THE FIRST DWELLING, STREET NAMEPLATES SHALL BE ERECTED IN ACCORDANCE WITH THE HIGHWAY AUTHORITY AND TO THE WORDING AGREED WITH THE PLANNING AUTHORITY.
 - DURING CONSTRUCTION WORKS ON SITE, ALL ROADS AND FOOTPATHS ARE TO BE SWEEP ONLY AND ARE TO BE KEPT CLEAR OF OBSTRUCTIONS, THIS IS TO INCLUDE EXISTING HIGHWAYS AS APPROPRIATE TO ENSURE SAFE PASSAGE OF ALL ROAD USERS.
 - PROVISION SHALL BE MADE FOR THE INSTALLATION OF ALL MAINS SERVICES INCLUDING DUCTING PRIOR TO THE LAYING OF THE ROAD BASE-COURSE.
 - ALL ROAD MARKINGS AND SIGNS ARE TO BE IN ACCORDANCE WITH 'THE TRAFFIC SIGNS REGULATIONS AND DIRECTIONS' 2016.
 - ALL ADOPTABLE SURFACE WATER SEWERS WITHIN ADOPTABLE HIGHWAYS ARE TO BE A MINIMUM OF 225MM.
 - ALL WATER AUTHORITY SEWER WORKS ARE TO BE IN ACCORDANCE WITH 'SEWERAGE SECTOR GUIDANCE APPENDIX C' DESIGN AND CONSTRUCTION GUIDANCE VERSION 1.0 25TH OCTOBER 2019 AND ANY ADDENDUM THEREAFTER.
 - ALL PRIVATE CONNECTIONS TO ADOPTABLE SEWERS SHALL BE A MINIMUM OF 100mm DIAMETER (FOUL) & 150mm DIAMETER (SURFACE) MADE IN VITRIFIED CLAY CONNECTING SOFFIT TO SOFFIT.
 - NO TREES ARE TO BE PLANTED WITHIN 3M OF ANY ADOPTABLE SEWER AND TREE PITS/ROOT BARRIER ARE TO BE USED WHERE TREES ARE WITHIN 3-6M AS SPECIFIED BY THE WATER AUTHORITY.



KERB LAYOUT KEY	
EDGING KERB (EF)	
HALF-BATTERED KERB 100mm UPSTAND	
BULL NOSE KERB (BN2) 25mm UPSTAND	
BULL NOSE KERB (BN2) 0mm UPSTAND	
DROPPER KERB	
DISH CHANNEL KERB	
SPEED TABLE/ SHARED SURFACE RAMP	
TACTILE PAVING	

Rev	Revision Notes	Drawn	Apprv	Date

INGENT
CONSULTING ENGINEERS
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PRELIMINARY

Project:
**RICHER ROAD, BADWELL ASH
SUFFOLK**

Drawing Title:
**ENGINEERING LAYOUT
SHEET 1 OF 2**

Client: BG & JM SUTTON	Date: SEPT 2023
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Drawn: JH	Designed: JH	Checked: DCH	Approved: RGW
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Scale: 1:200	Project No: 2005-453	Drawing No & Revision: 070	Size: A1
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