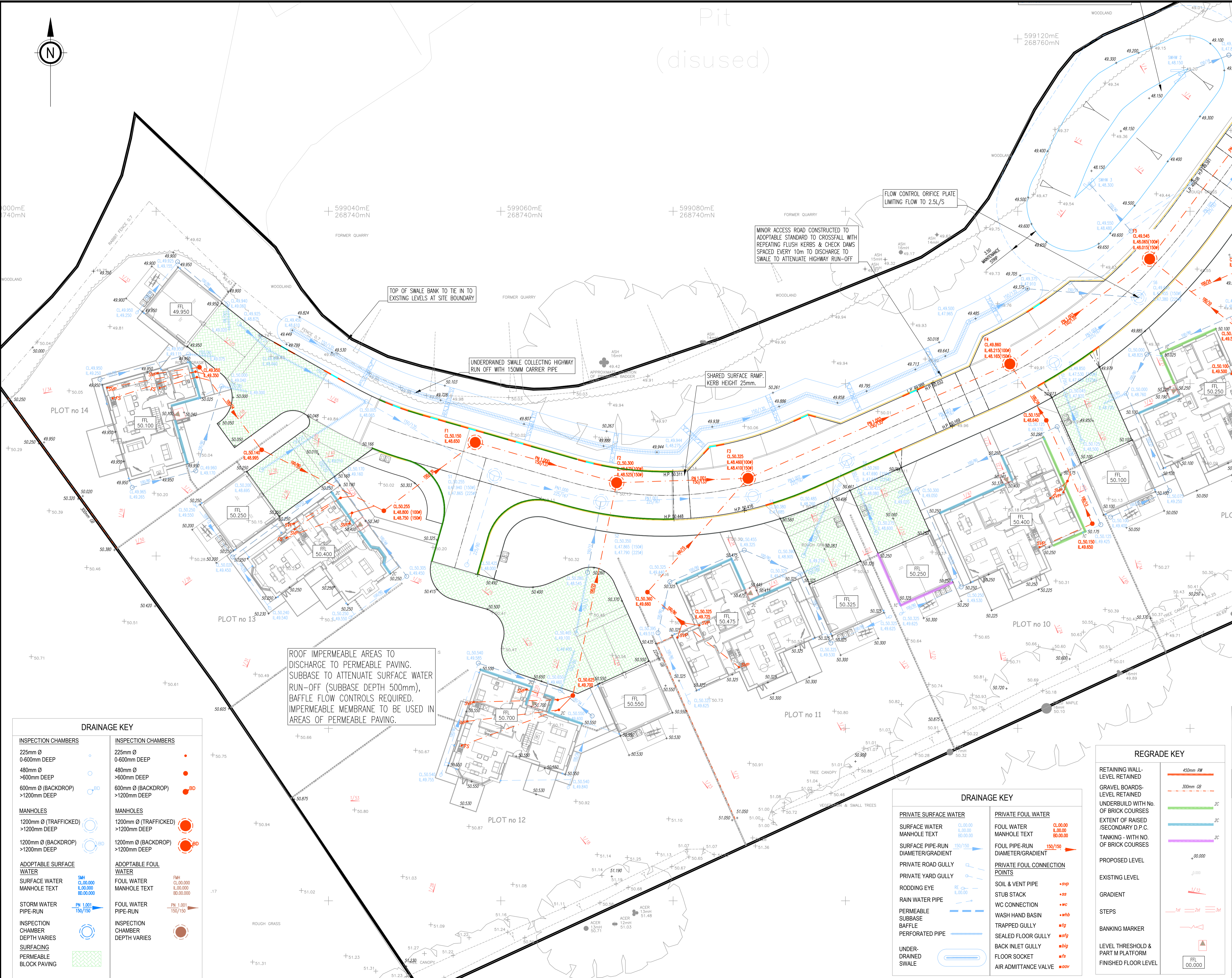


Pit  
(disused)



- 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 AND 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 ADAPTABLE SURFACE WATER SEWERS WITHIN ADAPTABLE 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 ADAPTABLE SEWERS SHOULD 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 ADAPTABLE 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                    | — |

ROOF IMPERMEABLE AREAS TO DISCHARGE TO PERMEABLE PAVING. SUBBASE TO ATTENUATE SURFACE WATER RUN-OFF (SUBBASE DEPTH 500mm), BAFFLE FLOW CONTROLS REQUIRED. IMPERMEABLE MEMBRANE TO BE USED IN AREAS OF PERMEABLE PAVING.

**DRAINAGE KEY**

| INSPECTION CHAMBERS  |                                  |
|--|----------------------------------|
| 225mm Ø 0-600mm DEEP   | ●                                |
| 480mm Ø 0-600mm DEEP   | ●                                |
| 600mm Ø (BACKDROP) >1200mm DEEP                                  | ●                                |
| 1200mm Ø (TRAFFICKED) >1200mm DEEP                               | ●                                |
| 1200mm Ø (BACKDROP) >1200mm DEEP                                 | ●                                |
| MANHOLES   |                                  |
| 1200mm Ø (TRAFFICKED) >1200mm DEEP                               | ●                                |
| 1200mm Ø (BACKDROP) >1200mm DEEP                                 | ●                                |
| ADOPTABLE SURFACE WATER  |                                  |
| SURFACE WATER MANHOLE TEXT                                       | SMH CL.00.000 L.00.000 B0.00.000 |
| STORM WATER PIPE-RUN   | PN 1.001 150/150                 |
| INSPECTION CHAMBER DEPTH VARIES SURFACING PERMEABLE BLOCK PAVING | ●                                |
| INSPECTION CHAMBERS  |                                  |
| 225mm Ø 0-600mm DEEP   | ●                                |
| 480mm Ø 0-600mm DEEP   | ●                                |
| 600mm Ø (BACKDROP) >1200mm DEEP                                  | ●                                |
| 1200mm Ø (TRAFFICKED) >1200mm DEEP                               | ●                                |
| 1200mm Ø (BACKDROP) >1200mm DEEP                                 | ●                                |
| MANHOLES   |                                  |
| 1200mm Ø (TRAFFICKED) >1200mm DEEP                               | ●                                |
| 1200mm Ø (BACKDROP) >1200mm DEEP                                 | ●                                |
| ADOPTABLE FOUL WATER   |                                  |
| FOUL WATER MANHOLE TEXT  | FMH CL.00.000 L.00.000 B0.00.000 |
| FOUL WATER PIPE-RUN  | PN 1.001 150/150                 |
| INSPECTION CHAMBER DEPTH VARIES                                  | ●                                |

**DRAINAGE KEY**

| PRIVATE SURFACE WATER              |                           |
|------------------------------------|---------------------------|
| SURFACE WATER MANHOLE TEXT         | CL.00.00 L.00.00 B0.00.00 |
| SURFACE PIPE-RUN DIAMETER/GRADIENT | 150/150                   |
| PRIVATE ROAD GULLY                 | ●                         |
| PRIVATE YARD GULLY                 | ●                         |
| RODDING EYE                        | ●                         |
| STUB STACK                         | ●                         |
| RAIN WATER PIPE                    | ●                         |
| PERMEABLE SUBBASE                  | ●                         |
| BAFFLE                             | ●                         |
| PERFORATED PIPE                    | ●                         |
| UNDER-DRAINED SWALE                | ●                         |
| PRIVATE FOUL WATER                 |                           |
| FOUL WATER MANHOLE TEXT            | CL.00.00 L.00.00 B0.00.00 |
| FOUL PIPE-RUN DIAMETER/GRADIENT    | 150/150                   |
| PRIVATE FOUL CONNECTION POINTS     |                           |
| SOIL & VENT PIPE                   | ●                         |
| WC CONNECTION                      | ●                         |
| WASH HAND BASIN                    | ●                         |
| 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 GB    |
| UNDERBUILD WITH No. OF BRICK COURSES | 20          |
| EXTENT OF RAISED /SECONDARY D.P.C.   | 20          |
| TANKING - WITH NO. OF BRICK COURSES  | 20          |
| PROPOSED LEVEL                       |             |
| EXISTING LEVEL                       | ●           |
| GRADIENT                             | 1:12        |
| STEPS                                | 1st 2nd 3rd |
| BANKING MARKER                       | ●           |
| LEVEL THRESHOLD & PART M PLATFORM    |             |
| FINISHED FLOOR LEVEL                 | FFL 00.000  |

**INGENT CONSULTING ENGINEERS**  
Unit 10 Brightwell Barns, Waldringfield Road, Brightwell, Suffolk, IP10 0BJ.  
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**PRELIMINARY**

Project: RICHER ROAD, BADWELL ASH SUFFOLK

Drawing Title: ENGINEERING LAYOUT SHEET 2 OF 2

|                        |                 |              |               |
|------------------------|-----------------|--------------|---------------|
| Client: BG & JM SUTTON | Date: SEPT 2023 |              |               |
| Drawn: JH              | Designed: JH    | Checked: DCH | Approved: RGW |

Scale: 1:200

|                      |                            |          |
|----------------------|----------------------------|----------|
| Project No: 2005-453 | Drawing No & Revision: 071 | Size: A1 |
|----------------------|----------------------------|----------|