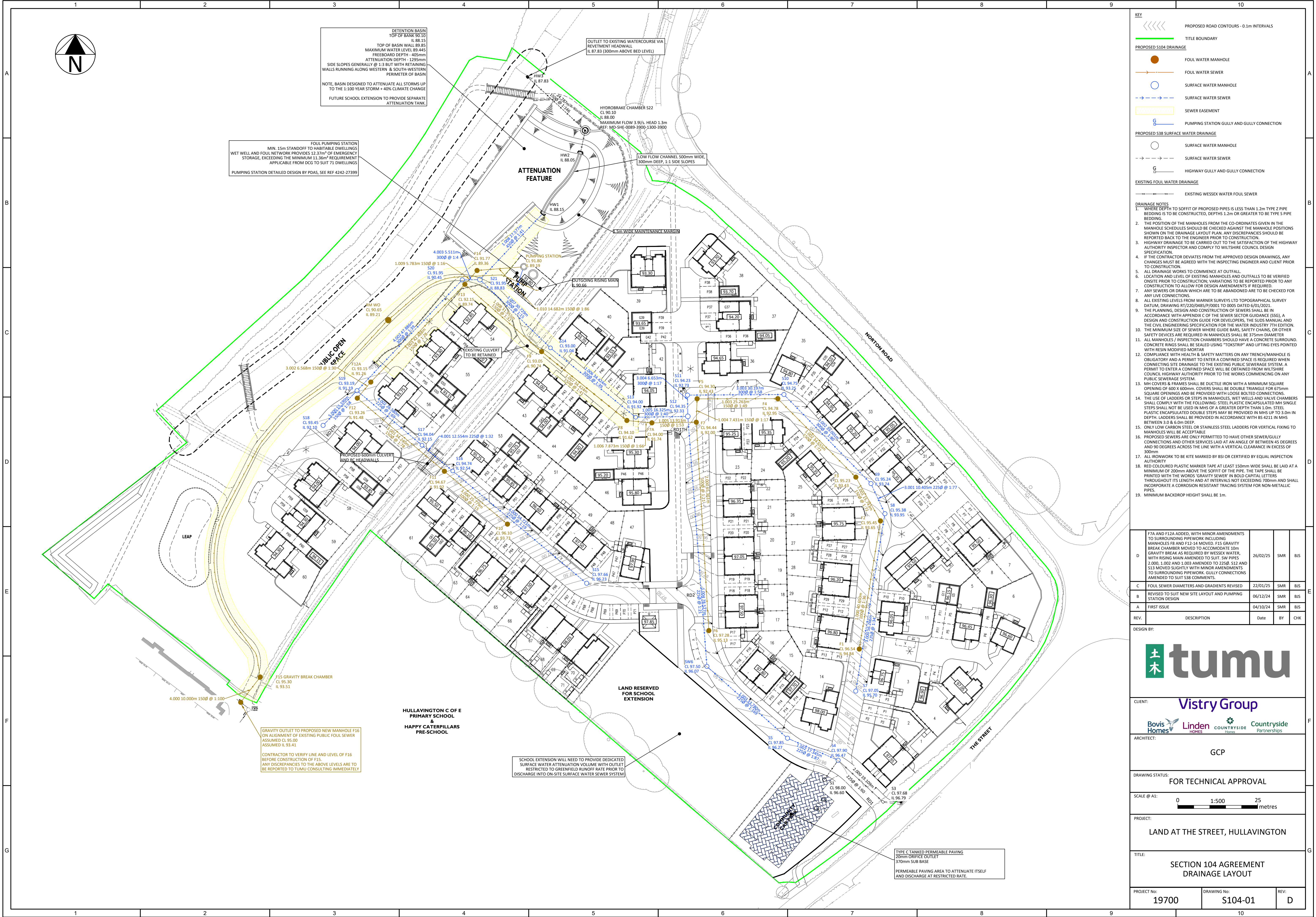




KEY

- PROPOSED ROAD CONTOURS - 0.1m INTERVALS
- TITLE BOUNDARY
- PROPOSED S104 DRAINAGE
- FOUL WATER MANHOLE
- FOUL WATER SEWER
- SURFACE WATER MANHOLE
- SURFACE WATER SEWER
- SEWER EASEMENT
- PUMPING STATION GULLY AND GULLY CONNECTION
- PROPOSED S38 SURFACE WATER DRAINAGE
- SURFACE WATER MANHOLE
- SURFACE WATER SEWER
- HIGHWAY GULLY AND GULLY CONNECTION
- EXISTING FOUL WATER DRAINAGE
- EXISTING WESSEX WATER FOUL SEWER

- DRAINAGE NOTES**
- WHERE DEPTH TO SOFFIT OF PROPOSED PIPES IS LESS THAN 1.2m TYPE 2 PIPE BEDDING IS TO BE CONSTRUCTED, DEPTHS 1.2m OR GREATER TO BE TYPE 5 PIPE BEDDING.
 - THE POSITION OF THE MANHOLES FROM THE CO-ORDINATES GIVEN IN THE MANHOLE SCHEDULES SHOULD BE CHECKED AGAINST THE MANHOLE POSITIONS SHOWN ON THE DRAINAGE LAYOUT PLAN. ANY DISCREPANCIES SHOULD BE REPORTED BACK TO THE ENGINEER PRIOR TO CONSTRUCTION.
 - HIGHWAY DRAINAGE TO BE CARRIED OUT TO THE SATISFACTION OF THE HIGHWAY AUTHORITY INSPECTOR AND COMPLY TO WILTSHIRE COUNCIL DESIGN SPECIFICATION.
 - IF THE CONTRACTOR DEVIATES FROM THE APPROVED DESIGN DRAWINGS, ANY CHANGES MUST BE AGREED WITH THE INSPECTING ENGINEER AND CLIENT PRIOR TO CONSTRUCTION.
 - ALL DRAINAGE WORKS TO COMMENCE AT OUTFALL.
 - LOCATION AND LEVEL OF EXISTING MANHOLES AND OUTFALLS TO BE VERIFIED ON SITE PRIOR TO CONSTRUCTION. VARIATIONS TO BE REPORTED PRIOR TO ANY CONSTRUCTION TO ALLOW FOR DESIGN AMENDMENTS IF REQUIRED.
 - ANY SEWERS OR DRAIN WHICH ARE TO BE ABANDONED ARE TO BE CHECKED FOR ANY LIVE CONNECTIONS.
 - ALL EXISTING LEVELS FROM WARNER SURVEYS LTD TOPOGRAPHICAL SURVEY DATUM, DRAWING RT/220/0485/P/0001 TO 0005 DATED 6/01/2021.
 - THE PLANNING, DESIGN AND CONSTRUCTION OF SEWERS SHALL BE IN ACCORDANCE WITH APPENDIX C OF THE SEWER SECTOR GUIDANCE (SSG), A DESIGN AND CONSTRUCTION GUIDE FOR DEVELOPERS, THE SUDS MANUAL AND THE CIVIL ENGINEERING SPECIFICATION FOR THE WATER INDUSTRY 7TH EDITION.
 - THE MINIMUM SIZE OF SEWER WHERE GUIDE BARS, SAFETY CHAINS, OR OTHER SAFETY DEVICES ARE REQUIRED IN MANHOLES SHALL BE 375mm DIAMETER.
 - ALL MANHOLES / INSPECTION CHAMBERS SHOULD HAVE A CONCRETE SURROUND. CONCRETE RINGS SHALL BE SEALED USING "TOKSTRIP" AND LIFTING EYES POINTED WITH RESIN MODIFIED MORTAR.
 - COMPLIANCE WITH HEALTH & SAFETY MATTERS ON ANY TRENCH/MANHOLE IS OBLIGATORY AND A PERMIT TO ENTER A CONFINED SPACE IS REQUIRED WHEN CONNECTING SITE DRAINAGE TO THE EXISTING PUBLIC SEWERAGE SYSTEM. A PERMIT TO ENTER A CONFINED SPACE WILL BE OBTAINED FROM WILTSHIRE COUNCIL HIGHWAY AUTHORITY PRIOR TO THE WORKS COMMENCING ON ANY PUBLIC SEWERAGE SYSTEM.
 - MH COVERS & FRAMES SHALL BE DUCTILE IRON WITH A MINIMUM SQUARE OPENING OF 600 X 600mm. COVERS SHALL BE DOUBLE TRIANGLE FOR 675mm SQUARE OPENINGS AND BE PROVIDED WITH LOOSE BOLTED CONNECTIONS.
 - THE USE OF LADDERS OR STEPS IN MANHOLES, WET WELLS AND VALVE CHAMBERS SHALL COMPLY WITH THE FOLLOWING: STEEL PLASTIC ENCAPSULATED MH SINGLE STEPS SHALL NOT BE USED IN MHS OF A GREATER DEPTH THAN 1.0m. STEEL PLASTIC ENCAPSULATED DOUBLE STEPS MAY BE PROVIDED IN MHS UP TO 3.0m IN DEPTH. LADDERS SHALL BE PROVIDED IN ACCORDANCE WITH BS 4211 IN MHS BETWEEN 3.0 & 6.0m DEEP.
 - ONLY LOW CARBON STEEL OR STAINLESS STEEL LADDERS FOR VERTICAL FIXING TO MANHOLES WILL BE ACCEPTABLE.
 - PROPOSED SEWERS ARE ONLY PERMITTED TO HAVE OTHER SEWER/GULLY CONNECTIONS AND OTHER SERVICES LAID AT AN ANGLE OF BETWEEN 45 DEGREES AND 90 DEGREES ACROSS THE LINE WITH A VERTICAL CLEARANCE IN EXCESS OF 300mm.
 - ALL IRONWORK TO BE KITE MARKED BY BS1 OR CERTIFIED BY EQUAL INSPECTION AUTHORITY.
 - RED COLOURED PLASTIC MARKER TAPE AT LEAST 150mm WIDE SHALL BE LAID AT A MINIMUM OF 200mm ABOVE THE SOFFIT OF THE PIPE. THE TAPE SHALL BE PRINTED WITH THE WORDS "GRAVITY SEWER" IN BOLD CAPITAL LETTERS THROUGHOUT ITS LENGTH AND AT INTERVALS NOT EXCEEDING 700mm AND SHALL INCORPORATE A CORROSION RESISTANT TRACING SYSTEM FOR NON-METALLIC PIPES.
 - MINIMUM BACKDROP HEIGHT SHALL BE 1m.

D	F7A AND F12A ADDED, WITH MINOR AMENDMENTS TO SURROUNDING PIPEWORK INCLUDING MANHOLES F8 AND F12.14 MOVED. F15 GRAVITY BREAK CHAMBER MOVED TO ACCOMMODATE 10m GRAVITY BREAK AS REQUIRED BY WESSEX WATER, WITH RISING MAIN AMENDED TO SUIT. SW PIPES 2,000, 1,002 AND 1,003 AMENDED TO 2250. S12 AND S13 MOVED SLIGHTLY WITH MINOR AMENDMENTS TO SURROUNDING PIPEWORK. GULLY CONNECTIONS AMENDED TO SUIT S38 COMMENTS.	26/02/25	SMR	BJS
	C FOUL SEWER DIAMETERS AND GRADIENTS REVISED	22/01/25	SMR	BJS
	B REVISED TO SUIT NEW SITE LAYOUT AND PUMPING STATION DESIGN	06/12/24	SMR	BJS
	A FIRST ISSUE	04/10/24	SMR	BJS
REV.	DESCRIPTION	Date	BY	CHK

DESIGN BY:

tumu

CLIENT: **Vistry Group**

ARCHITECT: **Bovis Homes Linden Homes COUNTRYSIDE Partnerships**

GCP

DRAWING STATUS: **FOR TECHNICAL APPROVAL**

SCALE @ A1: 0 1:500 25 metres

PROJECT: **LAND AT THE STREET, HULLAVINGTON**

TITLE: **SECTION 104 AGREEMENT DRAINAGE LAYOUT**

PROJECT No:	DRAWING No:	REV:
19700	S104-01	D