

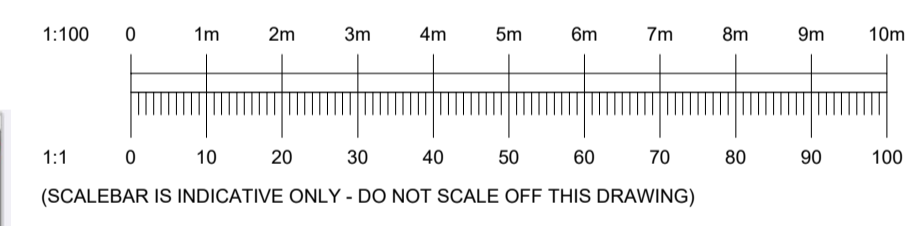
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- GENERAL**
1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT PROJECT DOCUMENTATION.
 2. OVERALL SETTING OUT DIMENSIONS AND LEVEL DATUMS TO BE CONFIRMED BY THE ARCHITECT.
 3. ANY DISCREPANCIES BETWEEN THIS DRAWING AND THE ARCHITECTURAL DRAWINGS SHOULD IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE CONTRACT ADMINISTRATOR, ARCHITECT & ENGINEER.
 4. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ON DRAWINGS ARE IN MILLIMETRES, LEVELS ARE IN METRES.
 5. DO NOT SCALE OFF DRAWING. ONLY WRITTEN OR CALCULATED DIMENSIONS MUST BE USED FOR THE PURPOSE OF CONSTRUCTION.
 6. ALL DETAILS AND DIMENSIONS, PARTICULARLY THOSE RELATING TO EXISTING STRUCTURES, ARE TO BE CHECKED OR VERIFIED ON SITE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION OR FABRICATION AND ANY DISCREPANCIES REPORTED TO THE CONTRACT ADMINISTRATOR, ARCHITECT & ENGINEER.
 7. MATERIALS AND WORKMANSHIP MUST COMPLY WITH ALL RELEVANT NBS SPECIFICATIONS, NATIONAL/LEU CODES OF PRACTICE AND LOCAL AUTHORITY & STATUTORY APPROVALS.
 8. ANY NAMED PROPRIETARY PRODUCT OR MATERIAL IS PROVIDED AS A REFERENCE ONLY. CONTRACTORS MAY PROPOSE AN ALTERNATIVE PROVIDED THAT THE PRODUCT OR MATERIAL IS OF EQUIVALENT STANDARD SUBJECT TO THE AGREEMENT OF THE ENGINEER.
 9. ALL PROPRIETARY PRODUCTS ARE TO BE USED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S DETAILS AND REQUIREMENTS.
 10. CONTRACTORS MUST IDENTIFY IN THEIR TENDER SUBMISSION, ANY PRODUCTS THAT HAVE LONG LEAD-IN PERIODS FOR WHICH THE MATERIALS WOULD NEED TO BE PRE-ORDERED PRIOR TO THE AWARD OF THIS CONTRACT.

- GENERAL KEY:**
- SITE BOUNDARY
- DRAINAGE KEY:**
- EXISTING COMBINED SEWER
 - EXISTING FOUL SEWER
 - EXISTING STORM SEWER
 - EXISTING COMBINED MANHOLES

IMPERMEABLE AREAS		
UPSTREAM MANHOLE	HATCH	IMPERMEABLE AREA NOT PRONE TO URBAN CREEP (m ²)
EXMH04		771.58

NOTE:
 EXISTING DISCHARGE RATE IS BASED ON THE MODIFIED RATIONAL METHOD, Q=2.78 CA.
 $Q = 2.78 \times 1 \times 50 \times 0.0772 = 10.722 \text{ l/s}$
 EXISTING DISCHARGE RATE = 10.722 l/s
 30% BETTERMENT BASED ON SOUTH YORKSHIRE INTERIM LOCAL GUIDANCE FOR SuDs, CLAUSE 6.10:
 $10.722 \times 0.7 = 7.5 \text{ l/s}$
 PROPOSED DISCHARGE RATE = 7.5 l/s



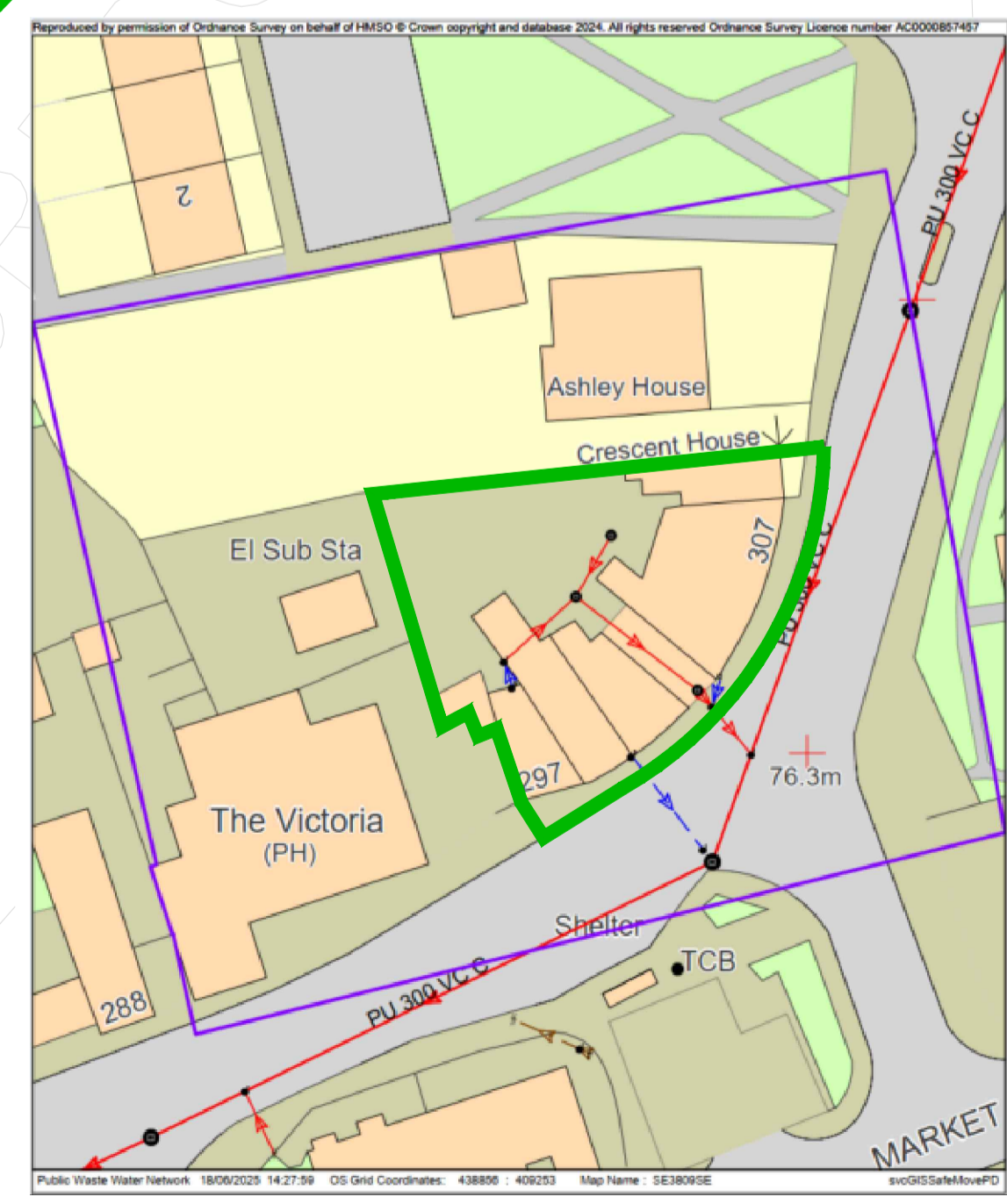
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		17.11.2025	17.11.2025	17.11.2025
P01	FIRST ISSUE	JSM	ZS	LF
		22.10.2025	27.10.2025	27.10.2025
Rev	Details	Author & Date	Checked & Date	Approved & Date

align PROPERTY SERVICES

White Rose House (2nd Floor), Northallerton Business Park, Thurston Road, Northallerton DL6 2NA
 Client: BARNLEY METROPOLITAN BOROUGH COUNCIL
 Project Name: THE CRESCENT, CUDWORTH DEMOLITION & CREATION OF URBAN PARK
 Drawing Title: EXISTING DRAINAGE & IMPERMEABLE AREAS PLAN
 Purpose: PRELIMINARY

Scale	Drawn	Checked	Approved
1:100	JSM	ZS	LF
Original Size	Date	Date	Date
A1	10.2025	10.2025	10.2025
Drawing Number			Rev.
BC2509-APS-90-XX-DR-C-7400			P02

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YORKSHIRE WATER MAP