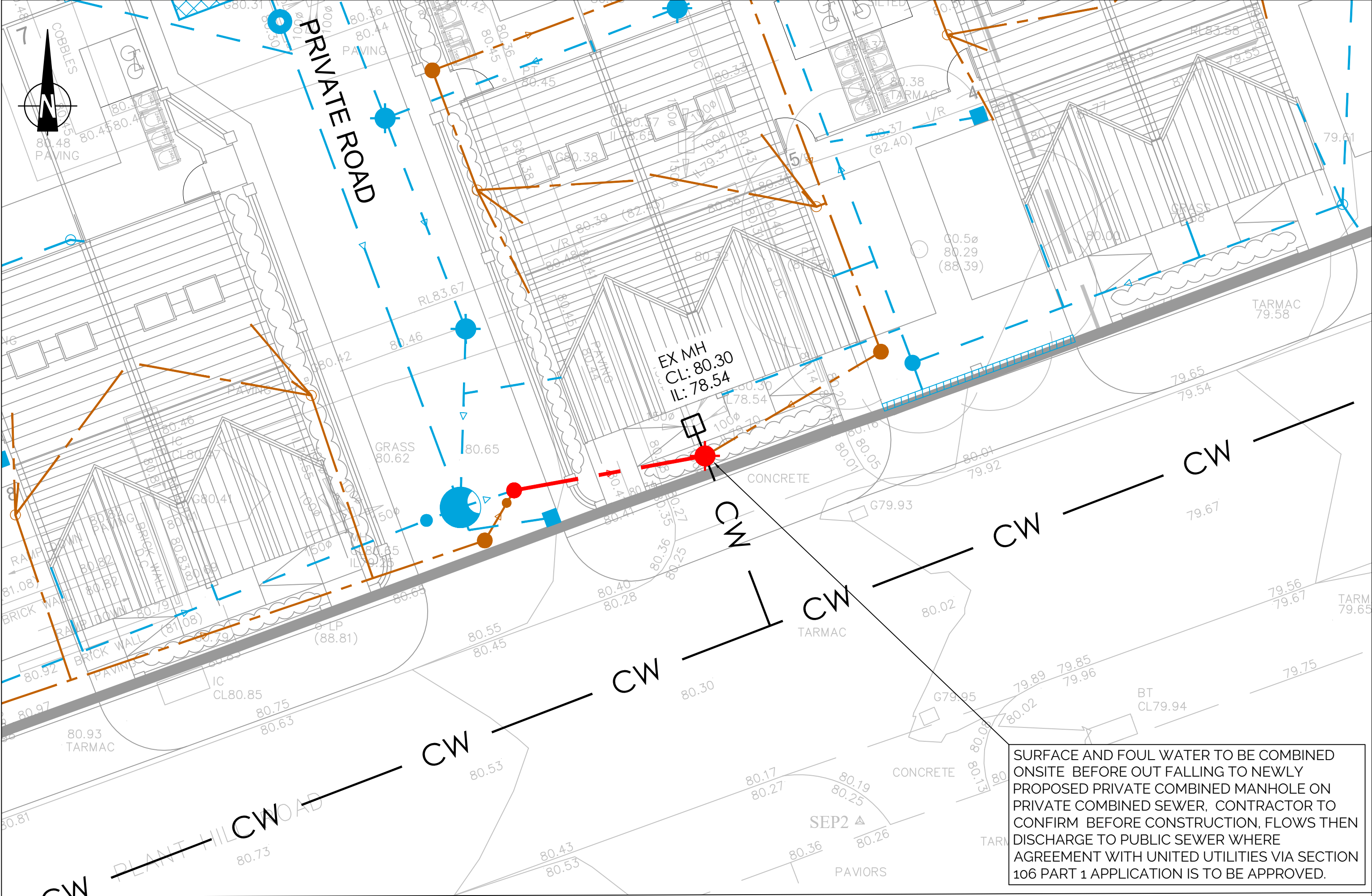
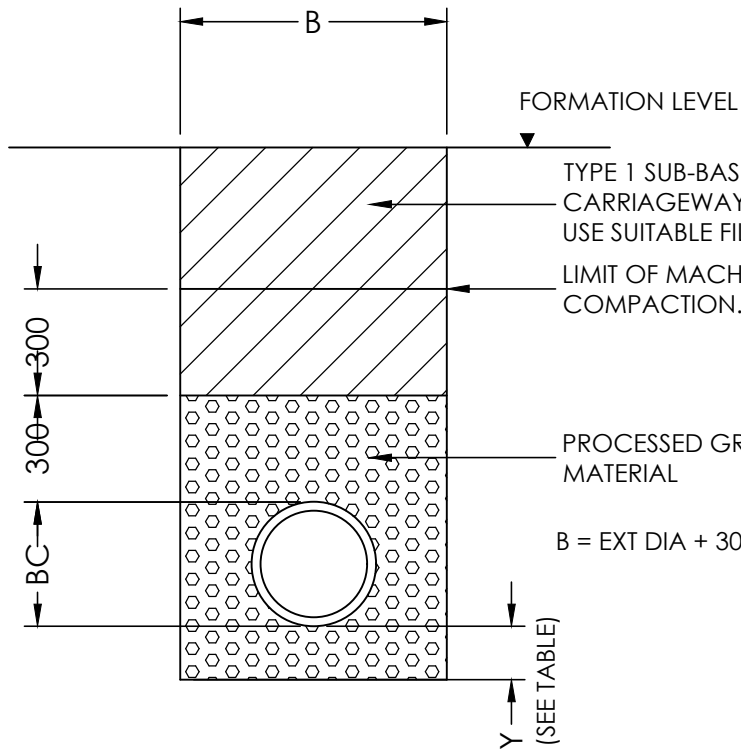




SURFACE AND FOUL WATER TO BE COMBINED ONSITE BEFORE OUT FALLING TO NEWLY PROPOSED PRIVATE COMBINED MANHOLE ON PRIVATE COMBINED SEWER, CONTRACTOR TO CONFIRM BEFORE CONSTRUCTION, FLOWS THEN DISCHARGE TO PUBLIC SEWER WHERE AGREEMENT WITH UNITED UTILITIES VIA SECTION 106 PART 1 APPLICATION IS TO BE APPROVED.



NOTE:

1 ALL DIMENSIONS IN MM

2 A CONCRETE SURROUND IS NOT NORMALLY TO MANHOLES UNLESS INSTALLED IN AREA OF UNSTABLE GROUND, UNDER CONDITIONS OF FLOATATION OR WHERE SUBJECTED TO EXCEPTIONAL OR ECCENTRIC LOADS IN WHICH CASES A 150MM SURROUND OF AT LEAST 20N/MM² CONCRETE SHOULD BE PROVIDED. ANY JOINTS SHOULD BE STAGGERED WITH THE PRECAST CONCRETE JOINTS.

3 DOUBLE STEPS SHALL BE PLASTIC ENCAPSULATED CARBON TO BS EN 1247-2 MANHOLE STEPS. STEP IRONS AT 300 CENTRES HORIZONTALLY AND VERTICALLY MAY BE USED AS AN ALTERNATIVE TO DOUBLE STEPS.

BEDDING FACTOR (SEE NOTE)	
2.2	NARROW TRENCH
2.2 OR 2.5	NARROW TRENCH
2.2	EMBANKMENT

BEDDING FACTORS ARE DERIVED FROM A GUIDE TO DESIGN LOADINGS FOR BURIED RIGID PIPES" AND IGN 4-11-02 "REVISED BEDDING FACTOR FOR VITRIFIED CLAY DRAINS AND SEWERS".

NO DETAIL REQUIRED DUE TO OUTFALL UTILISING EXISTING PRIVATE CONNECTION TO UNITED UTILITIES SEWER.

NORMINAL INT PIPE DIA	MINIMUM INTERNAL CHAMBER DIA	MINIMUM CLEAR OPENING SIZE	COVER SLAB ACCESS HOLE	COVER FRAME SEALING RING
100	1050	750x750	750x750 CENTRAL	750x750 CENTRAL
150	1050	750x750	750x750 CENTRAL	750x750 CENTRAL
225	1200	1200x675	1200x675 CENTRAL	1200x675 CENTRAL
300	1200	1200x675	1200x675 CENTRAL	1200x675 CENTRAL
375	1350	1200x675	1200x675 CENTRAL	1200x675 CENTRAL

TYPE 7 BEDDING DETAILS
(EMBEDMENT CLASS S)

GENERAL NOTES

THIS DRAWING TO READ IN CONJUNCTION WITH ALL RELEVANT STRUCTURAL AND ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.

ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR / FABRICATOR PRIOR TO COMMENCEMENT OF WORKS.

ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH THE ENGINEER'S SPECIFICATIONS, RELEVANT BRITISH STANDARDS AND WHERE APPLICABLE LOCAL AUTHORITIES REQUIREMENTS.

Amber House Green Lane Liverpool L13 7GD
0151 305 0700 www.shapeengineering.co.uk @shapetweets

PROJECT	Plant Hill Blackley Manchester
TITLE	Combined Water Part 1 S106 Application Proposal

P01	BW	First Issue	01/05/2024
Rev	By	Description	Date
Revision Schedule			
Client	Irwell Valley Homes		
Status	S2	Purpose of Issue	Preliminary
Designed By	BW	Approved By	GP
Drawn By	BW		
Project No.	2109	Sheet No.	C-0008
Scale (@ A2)	1:100	DATE	01/05/2024
Rev	P01		