

SURFACE WATER DRAINAGE

CONSIDERATION HAS BEEN GIVEN TO THE HIERARCHY OF DRAINAGE OPTIONS FOR THE SITE AS FOLLOWS:

- DISCHARGE INTO GROUND - UNDERLYING BEDROCK WOULD DEEM THAT INFILTRATION BASED OPTIONS WOULD NOT BE SUITABLE.
- DISCHARGE TO SURFACE WATER BODY - NO WATERCOURSE IN CLOSE PROXIMITY.
- DISCHARGE TO SURFACE WATER SEWER, HIGHWAY DRAIN OR OTHER DRAINAGE SYSTEM - NEW CONNECTION TO SURFACE WATER SEWER WITHIN HOYLE ING HIGHWAY.
- DISCHARGE TO COMBINED WATER SEWER - HIGHER OPTIONS AVAILABLE.

THE PROPOSAL IS TO DISCHARGE SURFACE WATER FROM THE DEVELOPMENT SITE TO THE SURFACE WATER PUBLIC SEWER VIA GRAVITY AT A RESTRICTED RATE AT 3.5L/S.

SUDS TO ENCOMPASS:

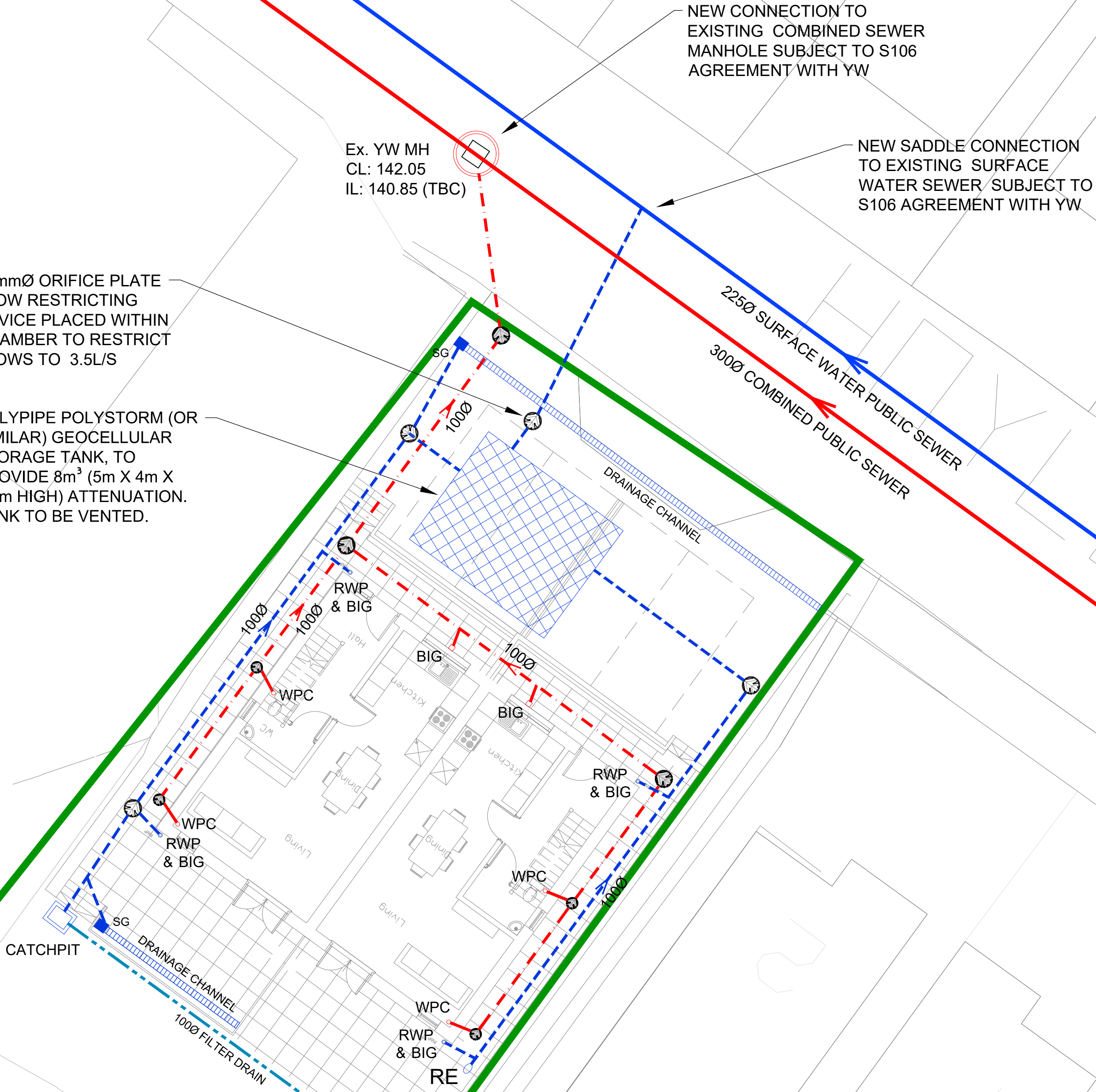
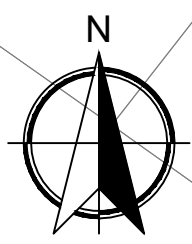
- WATER BUTTS
- FLOW CONTROLS
- GEOCELLULAR ATTENUATION CRATES.

FOUL WATER DRAINAGE

FOUL WATER GENERATED BY THE SITE WILL DISCHARGE VIA A NEW FOUL DRAINAGE NETWORK THAT WILL OUTFALL TO THE EXISTING COMBINED SEWER MANHOLE IN HOYLE ING HIGHWAY

52mmØ ORIFICE PLATE FLOW RESTRICTING DEVICE PLACED WITHIN CHAMBER TO RESTRICT FLOWS TO 3.5L/S

POLYPIPE POLYSTORM (OR SIMILAR) GEOCELLULAR STORAGE TANK, TO PROVIDE 8m³ (5m X 4m X 0.4m HIGH) ATTENUATION. TANK TO BE VENTED.



- GENERAL NOTES**
- DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, ENGINEERS, ARCHITECTS & SERVICES DRAWINGS, INCLUDING APPROVED BUILDERS WORK DRAWINGS. CONTRACTOR TO NOTIFY ENGINEER OF DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND SPECIFICATIONS OR OTHER DRAWINGS.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - DO NOT SCALE FROM THIS DRAWN. WORK TO DIMENSIONS OR COORDINATES PROVIDED. ALL LEVELS ARE IN MILLIMETRES, UNLESS OTHERWISE NOTED. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
 - THIS DRAWING IS FOR STRATEGY PURPOSES ONLY AND SUBJECT TO CHANGE AT DETAILED DESIGN STAGE.

KEY

- EXISTING COMBINED WATER PUBLIC SEWER
- EXISTING SURFACE WATER SEWER
- PROPOSED FOUL WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE
- SITE BOUNDARY

P1	18.11.22	PG	PG	PRELIMINARY ISSUE
REV	DATE	DRAWN	REV'D	NOTES
CLIENT REDWATERS YORKSHIRE LTD				
PROJECT LAND ADJOINING 2 HOYLE ING LINTHWAITE, HUDDERSFIELD				
DRAWING TITLE DRAINAGE STRATEGY PLAN				
DRAWING STATUS PRELIMINARY				
SCALE	1:100	DRAWN BY PG	ENGINEER PG	SHEET A1
DRAWING No PGC563-C-100				REVISION P1
PG Consulting Civil & Infrastructure Engineers		108 Ack Lane West, Cheshire Hulme, Cheshire, SK9 7ES Tel: 07710 758971 Email: pau@pgcl.co.uk		