

SURFACE WATER DRAINAGE STRATEGY

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

- DISCHARGE INTO GROUND - EXISTING COHESIVE GROUND WOULD NEGATE INFILTRATION AS A VIABLE OPTION
- DISCHARGE TO SURFACE WATER BODY - TWO NEW CONNECTIONS TO WATERCOURSES PASSING THROUGH THE SITE AT RESTRICTED RATES.
- DISCHARGE TO SURFACE WATER SEWER, HIGHWAY DRAIN OR OTHER DRAINAGE SYSTEM - NO SURFACE WATER SEWER IN CLOSE PROXIMITY. HIGHER OPTIONS AVAILABLE.
- DISCHARGE TO COMBINED WATER SEWER - HIGHER OPTIONS AVAILABLE.

SUDS TO ENCOMPASS:

- WATER BUTTS
- RAINWATER PLANTERS
- SOFT LANDSCAPING AREAS
- PERMEABLE SURFACING
- ATTENUATION POND
- GEOCELLULAR TANKS
- FLOW CONTROLS

SUMMARY

IMPERMEABLE AREA: 2,340m² (TOTAL INC 10% URBAN CREEP)
OUTFALL LOCATION: WATERCOURSE
PEAK DISCHARGE RATE: 6 L/S TOTAL (3L/S x2)
ATTENUATION VOLUME: APPROX 105m³ (100YR+ 45% CC)

FOUL WATER DRAINAGE

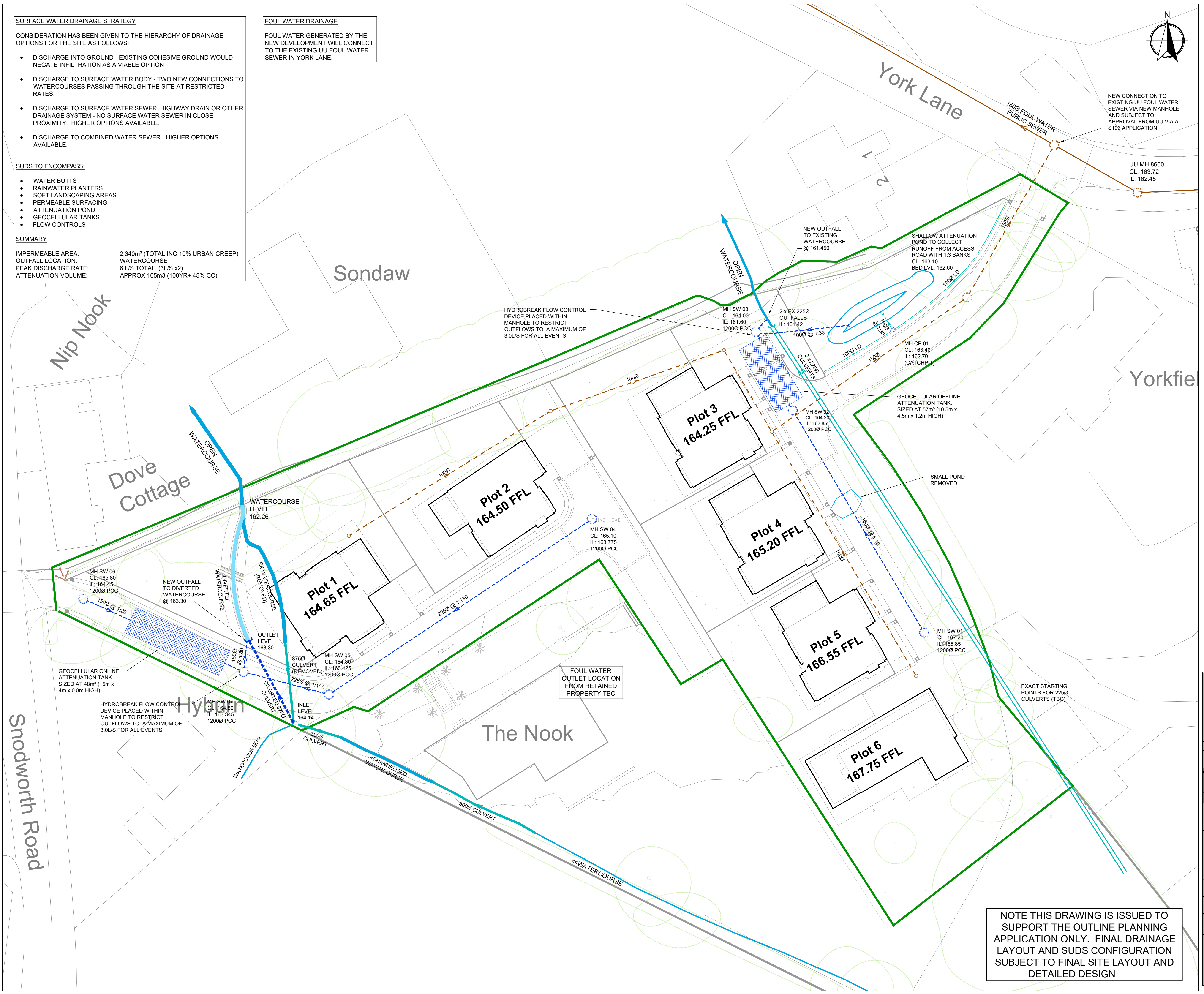
FOUL WATER GENERATED BY THE NEW DEVELOPMENT WILL CONNECT TO THE EXISTING UU FOUL WATER SEWER IN YORK LANE.

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.

KEY

- EXISTING FOUL WATER PUBLIC SEWER
- EXISTING CULVERT
- EXISTING WATERCOURSE
- PROPOSED FOUL WATER DRAINAGE
- PROPOSED SURFACE WATER DRAINAGE
- DIVERTED WATERCOURSE
- SITE BOUNDARY



NOTE THIS DRAWING IS ISSUED TO SUPPORT THE OUTLINE PLANNING APPLICATION ONLY. FINAL DRAINAGE LAYOUT AND SUDS CONFIGURATION SUBJECT TO FINAL SITE LAYOUT AND DETAILED DESIGN

P1	06.05.26	PG	PG	PRELIMINARY ISSUE	
REV	DATE	DRAWN	REV'D	ENG	NOTES
CLIENT					
REDWATERS (LANGHO) LTD					
PROJECT					
THE NOOK, LANGHO					
DRAWING TITLE					
DRAINAGE STRATEGY PLAN					
DRAWING STATUS					
PRELIMINARY					
SCALE	1:250	DRAWN BY	PG	ENGINEER	SHEET
				PG	A1
DRAWING No: PGC1342-DR-C-001					REVISION
					P1

PG Consulting
Civil & Infrastructure Engineers

106 Ack Lane West,
Cheadle Hulme,
Cheshire,
SK8 7ES
Tel: 07710 758971
Email: paul@pgcd.co.uk