PROPOSED DRAINAGE KEY

- Proposed private foul water drainage - 100Ø uPVC
- Proposed private surface water drainage - 100Ø UPVC
- Proposed threshold drain to Architect's specification
- Proposed geocellular attenuation tanks
- Proposed 100Ø channel drain to parking/driveway areas with proprietary sump unit at outlet
- 320Ø polypropylene inspection chamber or 460Ø as indicated
- 460Ø polypropylene inspection chamber > 1.2m deep with restricted access
- Proposed 150Ø perforated land drainage to retaining walls

EXISTING DRAINAGE KEY

- Existing public foul water sewer
- Existing private surface water sewer
- Existing culverted watercourse

N

Sand Dray

Rose Cottage

Meadow R

PLOT 1 28.900
PLOT 2 29.125
PLOT 3 29.350
PLOT 4 27.575
PLOT 5 27.575
PLOT 6 27.575
PLOT 7 27.350
PLOT 8 27.350
PLOT 9 26.935
PLOT 10 26.935
PLOT 11 26.935
PLOT 12 26.935
PLOT 13 25.450
PLOT 14 25.450

EX. SWMH CL 19.22 IL 14.158
EX. SWMH CL 18.94 IL 16.571
EX. FWMH CL 19.120 IL 14.720
EX. FWMH CL 19.140 IL 17.892
EX. SWMH CL 19.14 IL 17.07
EXISTING CULVERT SIZE & CONDITION TBC
Assumed route of culvert to Low Rood
Assumed position of backdrop manhole. Located 25.86m downstream of SW15
Existing manhole – to be investigated as part of Phase 2 development
Existing SW manhole (live)
Assumed route of existing field drain from Cemetor To be fully investigated in accordance with requirem of Copeland Borough Council Drainage Engineer

Rev	Description	Date	Revised by	Checked by	Approved
G	Attenuation tank no.2 reconfigured as requested by TA	24/02/23	TM	TM	TM
F	Attenuation tank no.2 reconfigured as requested by TA	02/02/23	TM	TM	TM
E	SW run past Plot 4 raised. Attenuation tank no.2 moved as requested by TA	30/11/22	TM	TM	TM
D	Tank in car park moved to avoid services. Land drains added to RWs	18/10/22	TM	TM	TM
C	Foul run plots 9-14 amended to suit ground beam level.	01/08/22	SR	TM	TM
B	Construction Issue	17/05/22	TM	TM	TM
A	Updated following design review with TA and Home Group	25/01/22	TM	TM	TM

Issue Purpose: **Construction**

Do not scale from this drawing

R G PARKINS
Kendal | 01539 729393 Lancaster | 01524 32548

Scale @ A1: 1:200	First Issue: 10/12/21	Office of Origin: Kendal	
Drawn by: SR	Checked by: TM	Approved: TM	
Client: THOMAS ARMSTRONG	Project No: K38379	Drawing No: 20	Rev: G
Project: JEFFERSON PARK - PHASE 2			
Drawing Title: Proposed Foul and Surface Water Drainage Plan	BIM No:		