NOTES:

GENERAL NOTES

1. ANY HIGHWAY WORKS TO BE ADOPTED ARE TO BE UNDERTAKEN IN ACCORDANCE WITH CUMBERLAND COUNCIL HIGHWAY DESIGN GUIDE.
2. DRAINAGE UNDER TRAFFICKED AREAS TO BE BACKFILLED WITH TYPE 1 GRANULAR SUB BASE TO S.H.W. CL803.
3. INSITU AND PRECAST CONCRETE TO BE TO GEN3 (C20). USE SLUMP CLASS S1 TO PROVIDE IMMEDIATE SUPPORT AND S3 IN OTHER SITUATIONS. CONCRETE IN CONTACT WITH THE GROUND TO WITHSTAND EXPOSURE CONDITIONS NOTED IN THE GROUND INVESTIGATION REPORT.
4. GULLY COVERS AND ANY OTHER CARRIAGEWAY AND FOOTWAY OR CYCLEWAY IRONWORK SHALL NOT BE INSTALLED UNTIL THE CARRIAGEWAY BINDER COURSE LAYER IS LAID. DURING THE CONSTRUCTION PROCESS PROTECTION SHALL BE GIVEN TO ALL GULLIES AND CHAMBERS FROM THE INGRESS OF DEBRIS.
5. THE SURFACE OF BASE AND BINDER COURSE SHALL BE SWEPT CLEAN AND BE FREE FROM ANY STANDING WATER, DEBRIS AND ICE PRIOR TO THE APPLICATION OF A TACK COAT IN READINESS FOR SURFACING THAT SAME DAY.
6. ALL VERTICAL FACES OF KERBS, SURFACING MATS, MANHOLES, GULLIES, ETC. AGAINST WHICH ASPHALTS ARE TO BE LAID SHALL BE CLEANED AND PAINTED COMPLETELY WITH A UNIFORM COATING OF 50 OR 70 (OR EQUIVALENT) PEN GRADE HOT BITUMEN PRIOR TO LAYING.
7. A BITUMINOUS SPRAY TACK COAT SHALL BE APPLIED TO ALL ASPHALT COURSES ON WHICH LAYING IS TO TAKE PLACE, IE. BOTH WITHIN COURSES (WHERE THE COURSE IS LAID IN MORE THAN ONE LAYER) AND BETWEEN COURSES, ON EXISTING SURFACES TO BE OVERLAID AND ANY CONCRETE SURFACES. A TACK COAT MUST ALSO BE APPLIED TO ALL SCARIFIED AND PLANED SURFACES AND ANY TRAFFICKED BINDER COURSES PRIOR TO SURFACING. ONLY SUFFICIENT TACK COAT SHALL BE PUT DOWN FOR THE SAME DAY'S SURFACING WORKS AND, ONCE APPLIED, THE TACK COAT SHALL NOT BE TRAVERSED BY VEHICLES OR PLANT EXCEPT THAT ENGAGED IN THE SURFACING. THE TACK COAT SHALL BE K1-40 BITUMEN EMULSION TO BS 434: PART1 APPLIED AT A RATE OF 0.4 TO 0.6 LITRES PER SQUARE METRE EXCEPT BELOW THIN SURFACING SYSTEMS WHERE THE BOND COAT SPECIFIED ON THE CORRESPONDING HAPAS CERTIFICATE SHALL BE USED BETWEEN THE THIN SURFACING AND BINDER COURSE.
8. THE FOLLOWING MATERIAL SHALL NOT BE LAID ON SHALE:- LIMESTONE, CRUSHED CONCRETE, RECYCLED AGGREGATE OR ASPHALT ARISINGS.
9. THE SUB-FORMATION SHALL BE TREATED WITH AN APPROVED WEEDKILLER (EG. DICHLOBENILL) PRIOR TO THE LAYING OF UNBOUND MATERIALS.
10. PRODUCTS MADE FROM CRUSHED CONCRETE AND RECYCLED AGGREGATES SHALL BE PROCESSED IN ACCORDANCE WITH "QUALITY CONTROL - PRODUCTION OF RECYCLED AGGREGATES" PUBLISHED BY CONSTRUCTION RESEARCH COMMUNICATIONS. ADEQUATE TESTING REGIMES SHALL BE IN PLACE TO MONITOR THE QUALITY OF THE MATERIAL BEING PRODUCED. PROOF OF COMPLIANCE WITH THESE REQUIREMENTS SHALL BE BY CERTIFICATION FROM A RECOGNISED THIRD PARTY ASSESSOR.
11. THE STREET LIGHTING SCHEME ALONG WITH THE ENTIRE ESTATE ROAD NETWORK WILL REMAIN PRIVATE AND WILL BE MAINTAINED BY THE MANAGEMENT COMPANY.
12. FOUL PUMPING STATIONS SHALL BE TT PUMPS XL PLANET RANGE OR EQUIVALENT APPROVED. STORAGE REQUIRED IS BASED ON BUIDLING REGULATIONS REQUIREMENT OF 150L/HEAD/DAY AND ALL DETAILS ARE SUBJECT TO DESIGN BY PUMP SUPPLIER.

NOTE

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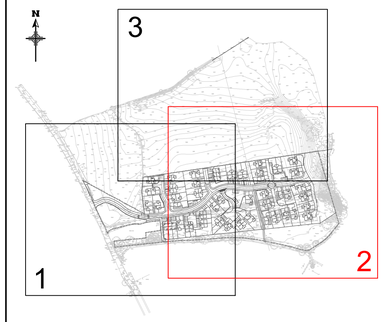

SHEET LAYOUT

KEY

- EXISTING UNITED UTILITIES COMBINED SEWER
- EXISTING SURFACE WATER DRAIN
- PROPOSED SURFACE WATER SEWER
- PROPOSED TRAPPED ROAD GULLY
- PROPOSED FOUL SEWER
- PROPOSED FOUL SEWER RISING MAIN
- FFL 72.900 — PROPOSED FINISHED FLOOR LEVEL
- PROPOSED ROAD CONTOURS
- EXTERNAL LEVEL
- RT1000 — RETAINING WALL WITH HEIGHT IN mm
- GBFC300 — GRAVEL BOARD/FLAG ON EDGE WITH HEIGHT IN mm
- 2C — EXPOSED BRICKWORK WITH NO. OF COURSES
- 2C — PLOT DOUBLE DPC
- SITE BOUNDARY

REV	AMENDMENT	BY	CKD	DATE
C1	PROPOSED SITE LAYOUT UPDATED IN ACCORDANCE WITH ARCHITECTS PROPOSED SITE PLAN 22/07/1026-04 REV C. ENGINEERING LAYOUT AMENDED TO SUIT : S25 - S26 UPSIZED TO 45/00 FOLLOWING LHA COMMENTS RECEIVED 19/12/24. CONSTRUCTION ISSUE.	JH	JM	10/01/25
P1	FIRST ISSUE	JM	MH	26/06/24

CLIENT

NIGEL KAY HOMES LTD.

PROJECT

DALZELL STREET
MOOR ROW

DRAWING TITLE

ENGINEERING LAYOUT
SHEET 2

Beckwith & Hanlon Consulting Engineers Limited
F22 Willow Court, Marquis Court,
Team Valley Trading Estate,
Gateshead, NE11 0RU
tel: 0191 273 7582

SCALE	BY	CHECKED	DATE
1:500	JH	JM	JUNE '24

DRAWING NO.
24-011-201

STATUS	REV	C1
CONSTRUCTION	SIZE	A1