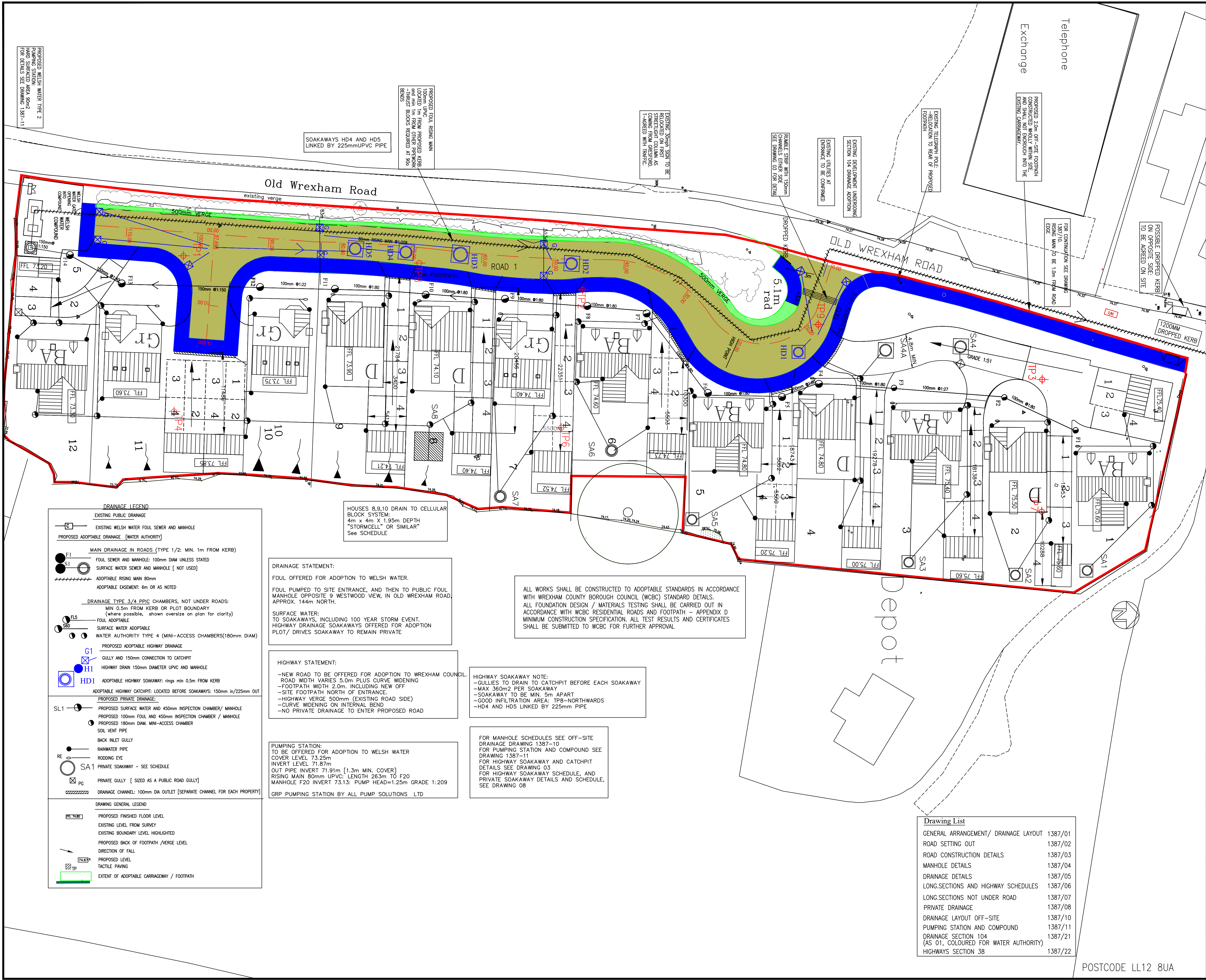




NOTES

Planning Layout information taken from ARCHITECTS Drawing Number PL1 JULY 2017 - Revision N BY CARTWRIGHT ARCHITECTURAL and PLANNING SERVICES

Survey information taken from PM SURVEYS Drawing Number PMS 17048-02, dated 18 APRIL 2017, to O.S. Datum

G	FOORPATH HATCHING CORRECTED	24:07:19	AK	AK
F	DRIVE LENGTHS REVISED	16:07:19	AK	AK

PENDING HIGHWAYS APPROVAL

PRELIMINARY

E	DRIVE LENGTH ADDED	10:07:19	AK	AK
D	SOAKAWAYS HD4, HD5 REVISED	18:06:19	AK	AK
C	FOOTPATH TO 2m, SOAKAWAYS REVISED	11:06:19	AK	AK
B	FOOTPATH TO 2m, SOAKAWAYS REVISED	14:02:19	AK	AK
A	NOTE ADDED, CATCHPITS, SOAKAWAYS	20:11:18	AK	AK
Rev	Description	Date	Drwn	Chkd

KANE DESIGN

Civil Engineering Design

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Gresford
Wrexham
LL12 8HH

Tel: 01 978 855888

Client

M & M DEVELOPMENTS LTD

Project

PROPOSED DEVELOPMENT at FORMER CARAVAN SITE, OLD WREXHAM ROAD, GRESFORD, WREXHAM

Title

ROADS: SECTION 38

DRAWING NUMBER	SCALE	1:250	@ A1
1387/22	DATE	01:10:18	REVISION
	DRAWN	AK	G
	CHECKED	A.K	

Drawing List	
GENERAL ARRANGEMENT/ DRAINAGE LAYOUT	1387/01
ROAD SETTING OUT	1387/02
ROAD CONSTRUCTION DETAILS	1387/03
MANHOLE DETAILS	1387/04
DRAINAGE DETAILS	1387/05
LONG SECTIONS AND HIGHWAY SCHEDULES	1387/06
LONG SECTIONS NOT UNDER ROAD	1387/07
PRIVATE DRAINAGE	1387/08
DRAINAGE LAYOUT OFF-SITE	1387/10
PUMPING STATION AND COMPOUND	1387/11
DRAINAGE SECTION 104 (AS 01, COLOURED FOR WATER AUTHORITY)	1387/21
HIGHWAYS SECTION 38	1387/22

EXISTING PUBLIC DRAINAGE

EXISTING WELSH WATER FOUL SEWER AND MANHOLE

PROPOSED ADAPTABLE DRAINAGE [WATER AUTHORITY]

MAIN DRAINAGE IN ROADS (TYPE 1/2: MIN. 1m FROM KERB)

FOUL SEWER AND MANHOLE: 100mm DIAM UNLESS STATED

SURFACE WATER SEWER AND MANHOLE [NOT USED]

ADAPTABLE RISING MAIN 80mm

ADAPTABLE EASEMENT: 6m OR AS NOTED

DRAINAGE TYPE 3/4 PPIC CHAMBERS, NOT UNDER ROADS:

MIN 0.5m FROM KERB OR PLOT BOUNDARY (where possible, shown oversize on plan for clarity)

FOUL ADAPTABLE

SURFACE WATER ADAPTABLE

WATER AUTHORITY TYPE 4 (MINI-ACCESS CHAMBERS(180mm DIAM))

PROPOSED ADAPTABLE HIGHWAY DRAINAGE

GULLY AND 150mm CONNECTION TO CATCHPIT

HIGHWAY DRAIN 150mm DIAMETER UPVC AND MANHOLE

ADAPTABLE HIGHWAY CATCHPIT: LOCATED BEFORE SOAKAWAYS: 150mm in/225mm OUT

PROPOSED PRIVATE DRAINAGE:

PROPOSED SURFACE WATER AND 450mm INSPECTION CHAMBER/ MANHOLE

PROPOSED 100mm FOUL AND 450mm INSPECTION CHAMBER / MANHOLE

PROPOSED 180mm DIAM. MINI-ACCESS CHAMBER

SOIL VENT PIPE

BACK INLET GULLY

RAINWATER PIPE

RODDING EYE

PRIVATE SOAKAWAY - SEE SCHEDULE

PRIVATE GULLY [SIZED AS A PUBLIC ROAD GULLY]

DRAINAGE CHANNEL: 100mm DIA OUTLET [SEPARATE CHANNEL FOR EACH PROPERTY]

DRAINAGE GENERAL LEGEND

PROPOSED FINISHED FLOOR LEVEL

EXISTING LEVEL FROM SURVEY

EXISTING BOUNDARY LEVEL HIGHLIGHTED

PROPOSED BACK OF FOOTPATH / VERGE LEVEL

DIRECTION OF FALL

PROPOSED LEVEL

TACTILE PAVING

EXTENT OF ADAPTABLE CARRIAGEWAY / FOOTPATH

DRAINAGE STATEMENT:

FOUL OFFERED FOR ADOPTION TO WELSH WATER.

FOUL PUMPED TO SITE ENTRANCE, AND THEN TO PUBLIC FOUL MANHOLE OPPOSITE 9 WESTWOOD VIEW, IN OLD WREXHAM ROAD, APPROX. 144m NORTH.

SURFACE WATER:

TO SOAKAWAYS, INCLUDING 100 YEAR STORM EVENT.

HIGHWAY DRAINAGE SOAKAWAYS OFFERED FOR ADOPTION PLOT/ DRIVES SOAKAWAY TO REMAIN PRIVATE

HIGHWAY STATEMENT:

-NEW ROAD TO BE OFFERED FOR ADOPTION TO WREXHAM COUNCIL.

ROAD WIDTH VARIES 5.0m PLUS CURVE WIDENING

-FOOTPATH WIDTH 2.0m. INCLUDING NEW OFF

-SITE FOOTPATH NORTH OF ENTRANCE.

-HIGHWAY VERGE 500mm (EXISTING ROAD SIDE)

-CURVE WIDENING ON INTERNAL BEND

-NO PRIVATE DRAINAGE TO ENTER PROPOSED ROAD

PUMPING STATION:

TO BE OFFERED FOR ADOPTION TO WELSH WATER

COVER LEVEL 73.25m

INVERT LEVEL 71.87m

OUT PIPE INVERT 71.91m [1.3m MIN. COVER]

RISE MAIN 80mm UPVC: LENGTH 26.3m TO F20

MANHOLE F20 INVERT 73.13: PUMP HEAD=1.25m GRADE 1:209

GRP PUMPING STATION BY ALL PUMP SOLUTIONS LTD

HIGHWAY SOAKAWAY NOTE:

-GULLIES TO DRAIN TO CATCHPIT BEFORE EACH SOAKAWAY

-MAX 360m2 PER SOAKAWAY

-SOAKAWAY TO BE MIN. 5m APART

-GOOD INFILTRATION AREA: TP8-NORTHWARDS

-HD4 AND HD5 LINKED BY 225mm PIPE

FOR MANHOLE SCHEDULES SEE OFF-SITE DRAINAGE DRAWING 1387-10

FOR PUMPING STATION AND COMPOUND SEE DRAWING 1387-11

FOR HIGHWAY SOAKAWAY AND CATCHPIT DETAILS SEE DRAWING 03

FOR HIGHWAY SOAKAWAY SCHEDULE, AND PRIVATE SOAKAWAY DETAILS AND SCHEDULE, SEE DRAWING 08

ALL WORKS SHALL BE CONSTRUCTED TO ADAPTABLE STANDARDS IN ACCORDANCE WITH WREXHAM COUNTY BOROUGH COUNCIL (WCBC) STANDARD DETAILS.

ALL FOUNDATION DESIGN / MATERIALS TESTING SHALL BE CARRIED OUT IN ACCORDANCE WITH WCBC RESIDENTIAL ROADS AND FOOTPATH - APPENDIX D MINIMUM CONSTRUCTION SPECIFICATION. ALL TEST RESULTS AND CERTIFICATES SHALL BE SUBMITTED TO WCBC FOR FURTHER APPROVAL

POSTCODE LL12 8UA