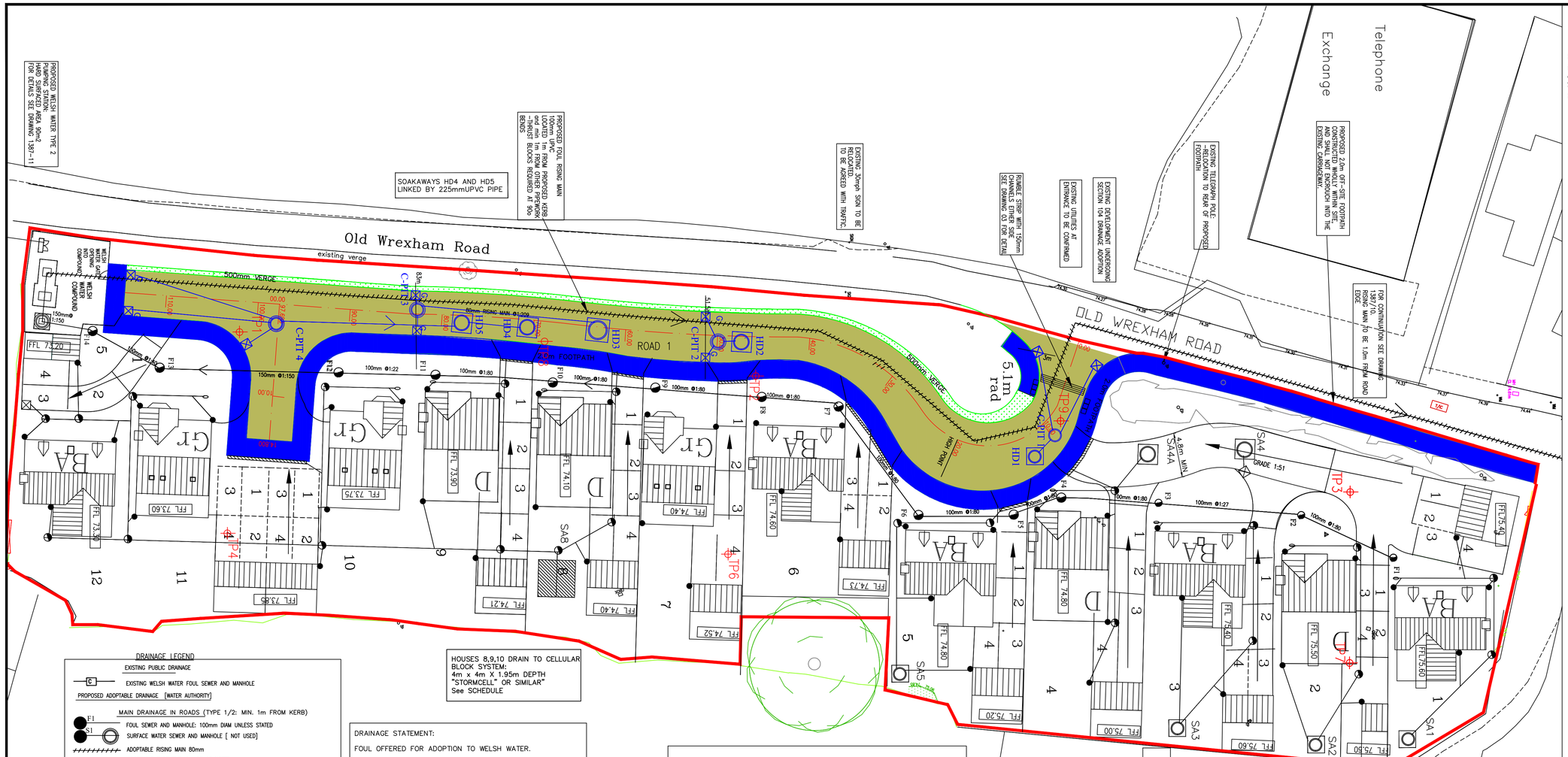


NOTES

Planning Layout information taken from ARCHITECTS Drawing Number PL1 JULY 2017 – Revision K 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

DRAINAGE LEGEND

EXISTING PUBLIC DRAINAGE
- EXISTING WELSH WATER FOUL SEWER AND MANHOLE

PROPOSED ADOPTABLE 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]
- ADOPTABLE RISING MAIN 80mm
- ADOPTABLE 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 ADOPTABLE
- SURFACE WATER ADOPTABLE
- WATER AUTHORITY TYPE 4 (MINI-ACCESS CHAMBERS(180mm DIAM)

PROPOSED ADOPTABLE HIGHWAY DRAINAGE
- GULLY AND 150mm CONNECTION TO CATCHPIT
- HIGHWAY DRAIN 150mm DIAMETER UPVC AND MANHOLE
- ADOPTABLE HIGHWAY SOAKAWAY: rings min 0.5m FROM KERB
- ADOPTABLE 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]

DRAWING 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 ADOPTABLE 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]
RISING MAIN 80mm UPVC: LENGTH 263m 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 ADOPTABLE 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

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

POSTCODE LL12 8UA

PENDING HIGHWAYS APPROVAL

PRELIMINARY

Rev	Description	Date	Drwn	Chkd
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

KANE DESIGN
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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 D
	DRAWN	AK	
	CHECKED	A.K	