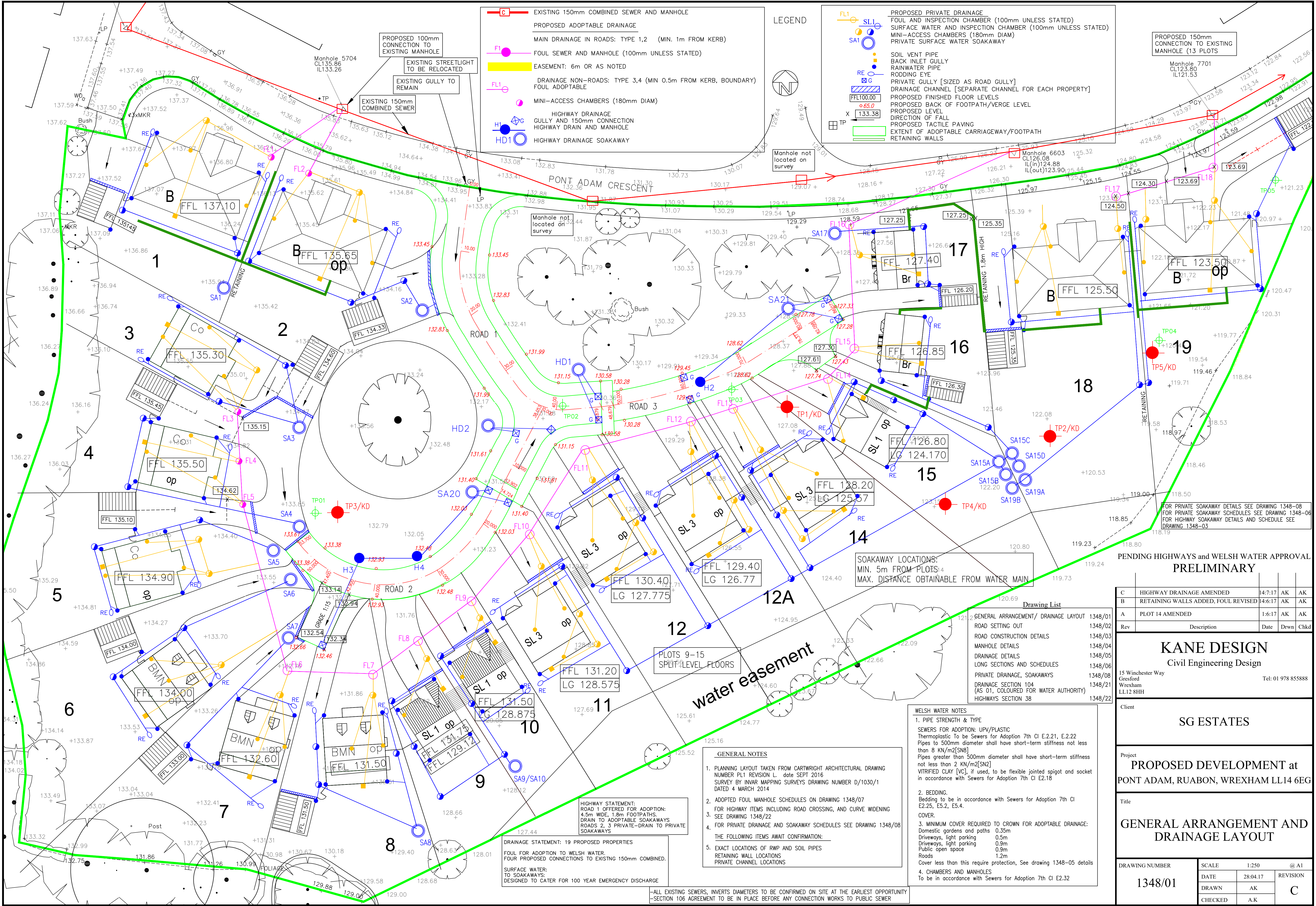




LEGEND

- EXISTING 150mm COMBINED SEWER AND MANHOLE
- PROPOSED ADOPTABLE DRAINAGE
 - MAIN DRAINAGE IN ROADS: TYPE 1,2 (MIN. 1m FROM KERB)
 - FOUL SEWER AND MANHOLE (100mm UNLESS STATED)
 - EASEMENT: 6m OR AS NOTED
 - DRAINAGE NON-ROADS: TYPE 3,4 (MIN 0.5m FROM KERB, BOUNDARY)
 - FOUL ADOPTABLE
 - MINI-ACCESS CHAMBERS (180mm DIAM)
 - HIGHWAY DRAINAGE GULLY AND 150mm CONNECTION HIGHWAY DRAIN AND MANHOLE
 - HIGHWAY DRAINAGE SOAKAWAY

PROPOSED PRIVATE DRAINAGE

- FOUL AND INSPECTION CHAMBER (100mm UNLESS STATED)
- SURFACE WATER AND INSPECTION CHAMBER (100mm UNLESS STATED)
- MINI-ACCESS CHAMBERS (180mm DIAM)
- PRIVATE SURFACE WATER SOAKAWAY
- SOIL VENT PIPE
- BACK INLET GULLY
- RAINWATER PIPE
- RODDING EYE
- PRIVATE GULLY [SIZED AS ROAD GULLY]
- DRAINAGE CHANNEL [SEPARATE CHANNEL FOR EACH PROPERTY]
- PROPOSED FINISHED FLOOR LEVELS
- PROPOSED BACK OF FOOTPATH/VERGE LEVEL
- PROPOSED LEVEL
- DIRECTION OF FALL
- PROPOSED TACTILE PAVING
- EXTENT OF ADOPTABLE CARRIAGEWAY/FOOTPATH
- RETAINING WALLS

PROPOSED 150mm CONNECTION TO EXISTING MANHOLE (13 PLOTS)

SOAKAWAY LOCATIONS:
MIN. 5m FROM PLOTS
MAX. DISTANCE OBTAINABLE FROM WATER MAIN

PENDING HIGHWAYS and WELSH WATER APPROVAL
PRELIMINARY

Drawing List

Rev	Description	Date	Drwn	Chkd
C	HIGHWAY DRAINAGE AMENDED	14:7:17	AK	AK
B	RETAINING WALLS ADDED, FOUL REVISED	14:6:17	AK	AK
A	PLOT 14 AMENDED	1:6:17	AK	AK

water easement

- GENERAL NOTES**
- PLANNING LAYOUT TAKEN FROM CARTWRIGHT ARCHITECTURAL DRAWING NUMBER PL1 REVISION L, date SEPT 2016
SURVEY BY INVAR MAPPING SURVEYS DRAWING NUMBER D/1030/1 DATED 4 MARCH 2014
 - ADOPTED FOUL MANHOLE SCHEDULES ON DRAWING 1348/07
FOR HIGHWAY ITEMS INCLUDING ROAD CROSSING, AND CURVE WIDENING SEE DRAWING 1348/22
 - FOR PRIVATE DRAINAGE AND SOAKAWAY SCHEDULES SEE DRAWING 1348/08
 - THE FOLLOWING ITEMS AWAIT CONFIRMATION:
 - EXACT LOCATIONS OF RWP AND SOIL PIPES
 - RETAINING WALL LOCATIONS
 - PRIVATE CHANNEL LOCATIONS

WELSH WATER NOTES

1. PIPE STRENGTH & TYPE
SEWERS FOR ADOPTION: UPV/PLASTIC
Thermoplastic To be Sewers for Adoption 7th Cl E.2.21, E.2.22
Pipes to 500mm diameter shall have short-term stiffness not less than 8 kN/m²[SN8]
Pipes greater than 500mm diameter shall have short-term stiffness not less than 2 kN/m²[SN2]
VITRIFIED CLAY [VC], if used, to be flexible jointed spigot and socket in accordance with Sewers for Adoption 7th Cl E.2.18

2. BEDDING:
Bedding to be in accordance with Sewers for Adoption 7th Cl E.2.25, E.5.2, E.5.4.

COVER:

3. MINIMUM COVER REQUIRED TO CROWN FOR ADOPTABLE DRAINAGE:
Domestic gardens and paths 0.35m
Driveways, light parking 0.5m
Driveways, light parking 0.9m
Public open space 0.9m
Roads 1.2m
Cover less than this require protection. See drawing 1348-05 details

4. CHAMBERS AND MANHOLES
To be in accordance with Sewers for Adoption 7th Cl E.2.32

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Client: **SG ESTATES**

Project: **PROPOSED DEVELOPMENT at PONT ADAM, RUABON, WREXHAM LL14 6EG**

Title: **GENERAL ARRANGEMENT AND DRAINAGE LAYOUT**

DRAWING NUMBER	1348/01	SCALE	1:250	@ A1
DATE	28.04.17	REVISION		
DRAWN	AK			
CHECKED	A.K			