

DRAINAGE

- The dwellings are constructed on a site of previous dwelling use. The potential pathway for any contaminants will be broken by the use of ventilated void below the ground floor construction. In the unlikely event of any contaminated material arising during groundworks, this will be disposed of via a licensed waste carrier and all dockets retained for inspection by the Environmental Health Officer.
- Generally DPC's to be 150mm minimum above ground level. Proprietary level entry threshold drainage to be provided across the full width of level door openings.
- DPM to be a minimum of 1200 gauge taped and sealed.
- Separate Systems of Drainage: Foul and surface water drainage are designed as separate systems within the building and the site, each terminating in individual inspection chambers. The system is then connected to the system installed as part of the existing surrounding residential development. Please refer to the site layout

RAIN WATER GOODS.

- 115 mm half round gutter to match existing with 63 mm diameter rwp located as on drawings.

PLUMBING INSTALLATION.

- Complete installation to be subject to and capable of withstanding testing in accordance with BS 5572 :1978. Above ground foul drainage pipe work shall be PVC-u to BS 4514.
- Pipe work must be designed in accordance with BS 5572 and installed to ensure that appliances drain efficiently without causing crossflow, backfall, leakage or blockage. No air from the drainage system shall enter the building. Provide adequate support to lengths of pipework and at junctions and changes in direction. No branch connection to be within 450 mm above foot of soil pipe. All PVC-u pipe work to be to BS 4514. Minimum pipe sizes for sanitary plumbing to be :
 - WC's, soil pipes 100 mm dia nom. size
 - Common waste pipe wastes 50 mm dia nom. size
 - Bath, sink 40 mm dia nom. size
 - Handbasin 32 mm dia nom. size
 - Overflow 19 mm dia. nom. size
 - Shower 32 mm dia. nom. size
- All fittings are to have 75mm deep seal traps. Provide waste for washing machine and dishwashers where applicable. All waste pipes shall be laid to falls (25mm per metre run). All plumbing shall be installed in accordance with manufacturer's instructions.
- The maximum lengths of waste pipes shall be as follows: -
 - 32mm pipe = 1.7m maximum length
 - 40mm pipe = 3.0m maximum length
 - 50mm pipe = 4.0m maximum length
 - 100mm pipe = 6.0m maximum length
- Soil and ventilating stacks at 'head' of drain run to be ventilated to the external air via rigid ducting within roof space to terminate via tile or ridge tile ventilator (minimum 900 mm above any window head within 3 metres horizontally). The dry part of the stack may reduce from 100mm to 75mm diameter above the highest branch. Discharge/soil stacks may terminate inside a building when fitted with air admittance valves provided they are accessible and within the insulated envelope of the building. Where air admittance valves are provided, installation to be in accordance with the relevant BBA certificate.
- Please see soakaway calculations for the size and location of the soakaway manholes to be built according to building regulations see manhole details for more

NOTES:

- Do not scale from this drawing.
- All dimensions to be verified on site and is in mm.
- Builder to verify all dimensions, heights and levels prior to commencement of work.
- All documents shall be checked to ensure that they are compatible by the contractor before construction commences. In the event of apparent ambiguity or contradiction the engineer and/ or architect shall be notified immediately.
- The contractor in preparing his estimate shall visit the site and acquaint himself with the problems involved .
- The contractor shall issue all statutory notices to the local Authority during progress and completion of works.
- All drawings are copyrighted to the technician. Reproducing is not permitted without consent

SURFACE WATER RUN

RAIN WATER PIPE

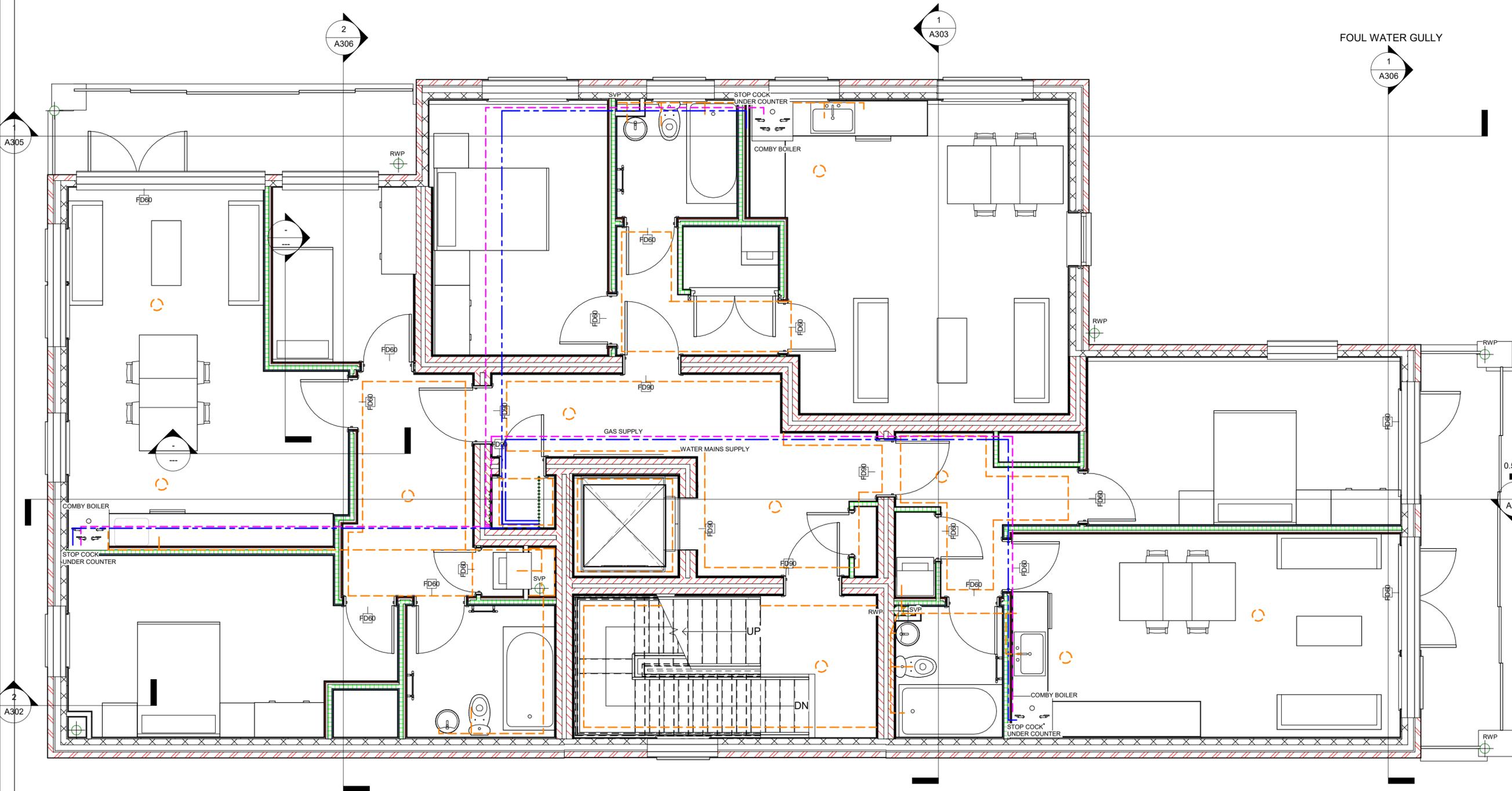
RAIN WATER MANHOLE

WASTE WATER RUN

SOIL VENT PIPE

FOUL WATER MANHOLE

FOUL WATER GULLY



1st FLOOR DRAINAGE

1 : 50

No.	Description	Date

PURPOSE OF ISSUE	
PROJECT	104 HYTHE STREET
CLIENT	J CHEEMA

Scale (@ A2)	Date	Drawn by
1 : 50	23-04-21	Author

SHEET	
1st FLOOR DRAINAGE-WATER-GAS	
DRAWING NUMBER	A111

MAC DESIGNERS LTD

GROUND FLOOR
228 KING STREET
GRAVESEND,
KENT,
DA12 2DU

M.073-7501-9174

WWW.MACDESIGNERS.COM
INFO@MACDESIGNERS.COM
COMPANY REG. NO. 11811890
VAT REG. NO. 399 2764 15

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