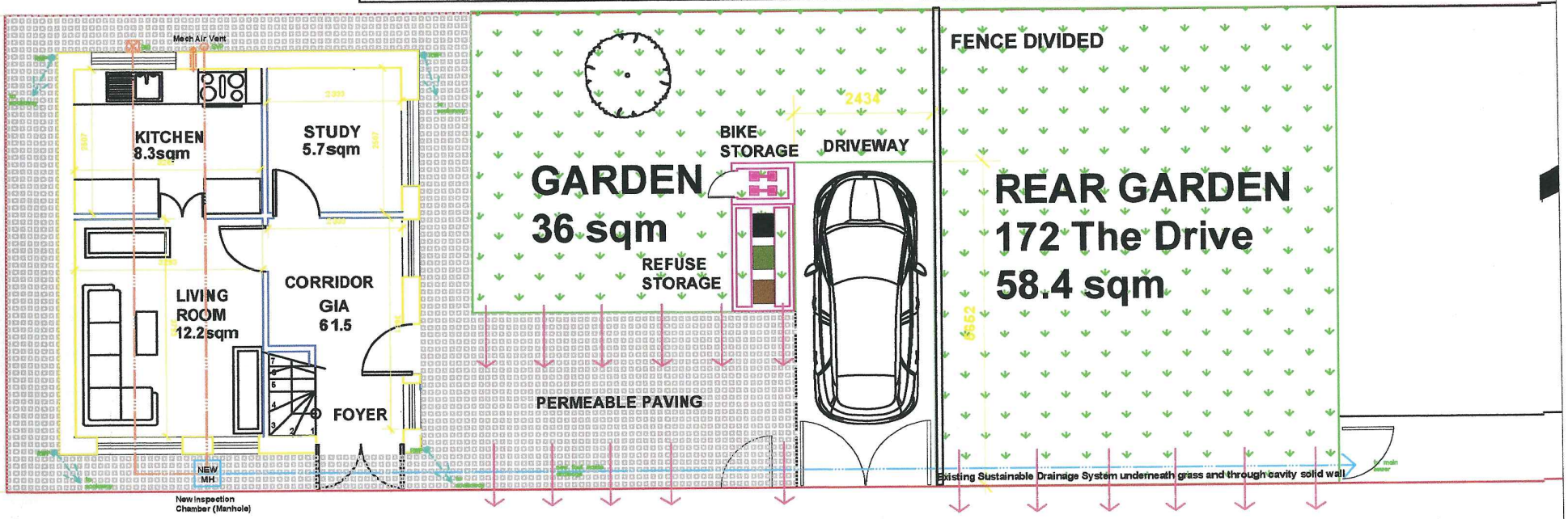
- 1nr 180 litre wheeled bins for general waste
- 1nr 240 litre wheeled bins for recycling waste
- 1nr 140 litre bin container for food waste

SUSTAINABLE DRAINAGE PAVING
Day Aggregates is a popular use of permeable paving, formally used for SUDS as this is the layer of material on which the paving units are bedded, facilitating the free passage of water through to the underlying sub-base layers. Materials can be a 2/6mm clean stone or a 2/6mm clean hard grit or Sharp Washed Sand from Day Aggregates. This specification consists of a 3mm grit should be used to infill the gaps between the pavers. This is a typical permeable pavement design recommendation from BS7533-13:2009.

RAINWATER DRAINAGE
Rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to new soakaway, situated a min distance of 5.0m away from any building, via 110mm dia UPVC pipes surrounded in 150mm granular fill. Soakaway to be min of 1 cubic metre capacity (or to depth to Local Authorities approval) with suitable granular fill with geotextile surround to prevent migration of fines. If necessary carry out a porosity test to determine design and depth of soakaway. Paved areas to be suitably drained free from storm water.



INSPECTION CHAMBER
Underground quality proprietary UPVC 450mm diameter inspection chambers to be provided at all changes of level, direction, connections and every 45m in straight runs. Inspection chambers to have bolt down double sealed covers in buildings and be adequate for vehicle loads in driveways.

SUSTAINABLE DRAINAGE SYSTEM
Proposed Sustainable Drainage System (SUDS) from soakaway to permeable paving. In addition, water flow from green surface. Rainwater flow into drainage pipes embedded into cavity solid wall. This reduces groundwater recharge that allows rapid surface water runoff, limited infiltration into the ground. This also reduces evapotranspiration from vegetation and surface water.

UNDERGROUND FOUL DRAINAGE
Underground drainage to consist of 100mm diameter UPVC proprietary pipe work to give a 1:40 fall. Surround pipes in 100mm pea shingle. Provide 600mm suitable cover (900mm under drives). Shallow pipes to be covered with 100mm reinforced concrete slab over compressible material. Provide rodding access at all changes of direction and junctions. All below ground drainage to comply with BS EN 1401-1: 2009.

REV	DESCRIPTION	BY	DATE

Drawn By:
PLOT ANGELS
LODGE LANE, BEXLEY, KENT DA5 1DJ

PROPERTY ADDRESS:
172 THE DRIVE
BEXLEY
DA5 3BX

CLIENT NAME :
MR MACLEAY

PROPOSED GROUND FLOOR PLAN

PLANNING | DRAWING NO: 03 | SCALE: 1:100

DATE: 21ST AUGUST 2019 | A4 SIZE