

## REDISHER CROFT

Hare a

- combined drainage
- surface water drainage
- foul drainage
- TP Treatment plant  
1600mm diameter

### SURFACE WATER DRAINAGE

Consideration has been given to the hierarchy of drainage options for the site as follows:

- \* Discharge into ground - underlying cohesive ground would preclude all infiltration based options
- \* Discharge of surface water body - reuse existing connection to adjacent watercourse.
- \* Discharge to surface water sewer highway drain or other drainage system - no surface water sewer in close proximity.
- \* Discharge to combined water sewer - higher option available.

### SUMMARY

Impermeable area: 260m<sup>2</sup>  
Outfall location: Watercourse  
Peak discharge rate: 5L/S (100Yr + 45% CC)

### SUDS TO ENCOMPASS:

- \* Permeable surfacing
- \* Flow control

### FOUL WATER DRAINAGE

Foul water generated by the development will be treated in the treatment plants for each property and outlet to CMH3 which has 46 Dia restricting device fitted.

46 Dia FLOW RESTRICTING DEVICE (ORIFICE PLATE) IN MANHOLE TO RESTRICT FLOWS TO A MAXIMUM OF 5L/S (50% REDUCTION IN PREDEVELOPMENT RATES)

Issues

Holcombe Brook

Sinks

FLOOD WATER SPILL LEVEL BACK INTO BROOK at APPROX 155.700

Holcombe Brook  
(100 Yr + CC Level  
at 154.58AOD.

402b

402a

Holcombe Brook

Proposed site plan Drainage strategy  
Unit 1 2 Halter Inn Works,  
11 Redisher Croft Ramsbottom,  
Bury, Lancashire, BL0 9SA