PHASE 3
PHASE 2
PHASE 1
MILLER HOMES
WEST
15 L/SEC FLAT RATE INTO SYSTEM
EXISTING SURFACE WATER FLOW 15L/S TO BE DIVERTED THROUGH NEW S104 SW SYSTEM
22.353m³ Flood flow route from S47 for 100yr + 50% worst case SW storm event - Breaching carriage way and entering private areas
5.789m³ Flood flow route from S43 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
5.572m³ Flood flow route from S38 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
9.235m³ Flood flow route from S39 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
3.808m³ Flood flow route from S36 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
8.588m³ Flood flow route from S35 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
10.997m³ Flood flow route from S55 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
7.336m³ Flood flow route from S40 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
5.495m³ Flood flow route from S59 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
15.347m³ Flood flow route from S30 for 100yr + 50% worst case SW storm event - Breaching carriageway and entering private areas.
4.157m³ Flood flow route from S6 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
1.244m³ Flood flow route from S75 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
1.268m³ Flood flow route from S78 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
7.183m³ Flood flow route from S79 for 100yr + 50% worst case SW storm event - re-entering system via road gullies
S69 Hydrobrake
MD-SHE-0349-7300-0750-7300
Design Head - 0.750m
Design Flow - 73 L/sec
Orifice
Dia - 0.255m
Depth above Invert - 0.800m
Simulated Rates:
Q1 71.3 l/s
Q30 79.1 l/s
Q100 173.1 l/s
S95 Hydrobrake
MD-SHE-0218-2350-0600-2350
Design Head - 0.600m
Design Flow - 23.5 L/sec
Orifice
Dia - 0.160m
Depth above Invert - 0.875m
Simulated Rates:
Q1 23.3 l/s
Q30 29.2 l/s
Q100 67.0 l/s
WATER MEADOWS
BUTTERMERE ROAD
THIRLMERE DRIVE
MILBECK CLOSE
LINDALE ROAD
Balancing Pond
Grimbledeston Farm
Meadowcroft
Charnley Farm
Charnley Fold
Charnley Cottage
Pond
Sinks
PS
Path (um)
Track
PRESTON ROAD
A1 @ NTS - Preston Road - 50%cc + 10% Urban Creep added to Phase 3 - 6196