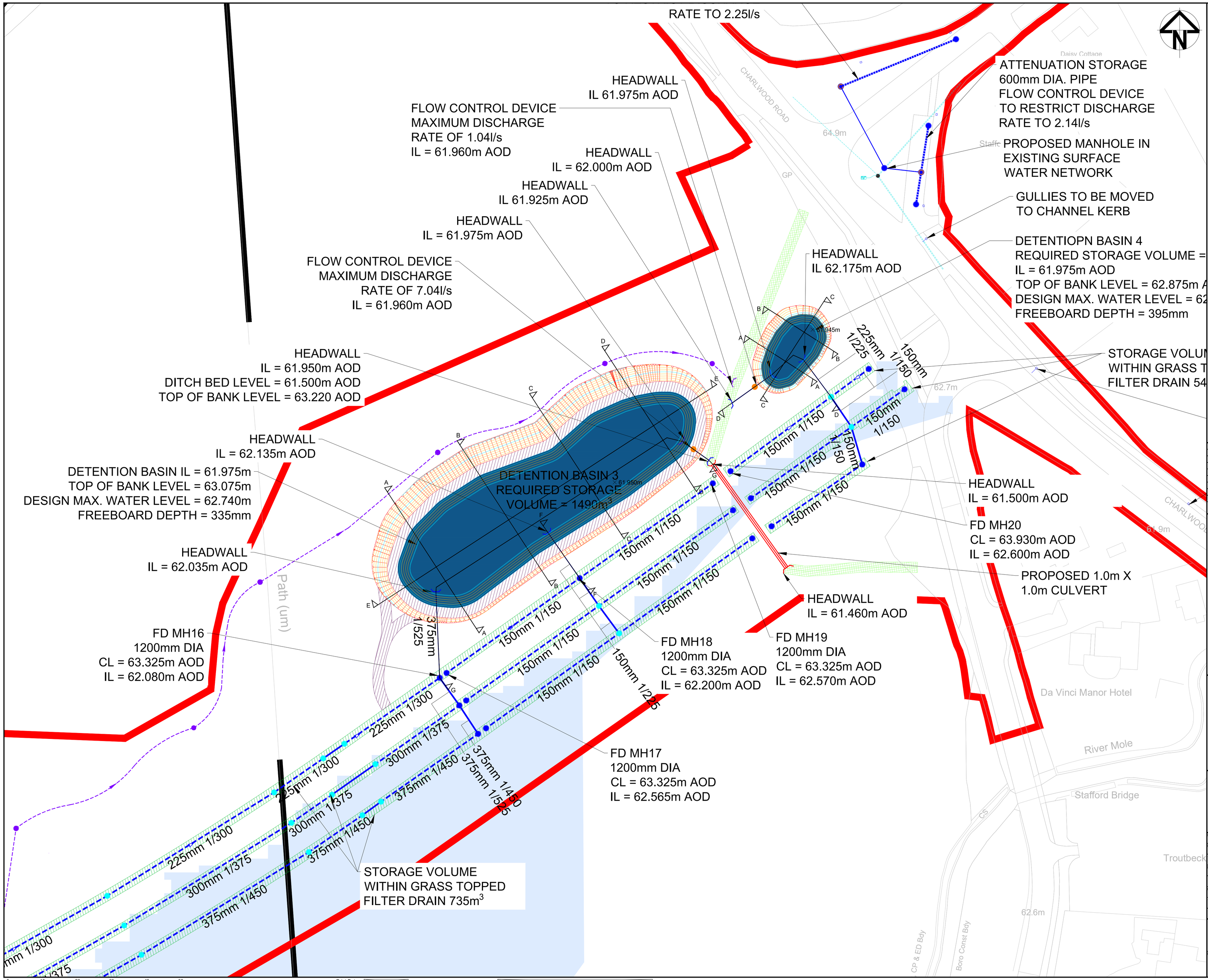
RATE TO 2.25l/s
ATTENUATION STORAGE
600mm DIA. PIPE
FLOW CONTROL DEVICE
TO RESTRICT DISCHARGE
RATE TO 2.14l/s
PROPOSED MANHOLE IN
EXISTING SURFACE
WATER NETWORK
GULLIES TO BE MOVED
TO CHANNEL KERB
DETENTIOPN BASIN 4
REQUIRED STORAGE VOLUME =
IL = 61.975m AOD
TOP OF BANK LEVEL = 62.875m A
DESIGN MAX. WATER LEVEL = 62
FREEBOARD DEPTH = 395mm
STORAGE VOLU
WITHIN GRASS T
FILTER DRAIN 54
HEADWALL
IL 61.975m AOD
FLOW CONTROL DEVICE
MAXIMUM DISCHARGE
RATE OF 1.04l/s
IL = 61.960m AOD
HEADWALL
IL = 62.000m AOD
HEADWALL
IL 61.925m AOD
HEADWALL
IL = 61.975m AOD
FLOW CONTROL DEVICE
MAXIMUM DISCHARGE
RATE OF 7.04l/s
IL = 61.960m AOD
HEADWALL
IL 62.175m AOD
HEADWALL
IL = 61.950m AOD
DITCH BED LEVEL = 61.500m AOD
TOP OF BANK LEVEL = 63.220 AOD
HEADWALL
IL = 62.135m AOD
DETENTION BASIN IL = 61.975m
TOP OF BANK LEVEL = 63.075m
DESIGN MAX. WATER LEVEL = 62.740m
FREEBOARD DEPTH = 335mm
HEADWALL
IL = 62.035m AOD
FD MH16
1200mm DIA
CL = 63.325m AOD
IL = 62.080m AOD
DETENTION BASIN 3
REQUIRED STORAGE
VOLUME = 1490m3
HEADWALL
IL = 61.500m AOD
FD MH20
CL = 63.930m AOD
IL = 62.600m AOD
PROPOSED 1.0m X
1.0m CULVERT
HEADWALL
IL = 61.460m AOD
FD MH18
1200mm DIA
CL = 63.325m AOD
IL = 62.200m AOD
FD MH19
1200mm DIA
CL = 63.325m AOD
IL = 62.570m AOD
FD MH17
1200mm DIA
CL = 63.325m AOD
IL = 62.565m AOD
STORAGE VOLUME
WITHIN GRASS TOPPED
FILTER DRAIN 735m3
225mm 1/225
150mm 1/150
150mm 1/150
150mm 1/150