



INVERT LEVEL OF EXISTING PUBLIC COMBINED SEWER AT POINT OF CONNECTION BASED ON INTERPOLATED LEVELS. DIRECT CONNECTION TO THE PUBLIC COMBINED SEWER SUBJECT TO S106 AGREEMENT WITH YORKSHIRE WATER.

EXISTING 150mm PUBLIC COMBINED WATER SEWER. LOCATION AND INVERT LEVEL OF PUBLIC SEWER BASED ON GREENHATCH GROUP UTILITY SURVEY (REF. 36335_T_UG_REV. 0) INFORMATION.

INDICATIVE LOCATION OF THE EXISTING COMBINED WATER SEWER WITH 8m EASEMENT. EXACT LOCATION OF PUBLIC SEWER TO BE CONFIRMED VIA ADDITIONAL SURVEY. PUBLIC SEWER LOCATION MAY AFFECT THE PROPOSED POND LAYOUT.

SURFACE WATER ATTENUATION BASIN
 BED LEVEL: 164.300m AOD
 WATER LEVEL: 165.900m AOD
 TOP OF BANK LEVEL: 165.200m AOD
 MAXIMUM DEPTH OF WATER: 1.6m
 FREEBOARD DEPTH: 0.3m
 MAX VOLUME 305m³ TO ACCOMMODATE STORAGE UP TO A 1:100 YEAR + 40% CLIMATE CHANGE STORM EVENT.
 EMBANKMENTS TO BE CONSTRUCTED AT 1:4 GRADIENTS.

PROPOSED FLOW CONTROL CHAMBER CONTROLLING FLOWS UP TO 1 IN 100 +40% CLIMATE CHANGE TO 10.5L/S. PROPOSED DISCHARGE RATE SUBJECT TO AGREEMENT WITH THE LEAD LOCAL FLOOD AUTHORITY AND THE LOCAL PLANNING AUTHORITY

NOTES:

- DO NOT SCALE THIS DRAWING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ENGINEERS, ARCHITECTS AND SPECIALIST DESIGN DRAWINGS AND DETAILS.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE.
- THIS DRAWING IS FOR STRATEGY PURPOSES ONLY AND NOT TO BE USED FOR CONSTRUCTION.
- SURFACE WATER ATTENUATION BASED ON 100 YEARS PLUS 40% CLIMATE CHANGE ALLOWANCE AND 0.605HA IMPERMEABLE AREA INCLUDING A 10% ALLOWANCE FOR URBAN CREEP.
- PROPOSED SURFACE WATER DISCHARGE RATE OF 10.5L/S SUBJECT TO AGREEMENT WITH THE LEAD LOCAL FLOOD AUTHORITY, THE PLANNING AUTHORITY AND YORKSHIRE WATER.
- PROPOSED DISCHARGE RATE BASED ON 30% BETTERMENT TO EXISTING BROWNFIELD RUN-OFF RATES CALCULATED USING THE MODIFIED RATIONAL METHOD AND 0.154HA EXISTING IMPERMEABLE AREA DRAINING TO THE PUBLIC SEWERS WITHIN MILL LANE.
- ANY CHANGES TO THE PROPOSED RUN-OFF RATES ON SITE WILL AFFECT THE FINAL DRAINAGE DESIGN AND ATTENUATION VOLUMES.
- PROPOSED CONNECTION TO YORKSHIRE WATER PUBLIC SEWERS SUBJECT TO SECTION 106 AGREEMENT.
- EXISTING INVERT LEVELS OF THE PUBLIC SEWERS OF POINTS OF CONNECTION INDICATIVE ONLY AND BASED ON GREENHATCH GROUP UTILITY SURVEY (REF. 36335_T_UG_REV. 0) INFORMATION. ANY CHANGES TO THESE SURVEY LEVELS MAY RESULT IN CHANGES TO THE PROPOSED DRAINAGE STRATEGY.

KEY

- ADOPTABLE SURFACE WATER PIPE
- ADOPTABLE SURFACE WATER MANHOLE
- ADOPTABLE SURFACE WATER FLOW CONTROL CHAMBER
- SURFACE WATER ATTENUATION BASIN
- ADOPTABLE FOUL WATER PIPE
- ADOPTABLE FOUL WATER MANHOLE
- PROPOSED HIGHWAY GULLY
- EXISTING YORKSHIRE WATER COMBINED SEWER
- EXISTING YORKSHIRE WATER PUBLIC SEWER EASEMENT
- ADOPTABLE YORKSHIRE WATER SEWER EASEMENT
- APPROXIMATE SITE OWNERSHIP BOUNDARY

SECTION 106 APPLICATIONS TO BE SOUGHT AND APPROVED PRIOR TO ANY CONSTRUCTION AND CONNECTIONS TO THE PUBLIC SEWER NETWORK BEING MADE.

FURTHER INVESTIGATION REQUIRED AT DETAILED DESIGN TO ESTABLISH EXISTING YORKSHIRE WATER COMBINED SEWER LOCATIONS AND INVERT LEVELS.

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