



NOTES

- This drawing is to be read in conjunction with drawing Nos. FC2789/01-25.
- Existing onsite drainage is shown on drawing FC2789/01-04.
- All adopted drainage and connections to the sewer system are to be constructed in accordance with 'Sewers for Adoption' 6/7th Edition or as stipulated in the Southern Water Addendum.
- Connections to the adopted drainage system are subject to the approval of Southern Water the Drainage Authority. Diverted, divested, build close to/over sewers, and new sewers are subject to SW approval. All other drainage is to remain private.
- All pipes and fittings to be adopted, or connecting to adopted sewers, and/or situated under highway to be vitrified clay (min 40kN/m) to BS EN 296 & BS65 (SWs only), or Concrete pipes to be EN 1916 & BS5911 Part 1, or Thermoplastic Structured wall sewer pipes to BS EN 13476-1-4 and WIS 4-35-01 (class 8kN/m), or Ductile Iron BS EN 598, and be capable of withstanding 4000 PSI jetting pressure.
- Cover levels shown are approximate. Covers and frames shall be set to finished ground levels and falls.
- All drainage to be constructed to BS EN 752:1999 and subject to the approval of Building Control/LPA and the Environment Agency.
- Gully and channel drain positions are liable to amendment when the design levels have been determined.
- All downpipes to new dwellings are to be sealed, ie connected directly to the stormwater drain. All downpipes to existing dwelling are to be connected to trapped gullies. Access points to be provided 1m above ground level for external RWP's and 1m above FFL for internal RWP's.
- All below ground concrete to accord with AGC's site classification of AGC-1's - refer to Geotechnical Investigation
- Aco channel drain to be K1005 with grade C250 Quicklock 'Heelguard' cast iron grating or equivalent, where adjacent to kerbing or within pedestrian areas. Elsewhere Aco channel drain to be Road Drain 100 Class F. All channel drain outlets to have oil traps
- The Contractor should construct works in accordance with the Local Authority specification for the works they are to undertake.
- Road gully/Channel outlet pipes are to be 150mm dia. with concrete surround and flexible joints. All other un-referenced pipes are assumed to be 100mm dia. FW min gradient - 1 in 40 (100 dia) no WC's connected FW min gradient - 1 in 80 (100 dia) min 1 WC connected FW min gradient - 1 in 150 (150 dia) min 5WC's SW min gradient - 1 in 100 (100/150 dia)
- If any sub soil drainage systems are uncovered during the Works contact the Engineer for instructions. Generally sub soil drains affected are to be diverted around new Works and connected into the surface water drainage system. Pipe diameters and gradients are to be maintained.
- Before commencing construction the Contractor must check the invert levels of existing sewers to which connections are made. In addition the Contractor must locate and determine invert levels of the existing spurs to which connections are proposed. Additional spur/manhole connections are to be agreed with the relevant adopting authority. Any discrepancies are to be notified to the Engineer immediately, prior to construction.
- Road reinstatements are to be to the Highway Authority approval.
- No private areas are to drain onto adoptable areas and vice versa.
- All redundant drainage to be abandoned once the Contractor and Client have satisfied themselves that no connections remain live. Drains and sewers less than 1.5m deep which are in open ground should as far as is practicable be removed. Other pipes should be sealed at both ends and at any other point of connection and solidly filled at intervals not exceeding 25m with Class G3 or G4).

SUBJECT TO THE APPROVAL OF:
LPA - Planning Conditions
BUILDING CONTROL/NHBC
Southern Water SW106/SW104
HCC Highways

Subject to confirmation of the following:
Foundations
Confirmation of winter Ground water table levels

REV	DESCRIPTION	DATE
-	Issued For BUDGET/APPROVAL ONLY	07/05/19

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PROJECT	DRAWING	SCALE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
WOODCROFT LANE WATERLOOVILLE HAMPSHIRE PO8 9QD	PROPOSED DRAINAGE LAYOUT SHEET 3 OF 6	1:125	MAY 19	INITIAL	MH	CHMD	REV	A	

FC2789/10

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