

NOTES

- At the commencement of works on site the contractor is to carry out trial pits and tests with utility companies in order to establish the exact position of all existing statutory utility pipes in the vicinity of works and take adequate precautions for their protection.
- Where the works involve the obstruction of a footway, the Contractor shall provide an alternative safe footway properly signed, guarded and lit.
- All highway works to be carried out in accordance with Hampshire County Council's Requirements for Development, to the satisfaction of the Highway Authority Section 31 Inspector and in accordance with the Specification for Highway Works.
- At excavation and backfilling work in the existing highway to be in accordance with the provisions of the New Street Works Act 1991 or that specified within the Working Drawings.
- The Contractor is to comply fully with the CDM Regulations in the course of constructing the works.
- Any highway or drainage works constructed prior to the issue of Technical Approval is at the risk of the Contractor/Client.
- The Contractor shall ascertain the CBR of the subgrade in order to determine the required sub-base/capping thickness.
- Prior to laying any material the subgrade must be inspected and any soft spots removed and filled with 100% coping material.
- Prior to construction of any drainage works, the Contractor is to confirm the invert levels of existing manholes and sewers. Any variations from the designed levels shown on the drawings shall be reported to the Engineer in advance of construction works commencing.
- All suitable foul sewer drainage works must comply with 'Sewers for Adoption, 6th Edition' and to Southern Water Adoption and to the satisfaction of Southern Water.
- All suitable drainage pipes must have 100mm Class 3 granular bed and surround. However, any pipes below the adoptable carriageway with less than 1.2m of cover (100mm in virgin and unconsolidated ground) shall be Class 2 surrounded with 150mm of C24 concrete with flexible joints.
- All drains and sewer pipes to be laid softlit to soffits, unless shown otherwise.
- Sewer trench backfill to be in accordance with the Adoptable Drainage Details (Drg No. 4159/06).
- Contractor to refer to Health & Safety Executive 'Note 47-Avoiding Danger from Underground Services' and Document C66 - Avoiding Danger from Overhead Electric Lines'.
- Where one-way traffic is unavoidable, traffic shall be controlled by a proper system of vehicle activated traffic signals or manual Stop/Go signs and during the hours of darkness by a proper system of vehicle-activated traffic signals, or to the approval of the Highway Authority.
- Traffic signs and carriageway markings shall comply with the 'Traffic Signs Regulations and General Directions' (2002). Any signs removed or part of the works to be installed on new poles where appropriate.
- Where existing junctions and accesses remain in operation while the works during the construction process, the Contractor shall ensure that access to these units remains available at all times.
- Highways in the vicinity of the works must be kept free from mud, debris and dust falling from vehicles or the wheels of vehicles connected with the works.
- Where the deposits of debris and mud are unavoidable, warning signs must be exhibited which work in progress and affected carriageways/footways must be regularly cleaned.
- Do not scale from this drawing. Work only from stated dimensions or setting out details.
- The Contractor shall be responsible for the traffic safety and management associated with the construction of the works. The Contractor shall not commence any works on the existing highway until his traffic management proposals have been agreed with Hampshire County Council.
- Works on or adjacent to existing public highway shall be executed in accordance with the Traffic Signs Code for Roadworks and Chapter 8 of the Traffic Signs Manual.
- All levels are in metres above Ordnance Datum.
- All foul and storm water drains which are not subject to adoption as public sewers under a Section 104 Agreement must be constructed in accordance with the latest Building Regulations, BS5593, and, where appropriate, the relevant approval certificates.
- Where grass service strips are present a requirement is to be placed on the owner/occupier to maintain the grassed areas and to ensure that no parking is carried out which is injurious to the underlying services. Vehicle emergency and personnel paths to be constructed to adoptable standards.
- There is to be no demarcation of service strips for the grassed area.
- Private drainage plans must be to 100mm unless shown otherwise on Engineering Layout Plans.
- 100mm private foul water & storm water drainage shall be laid no flatter than 1 in 80. 150mm private shall be laid no flatter than 1 in 100.

- KEY:
- ROAD CENTRE LINE
 - ROAD KERBS
 - FOOTWAY EDGING KERB
 - ROAD CHANGING
 - PROPOSED ROAD CONTOURS
 - HIGHWAY GULLY & CONNECTION
 - FOUL WATER SEWER, MANHOLE & PIPE DETAILS
 - EXISTING FOUL WATER RISING MAIN
 - EXISTING INFRASTRUCTURE FOUL WATER SEWER
 - PRIVATE SW DRAIN, INSPECTION CHAMBER & INVERT LEVEL
 - PRIVATE SW RISING EYE
 - TWIN 150mm LINK PIPES
 - FORMPAVE DISTRIBUTION TANK [1050x700x150]
 - PRIVATE FW DRAIN, INSPECTION CHAMBER & INVERT LEVEL
 - PRIVATE ACD DRAIN
 - PRIVATE YARD GULLY & CONNECTION
 - FINISHED FLOOR LEVELS
 - PROPOSED SPOT LEVELS
 - PROPOSED GRADIENT INDICATOR
 - PROPOSED HEADWALL
 - FULL HEIGHT RESTRAINT
 - PROPOSED BOLLARD
 - SITE BOUNDARY

PROPOSED 6 METRE NOMINAL HEIGHT POST TOP POLYMER COATED TUBULAR STEEL LIGHTING COLUMNS, COMPLETE WITH POST TOP MOUNTED LANTERNS (WRL LUNA FITTED WITH 30W PFL LAMPS AT 5 DEGREE TILT) LANTERNS TO HAVE "DAY" ELECTRONIC BALLASTS, CONTROL BY MAYFLOWER INTELLIGENT MANAGEMENT SYSTEM (MIMS) REMOTE MONITORING NODES.

NOTE: EVERY ADAPTABLE LIGHTING SCHEME IS REQUIRED TO INSTALL ONE MAYFLOWER MOBITEX GPS SUB-MASTER UNIT TO CONTROL THE NODES AND LINK TO CENTRAL CONTROL SYSTEM.

Rev.	Design/Drawn/Checked/Date	NP/NP/NP/NP	Revision Details
A	04.11.14	NP/NP/NP/NP	Surface water drainage design revised with additional basins and ditches to limit total discharge to 100%
B	06.11.14	NP/NP/NP/NP	Swale extended all along the eastern boundary (Phase 1). Permeable paving (in front of Plots 52-57 revised)

