



Any existing services which may be affected by the proposed works should be located by means of a hand dig in close liaison with the statutory service authorities. The contractor shall inform the developer of any services that may affect the proposed design. Contractors to notify statutory service authorities prior to commencement of work. As Constructured Information it is the contractors responsibility to provide the following as constructed drawings to the developer upon the completion of the works covered by the contract :-

1. Position/co-ordinates of all adoptable manholes.
2. Invert and cover levels of all adoptable manholes.
3. New gully positions and connections.
4. Position and depth of service ducts for water, gas, electric, BT, cable and street lighting stating size and number of ducts.

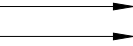
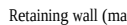
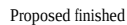


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LEGEND	
Adoptable Drainage Proposed adopted Force mainhole  Proposed adopted Storm manhole  Existing adopted Force manhole  Existing adopted Storm manhole  Existing adopted Combined manhole  Adoptable Highways Proposed highway to be cambered  Proposed highway to have crossfall  Proposed highway gully  Proposed tactile pedestrian crossing (refer to construction drawing for detail)  Storm Drainage - All existing invert levels and pipe diameters to be investigated to confirm outfall positions / invert levels.	Private Drainage Private Storm rodding eye  300mm dia. private inspection chamber. To be used where depth to invert is 600mm or less  450mm dia. private inspection chamber. To be used where depth to invert is 3000mm or less. Reduced excavation required at depths greater than 1200mm. Private backfills may be required to avoid steep gradients.  None - All private drainage to be 100mm rigid pipe or 110mm flexible pipe unless otherwise shown Where 5 or more properties connect to the same run the (pipes) should be upgraded to 150mm dia. after the fifth property. All private drainage to have a minimum fall of 1:70 unless otherwise shown Bedding should be granular material to BS 882 : Part 2 of 10mm nominal single size aggregate. Rigid pipes of nominal size 150mm and 160mm flexible pipes should have granular material to BS 882 : Part 2 of 10mm or 14mm nominal sized aggregate or 14mm to 5mm graded aggregate.
Retaining walls and steps Retaining wall (max retained height 500mm), edge protection required from 600mm hse  Use 450mm steps to reduce wall height following ground profile - at contractor discretion.	 Tanking (only external walls are identified). Party wall tanking not identified - see project specification regarding sloping of under floor levels. All tanking requires specialist 3rd party details. Brickwork to be shown below DPC  Paving Flag Steps - 300mm Goid 150mm Rise Hand Rail required at 3 or more steps  Ratons - these should not exceed 1:3 adjacent to adoptable highways Refer to NIRC guidance for suitable material use. Geotechnical input / site specific detail may be required  Proposed finished ground level  DPC levels must NOT be altered without informing the designer Please refer to Architects layout for details of proposed drainage and boundary walls