

- GENERAL NOTES:-
- The contractor is to check and verify all buildings and site dimensions and levels, including existing sewer invert levels, before works start on site. The contractor is to comply in all aspects with the current building legislation, British Standards, building regulations etc.
 - Positions of existing sewerage infrastructure underground and/or crossing proposed excavations are to be checked by the contractor prior to starting work.
 - This drawing is to be read in conjunction with and checked against all other drawings, engineering details, specifications and any structural, geotechnical or other specialist documents provided.
 - This drawing is schematic for clarity only; positions of pipe runs and manholes may vary on site due to site conditions.
 - Where lines adjacent to the highway are proposed, road barriers of an approved type are required to prevent future structural damage to the highway.
 - Any anomaly or contradiction between any of the above is to be reported immediately to Spring Design.
 - Street Lighting to be designed by Others.
- ROAD & SEWER ADOPTIONS:-
- All works for adoption under a Section 38 Agreement shall be carried out to the Highway Authority Specification for Road Construction in Residential Areas and to the Highway Authority Specification for Sewerage.
 - The Contractor must confirm and certify that the design criteria, material standards and workmanship specifications for the proposed adoptable sewers are in accordance with those set out in "Sewers for Adoption" 7th Edition, and the requirements of the Statutory Sewerage Undertaker.
 - Subject to a Section 104 Adoption Agreement being complete, a Section 106 application to connect must be made to the Statutory Sewerage Undertaker. The Developer shall give 21 days notice prior to connection. The Works may only be undertaken by an SSP Health & Safety approved contractor.
 - Any works carried out on site prior to confirmation of technical approval for Section 104 and Section 38 Agreements (including street lighting approval) are entirely at the developer's risk.
 - Street lighting positions to be pegged on site and agreed by the Local Authority PRIOR to erection commencing.
 - A clause is to be included within the Section 38 Agreement requiring that, prior to adoption, the developer is to process a Traffic Regulation Order covering whatever restrictions may be determined to be necessary in relation to on-street parking restrictions within the site roads. The situation will be monitored once all new dwellings are occupied.
 - A clause is to be included within the Section 38 Agreement requiring that additional speed reducing measures are to be implemented if judged necessary by the Highway Authority in the event that excessive vehicle speeds become evident prior to adoption of the works.

- DRAINAGE NOTES:-
- All private drainage shall be in accordance with BS8301 and relevant sections of Approved Document H of the Building Regulations.
 - The contractor is to check the level of existing sewers being used as outfalls or crossing proposed drainage runs PRIOR to laying any pipes. Any discrepancies are to be reported to Spring Design.
 - Position of all pipes, subsoil, rainwater downpipes, etc., positions are to be checked against the house type working drawings.
 - Private drainage shall be flexible jointed plastic or clay pipework. Diameter 100mm unless shown otherwise.
 - All connections for House Drainage shall be 100mm unless noted otherwise and must extend 500mm behind the back of footpath/horizon road. All connections when laid shall be plugged, protected as necessary and marked with a stake for future use.
 - For private drains where cover to pipes is less than 600mm in vehicular areas or 600mm in other areas protection in the form of a 100mm thick concrete pad shall be provided over the pipe granular surround.
 - Where pipes pass through screen walls, footings or retaining walls, inlets are to be provided over. Under buildings pipes shall be surrounded with 150mm thickness of granular material. Where drains pass within 1m of subsurface wall foundation shall be taken down below the level of the pipe.
 - Where drains do not exceed 600mm deep, plastic or clay access fittings minimum diameter 225mm shall be used. Elsewhere proprietary plastic or precast concrete inspection chambers shall be used. Unless shown otherwise FW inspection chambers are to be 750mm below gpc level and SW chambers and rodding eyes to be 600mm below gpc.
 - All gullies and rainwater downpipes connected directly to drains are to be roddable.
 - House levels shown are gpc and adjacent garage floors are to be 150mm lower unless shown otherwise. Levels at drainage access points are invert.
 - Drainage runs should be laid at a minimum of 5.0m from the rear of properties where practical to allow for future extension.
 - All drainage shall be laid upstream and each run between manholes shall be laid complete prior to backfilling. Where this is not practical trial holes or other means of identifying the line and level of services shall be carried out prior to works commencing.
 - All branch drains, or connections, are to discharge to the collectors obliquely and in the direction of the main flow.
 - All low spots on hardstanding areas to have yard gullies unless permeable paving is used.

- KEY
- Surface Water Drain (Non-Adoptable)
 - Surface Water Drain (Adoptable - S.104)
 - Foul Water Drain (Non-Adoptable)
 - Foul Water Sewer (Adoptable - S.104)
 - Foul Water Rising Main (Adoptable - S.104)
 - Channel Drain/Slot drain
 - Rodding Eye
 - Yard Gully
 - Type 4 SW Inspection Chamber (Non-Adoptable)
 - Type 3 SW Inspection Chamber (Non-Adoptable)
 - Type 3 SW Inspection Chamber (Adoptable - S.104)
 - Type 3 SW Inspection Chamber (Adoptable - S.104)
 - Surface Water Manhole (Adoptable - S.104)
 - Type 4 FW Inspection Chamber (Non-Adoptable)
 - Type 3 FW Inspection Chamber (Adoptable - S.104)
 - Type 3 FW Inspection Chamber (Adoptable - S.104)
 - Foul Water Manhole (Adoptable - S.104)
 - New Highway Gully and connection (Adoptable - S.38)
 - Proposed Ground Level
 - Heavy Retaining Wall (Height Indicated)
 - Exposed Facing Brickwork (Height Indicated)
 - 1 in 2 max Enbankment
 - Finished Floor Level
 - Stops (No. Indicated)
 - Cellular Storage - SDS Geolight o.s.a
 - Permeable Paving/attenuation

