



KEY	
	Proposed Foul Drains
	Assumed position of Existing Foul Drains
	Proposed Surface Water Drains
	Soakaways

SURFACE WATER DRAINAGE
Rainwater to be collected in 100mm wide half round uPVC and 65mm diameter uPVC downpipes. Water to discharge to Marley rainwater gullies. Soakaways to be 1000mm diameter x 1000mm deep filled with 50mm nominal clean stone up to 300mm minimum of finished ground level, covered with visqueen membrane and back filled up to surrounding finished level with top soil. Soakaways to be at least 5m away from structure within lower ground.

FOUL DRAINAGE
All new drains are to be 110mm diameter Marley uPVC drains laid in granular material at a fall of 1 in 40. SVP's to have 600mm radius bend at base. Wastes to connect into pre-cast manholes set on 150mm thick concrete base as indicated. Drains passing through walls are to be isolated from structure with 600mm long x 100mm wide x 150mm deep reinforced concrete lintels Pipes to be haunched with sand / cement mortar. 450mm pre cast manholes to be fitted in strict accordance to manufactures instructions. Waste to connect to existing foul water drain. Invert and cover levels of manholes to be confirmed on site. Prior to commencement of works *Section 104 & 106 Welsh Water agreements to be in place to make connection to mains drains and lay adoptable drainage run.*

A	12/18	Design Amends	D.J.E.
Rev	Date	Detail	Initial

Project: Proposed residential development at Old Wrexham Road, Gresford, Wrexham.	
Title: Indicative Drainage Layout	Scale: (A2) 1:250

Drawn By: D.J.Edwards	Date: Nov 2018
Drawing No: T064/011	Sheet: 1 of 1

Office 3K4,
Redwither Business Tower,
Wrexham. LL13 9XT
Tel: 01978 356500
www.blueprintarchitectural.com
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Site Plan 1:250