Drainage Plan 1:200

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 drainags. Invert and cover levels of manholes to be confirmed prior to commencement of any drainage works. 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.*

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Key

Surrounding Buildings

Proposed Site

KEYS

Foul Drains

Surface Water Drains

Soakaways

Rev	Date	Detail	Initial
B	01/19	Design Amends	D.J.F.
A	01/19	Design Amends	D.J.E.

Project:
Proposed Alterations at,
Scallywags Day Nursery,
Pentre Maelor,
Wrexham
LL13 9FZ

Title:
Planning: Indicative Drainage Layout

Scale: (A2)
1:200

Drawn By:
D.J.Edwards

Date:
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Drawing No:
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Sheet:
1 of 1

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