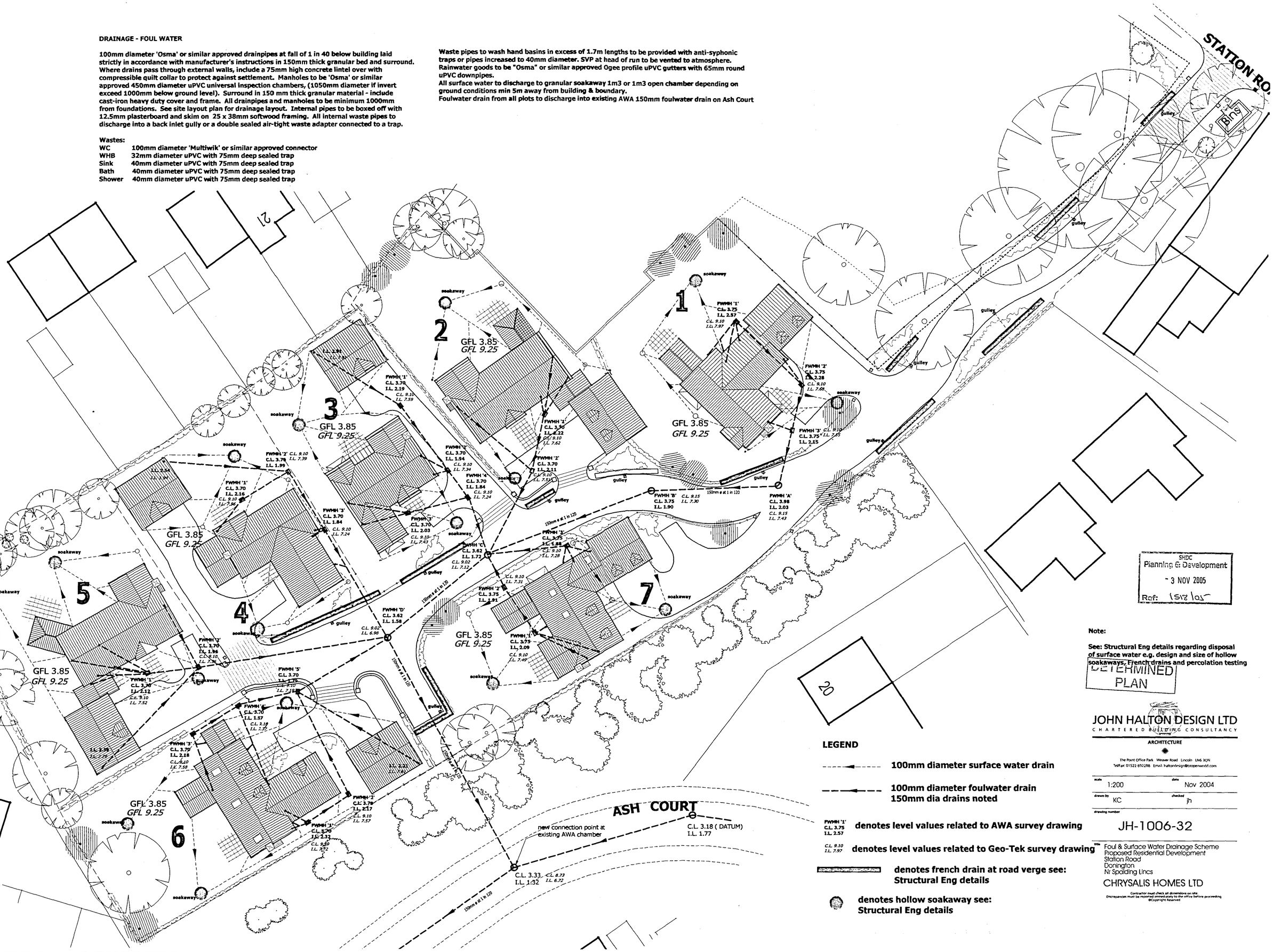
DRAINAGE - FOUL WATER

100mm diameter 'Osma' or similar approved drainpipes at fall of 1 in 40 below building laid strictly in accordance with manufacturer's instructions in 150mm thick granular bed and surround. Where drains pass through external walls, include a 75mm high concrete lintel over with compressible quilt collar to protect against settlement. Manholes to be 'Osma' or similar approved 450mm diameter uPVC universal inspection chambers, (1050mm diameter if invert exceed 1000mm below ground level). Surround in 150 mm thick granular material - include cast-iron heavy duty cover and frame. All drainpipes and manholes to be minimum 1000mm from foundations. See site layout plan for drainage layout. Internal pipes to be boxed off with 12.5mm plasterboard and skim on 25 x 38mm softwood framing. All internal waste pipes to discharge into a back inlet gully or a double sealed air-tight waste adapter connected to a trap.

Wastes:

WC	**100mm diameter 'Multiwik' or similar approved connector**
WHB	**32mm diameter uPVC with 75mm deep sealed trap**
Sink	**40mm diameter uPVC with 75mm deep sealed trap**
Bath	**40mm diameter uPVC with 75mm deep sealed trap**
Shower	**40mm diameter uPVC with 75mm deep sealed trap**

Waste pipes to wash hand basins in excess of 1.7m lengths to be provided with anti-syphonic traps or pipes increased to 40mm diameter. SVP at head of run to be vented to atmosphere. Rainwater goods to be "Osma" or similar approved Ogee profile uPVC gutters with 65mm round uPVC downpipes.
All surface water to discharge to granular soakaway 1m3 or 1m3 open chamber depending on ground conditions min 5m away from building & boundary.
Foulwater drain from all plots to discharge into existing AWA 150mm foulwater drain on Ash Court



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Note:

See: Structural Eng details regarding disposal of surface water e.g. design and size of hollow soakaways, French drains and percolation testing

DETERMINED PLAN

LEGEND

- **100mm diameter surface water drain**
- **100mm diameter foulwater drain 150mm dia drains noted**
- **FWMH '1' C.L. 3.75 I.L. 2.57** — **denotes level values related to AWA survey drawing**
- *C.L. 9.10 I.L. 7.97* — **denotes level values related to Geo-Tek survey drawing**
- **denotes french drain at road verge see: Structural Eng details**
- **denotes hollow soakaway see: Structural Eng details**

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scale 1:200	date Nov 2004
drawn by KC	checked jh
drawing number	JH-1006-32

title: Foul & Surface Water Drainage Scheme
Proposed Residential Development
Station Road
Donington
Nr Spalding Lincs

CHRYSALIS HOMES LTD

Contractor must check all dimensions on site.
Discrepancies must be reported immediately to the office before proceeding
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