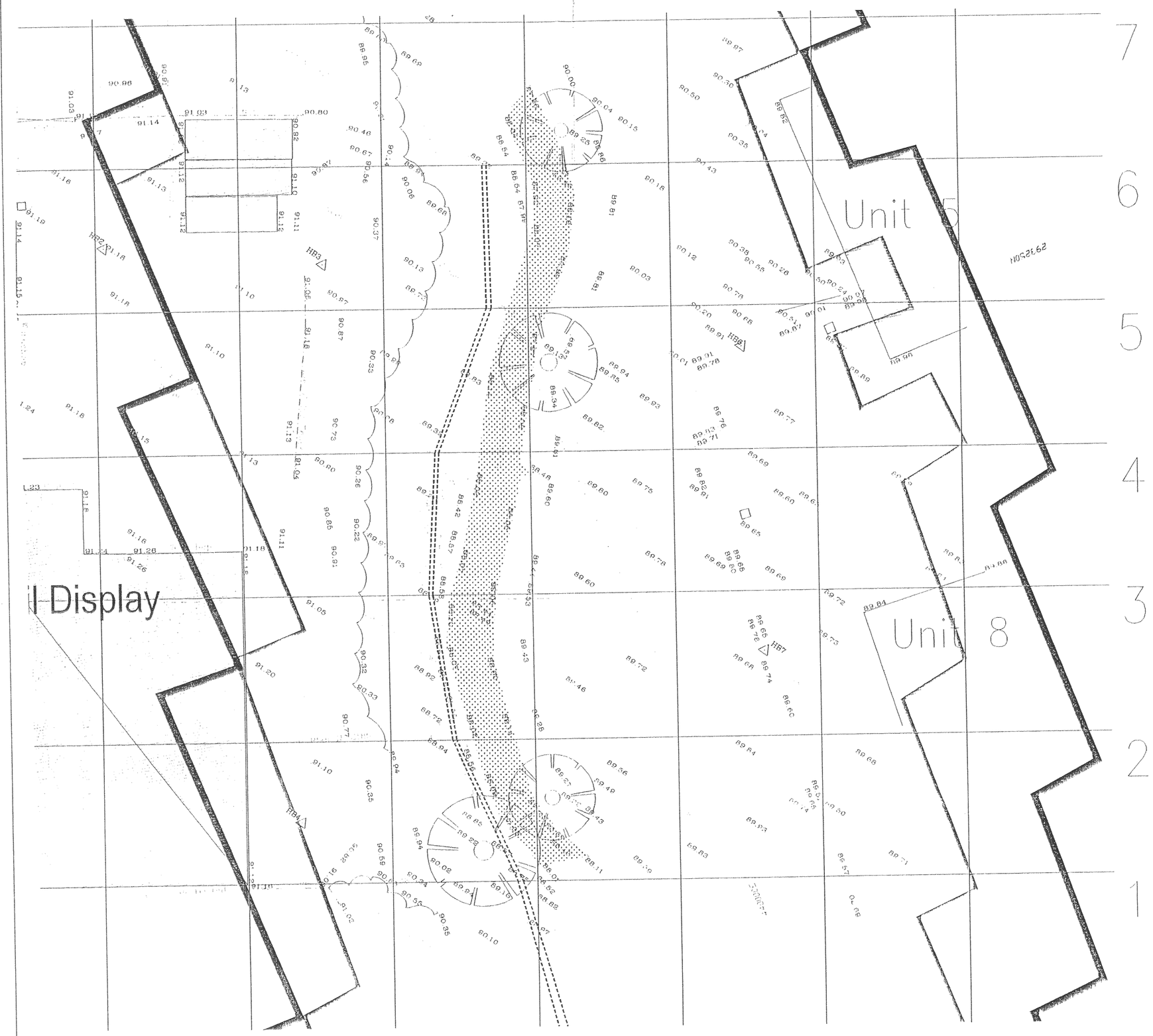
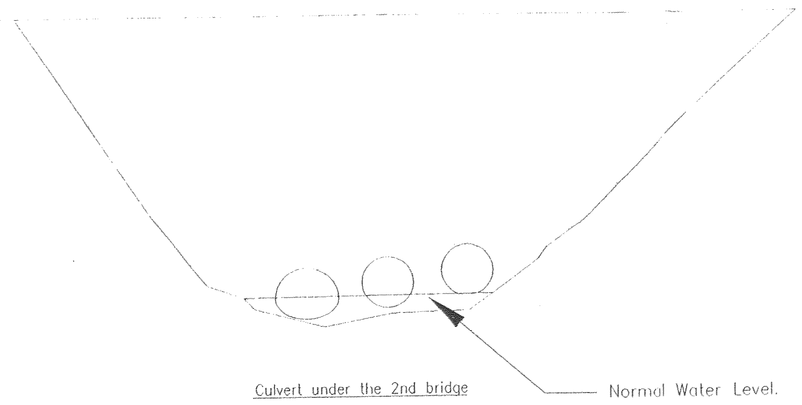
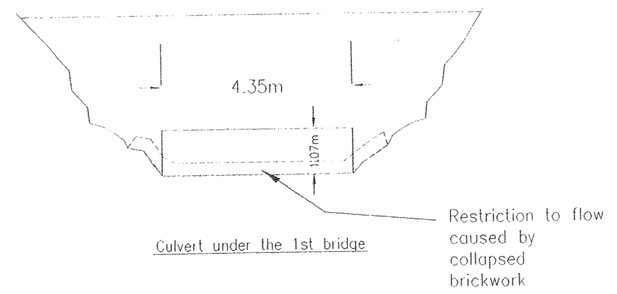
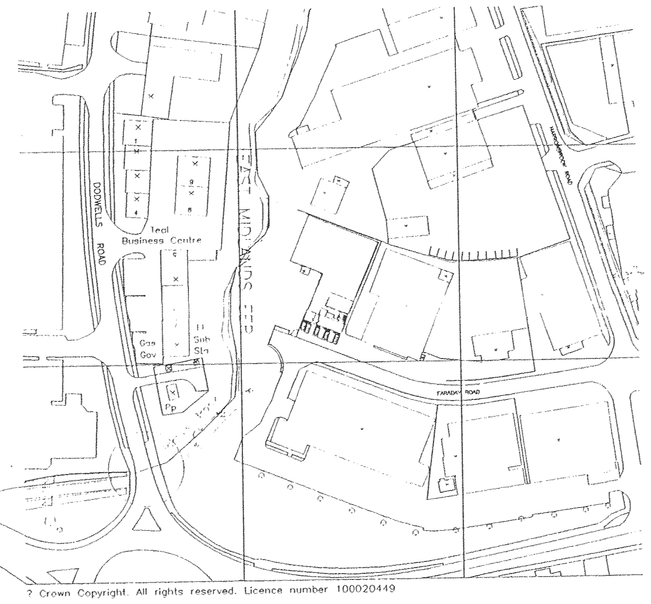
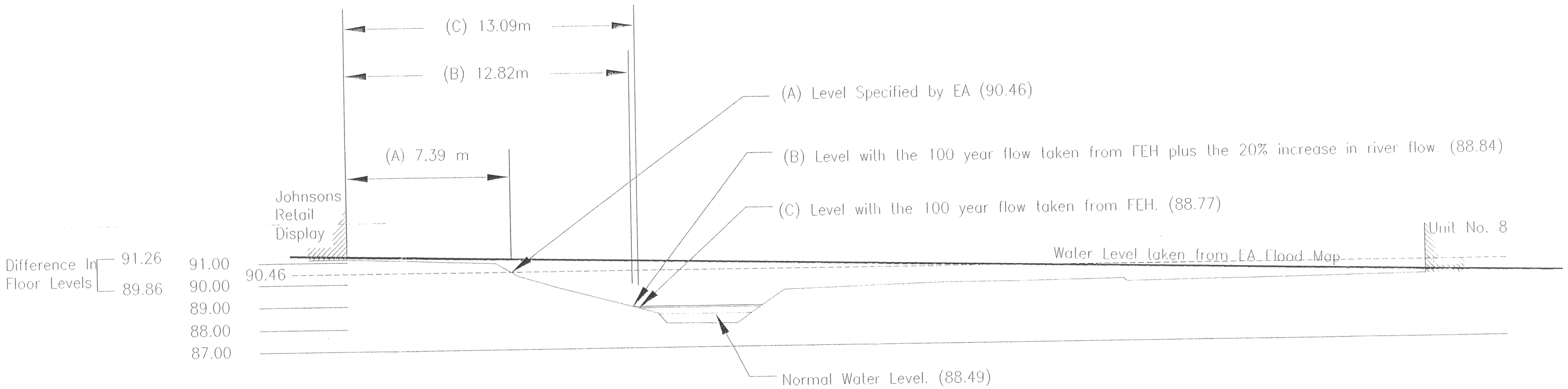










GRID LINE 3

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NOTES

Culverts under main roads are designed to 100 year return periods.

The unrestricted capacity of the 1st culvert under Dodwells road, which is downstream of the development, was calculated at 13m3/s.

The flow in this culvert is currently restricted by brickwork that has fallen from the top of the bridge into the river and forms a continuous barrier across the river. This restriction reduces the capacity of the culvert to 9.4m3/s.

The 2nd culvert downstream, which is under the A5 has a capacity of approximately 9m3/s, but because of restrictions due to silting and constrictions at the outlet this capacity is reduced to approximately 8m3/s.

DEVELOPMENT SERVICES
19 MAY
RECEIVED

Ref	Revision	Date	By
A	Flood levels amended to represent levels produced from Revitalised FSR/FEH rainfall runoff method as required by the Environment Agency	25 May	PD

Issue
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Project Title
JOHNSONS RETAIL DISPLAY
UNIT 25 FARADAY RD
HINCKLEY

Drawn	Date
PD	11/04/06
Scale: AS SHOWN	Checked

Drawing Title
PREDICTED FLOOD LEVELS ON HARROWBROOK

Project No	Drawing No	Revision
05/2668	1-001	A