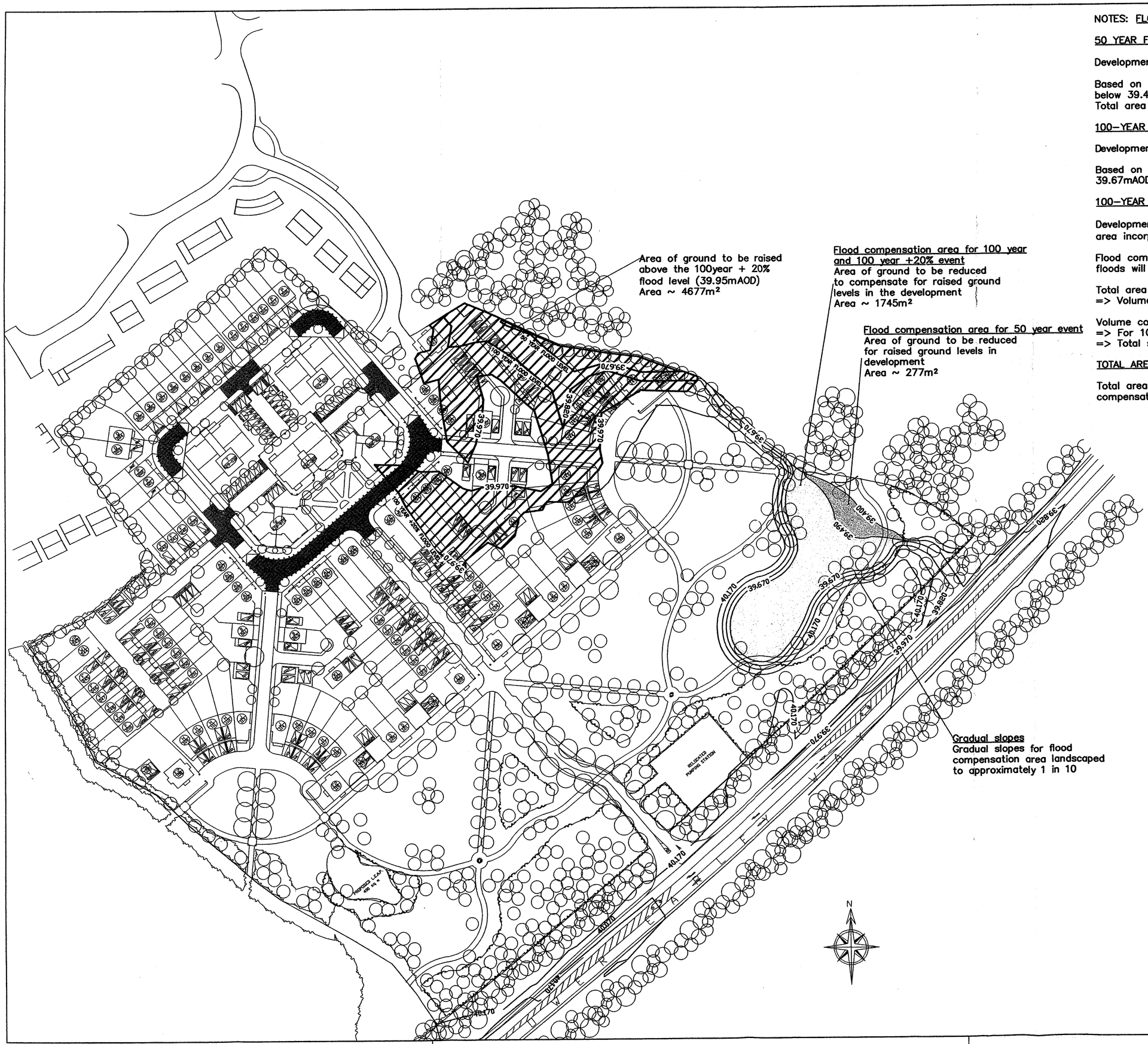
REVISED PLAN

6579



NOTES: FLOOD COMPENSATION AREAS

50 YEAR FLOOD COMPENSATION

Development within the 50–year flood plain = 277m²

Based on level for level flood compensation of 227m² will be reduced to below 39.49mAOD
Total area required for 50–year flood compensation = 227m²

100–YEAR FLOOD COMPENSATION

Development within the 100–year flood plain = 860m²

Based on level for level flood compensation of 860m² will be reduced to 39.67mAOD.

100–YEAR +20% FLOOD COMPENSATION

Development within 100–year +20% flood plain = 3540m² (excluding area incorporated in 100–year compensation)

Flood compensation for floods between 100–year and 100–year +20% floods will be provided based on volume:

Total area = 3540m² at average depth = 0.075m
=> Volume = 265.5m³

Volume compensation will require ground to be lowered to 39.67mAOD
=> For 100–year +20% flood the available depth = 0.3m
=> Total surface area for compensation = 885m²

TOTAL AREA OF FLOOD COMPENSATION

Total area required for 100–year and 100–year +20% flood compensation = 1745m²

RETURN PERIOD	FLOOD LEVEL (mAOD)
50 year	39.67
100 year	39.82
100 year +20% (climate change event)	39.95

Mark	Revision	Drawn	Date	Chkd
G	Revised base plan	so'b	29.11.02	RWR
F	Revised base plan	so'b	22.11.02	RWR
E	Revised base plan	djs	13.11.02	RWR
D	Levels added	djs	31.10.02	RWR
C	Flood compensation areas altered	djs	30.09.02	RWR
B	Revised for new base plan dated 06/09/02	djs	17.09.02	RWR
A	100 Year +20% flood compensation added	djs	10.09.02	RWR

Utilities Note
The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status
THIRD ISSUE

MARSH FARM, LOWER EARLEY READING
PROPOSED LAYOUT SHOWING FLOOD COMPENSATION

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Date	Drawn by	Drawing Number	Revision
APRIL 2002	djs	FIGURE 5	G
A2 Scale 1:1000	Checked by RWR		

J:\12467 Marsh Farm\acad