



Section No	Current Flood Levels (masl)	
	1 in 50 year (250 m <sup>3</sup> /s)	1 in 100 year (307 m <sup>3</sup> /s)
1500	39.75	39.9
1420	39.35	39.46
1340	39.4	39.44
1240	39.37	39.37
1160	39.34	39.26
1080	39.4	39.3
970	39.44	39.44
Bridge	39.53	39.58
945	38.22	38.31
850	38.32	38.49
740	38.15	38.36
640	37.95	38.16
540	37.73	38
440	37.53	37.85
350	37.4	37.74
270	37.39	37.72
200	37.24	37.54
100	36.52	36.73
0	36.4	36.6

Section No	Flood Levels with Infilled Development Area (masl)	
	1 in 50 year (250 m <sup>3</sup> /s)	1 in 100 year (307 m <sup>3</sup> /s)
1500	39.76	39.93
1420	39.41	39.36
1340	39.45	39.47
1240	39.42	39.4
1160	39.4	39.3
1080	39.41	39.26
970	39.38	39.31
Bridge	39.48	39.51
945	38.22	38.31
850	38.32	38.49
740	38.15	38.36
640	37.95	38.13
540	37.73	38
440	37.53	37.85
350	37.4	37.74
270	37.39	37.72
200	37.24	37.54
100	36.52	36.73
0	36.4	36.6

- NOTES:**
- The positions of the floodlines shown on this drawing are approximate. If the positions of the floodlines are to be fixed on the ground the flood levels listed in the table on this drawing should be used.
  - Dotted floodlines indicate uncertainty regarding the positions of the floodlines due to insufficient ground level data or the existence of secondary flow paths.
  - The floodlines refer to water levels and not to energy levels.
  - The recommended raising of the development area has little effect on water levels in locations other than the development area. Both the 1:50 and 1:100 year floodlines are contained by the right hand bank of the canal up to the low level Bet-El School Bridge.

**LEGEND:**

	1:50 year floodline
	1:100 year floodline
	Estimated 1:50 and 1:100 year floodline
	Post infill position of 1:50 and 1:100 year floodline
	Cross section

No	AMENDMENTS	APPR.	DATE
SURVEYED	xxx		
SURVEY PLOTTED	MM		
DRAWN	DMB		
DRAWING CHECKED	CW		

*R. J. ...*  
**PROJECT MANAGER**  
 DATE 4 SEPTEMBER 2007

*Brian H. ...*  
**PROJECT DIRECTOR**  
 DATE 4 SEPTEMBER 2007



**SHINING OAKS**

**PROPOSED SHINING OAKS DEVELOPMENT**

**KUILS RIVER  
1:50 AND 1:100 YEAR FLOODLINES**

SCALE 1:2500	SHEET 1 OF 1
DRAWING No 402198 CT 1	

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