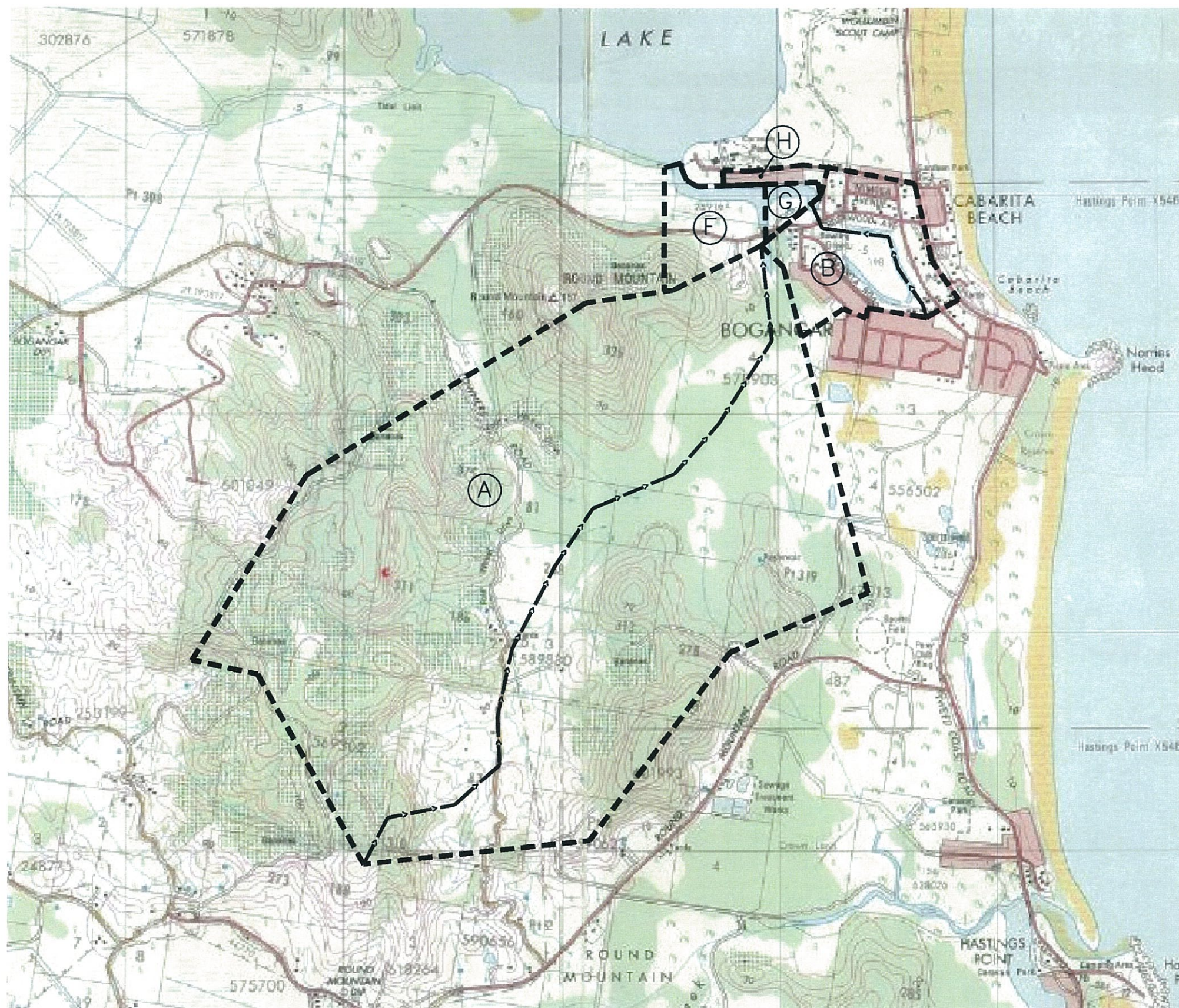




LEGEND

---	CATCHMENT AREA
→	FLOW PATH
(A)	CATCHMENT A (4.86km ²)
(B)	CATCHMENT B (0.42km ²)
(F)	CATCHMENT F (0.18km ²)
(G)	CATCHMENT G (0.04km ²)
(H)	CATCHMENT H (0.03km ²)

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FIGURE No. 5.0

EXTERNAL CATCHMENT AREAS

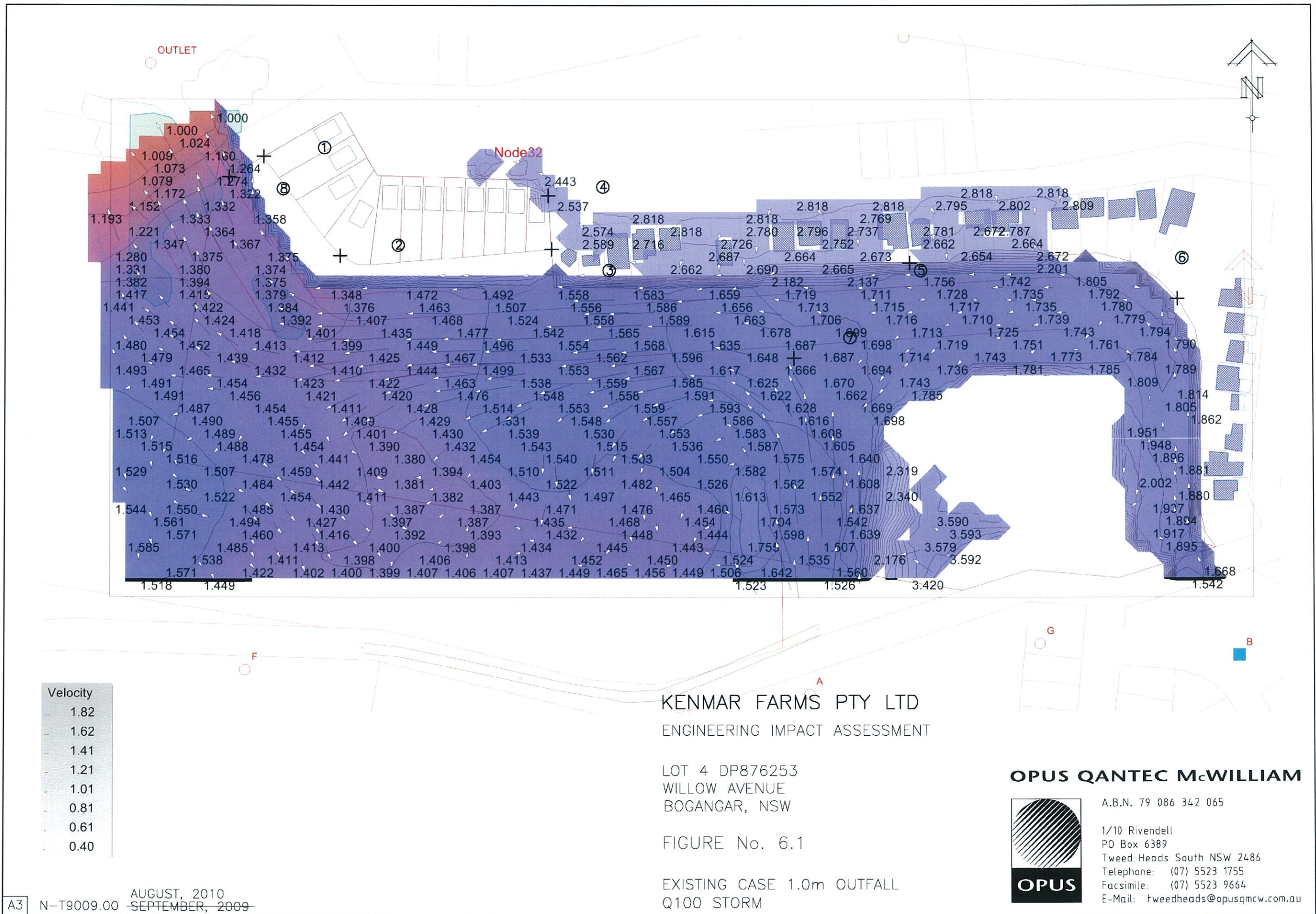
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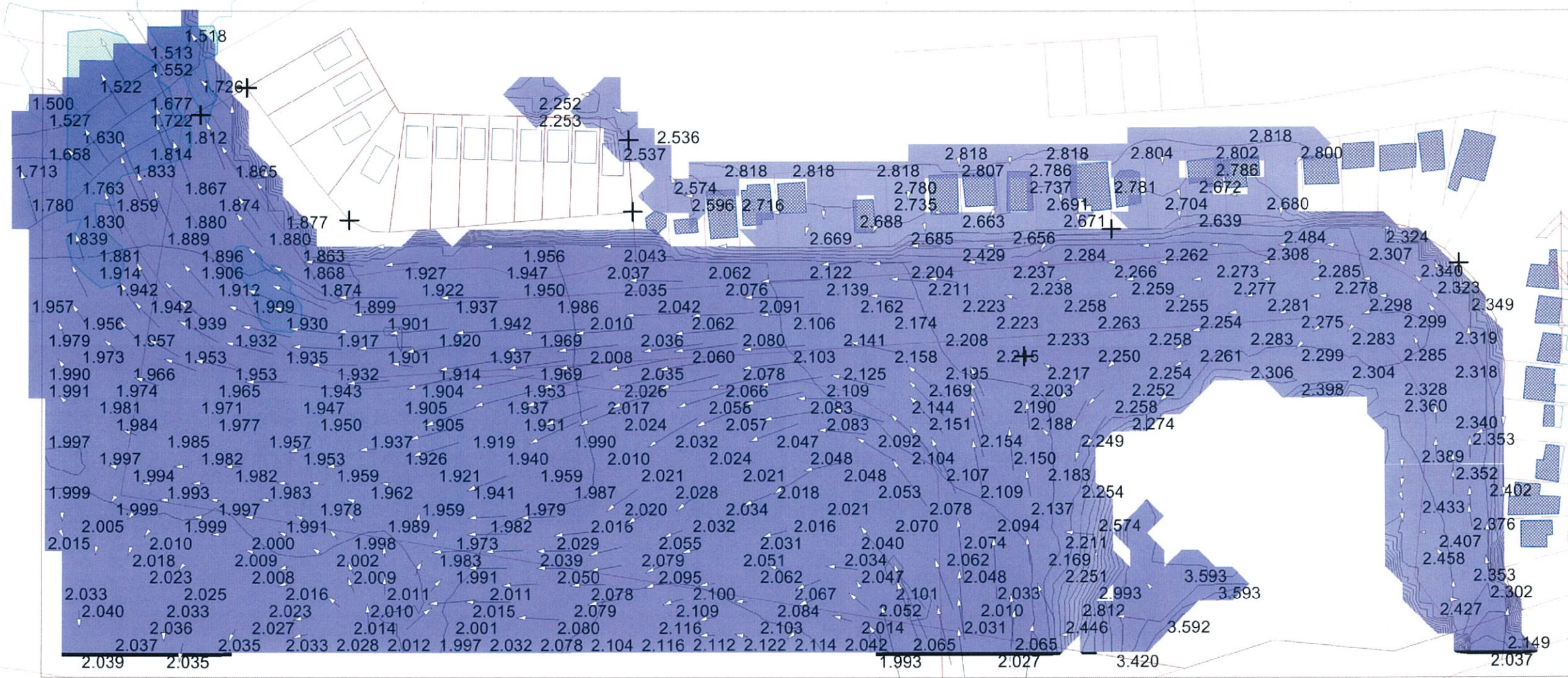
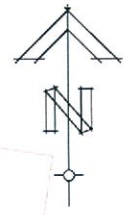


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SOURCE: TOPOGRAPHIC MAP 1:25,000 SECOND EDITION "CUDGEN 9641-3-N" - CENTRAL MAPPING AUTHORITY OF NEW SOUTH WALES

0 200 400 600 800 m
1:20,000 UNREDUCED





Velocity	
—	2.55
—	2.26
—	1.98
—	1.70
—	1.41
—	1.13
—	0.85
—	0.57

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FIGURE No. 6.2

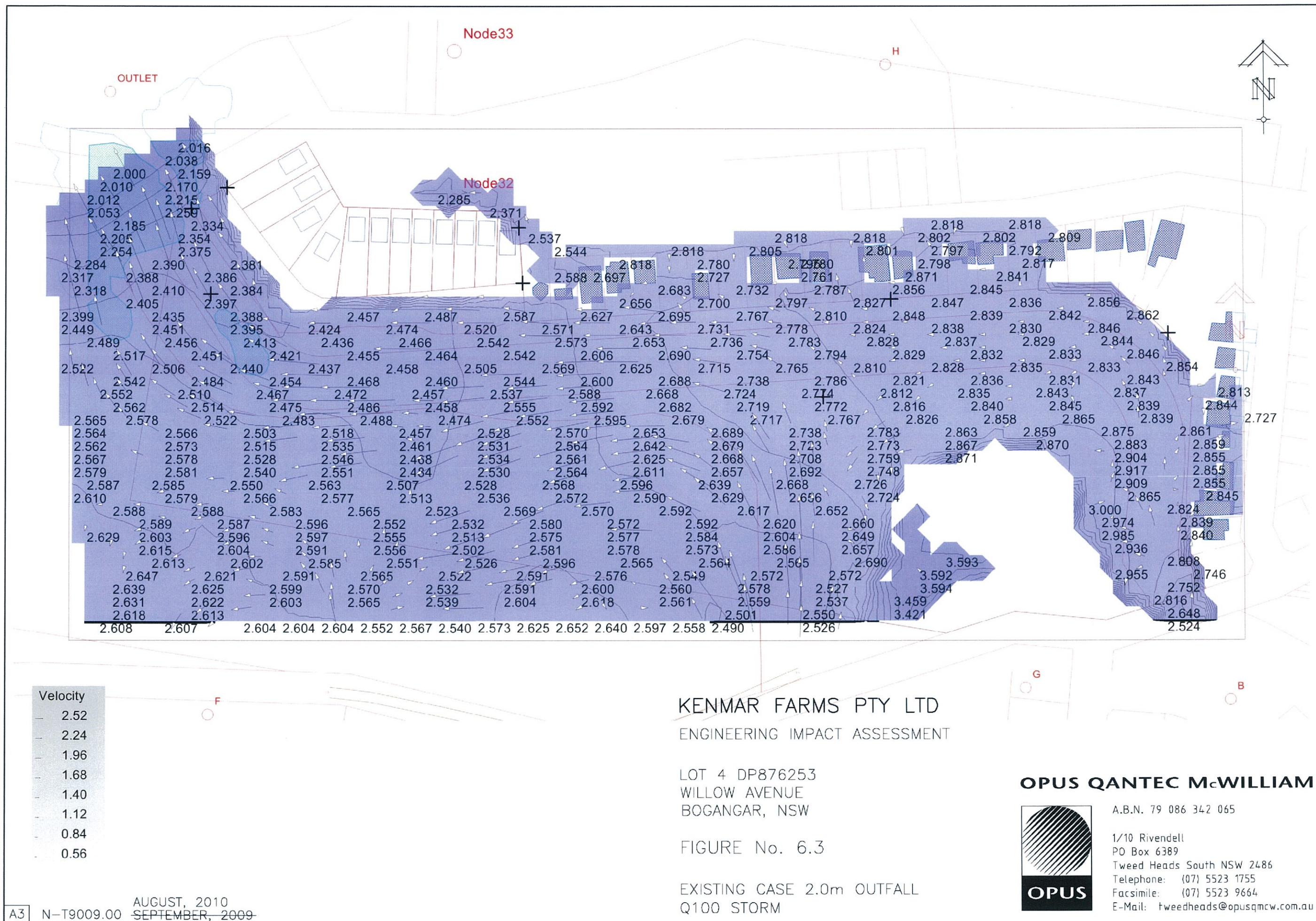
EXISTING CASE 1.5m OUTFALL
Q100 STORM

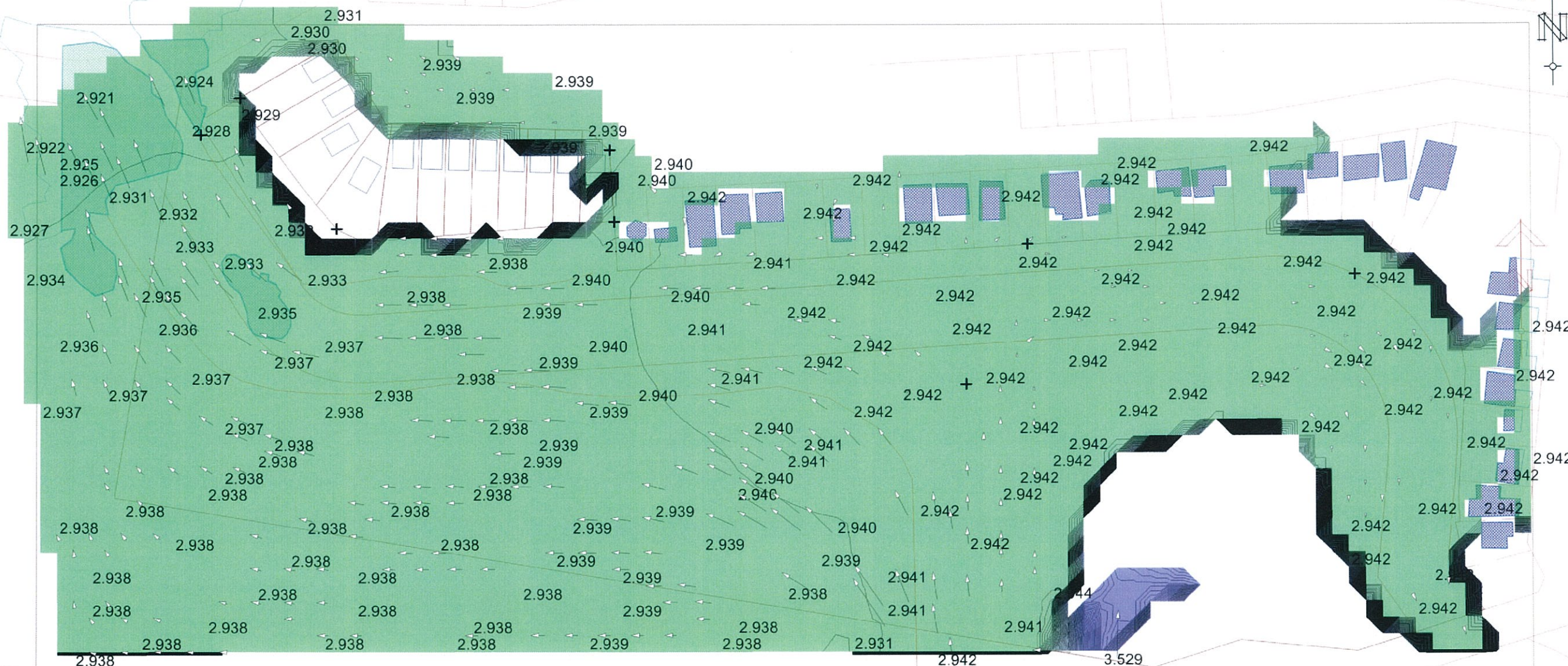
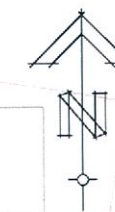
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Velocity
2.70
2.40
2.10
1.80
1.50
1.20
0.90
0.60

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FIGURE No. 6.4

EXISTING CASE 2.92m OUTFALL
Q100 STORM

OPUS QANTEC McWILLIAM



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AUGUST, 2010
JULY, 2010
SEPTEMBER, 2009