GWRC Pinehaven Stream Flood Calculations for All Sub-Catchments (includes Climate Change)

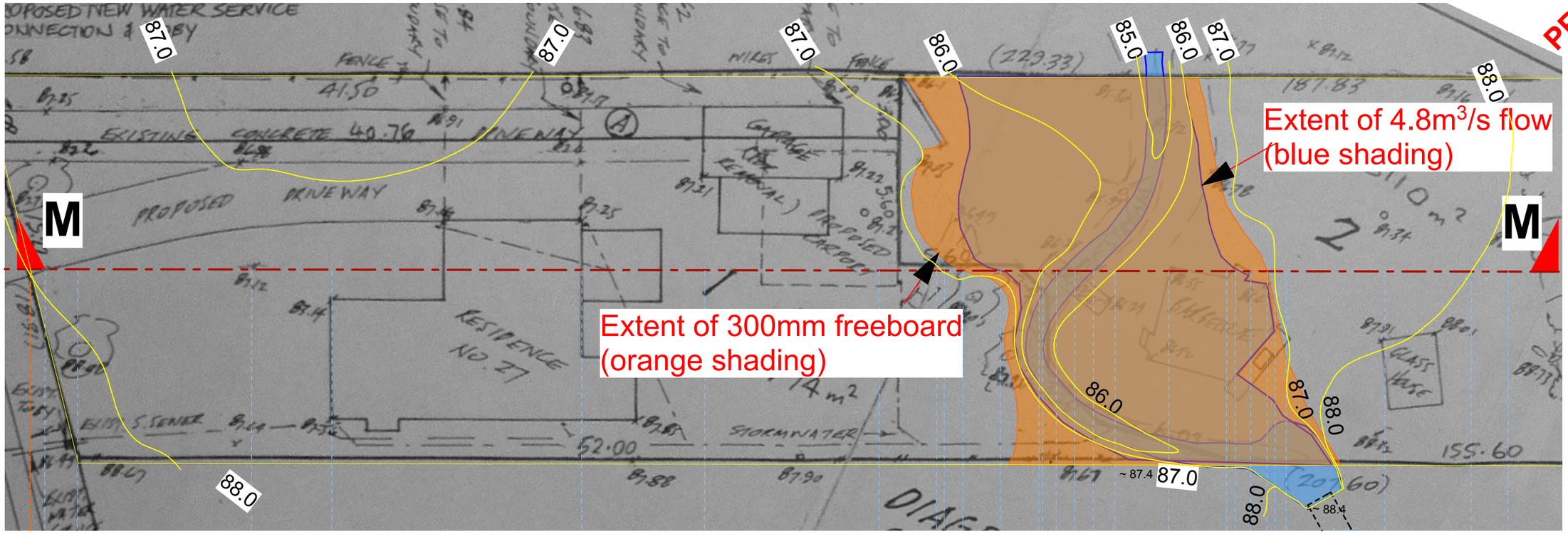
A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
2.534386	3.070882	1.606346	2.135655	2.250476	2.718146	1.776157	1.892866	0.964157	1.514168	1.635654	1.22115	0.761737	0.875657	1.196021

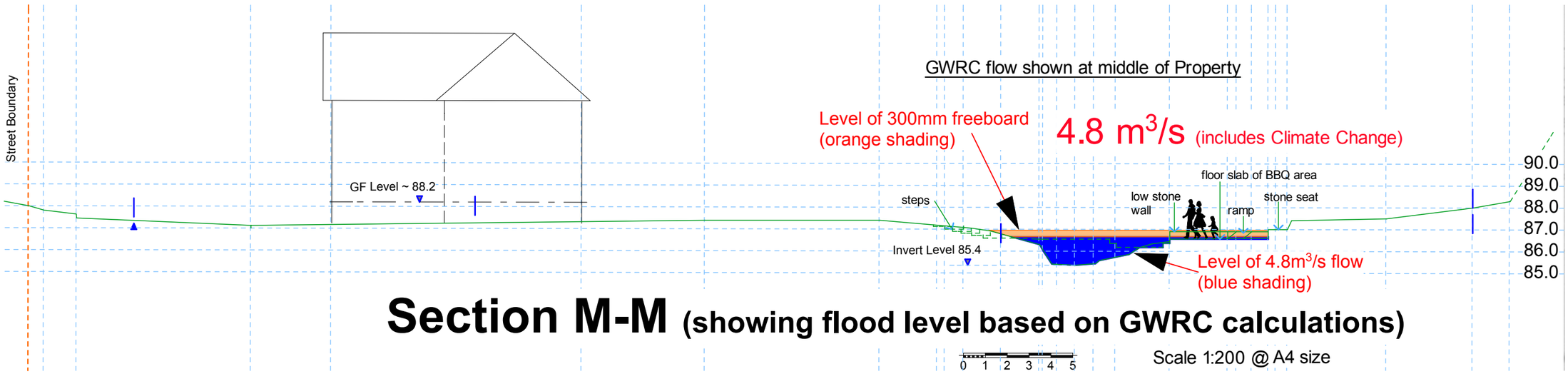
GWRC spreadsheet shows the discharge for sub-catchments A + F = 5.25 m^3/s (which includes climate change).

Based on MWH / GWRC calculations
the 1/100 yr flow at 27 Elmslie Rd is approx.:

100ha / 109 ha x 5.25 m^3/s = **4.8 m^3/s**
(which includes climate change)

PRELIMINARY





Section M-M (showing flood level based on GWRC calculations)

Scale 1:200 @ A4 size

Secton MM (through middle of 27 Elmslie Road) 1:200

#Architect Full Address
PHONE: #Architect Phone Number
FAX: #Architect Fax
#Architect E-mail
#Architect Web

CASE STUDY 1: based on GWRC CALCULATIONS
Cross-Section of GWRC Calculations
27 Elmslie Road, Pinehaven

SHEET TITLE: Case Study 1_Calcs
REVISION #:
ISSUED: 23/12/14
PROJECT #: #Pln
SHEET 1

Co-Design Architects Ltd