



ANNEX 1

HEC-RAS SOLUTIONS



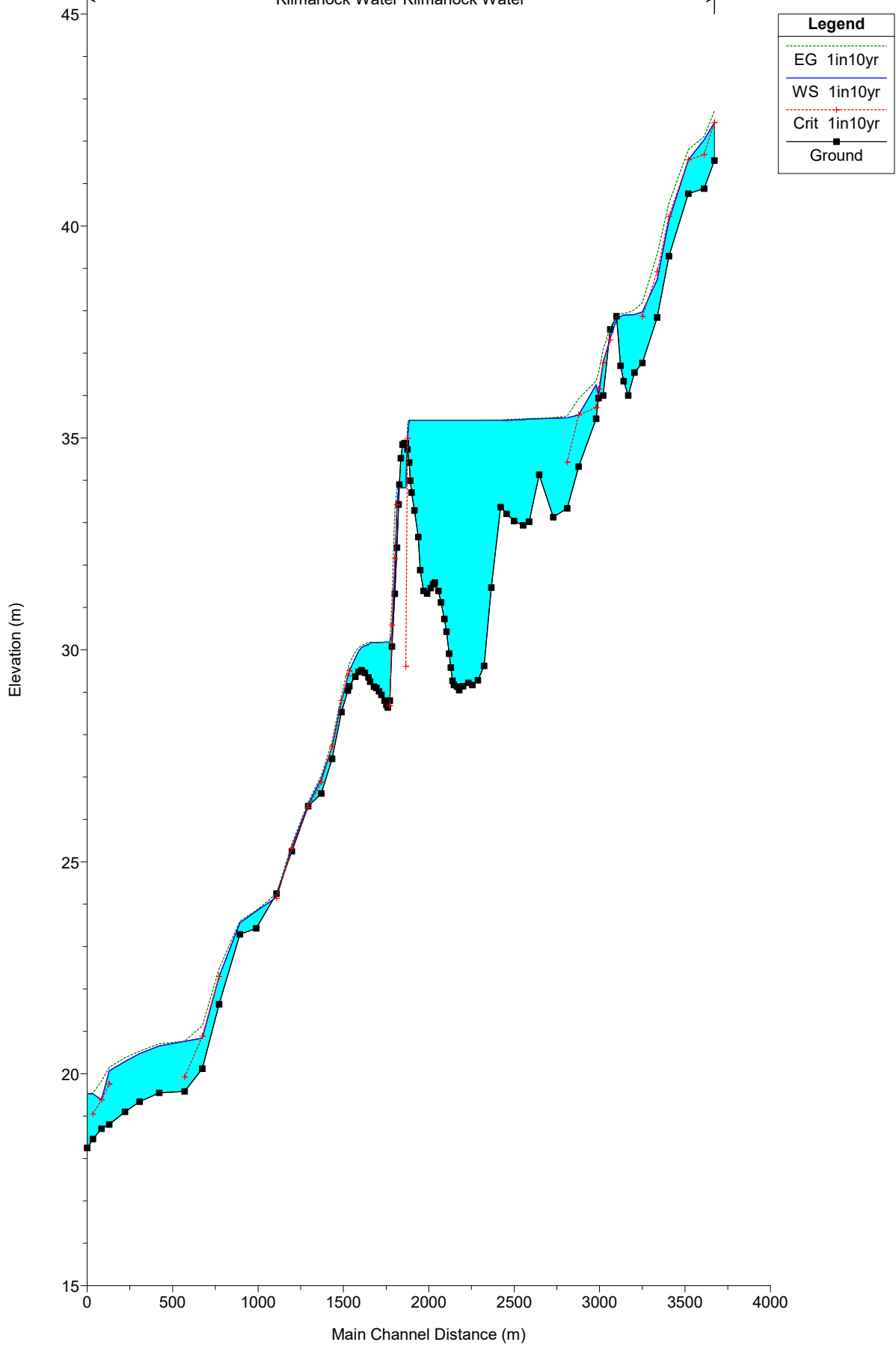
10 YEARS RETURNING
PERIOD
PROFILE
CROSS SECTIONS

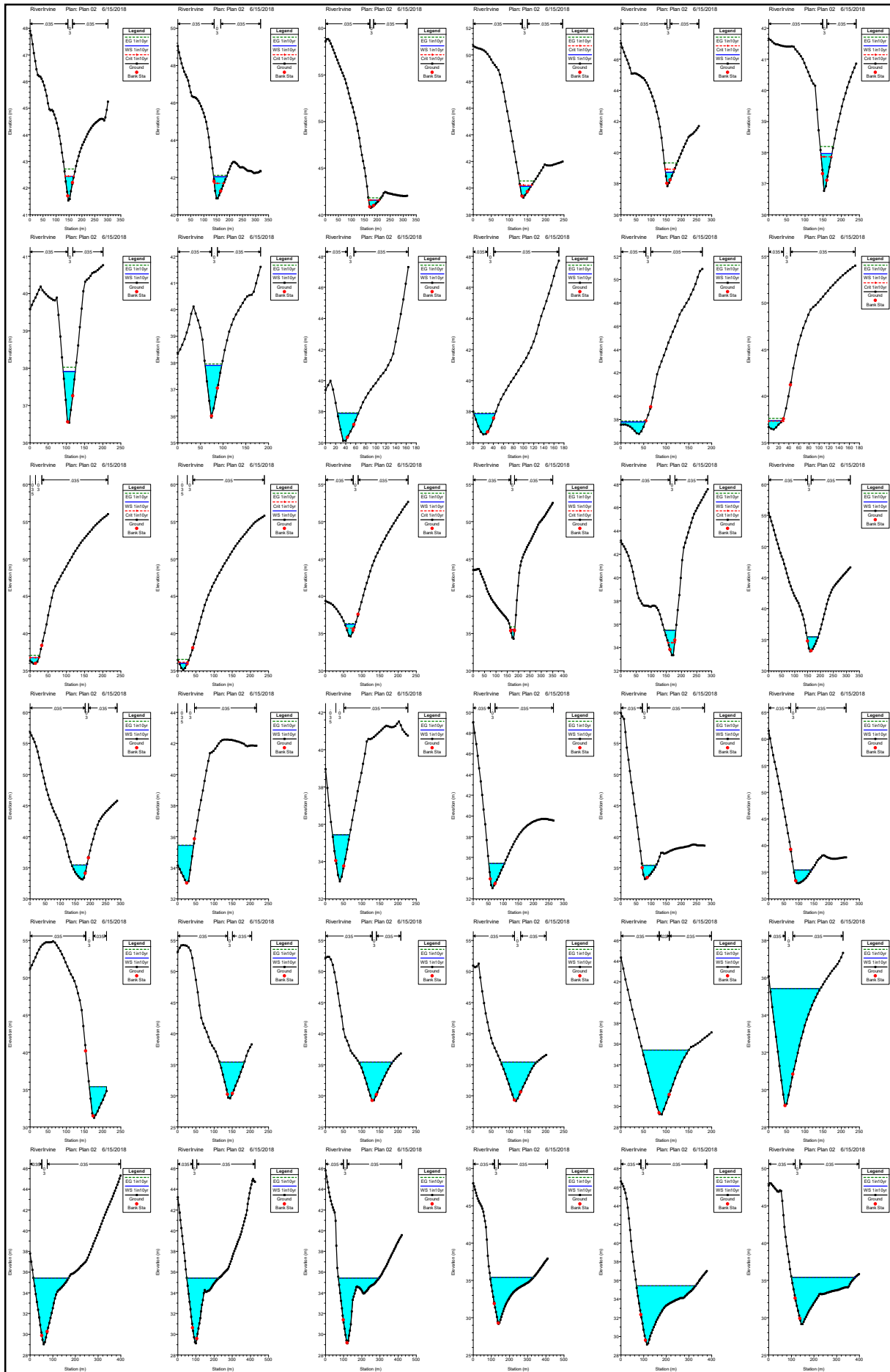


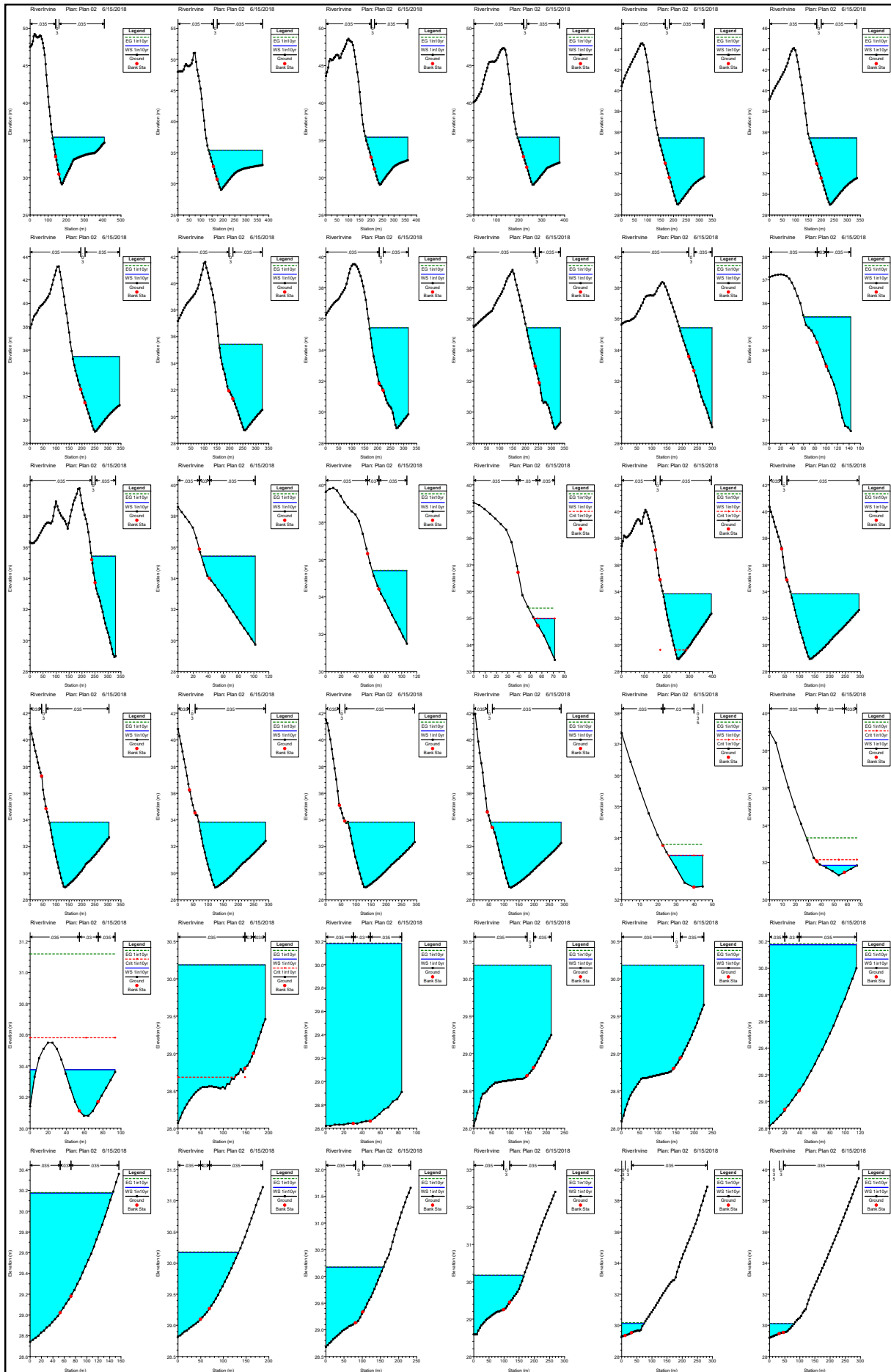
KILMARNOCK

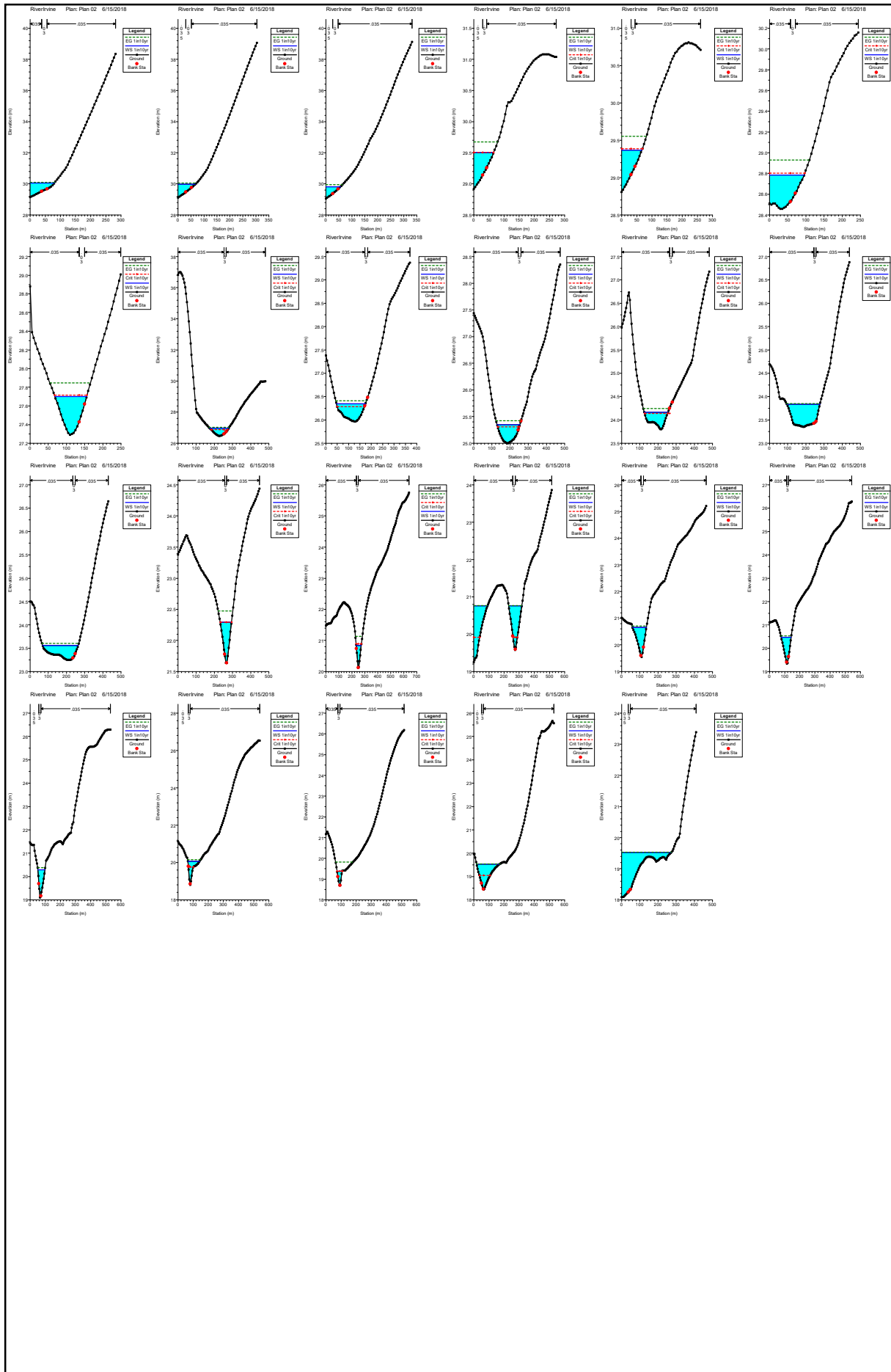
RiverIrvine Plan: Plan 02 6/15/2018

Kilmanock Water Kilmanock Water







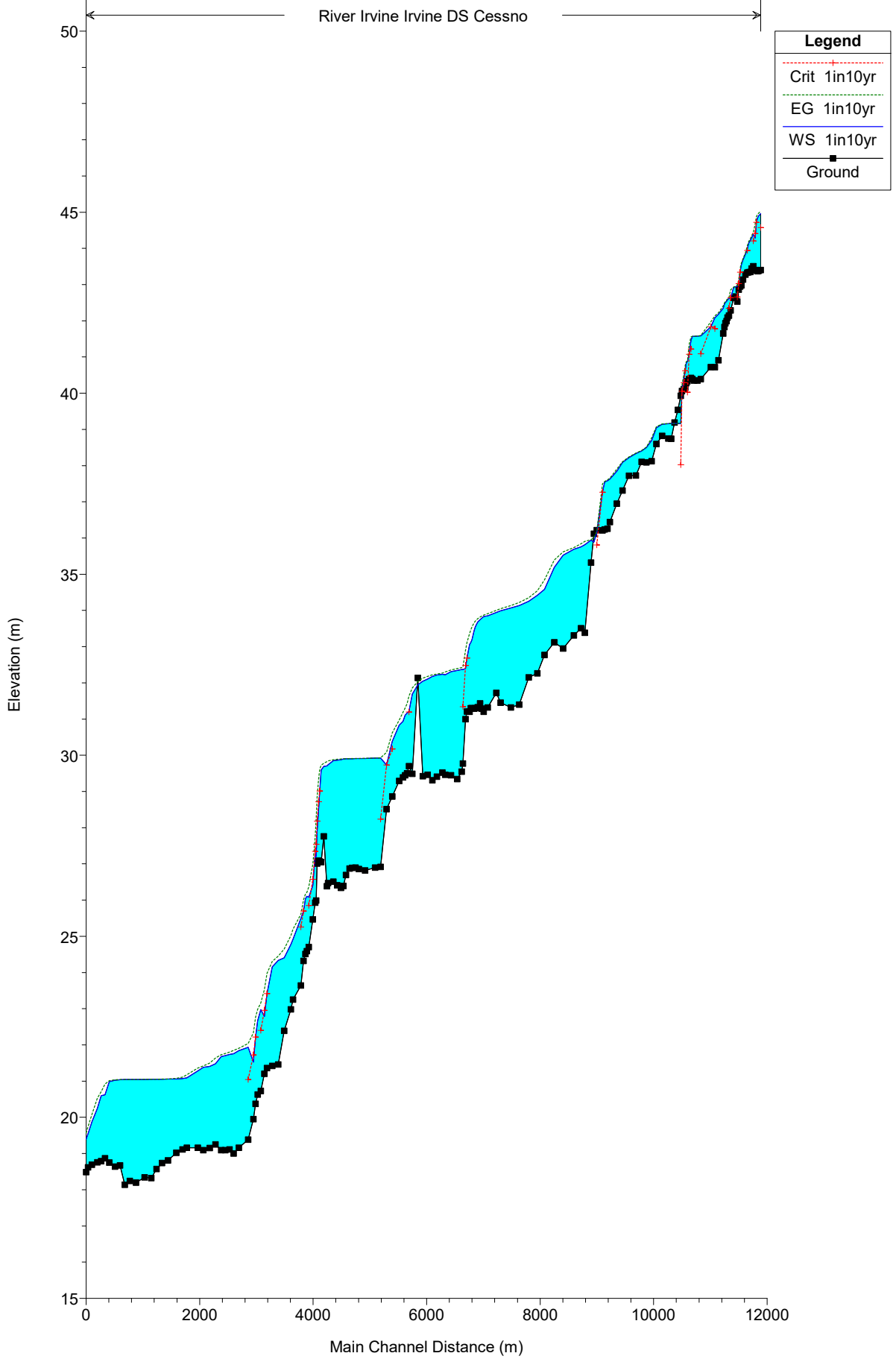




IRVINE DS CESSNO

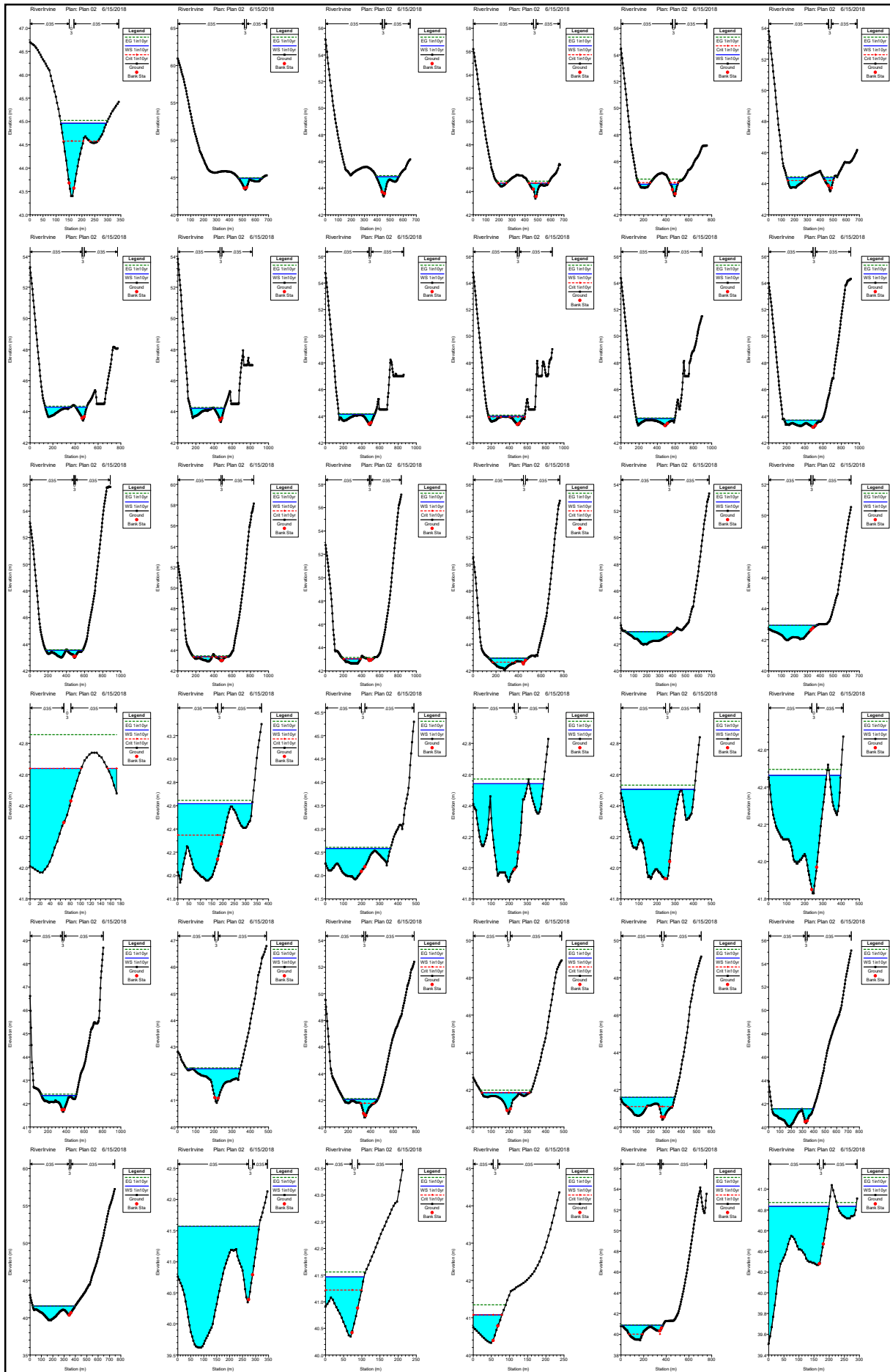
RiverIrvine Plan: Plan 02 6/15/2018

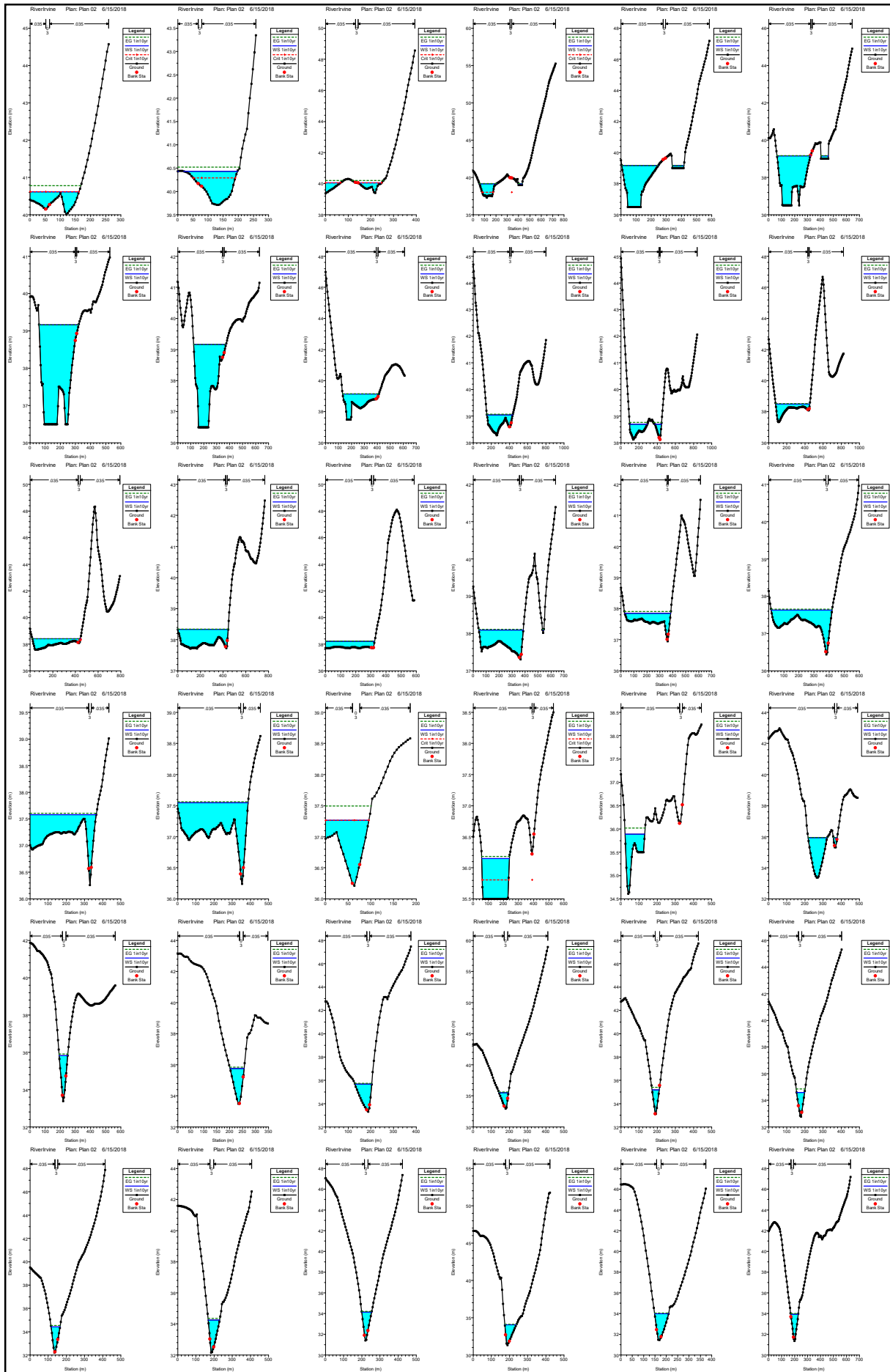
River Irvine Irvine DS Cessno

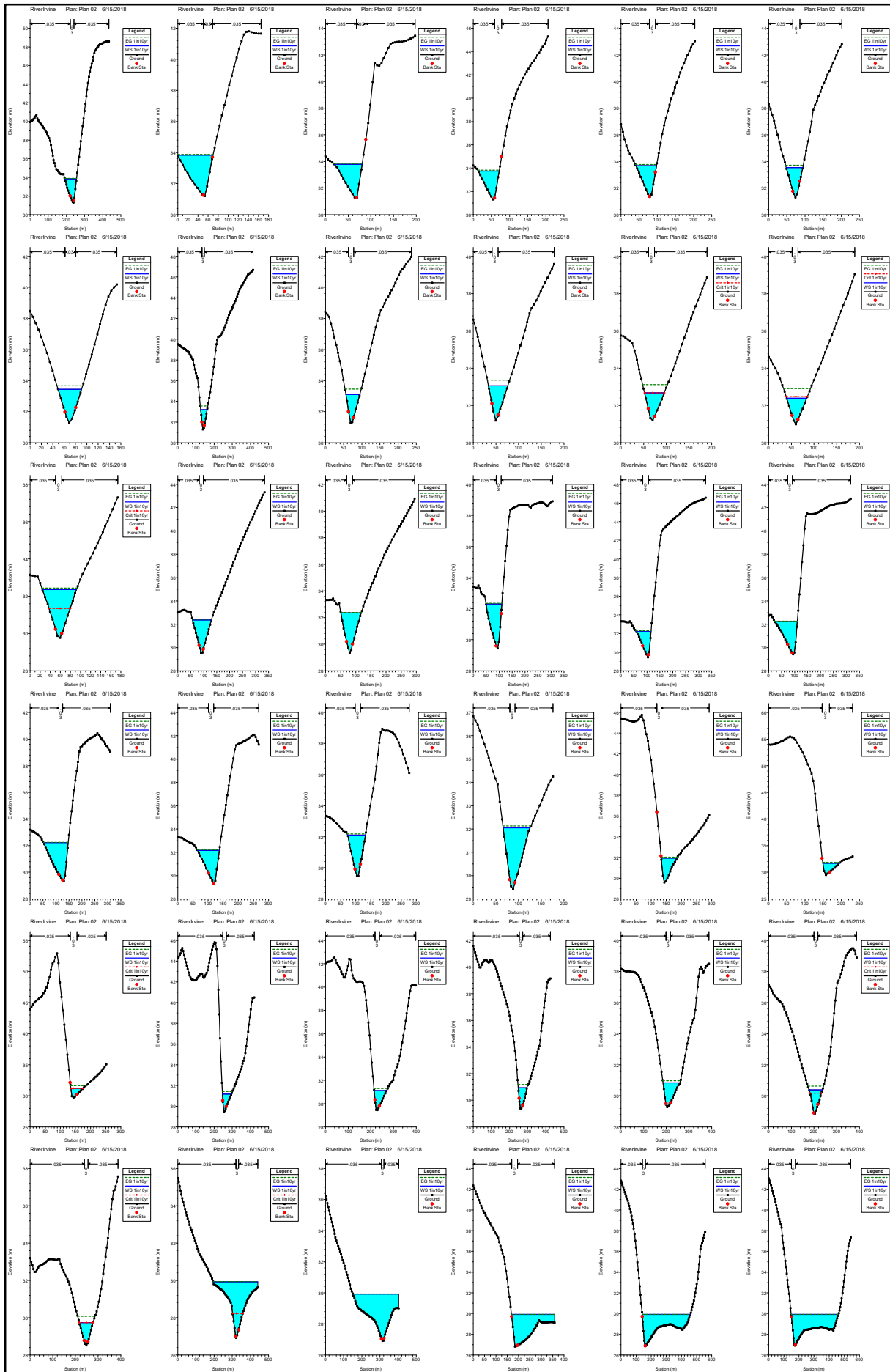


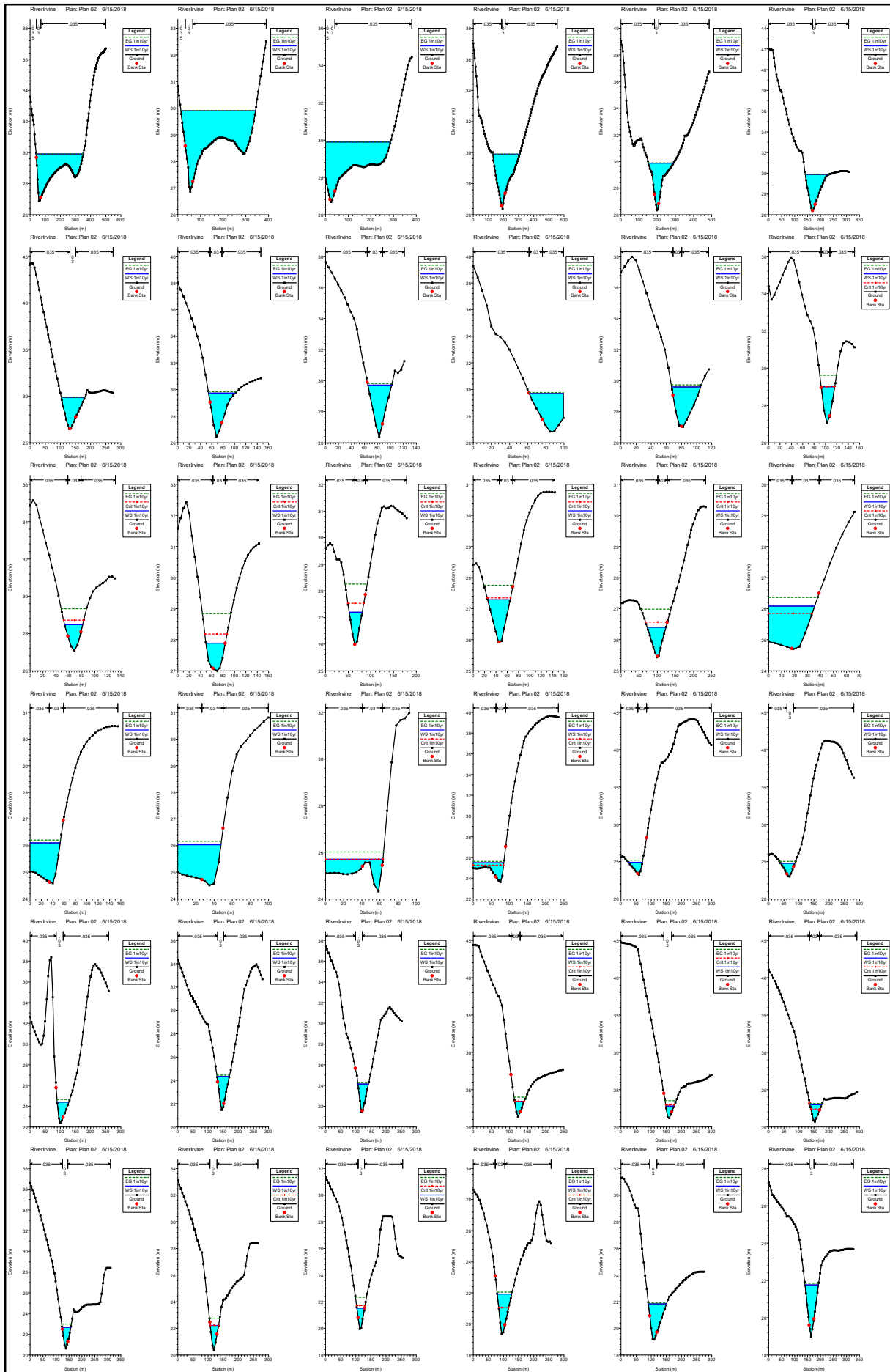
Legend

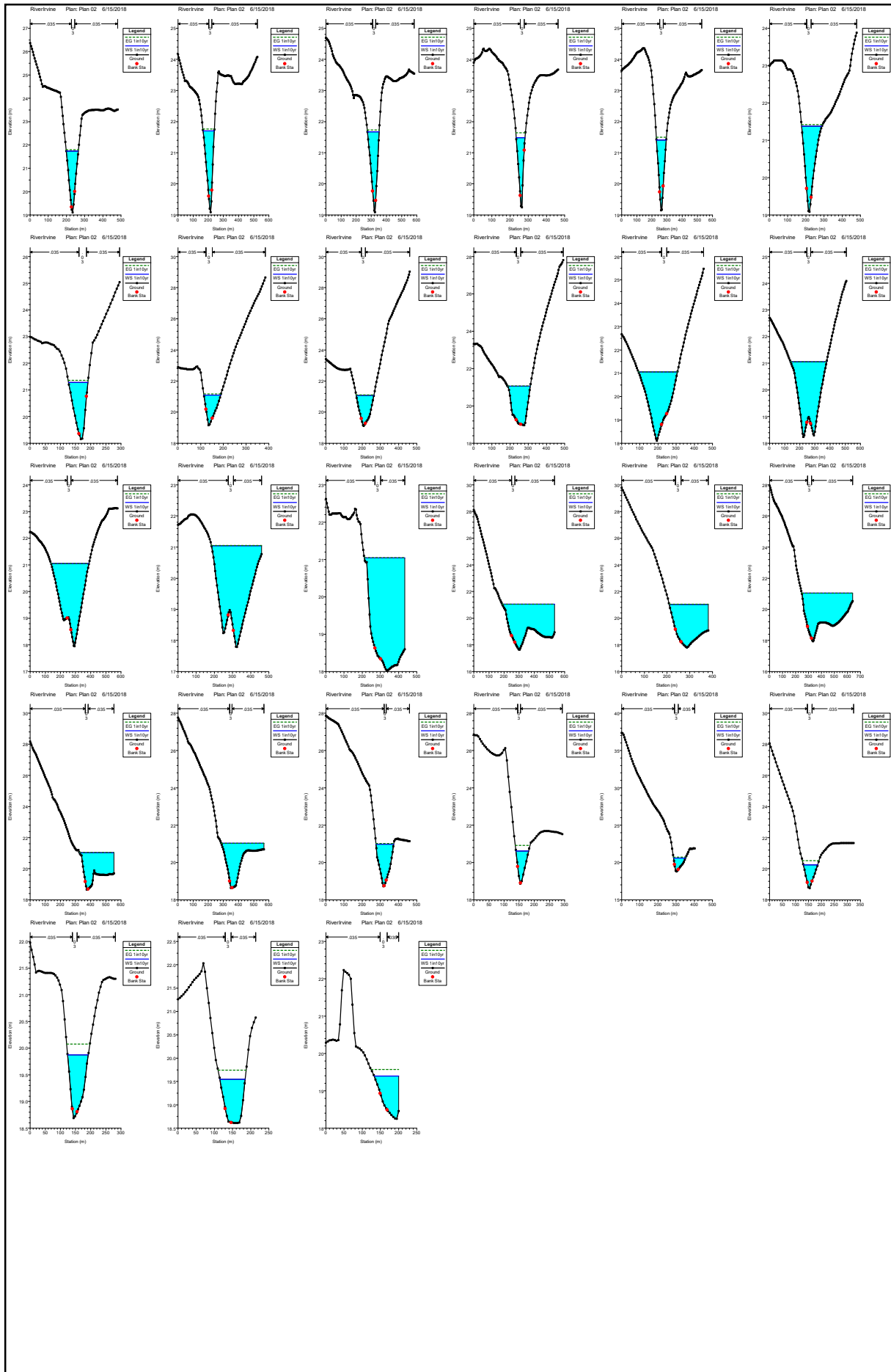
- Crit 1in10yr
- EG 1in10yr
- WS 1in10yr
- Ground







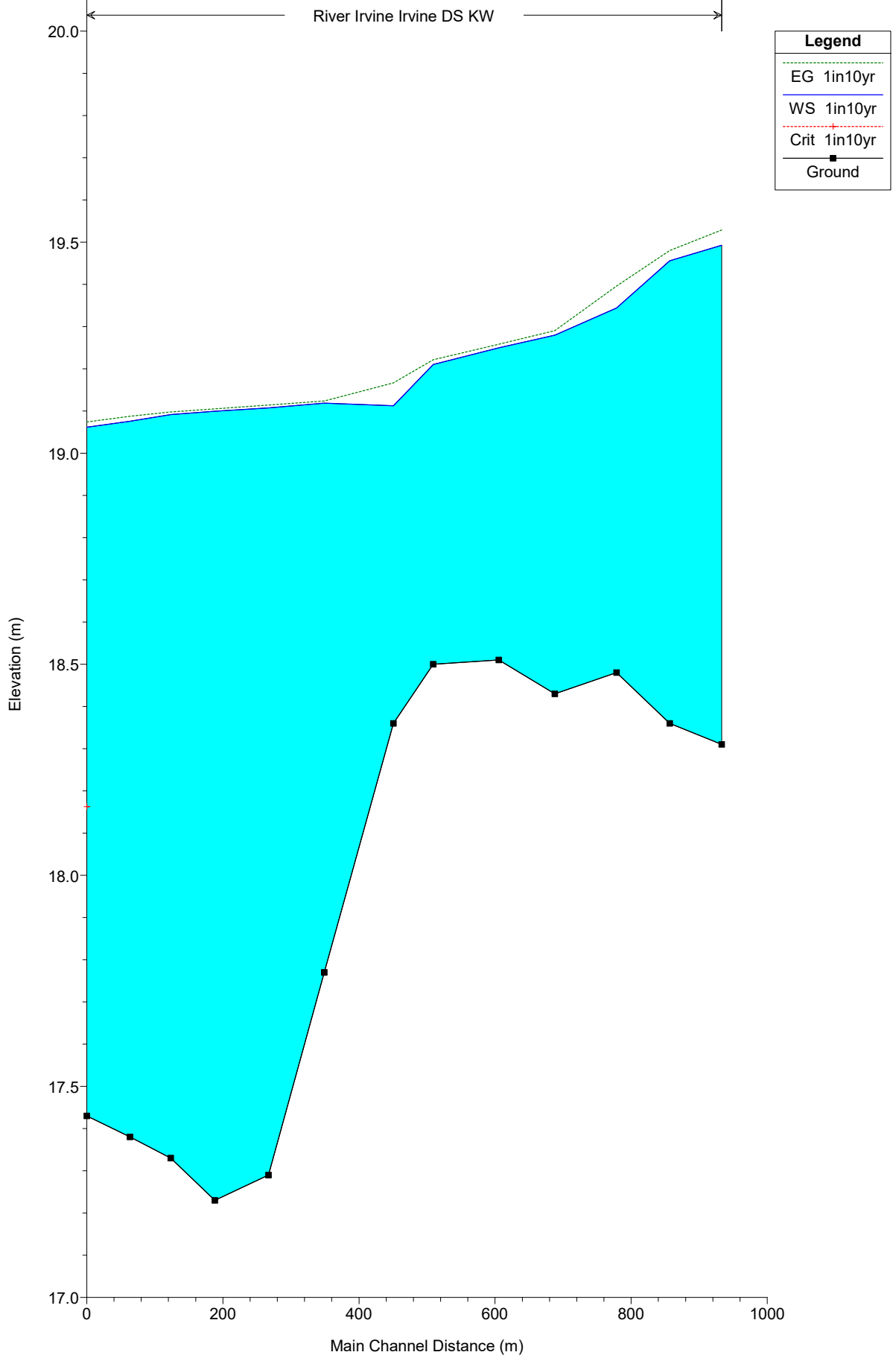


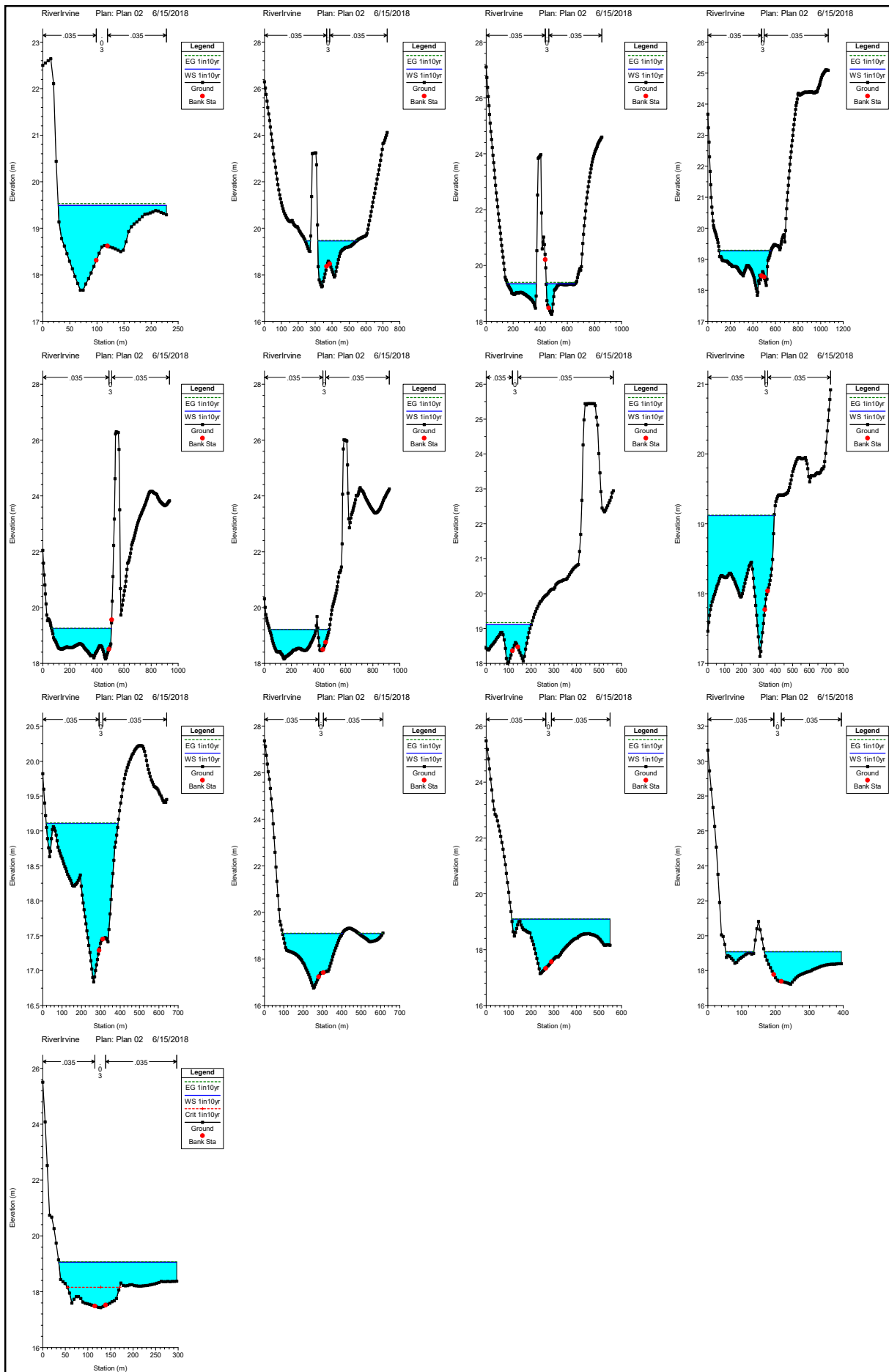




IRVINE DS KW

River Irvine Irvine DS KW







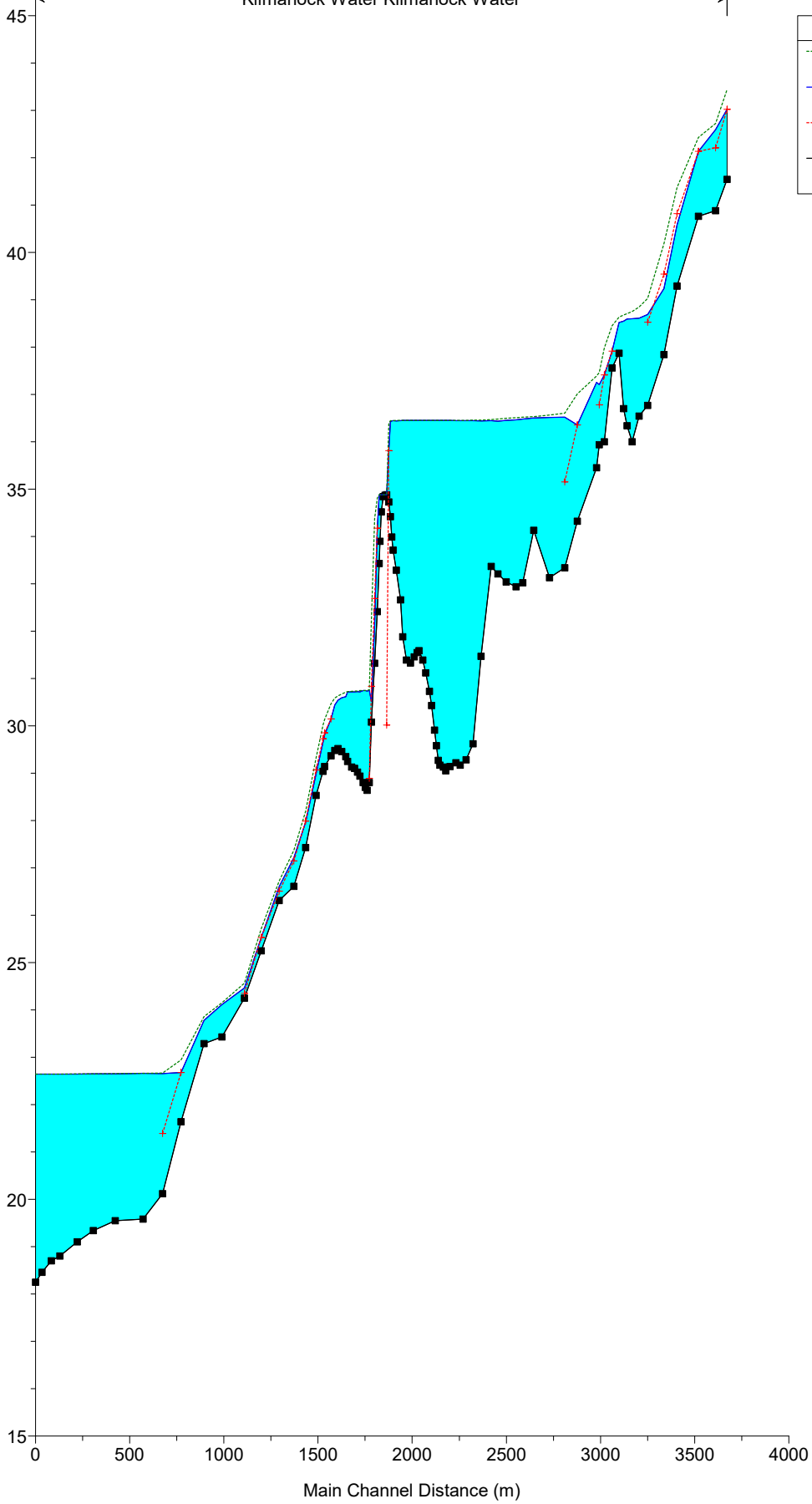
100 YEARS RETURNING
PERIOD
PROFILE
CROSS SECTIONS

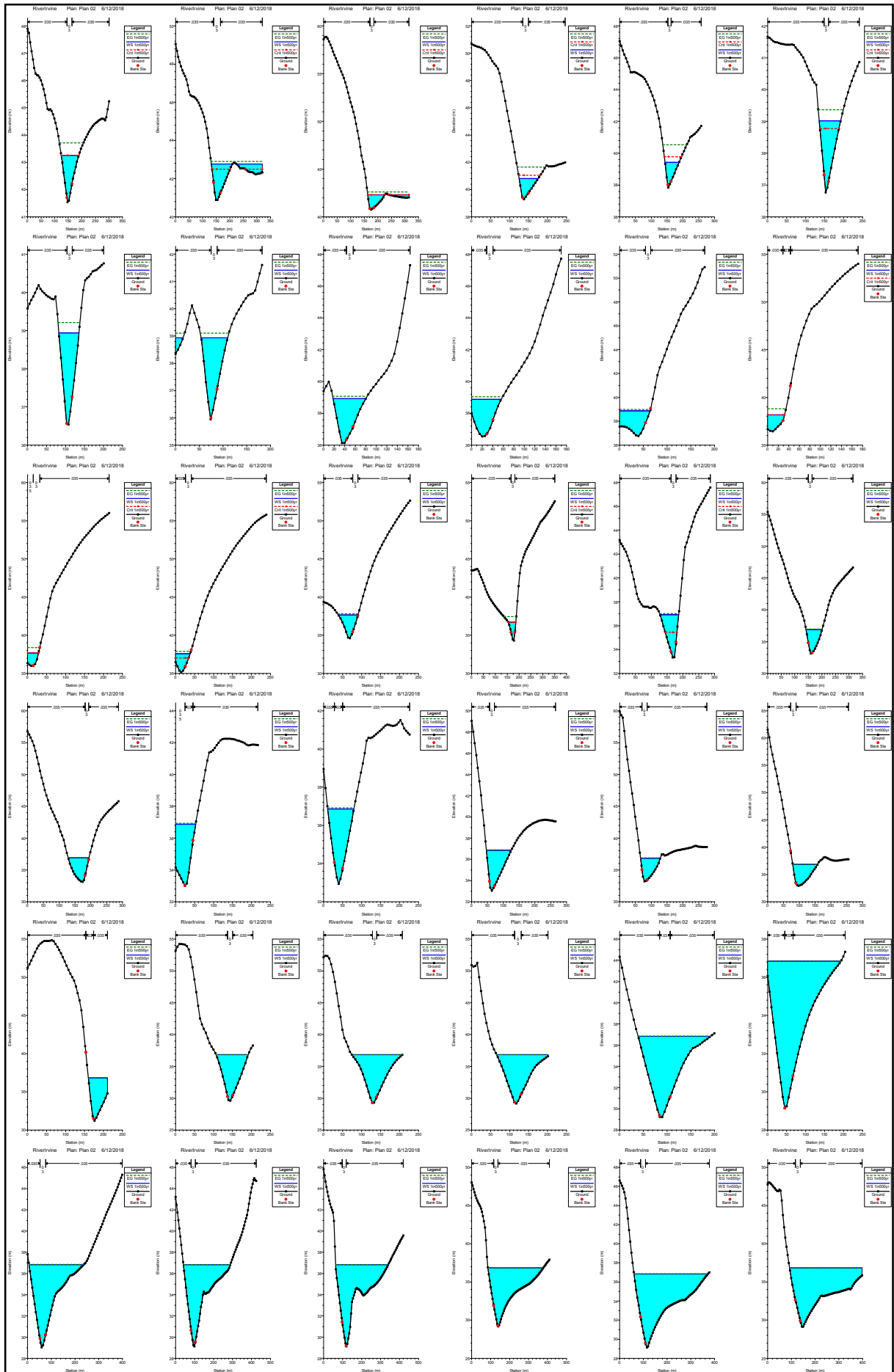


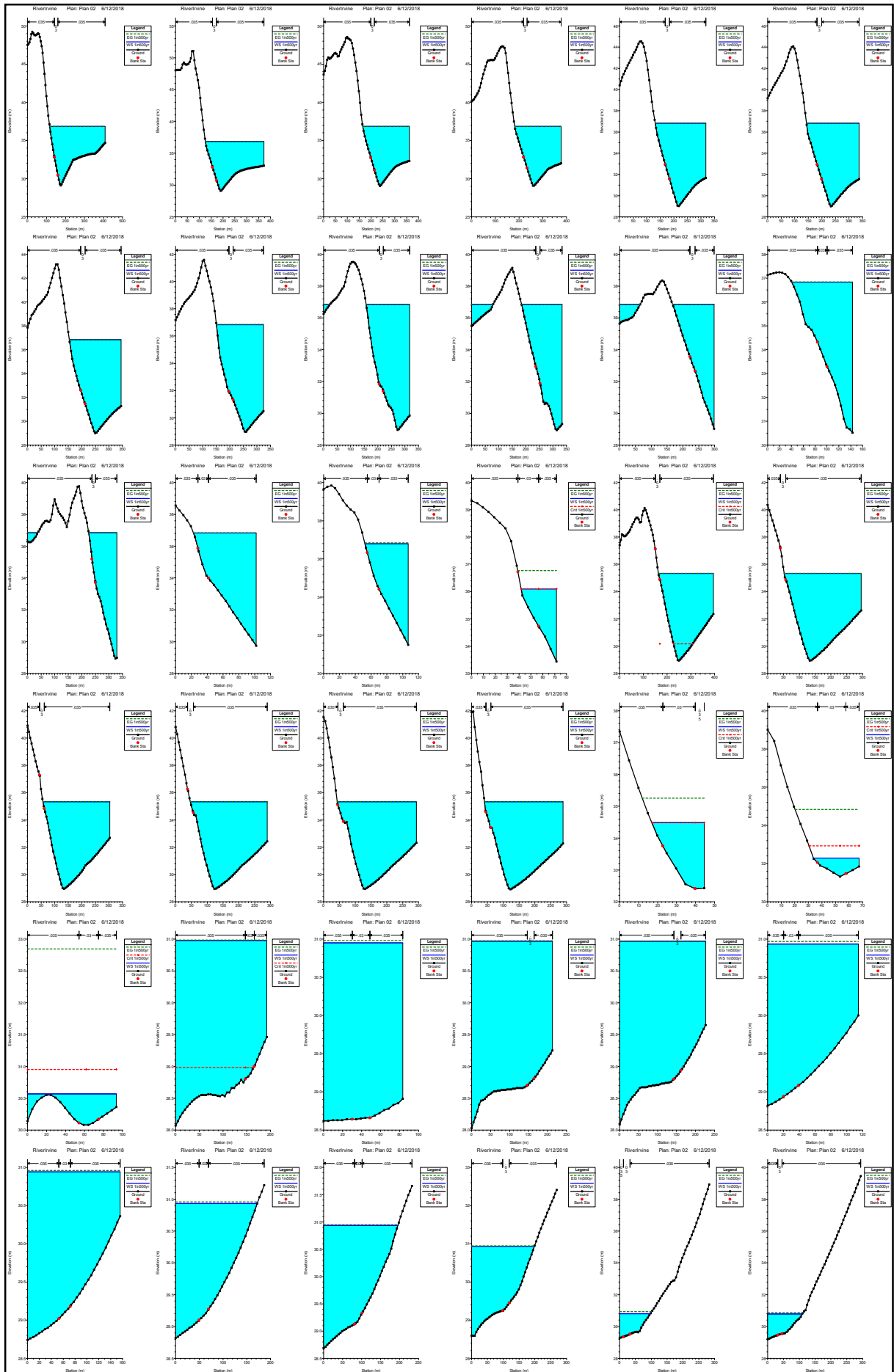
KILMARNOCK

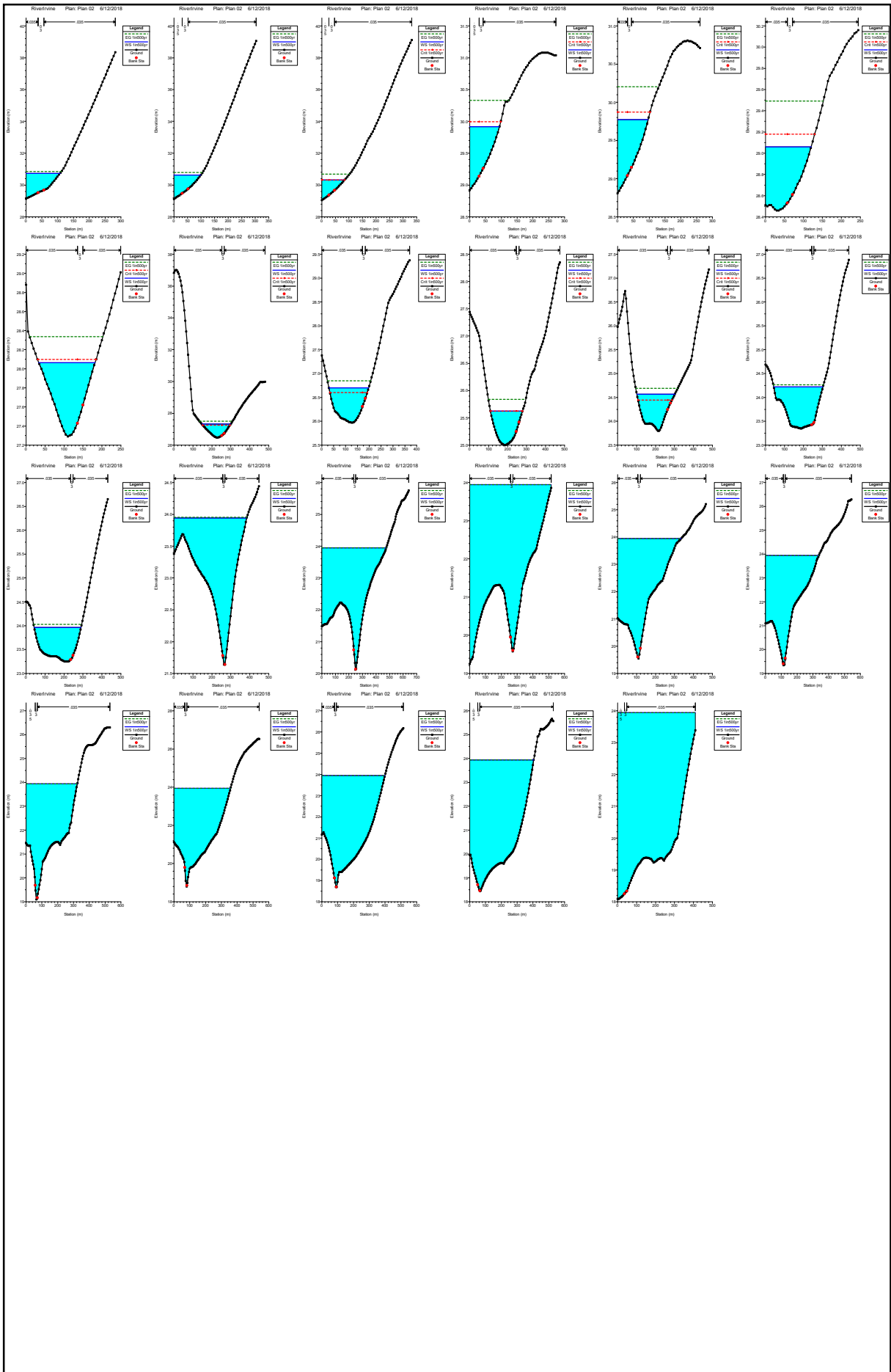
Kilmanock Water Kilmanock Water

Elevation (m)





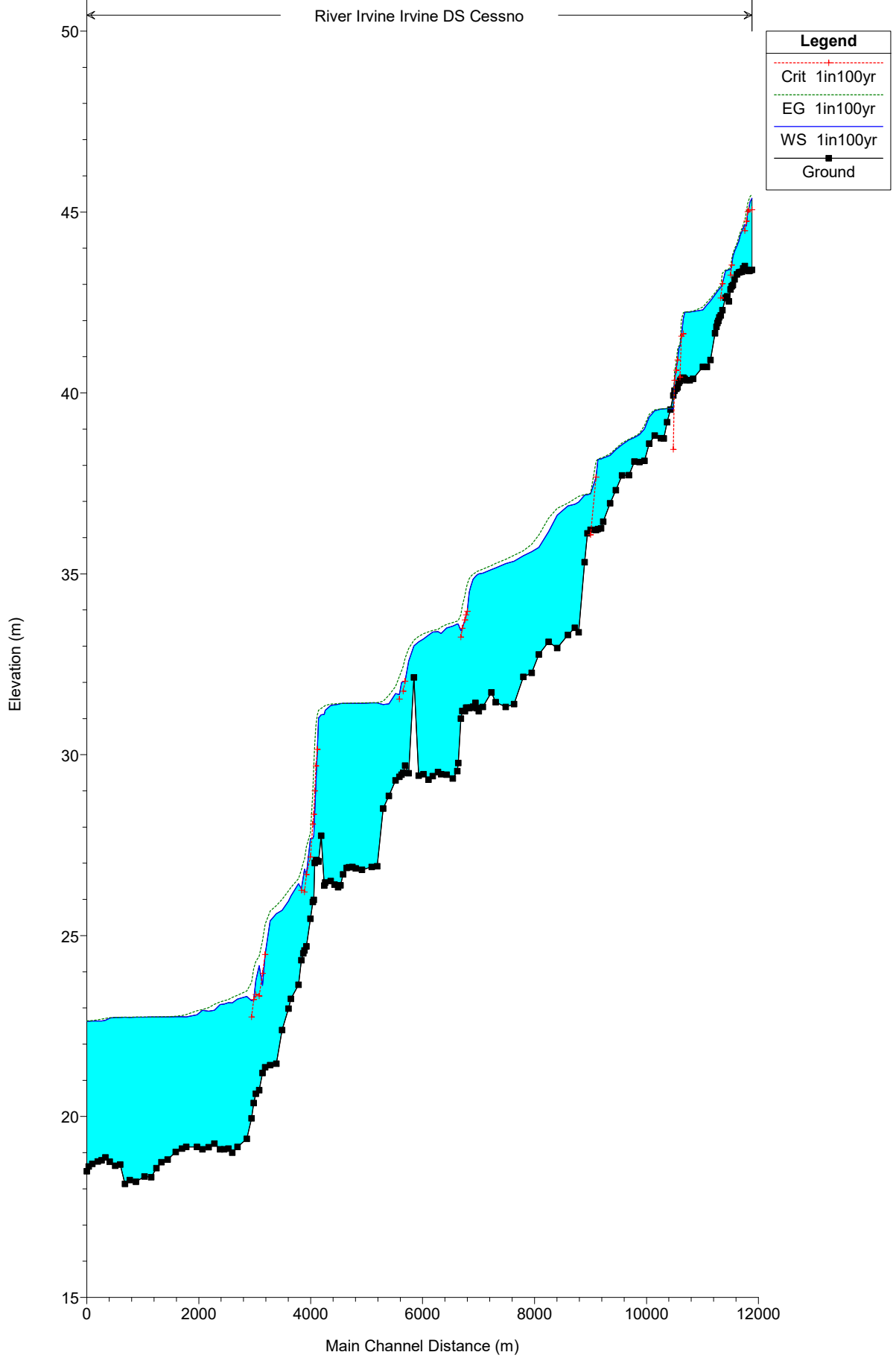


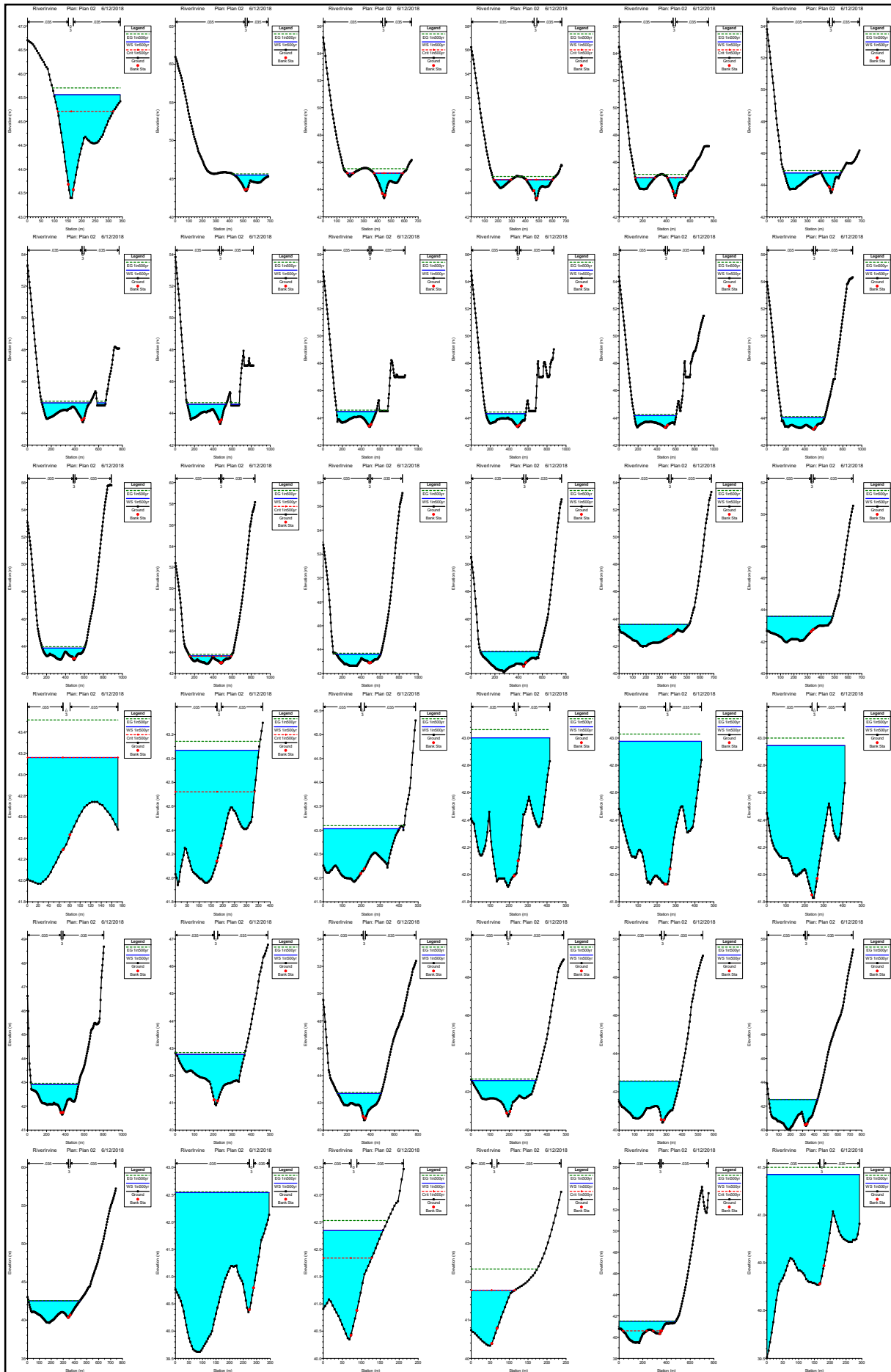


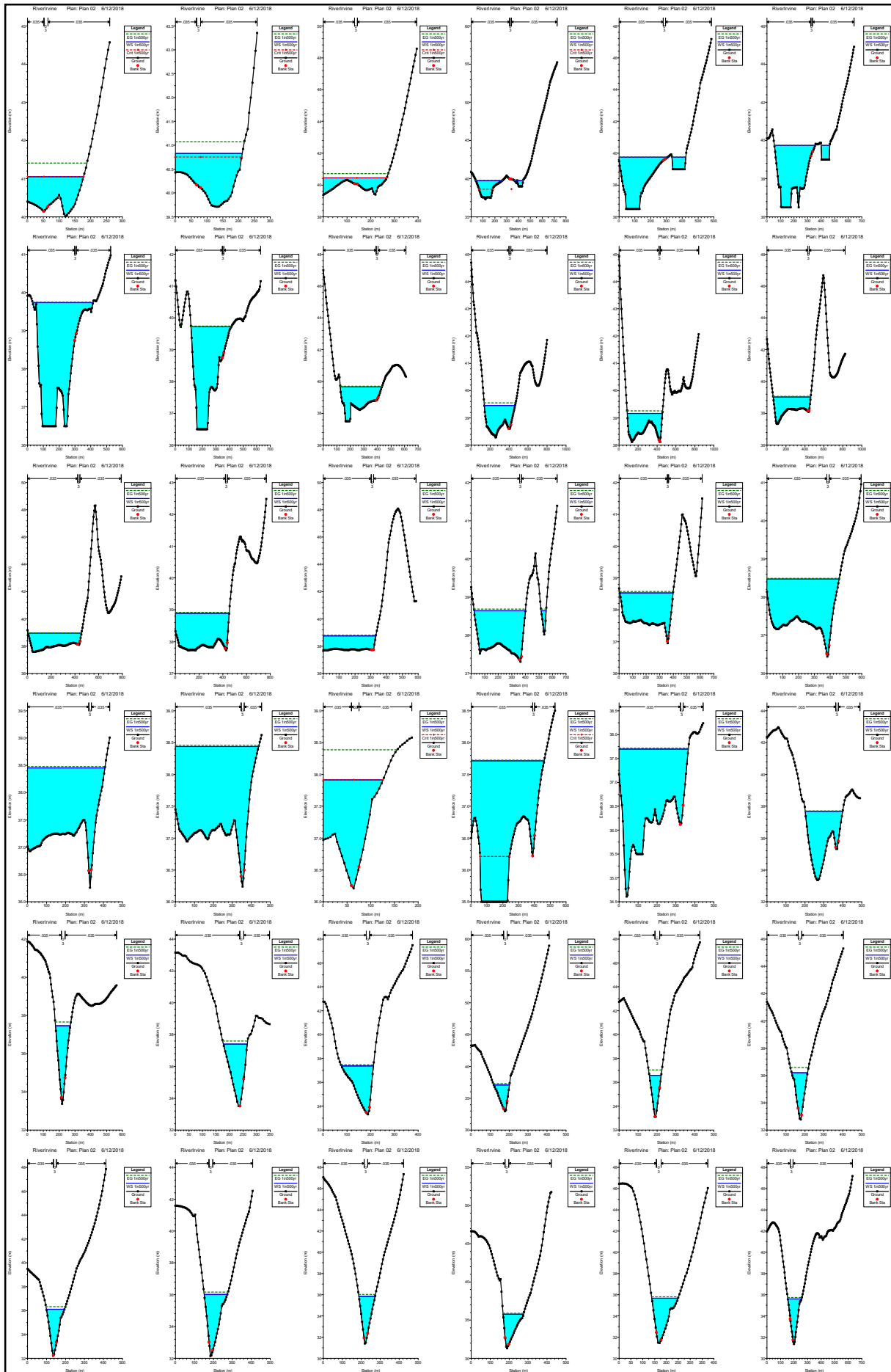


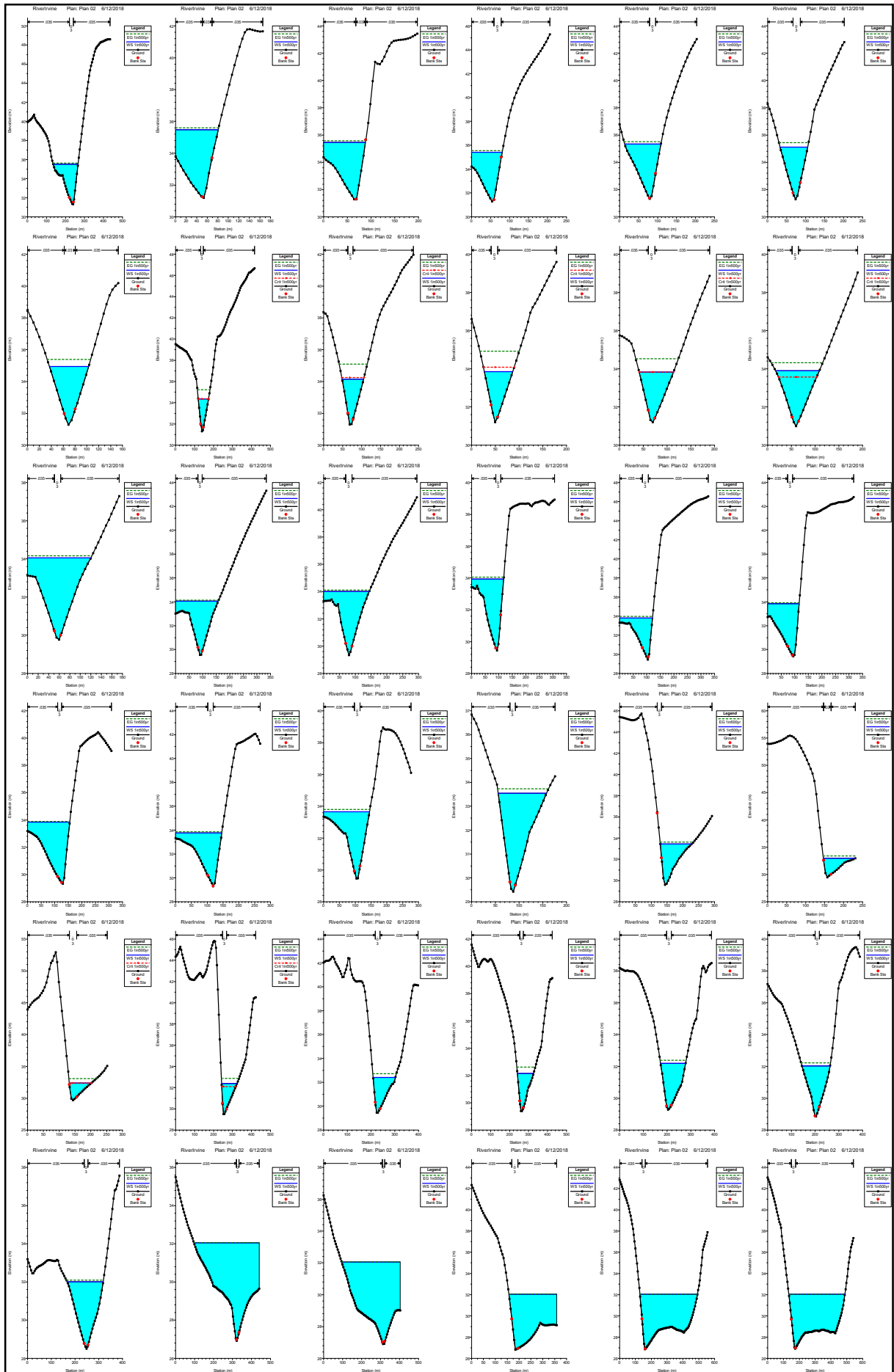
IRVINE DS CESSNO

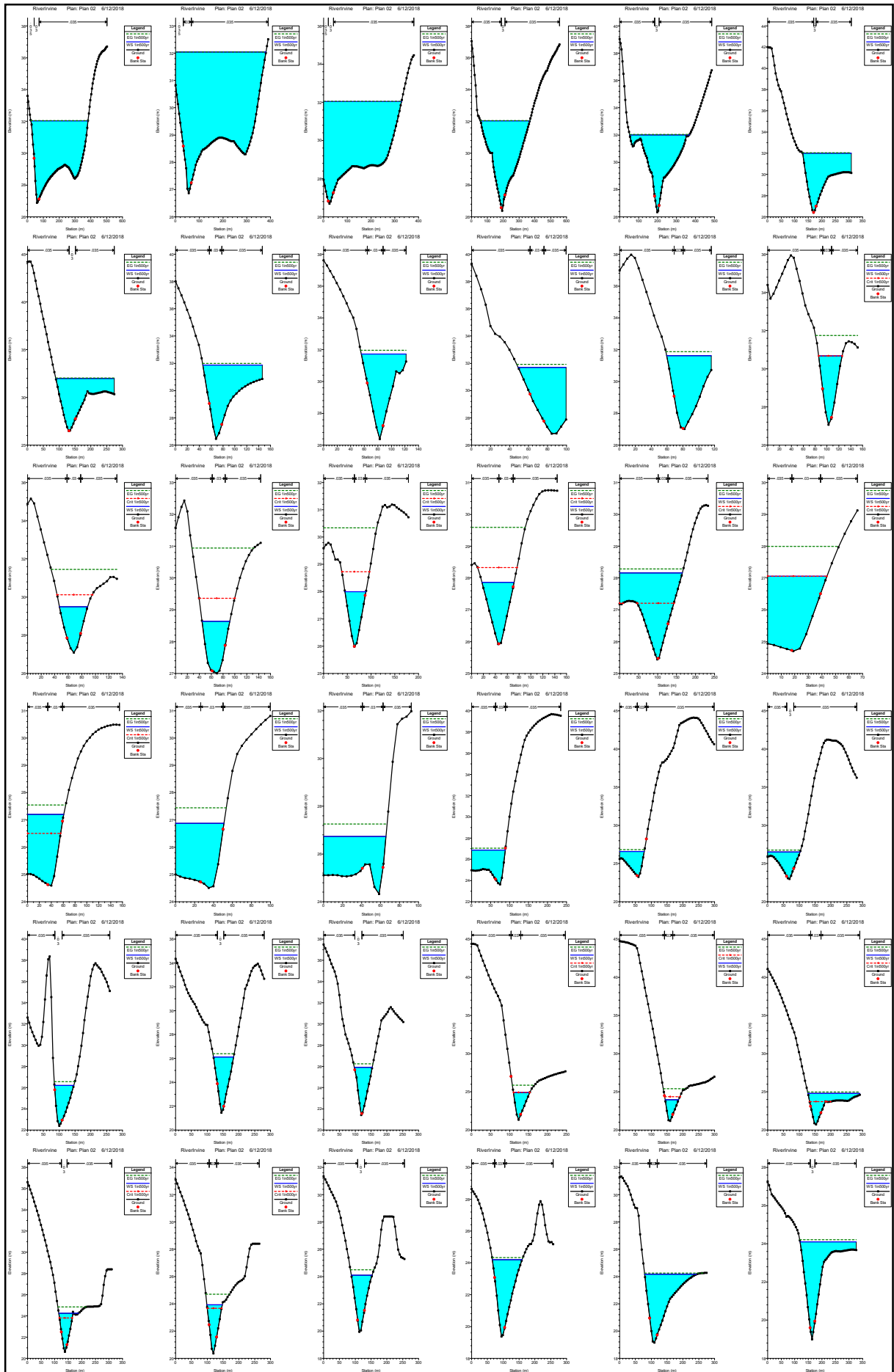
River Irvine Irvine DS Cessno

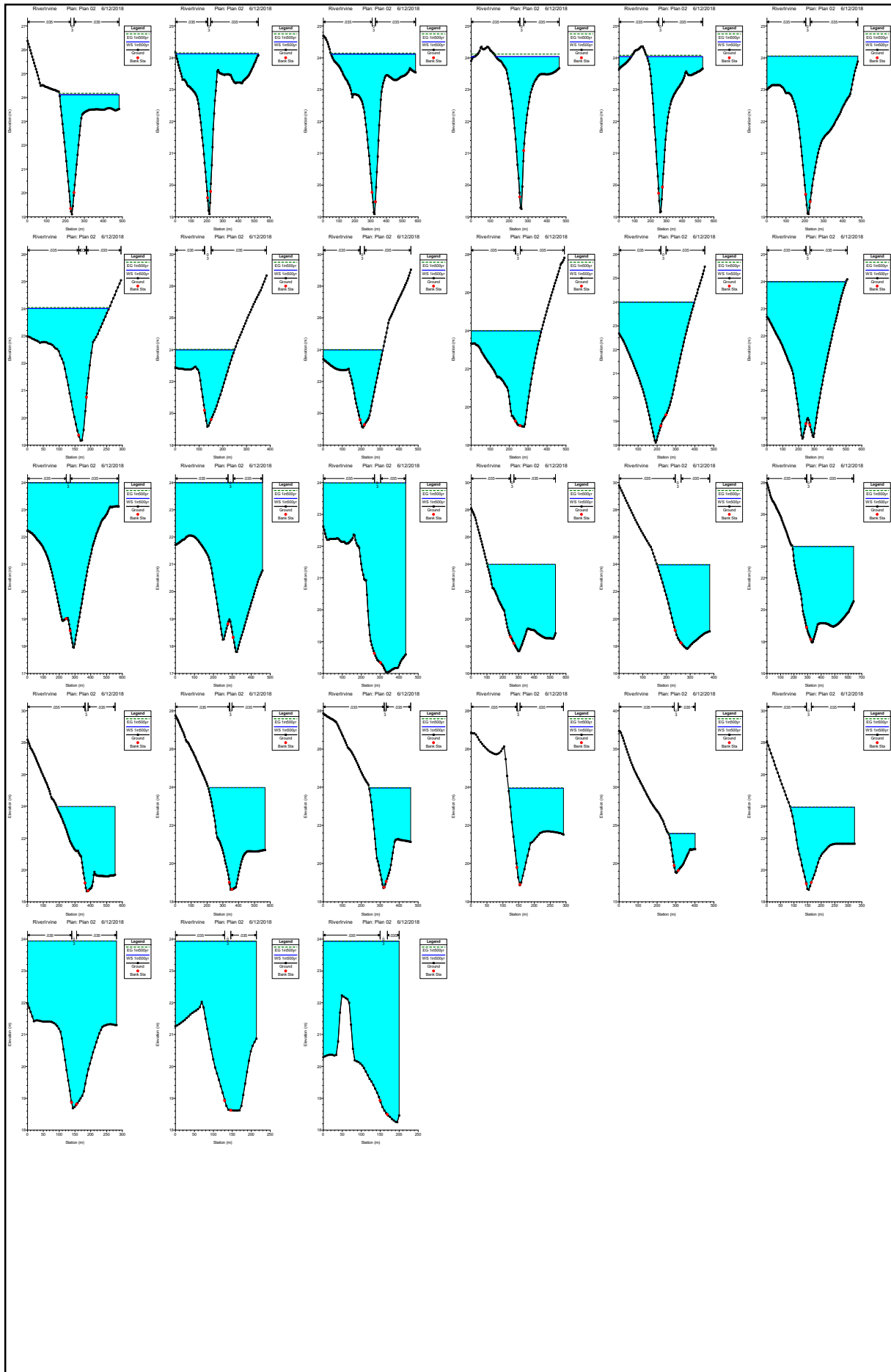








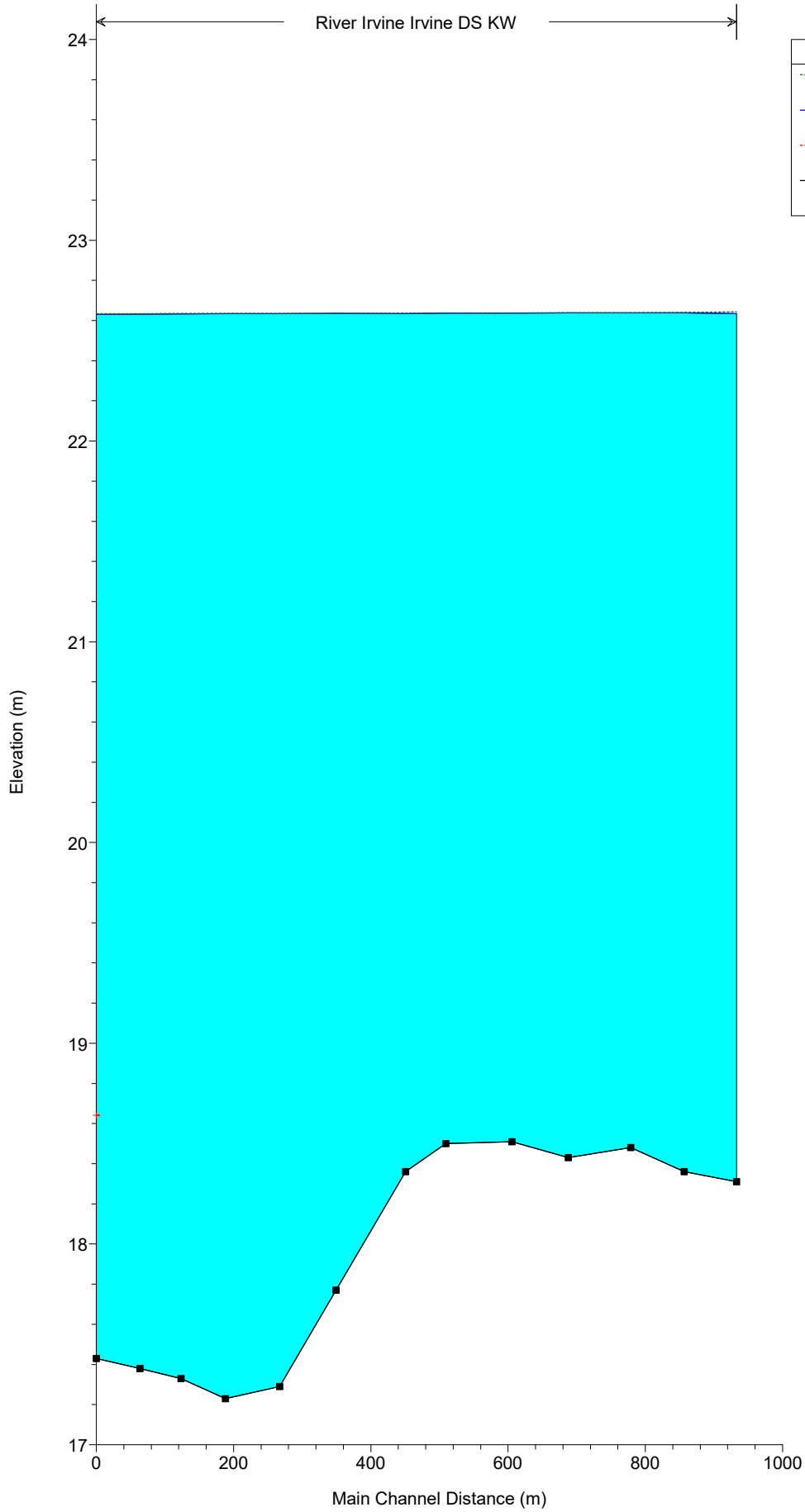


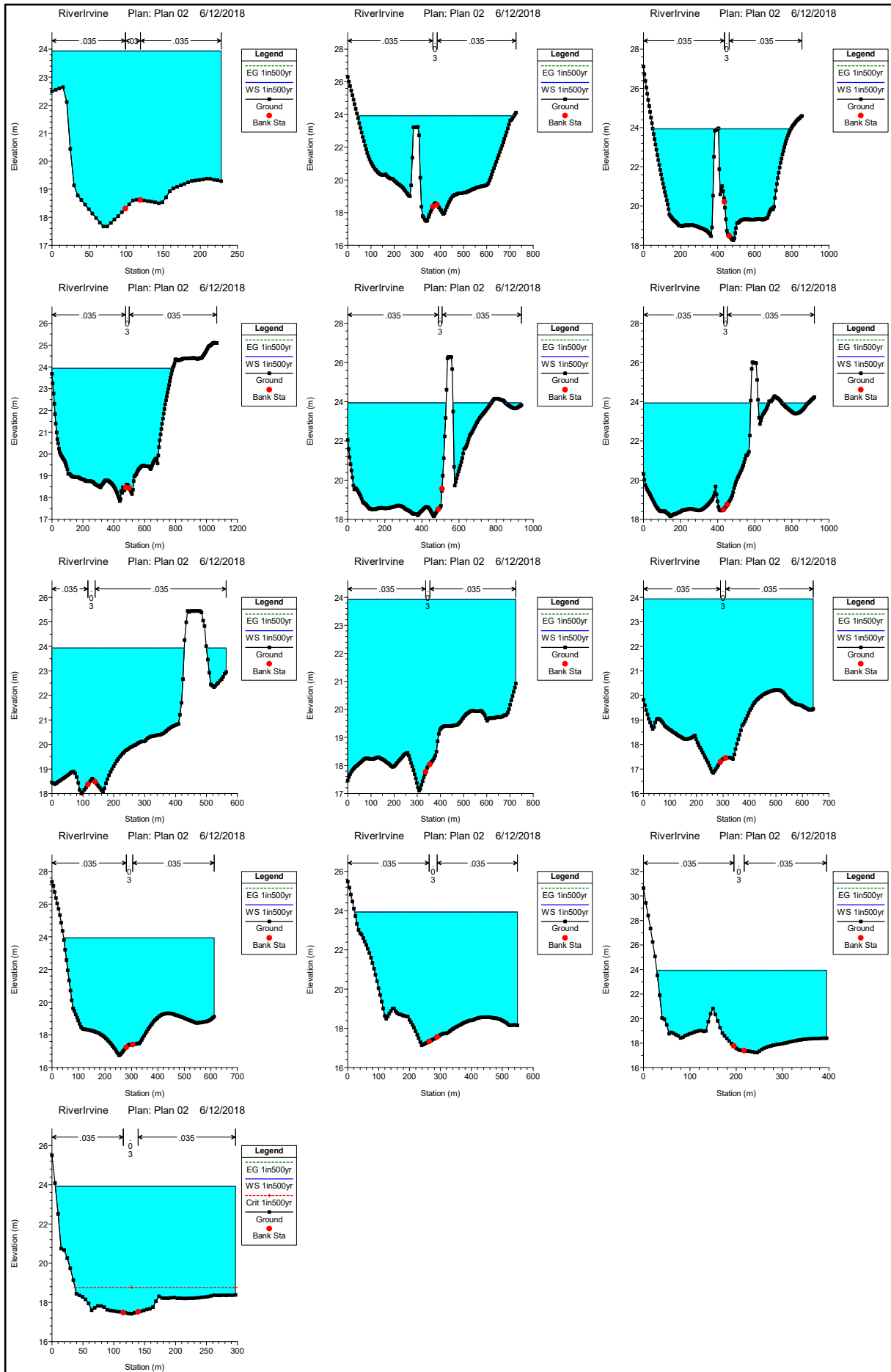




IRVINE DS KW

River Irvine Irvine DS KW





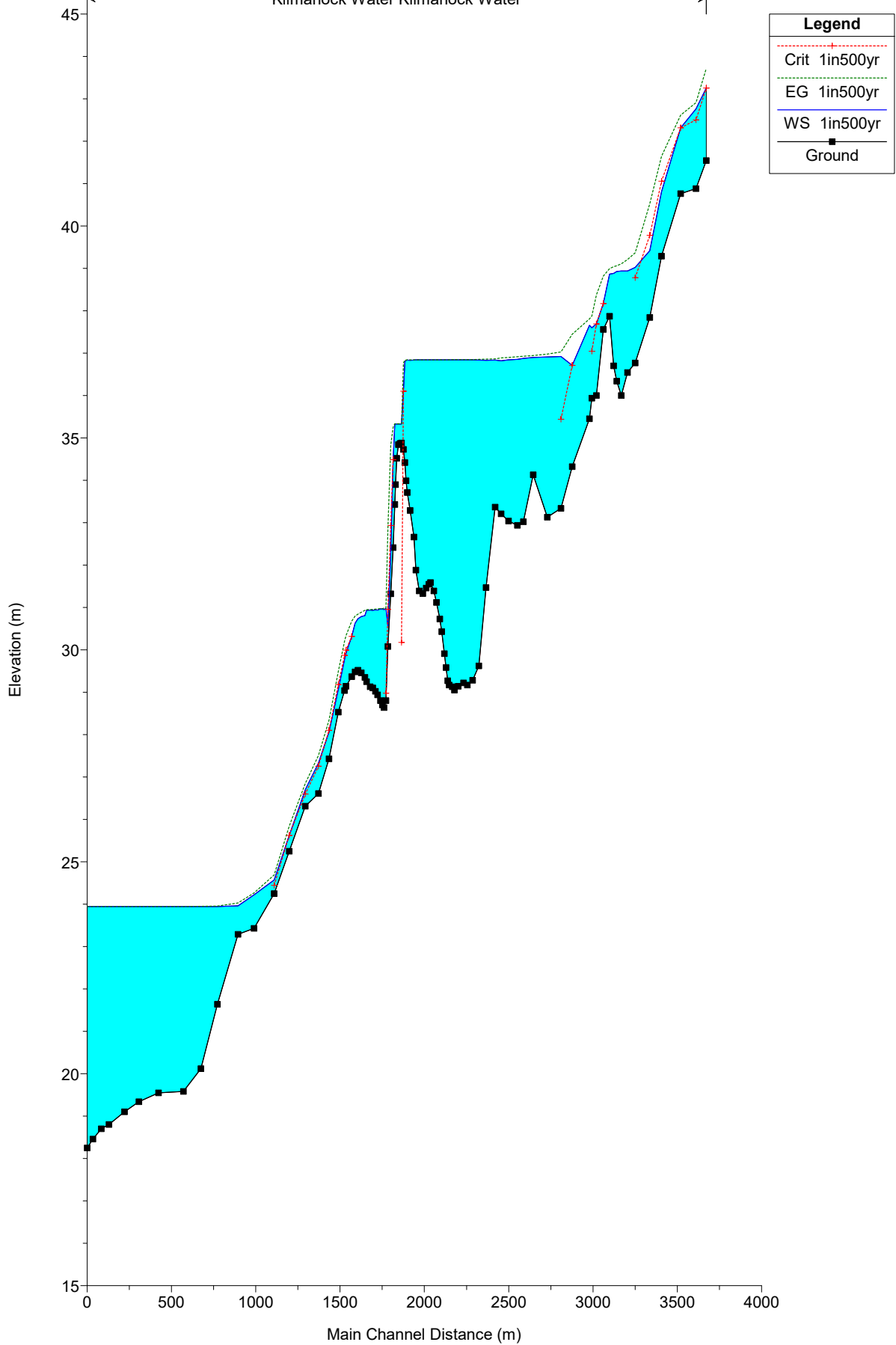


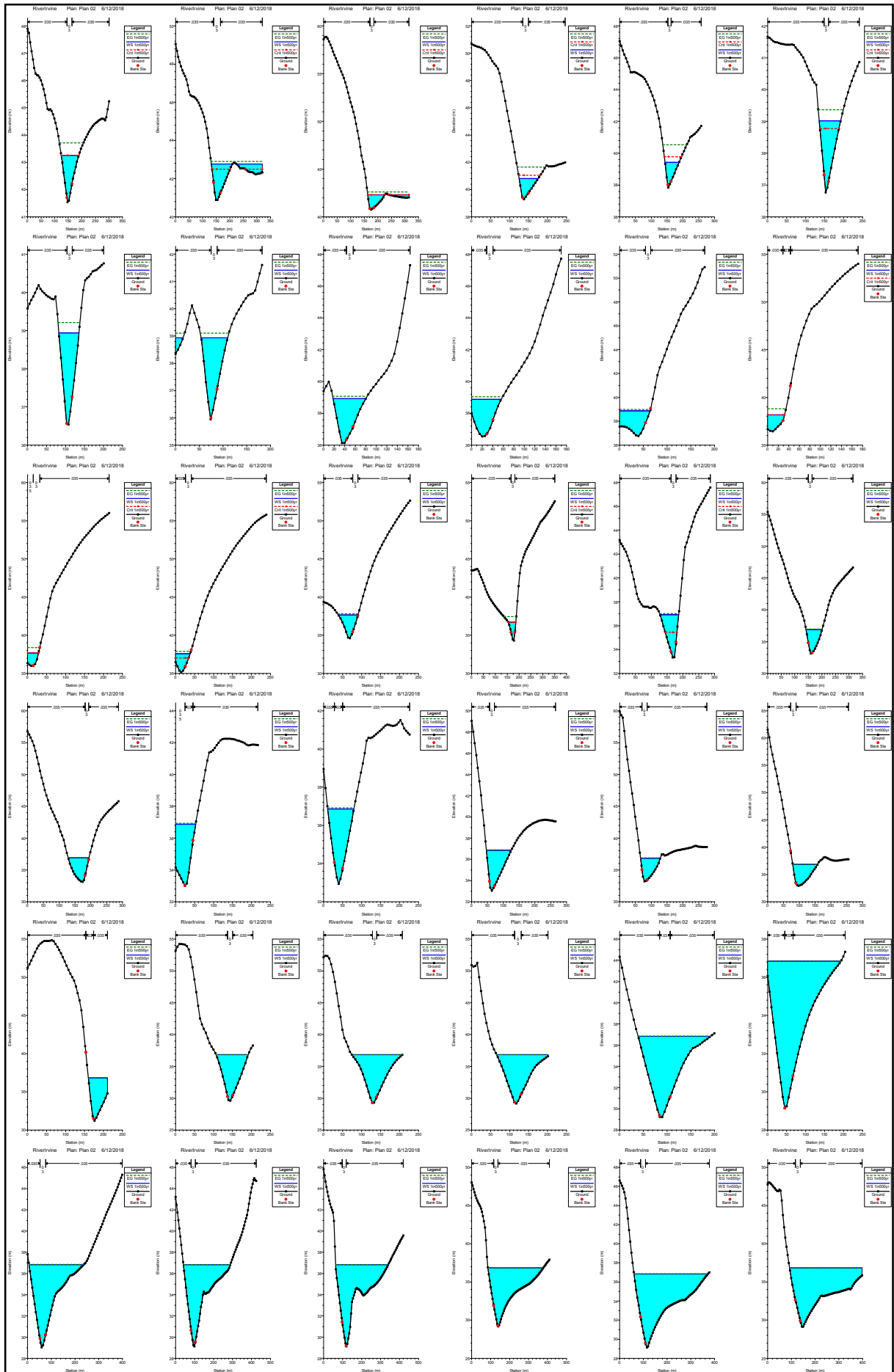
500 YEARS RETURNING
PERIOD
PROFILE
CROSS SECTIONS

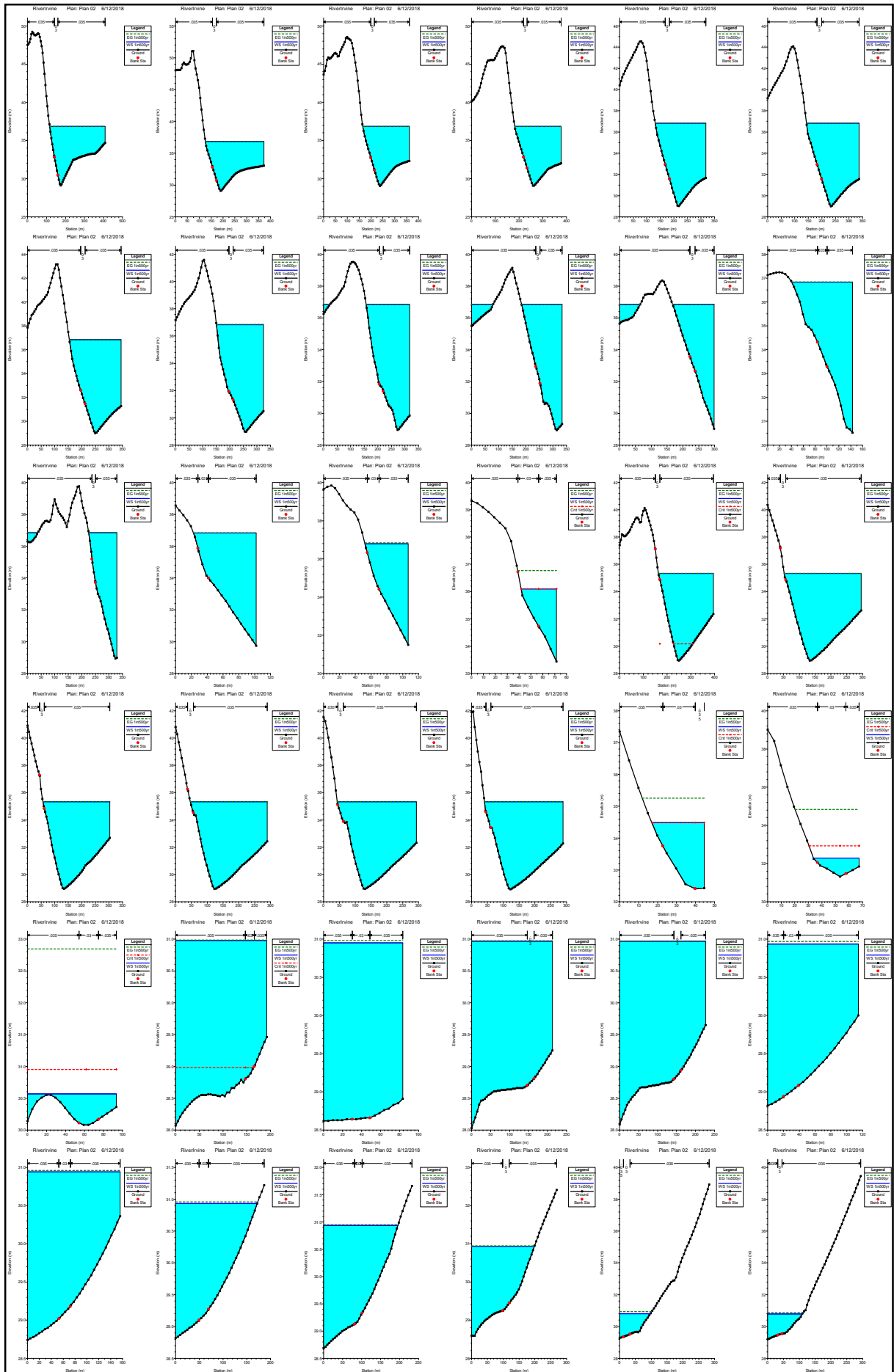


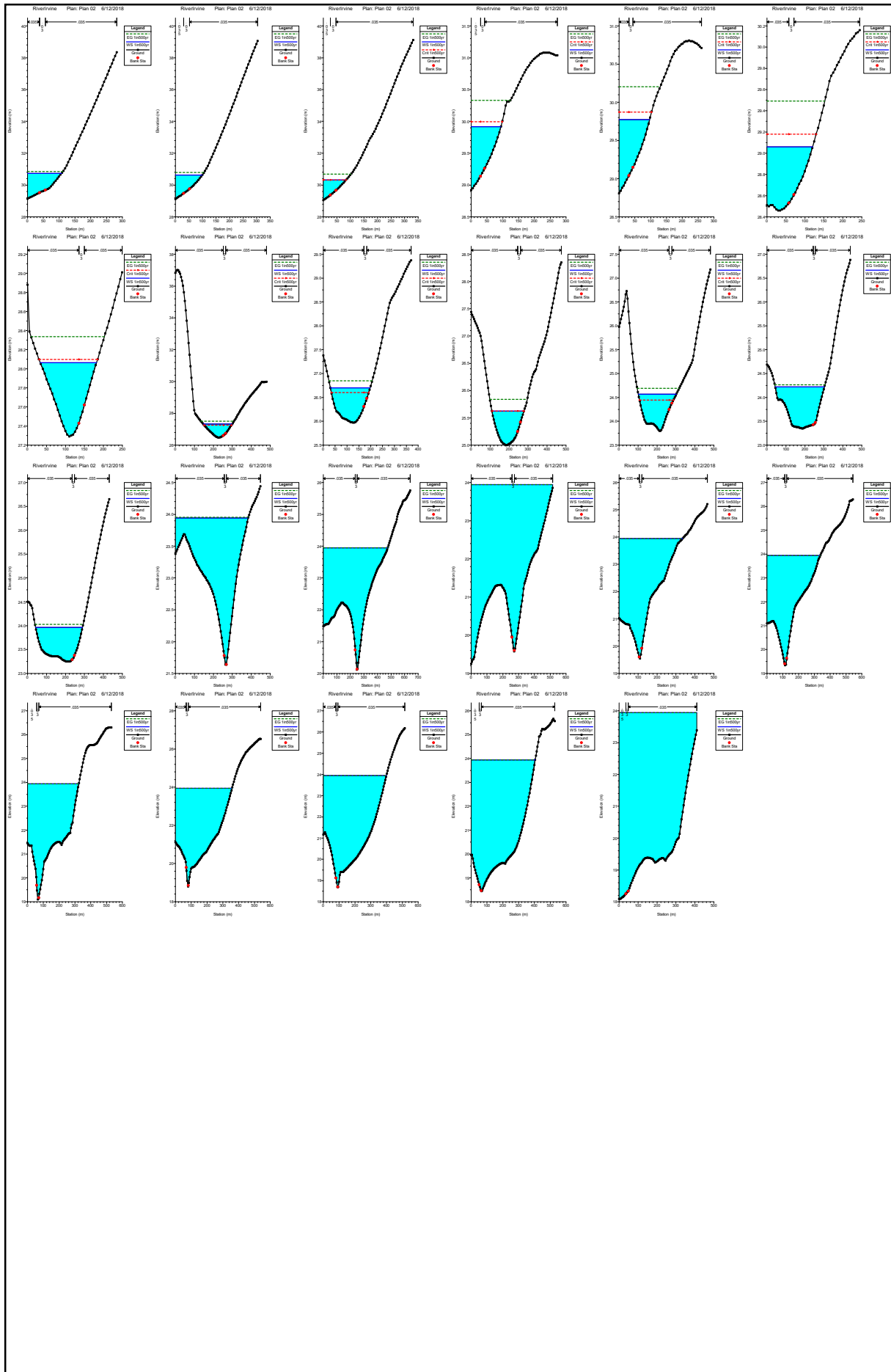
KILMARNOCK

Kilmanock Water Kilmanock Water







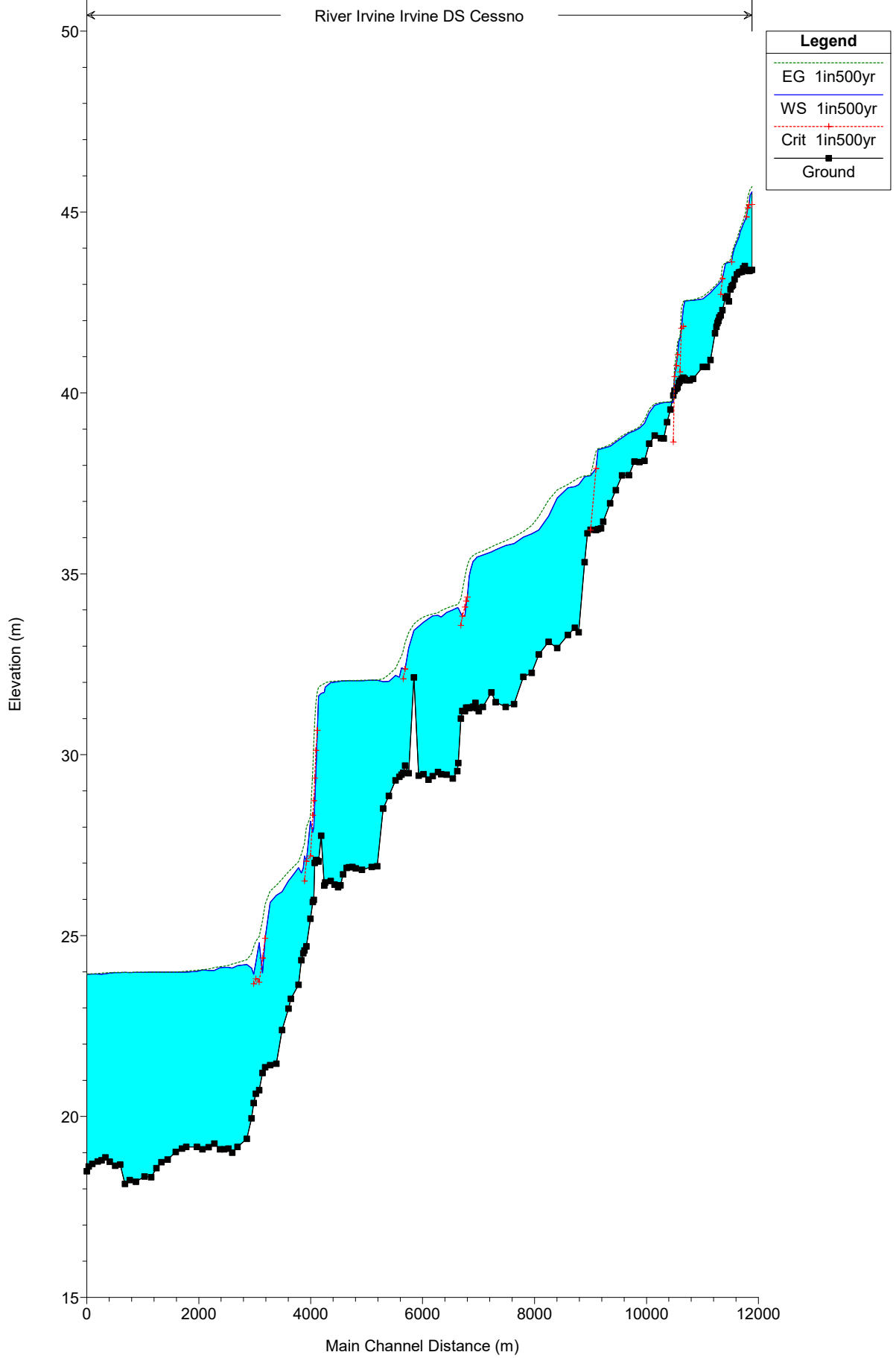




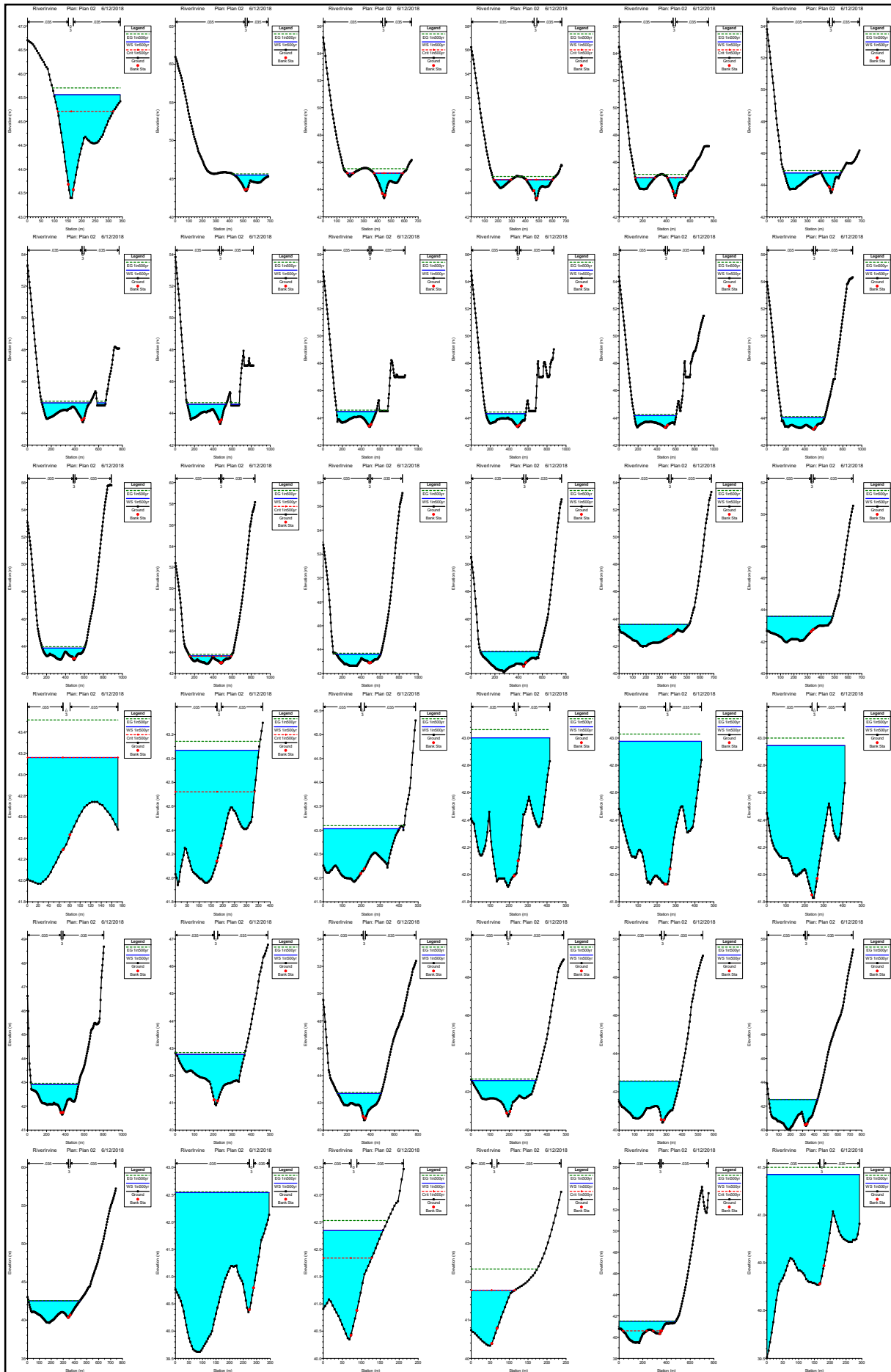
IRVINE DS CESSNO

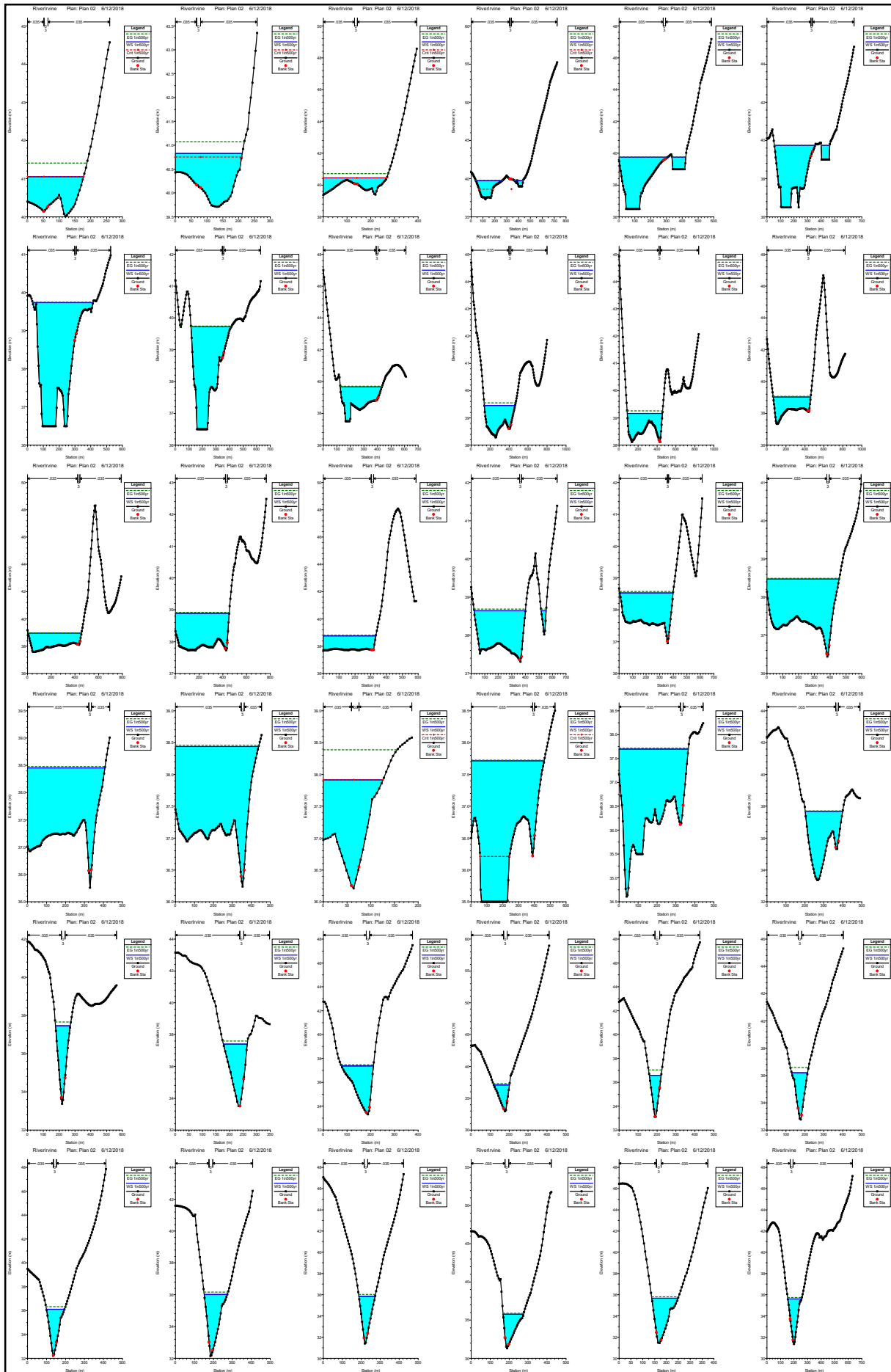
RiverIrvine Plan: Plan 02 6/12/2018

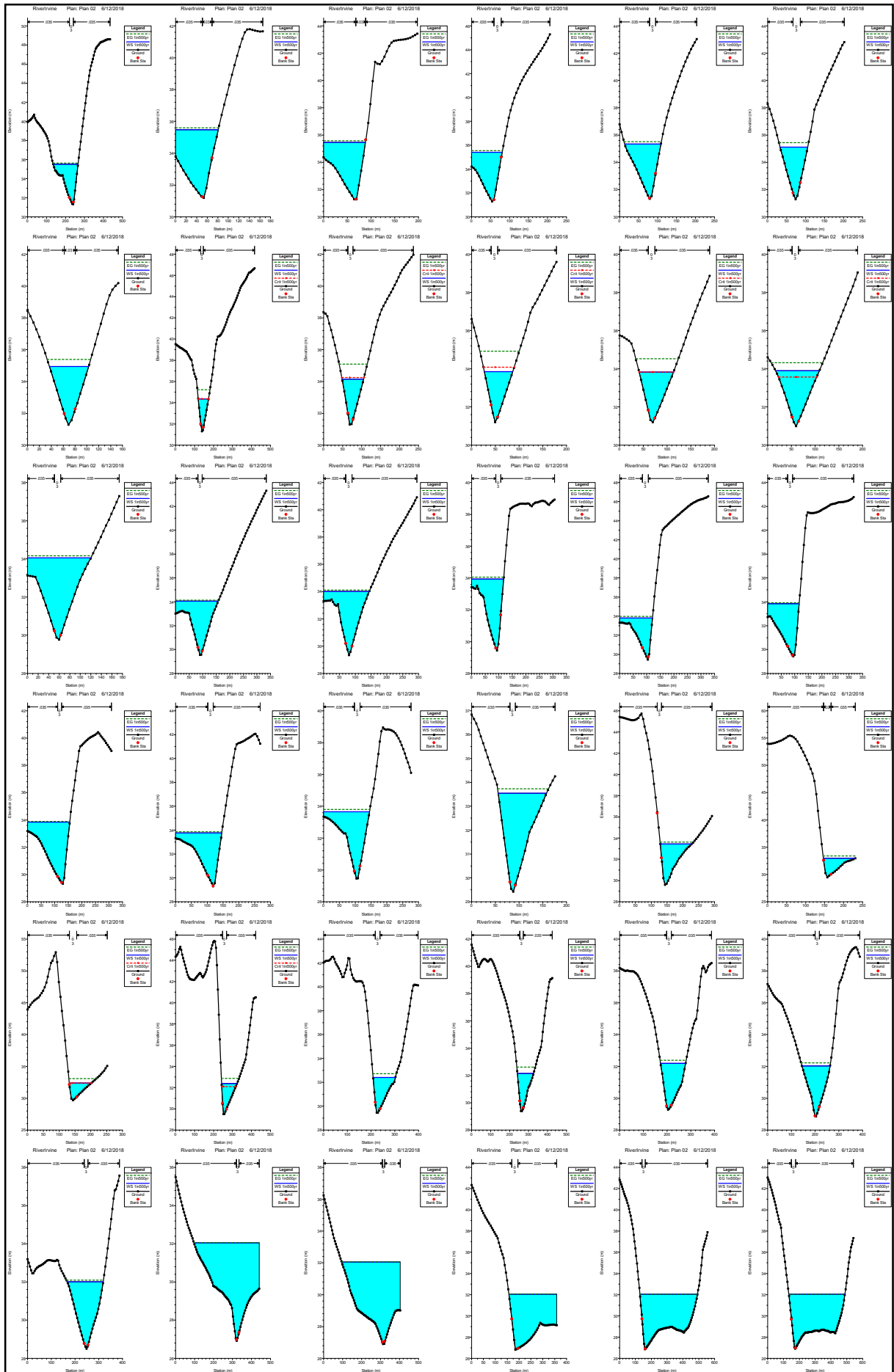
River Irvine Irvine DS Cessno

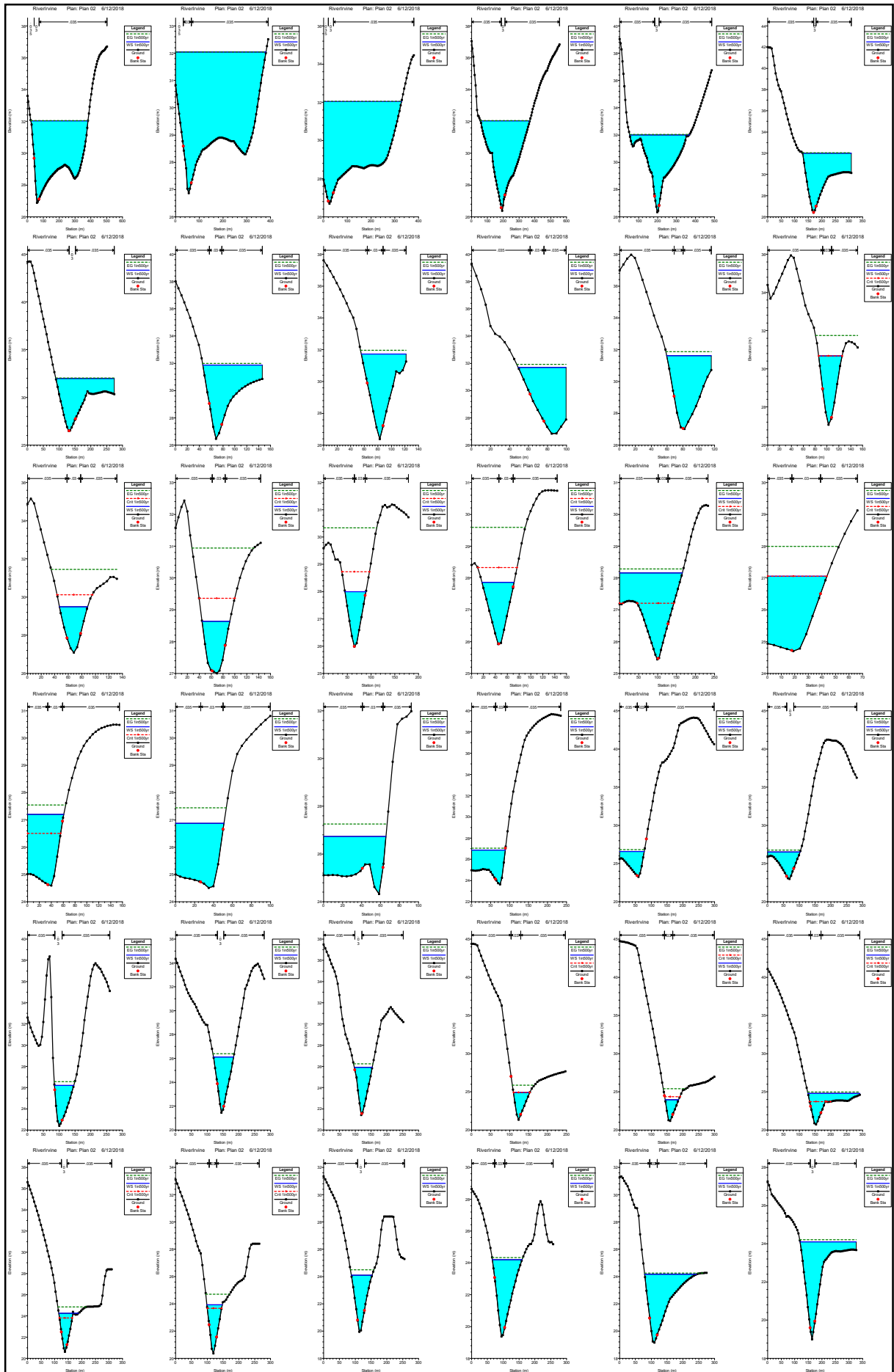


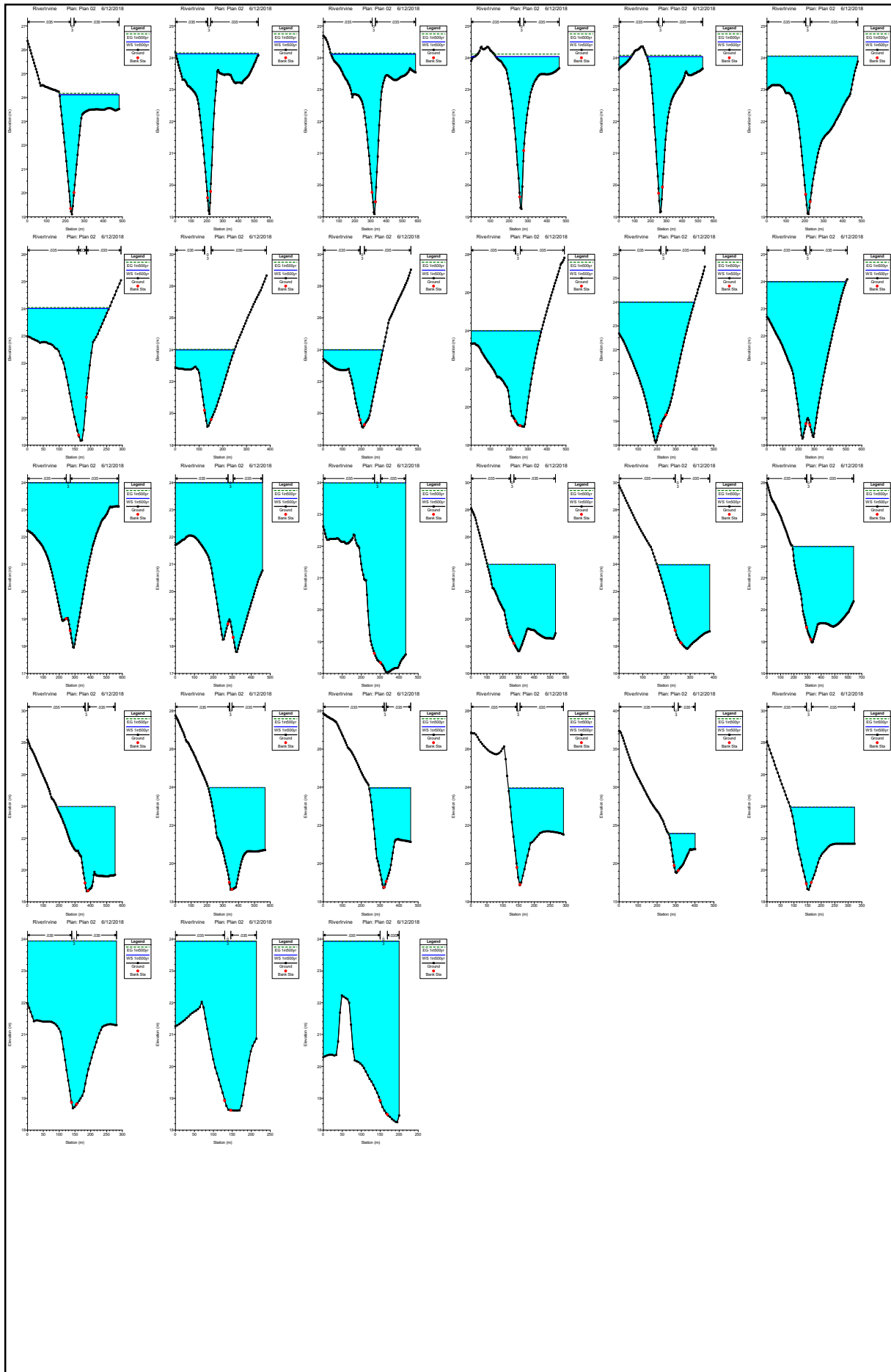
Legend	
EG 1in500yr	(Dotted green line)
WS 1in500yr	(Blue line)
Crit 1in500yr	(Dashed red line with cross markers)
Ground	(Black line with square markers)













IRVINE DS KW

River Irvine Irvine DS KW

