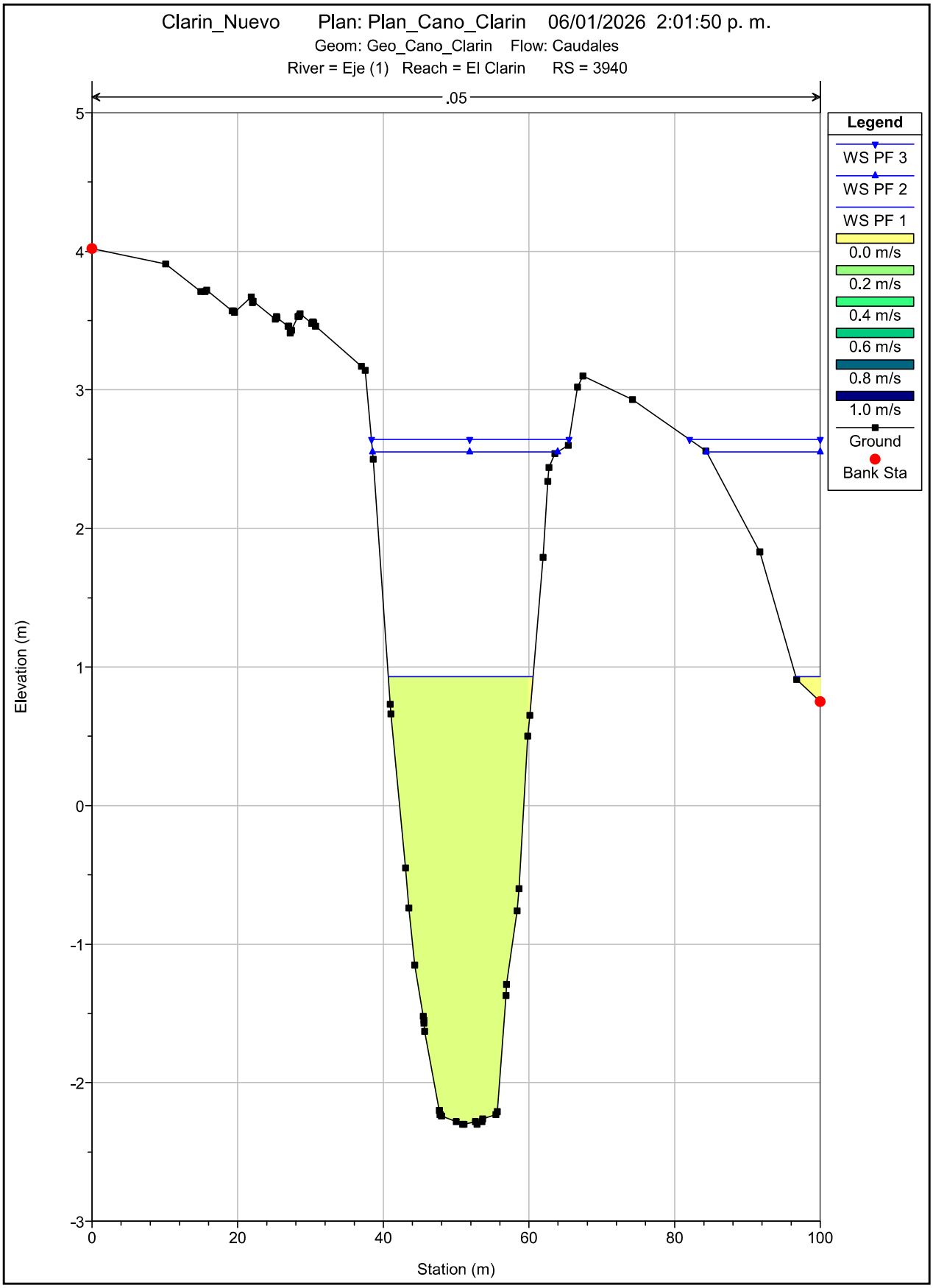
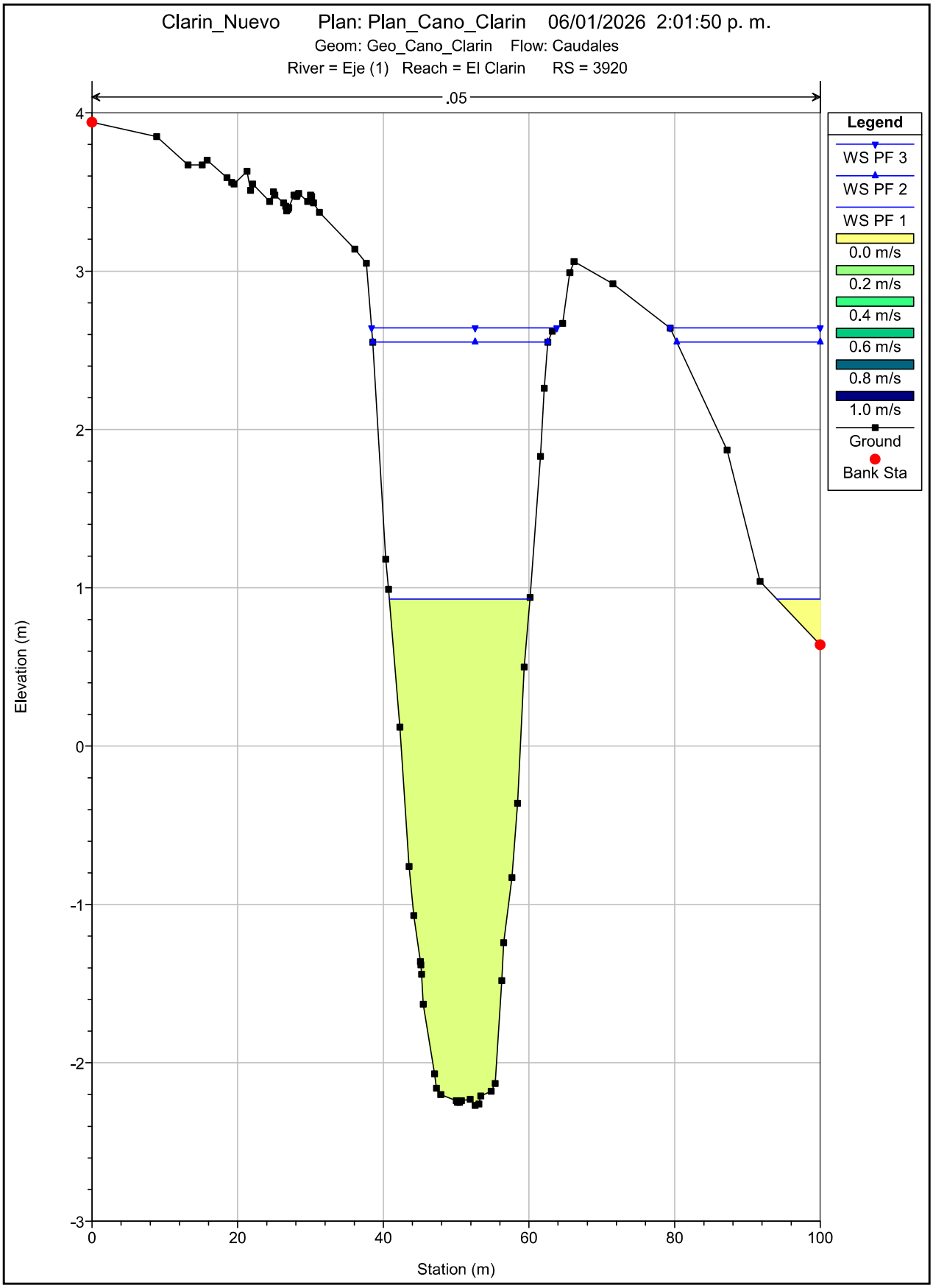
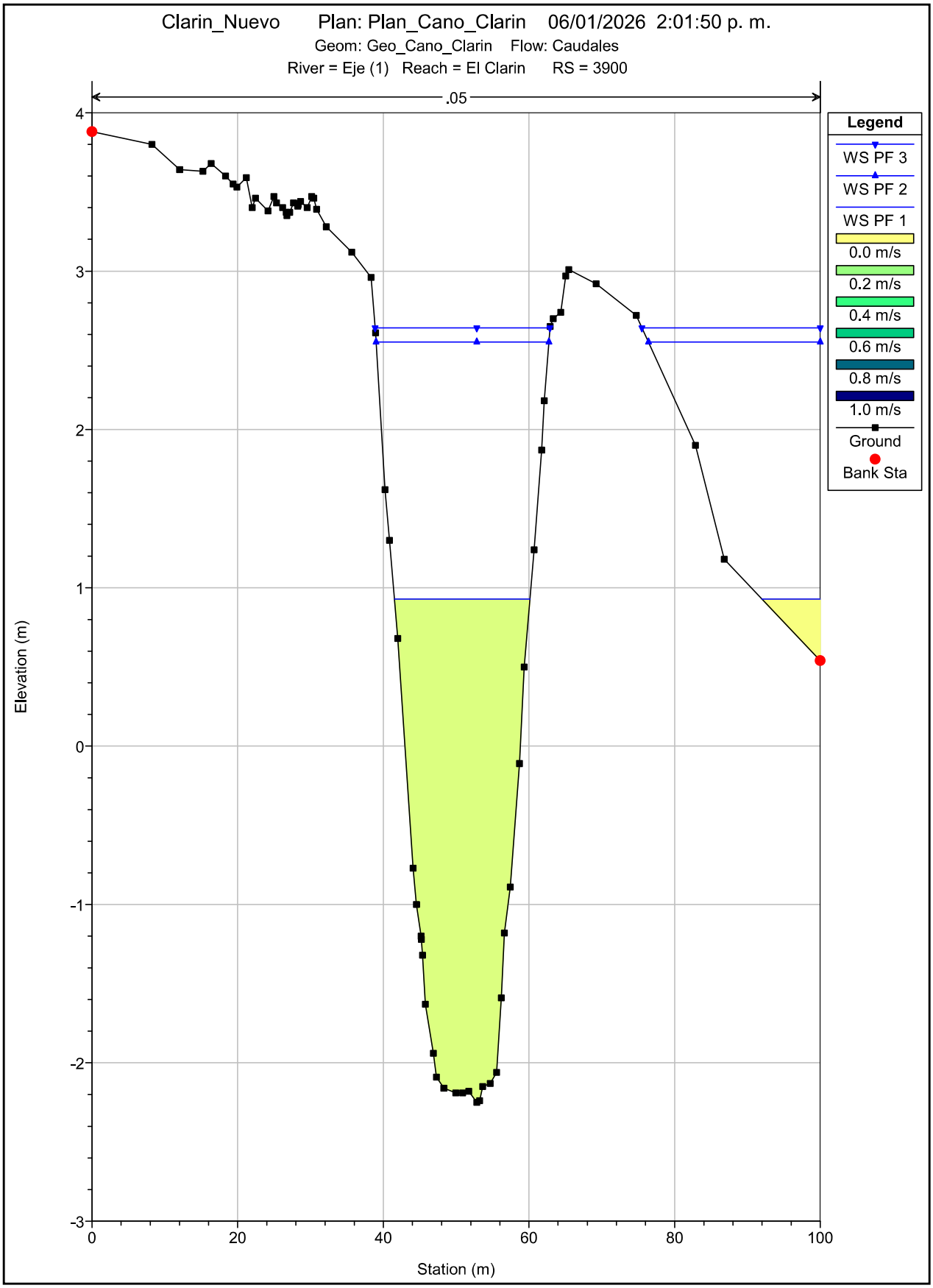
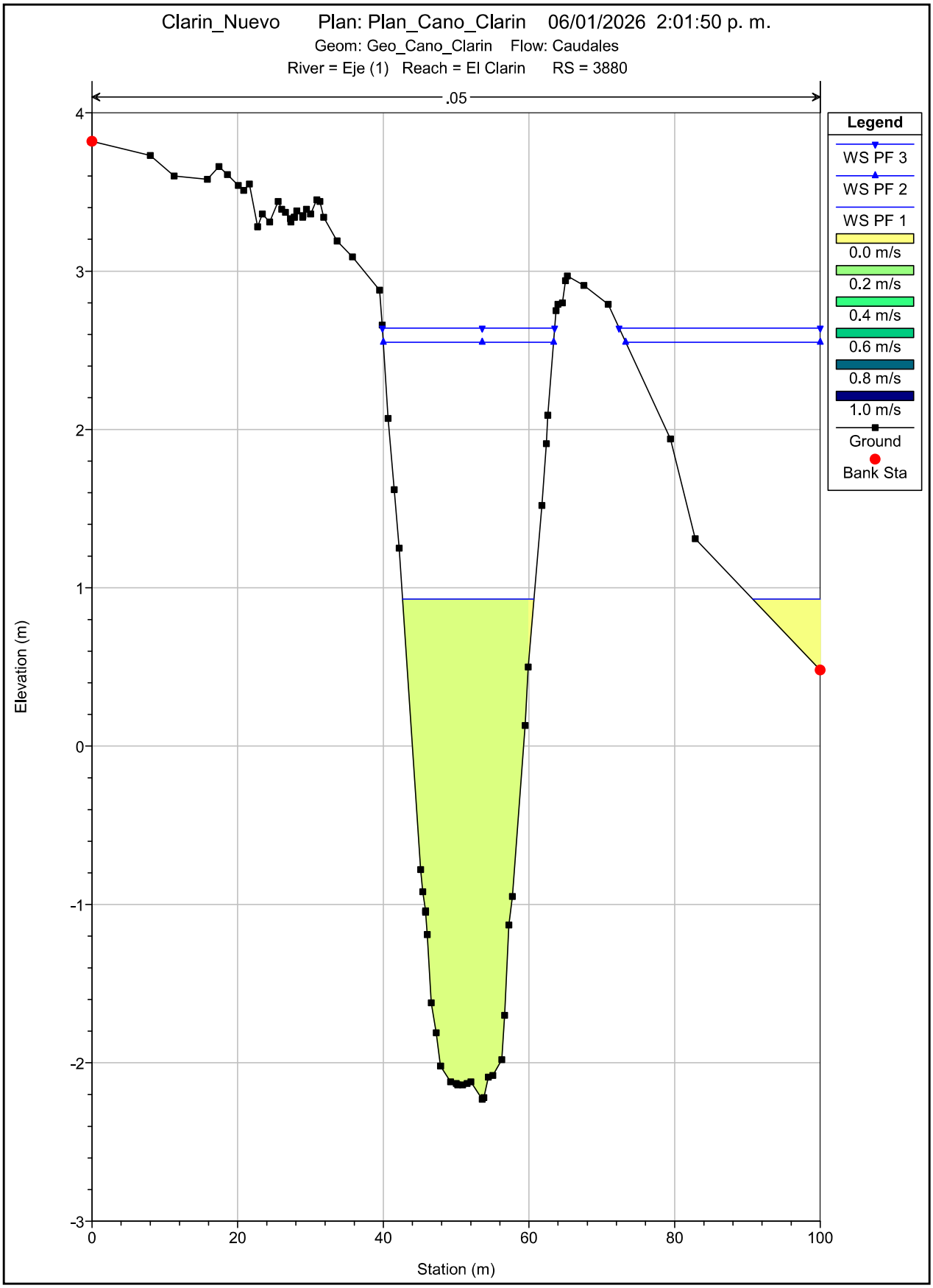
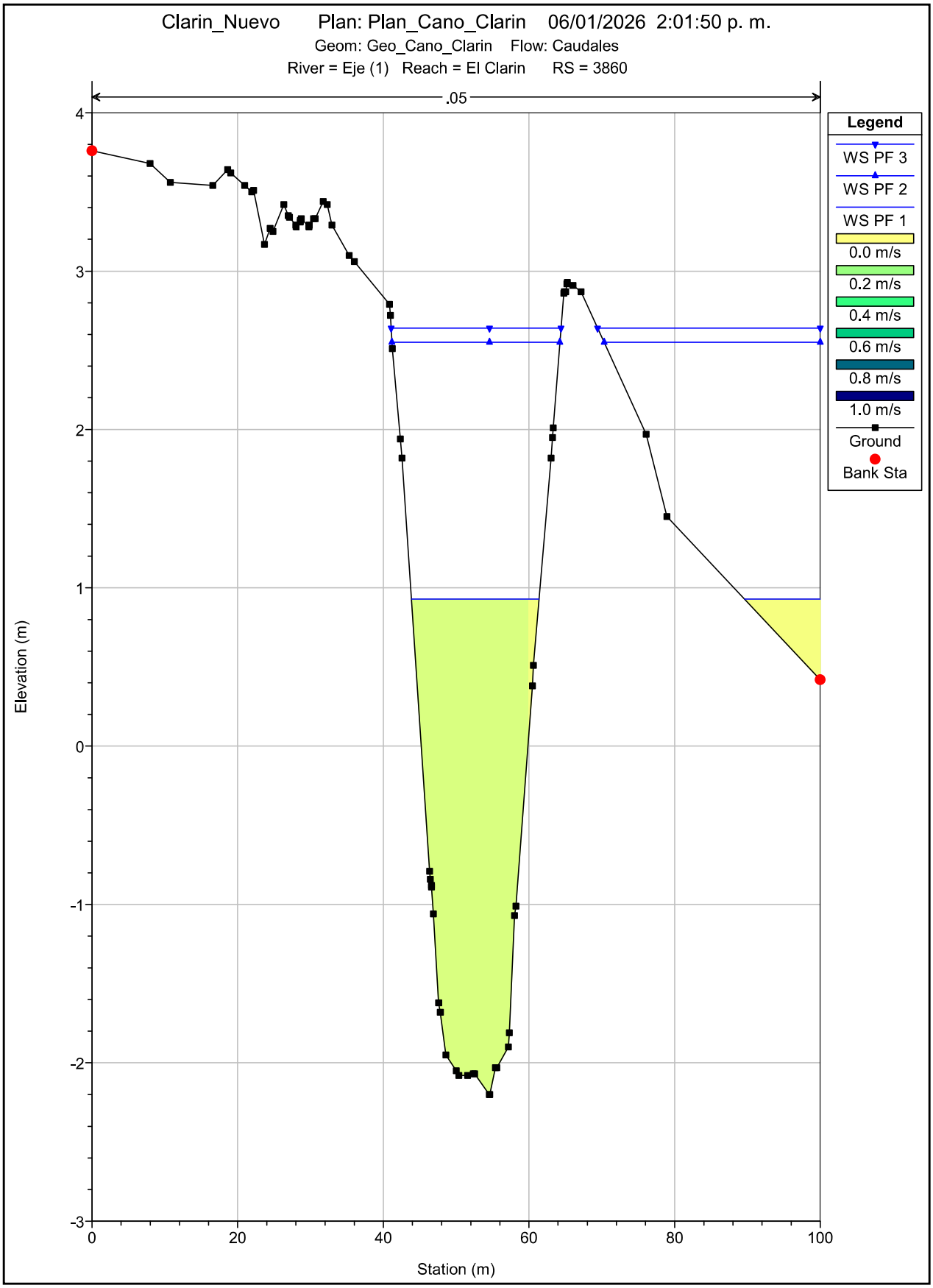
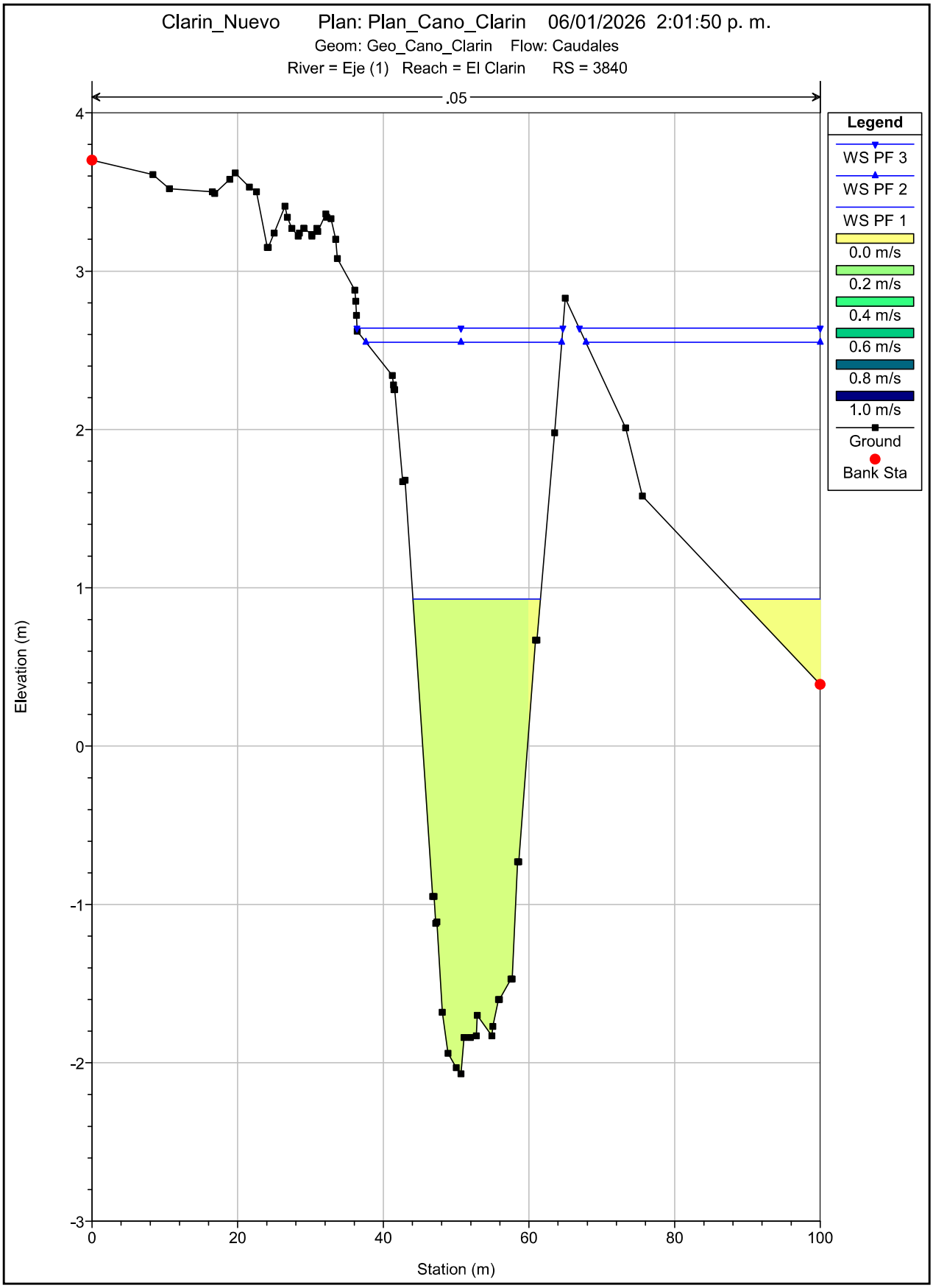

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3940
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
5
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

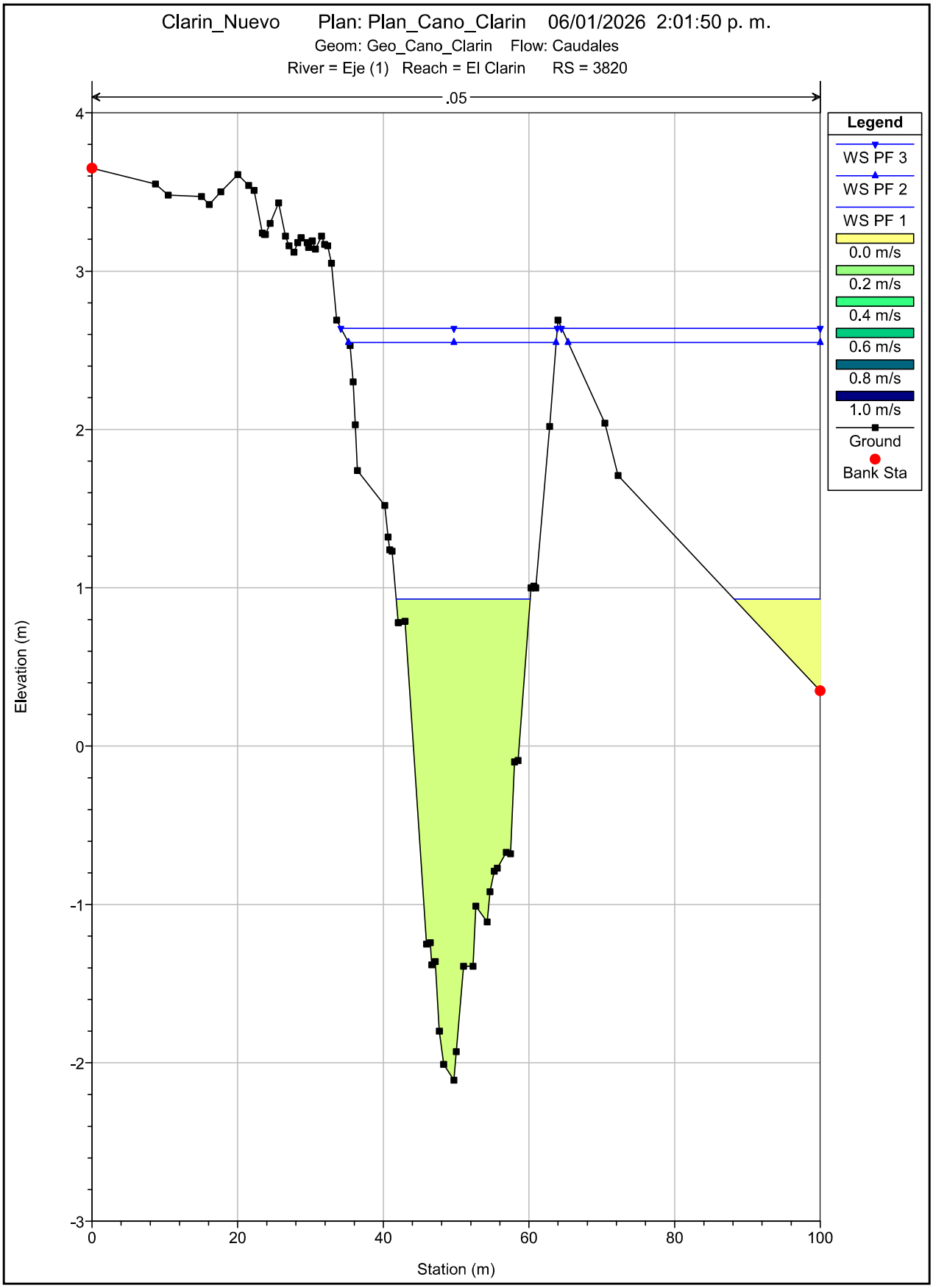

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3920
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

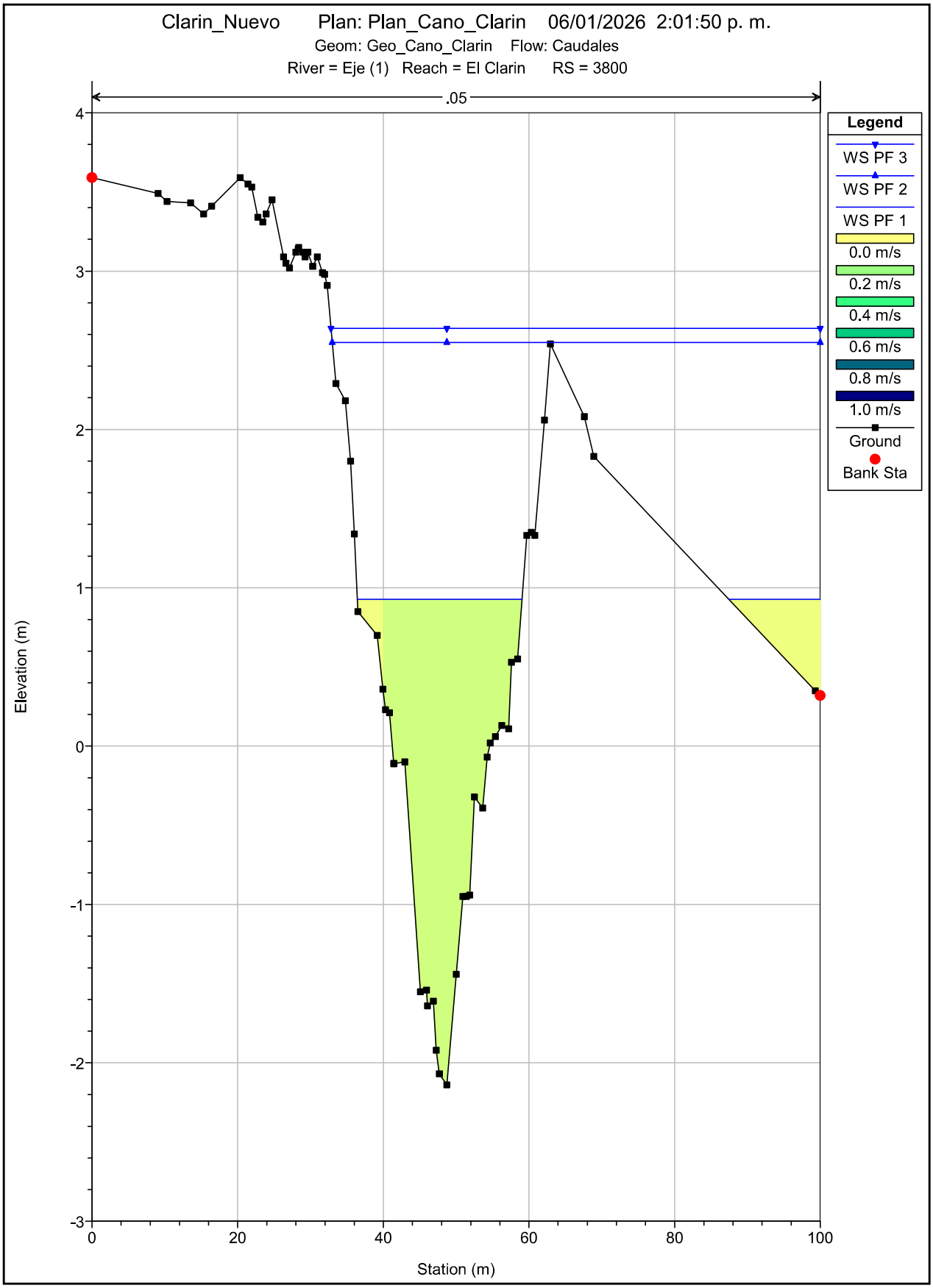

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3900
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

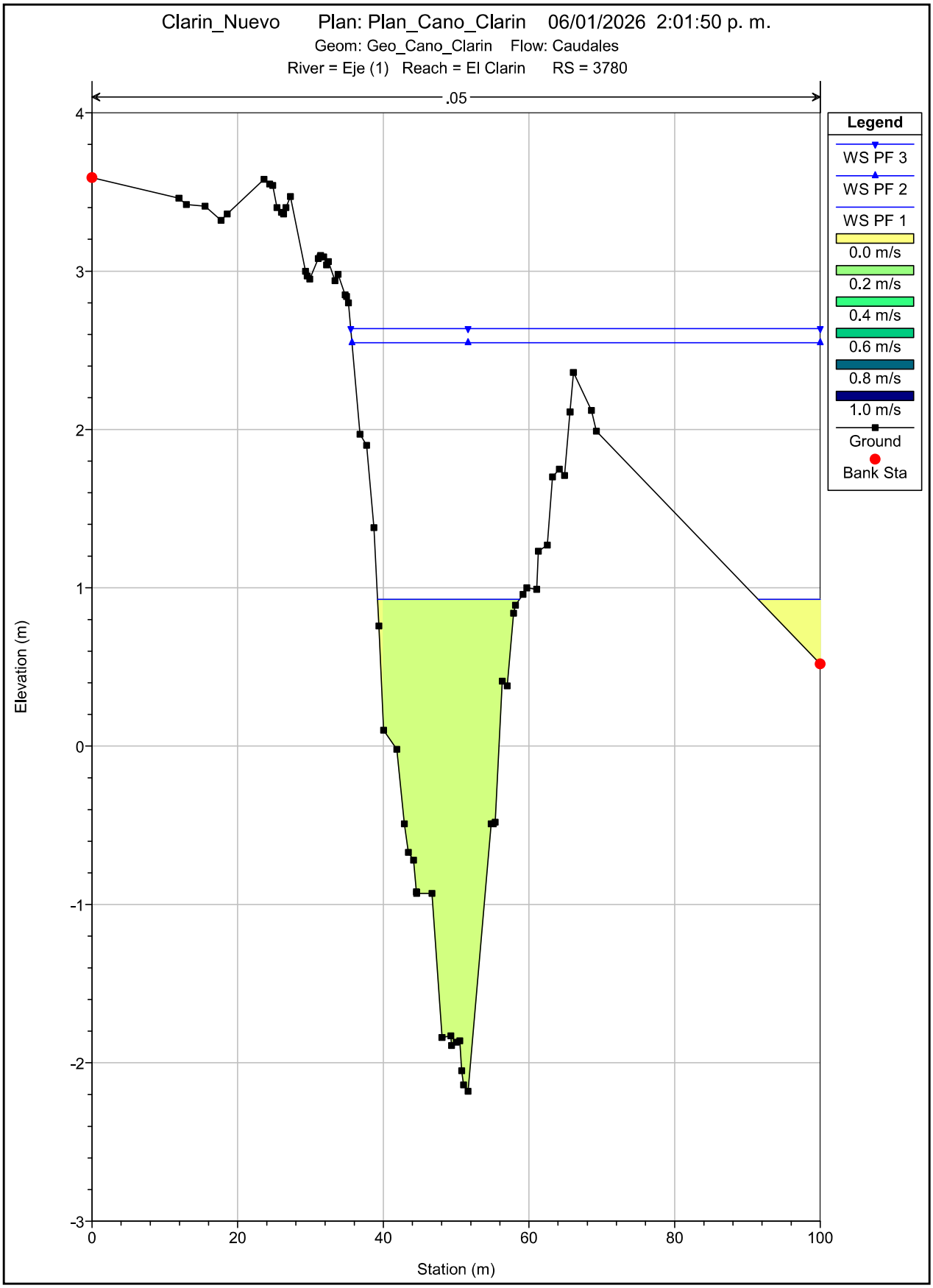

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3880
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

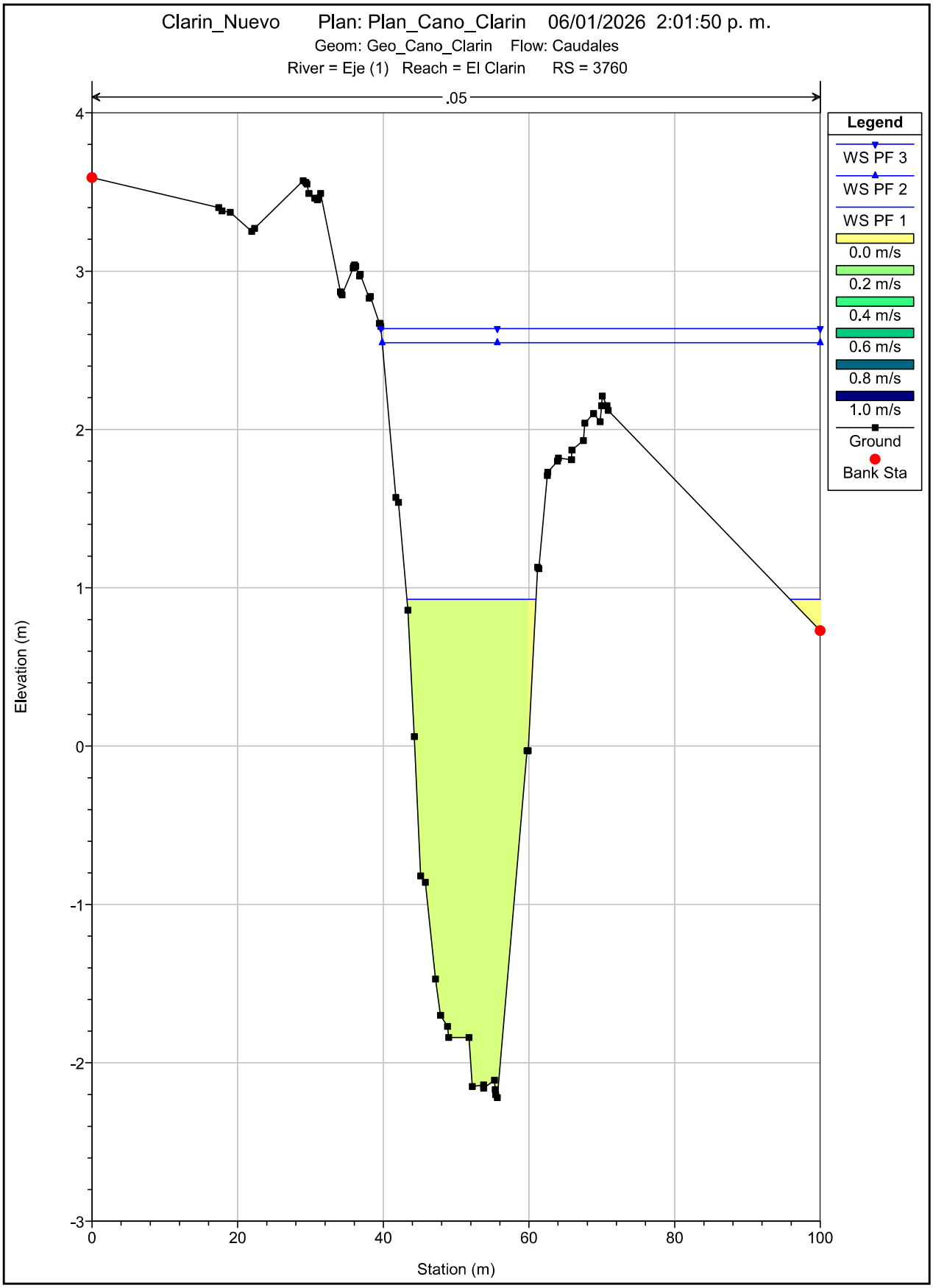

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3860
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

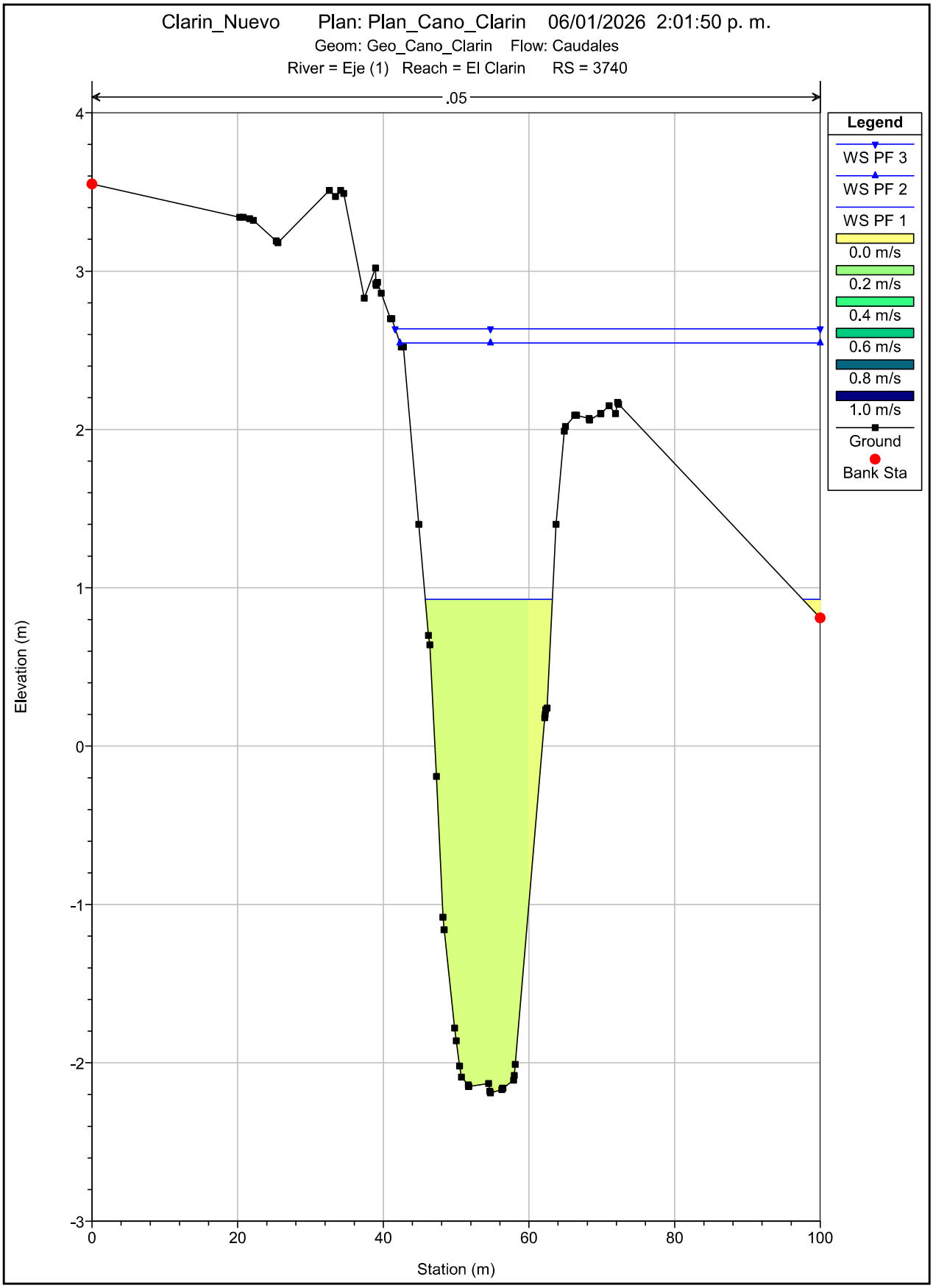

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3840
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
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1
0
-1
-2
-3
0
20
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100

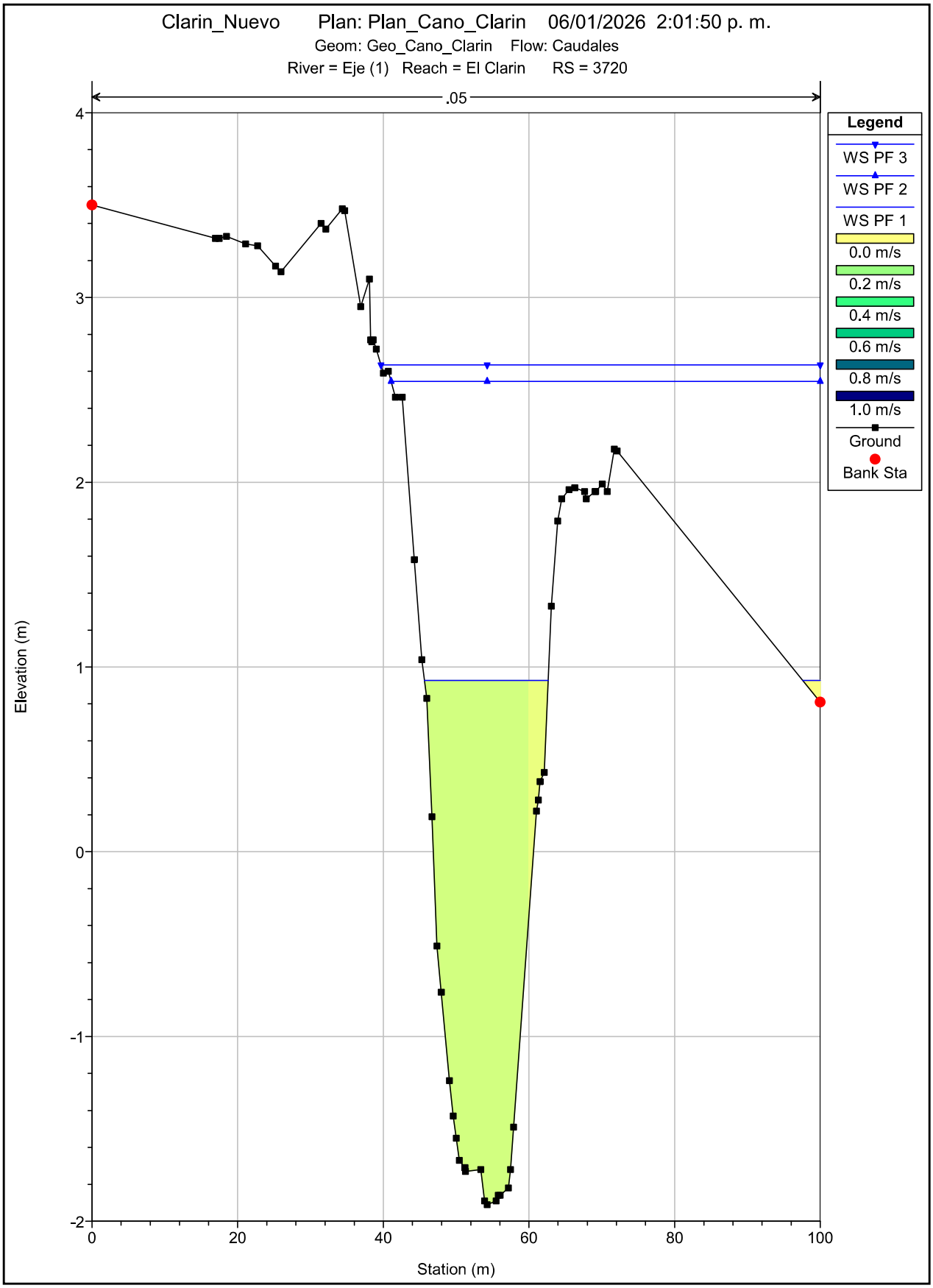

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3820
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

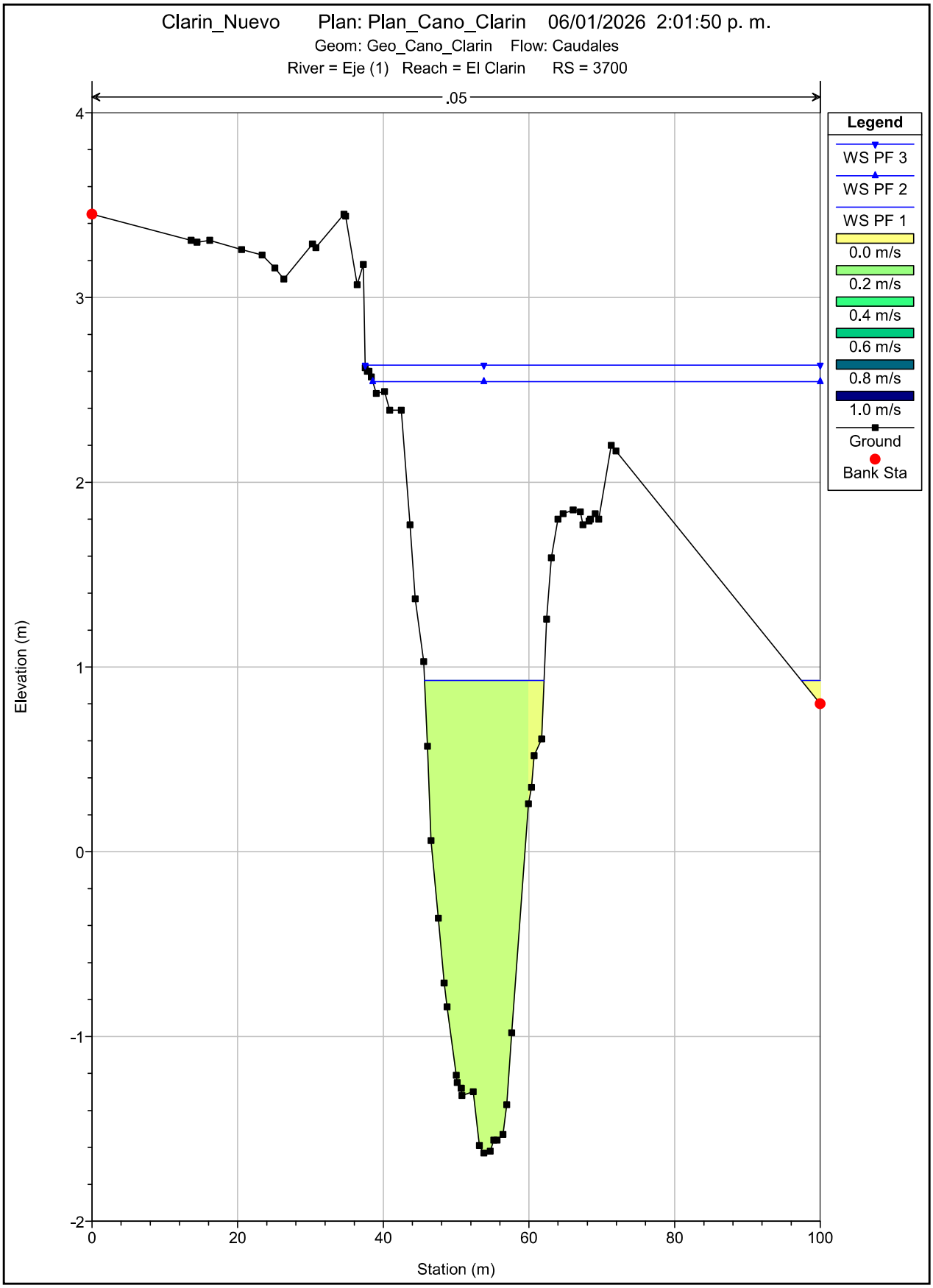

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3800
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
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-1
-2
-3
0
20
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100

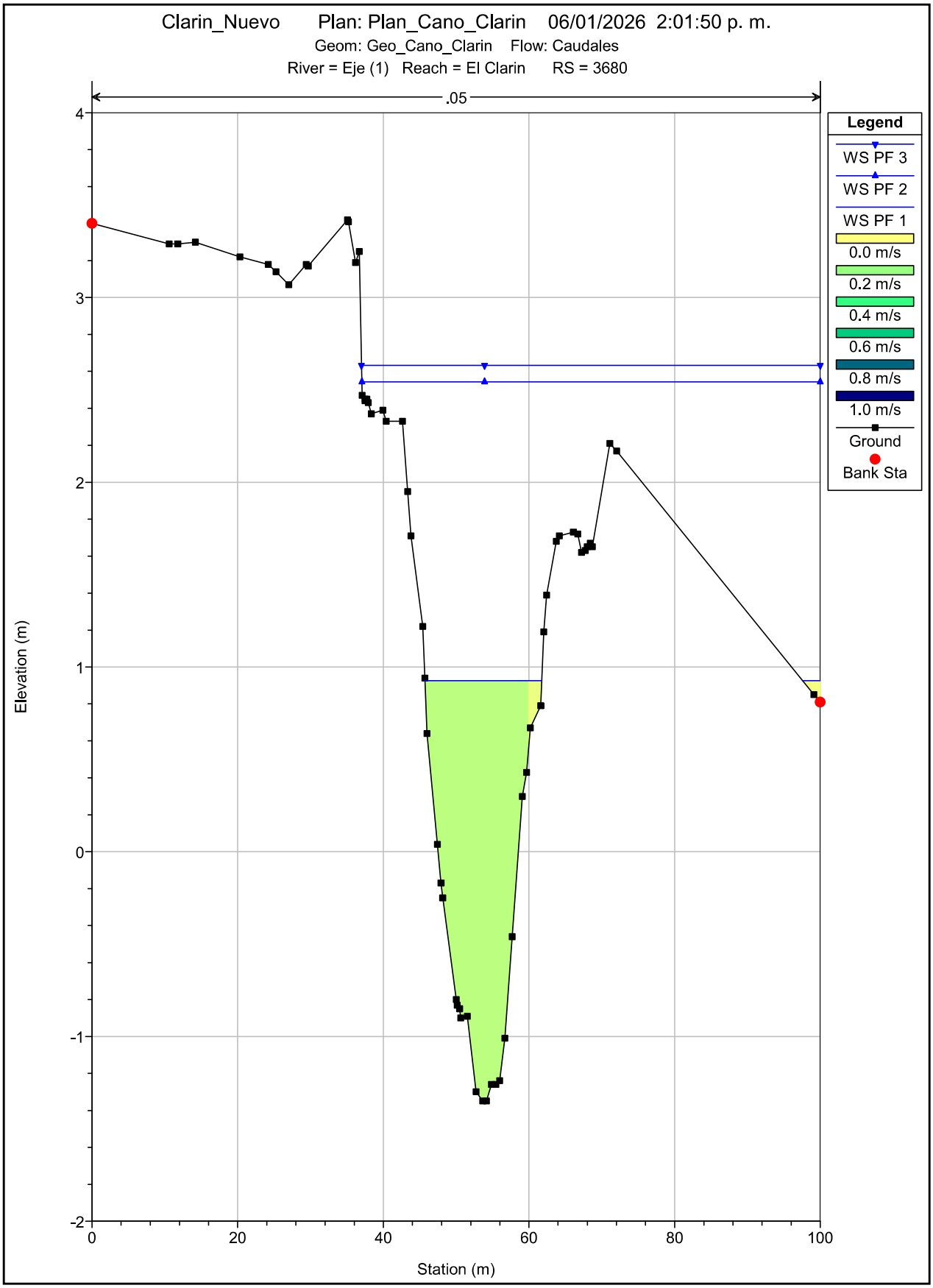

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3780
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
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1
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-2
-3
0
20
40
60
80
100

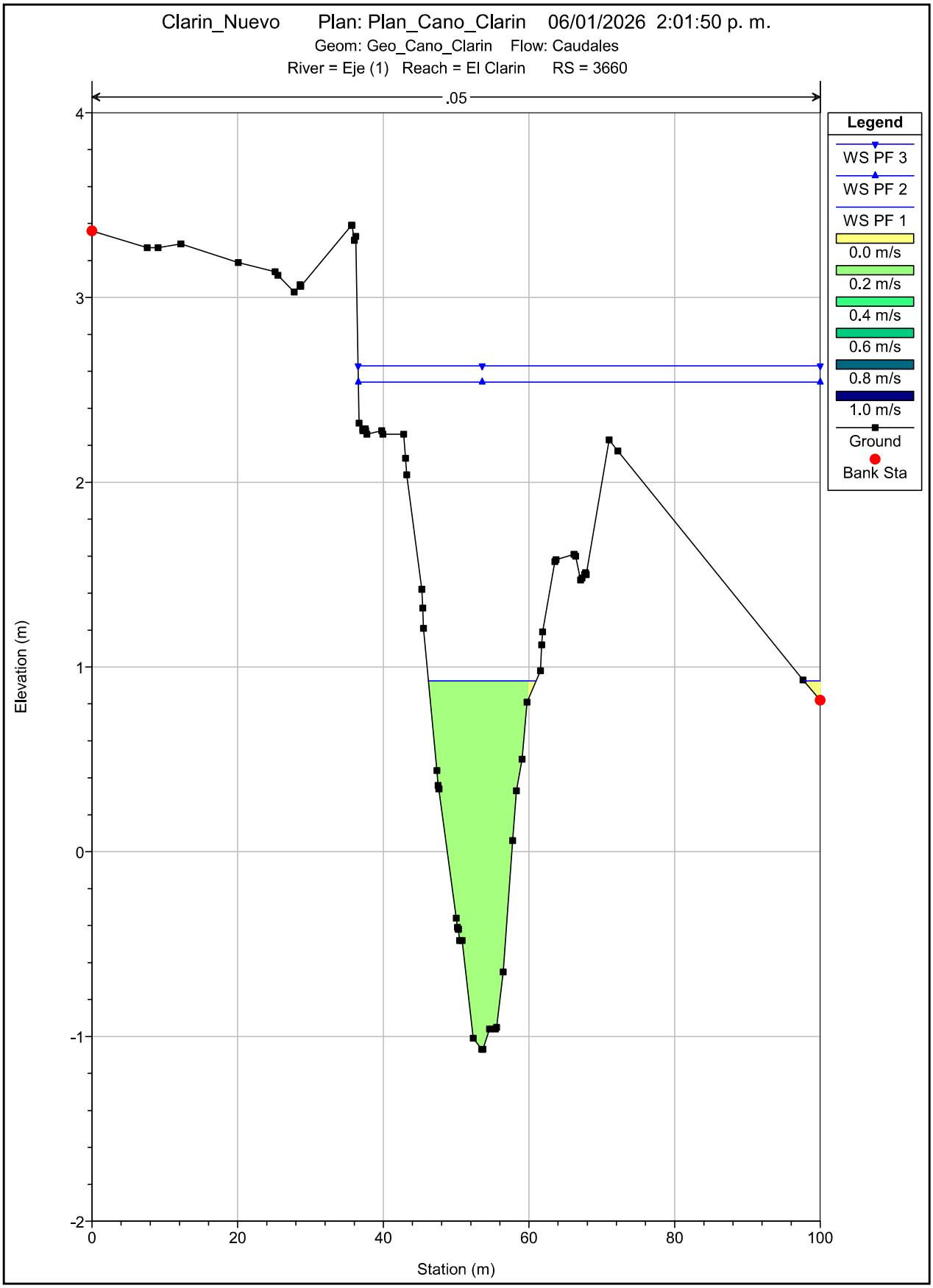

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3760
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

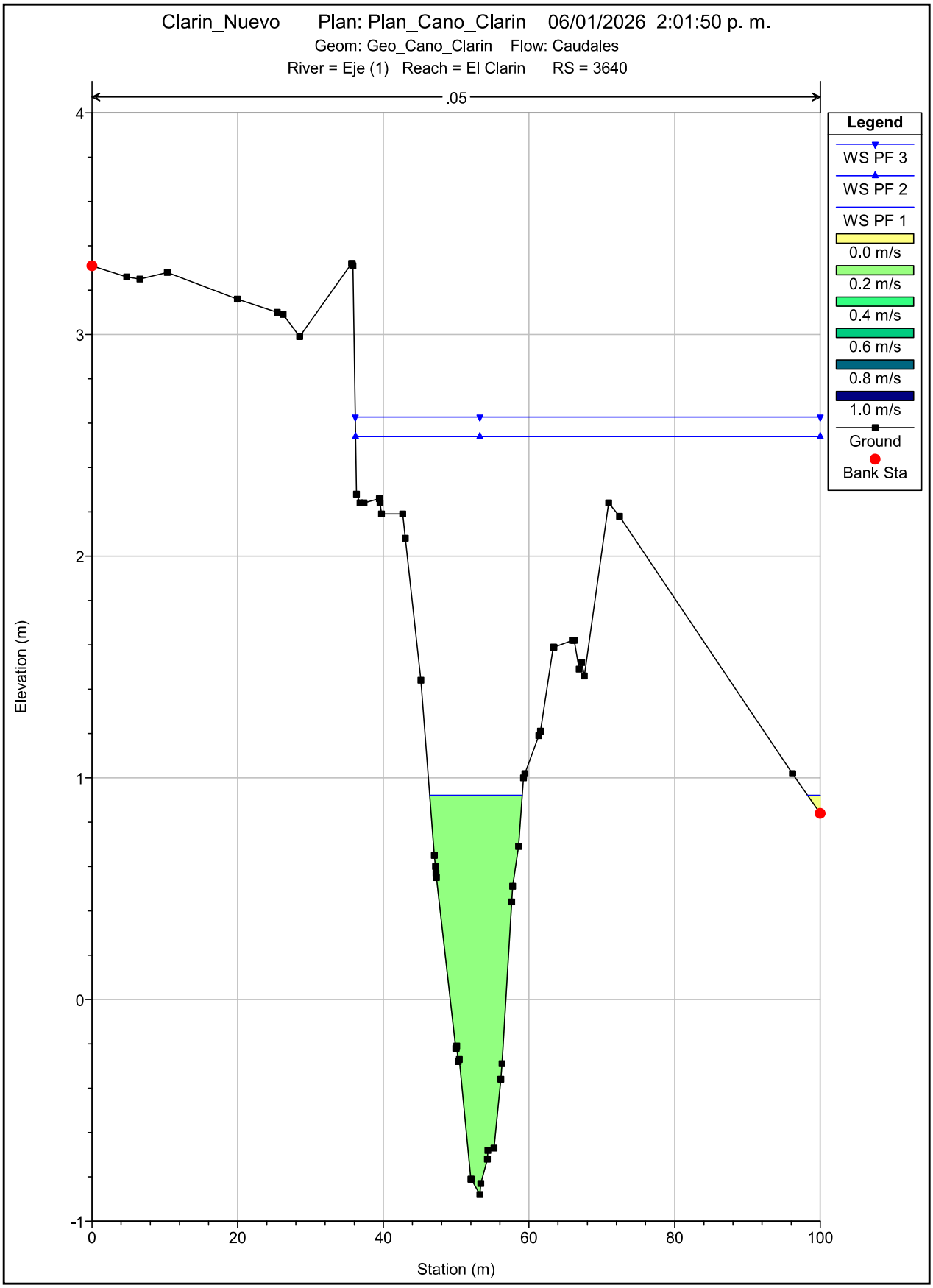

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3740
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
-3
0
20
40
60
80
100

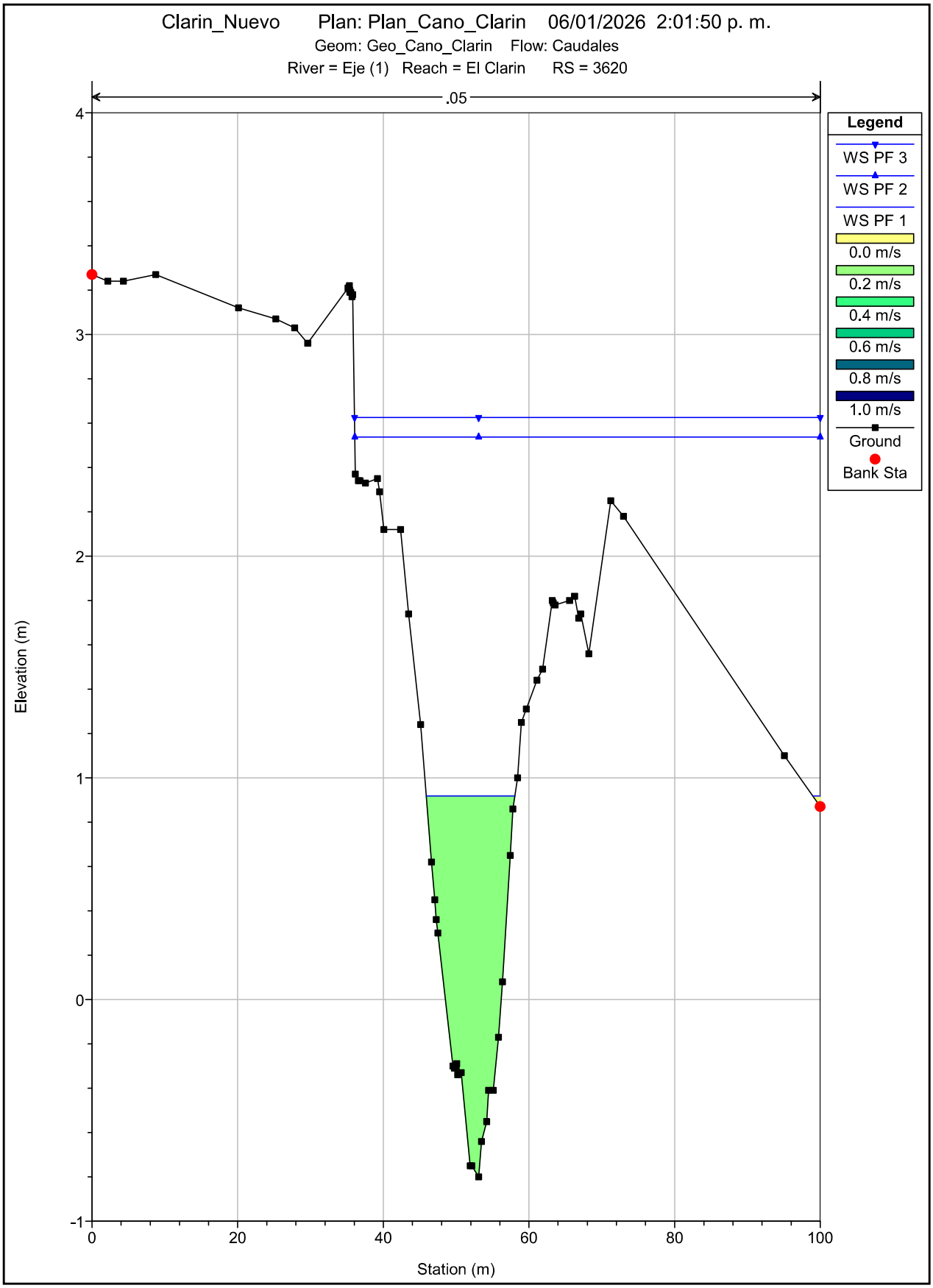

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3720
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
0
20
40
60
80
100

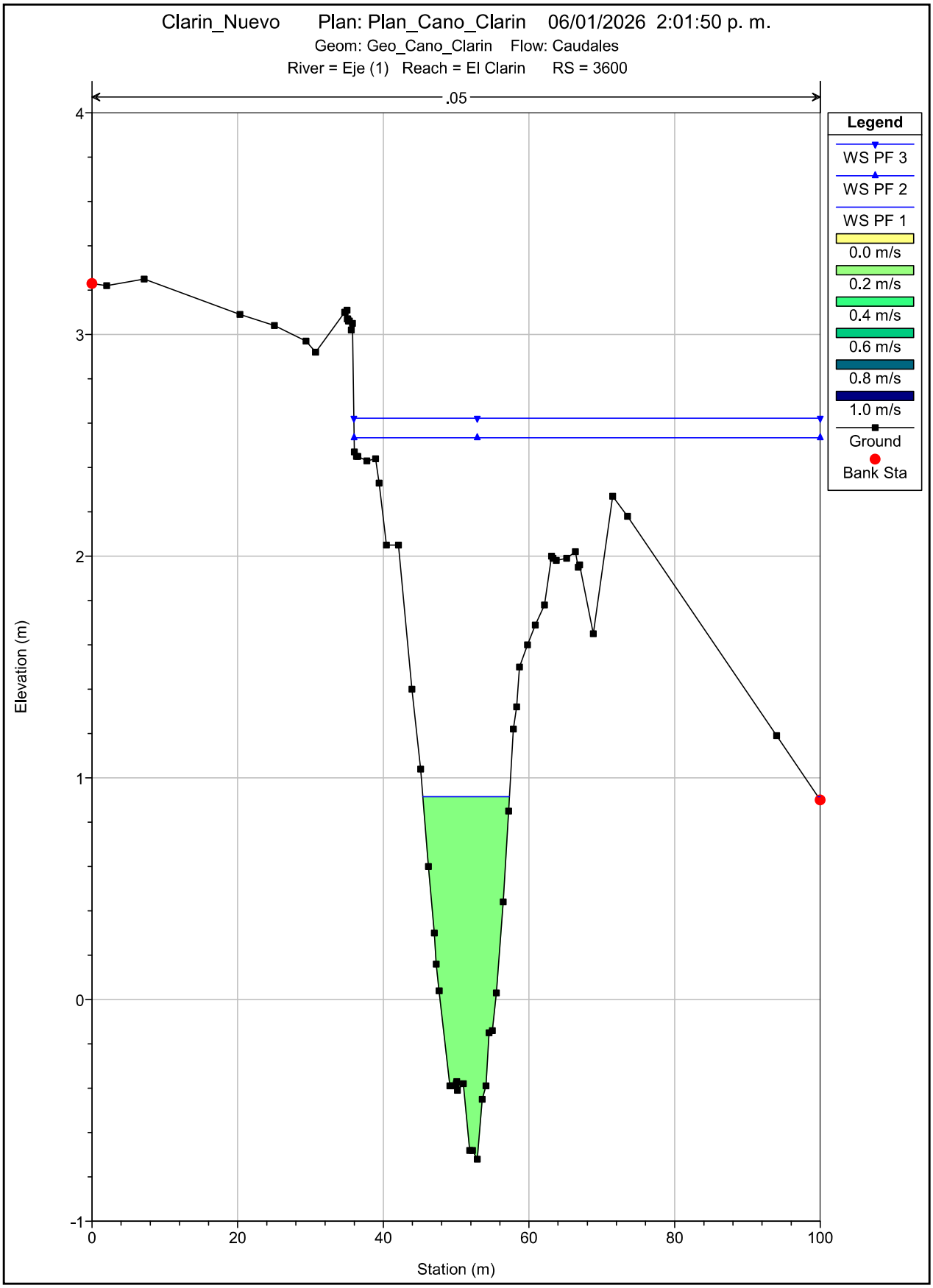

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3700
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
0
20
40
60
80
100

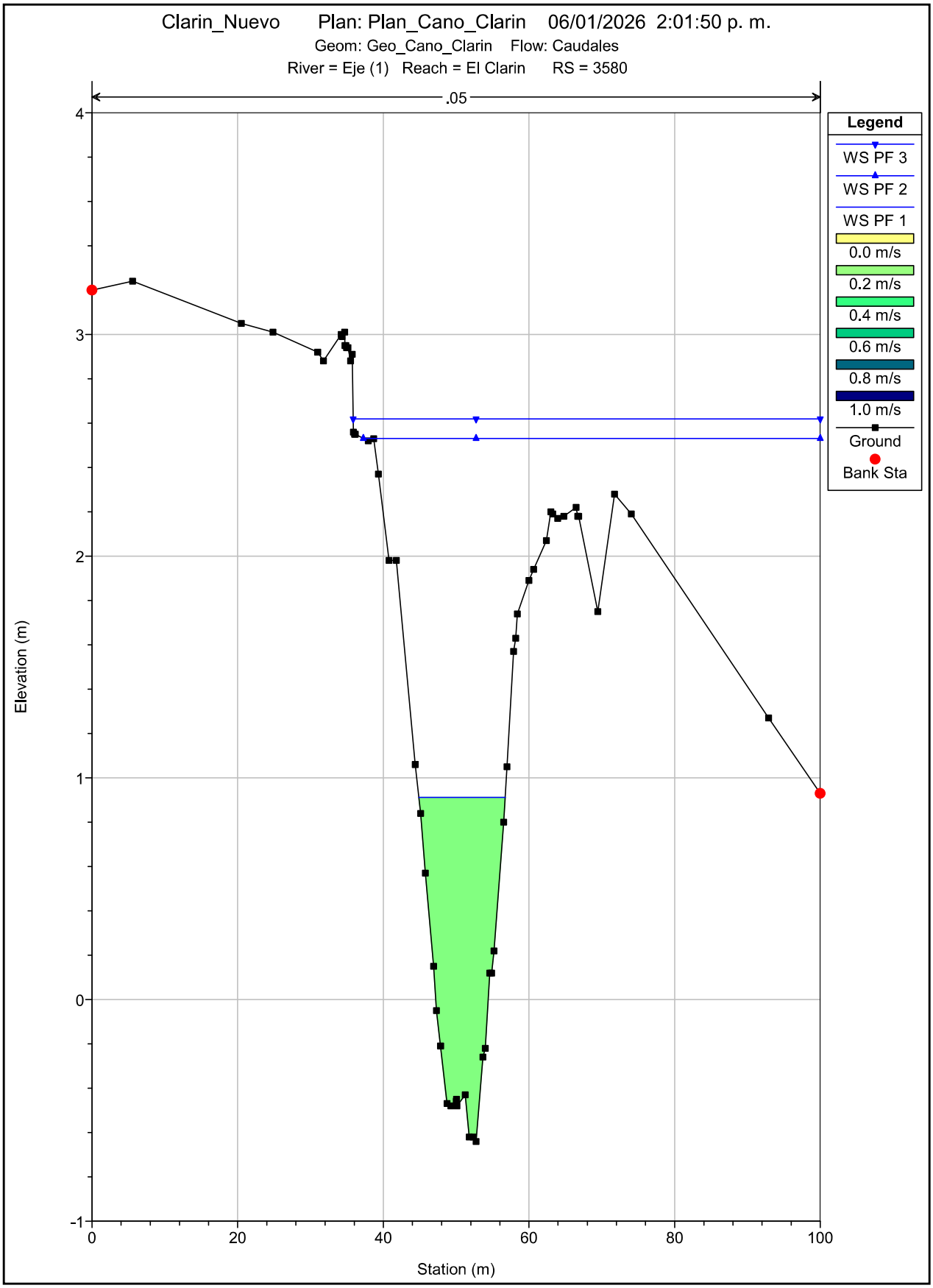

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3680
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
0
20
40
60
80
100

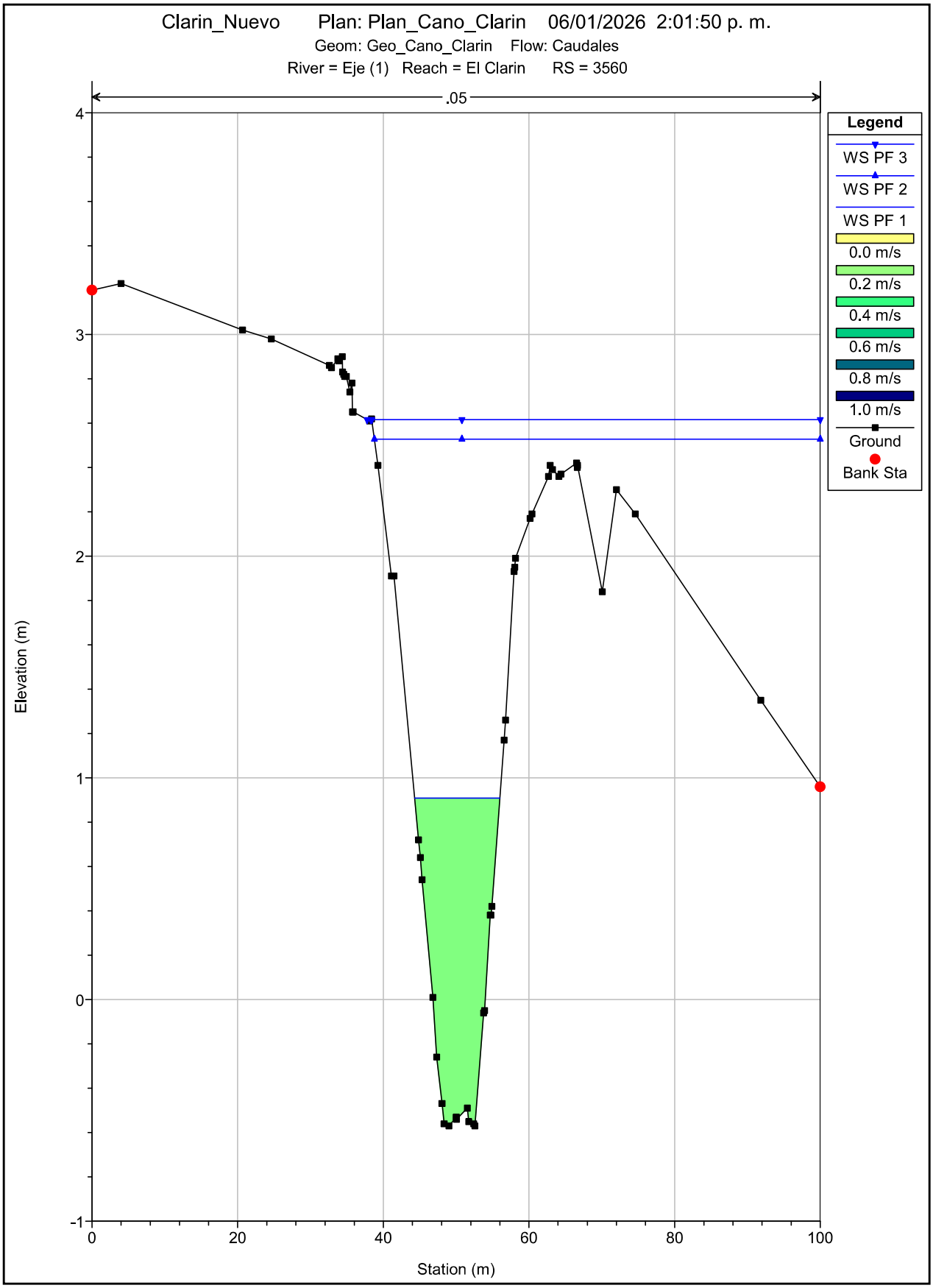

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3660
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
-2
0
20
40
60
80
100

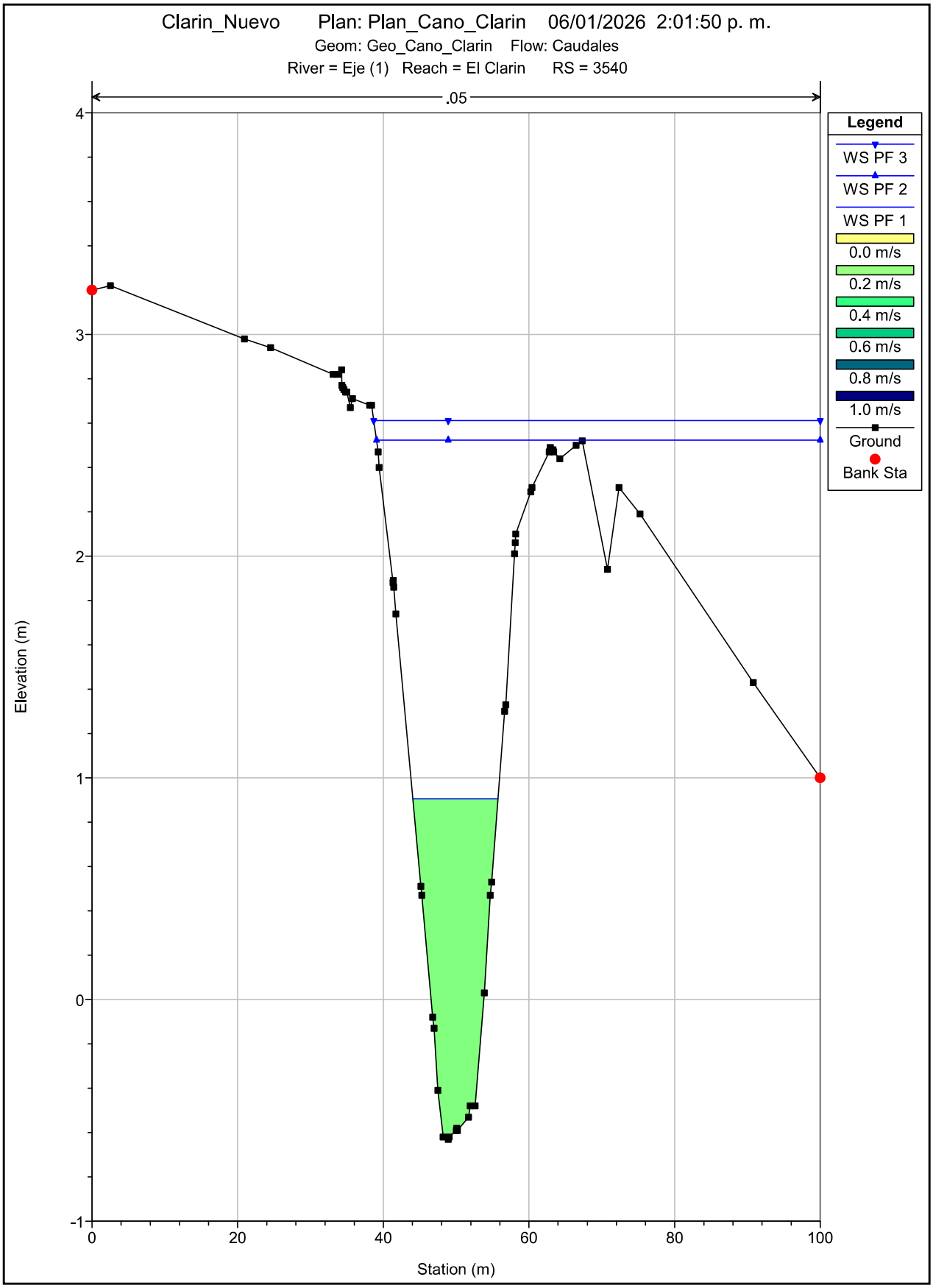

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3640
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

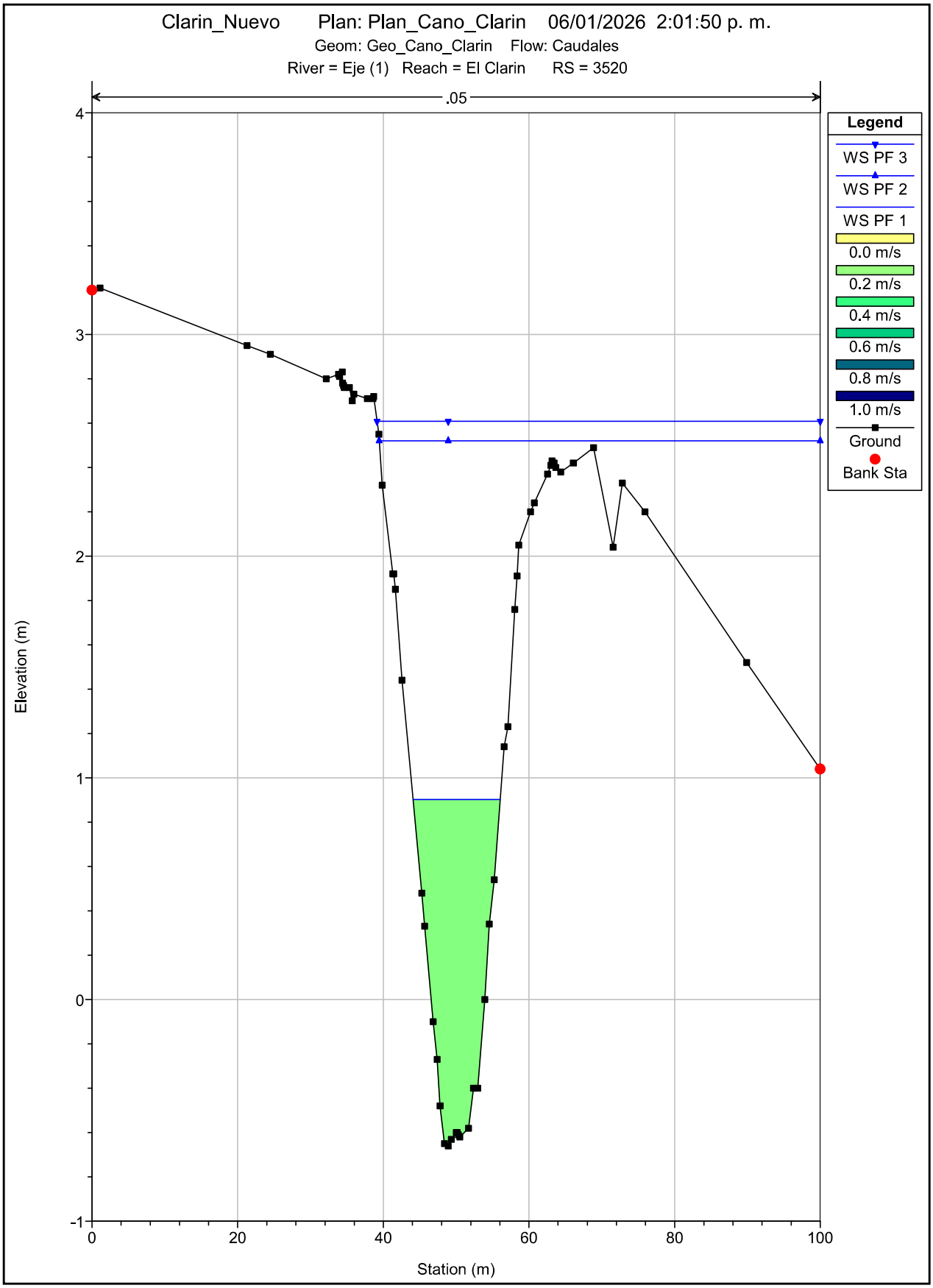

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3620
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

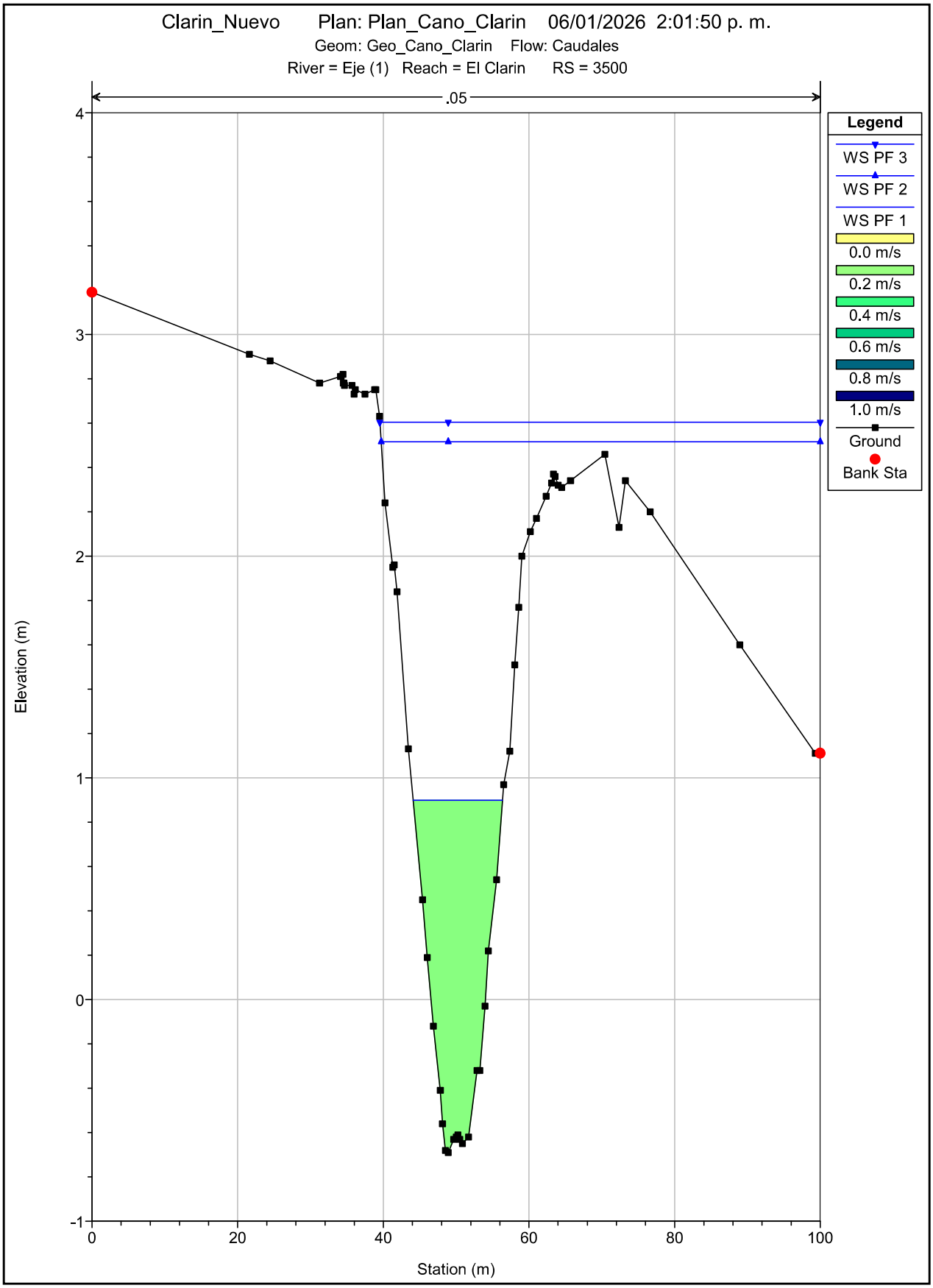

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3600
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

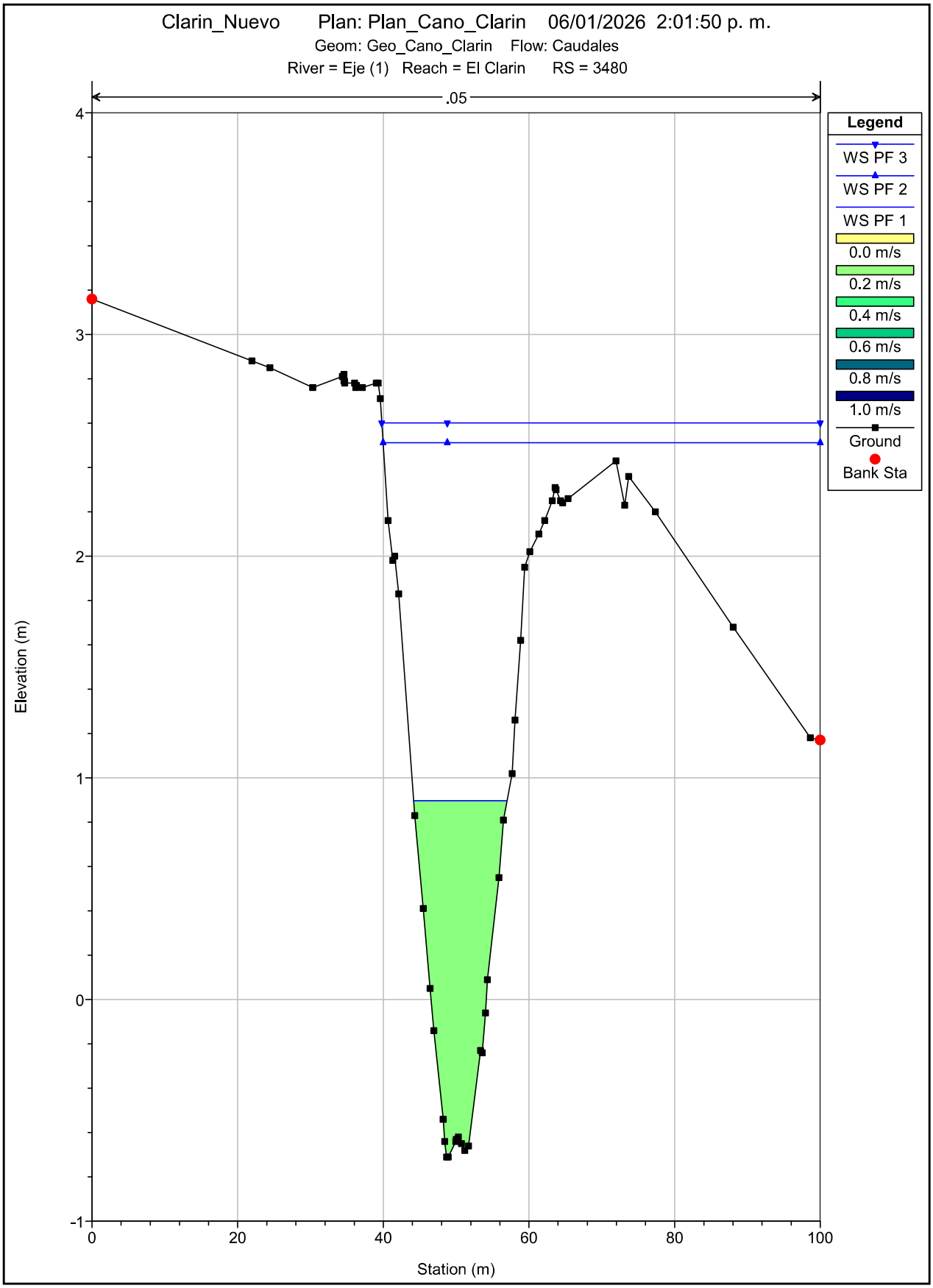

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3580
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

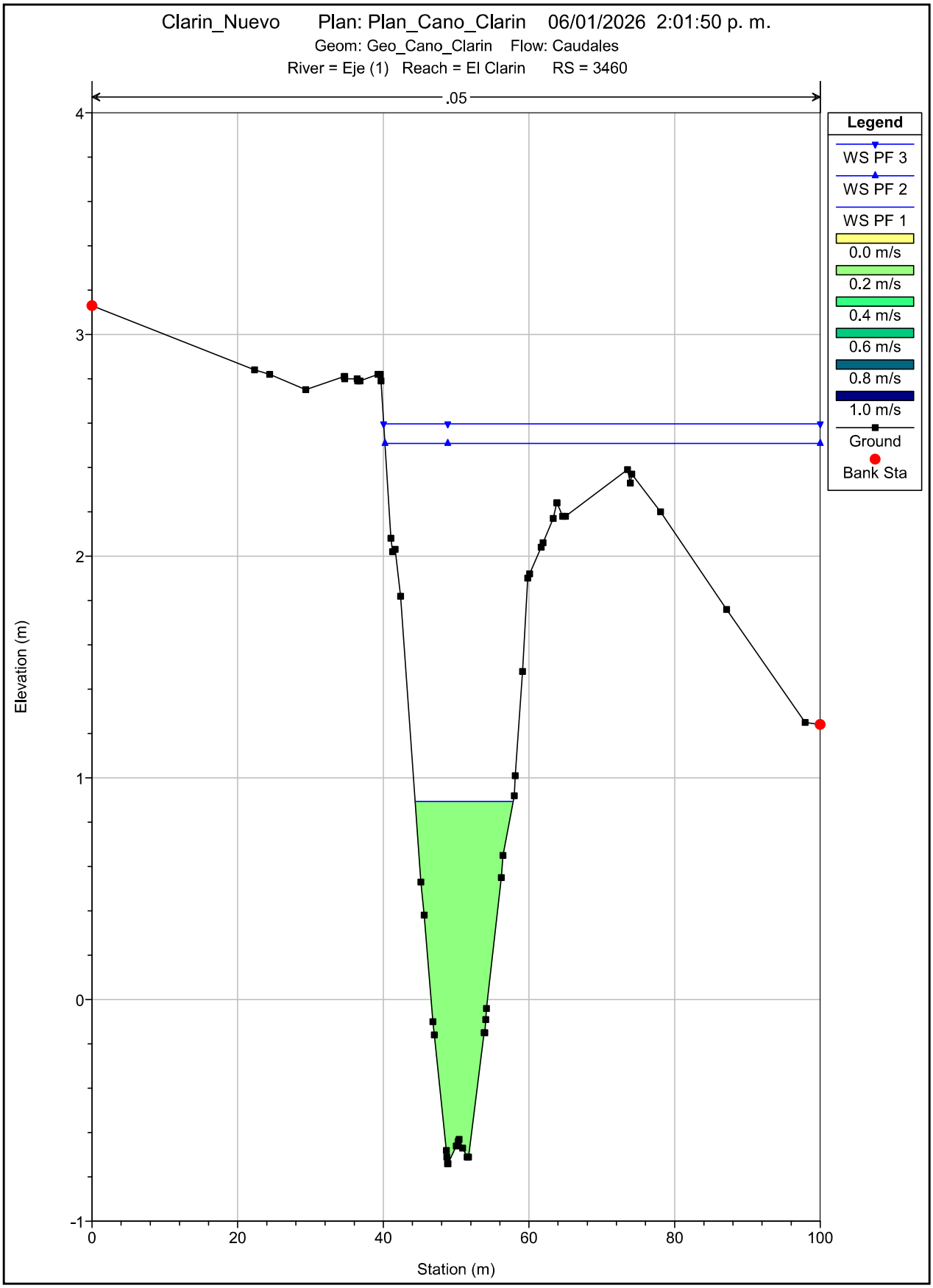

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3560
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

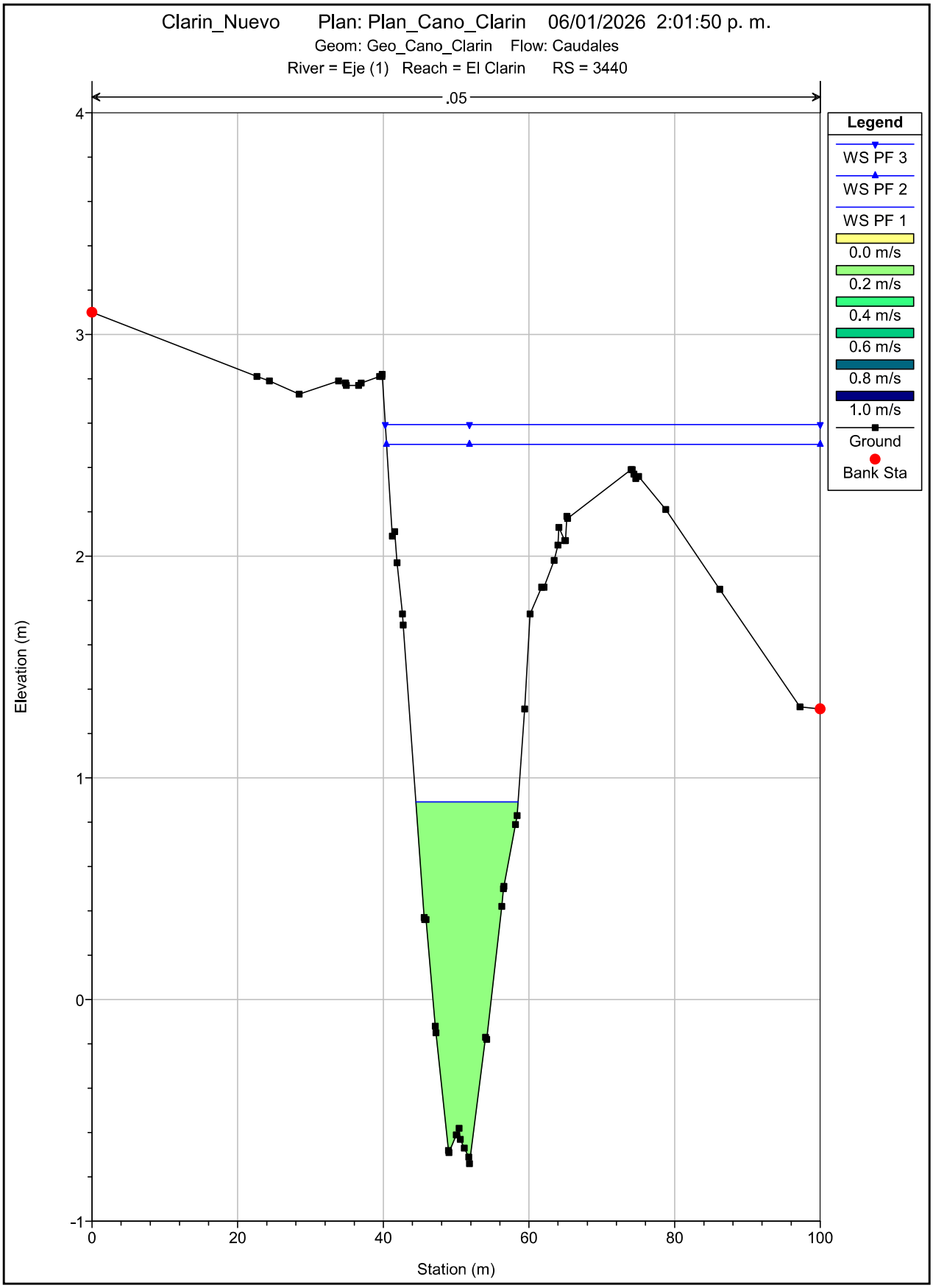

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3540
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

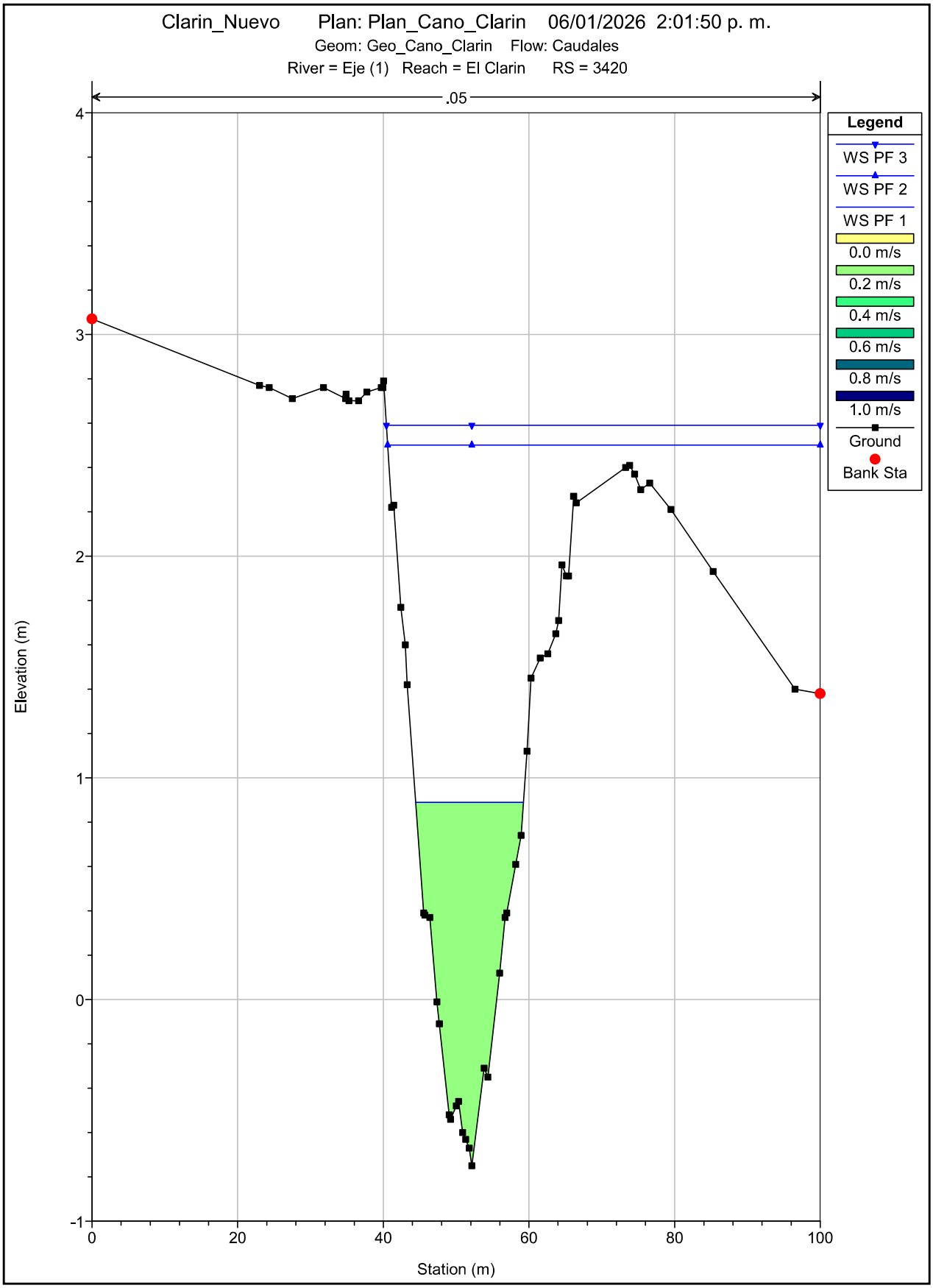

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3520
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

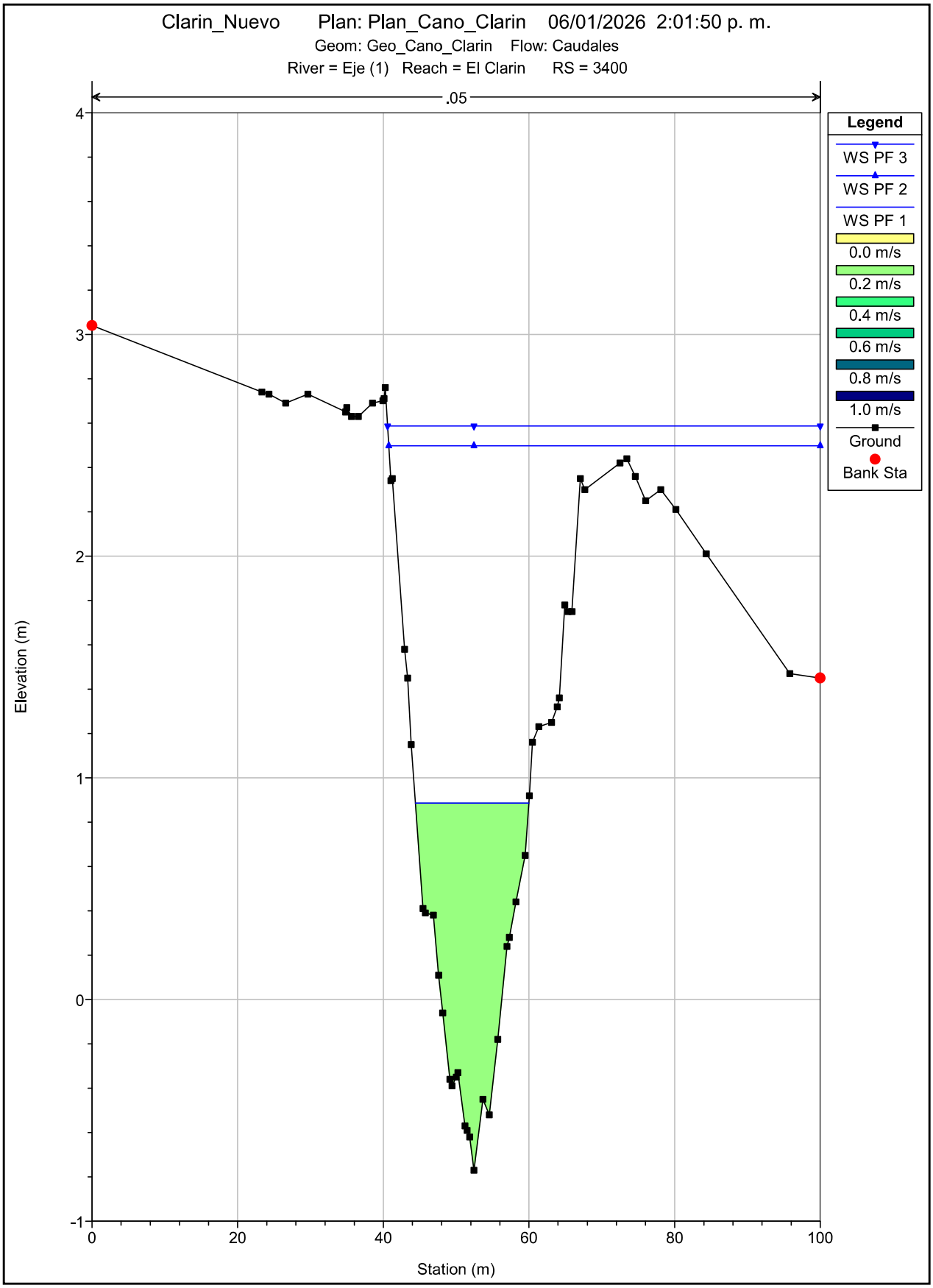

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3500
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

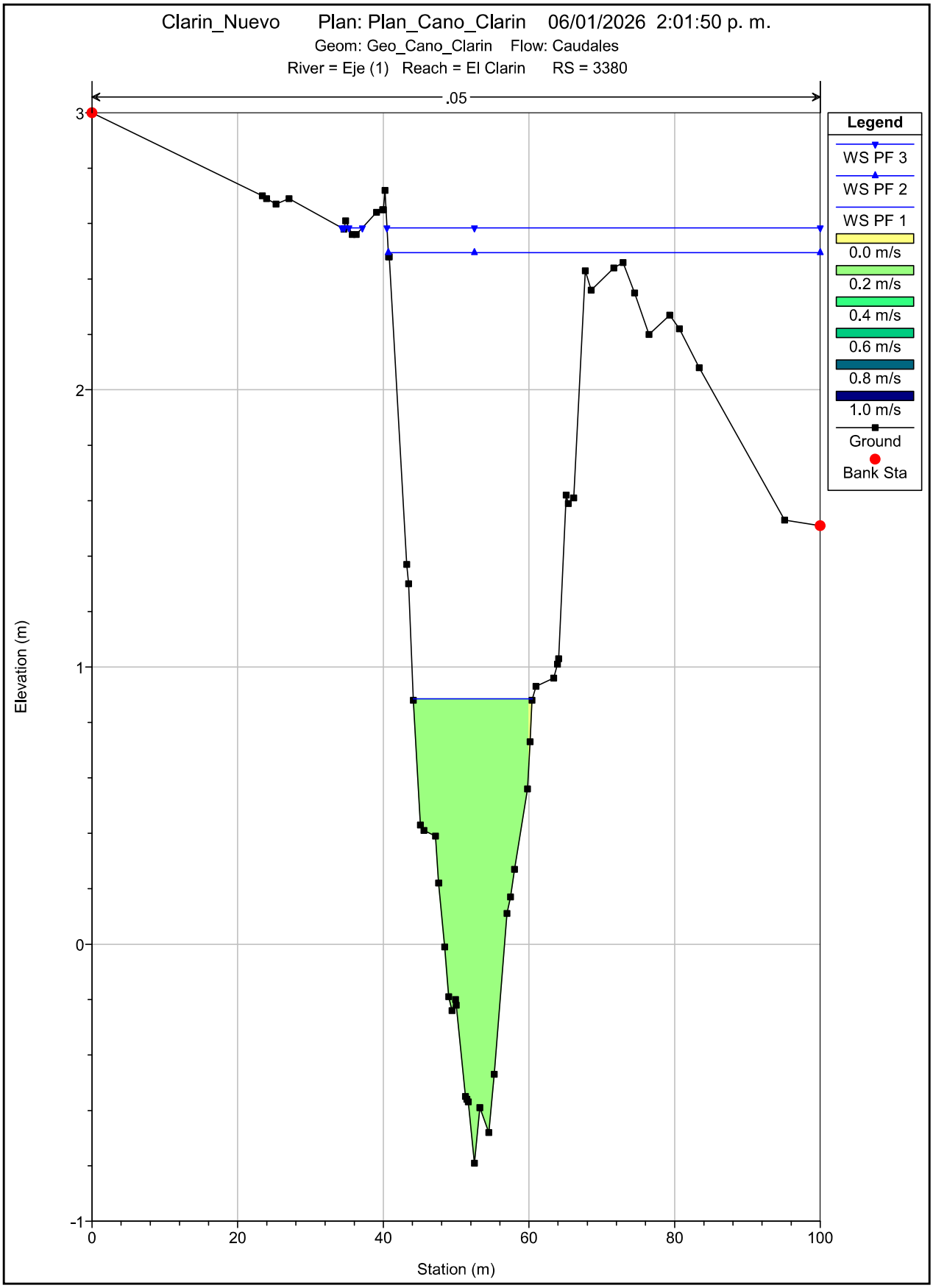

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3480
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

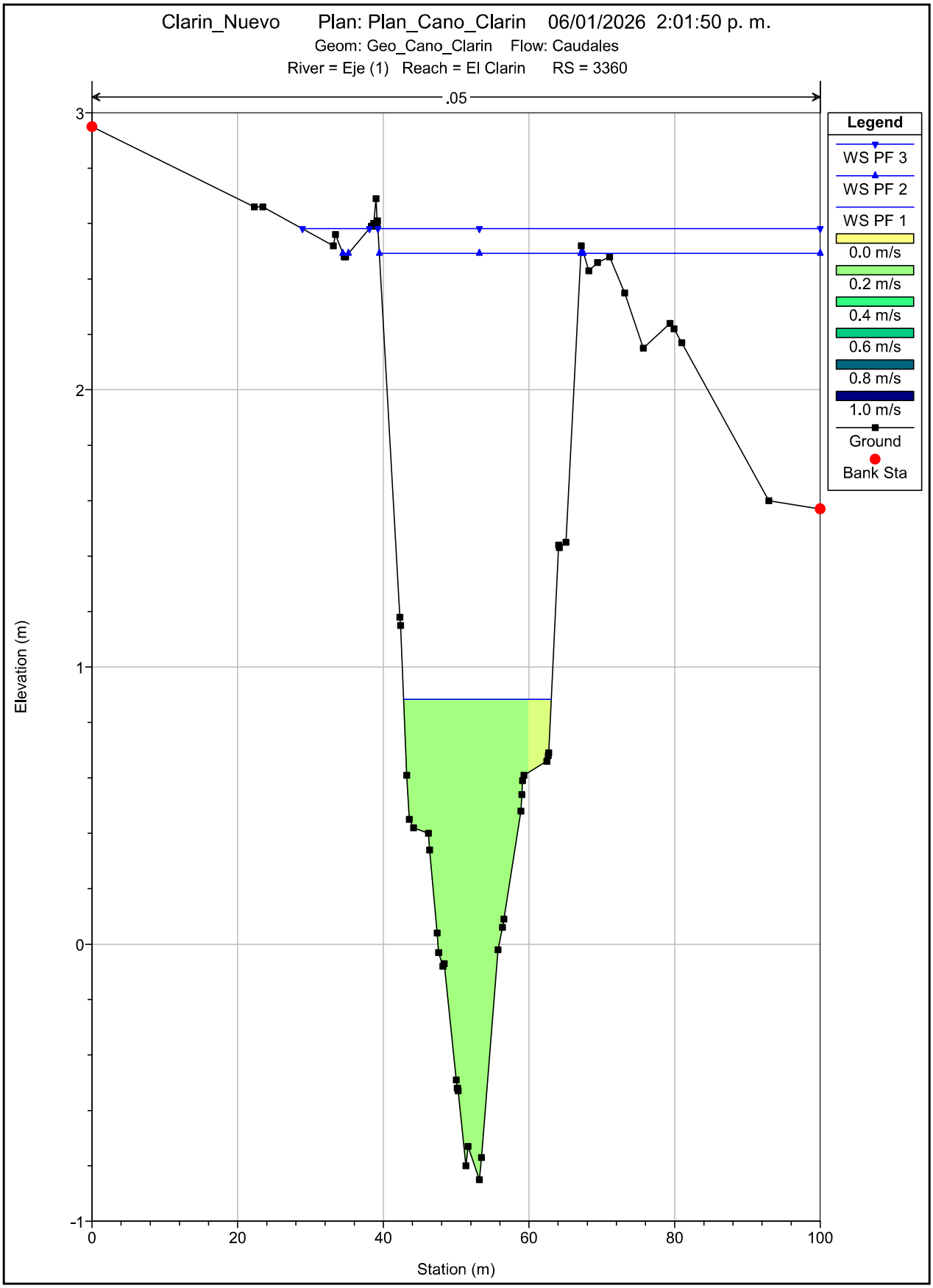

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3460
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

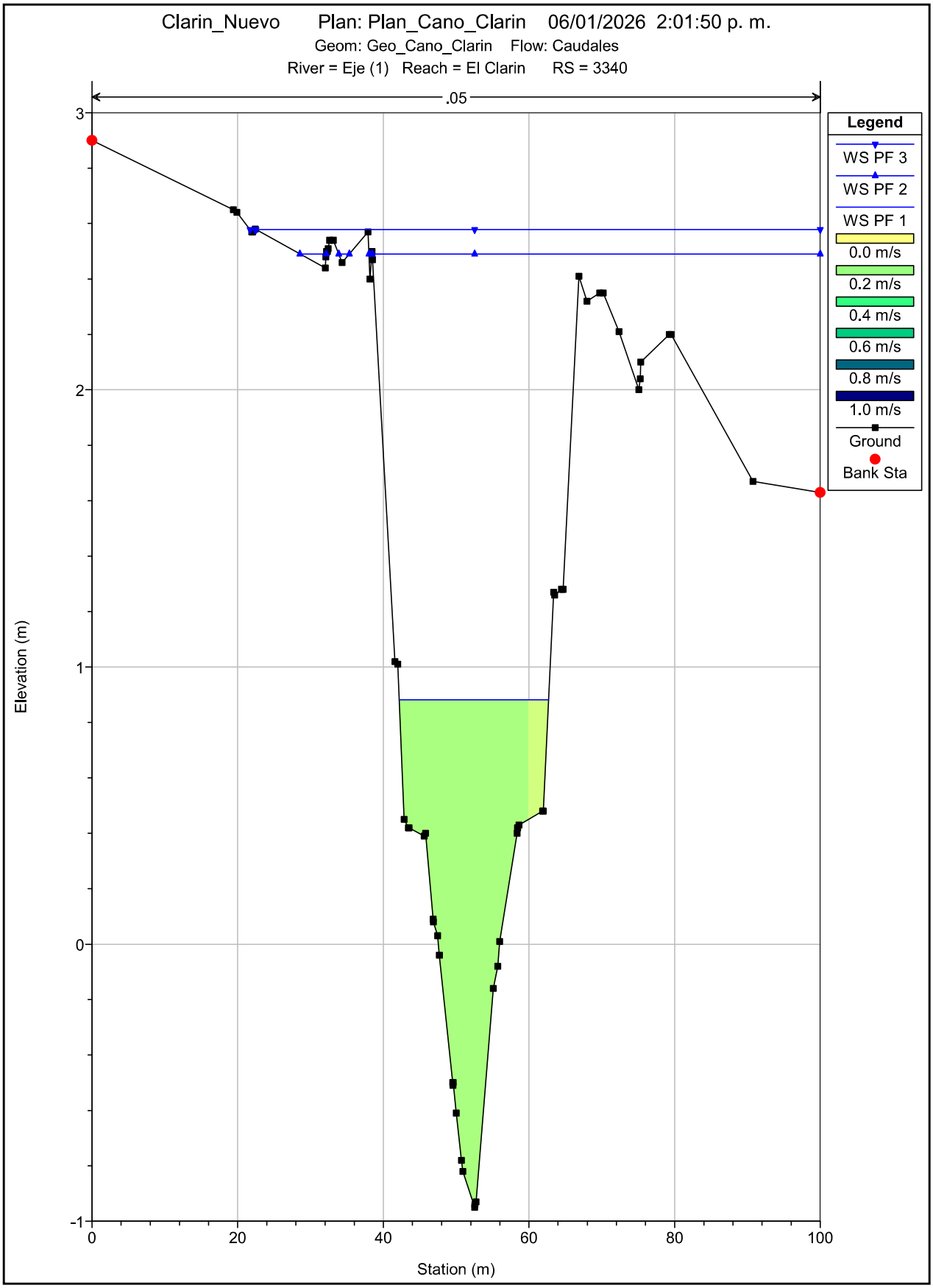

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3440
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

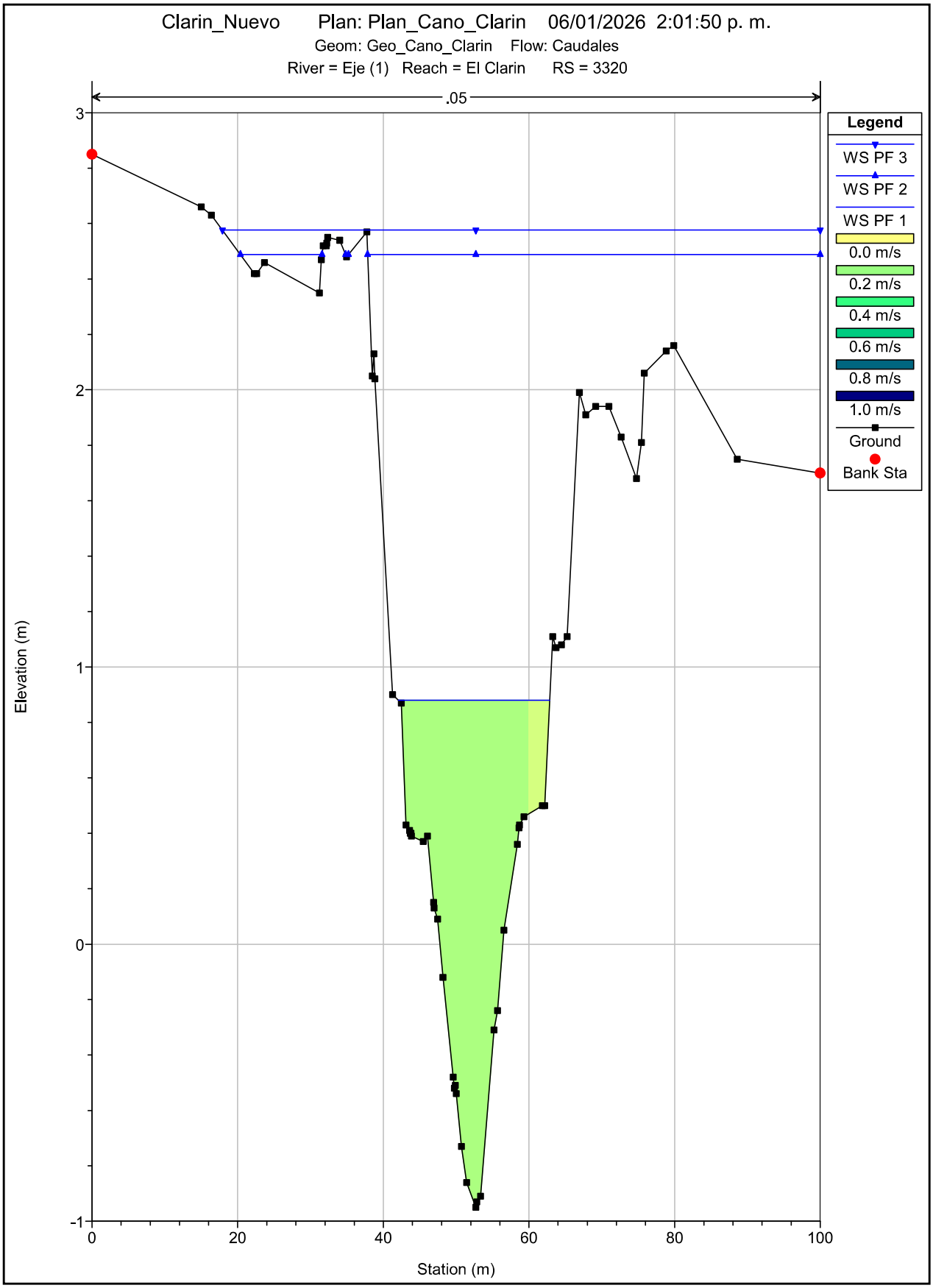

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3420
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

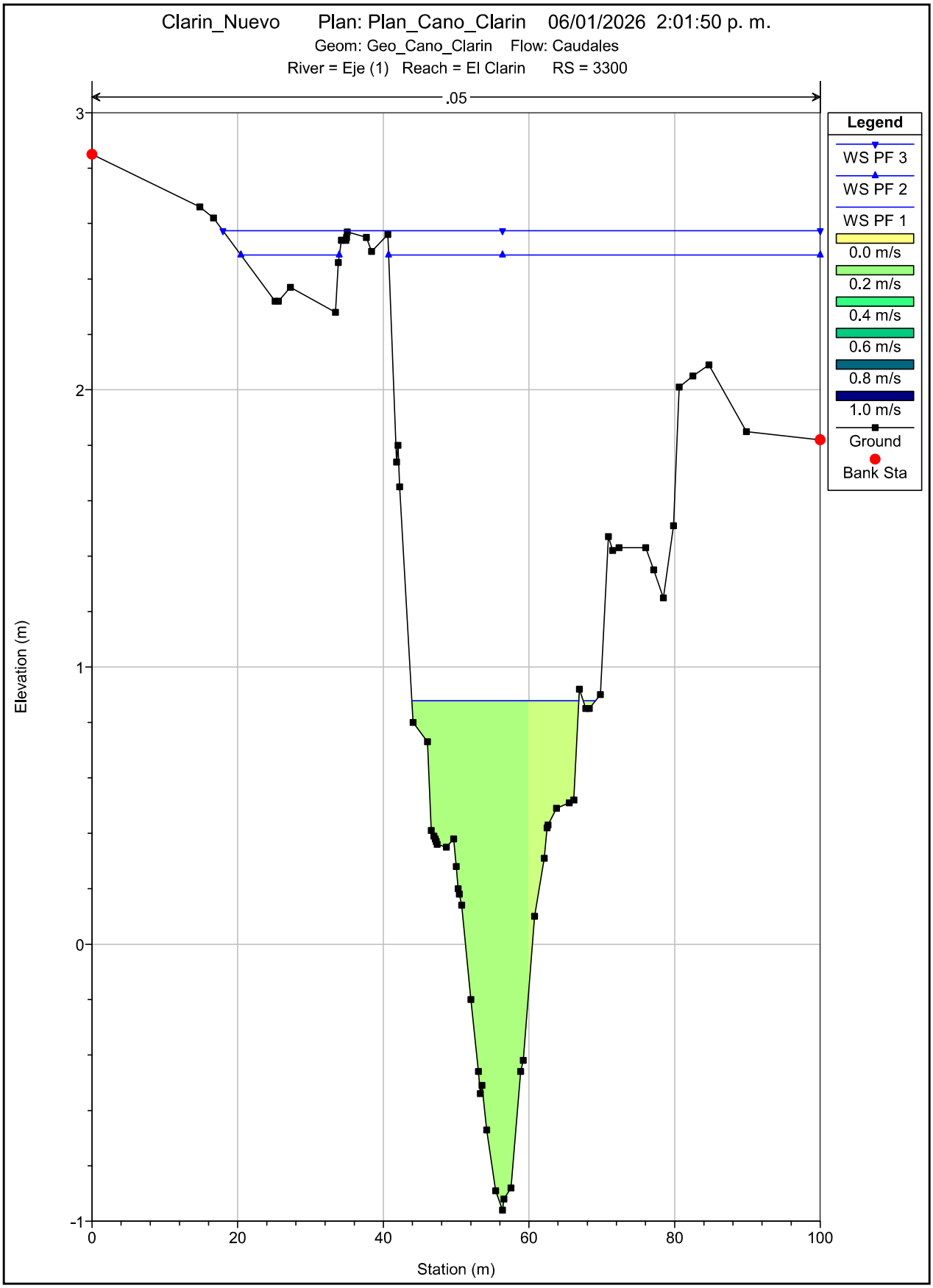

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3400
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
4
3
2
1
0
-1
0
20
40
60
80
100

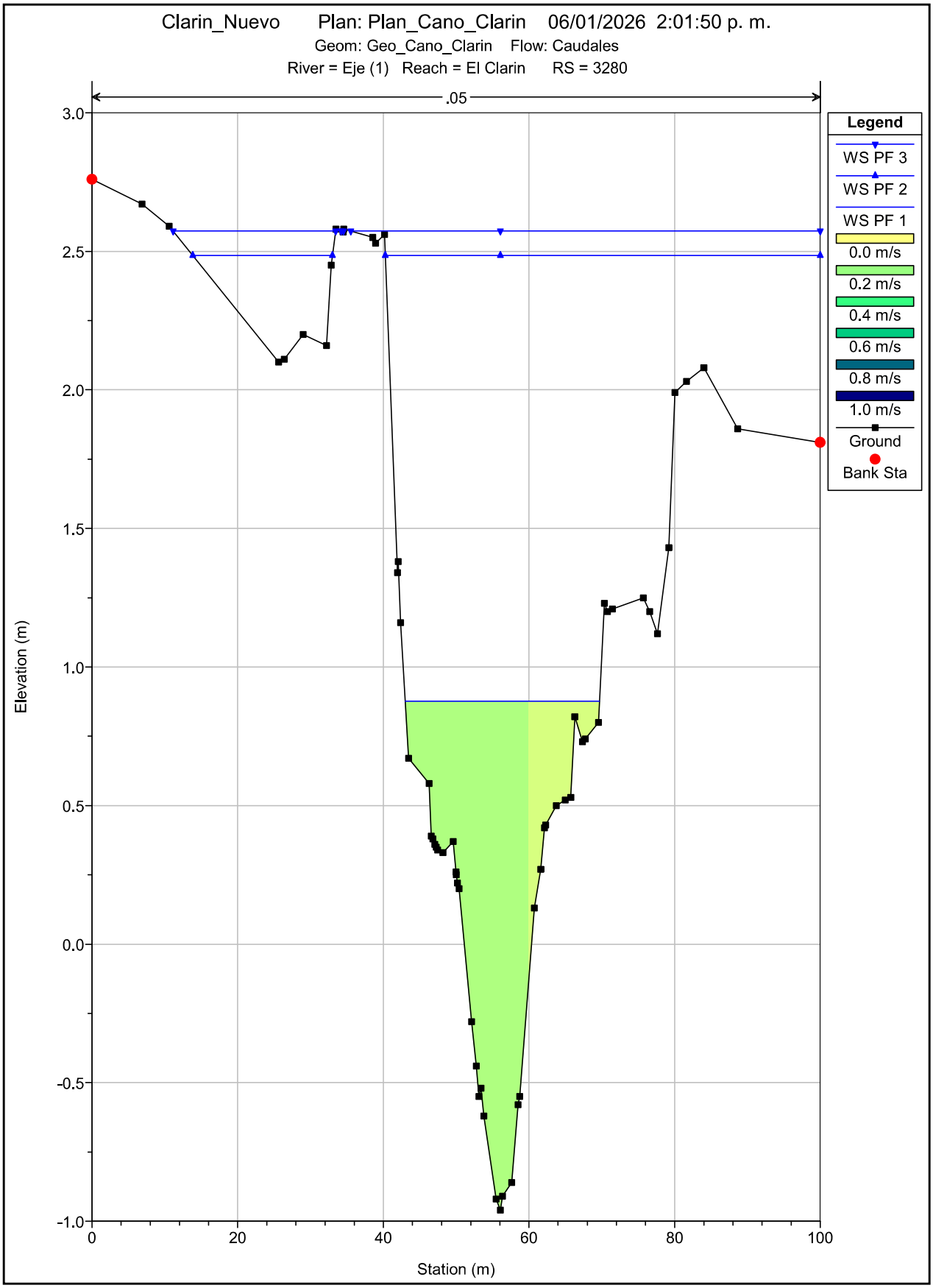

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3380
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
0
20
40
60
80
100

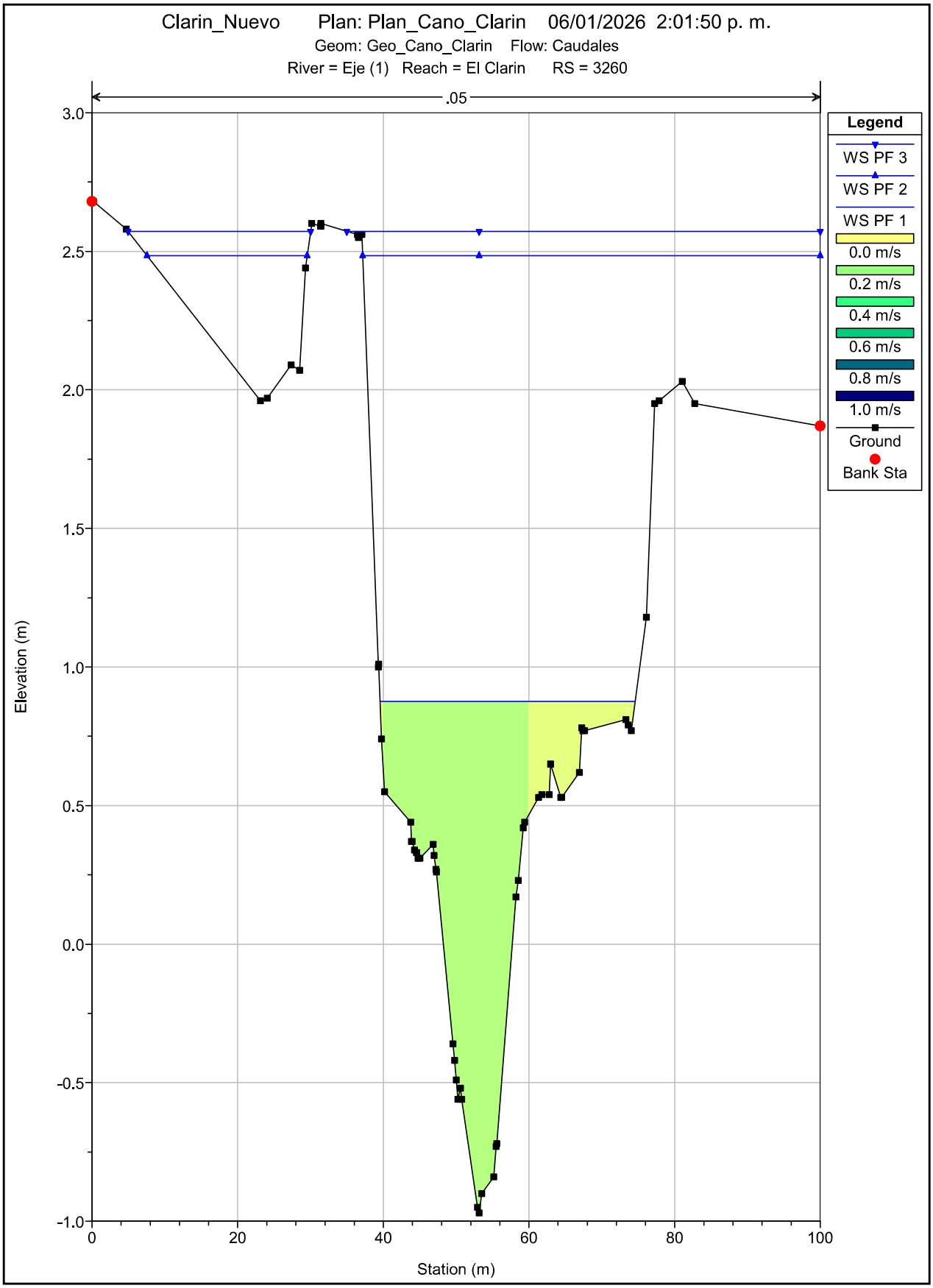

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3360
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
0
20
40
60
80
100

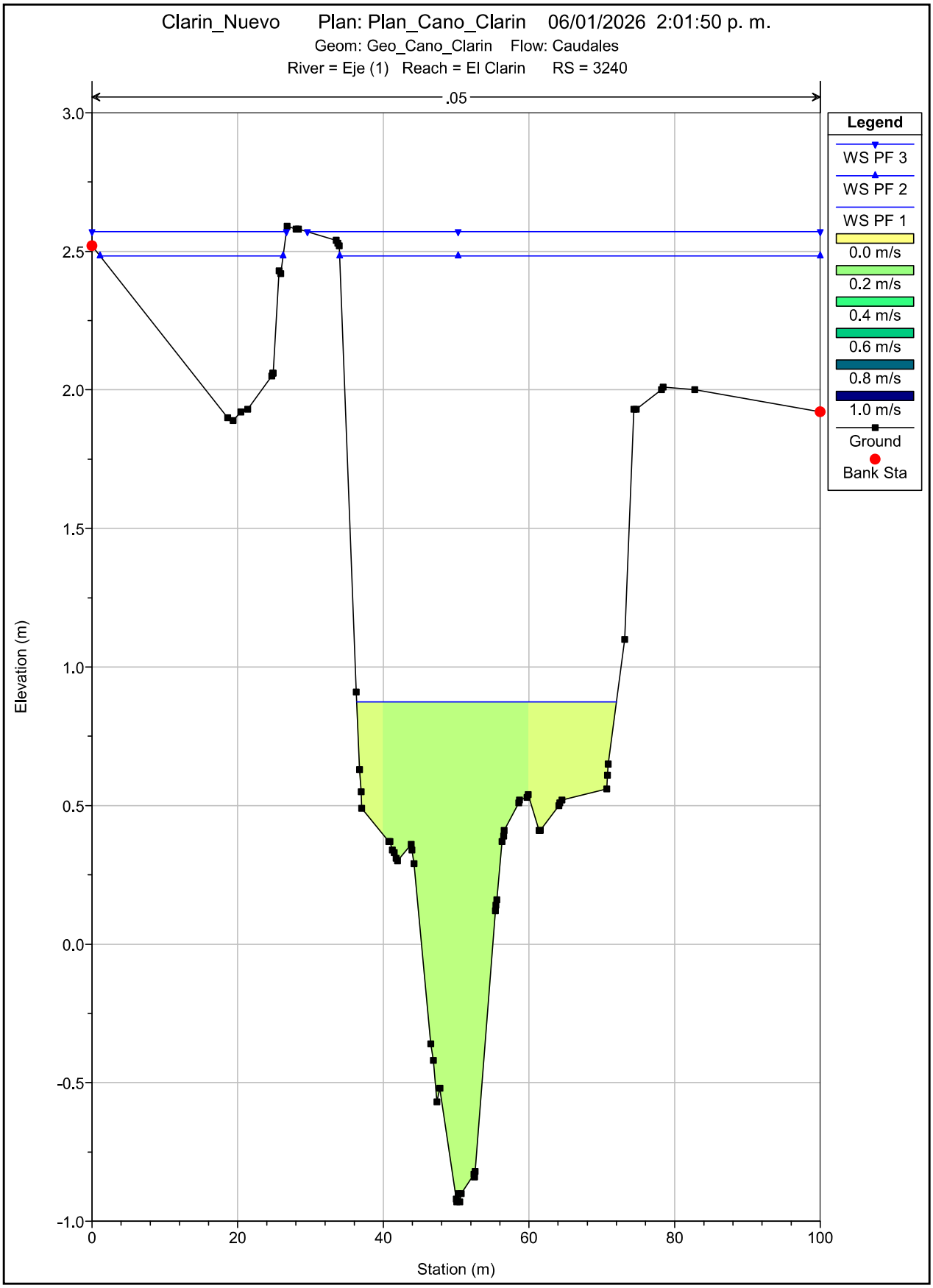

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3340
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
0
20
40
60
80
100

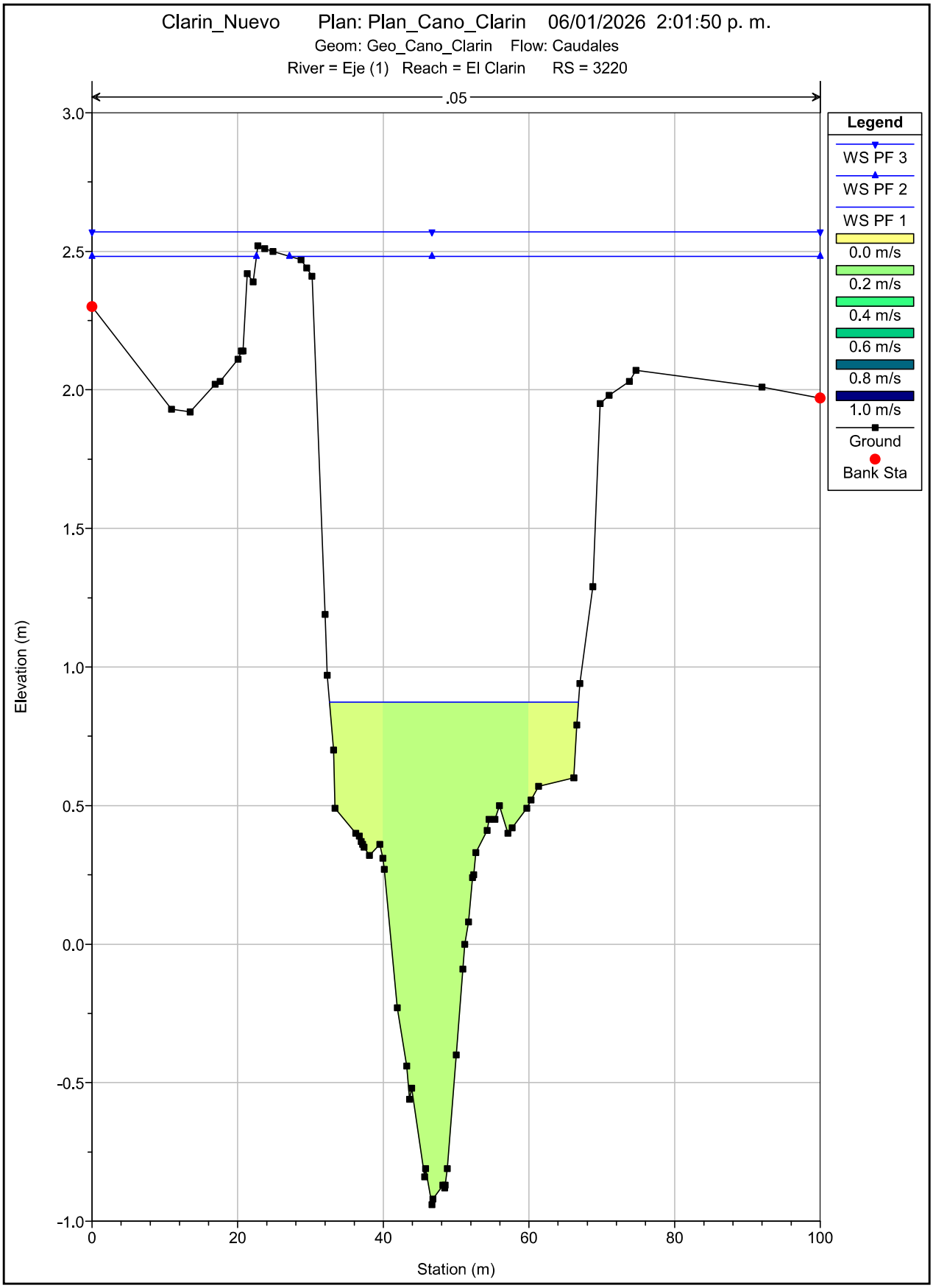

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3320
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
0
20
40
60
80
100

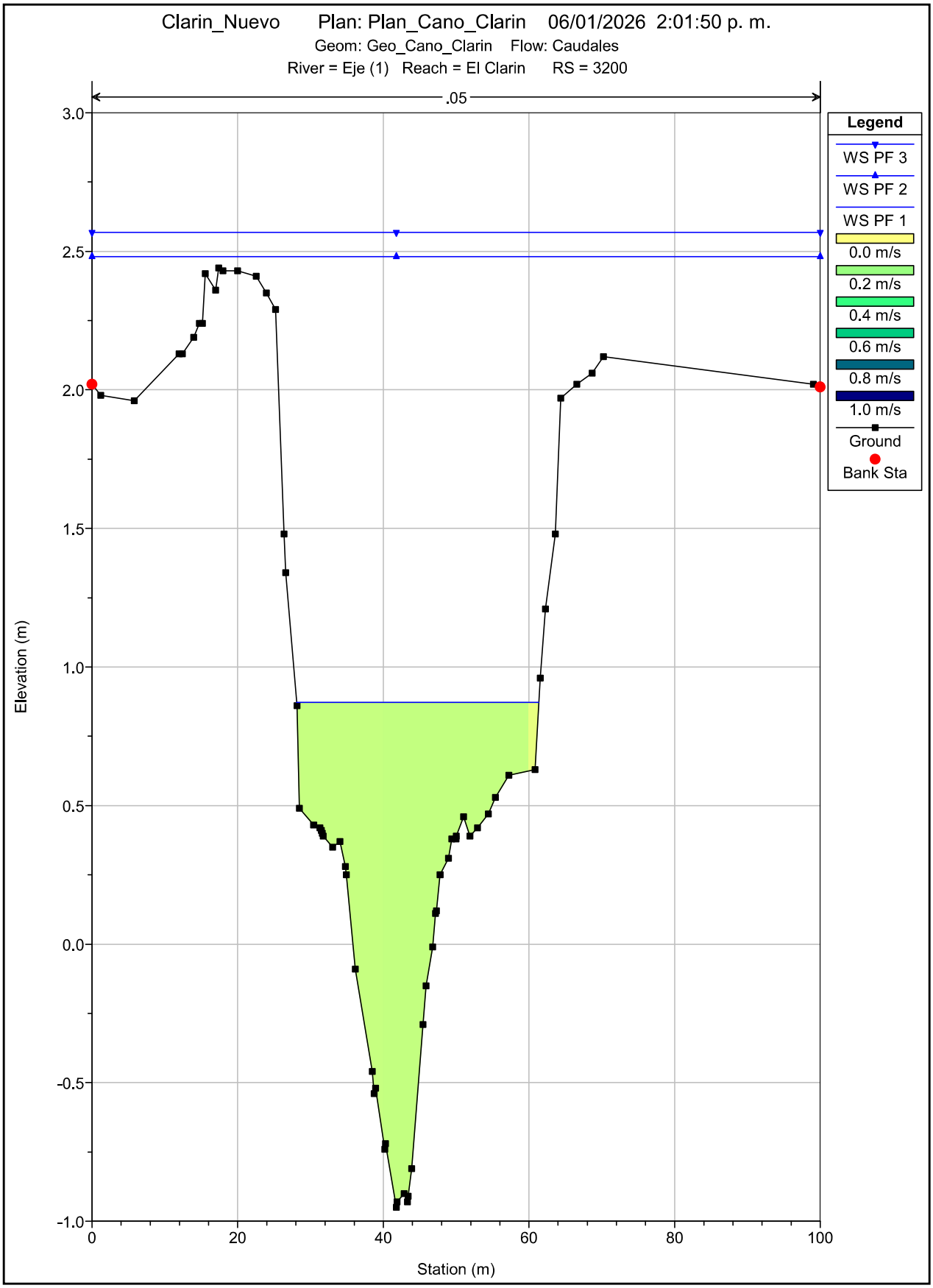

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3300
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
0
20
40
60
80
100

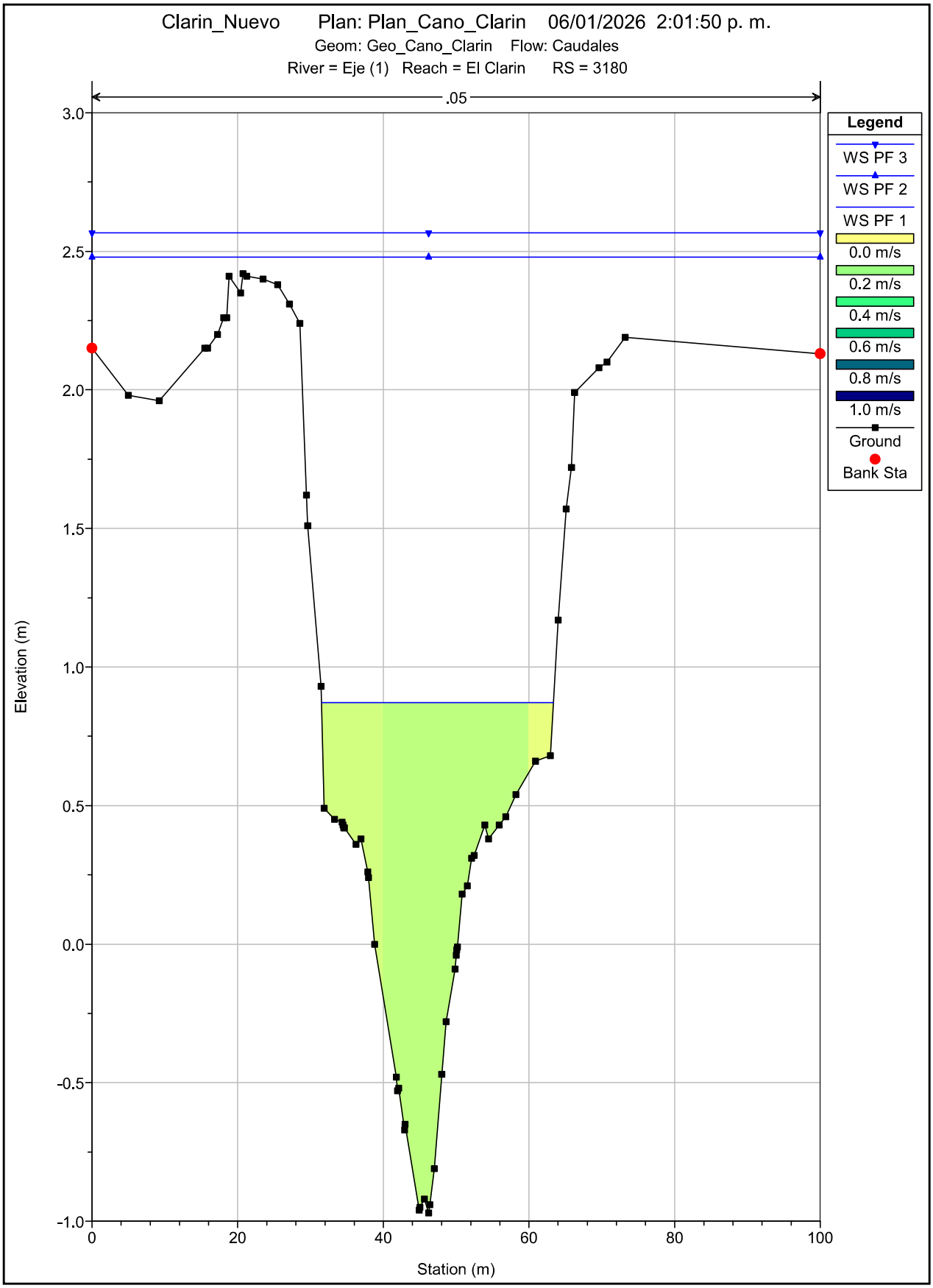

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3280
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

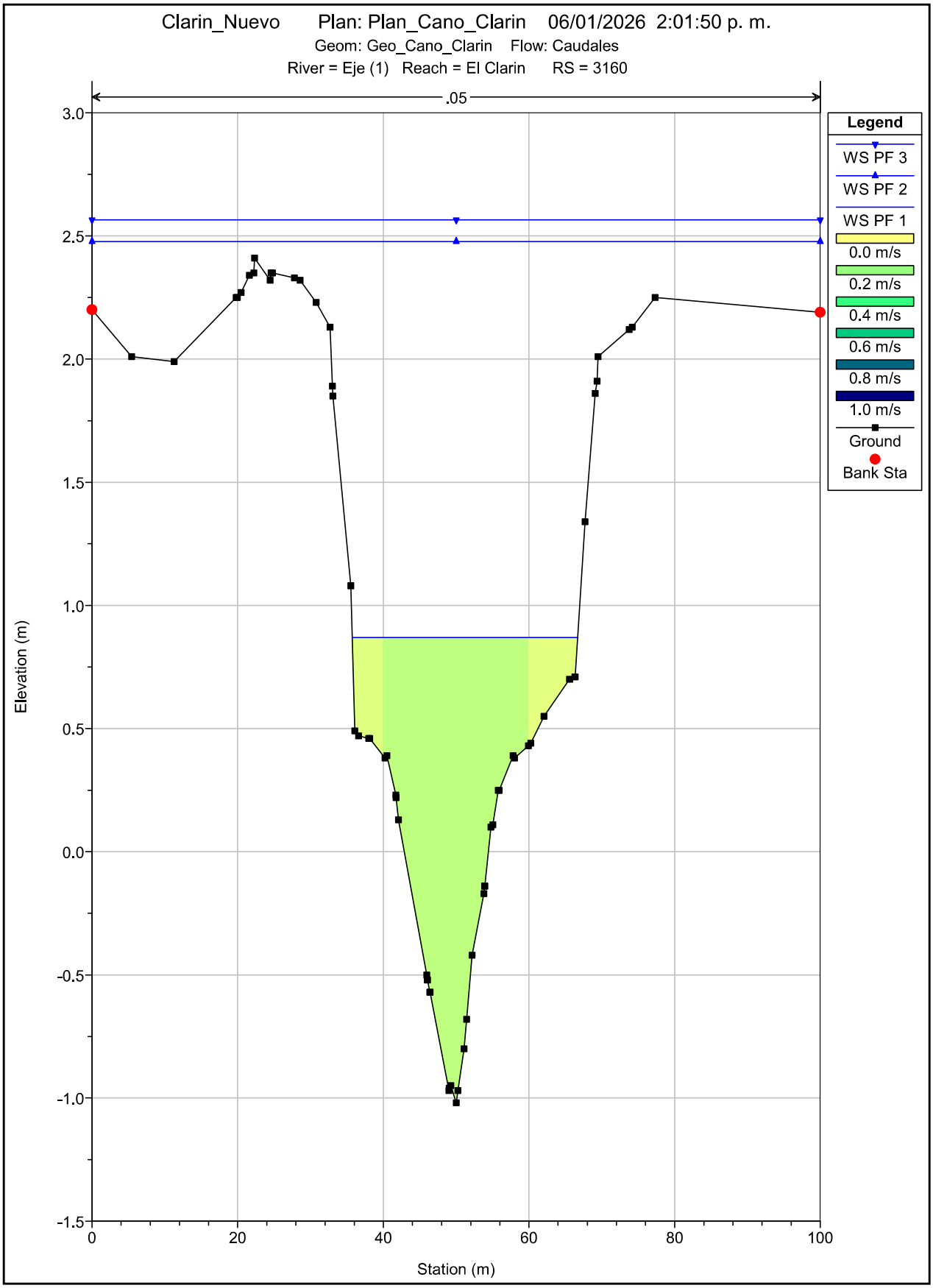

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3260
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

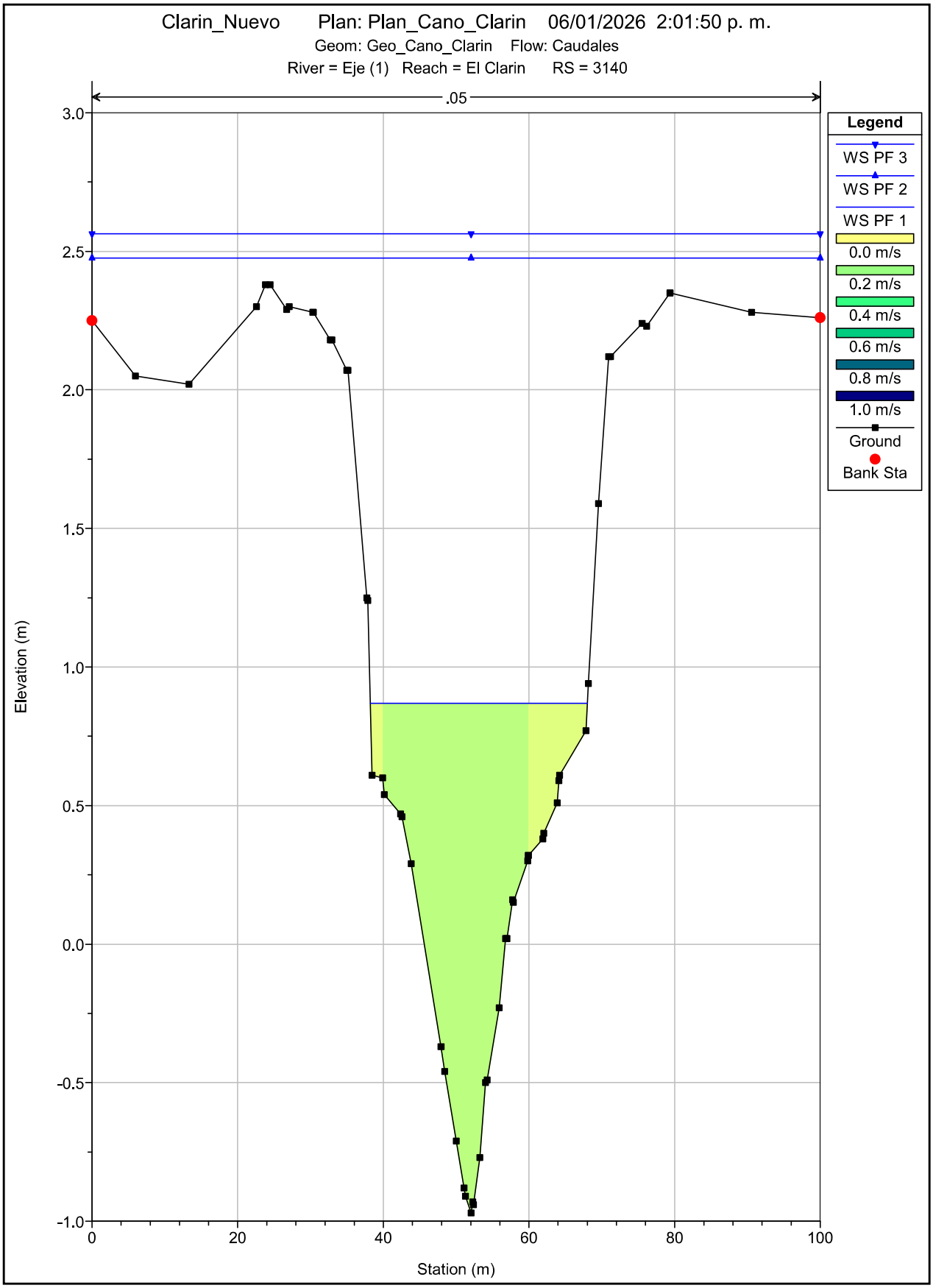

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3240
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

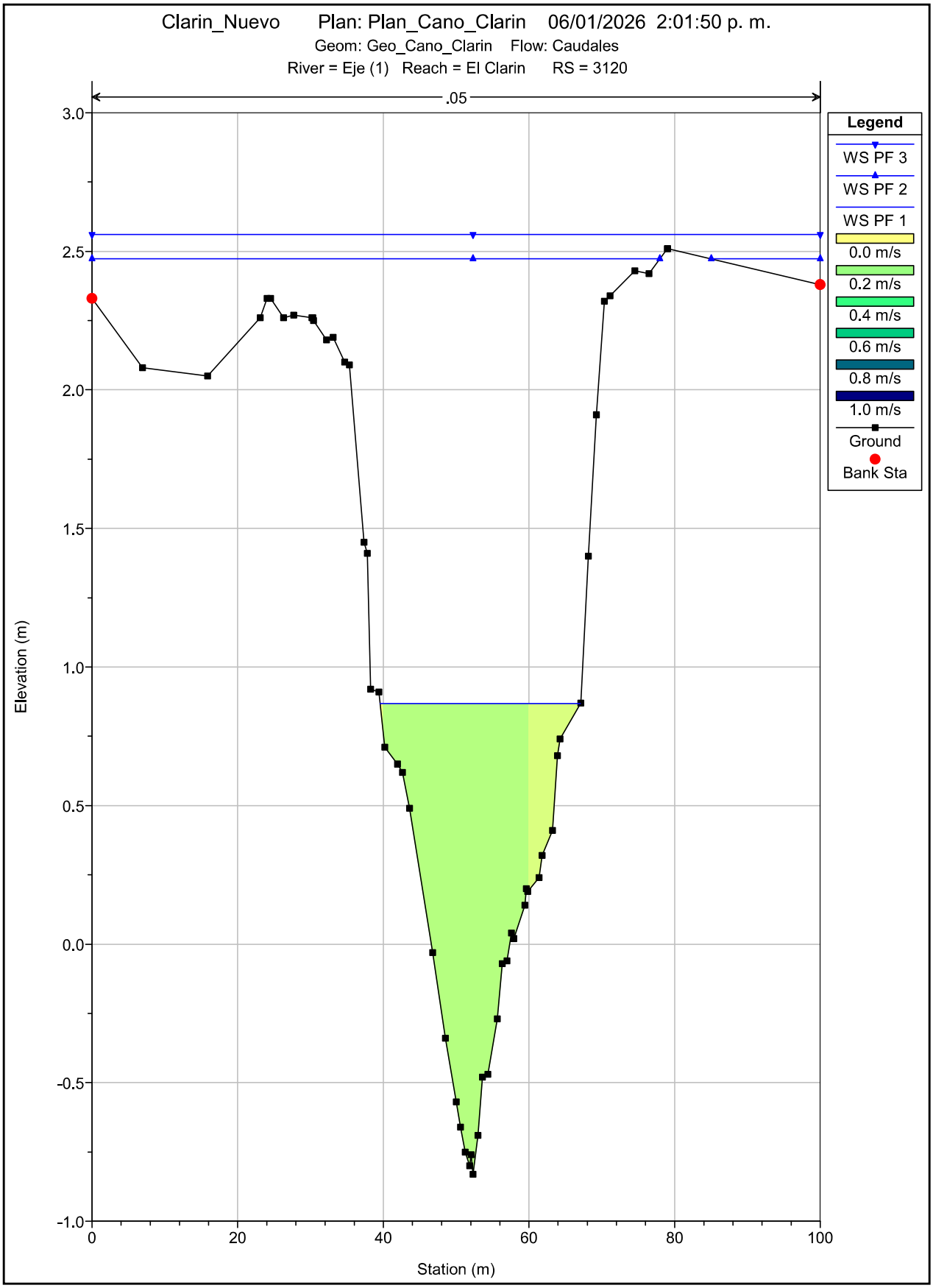

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3220
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

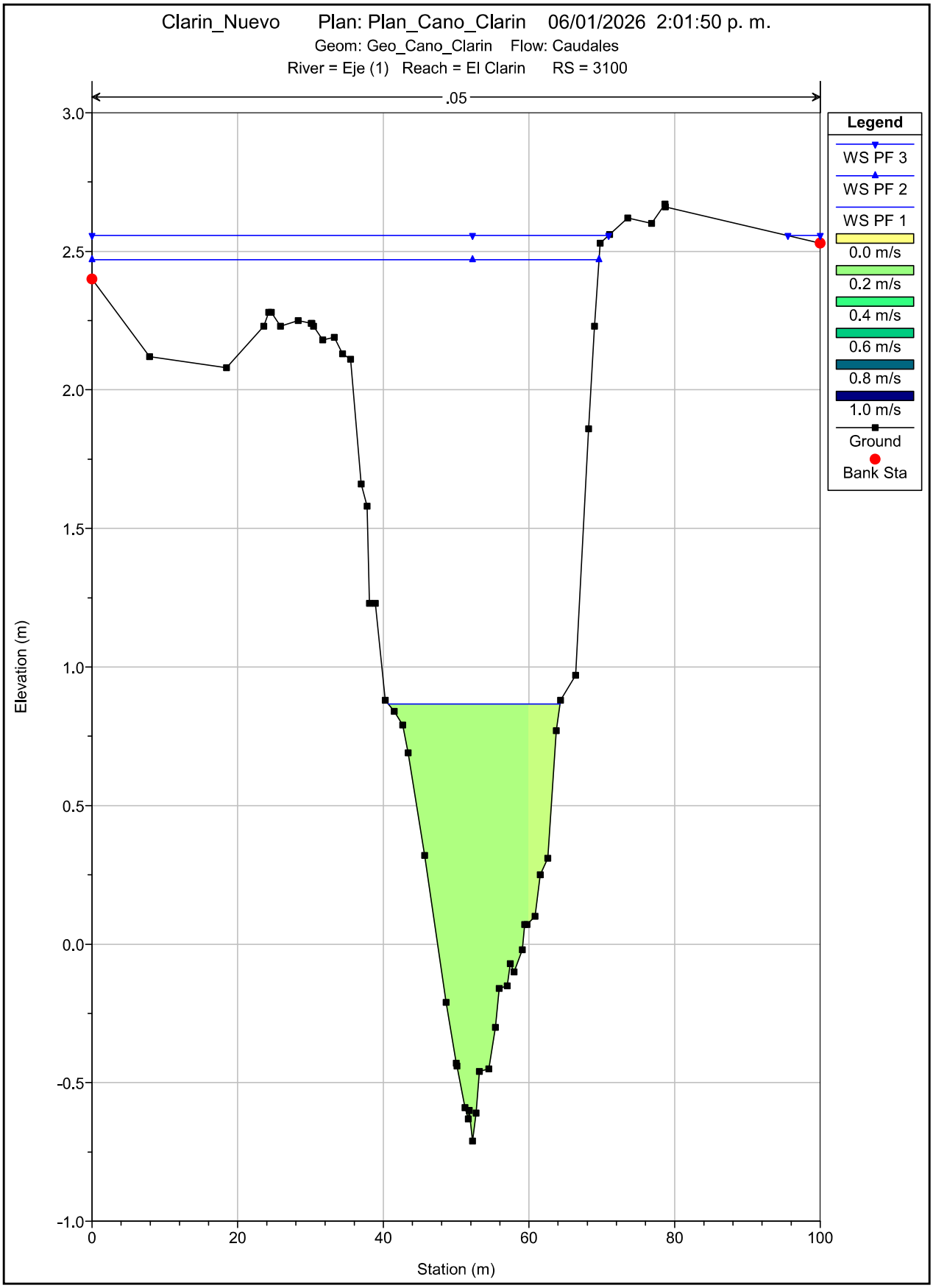

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3200
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

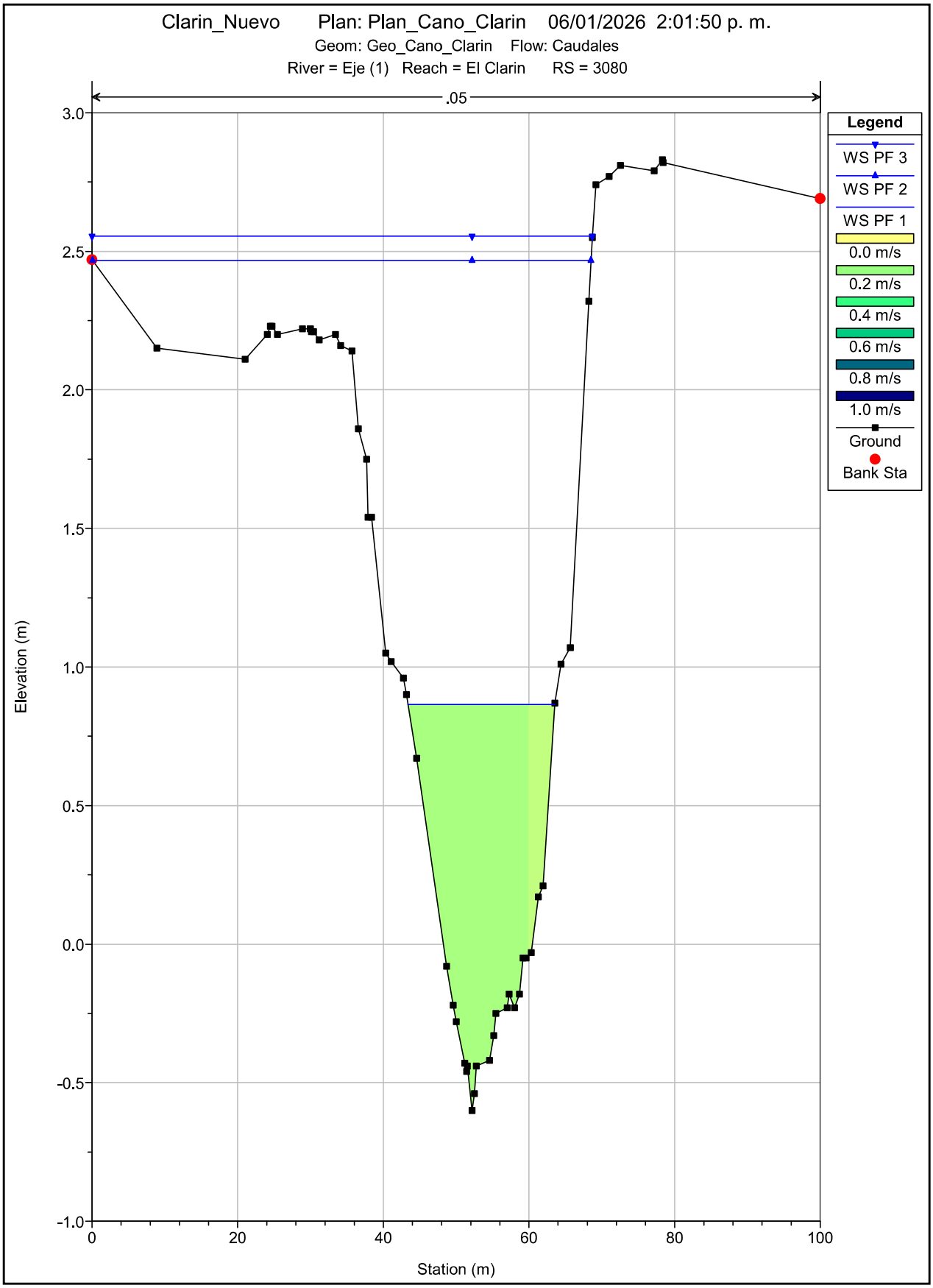

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3180
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

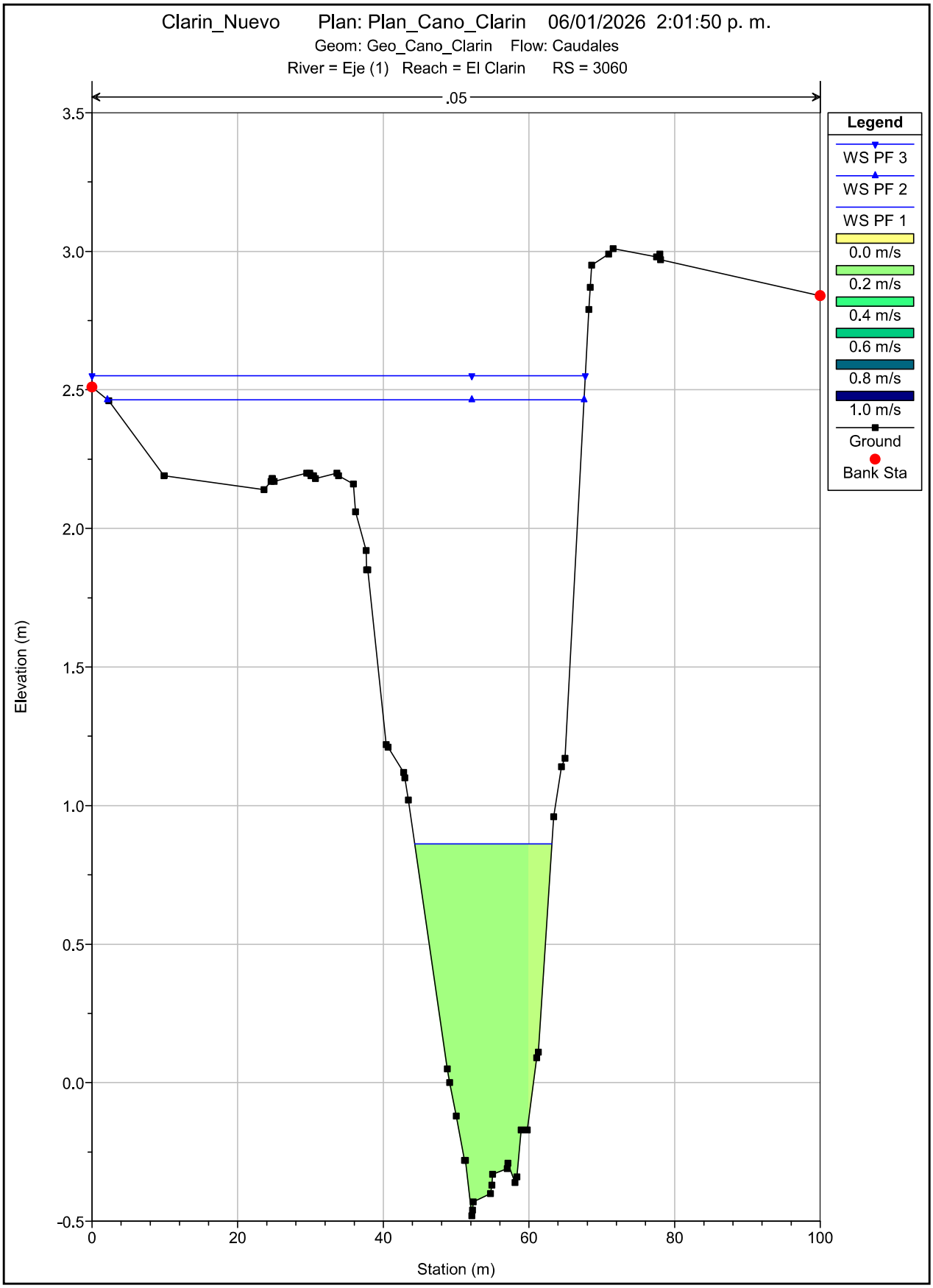

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3160
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

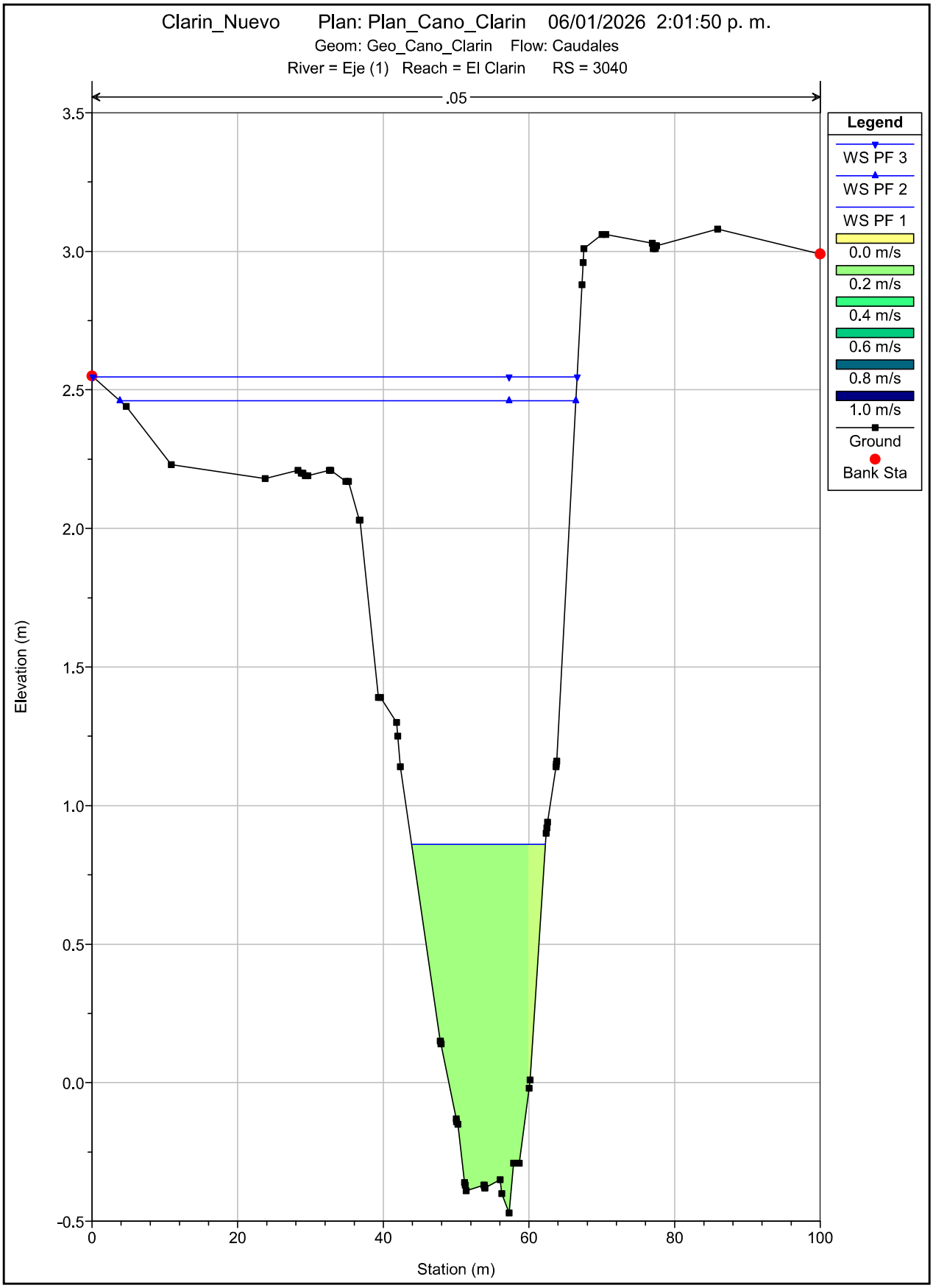

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3140
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

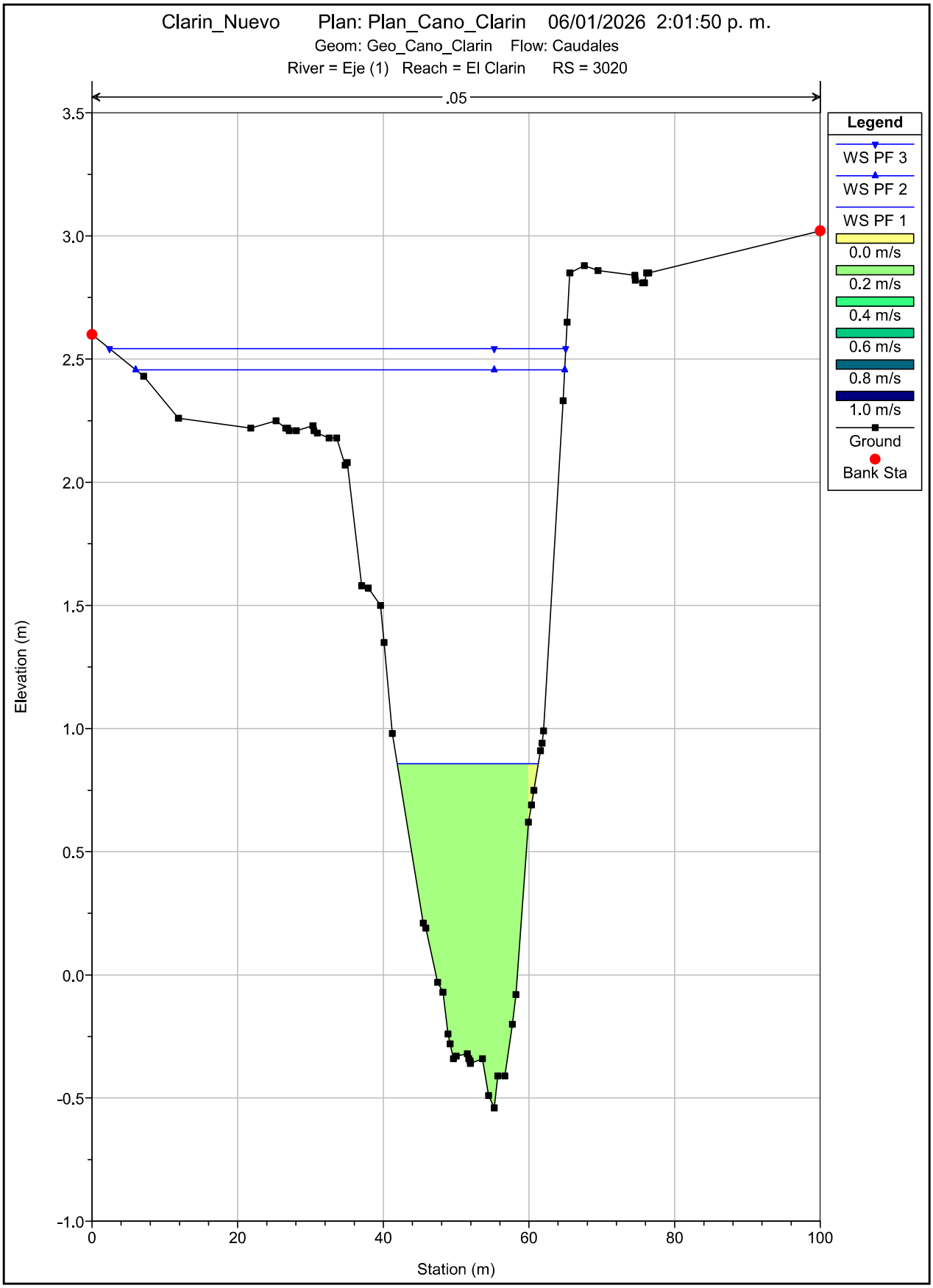

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3120
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

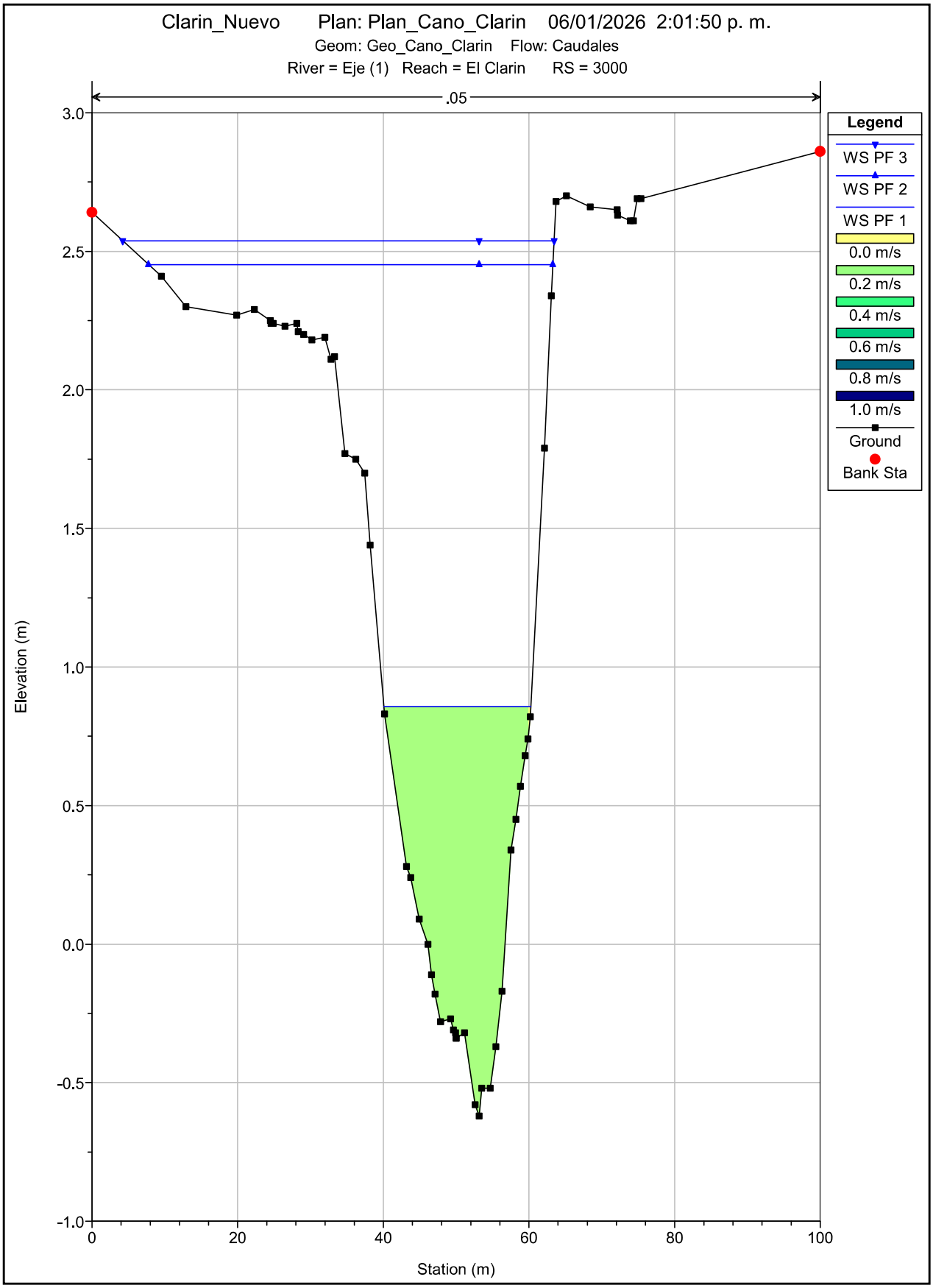

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3100
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

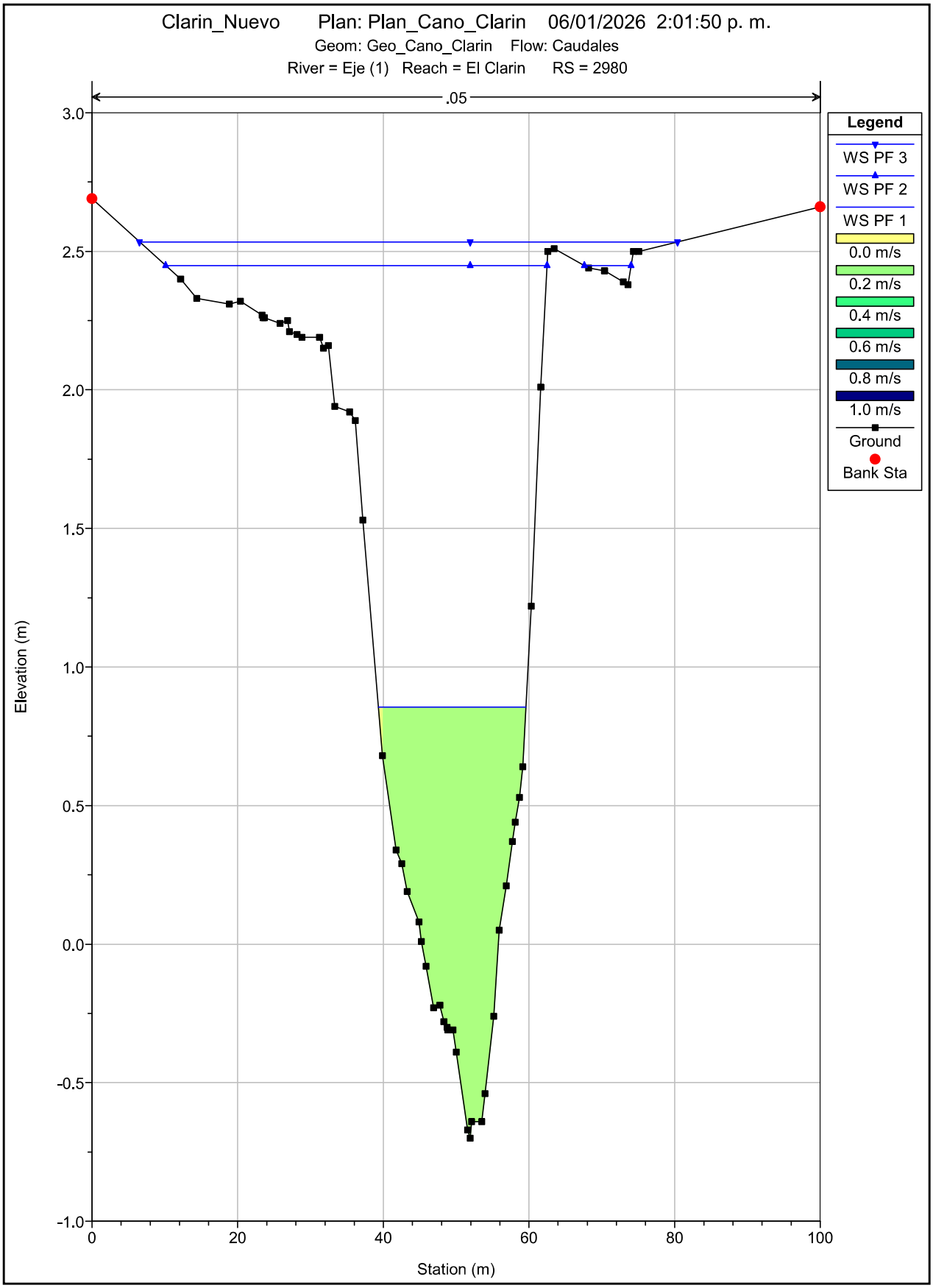

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3080
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

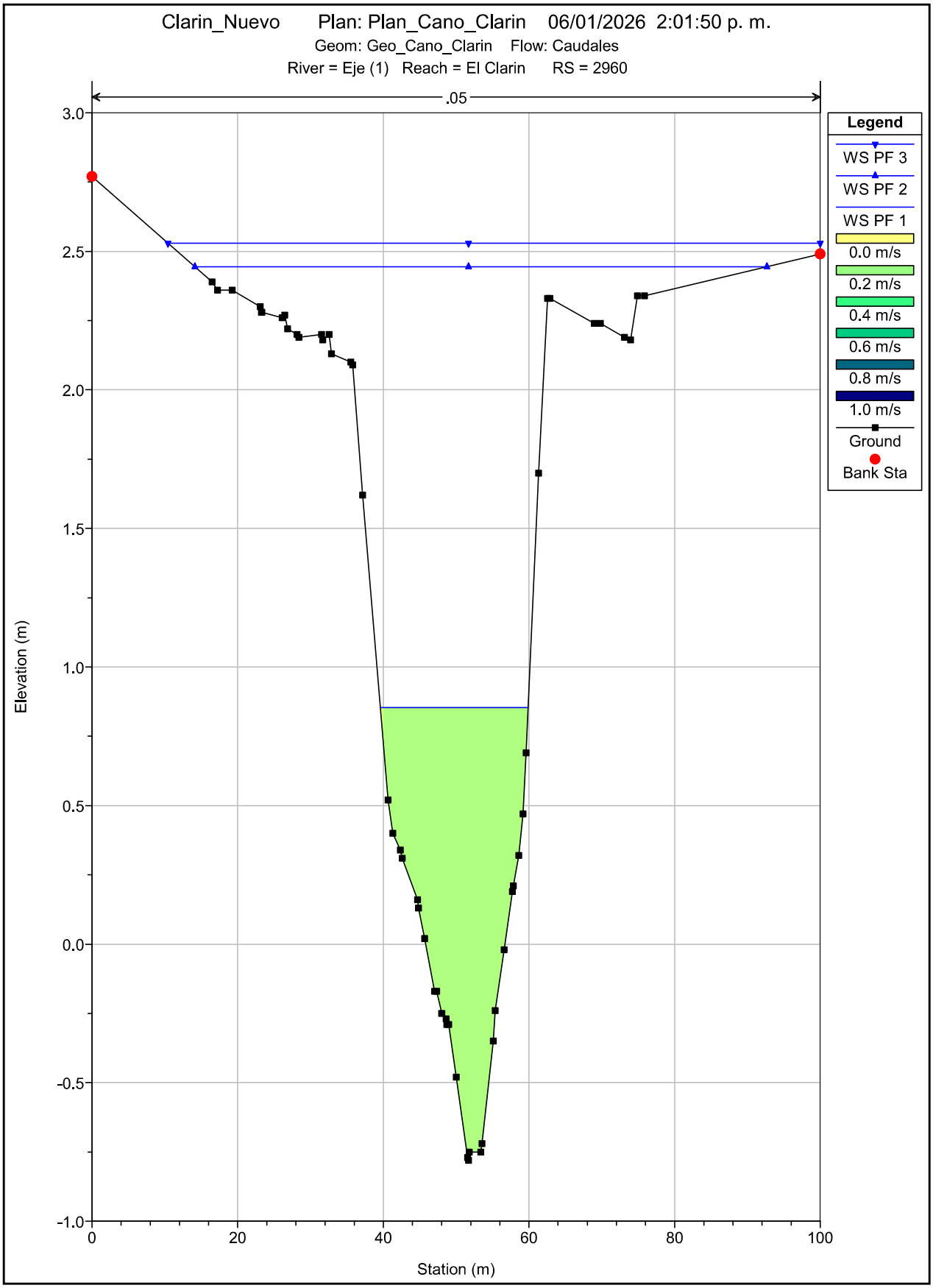

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3060
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
20
40
60
80
100

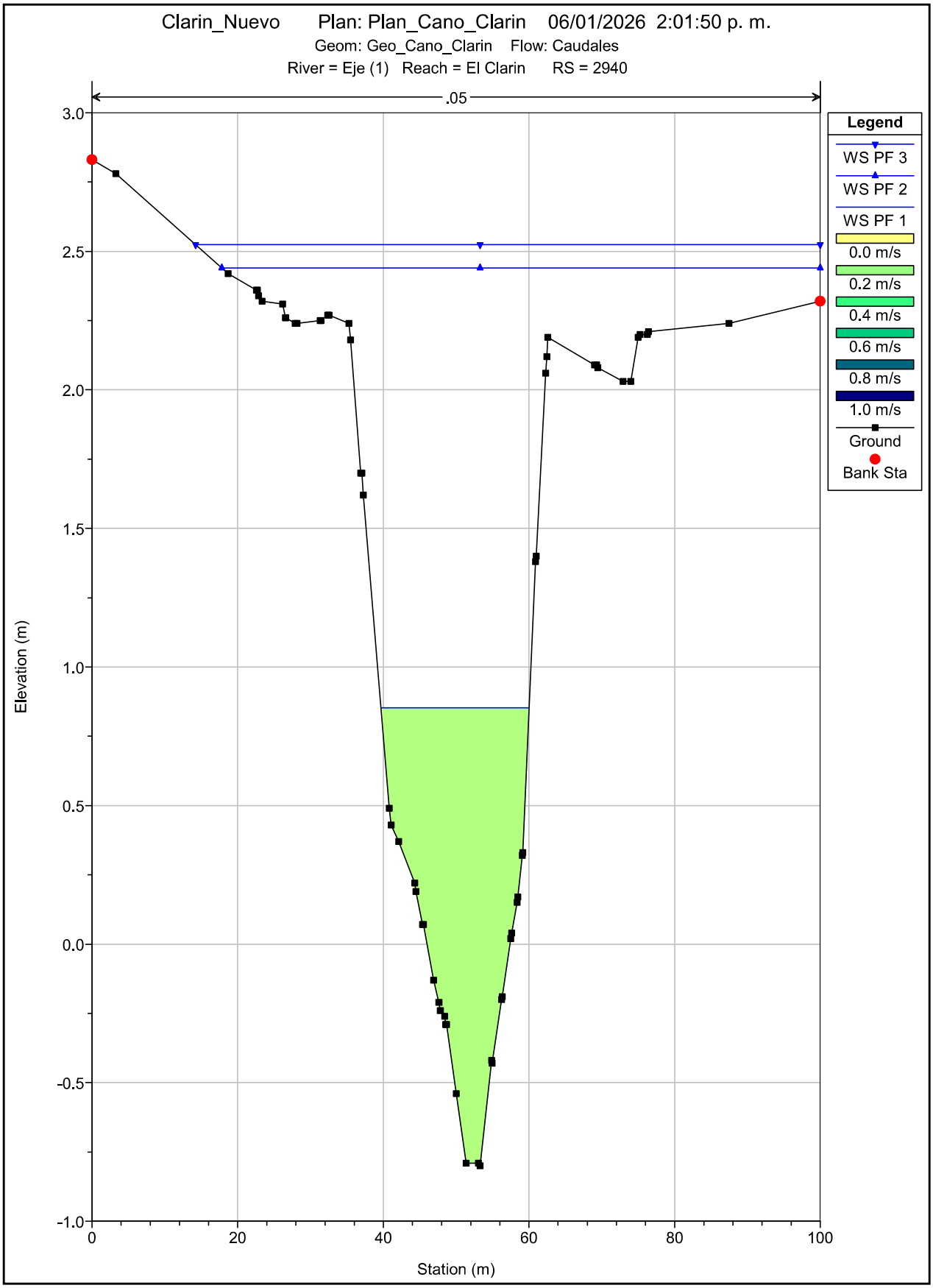

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3040
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
20
40
60
80
100

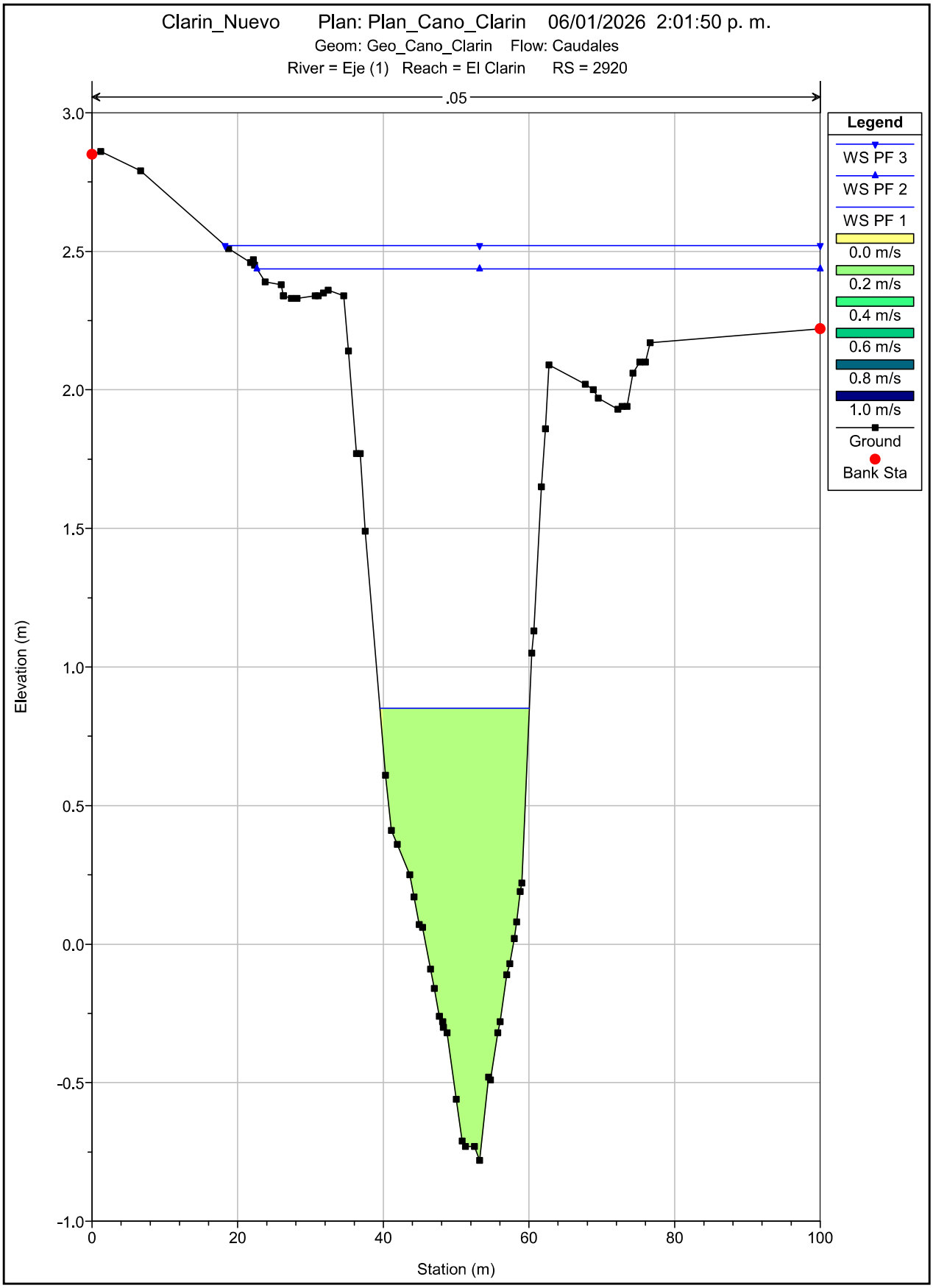

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3020
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

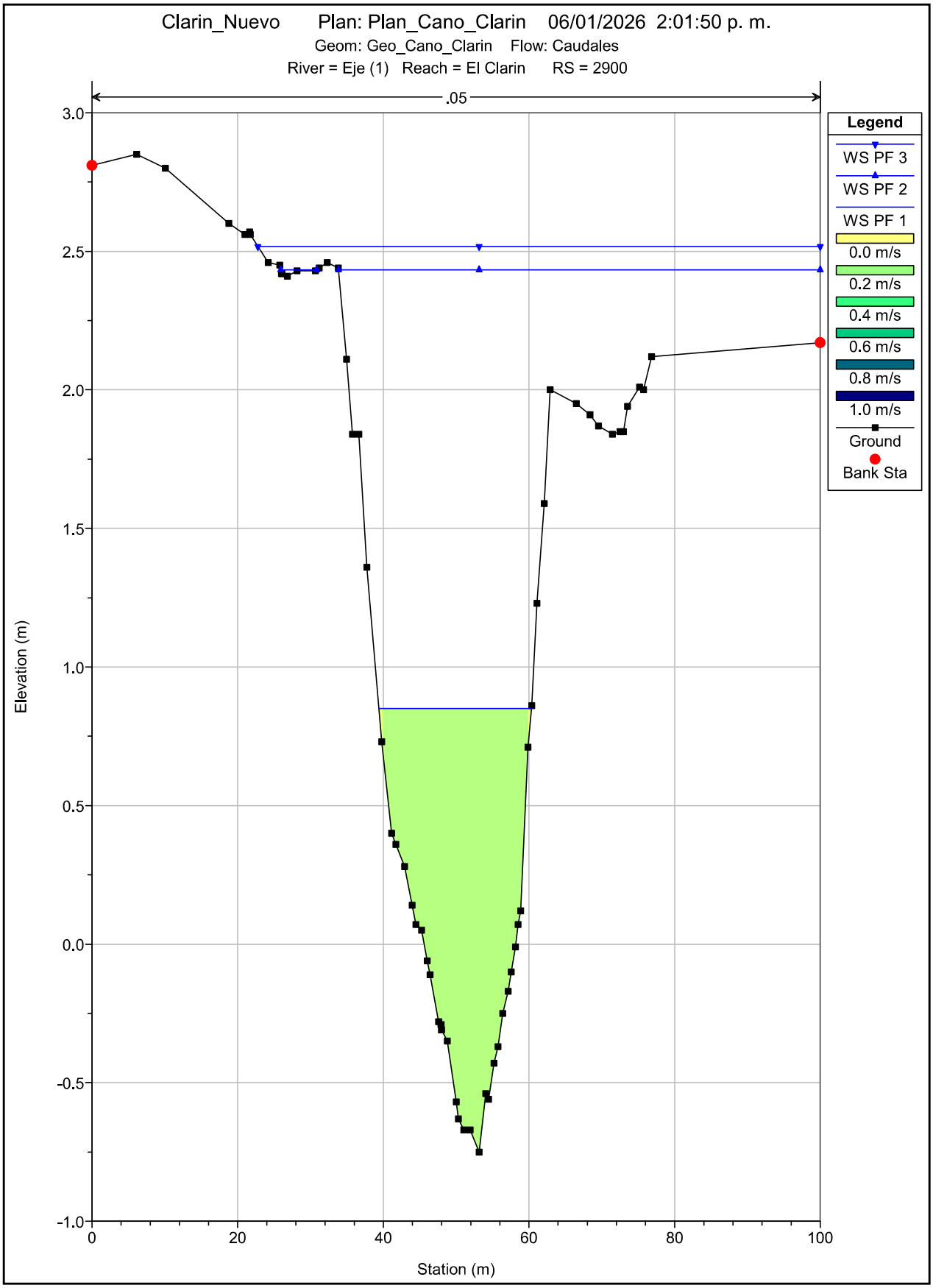

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 3000
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

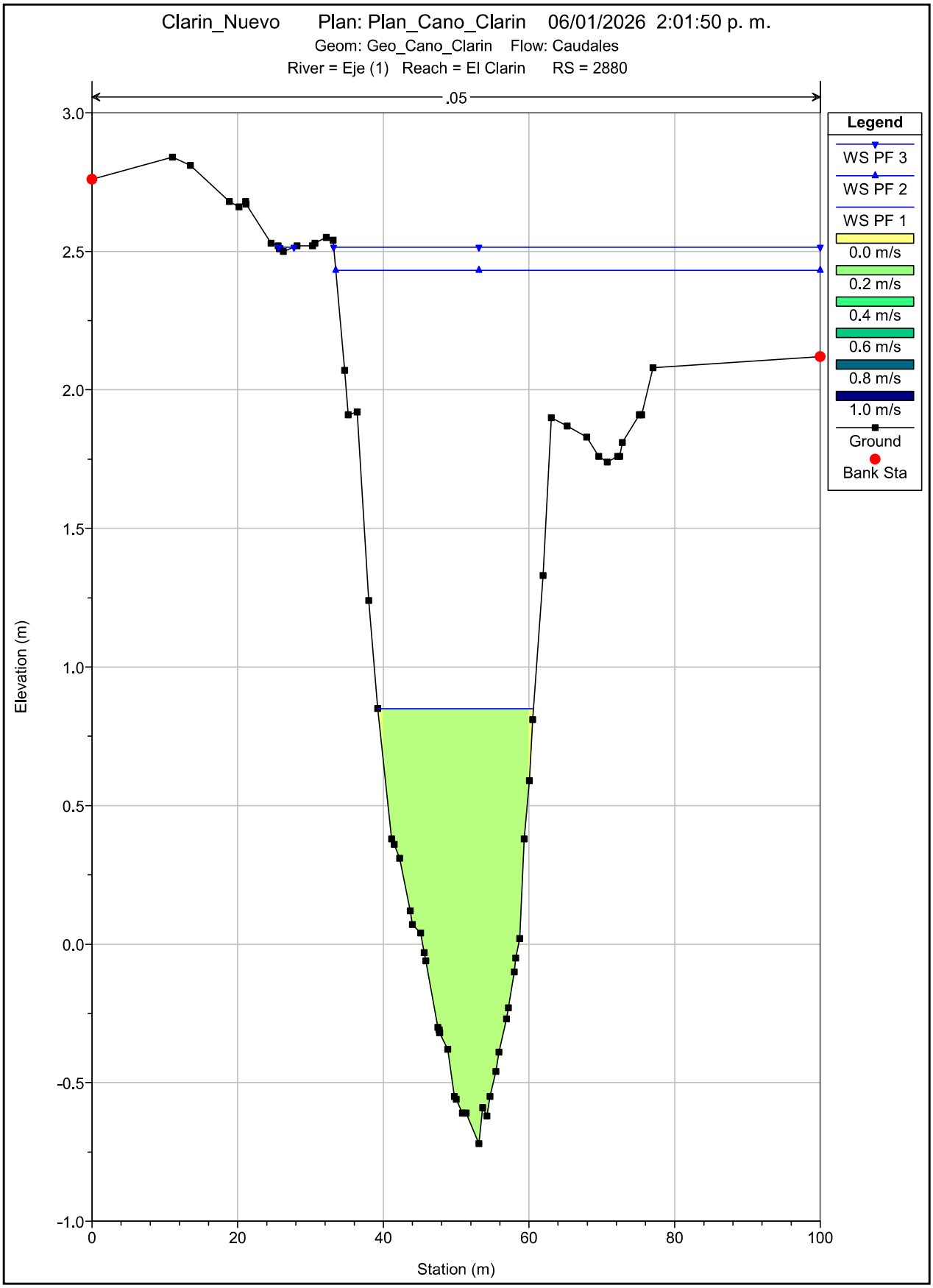

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2980
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

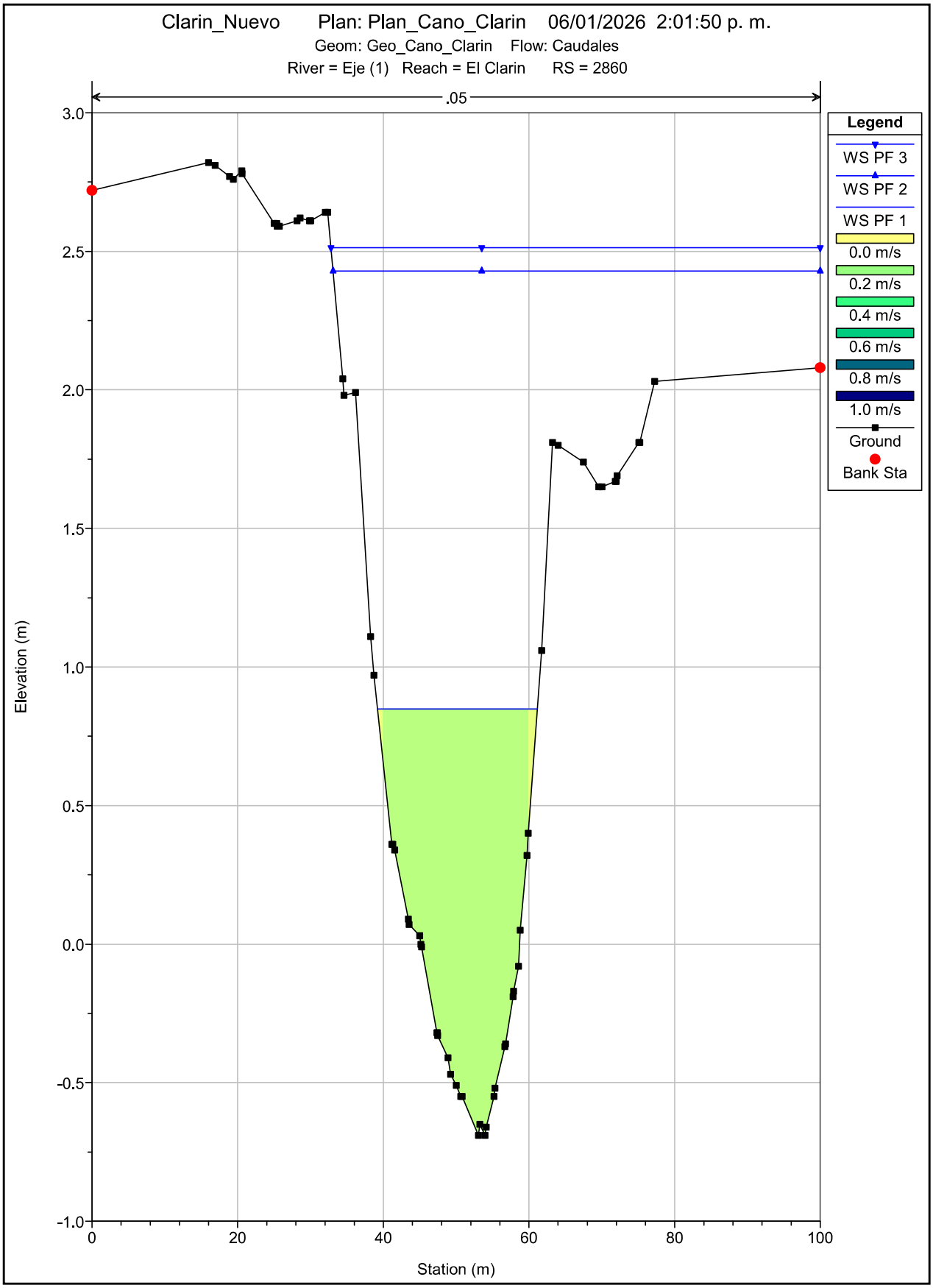

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2960
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

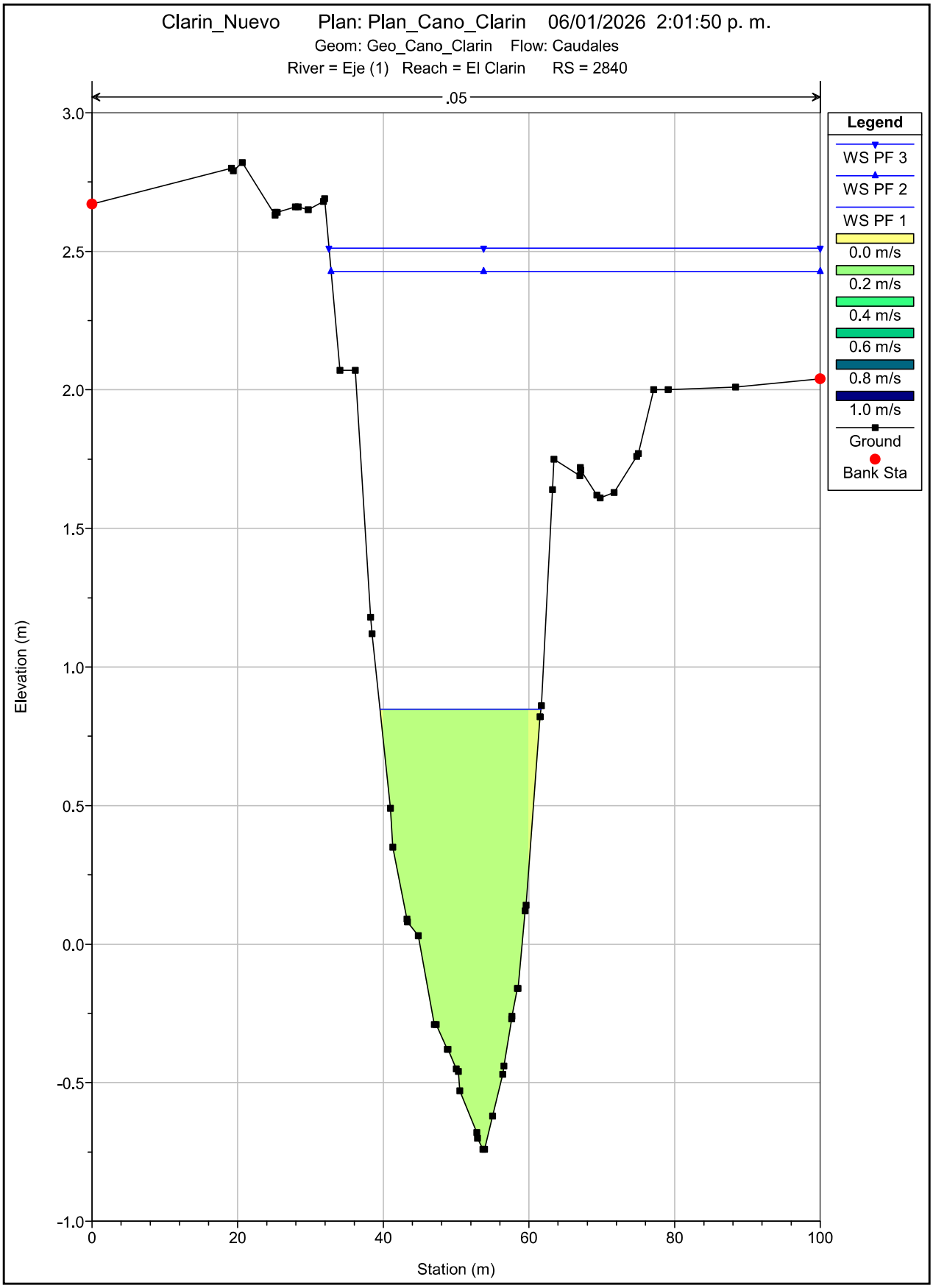

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2940
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

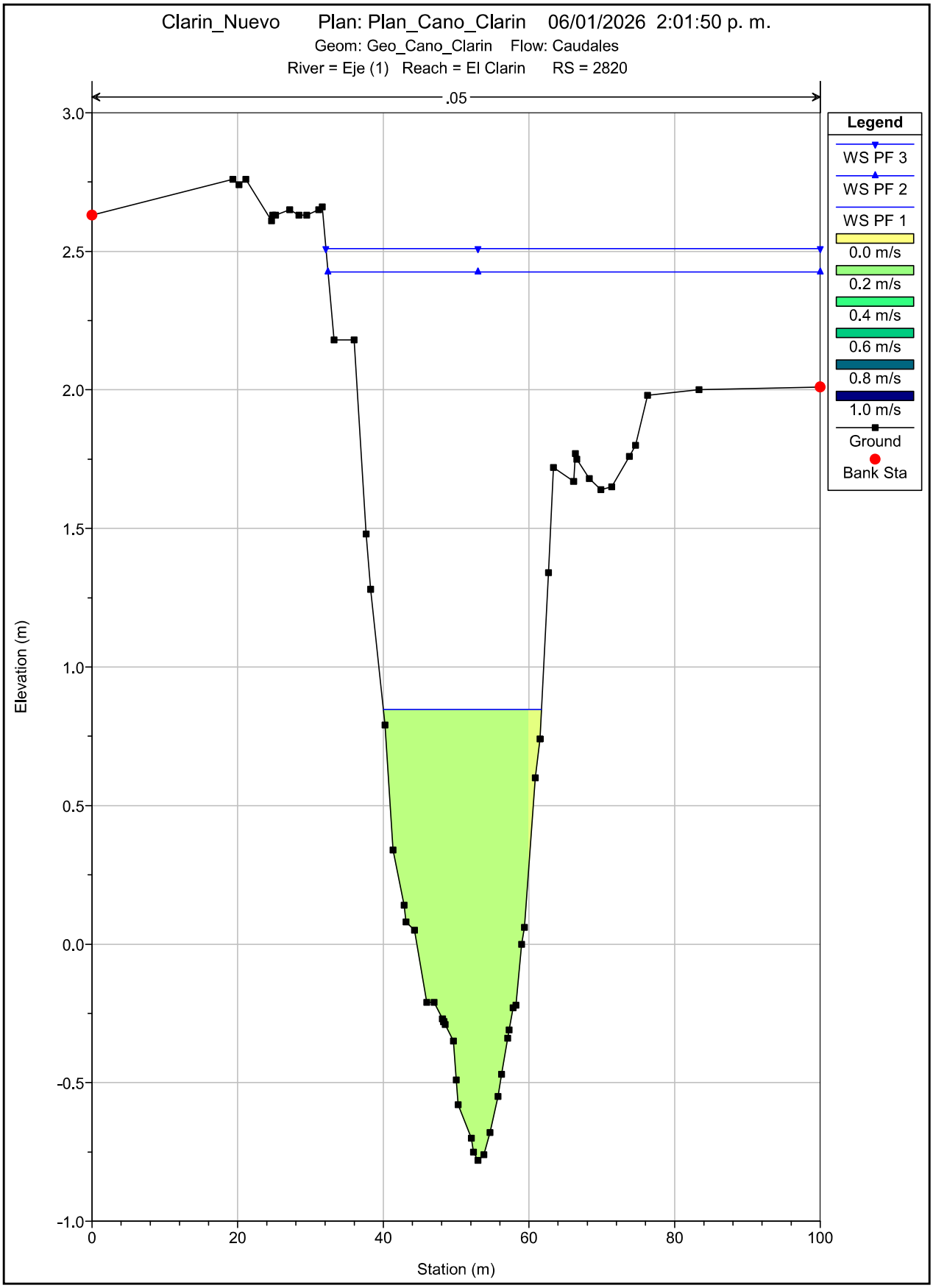

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2920
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

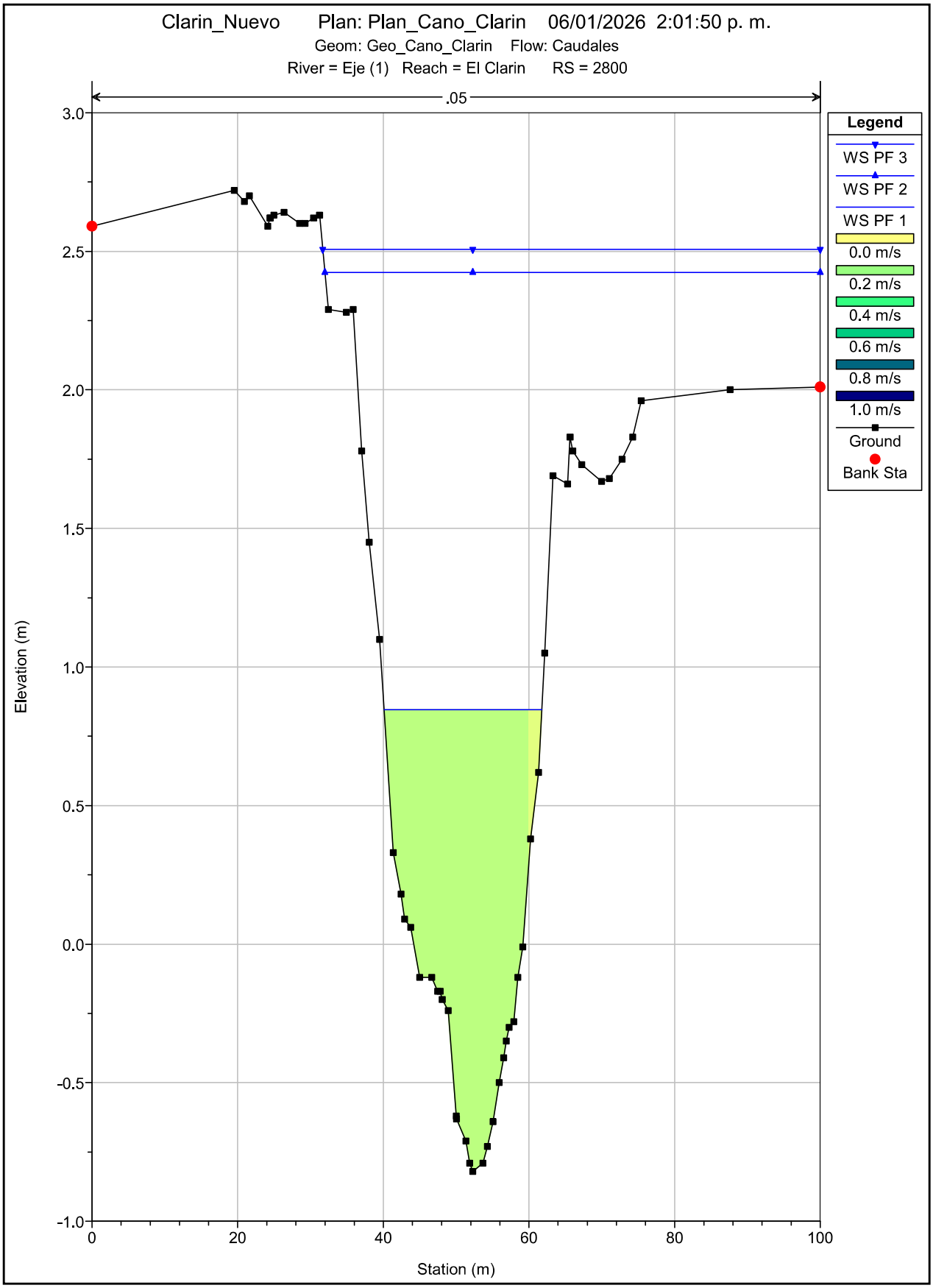

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2900
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

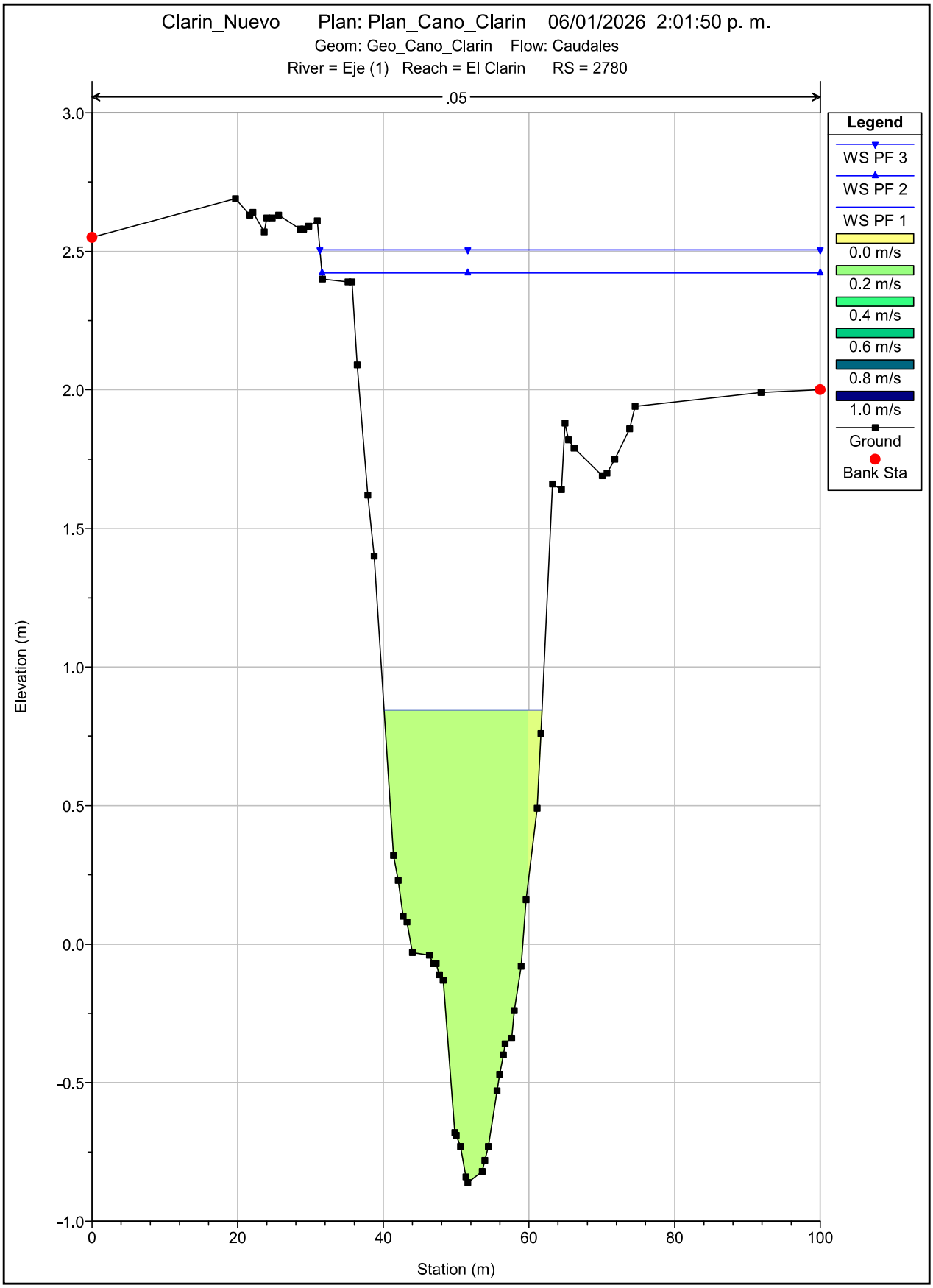

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2880
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

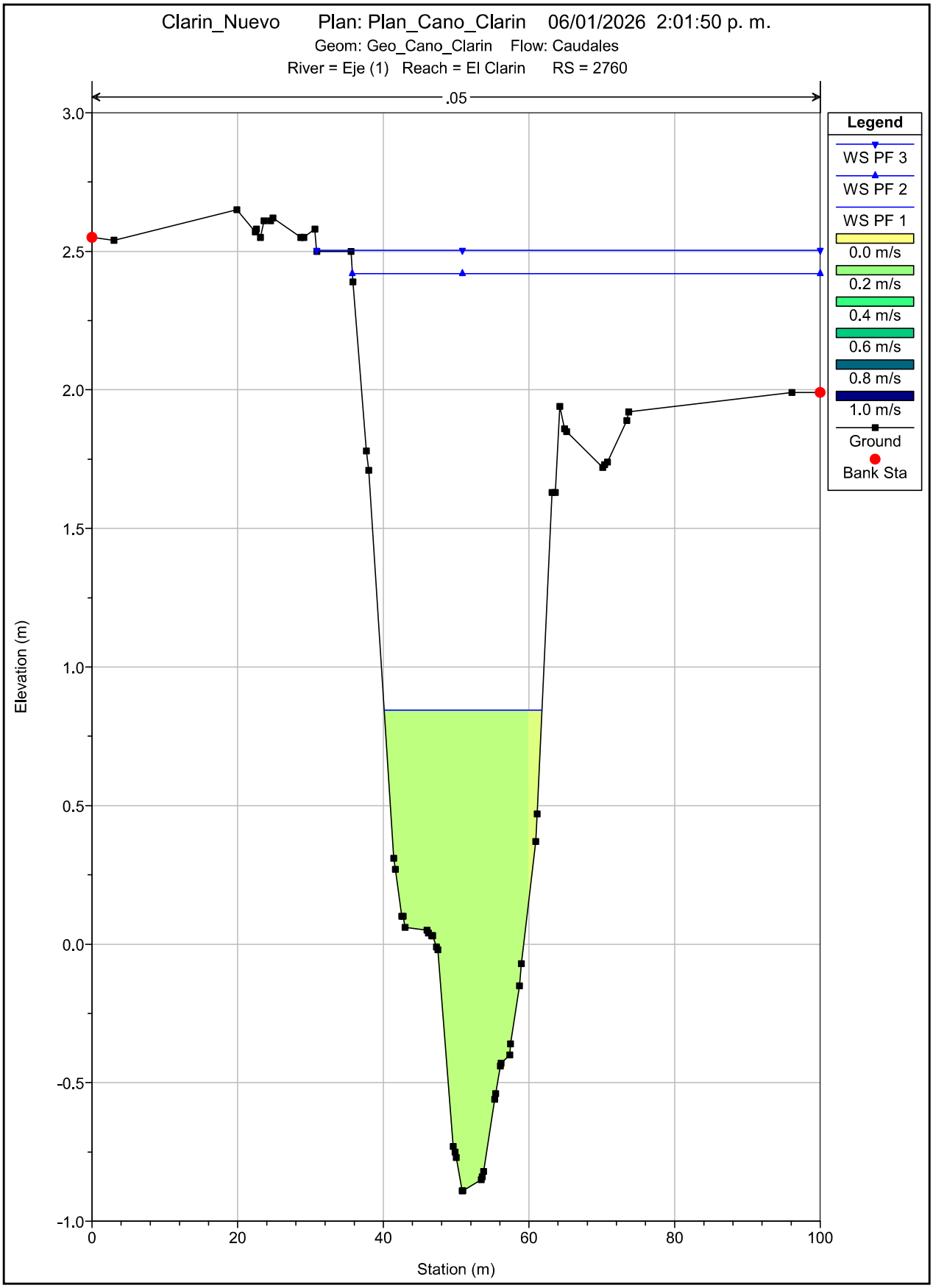

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2860
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

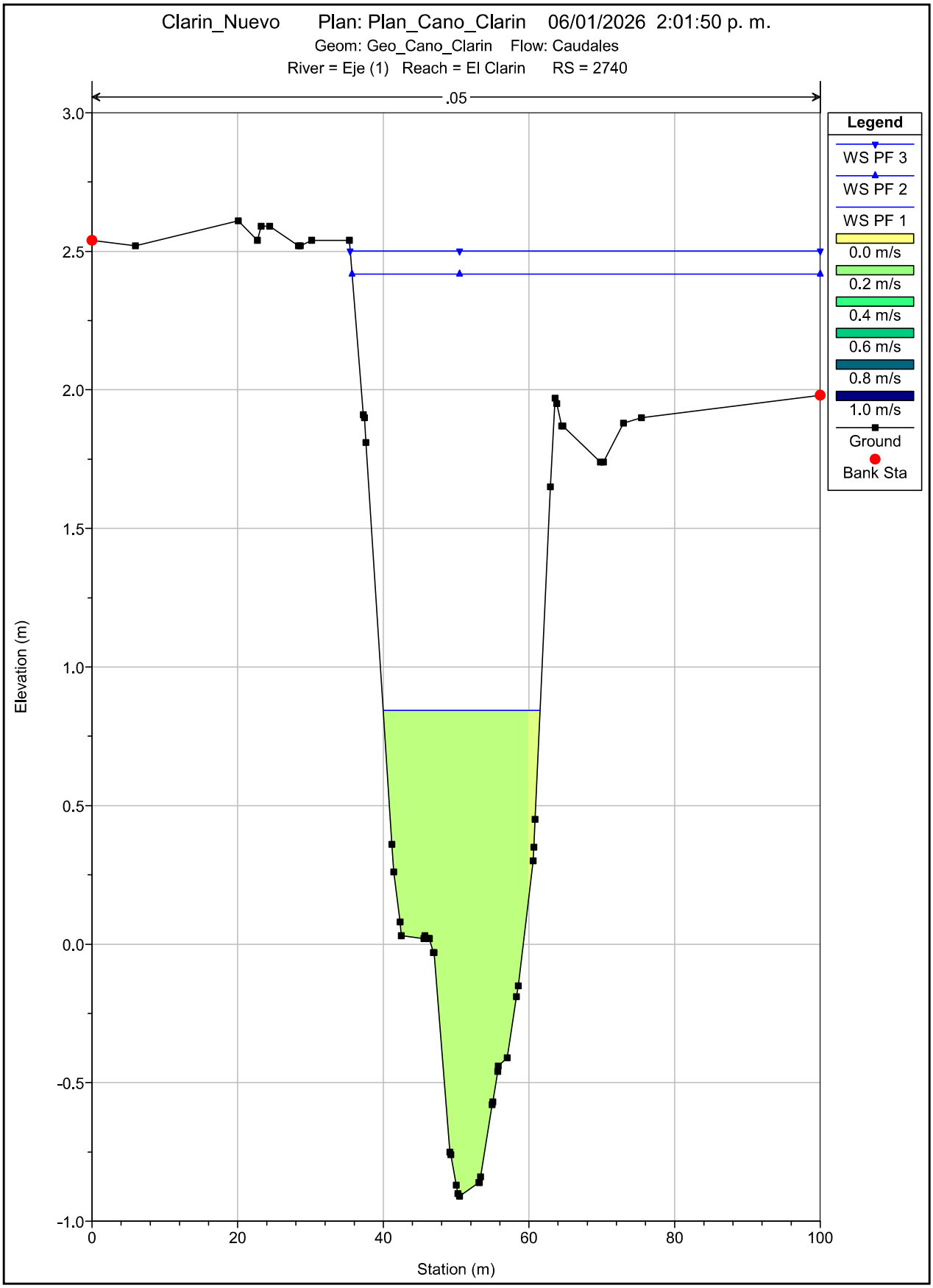

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2840
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

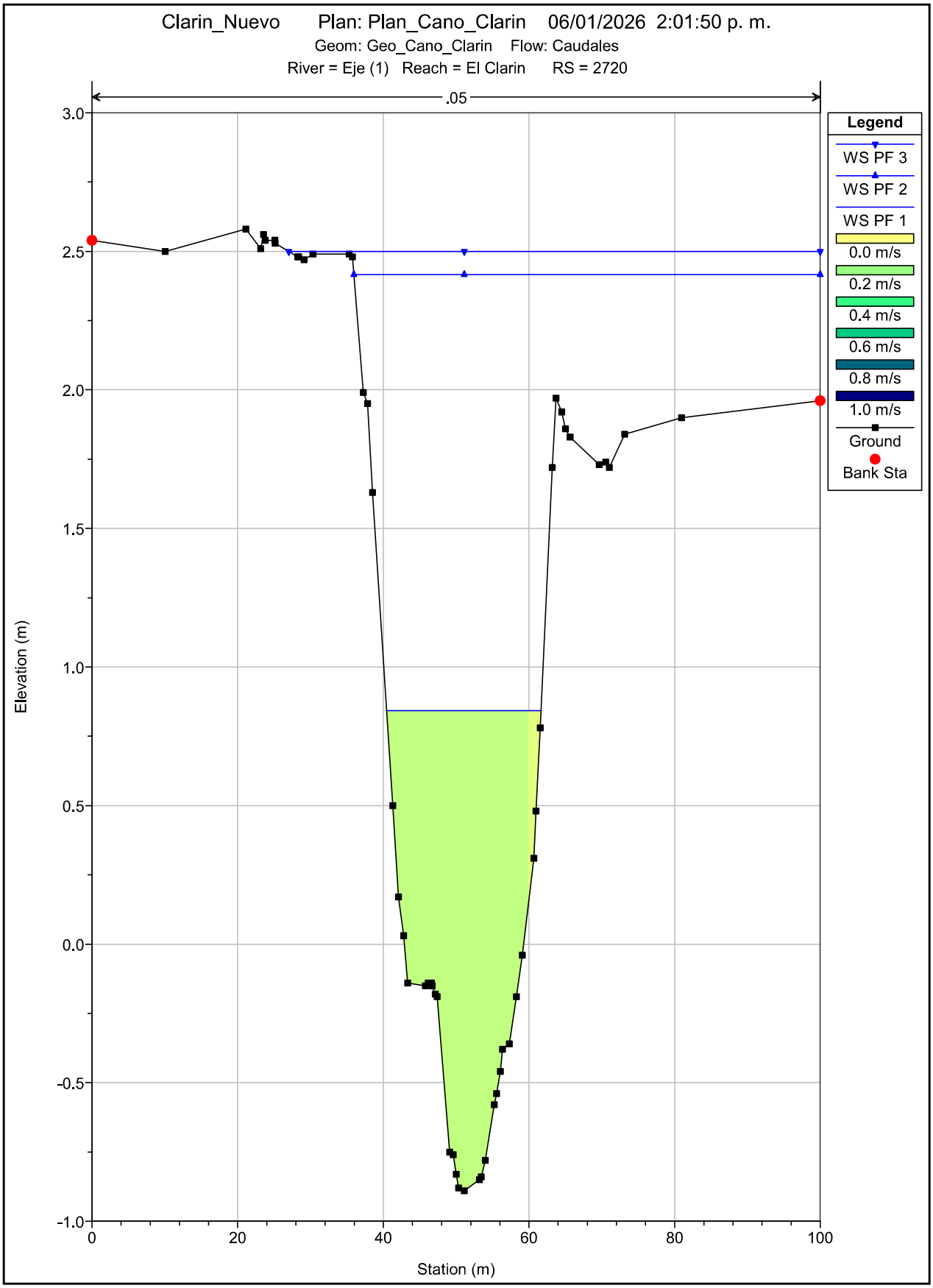

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2820
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

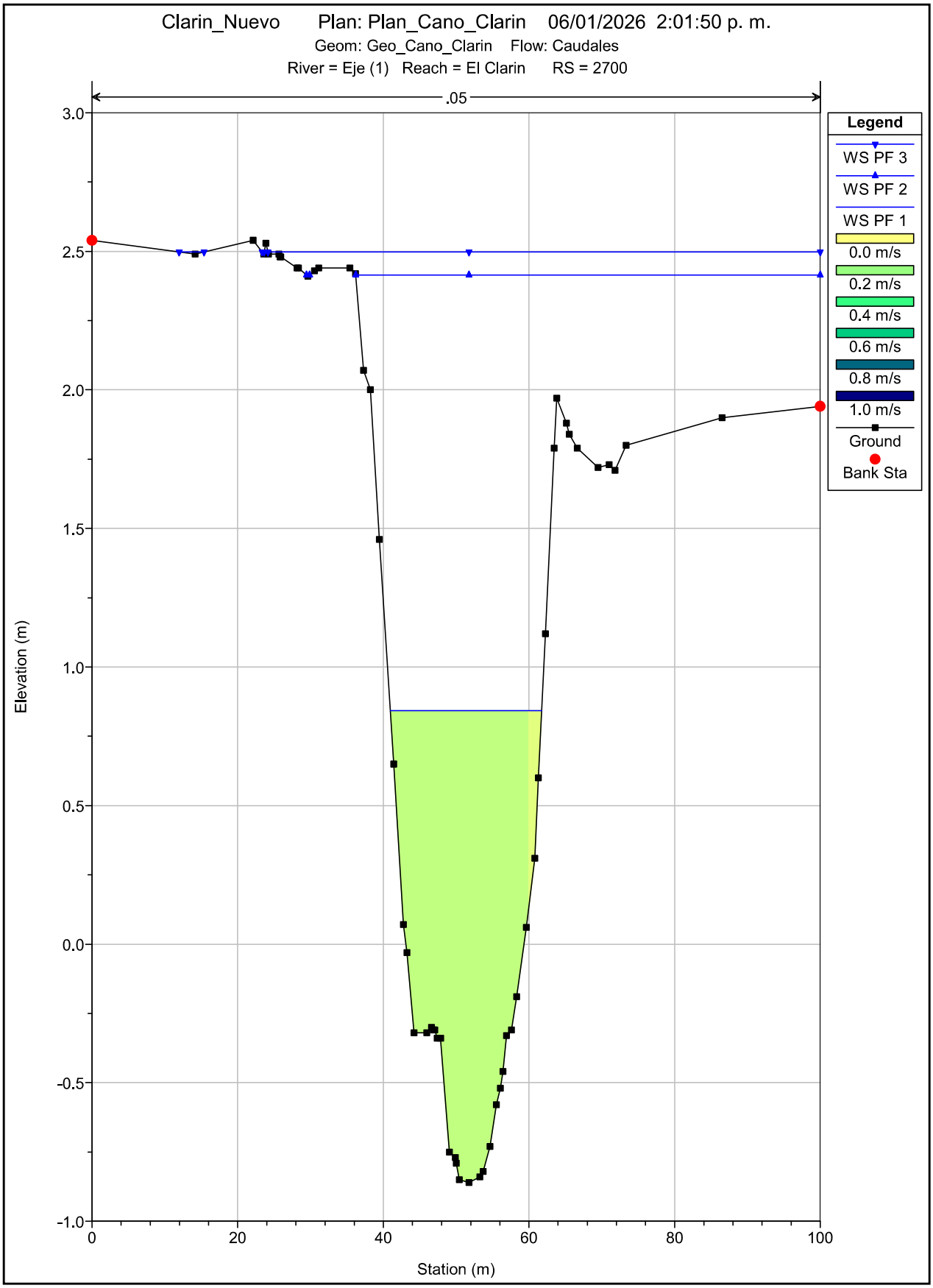

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2800
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

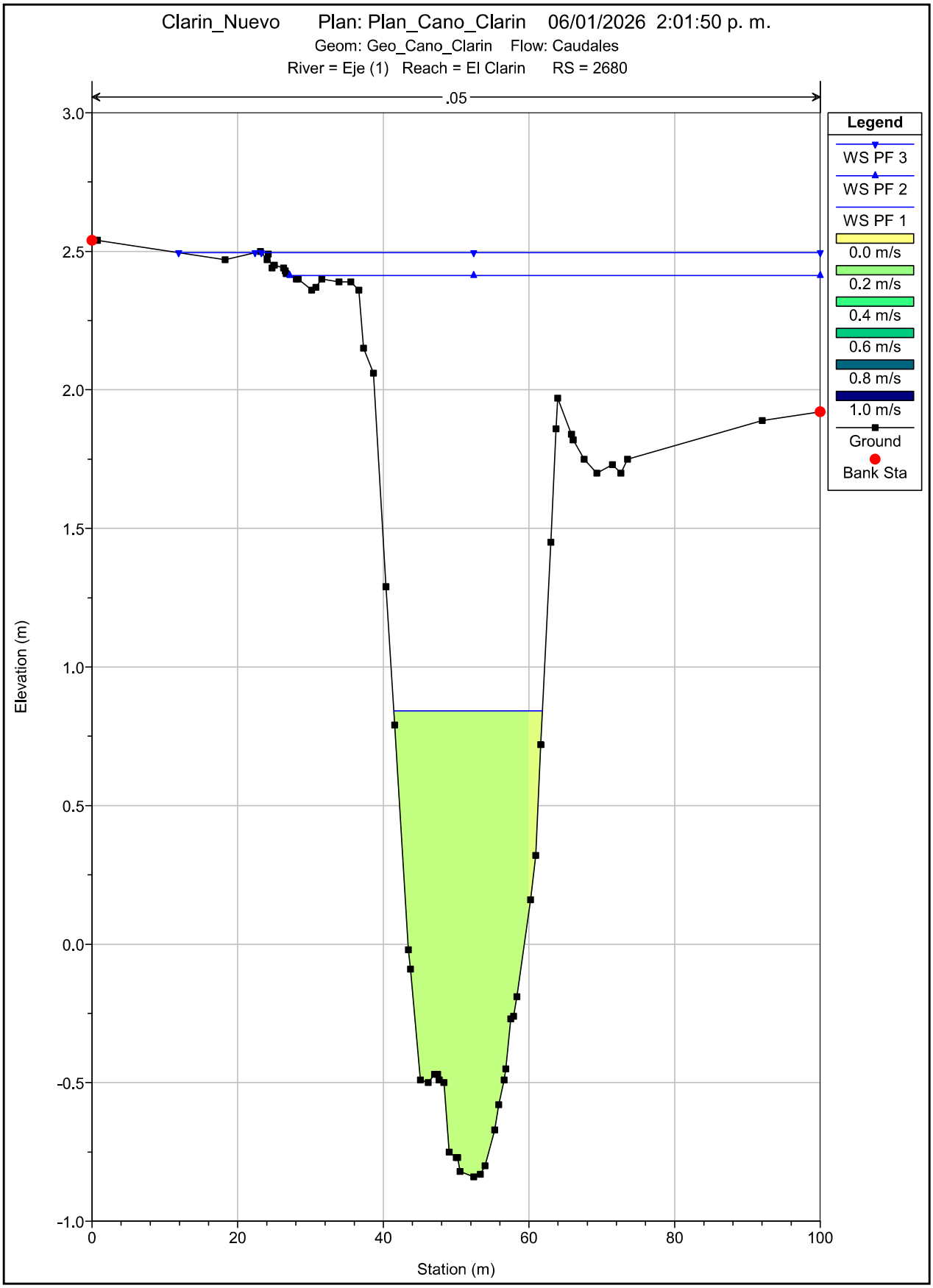

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2780
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

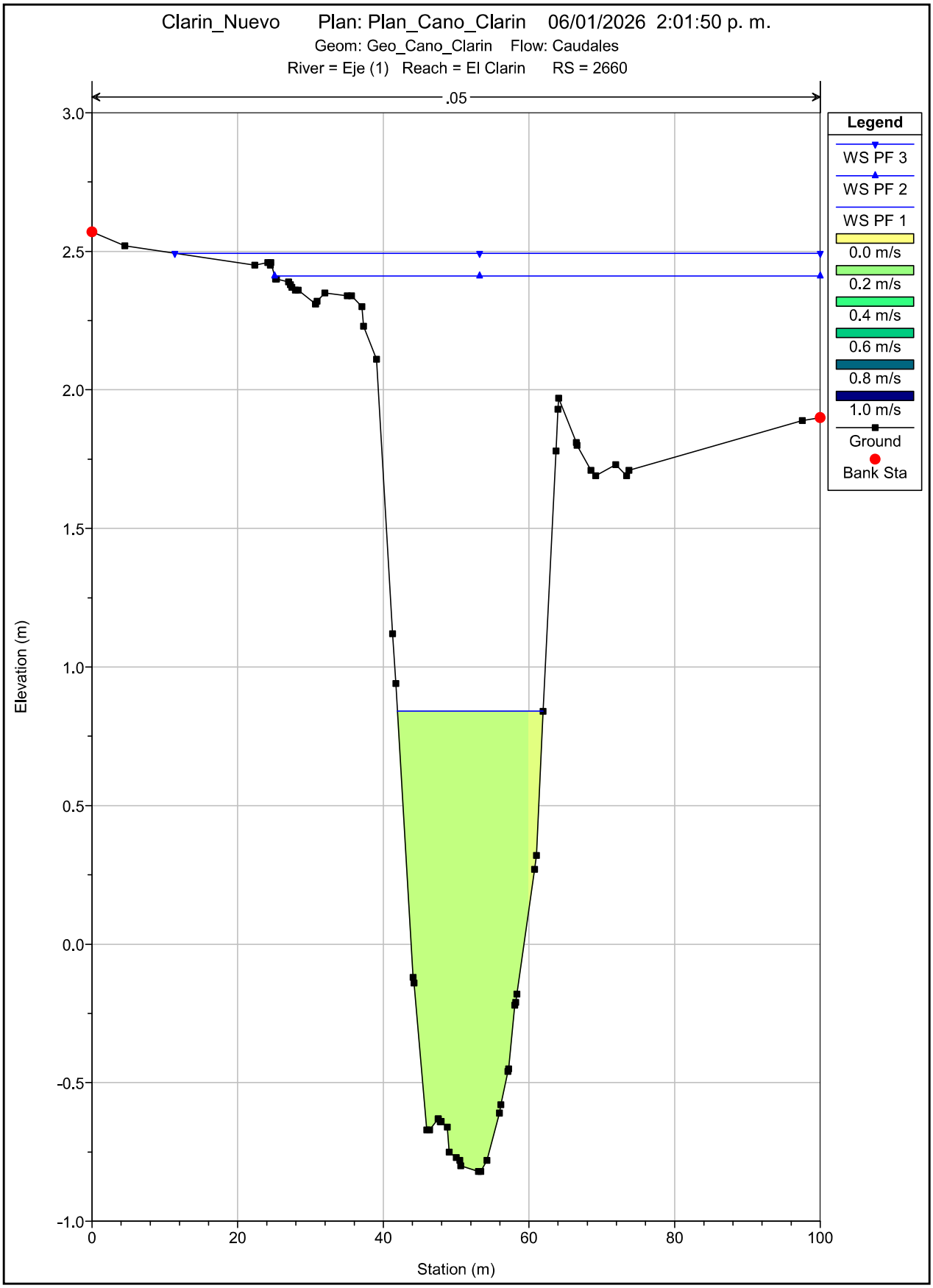

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2760
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

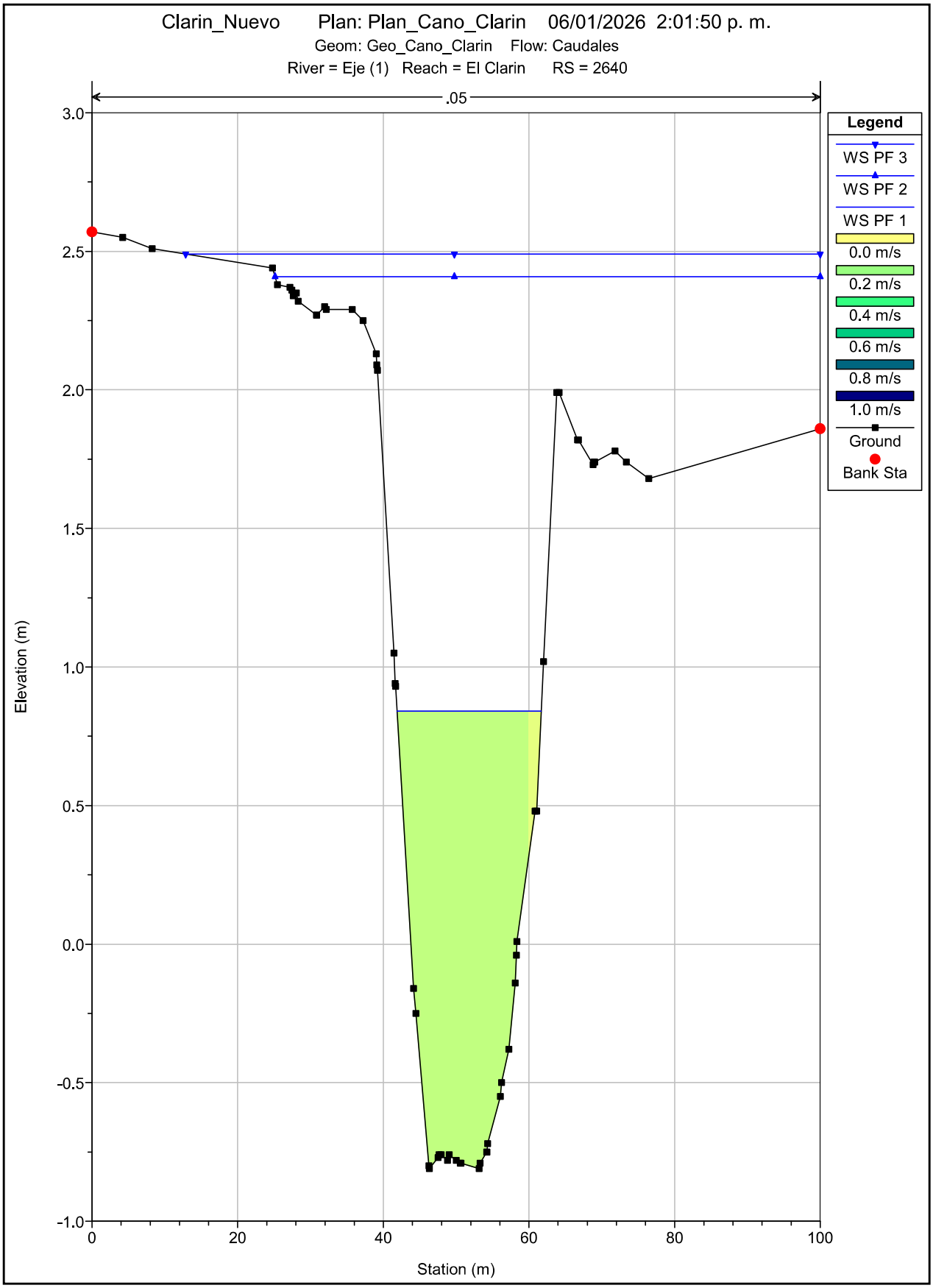

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2740
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

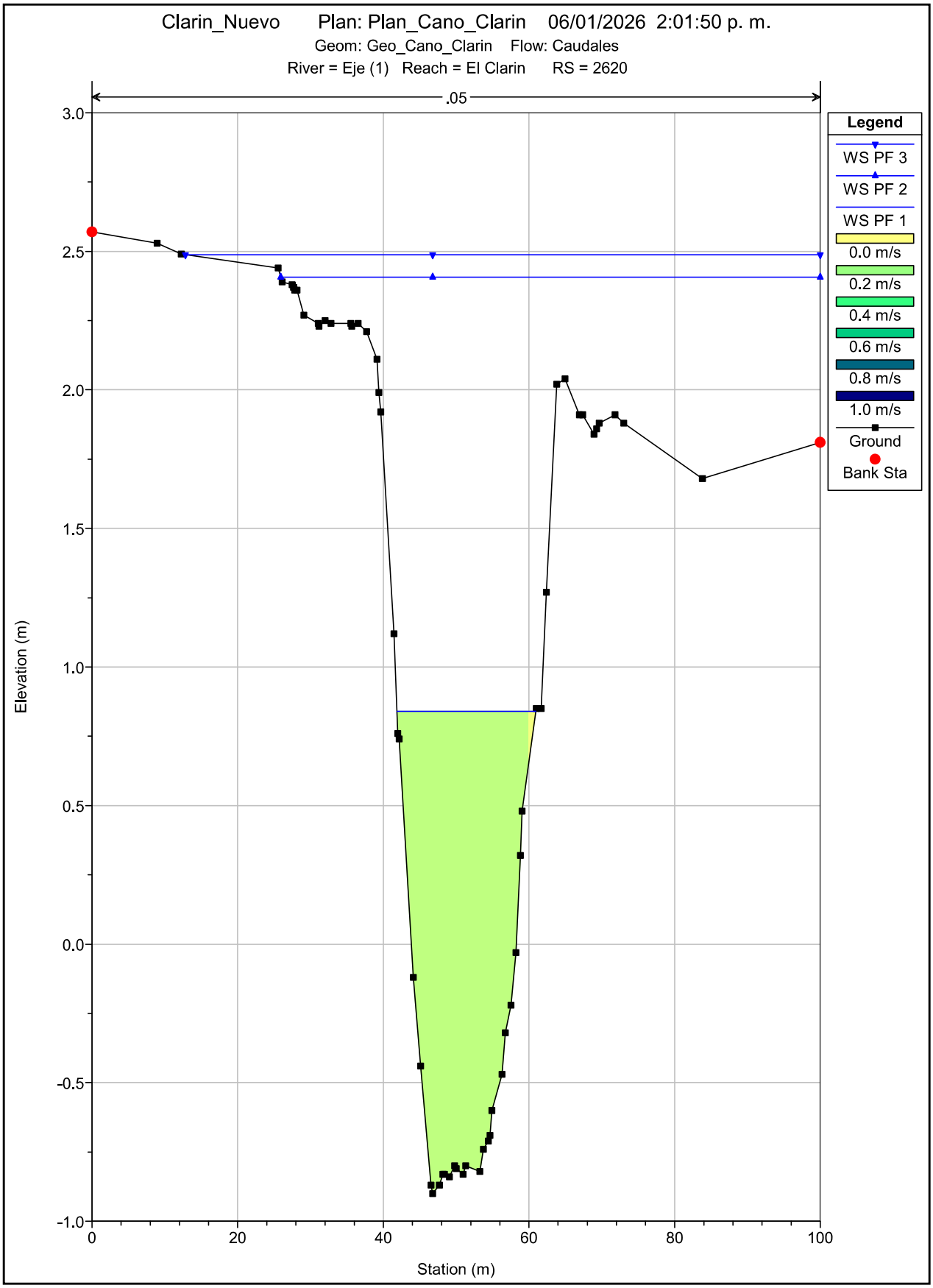

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2720
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

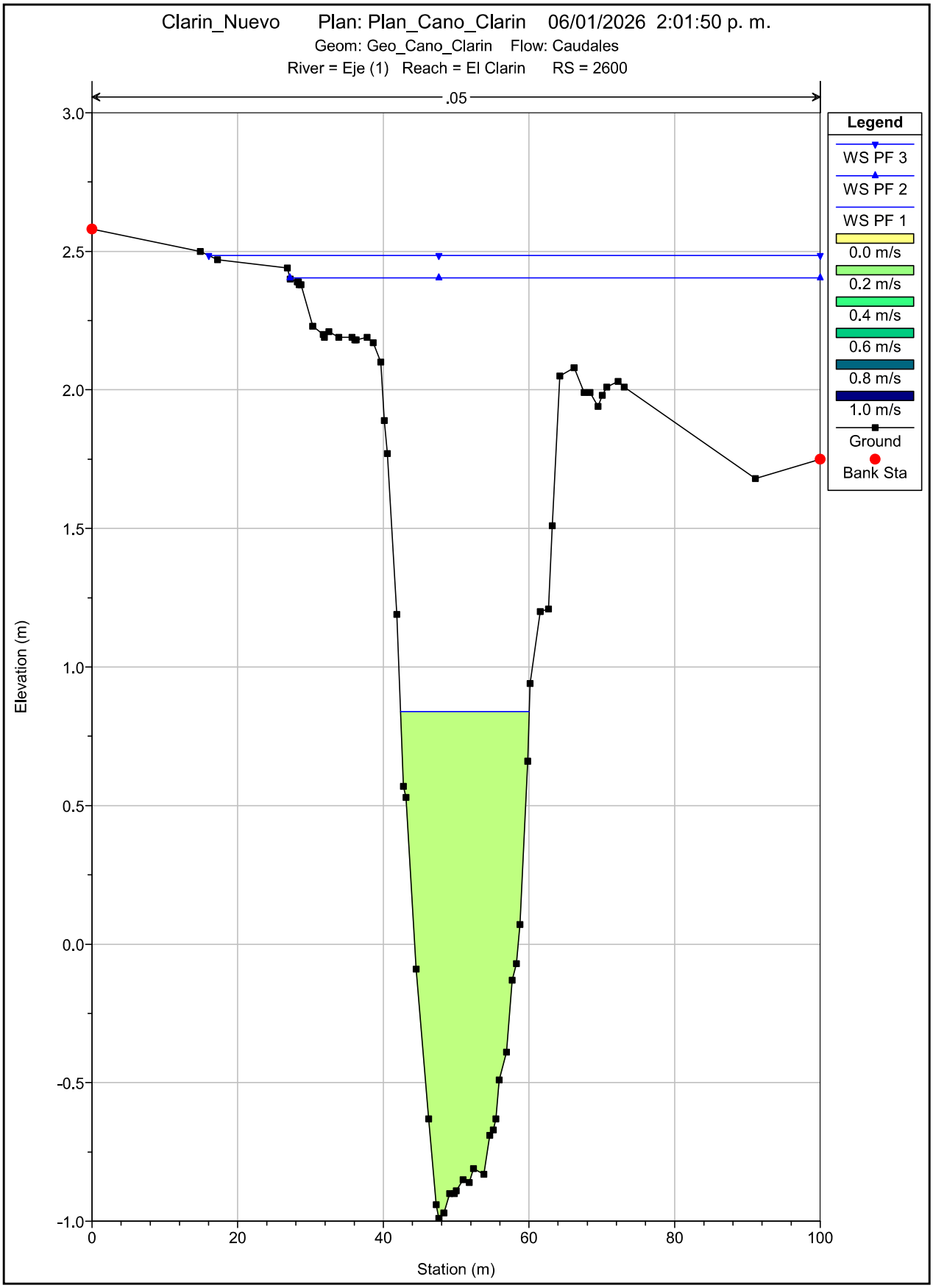

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2700
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

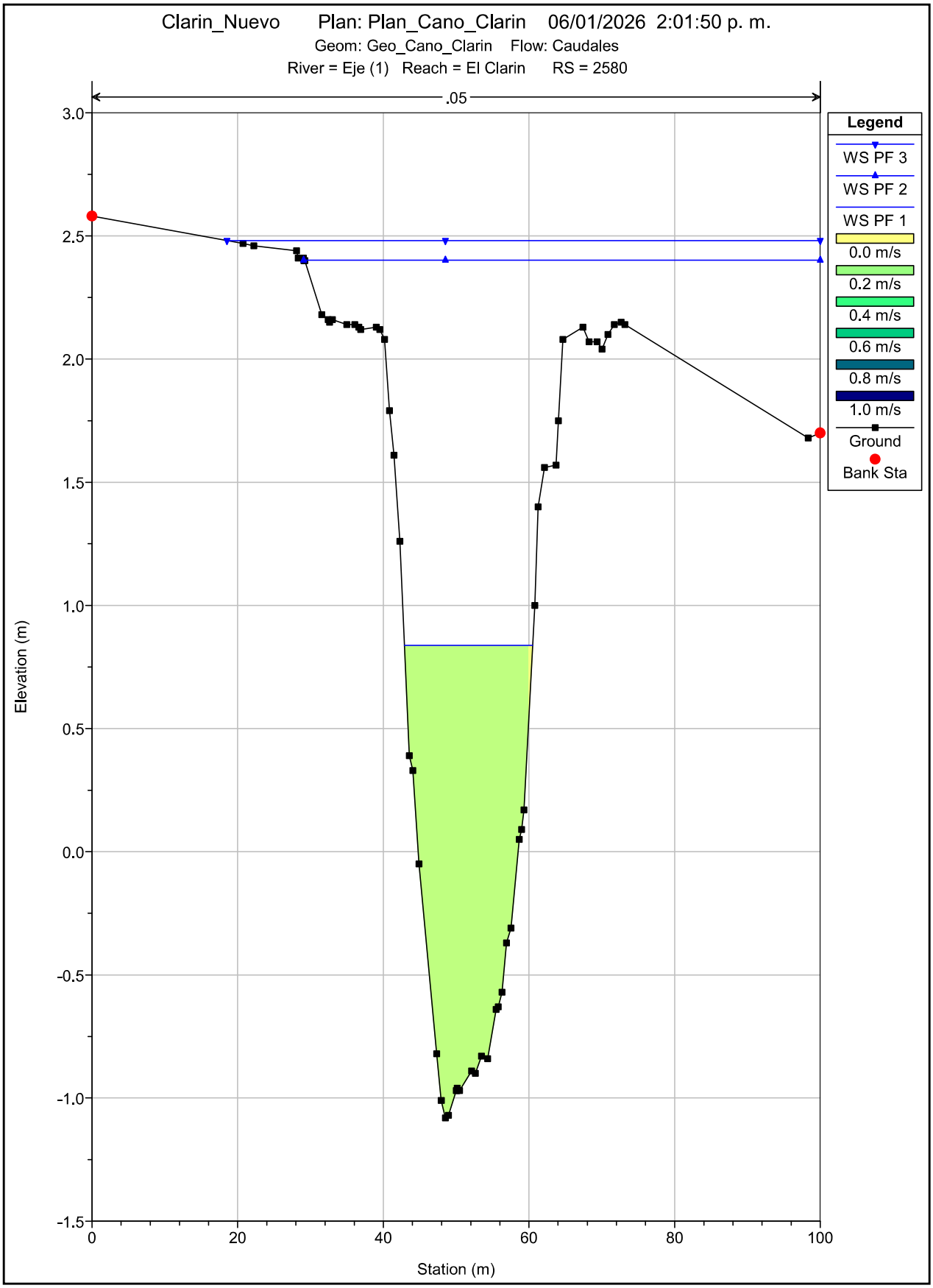

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2680
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

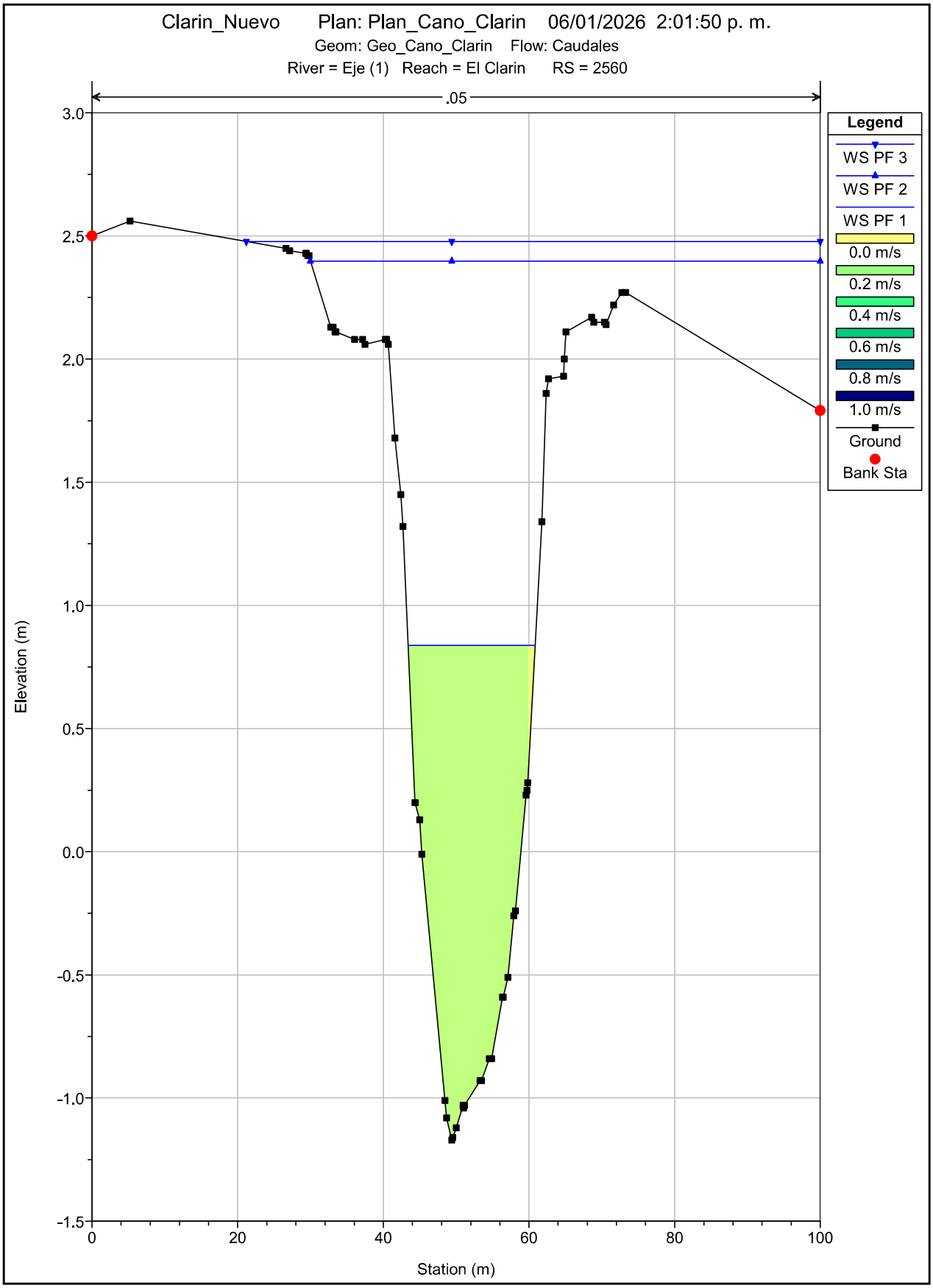

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2660
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

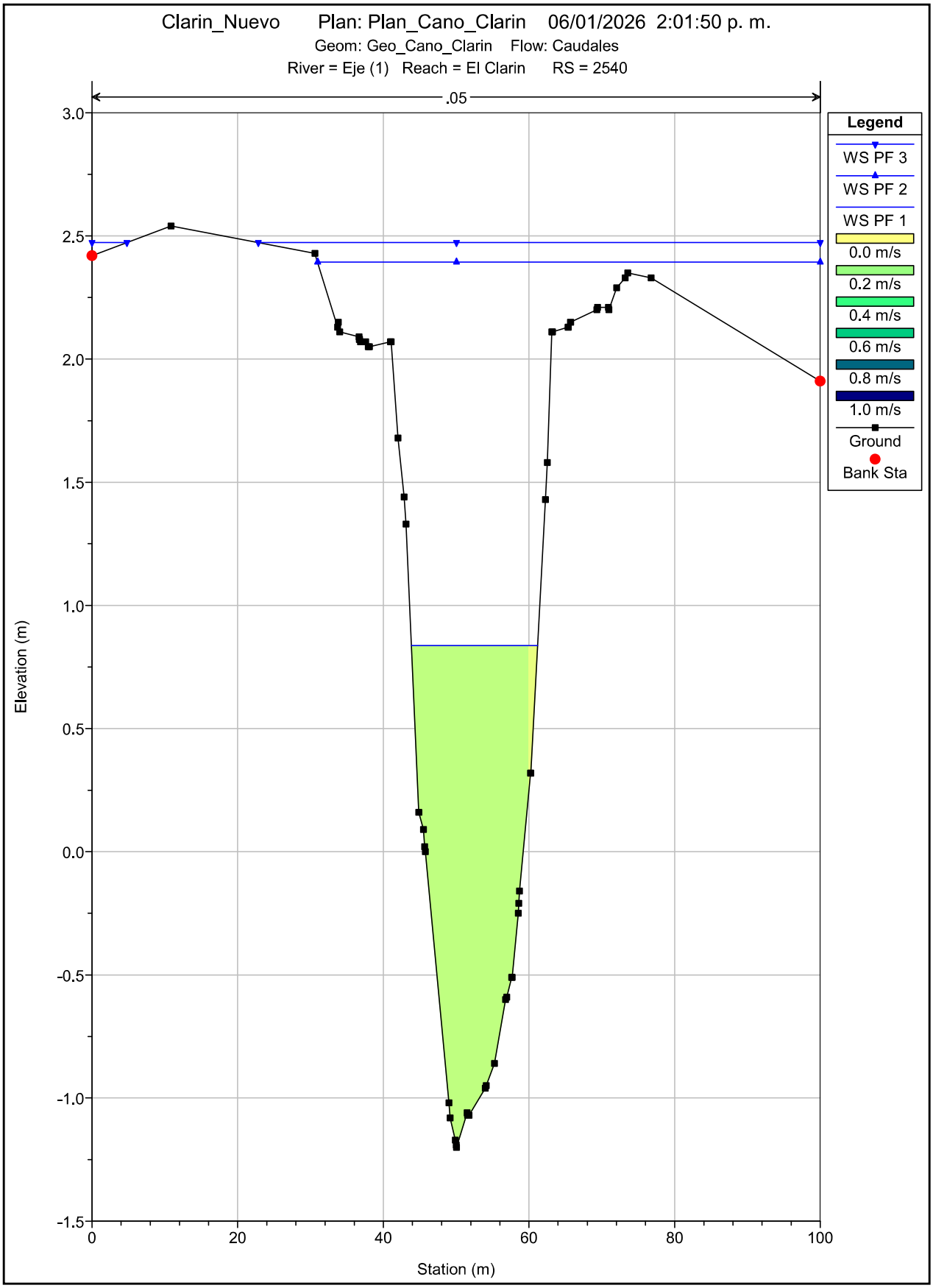

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2640
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

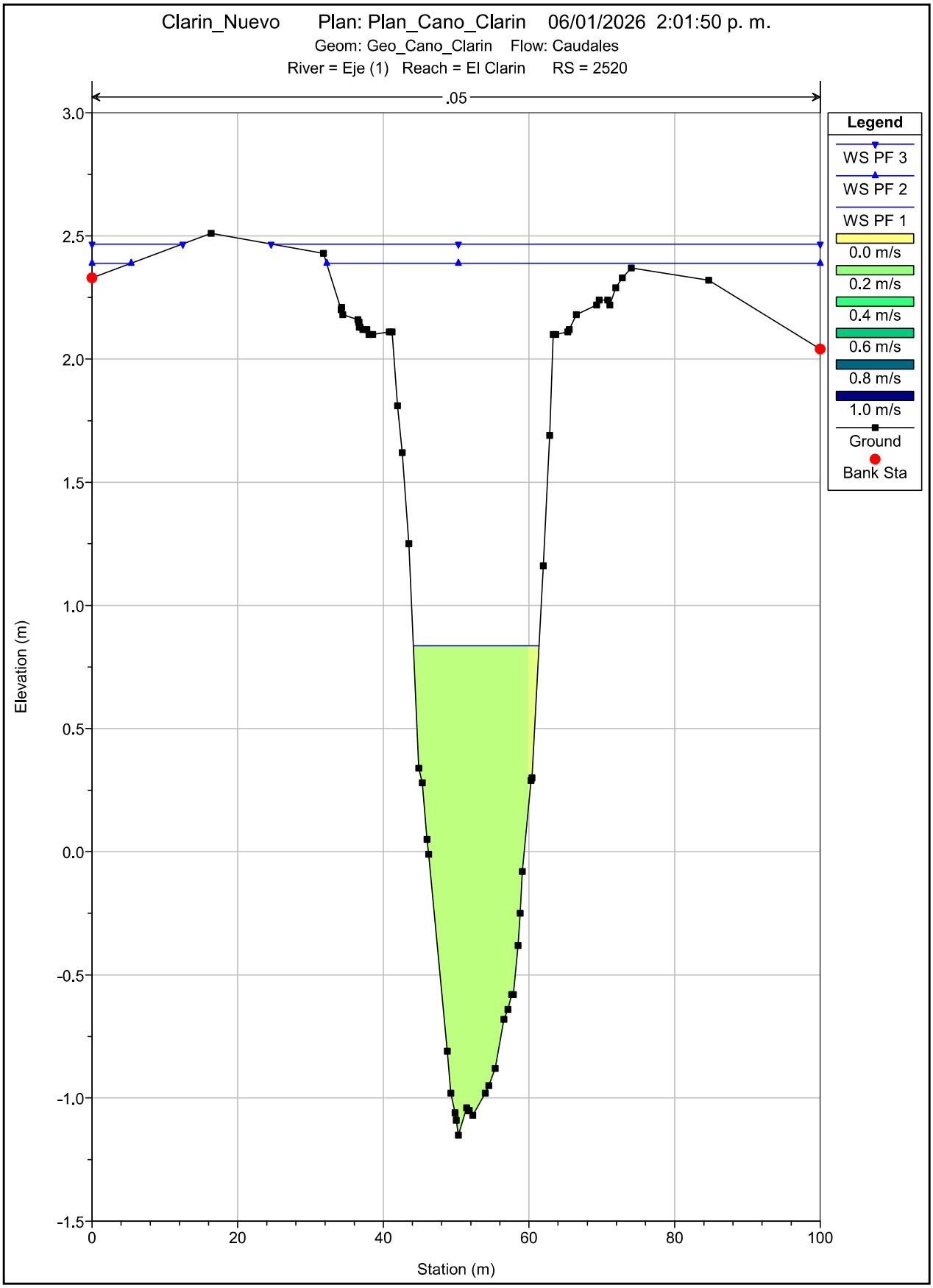

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2620
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

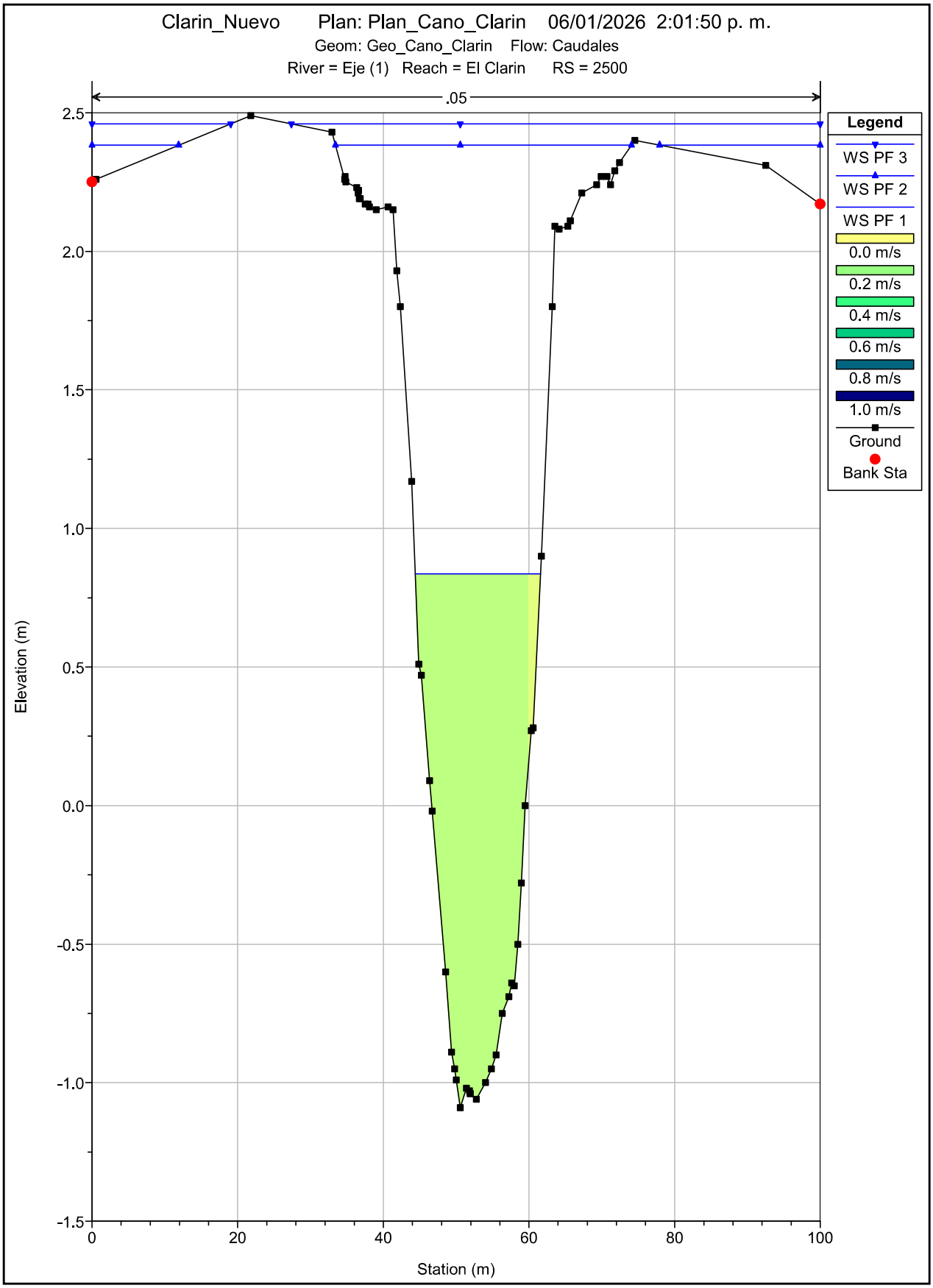

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2600
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

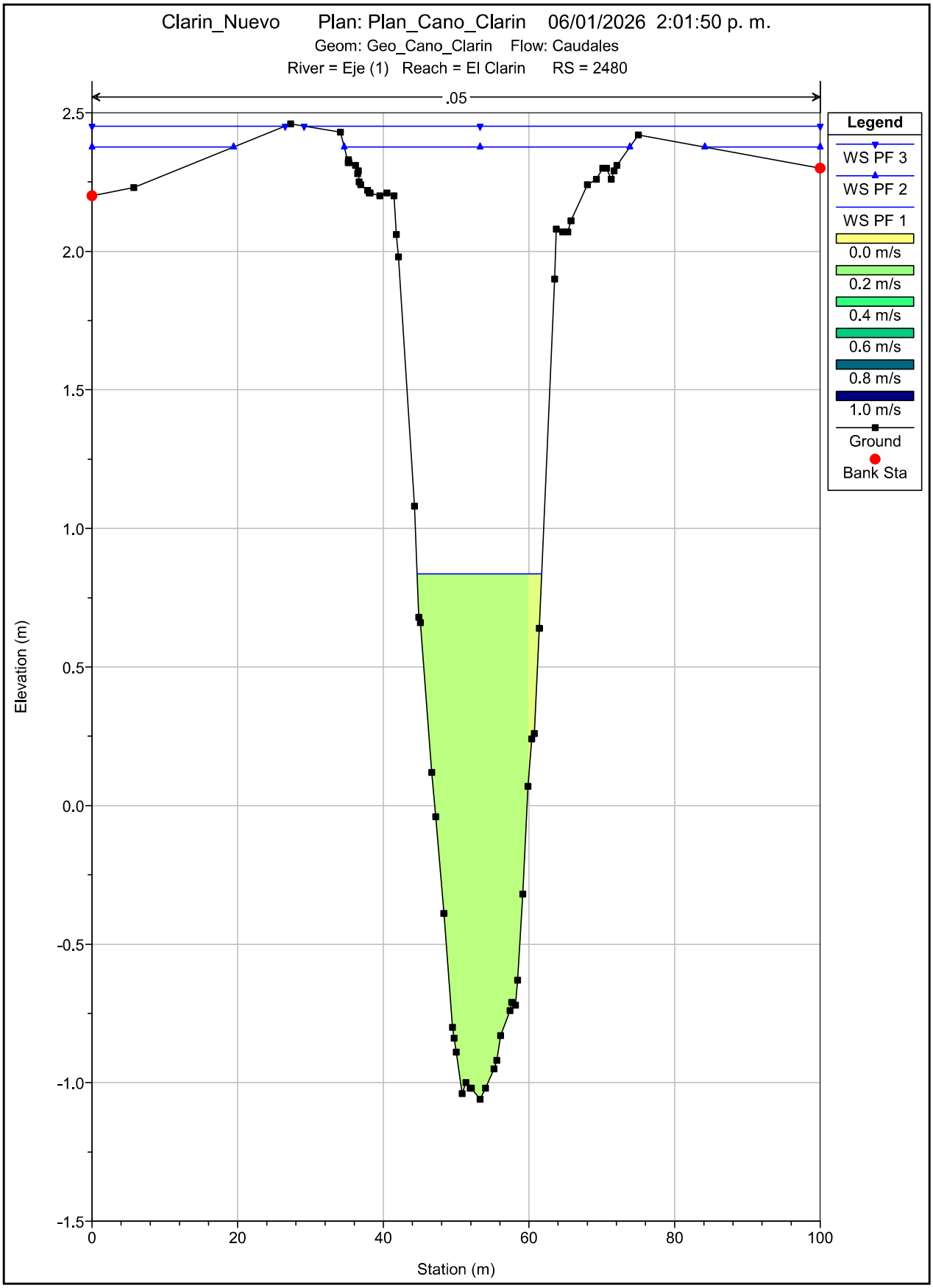

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2580
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

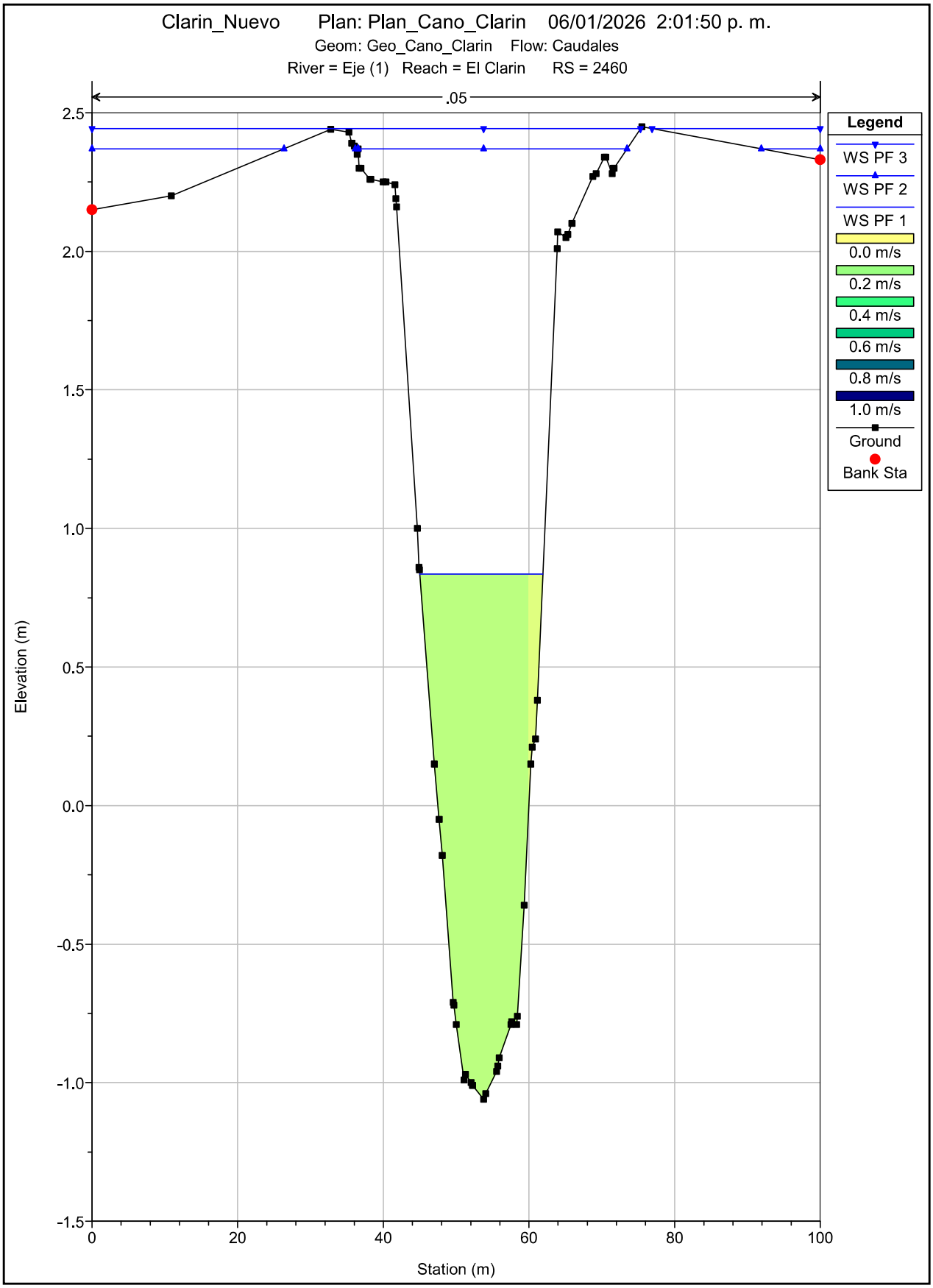

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2560
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

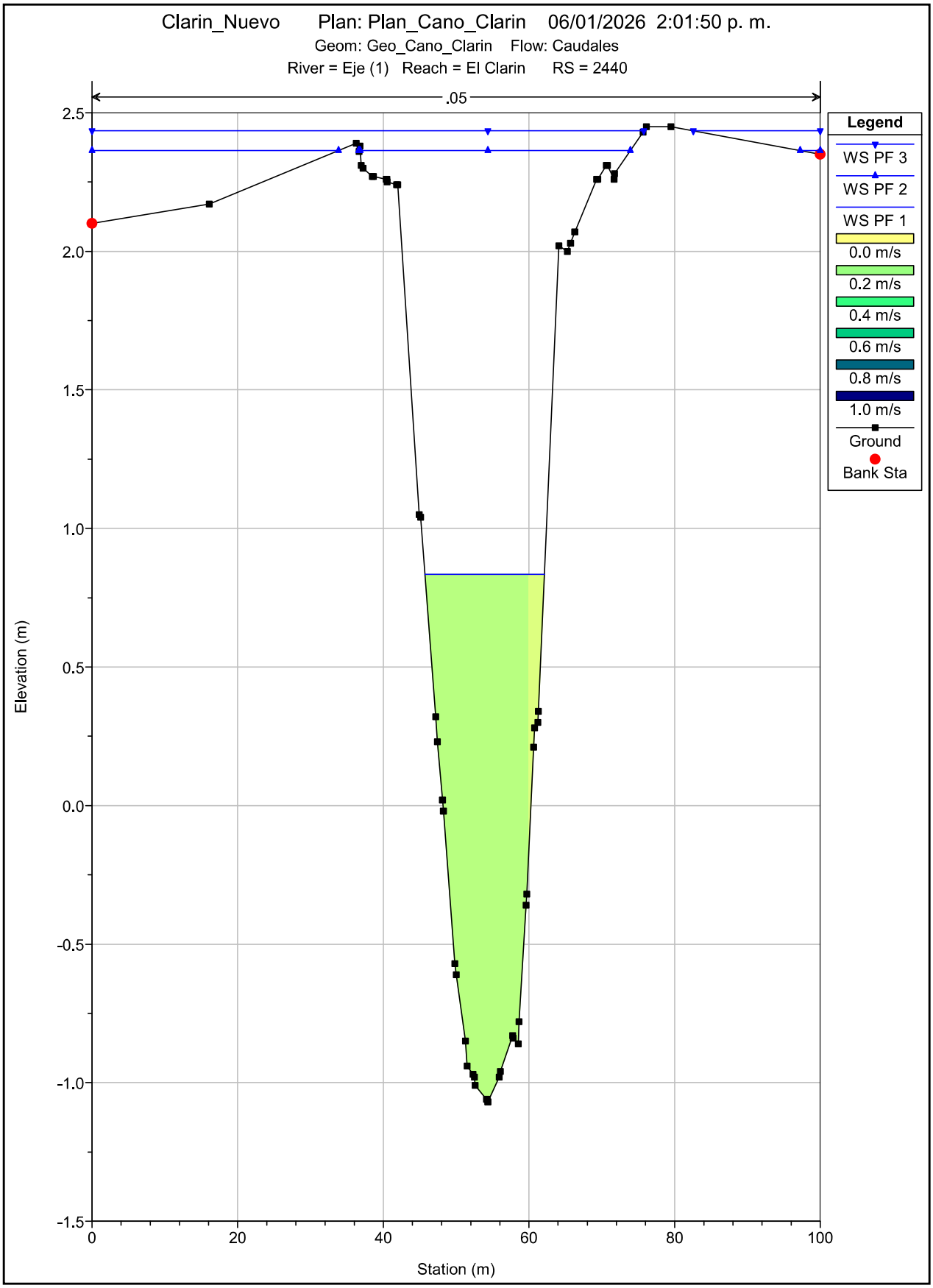

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2540
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

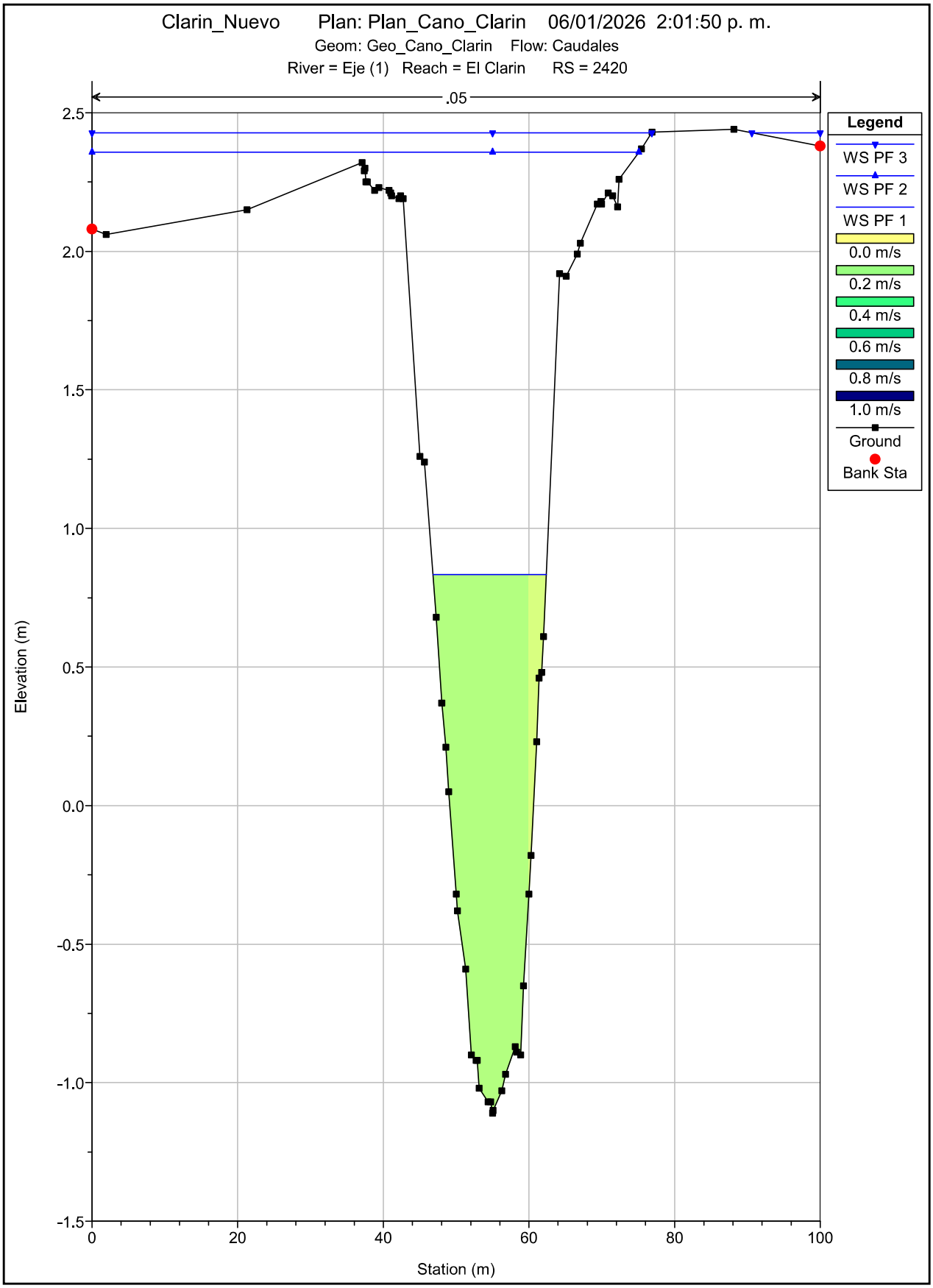

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2520
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

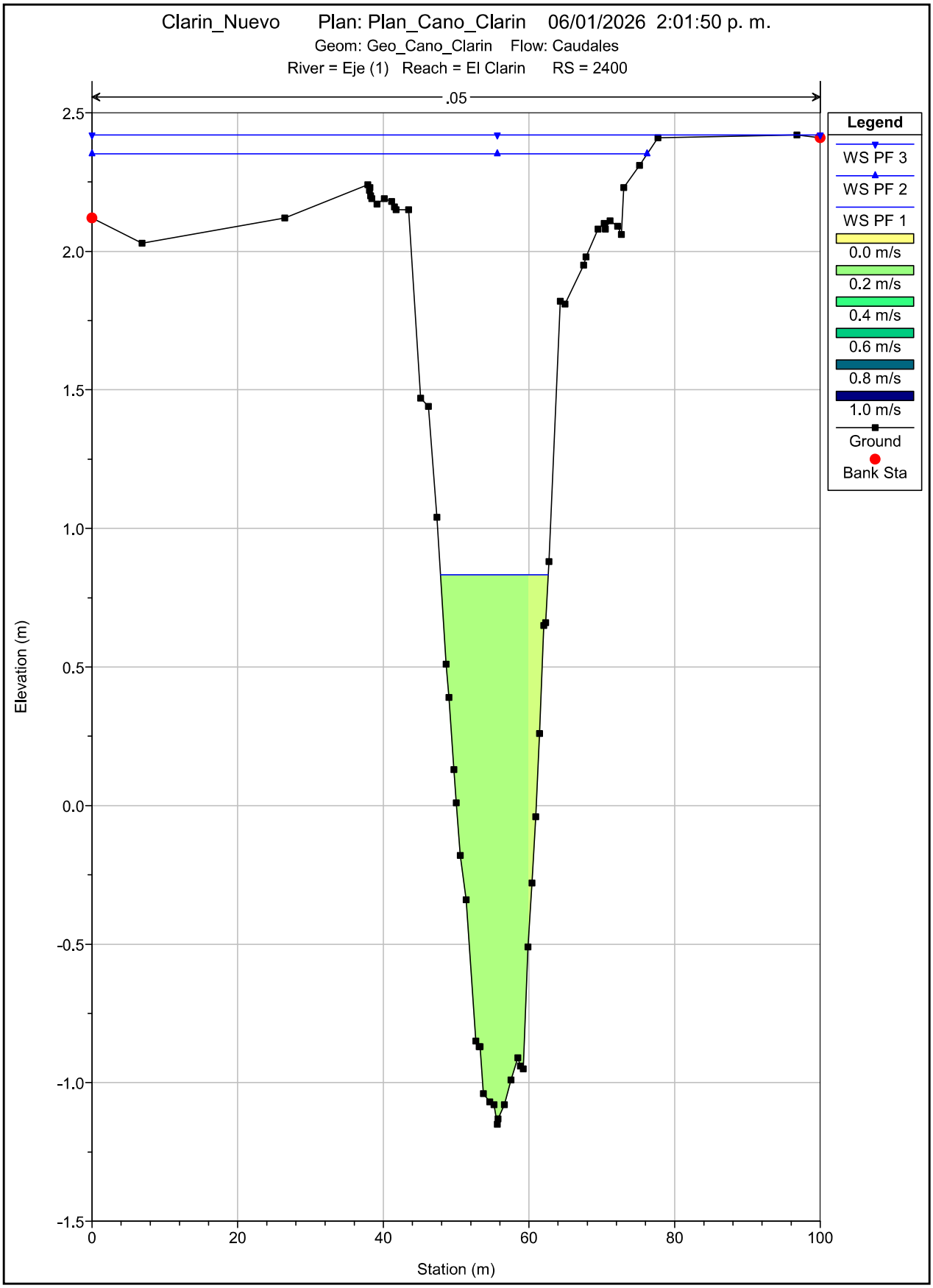

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2500
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

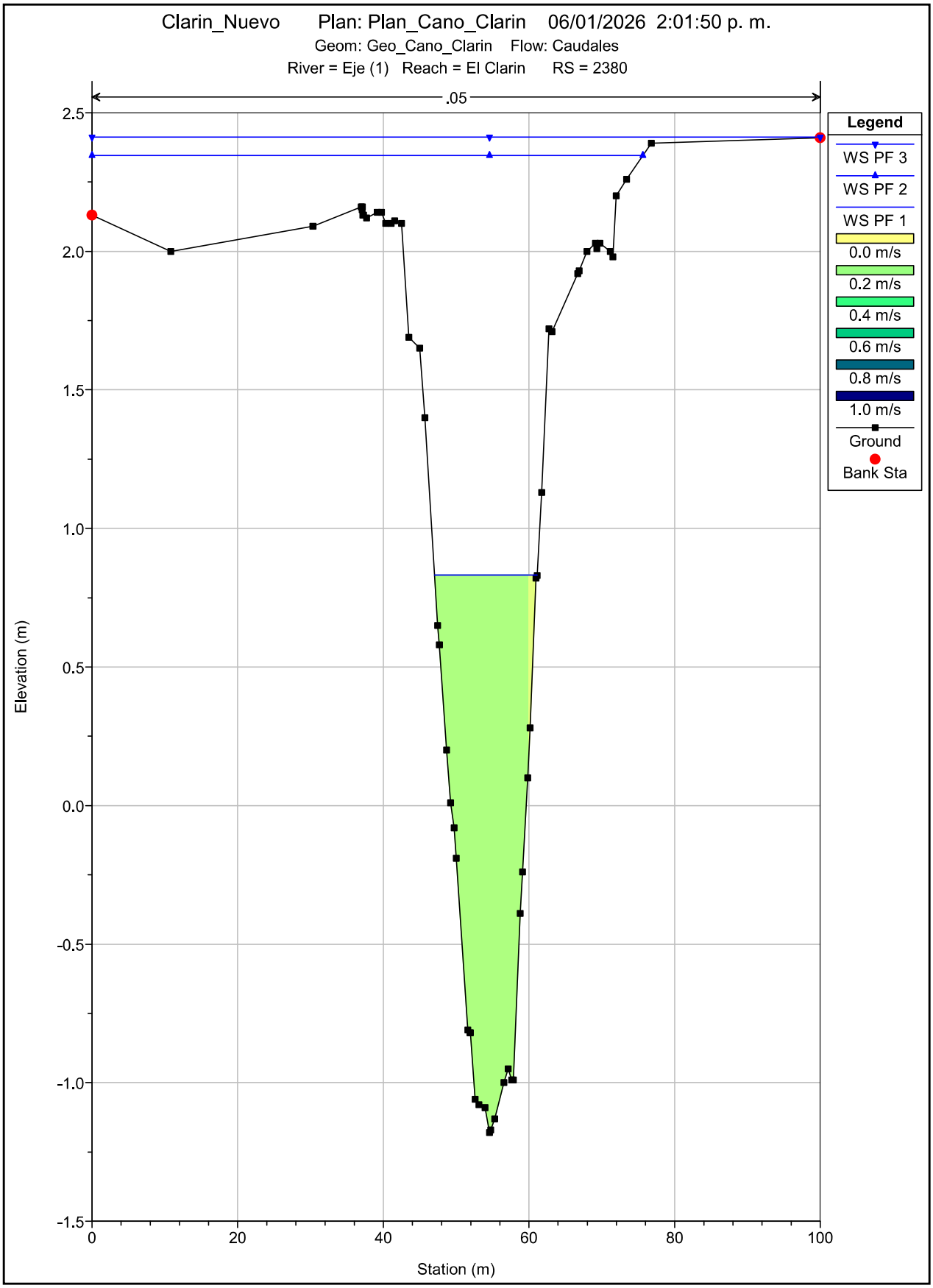

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2480
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

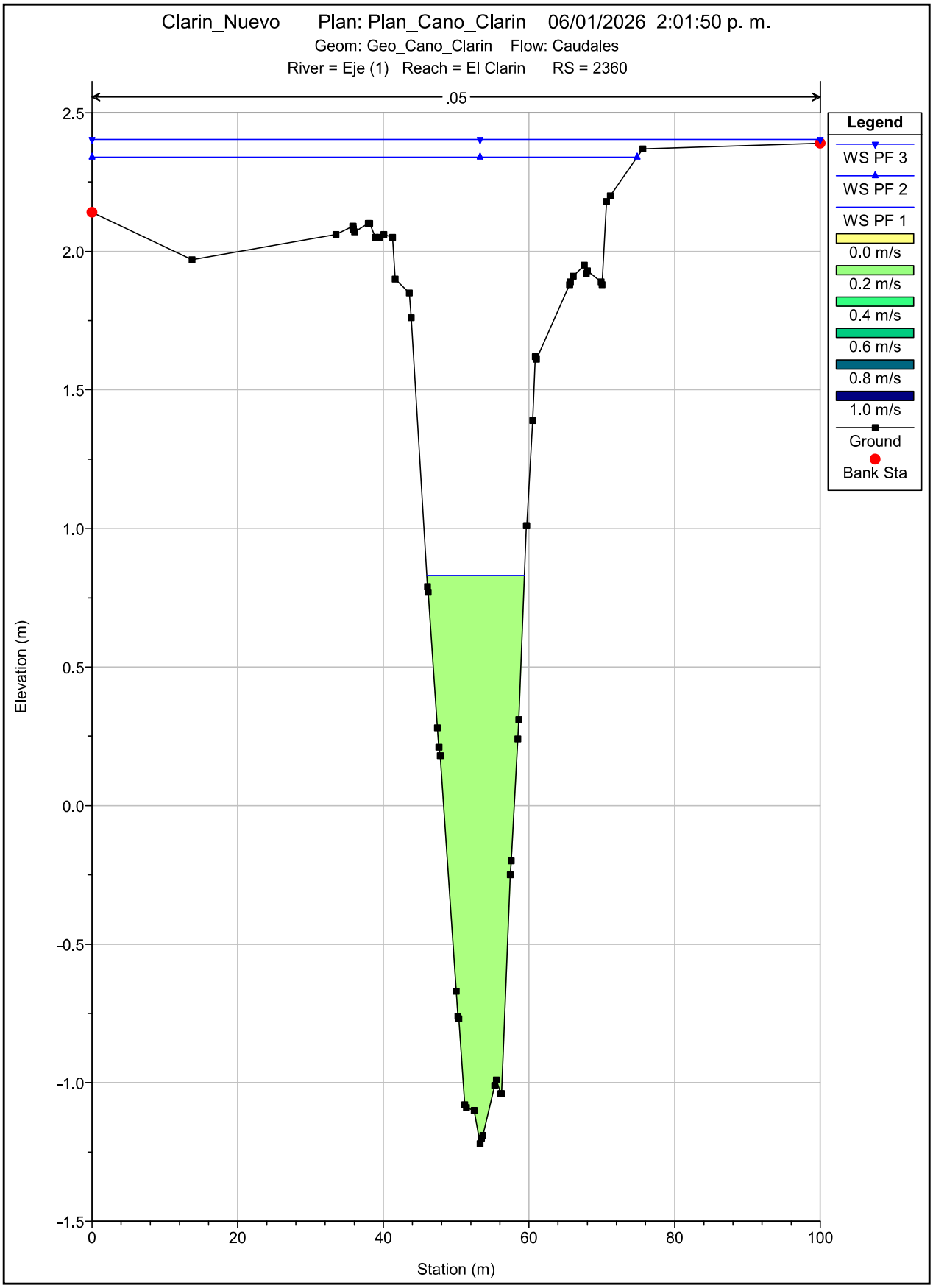

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2460
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

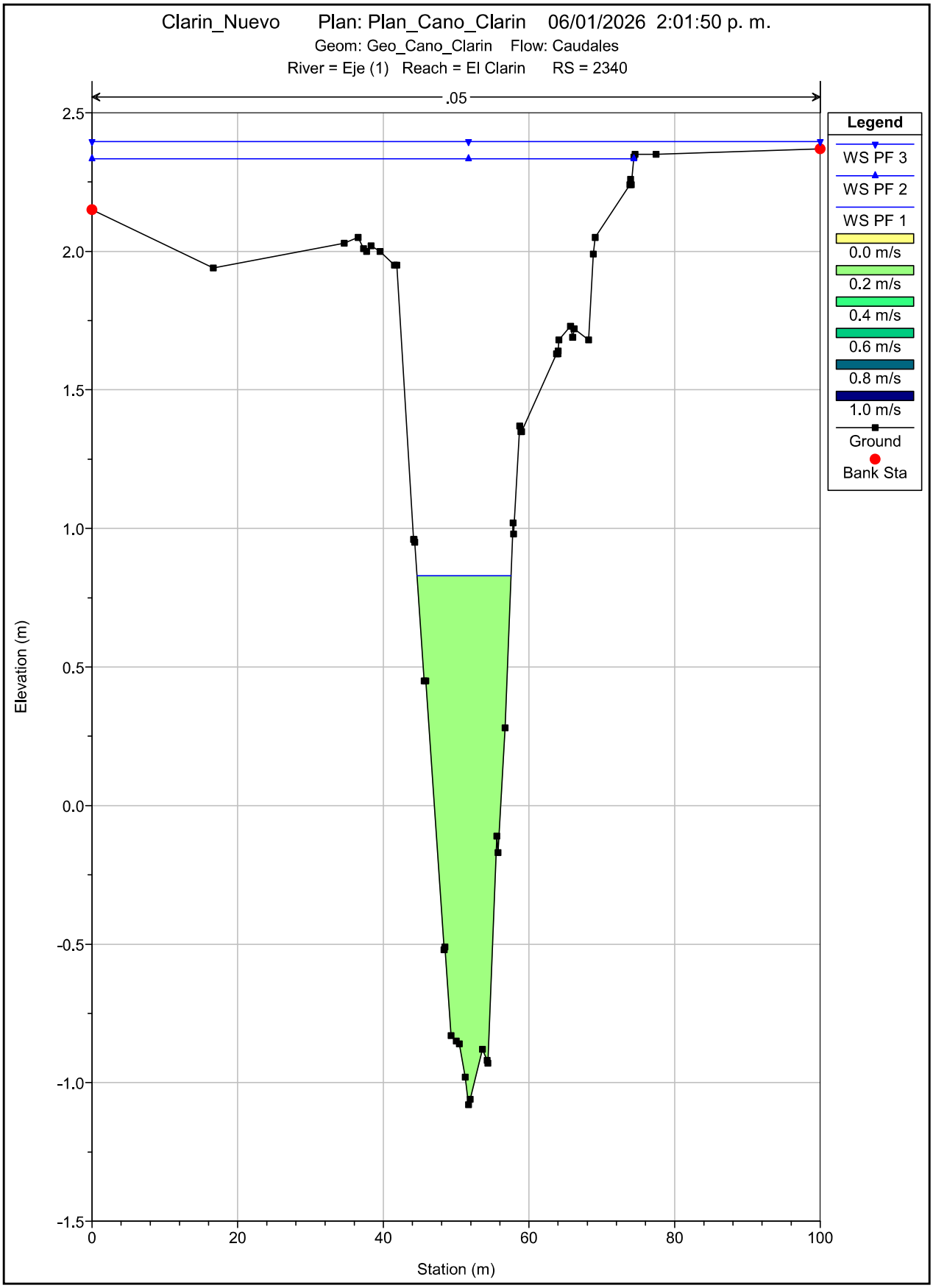

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2440
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

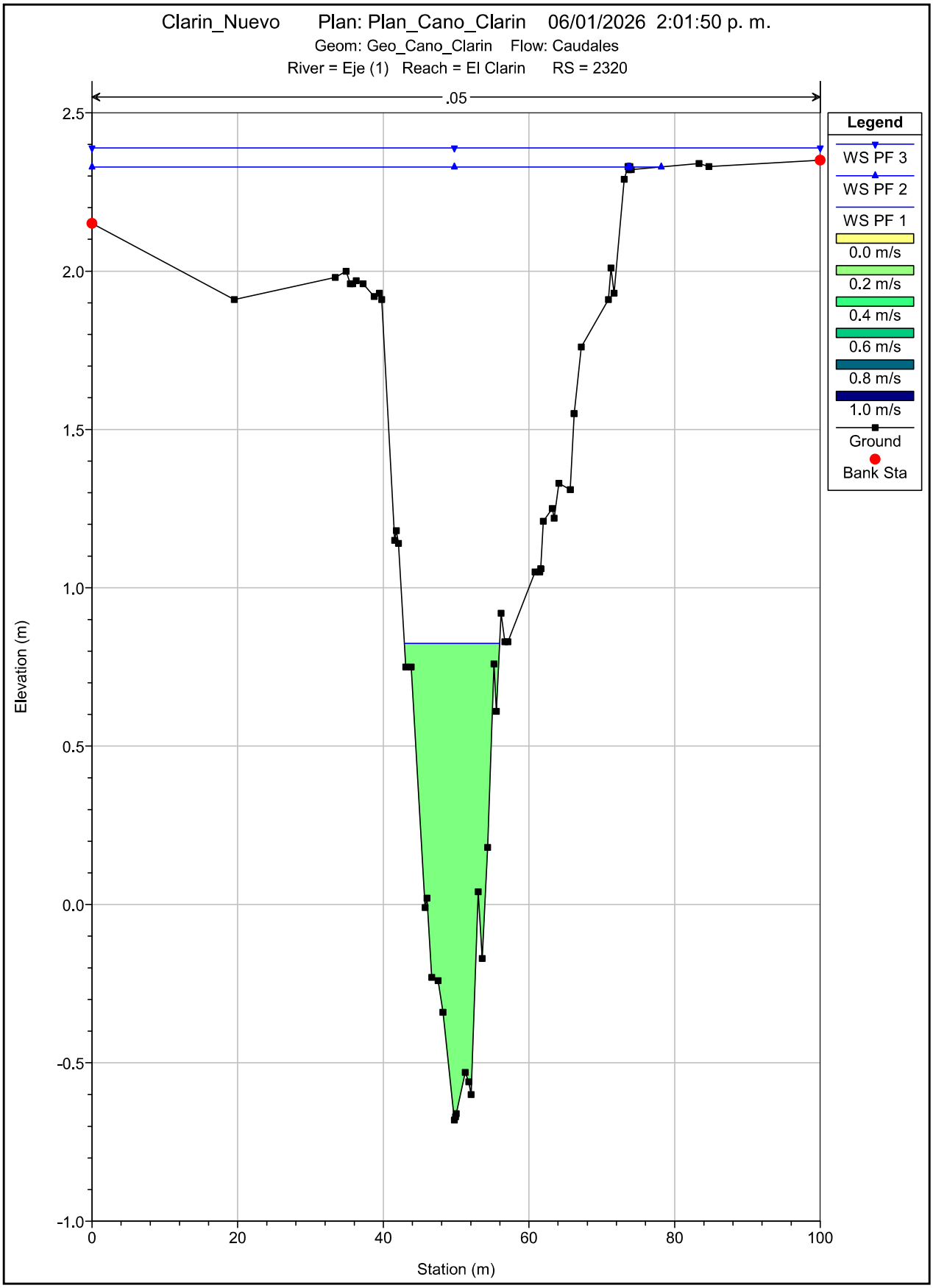

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2420
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

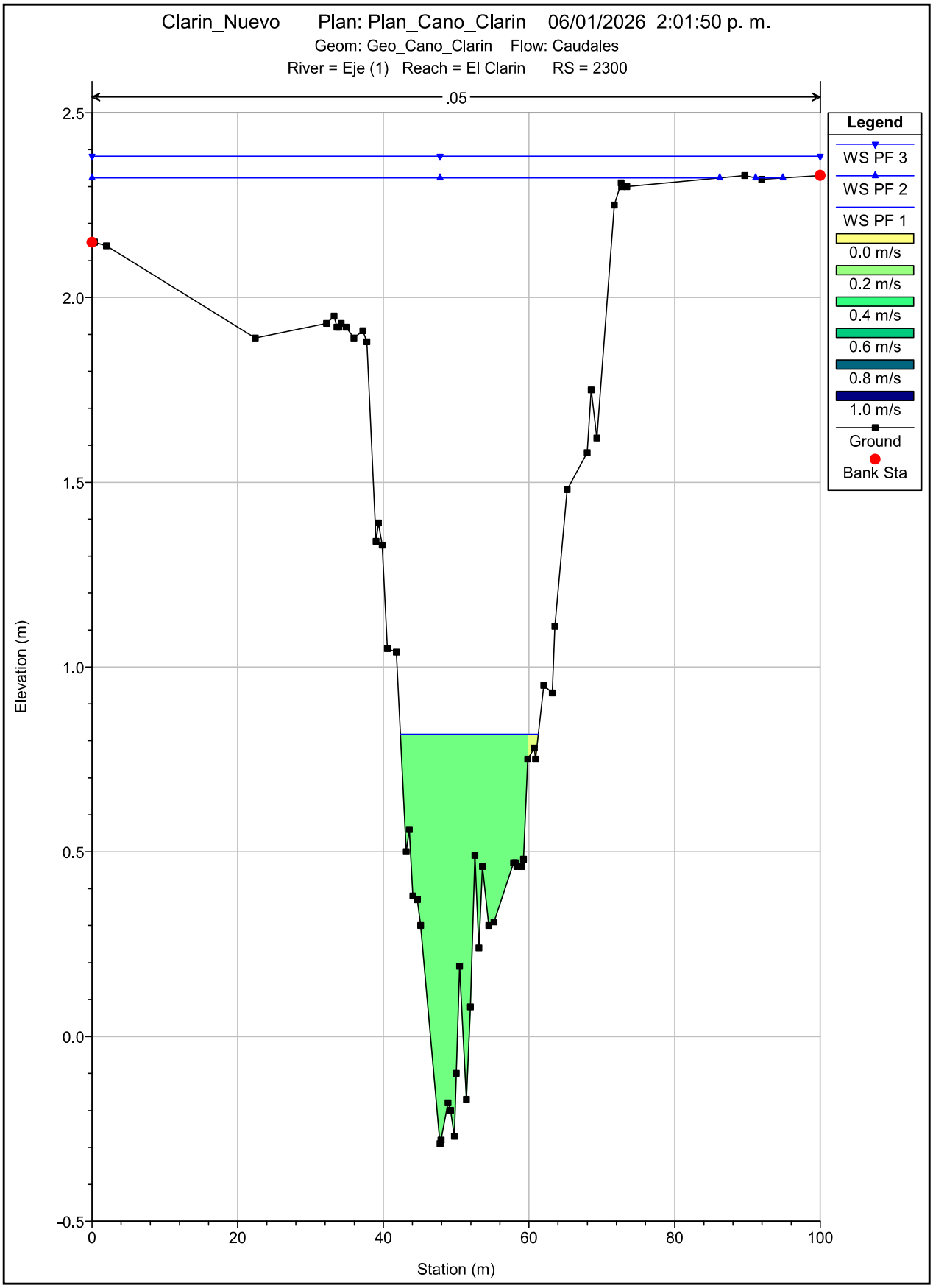

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2400
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

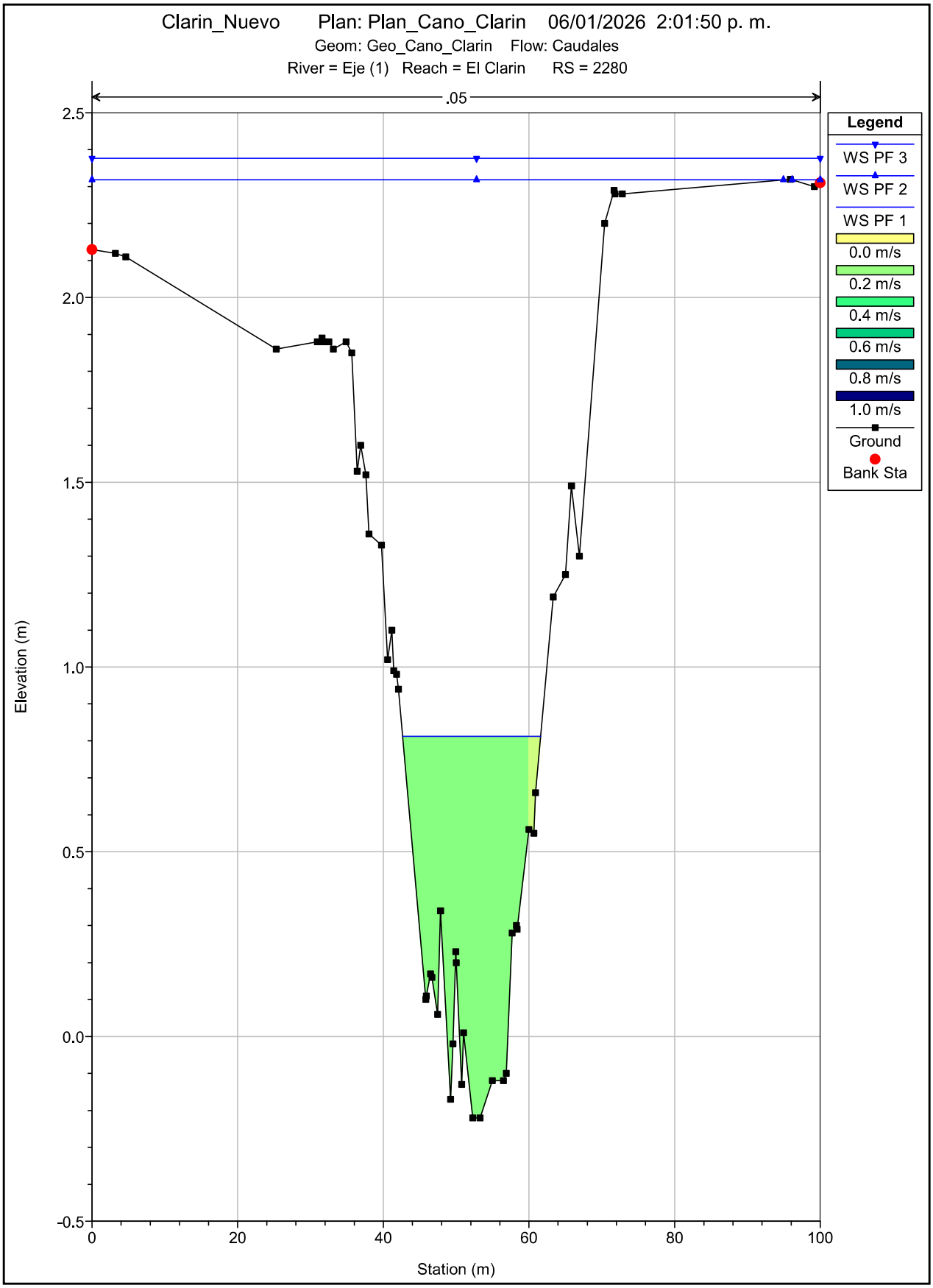

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2380
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

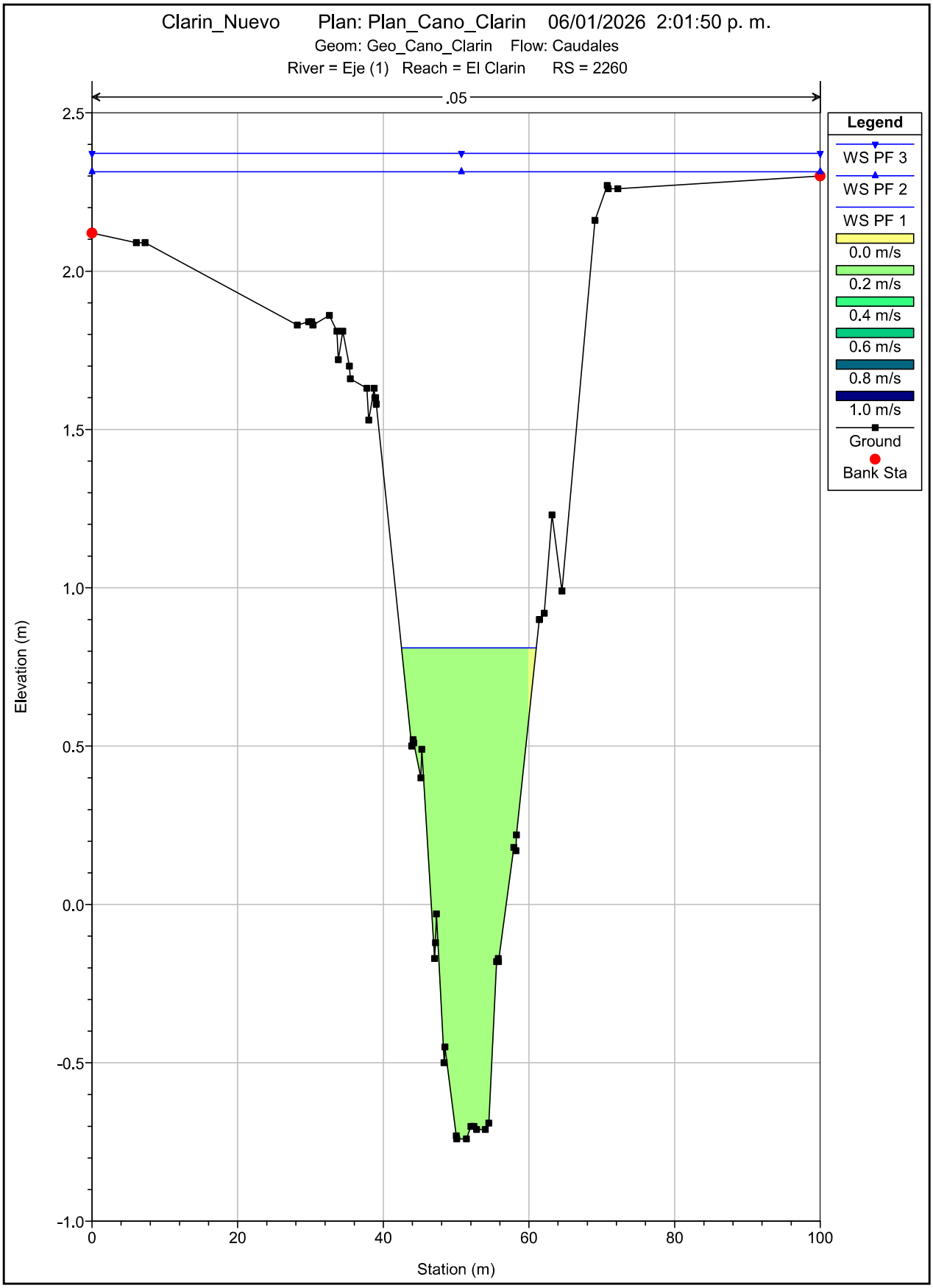

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2360
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

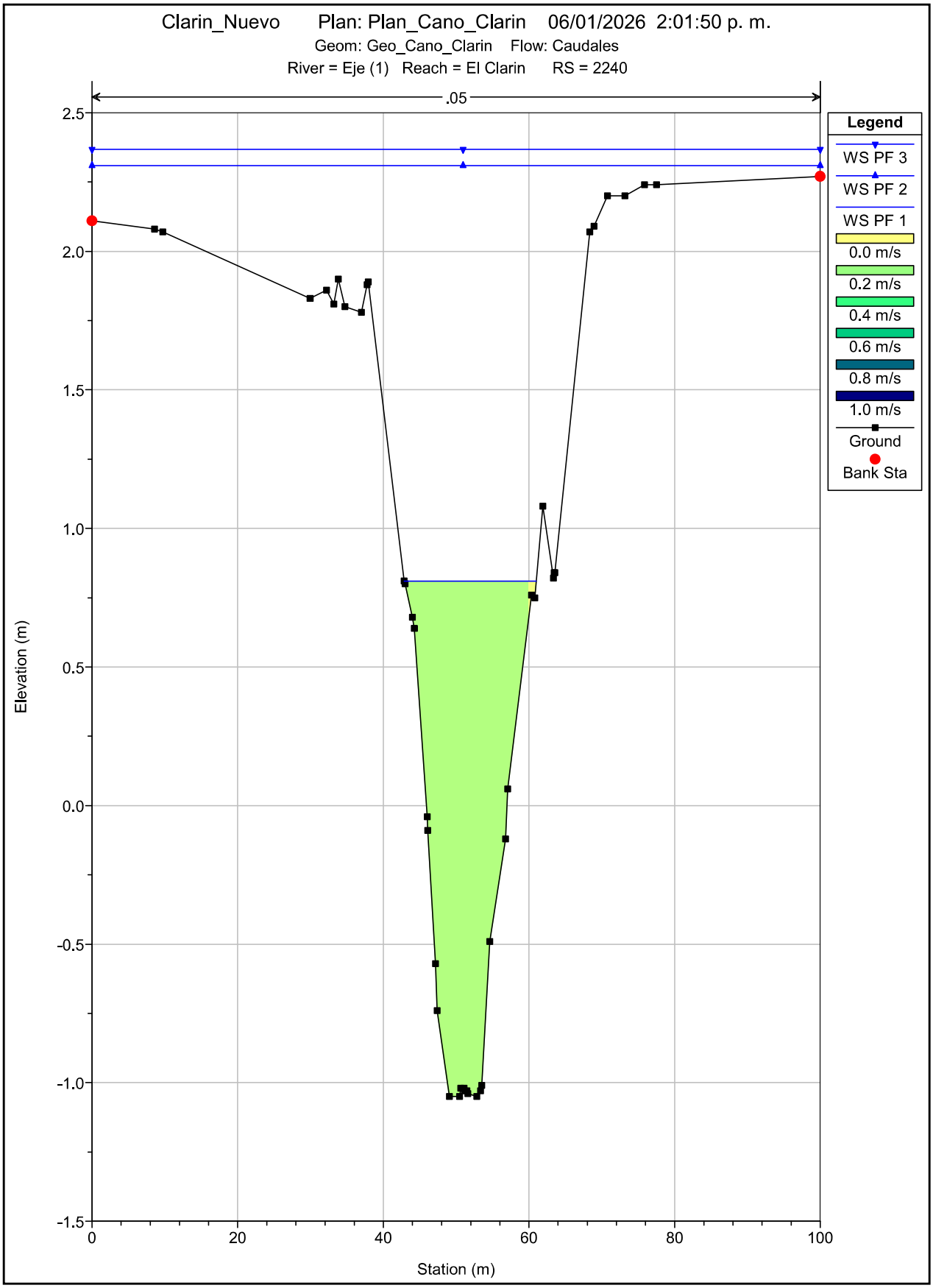

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2340
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

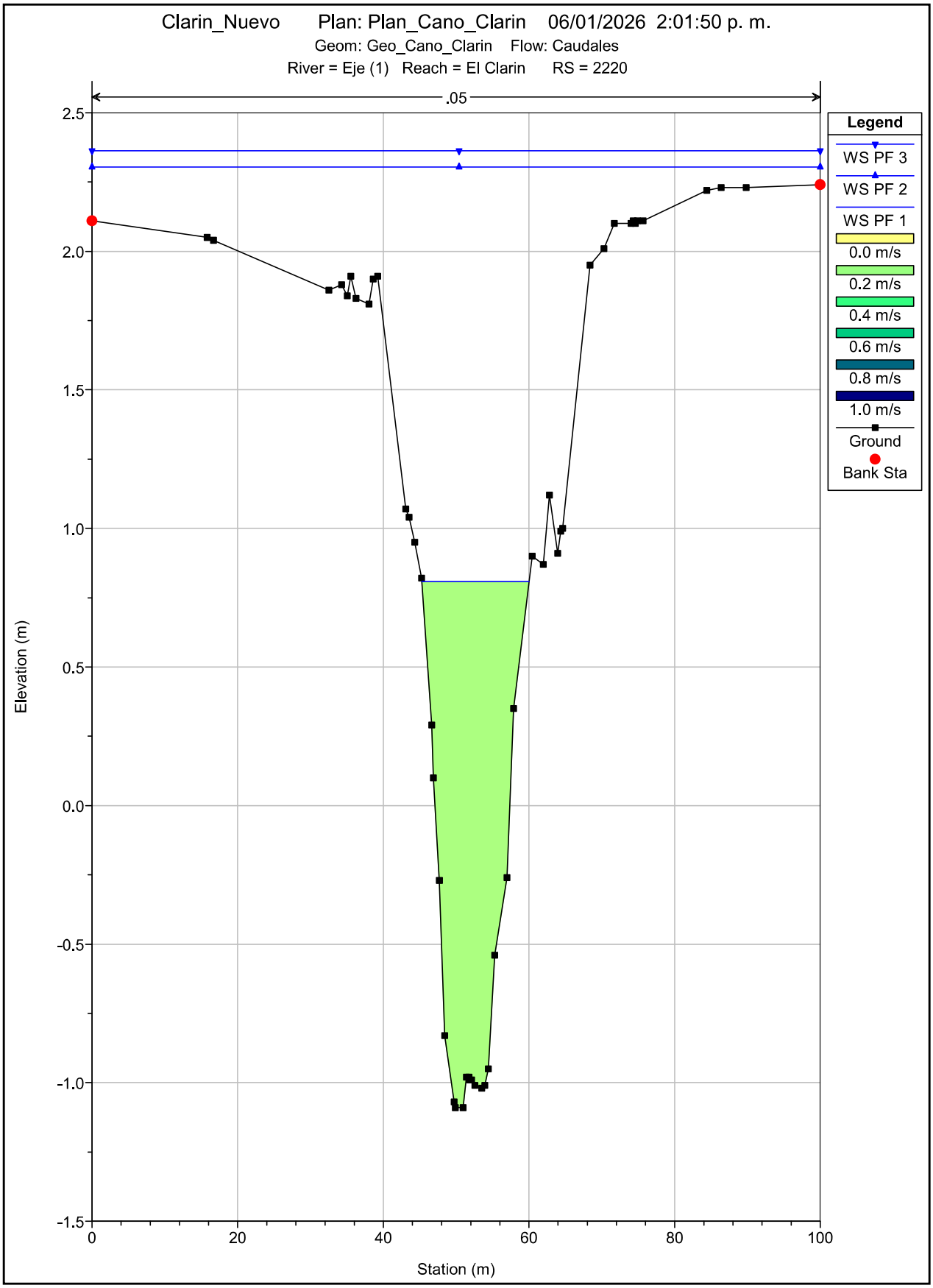

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2320
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

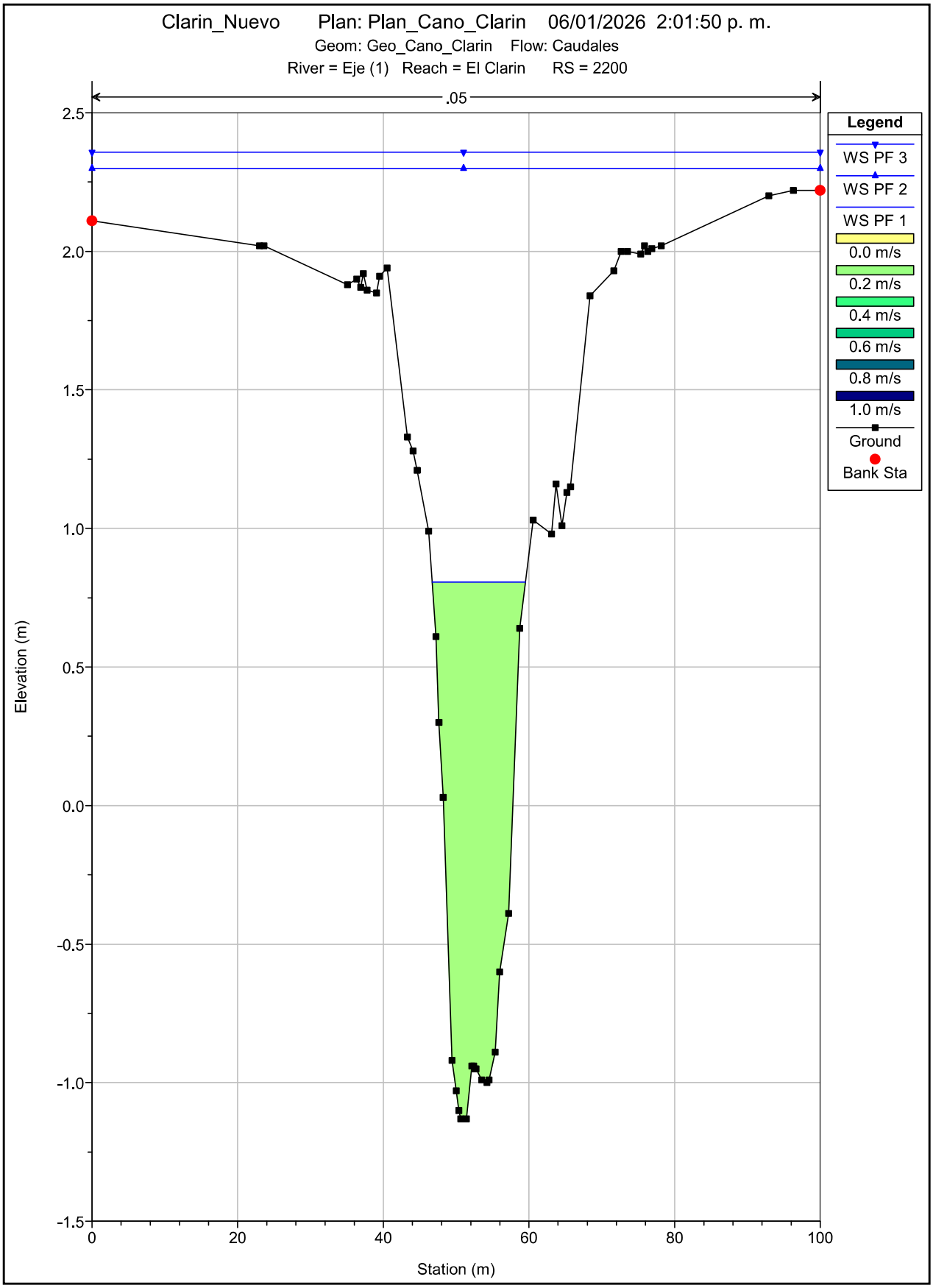

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2300
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
20
40
60
80
100

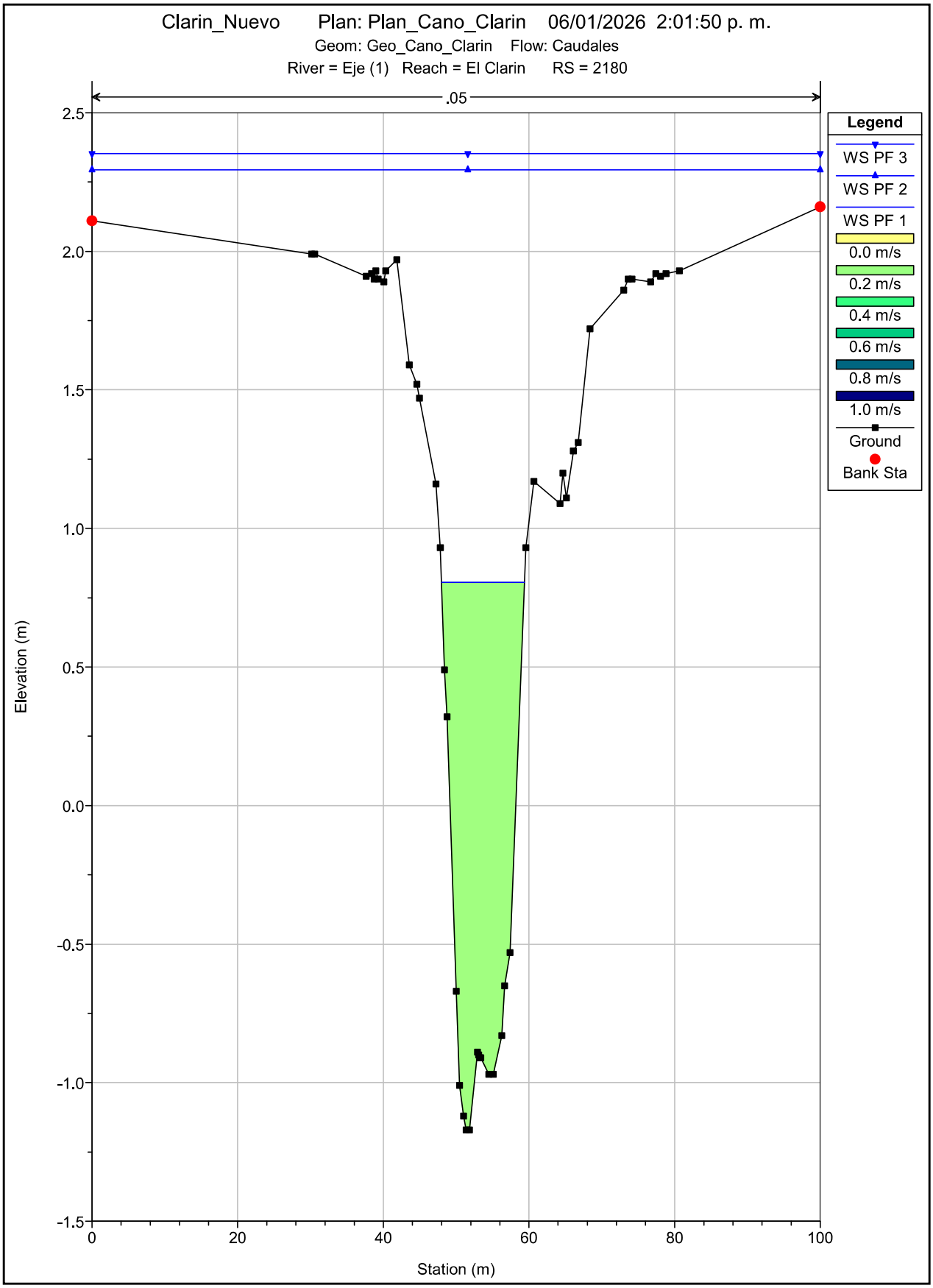

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2280
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
20
40
60
80
100

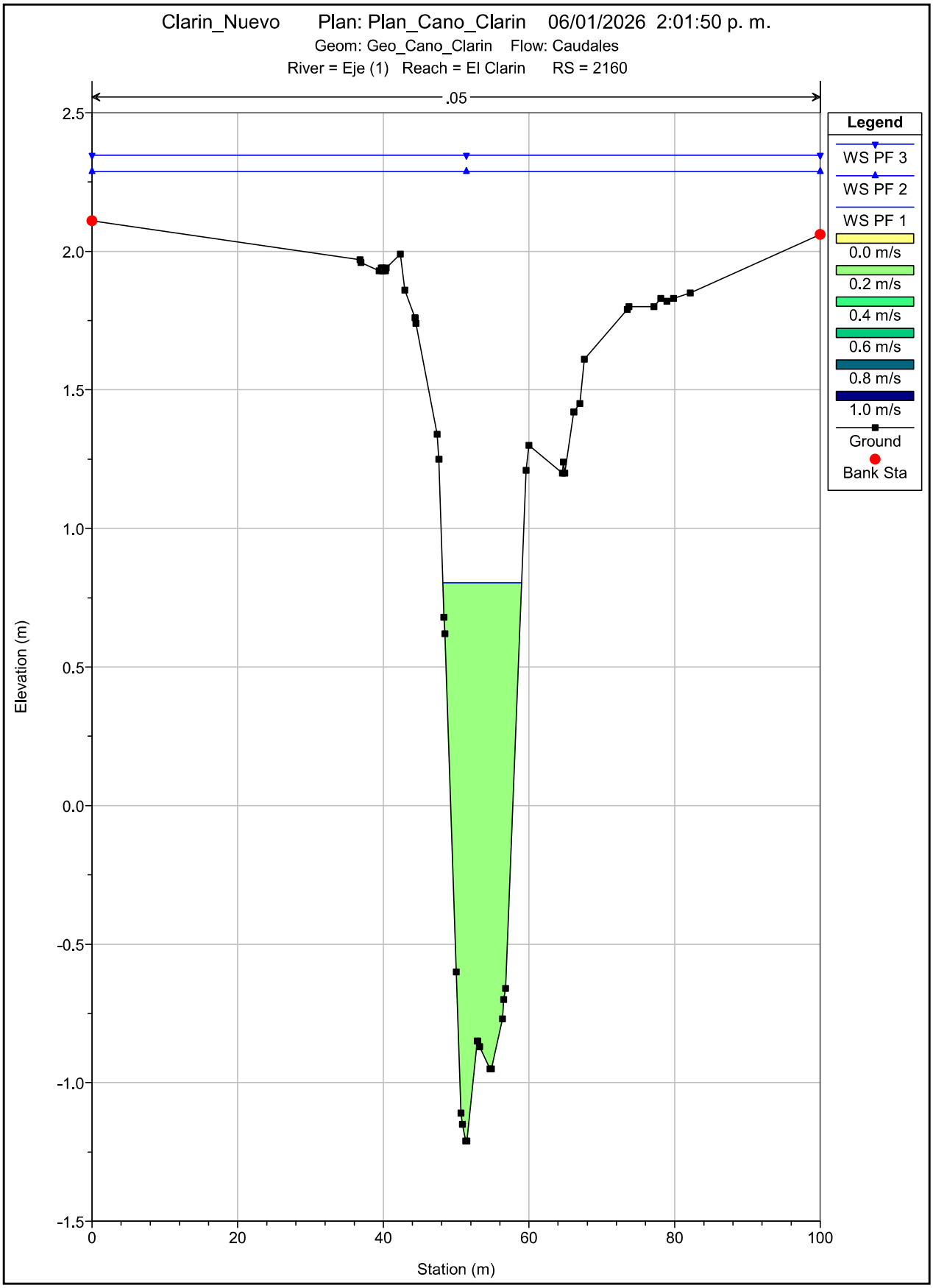

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2260
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

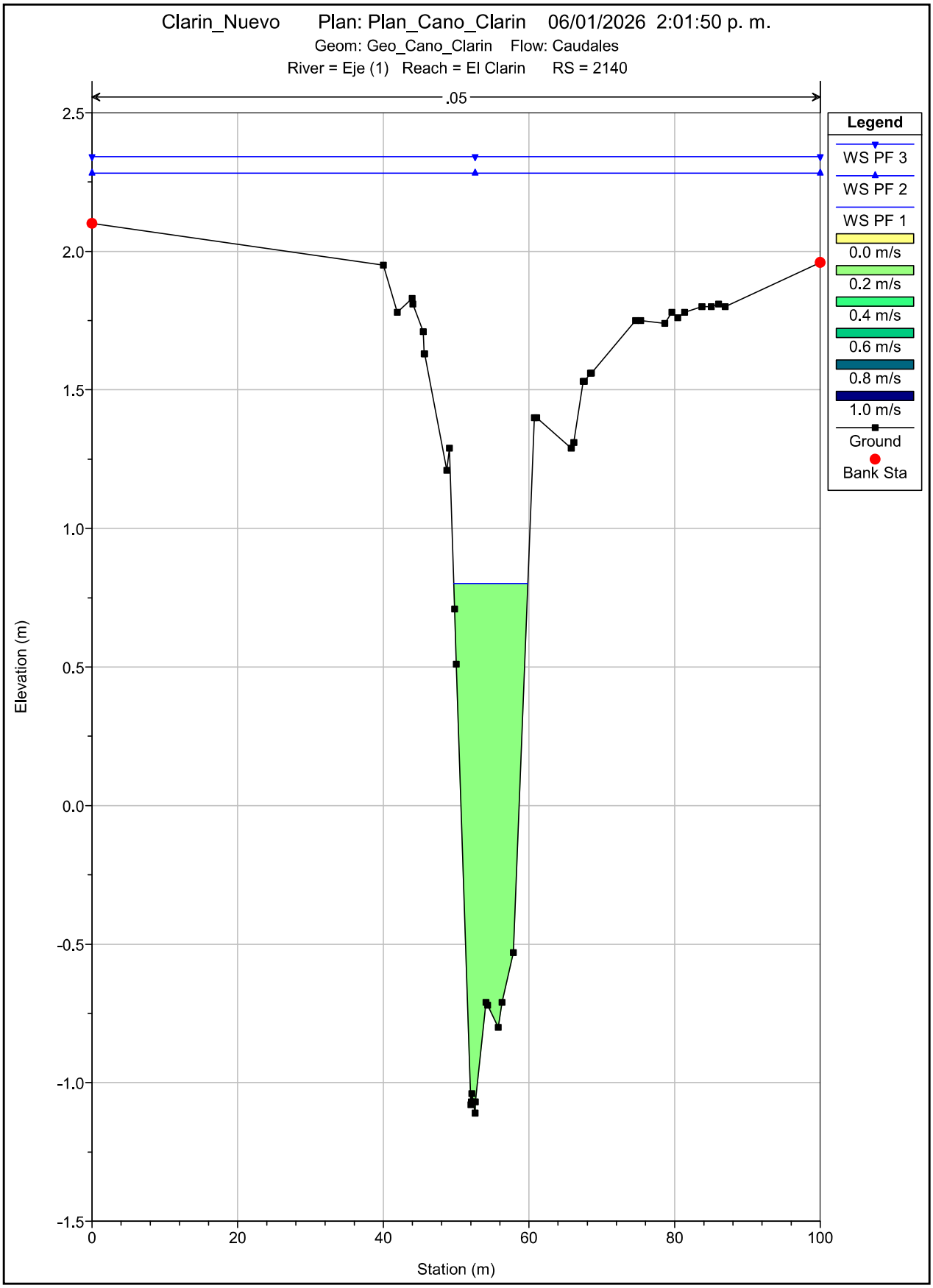

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2240
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

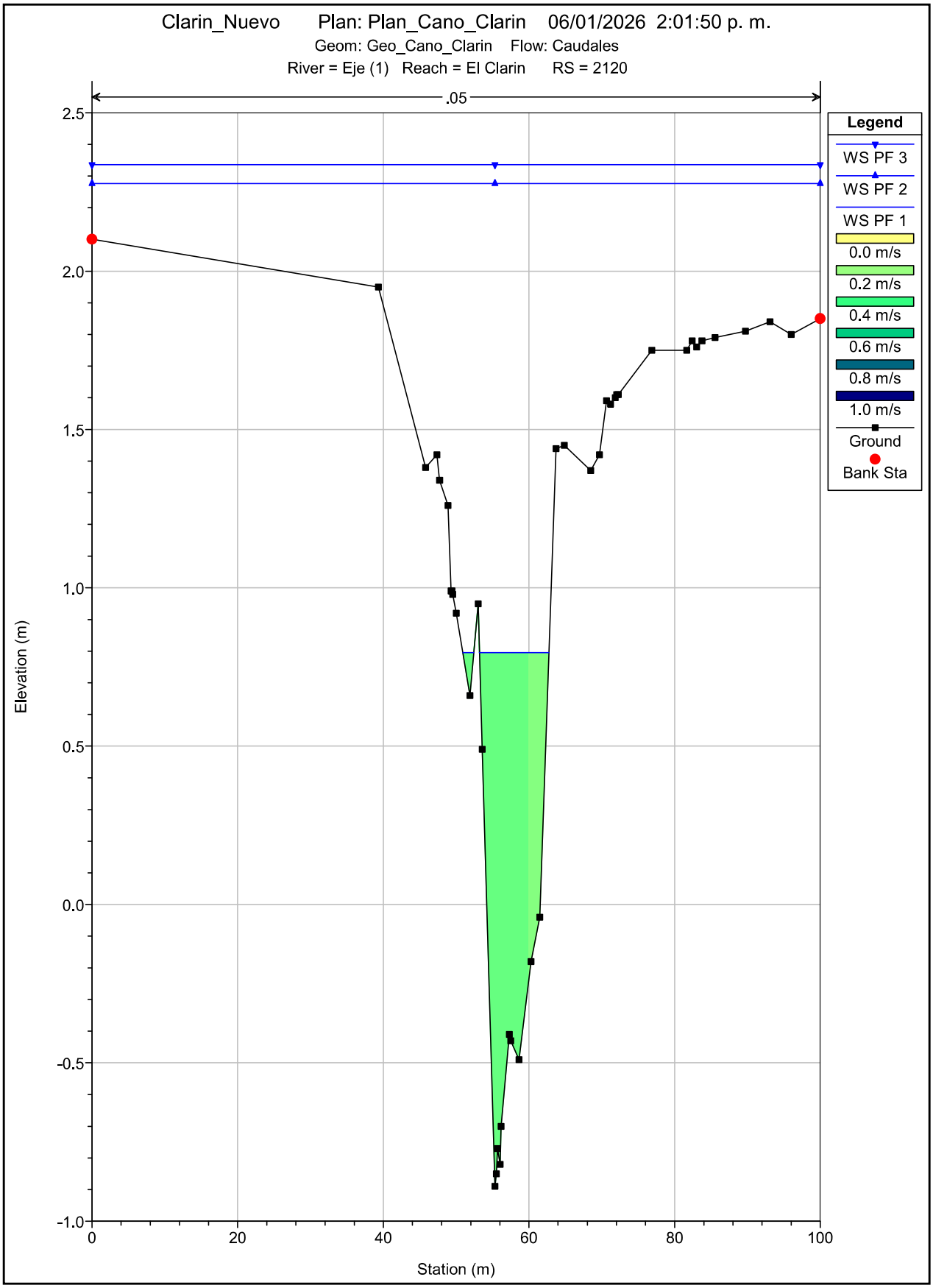

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2220
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

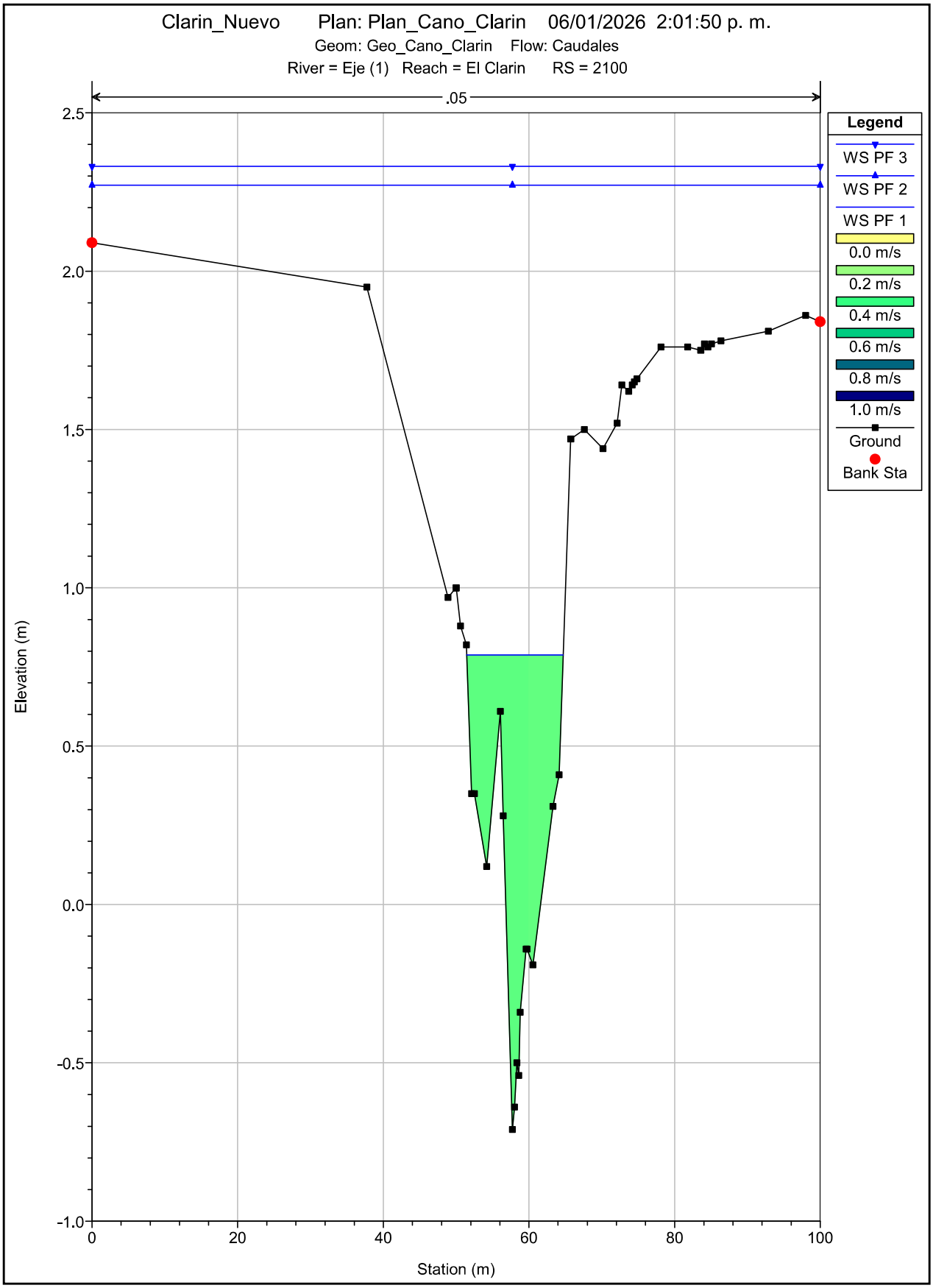

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2200
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

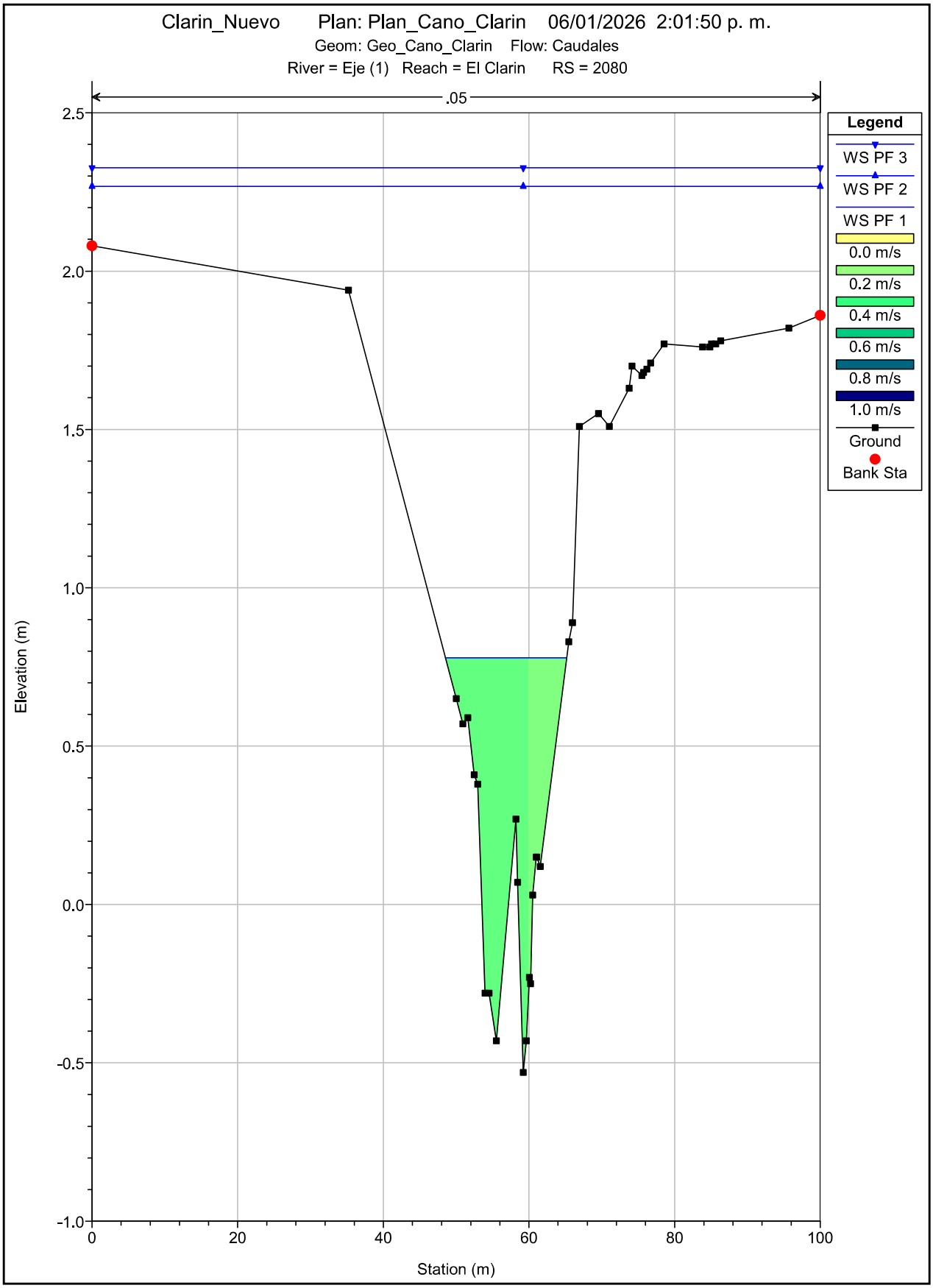

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2180
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

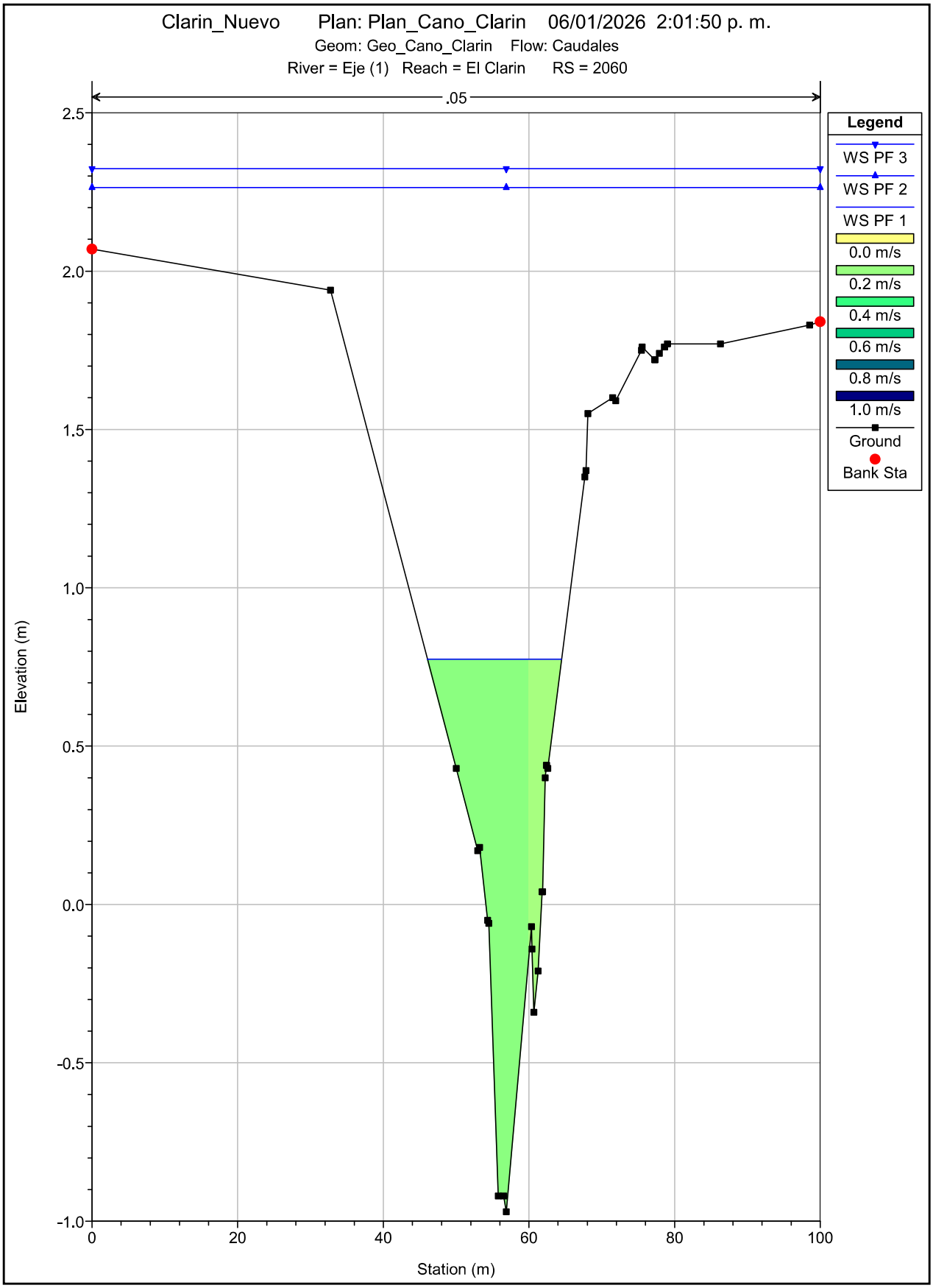

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2160
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

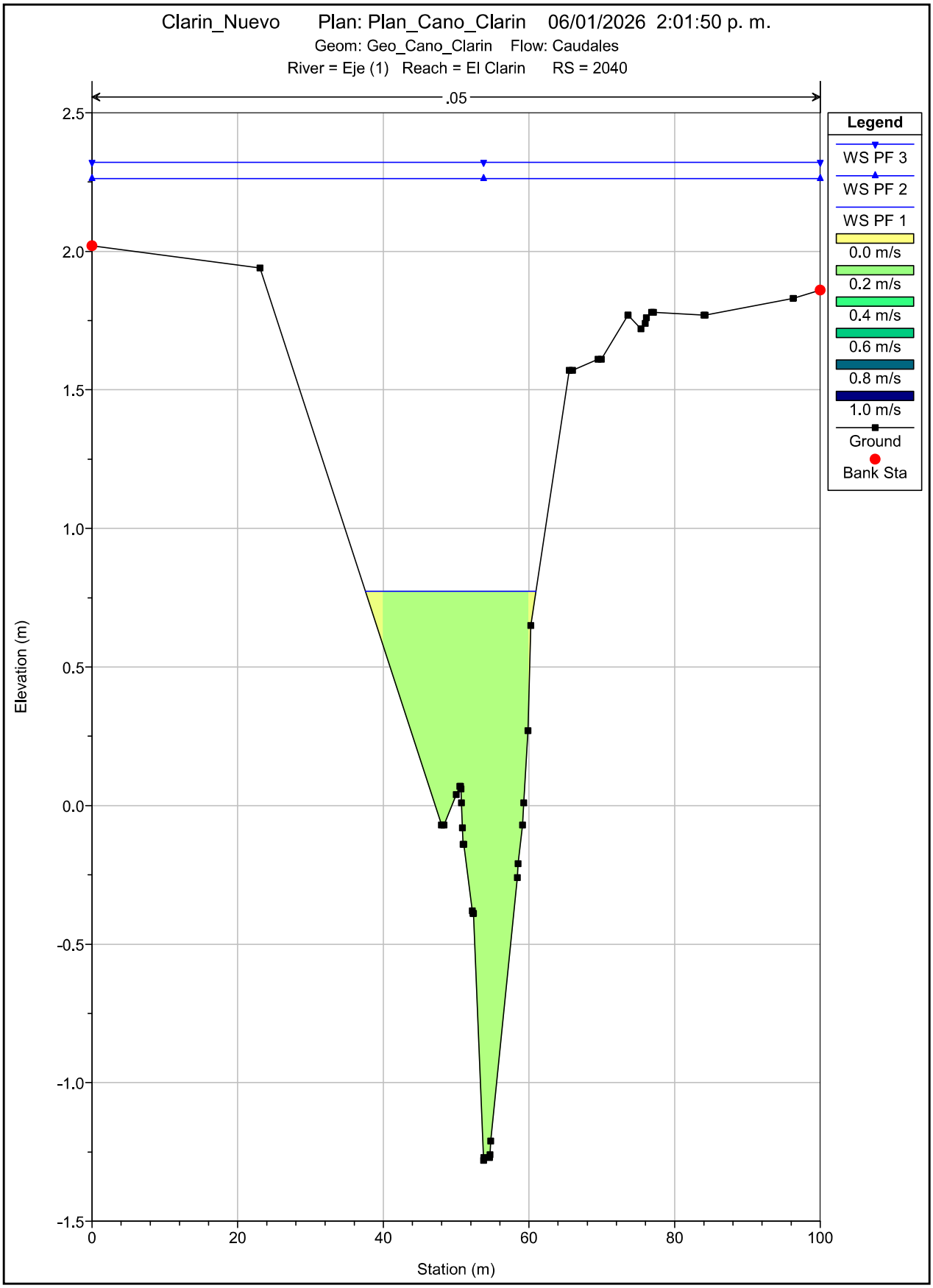

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2140
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

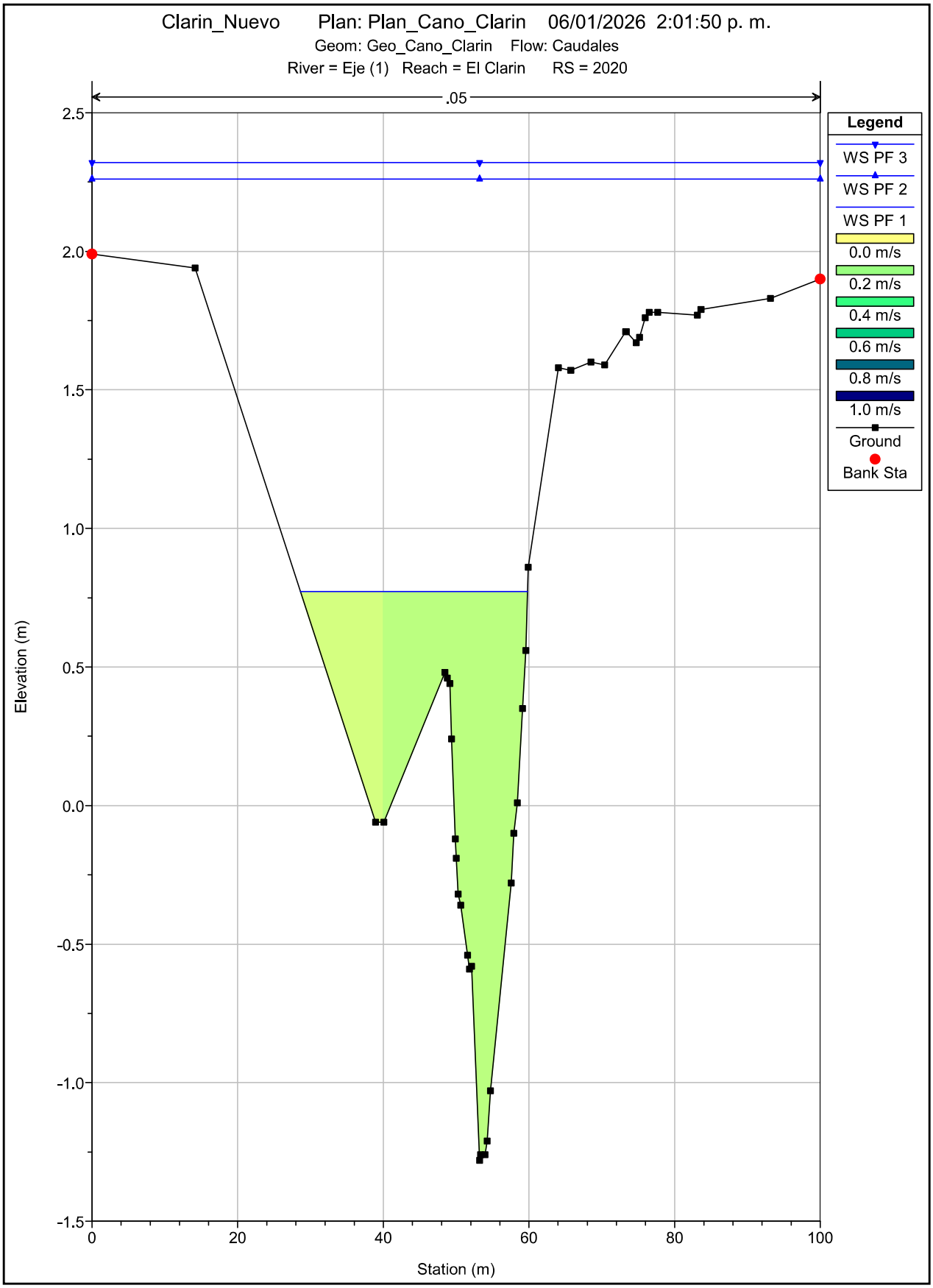

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2120
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

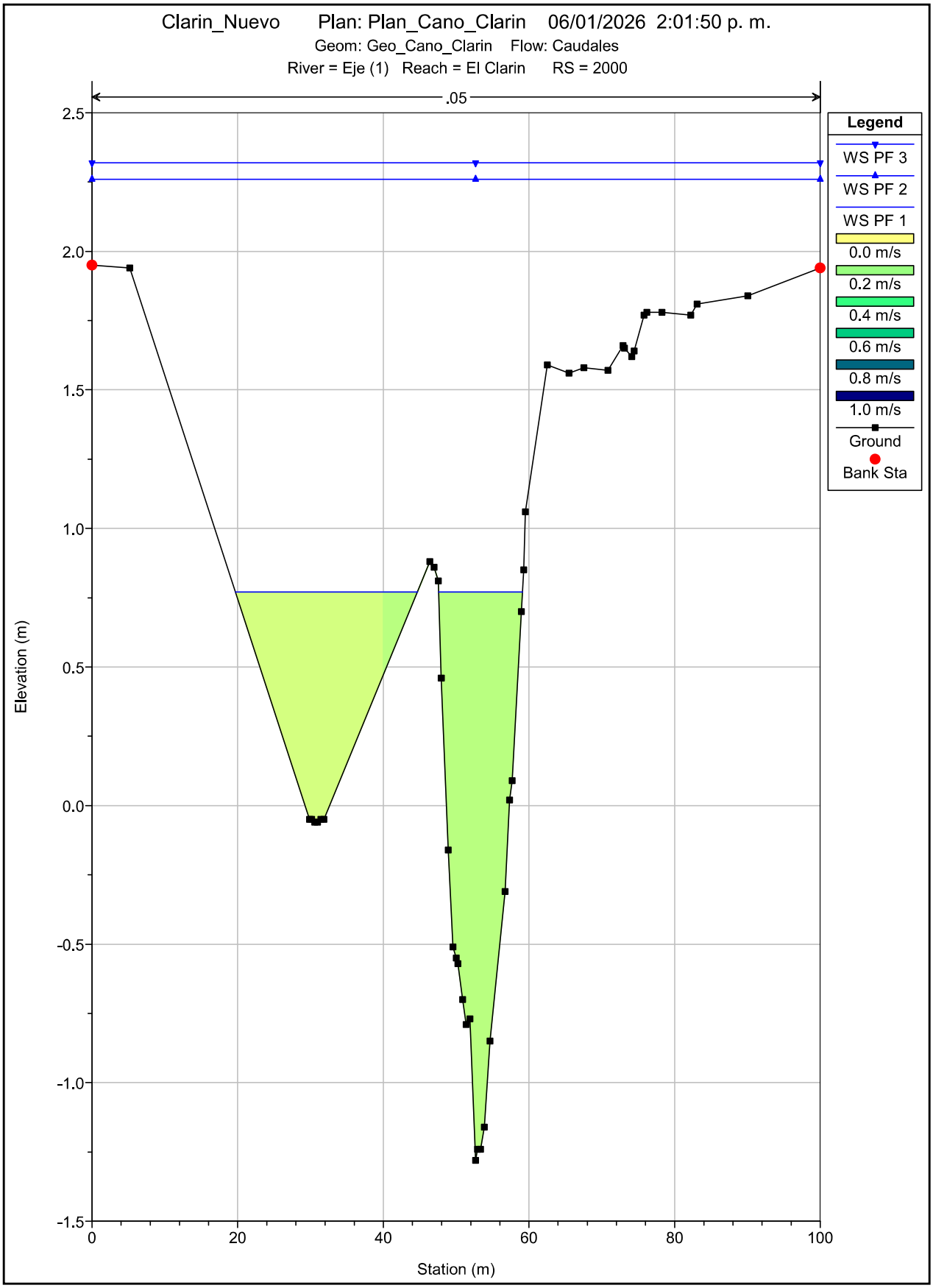

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2100
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

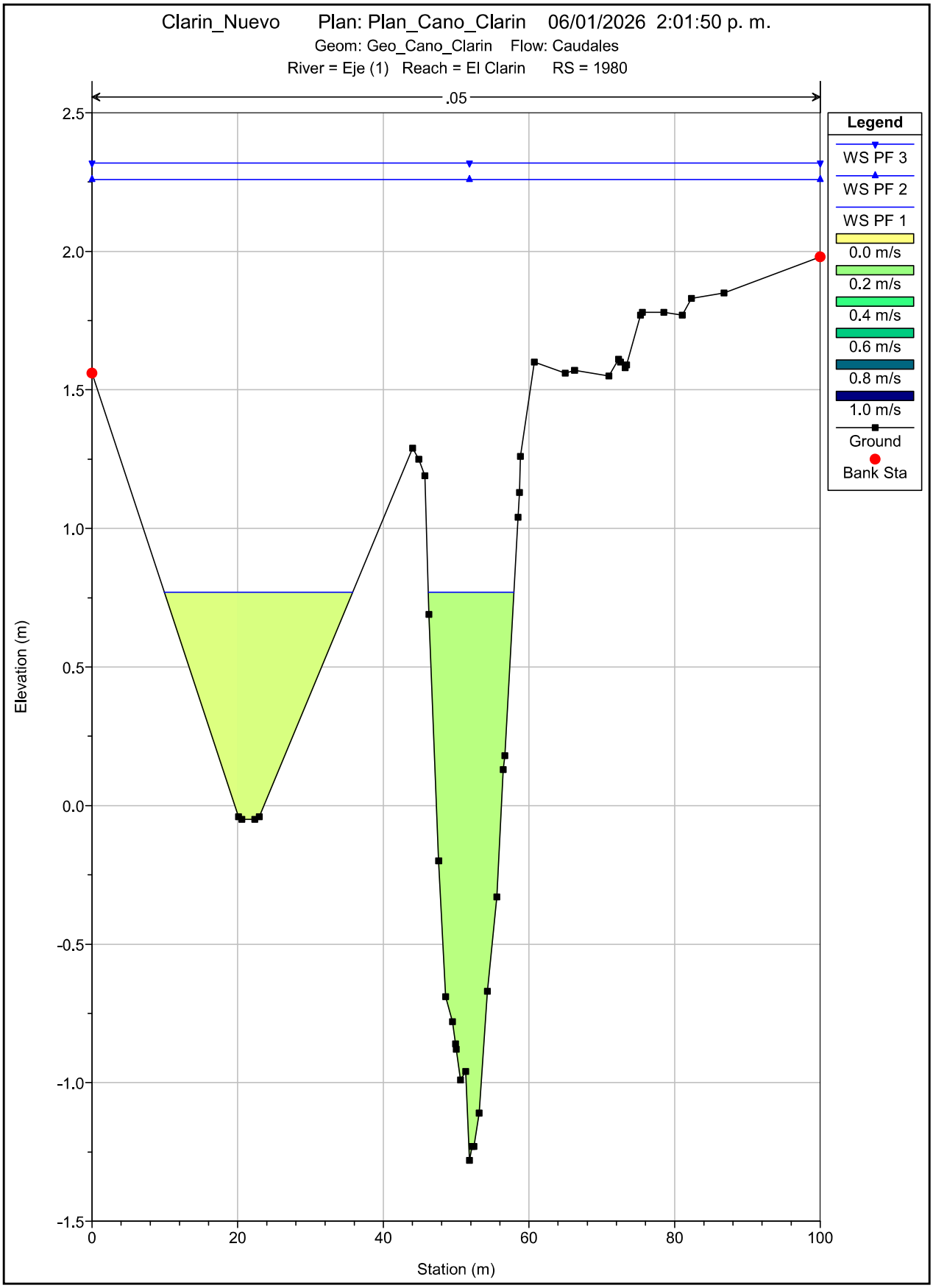

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2080
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

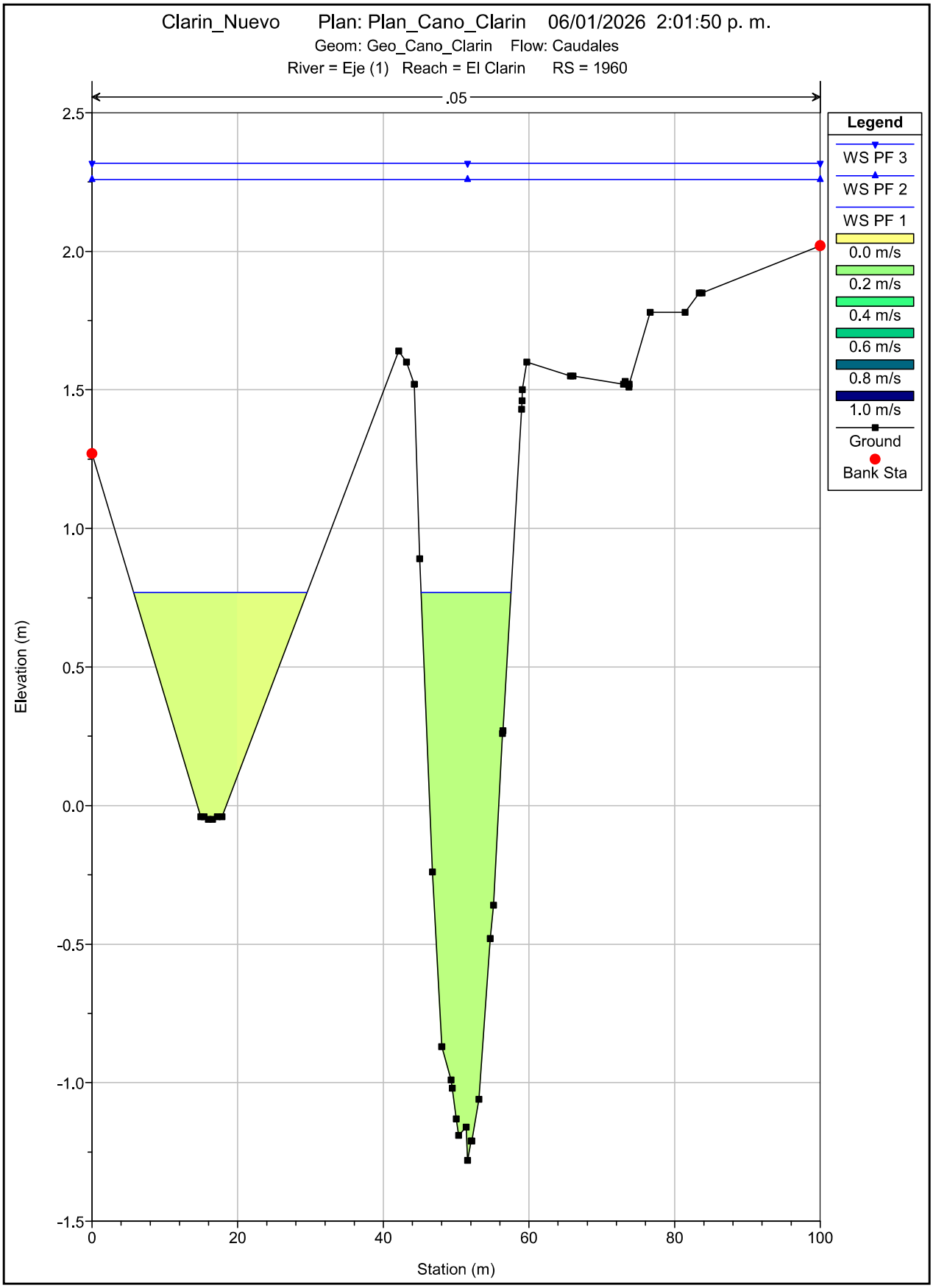

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2060
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

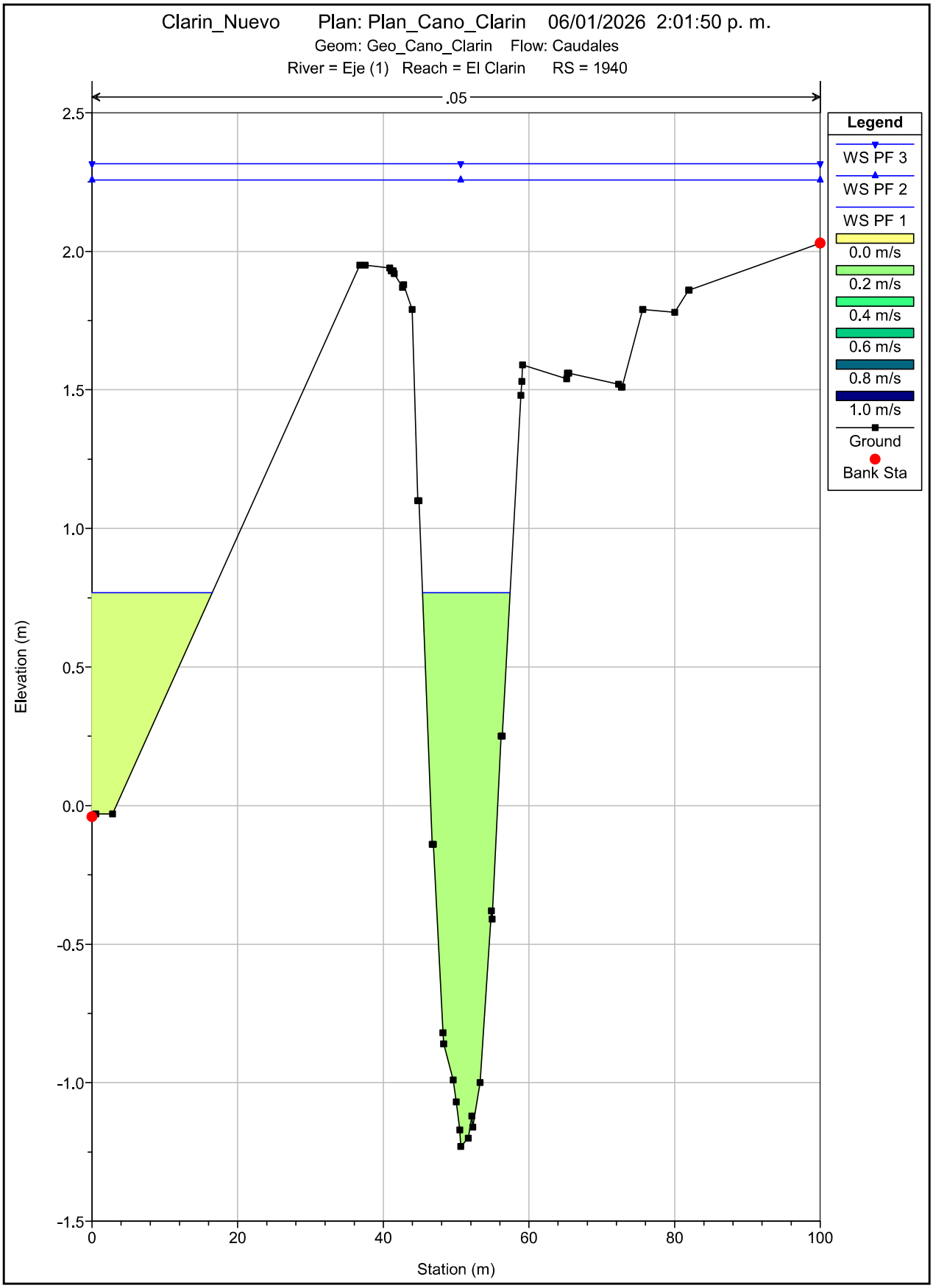

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2040
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

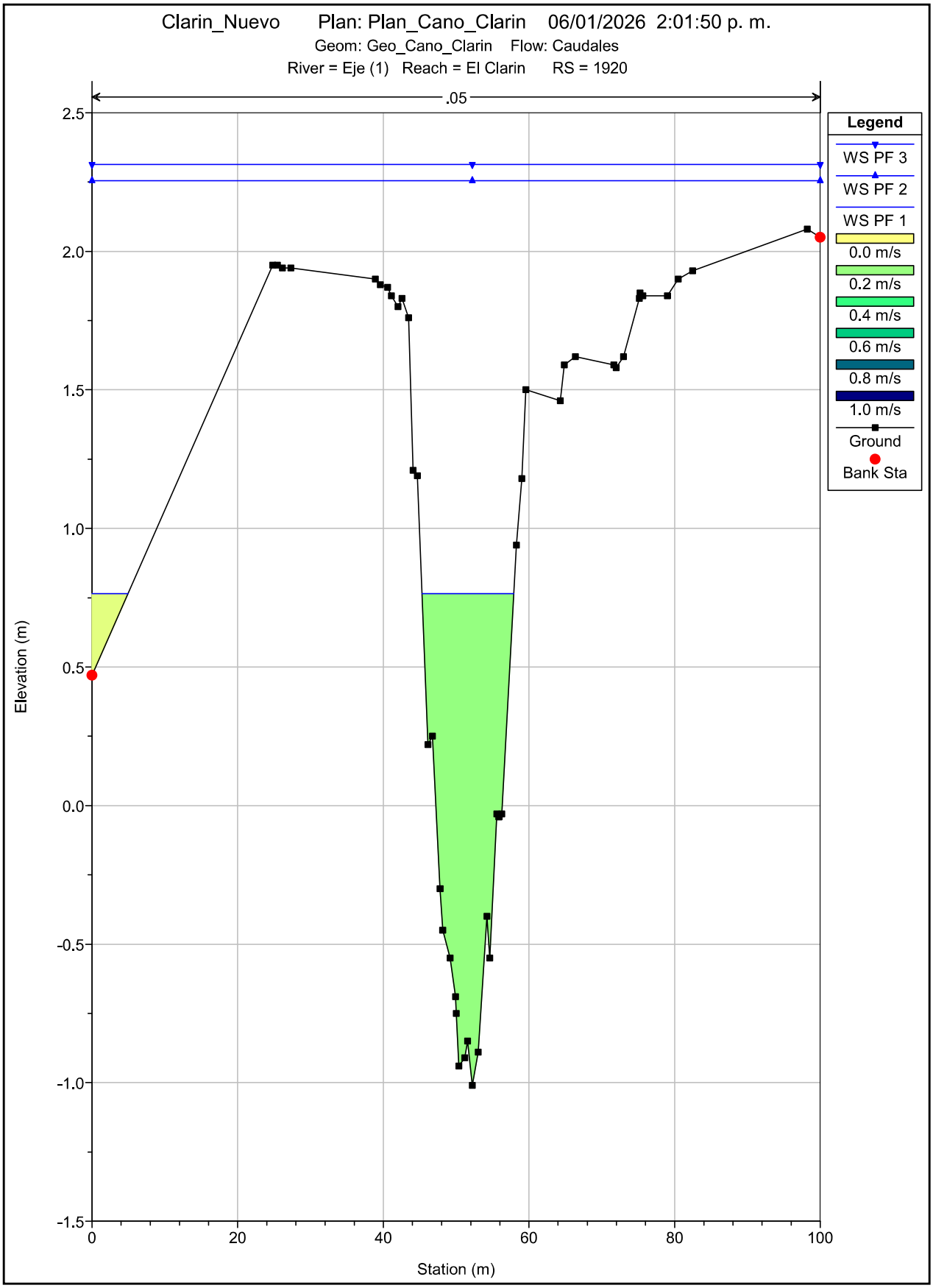

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2020
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

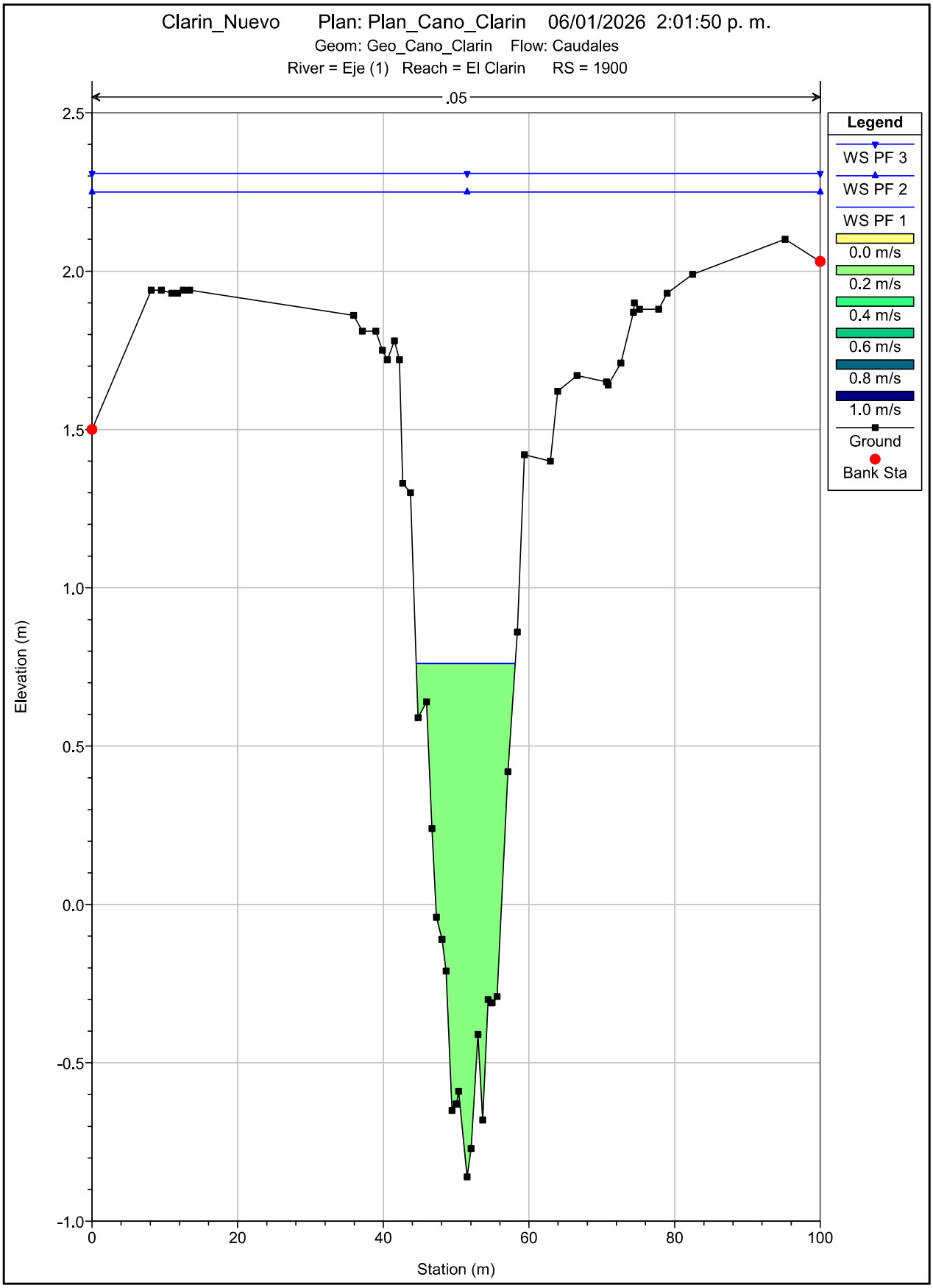

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 2000
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

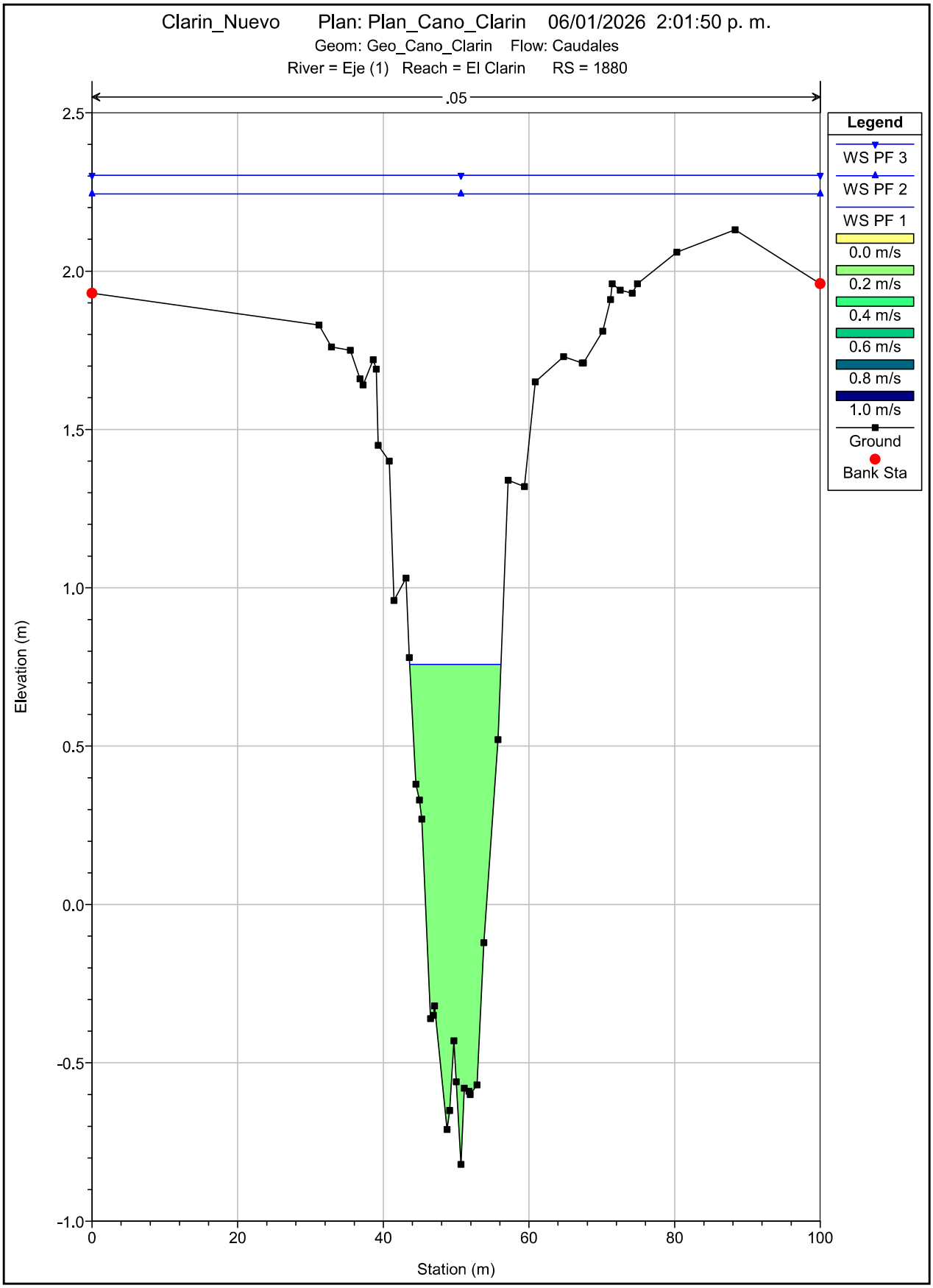

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1980
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

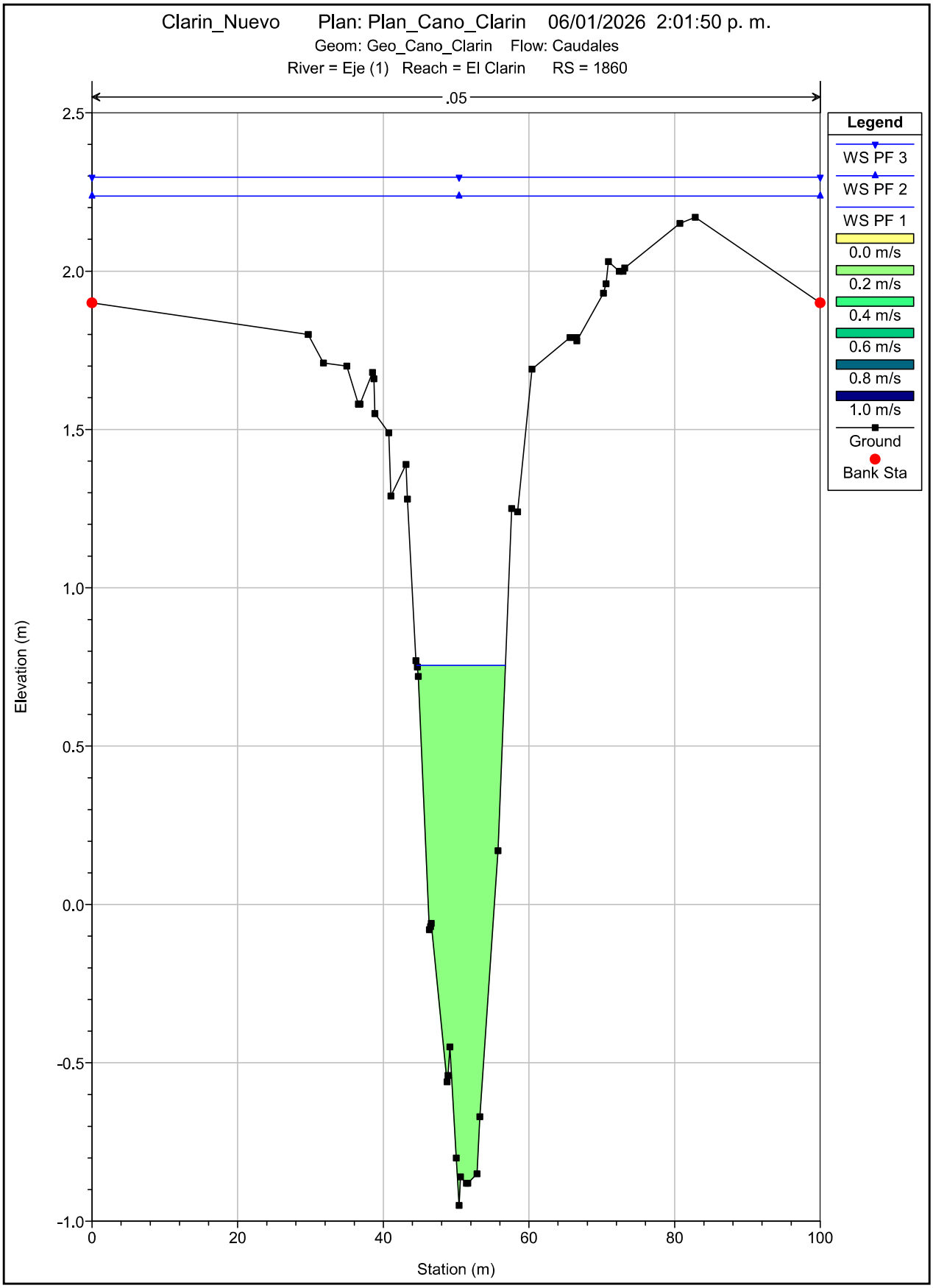

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1960
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

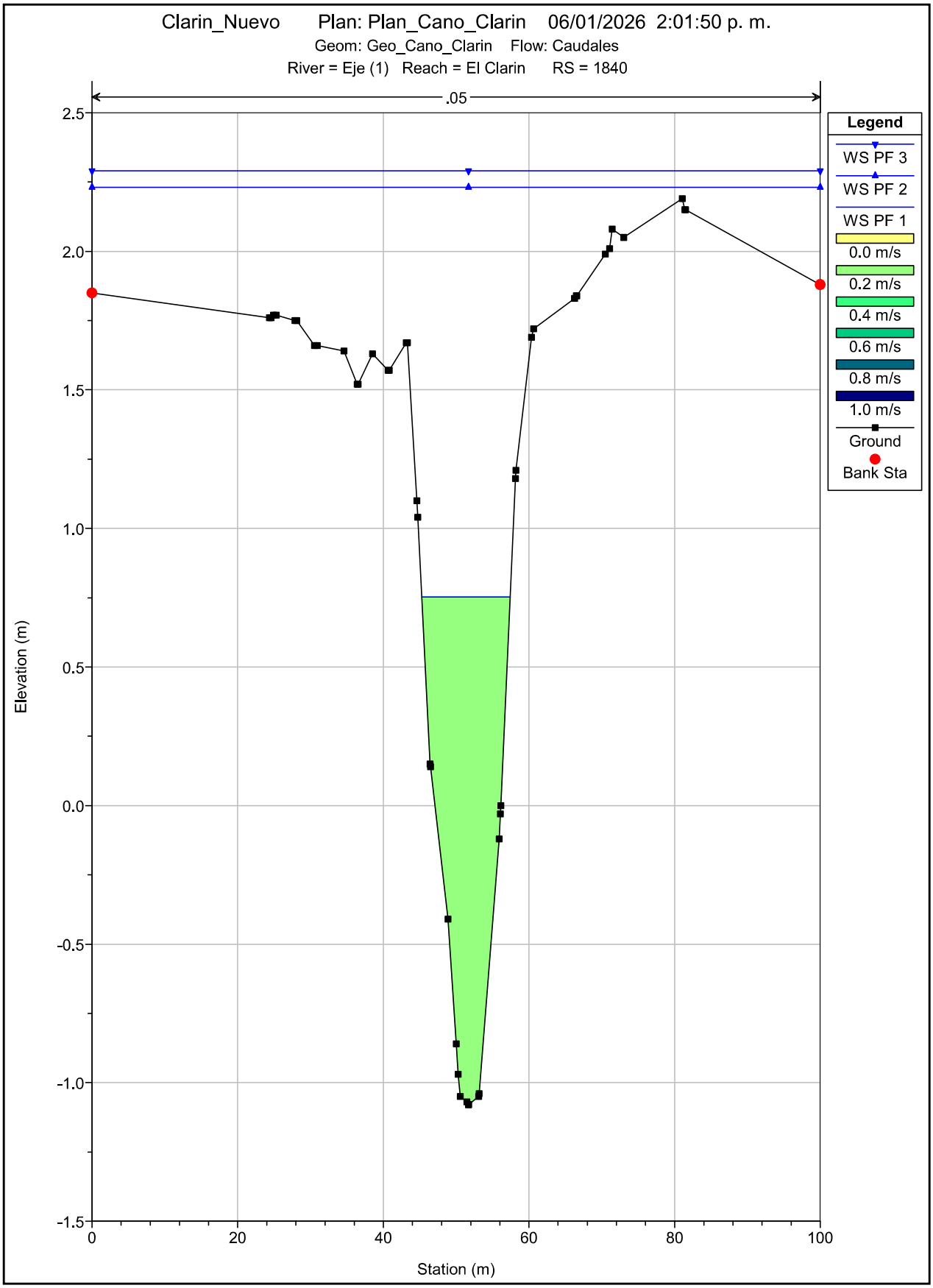

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1940
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

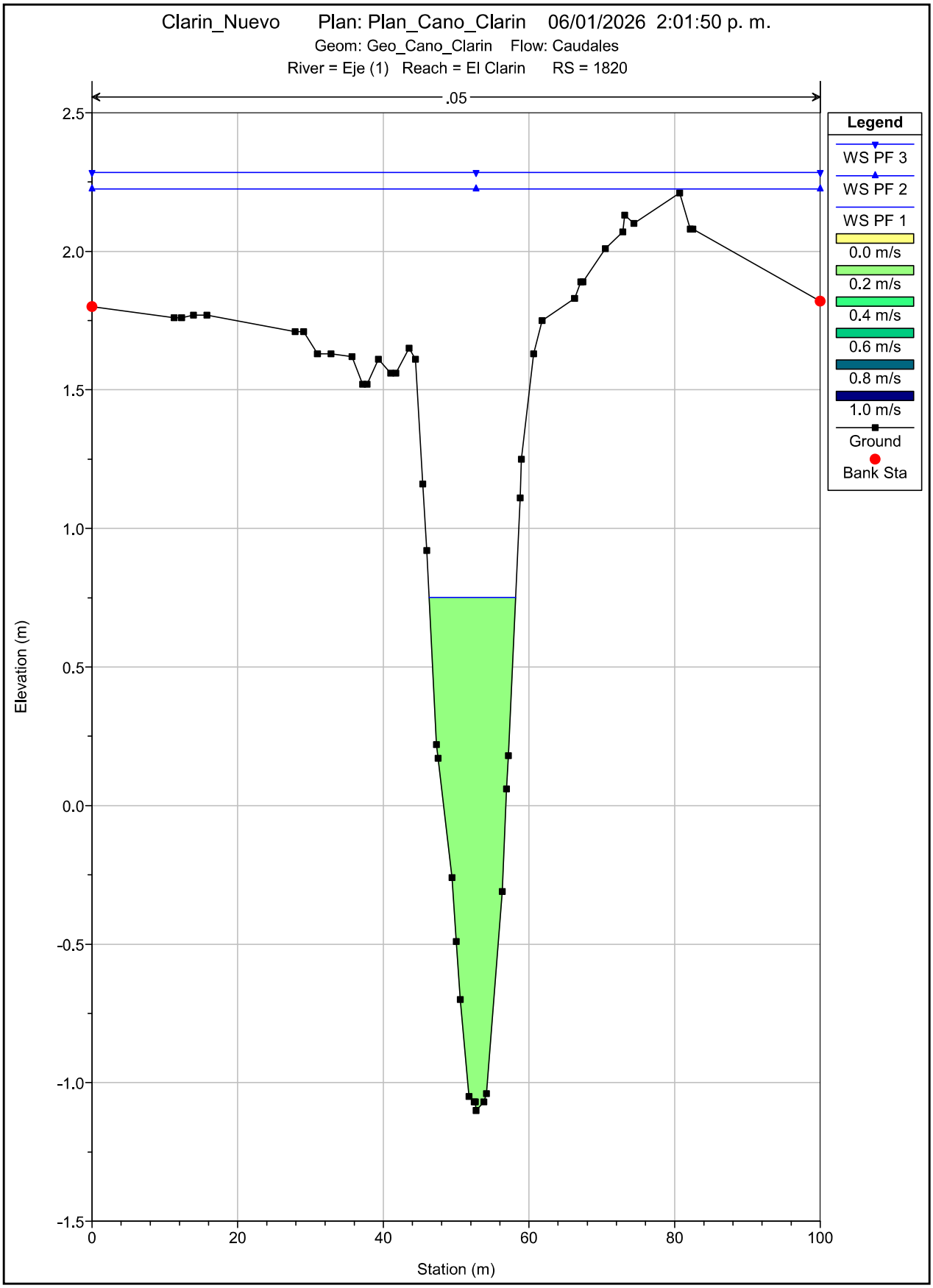

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1920
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

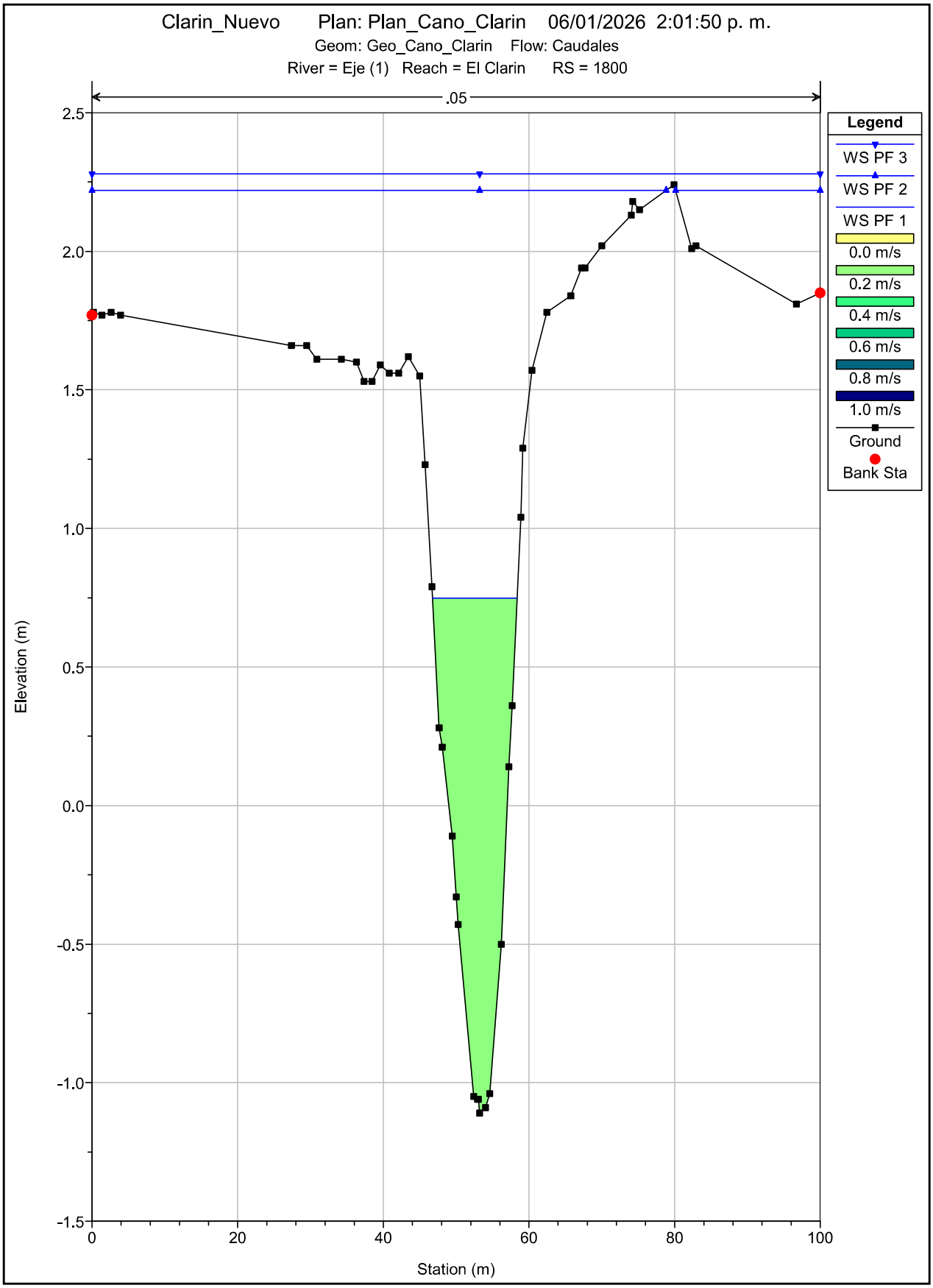

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1900
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

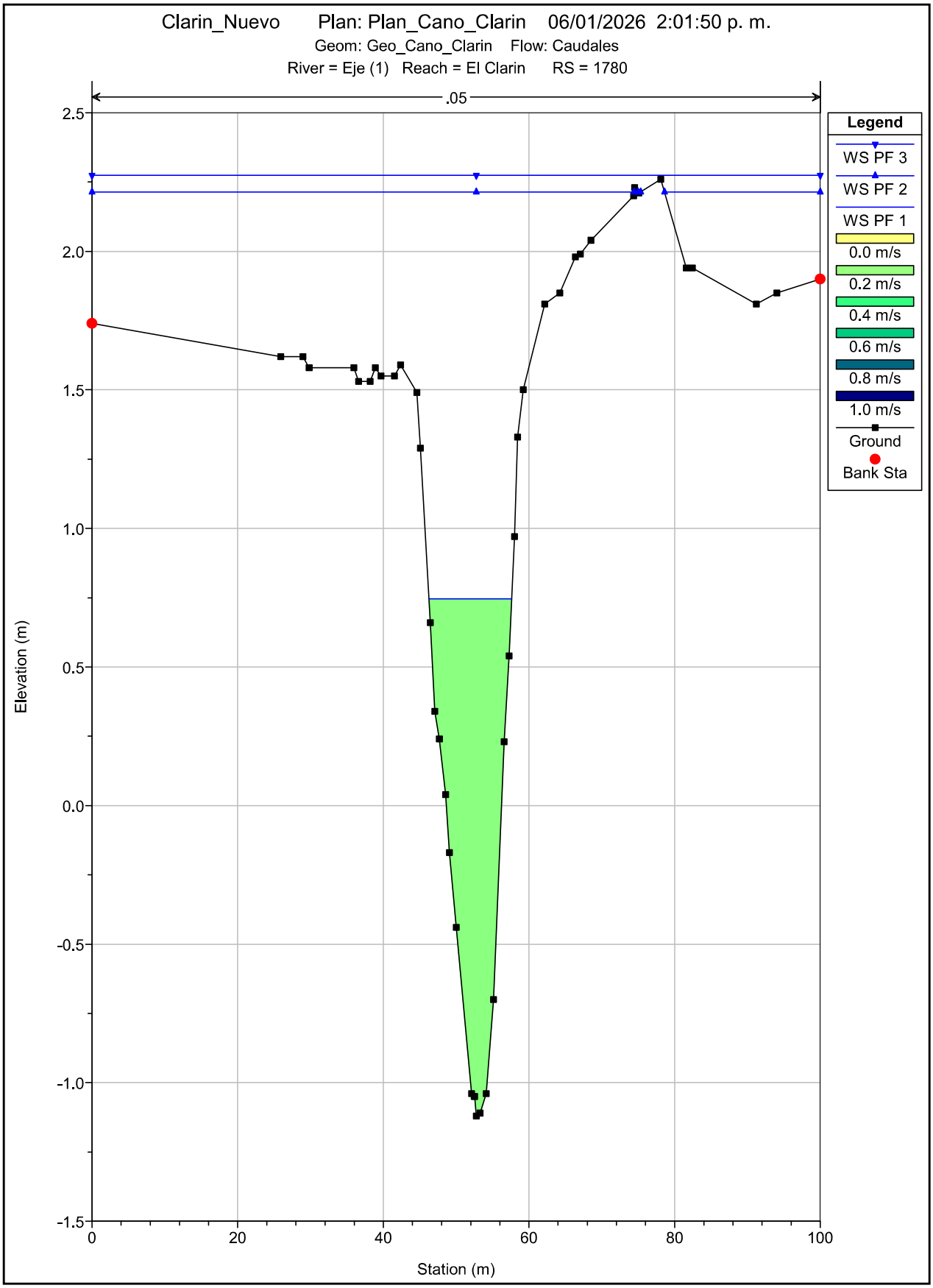

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1880
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

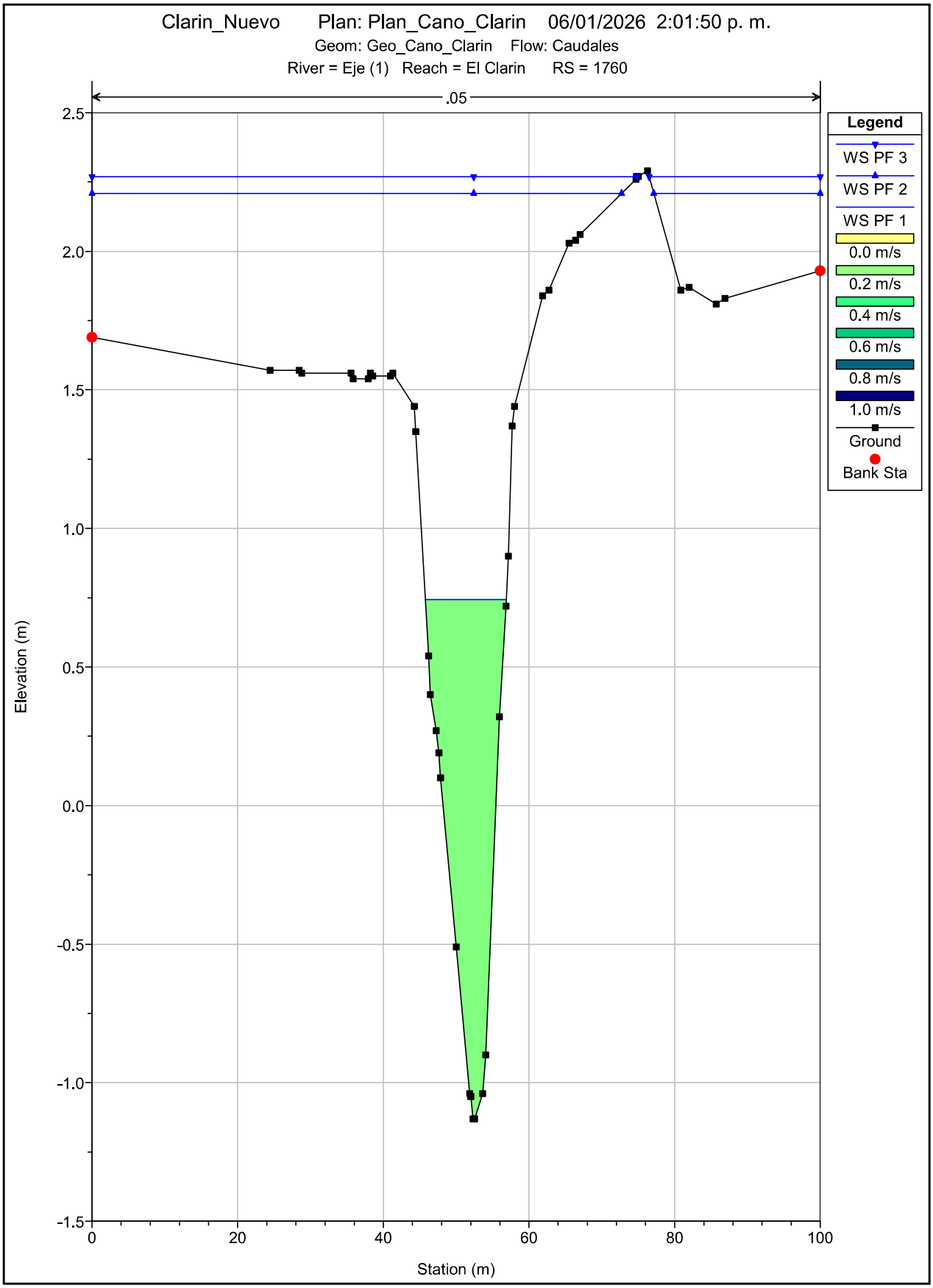

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1860
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

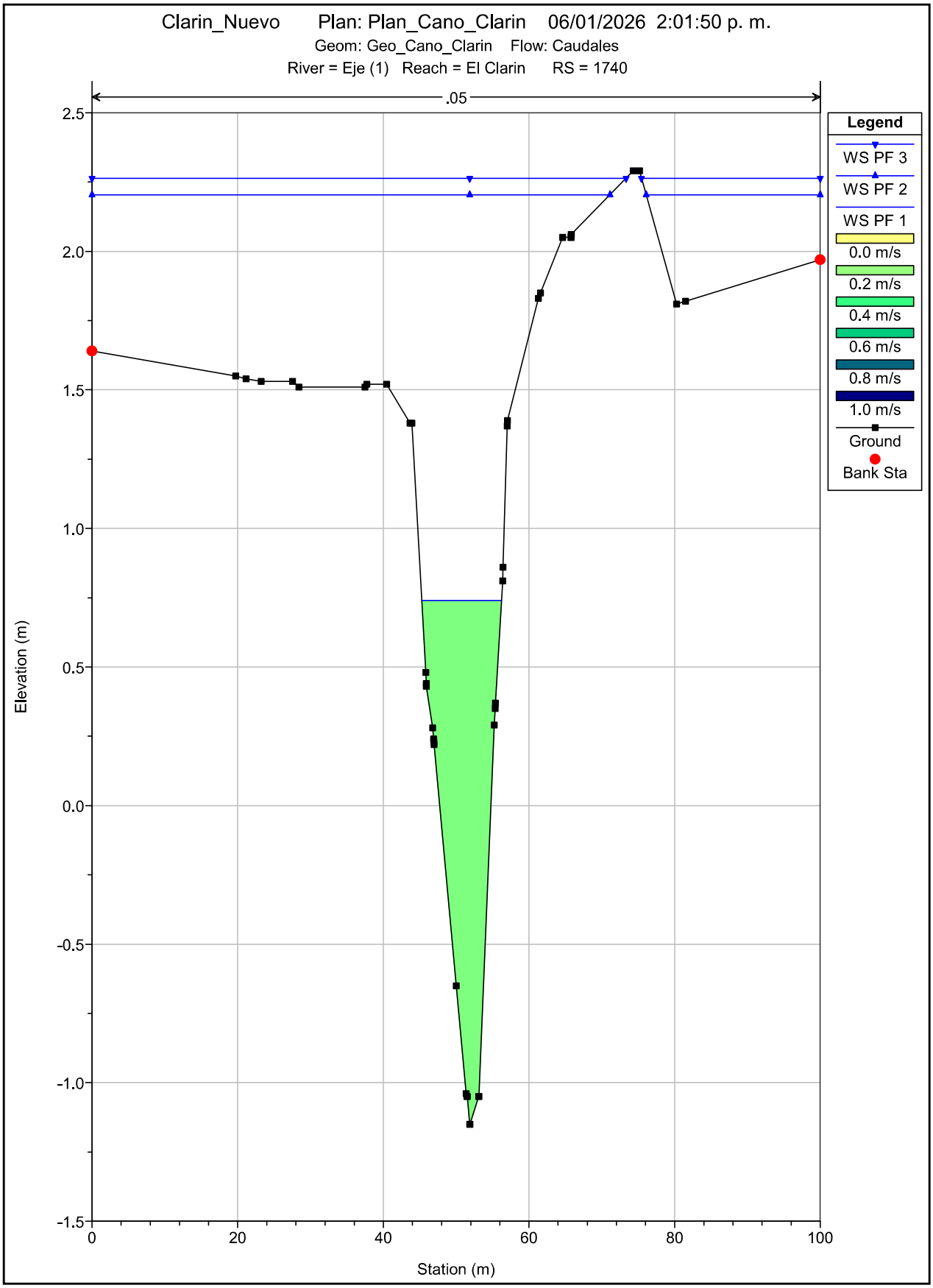

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1840
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

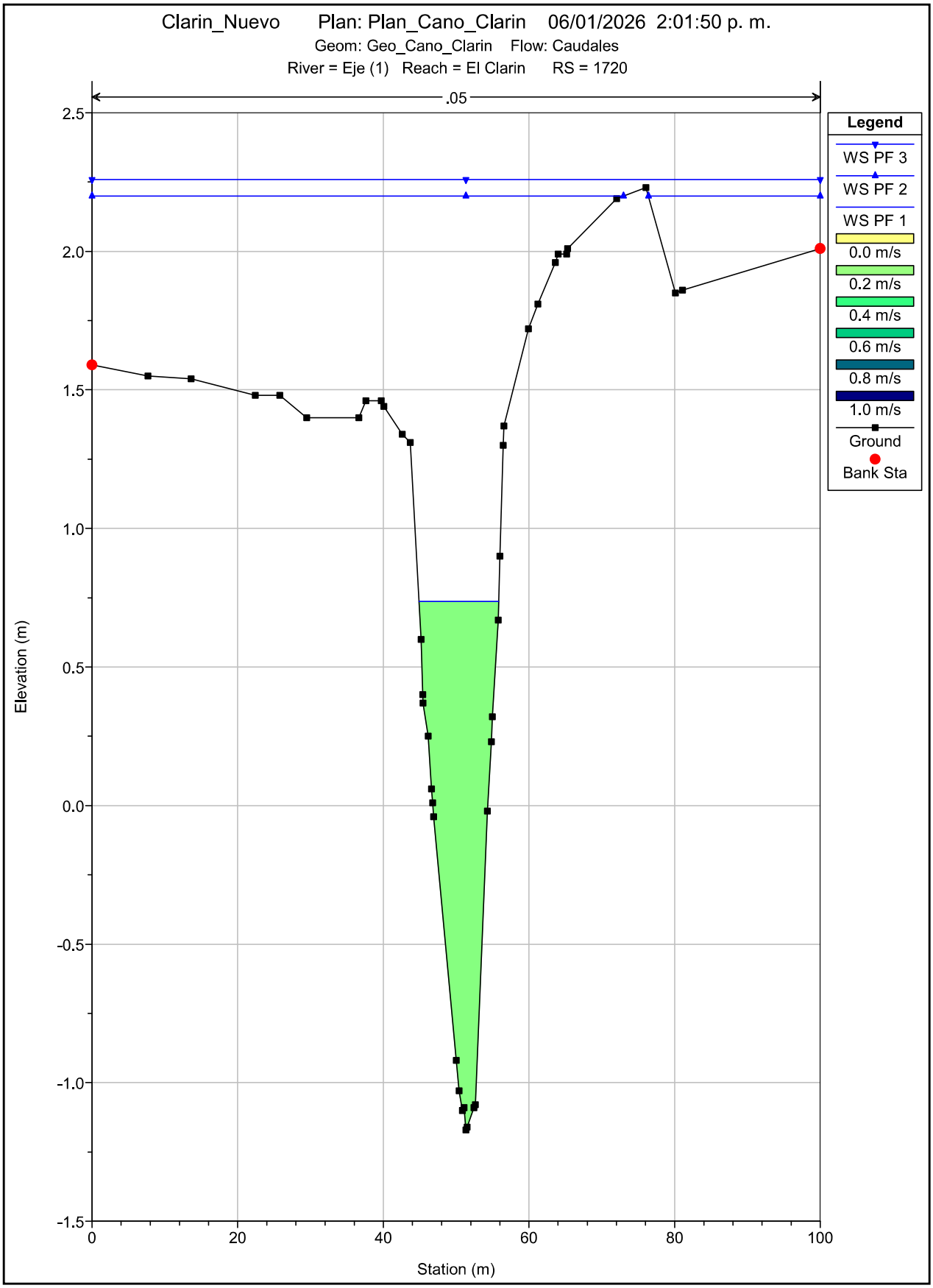

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1820
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

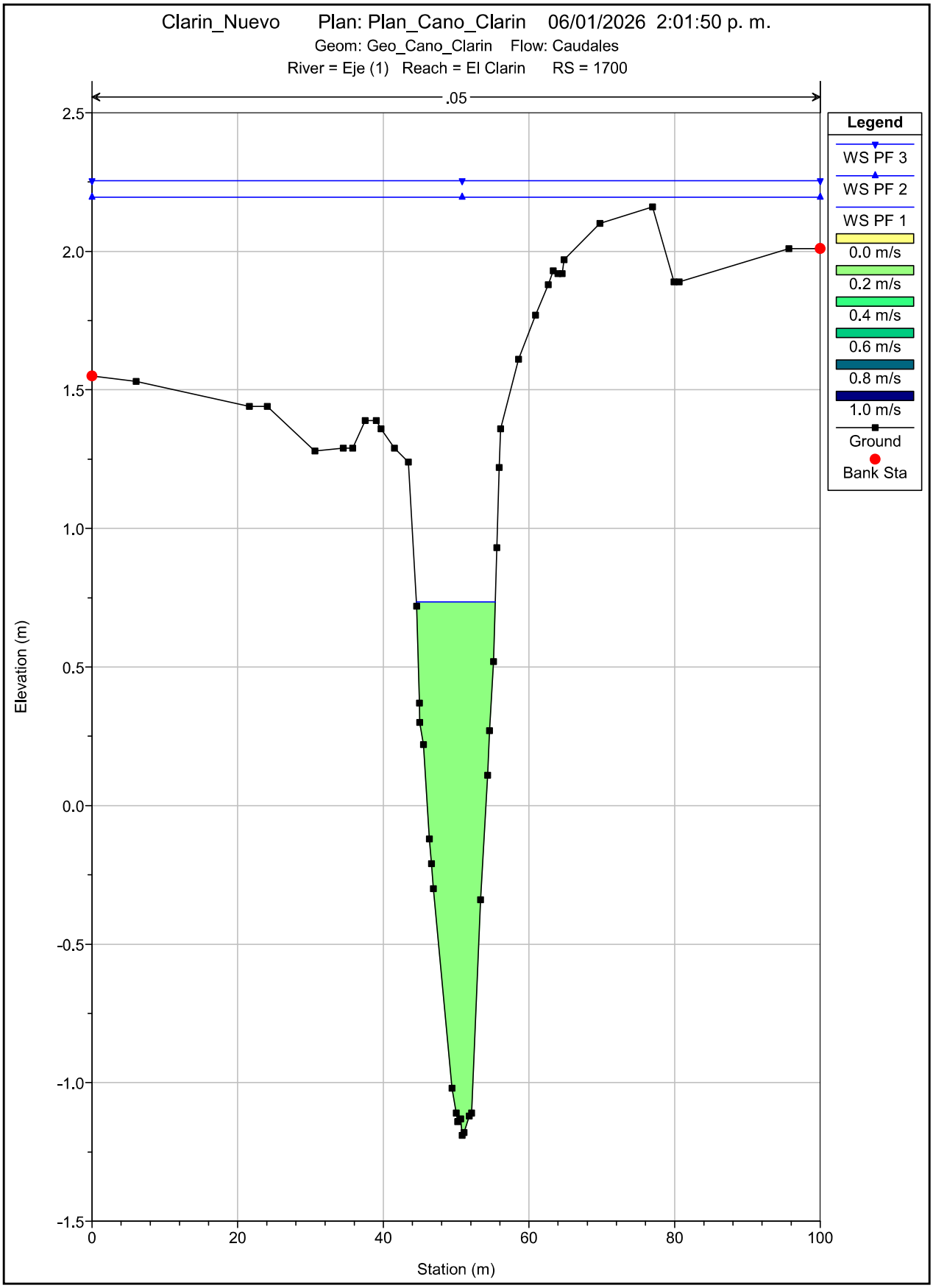

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1800
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

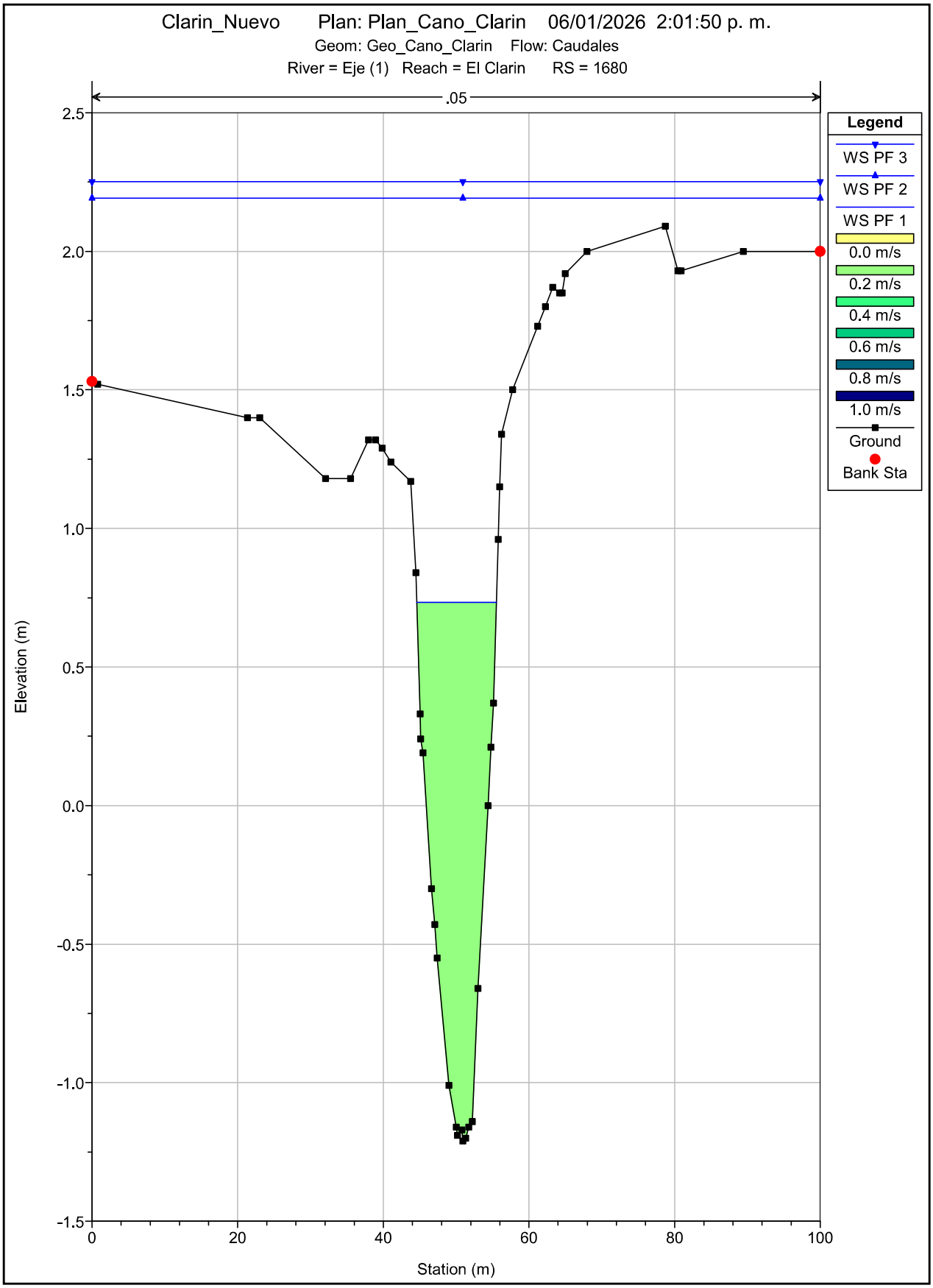

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1780
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

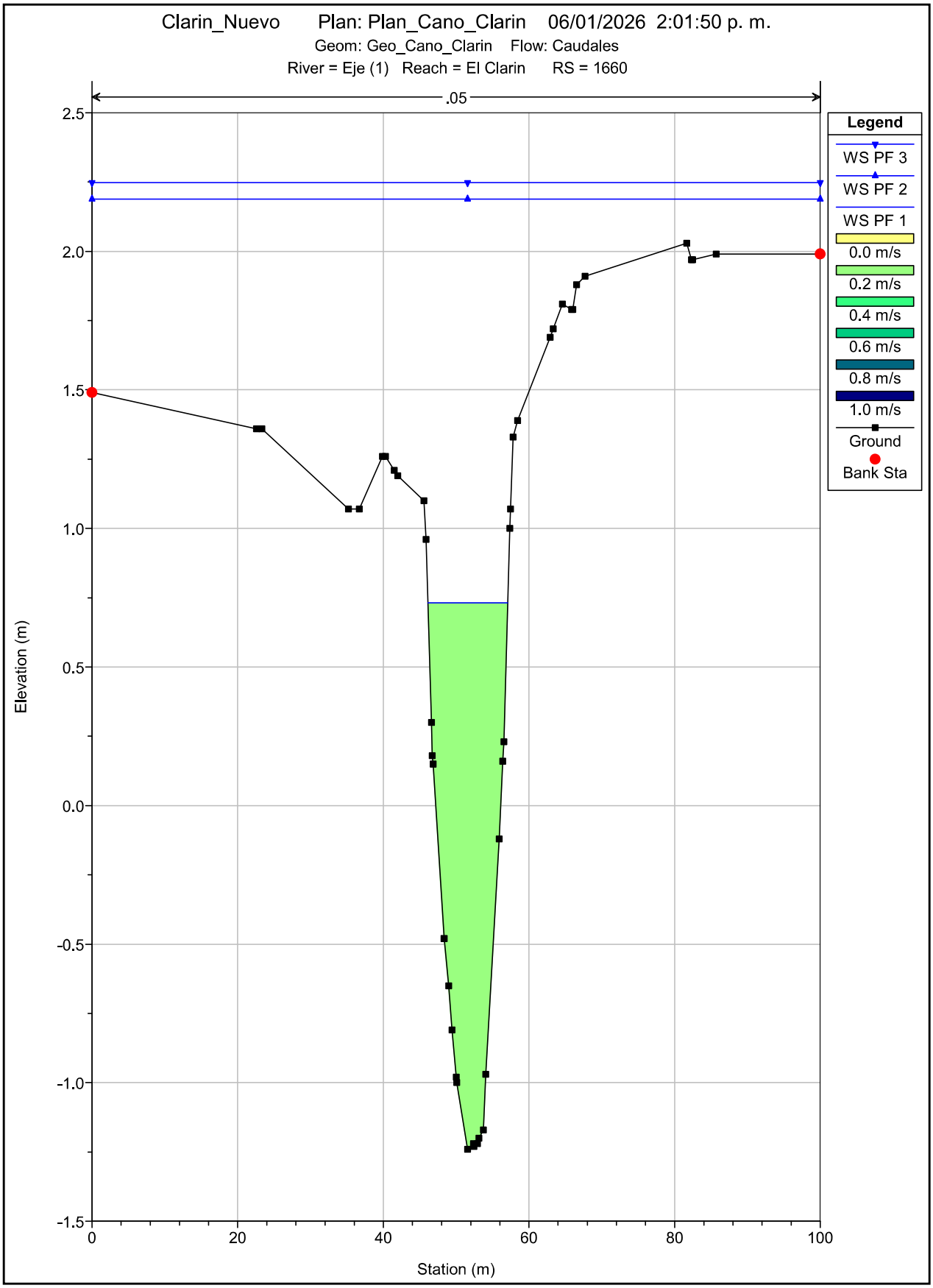

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1760
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

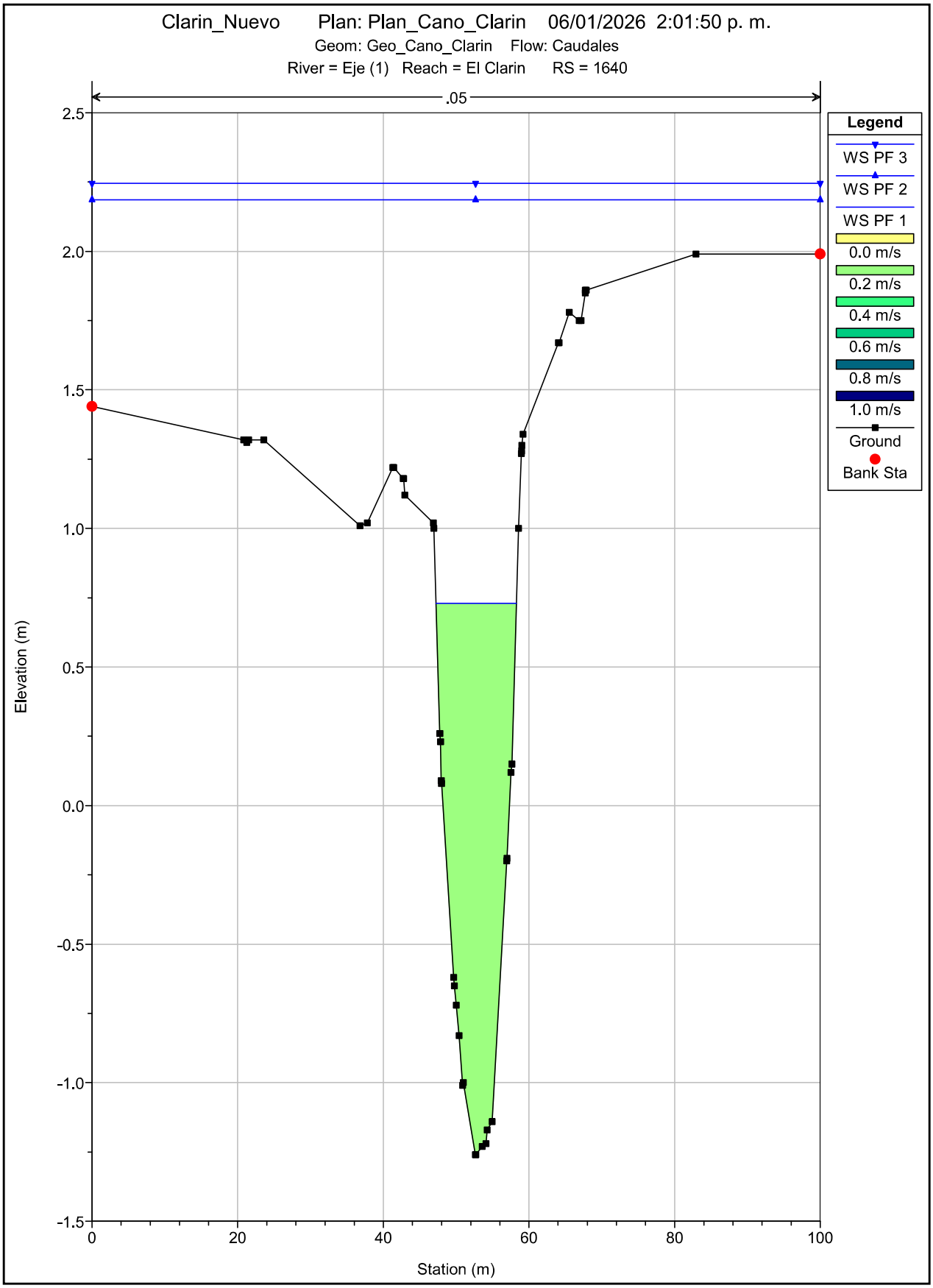

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1740
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

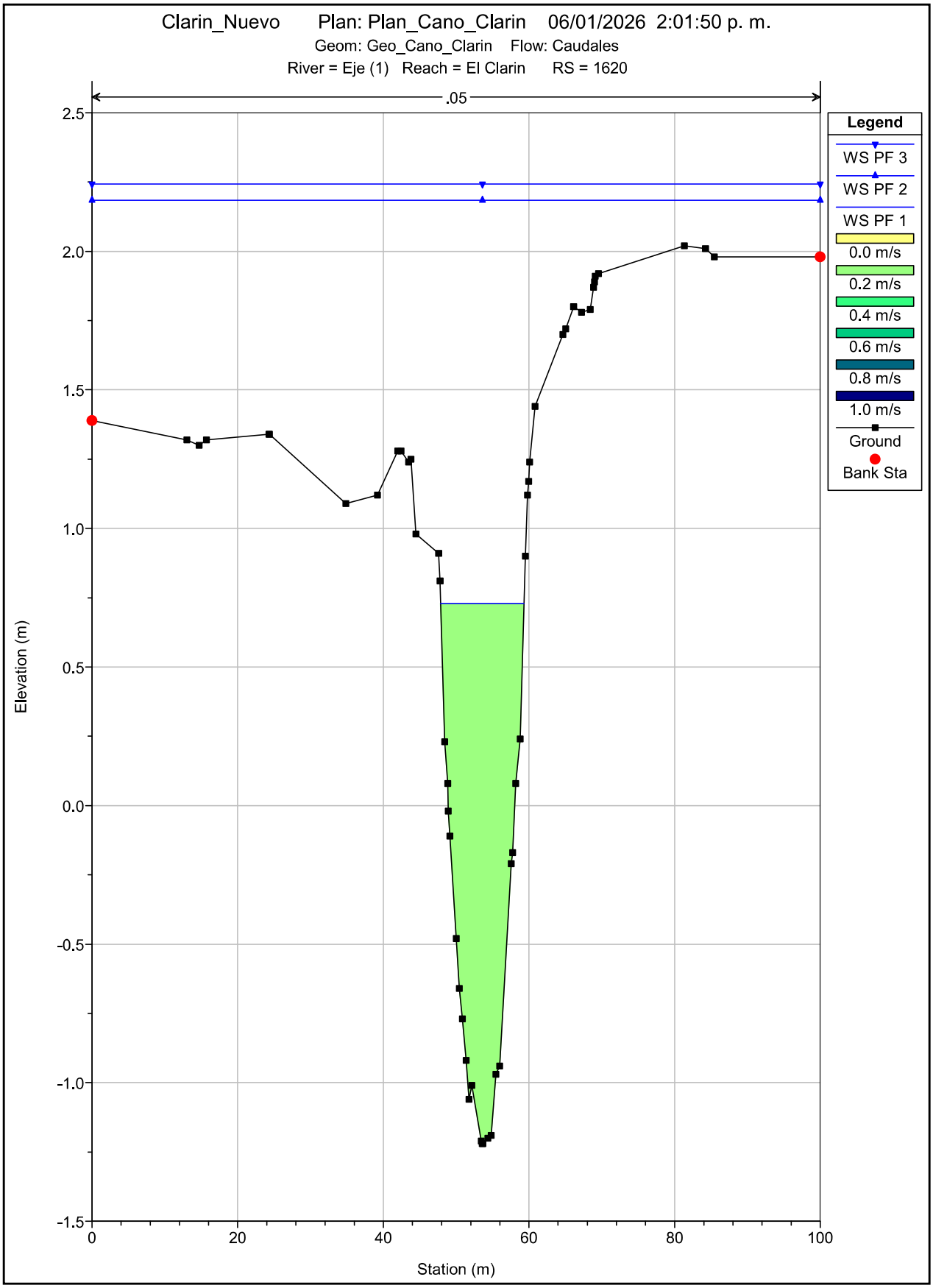

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1720
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

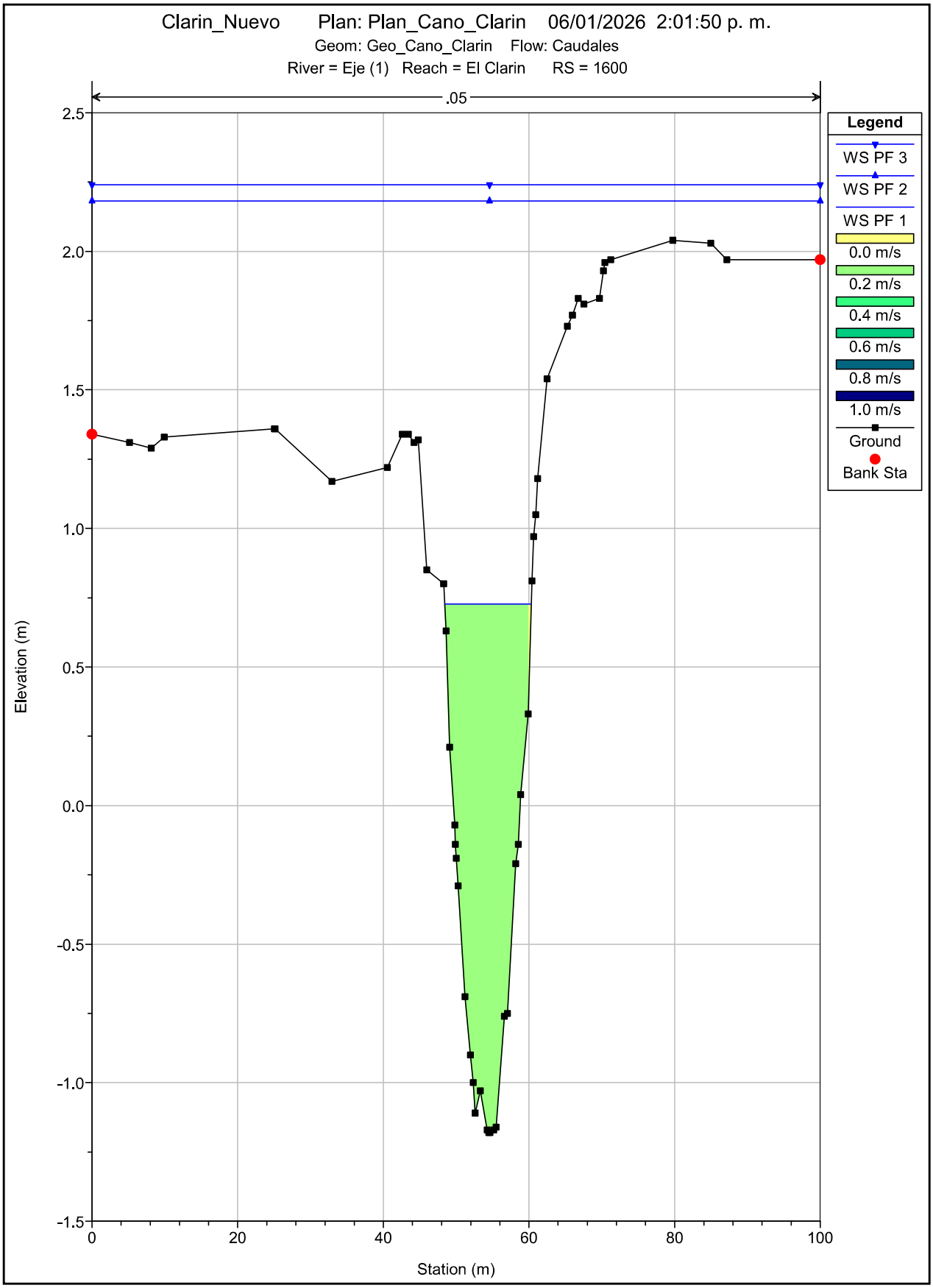

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1700
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

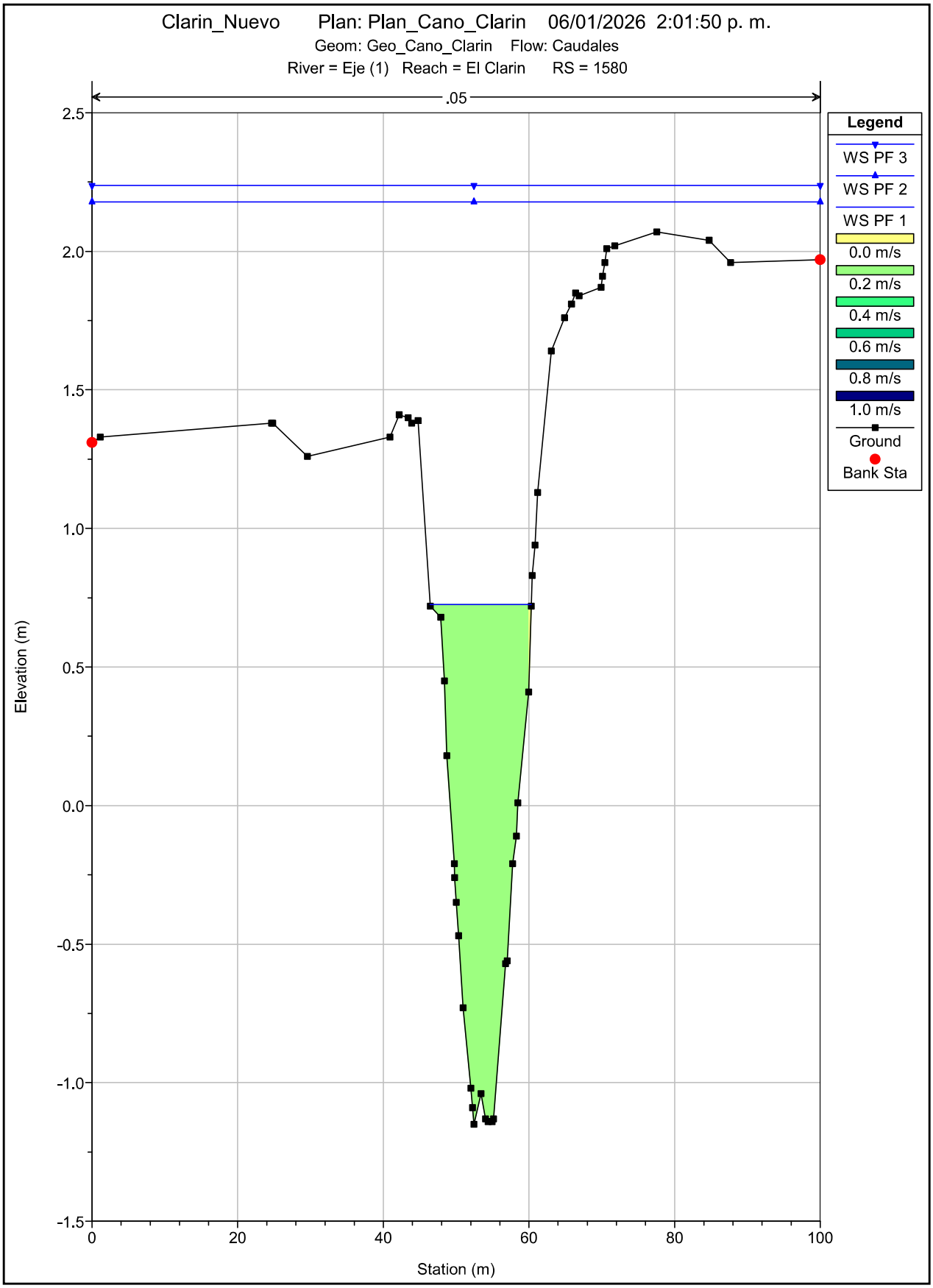

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1680
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

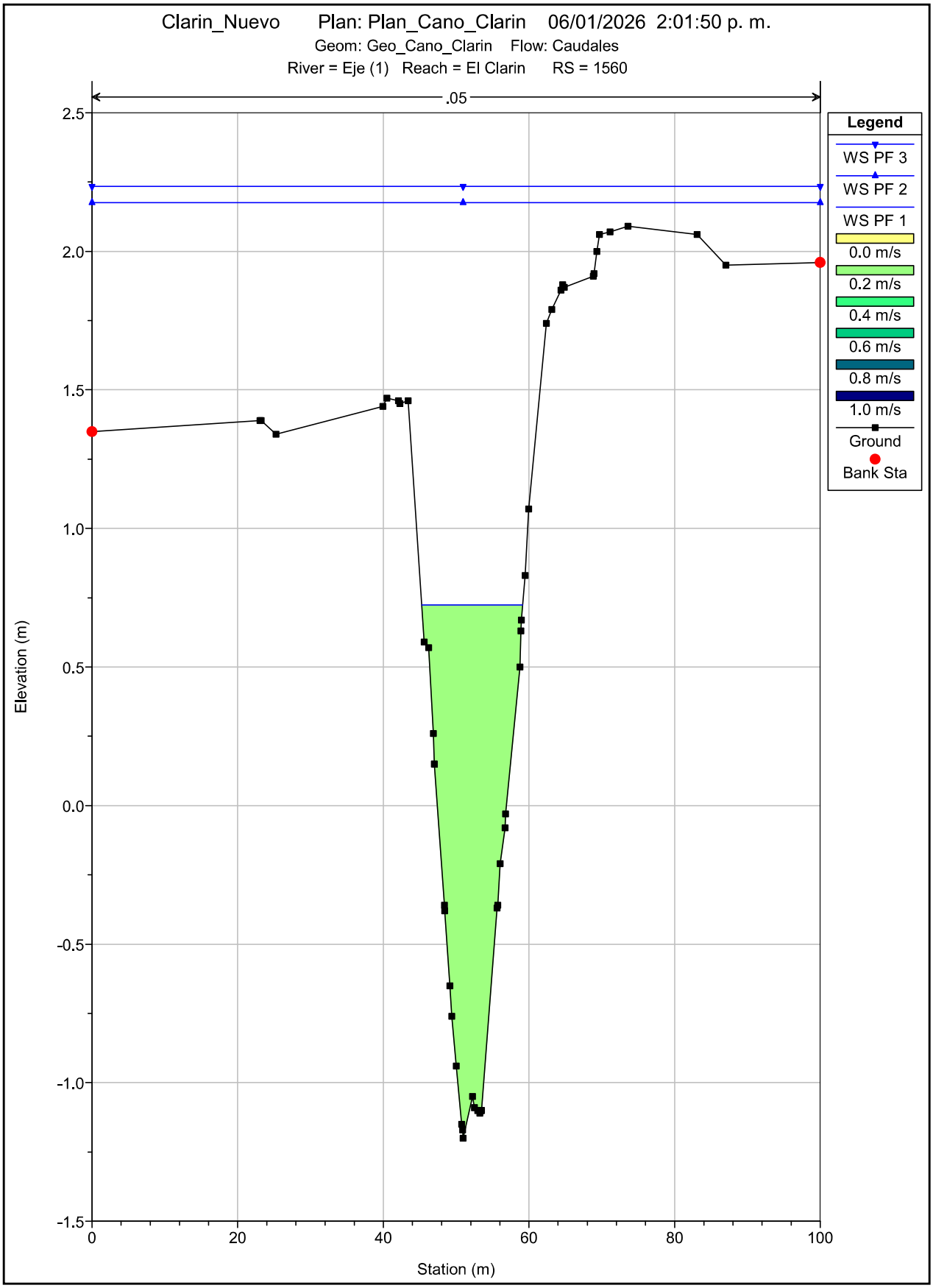

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1660
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

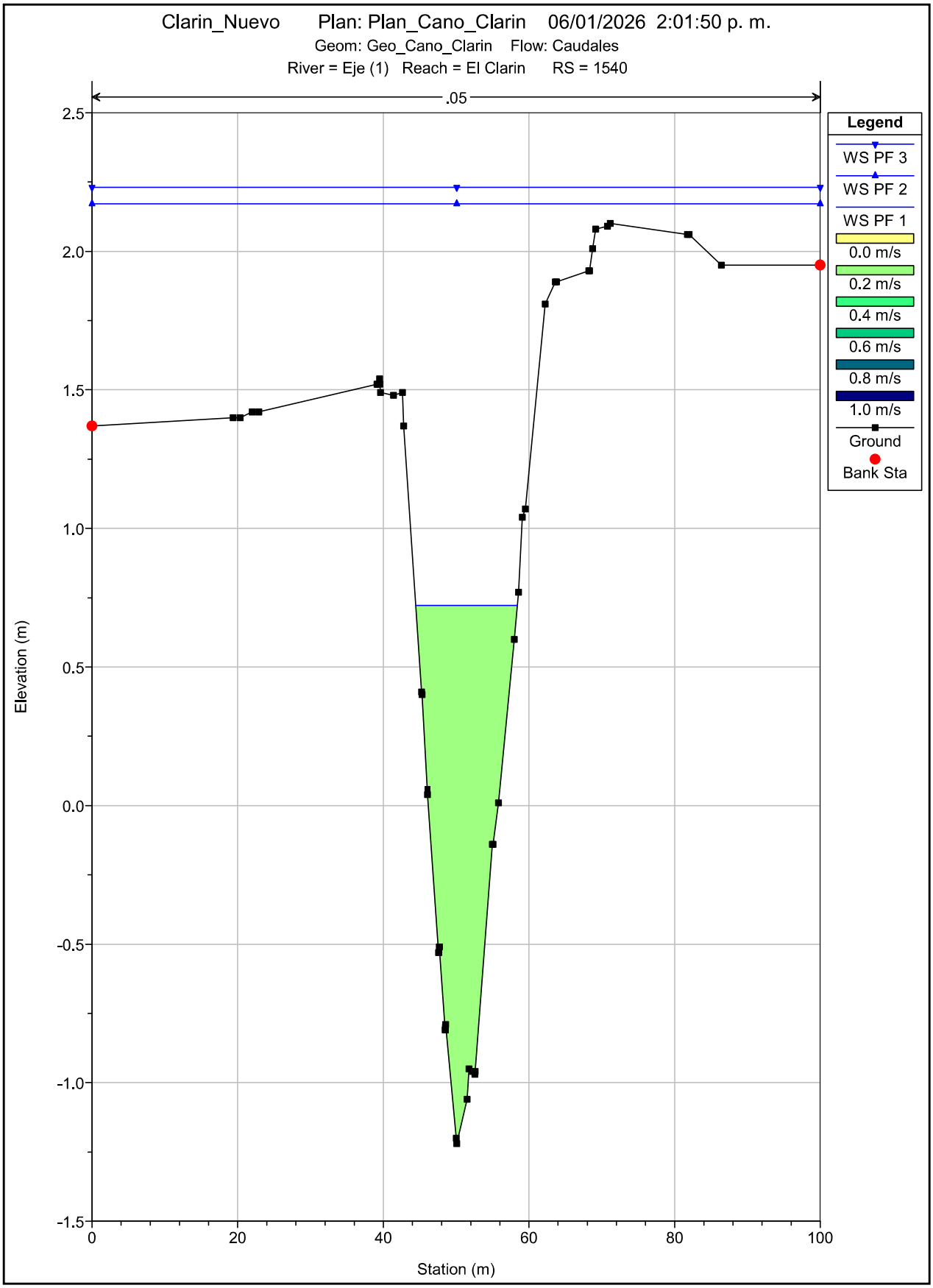

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1640
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

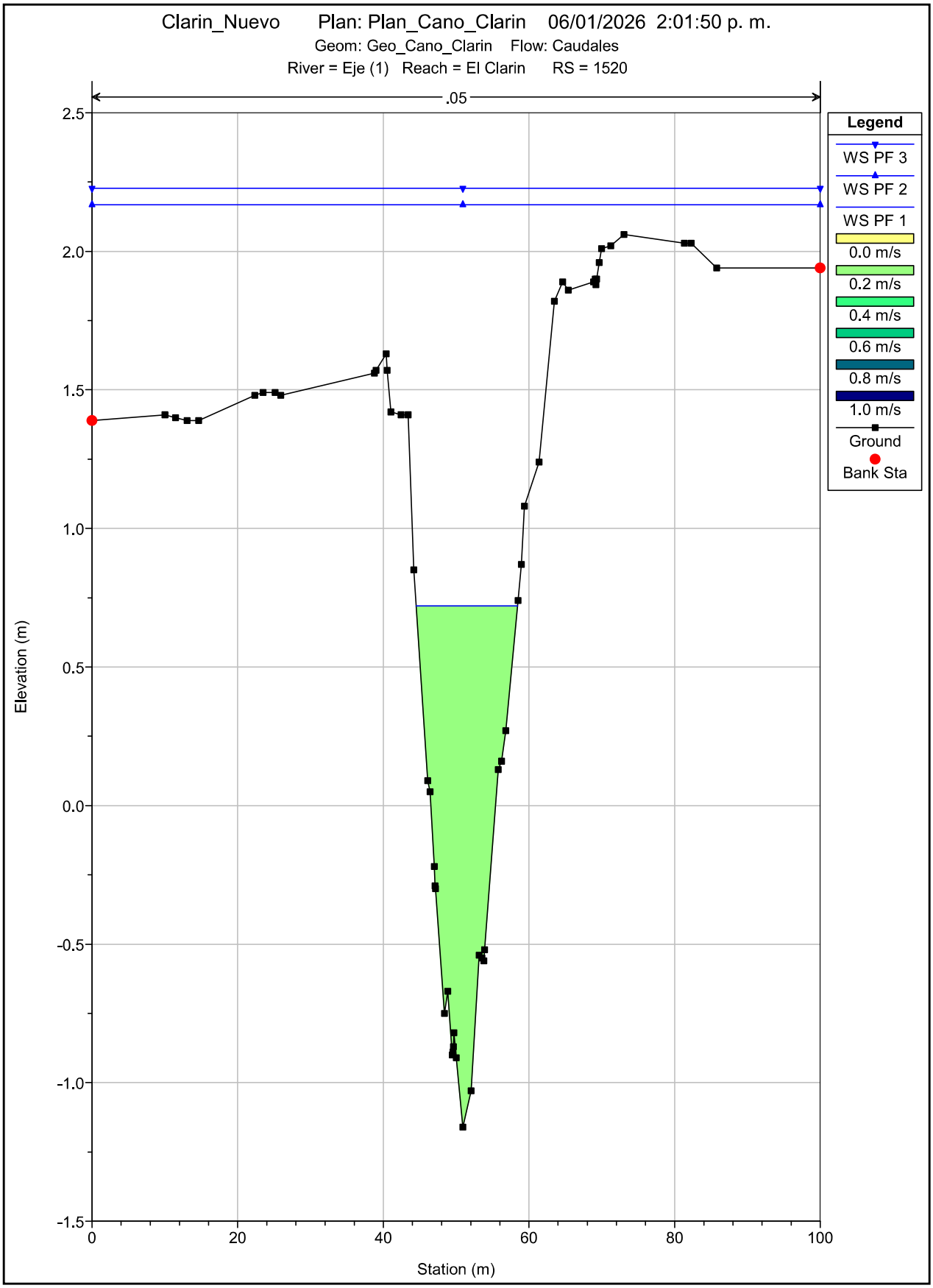

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1620
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

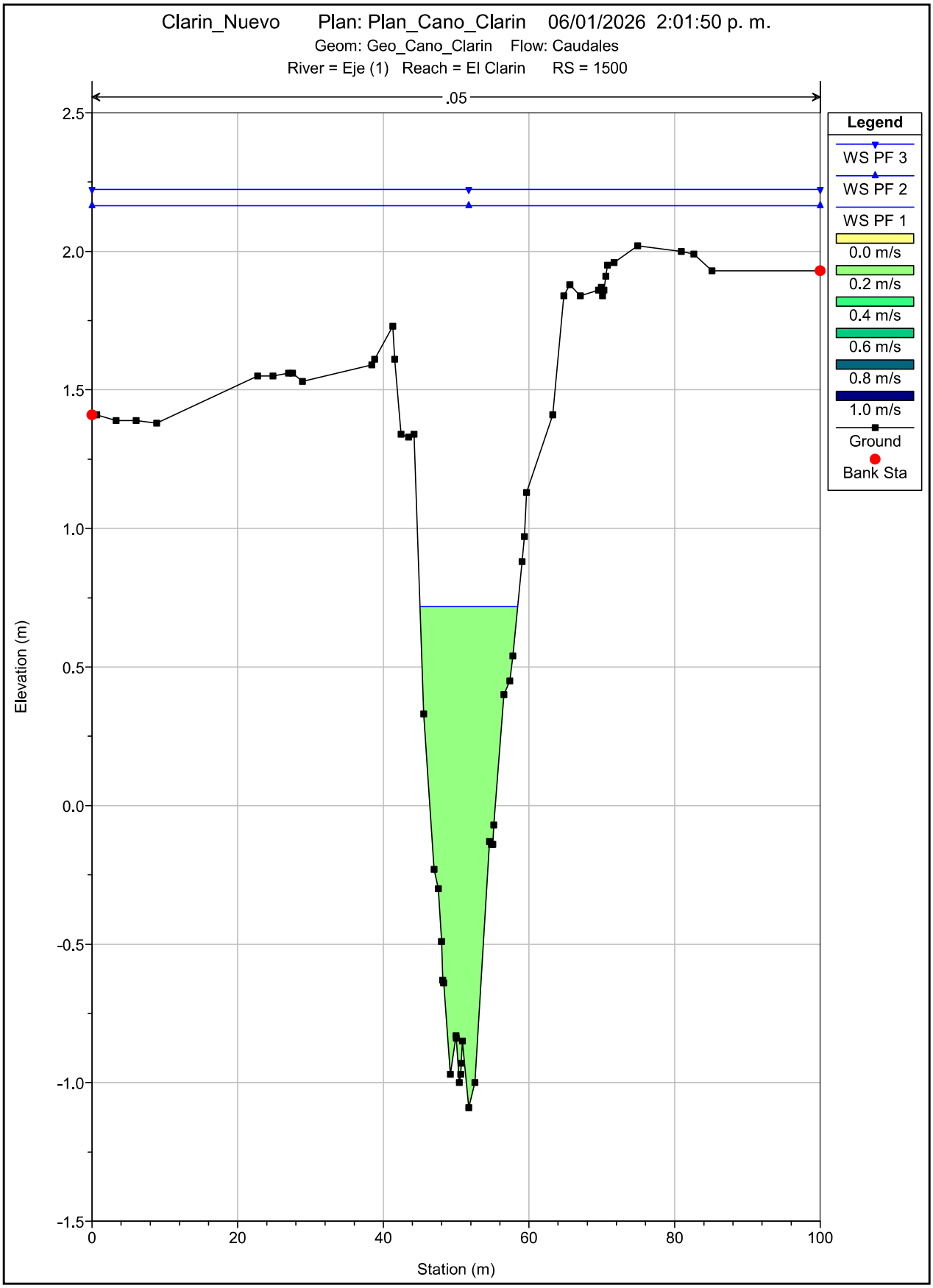

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1600
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

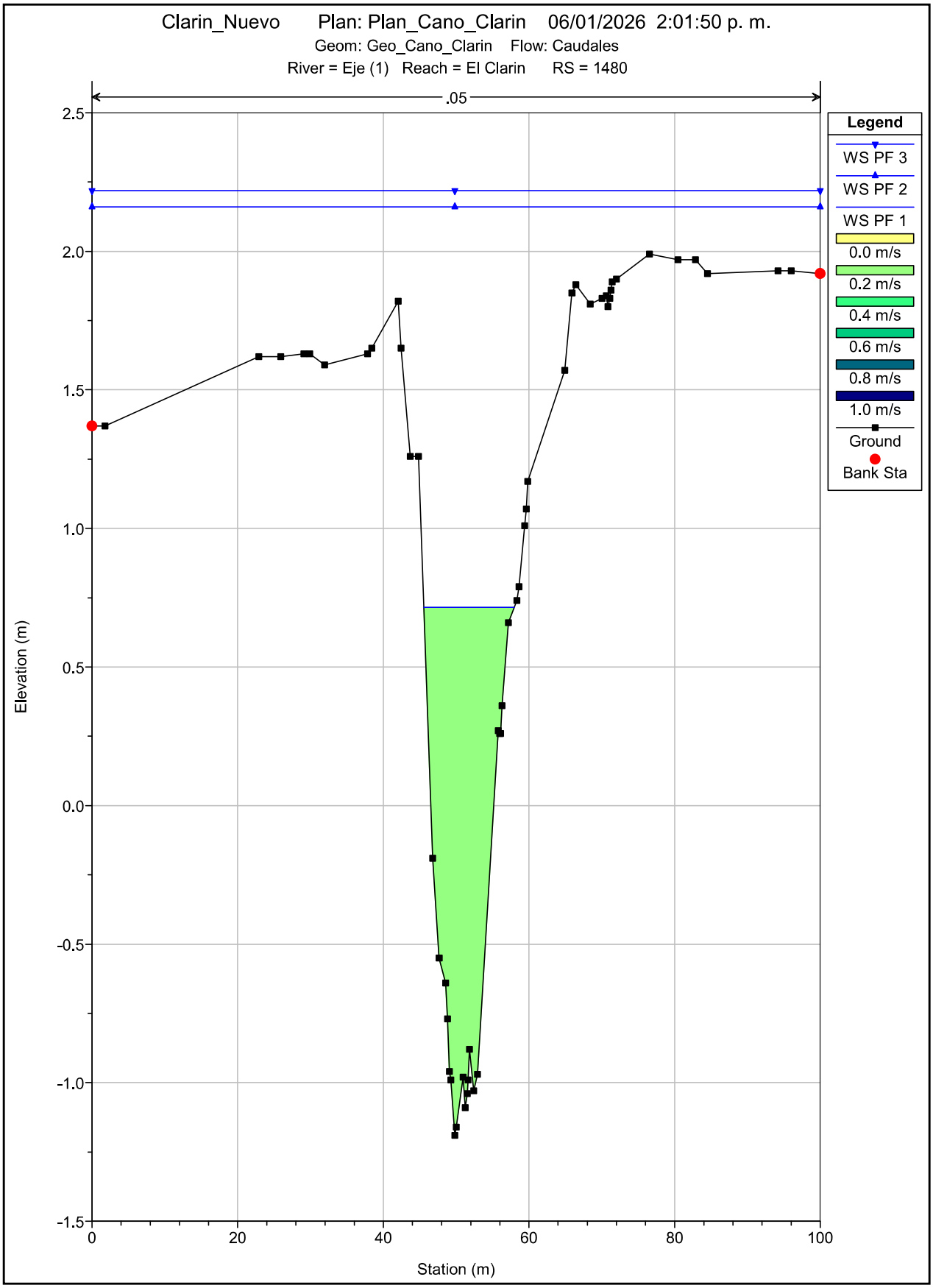

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1580
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

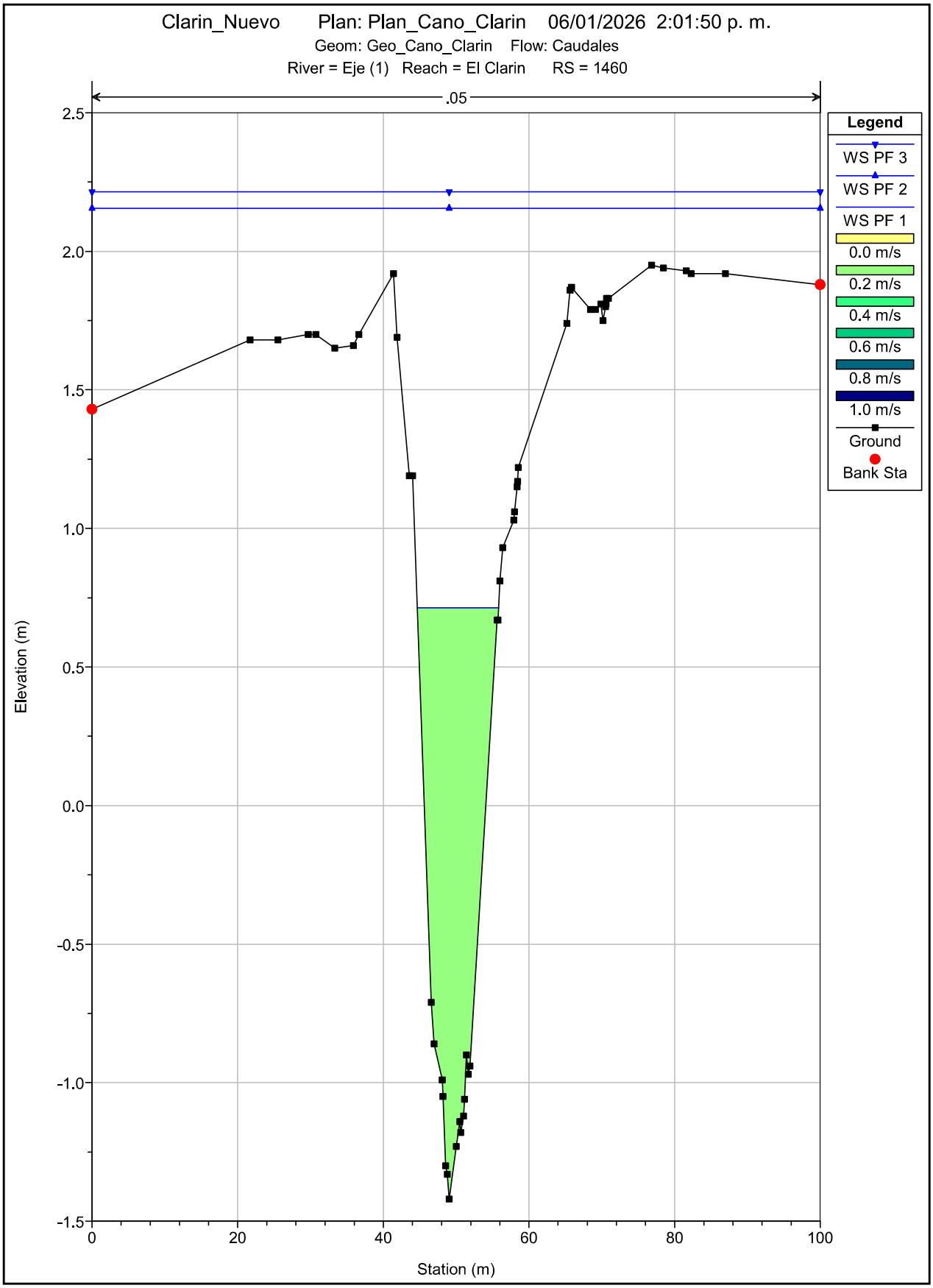

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1560
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

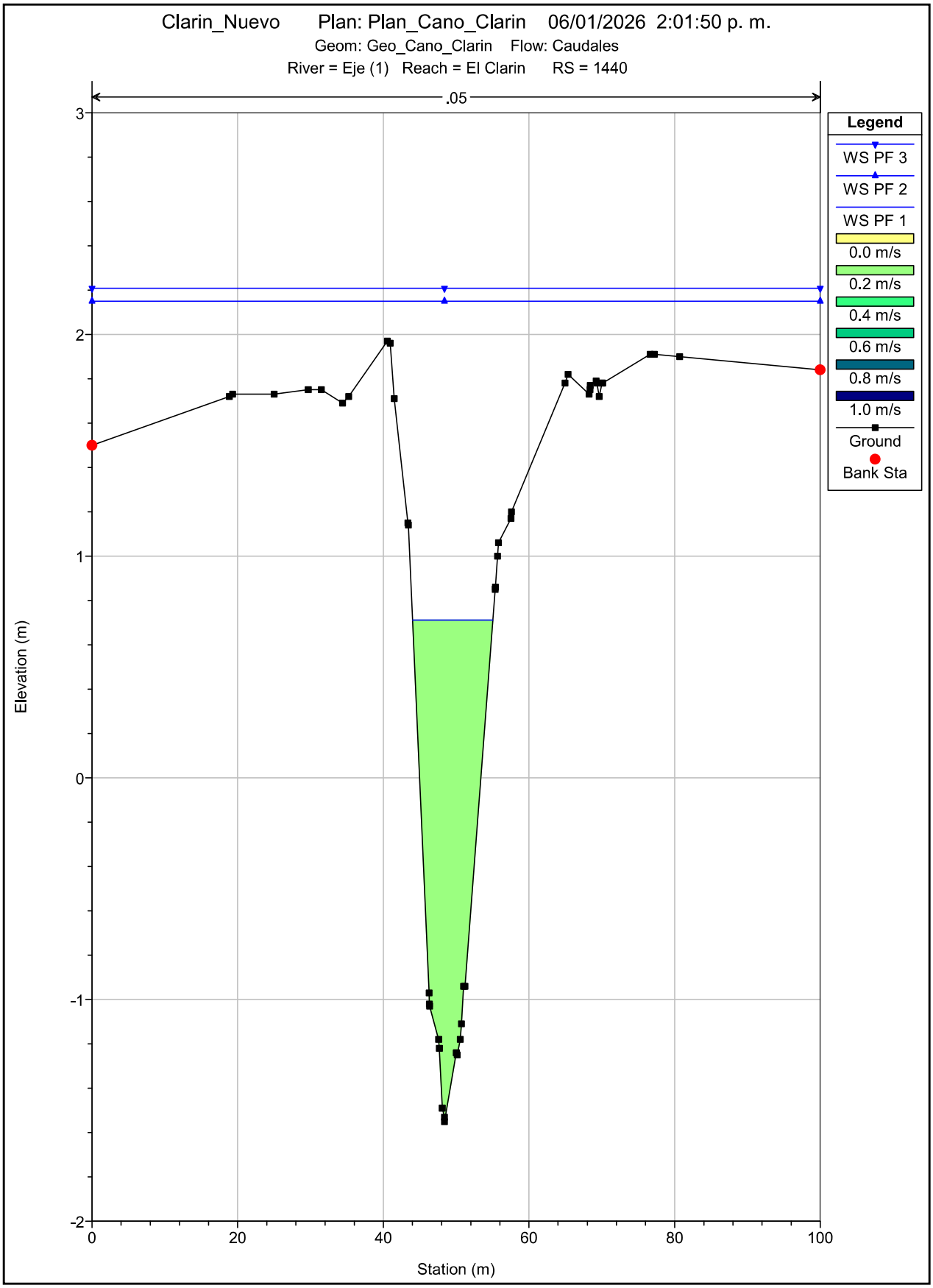

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1540
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

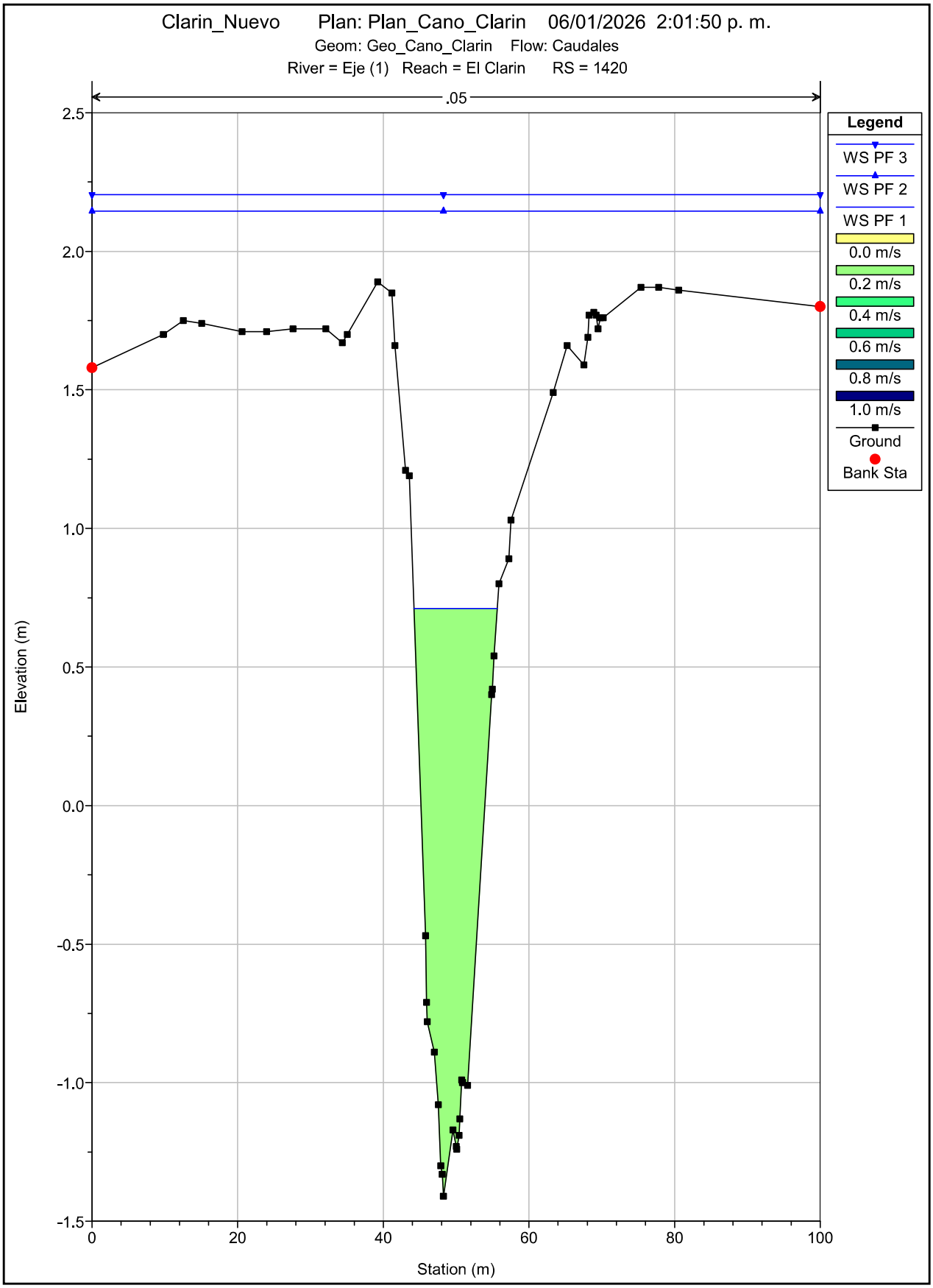

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1520
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

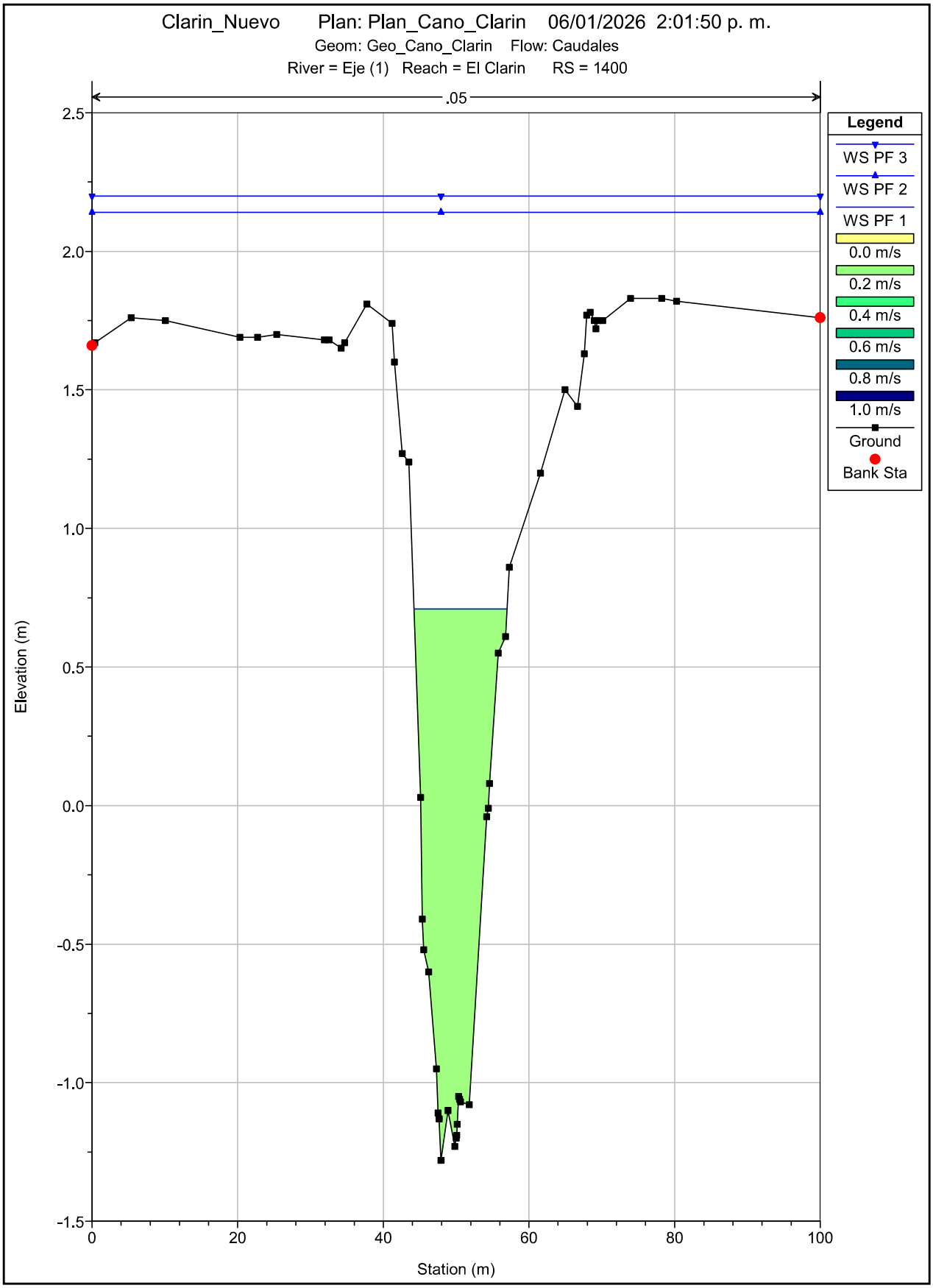

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1500
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

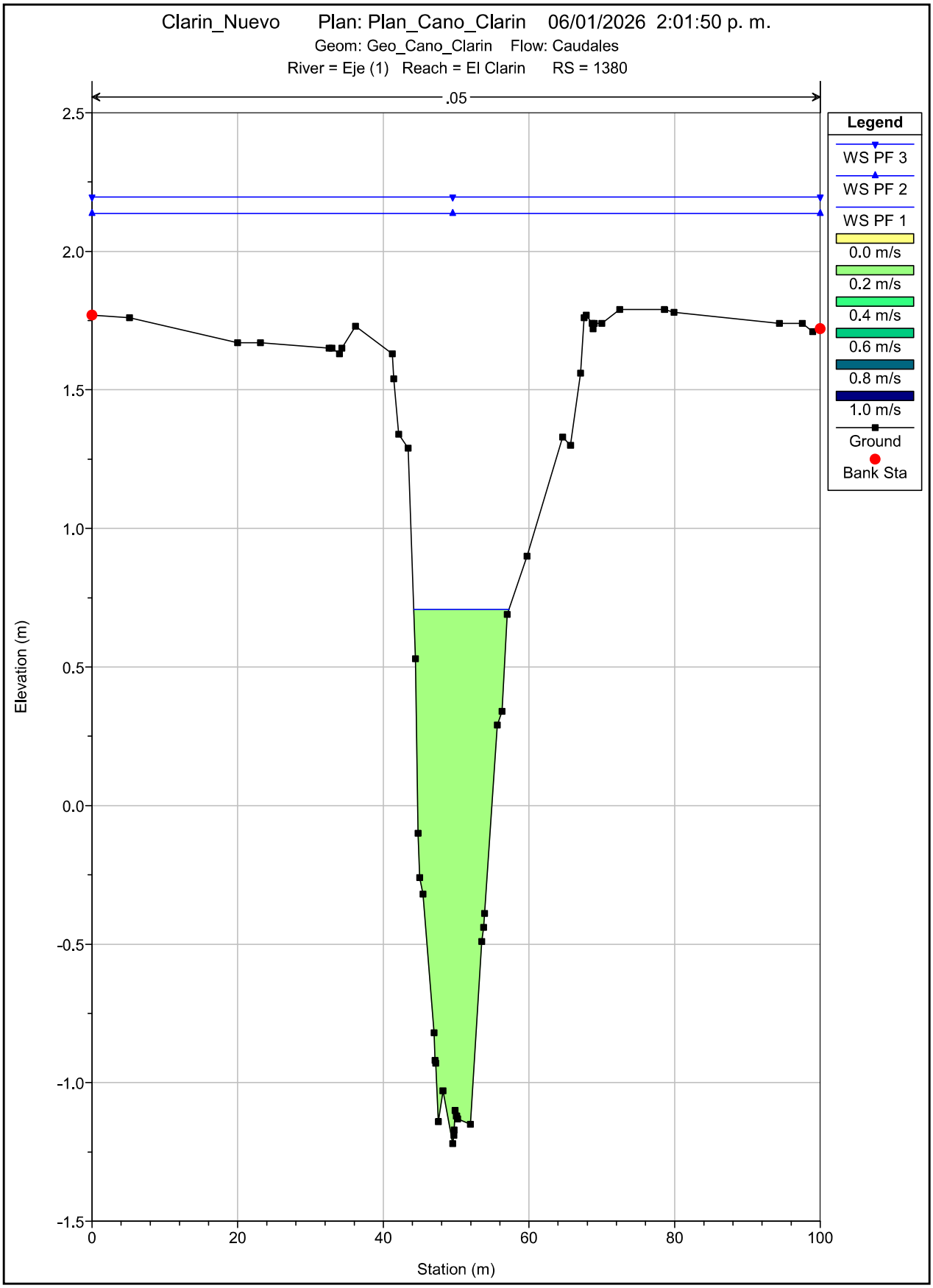

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1480
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

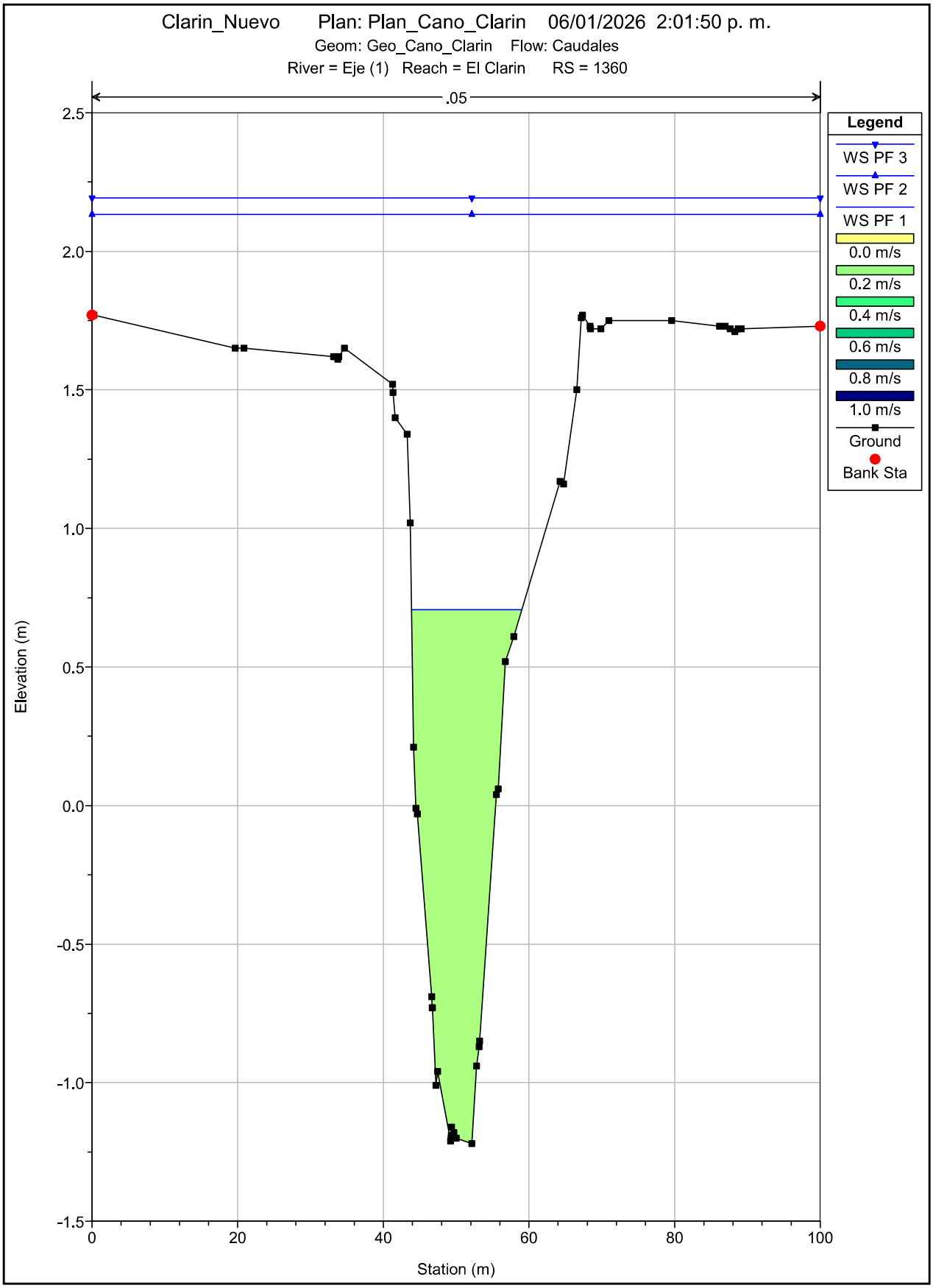

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1460
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

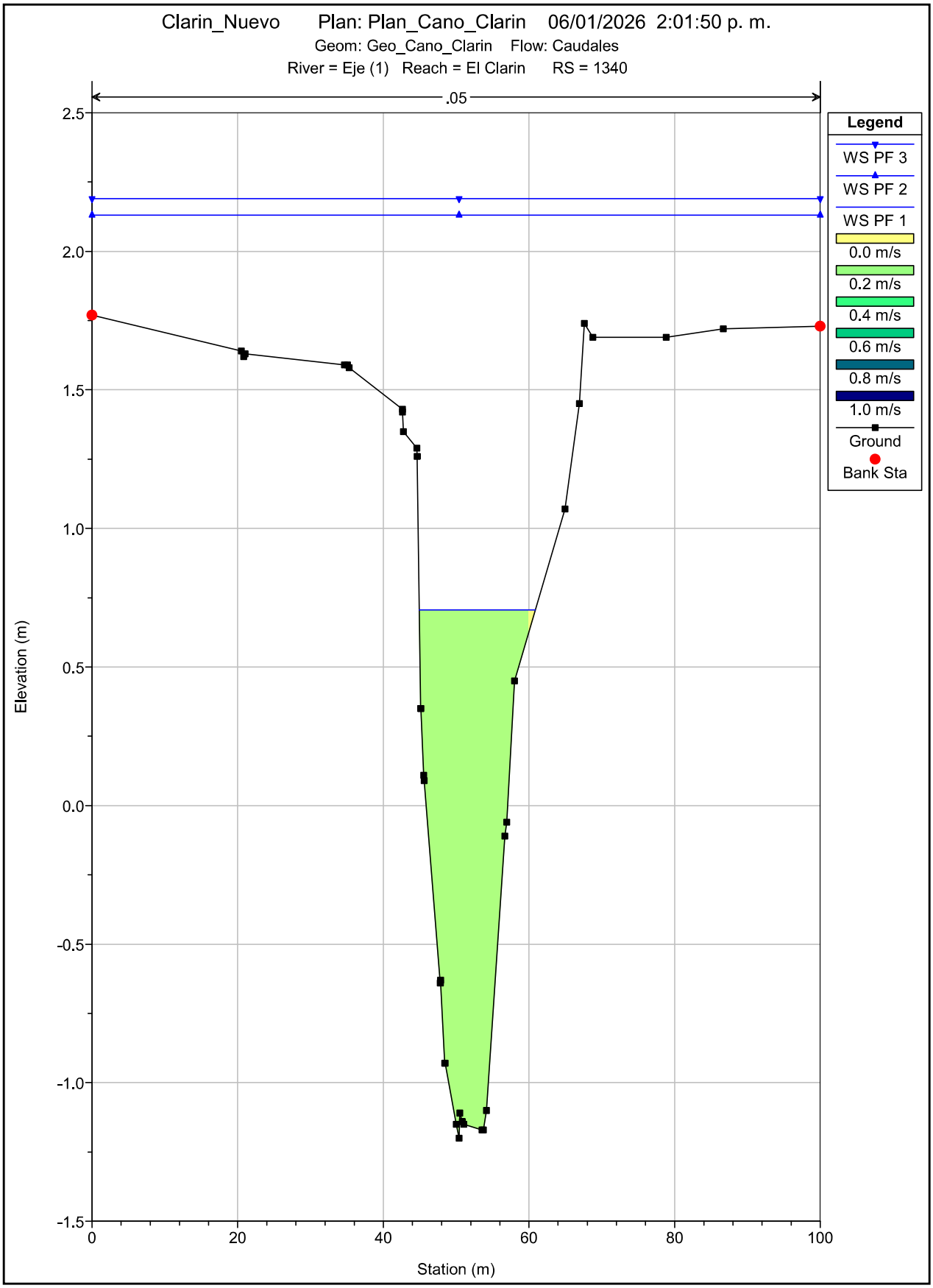

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1440
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
3
2
1
0
-1
-2
0
20
40
60
80
100

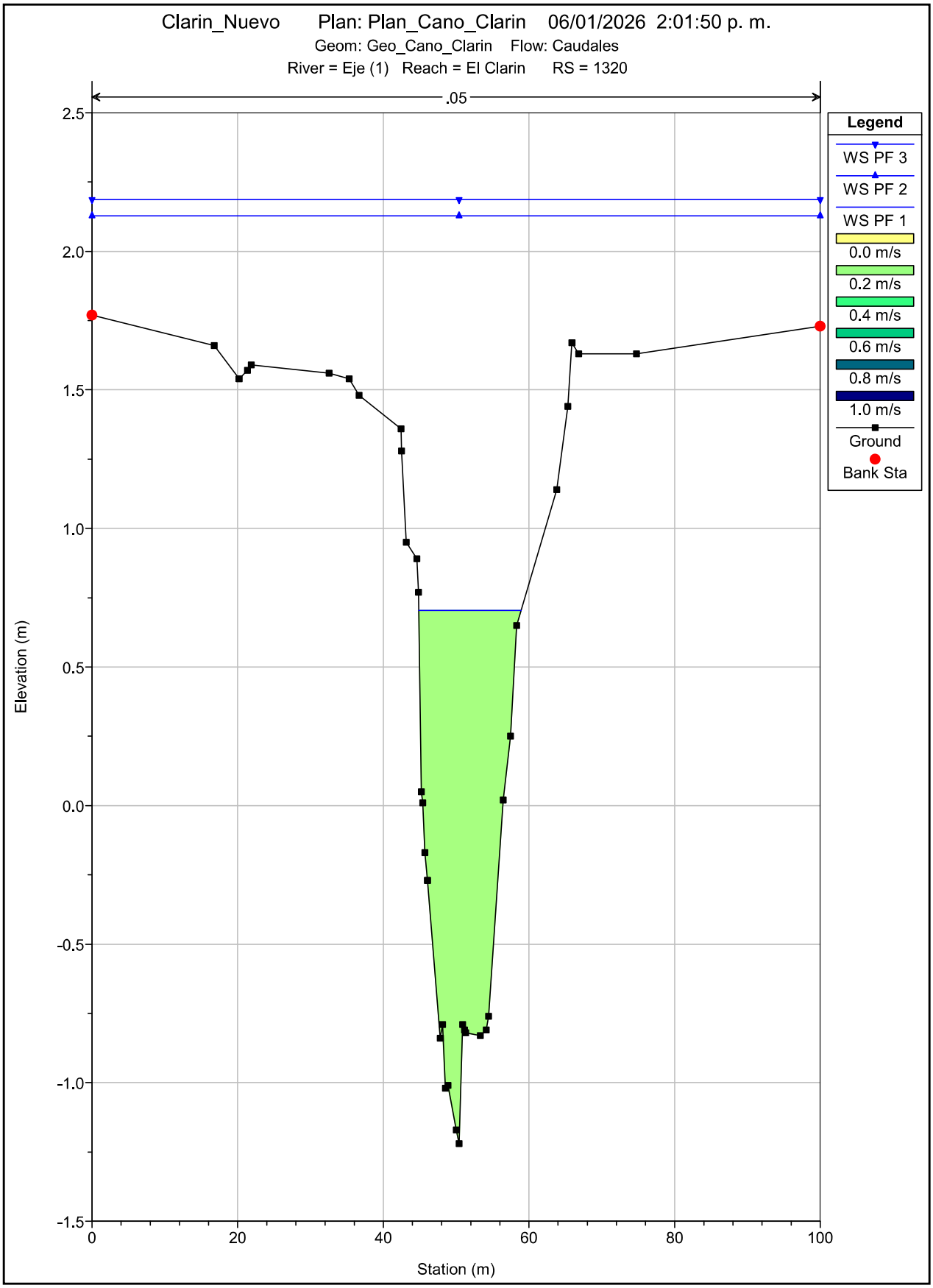

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1420
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

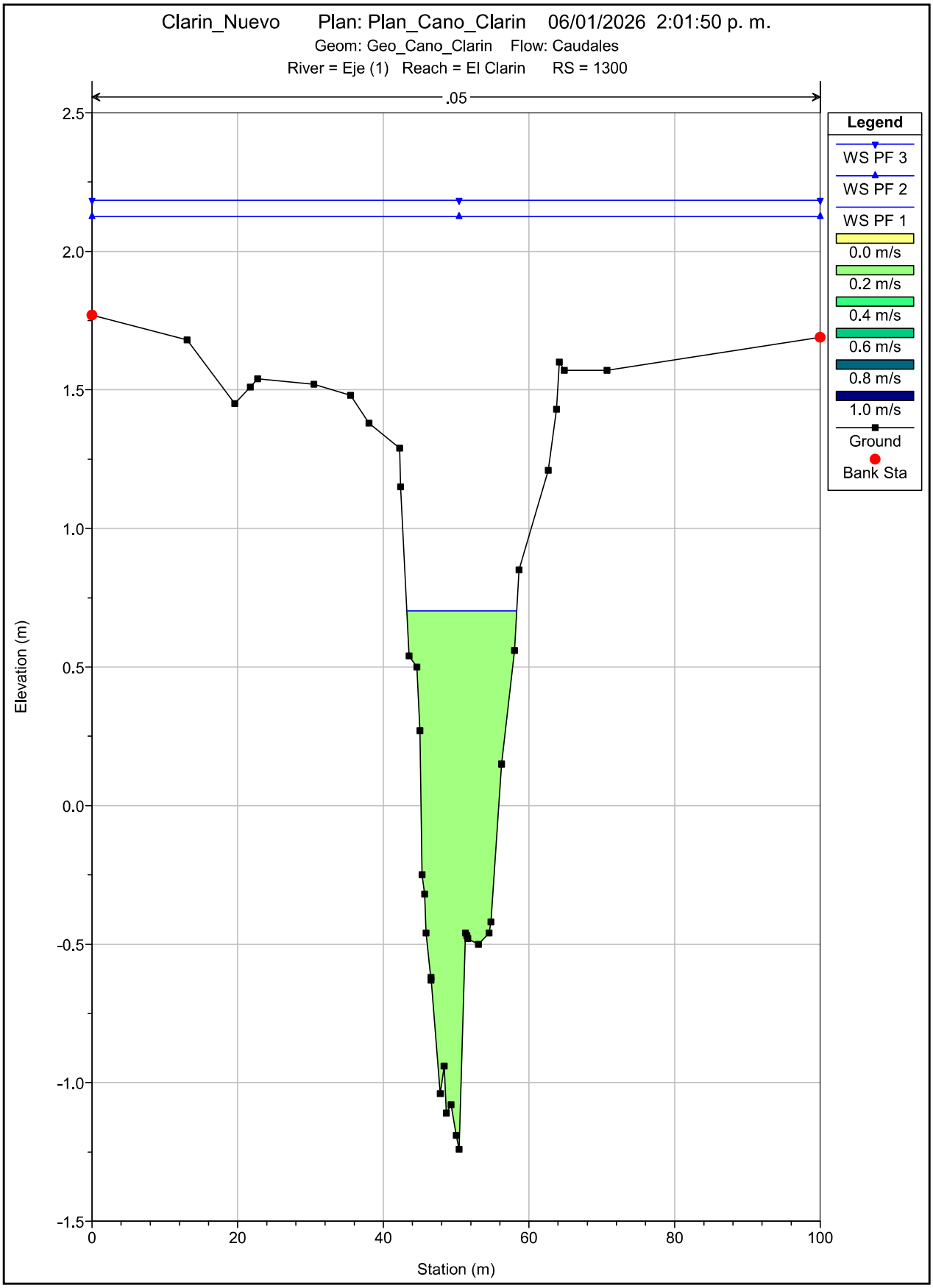

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1400
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

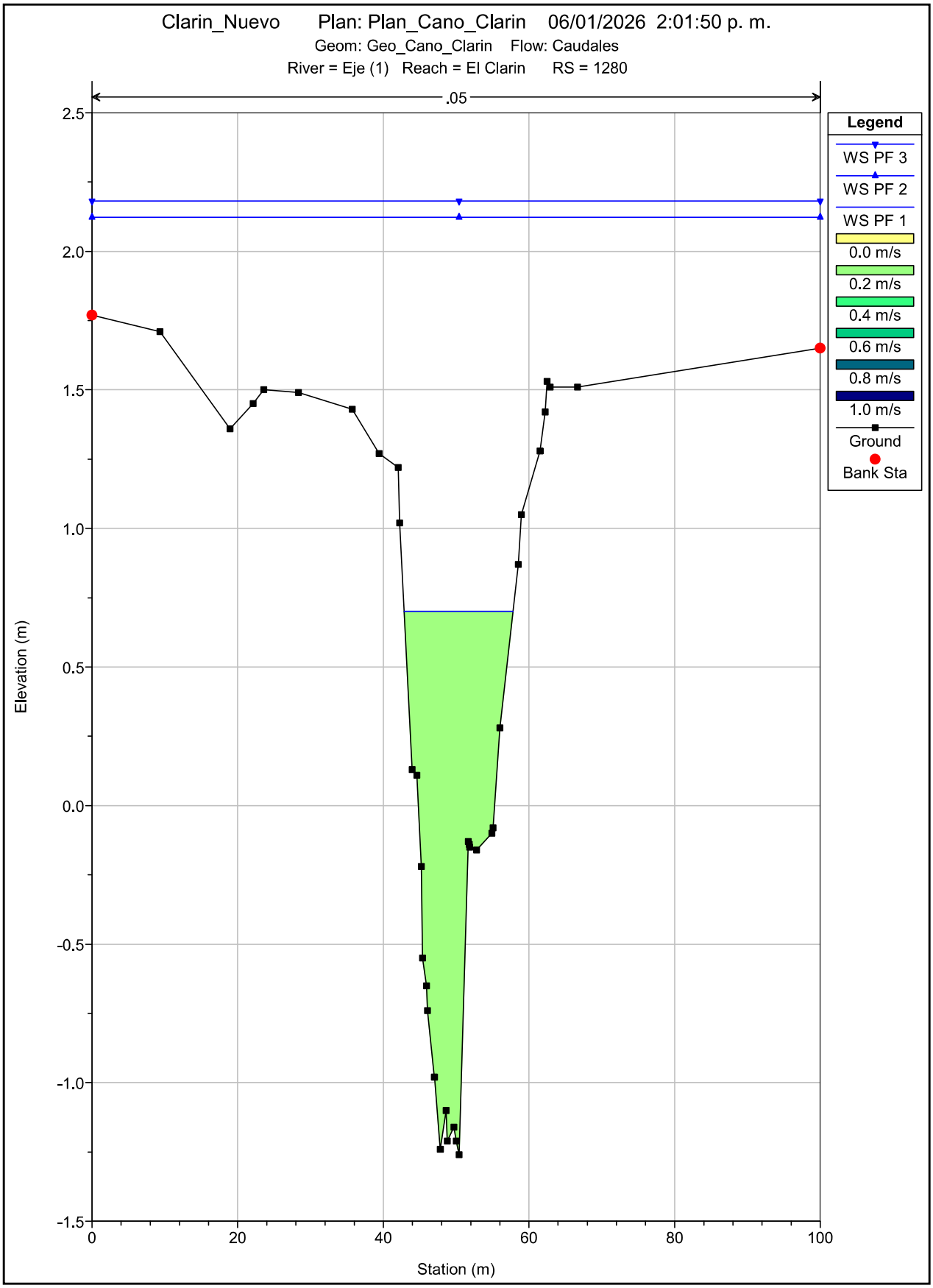

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1380
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

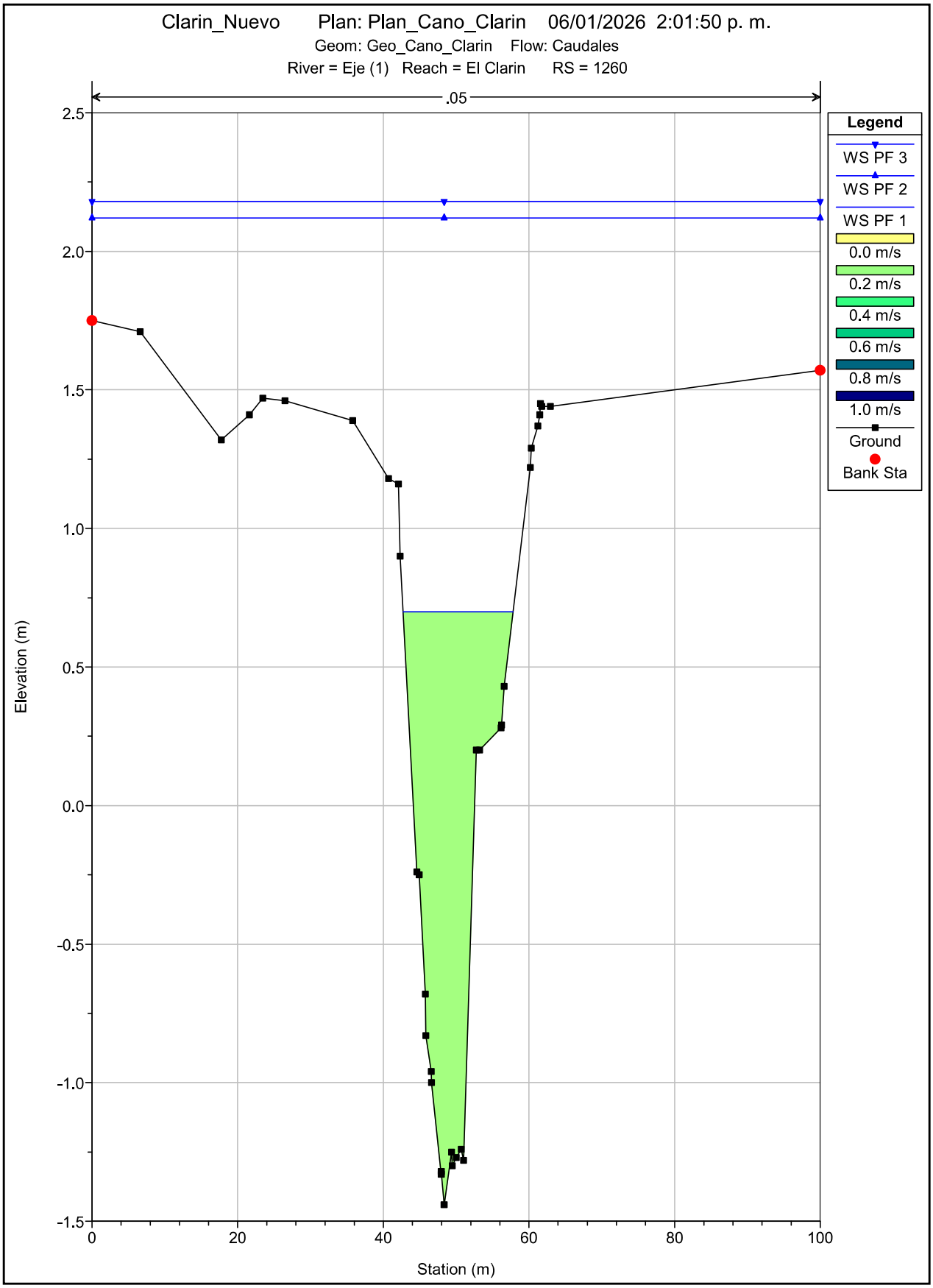

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1360
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

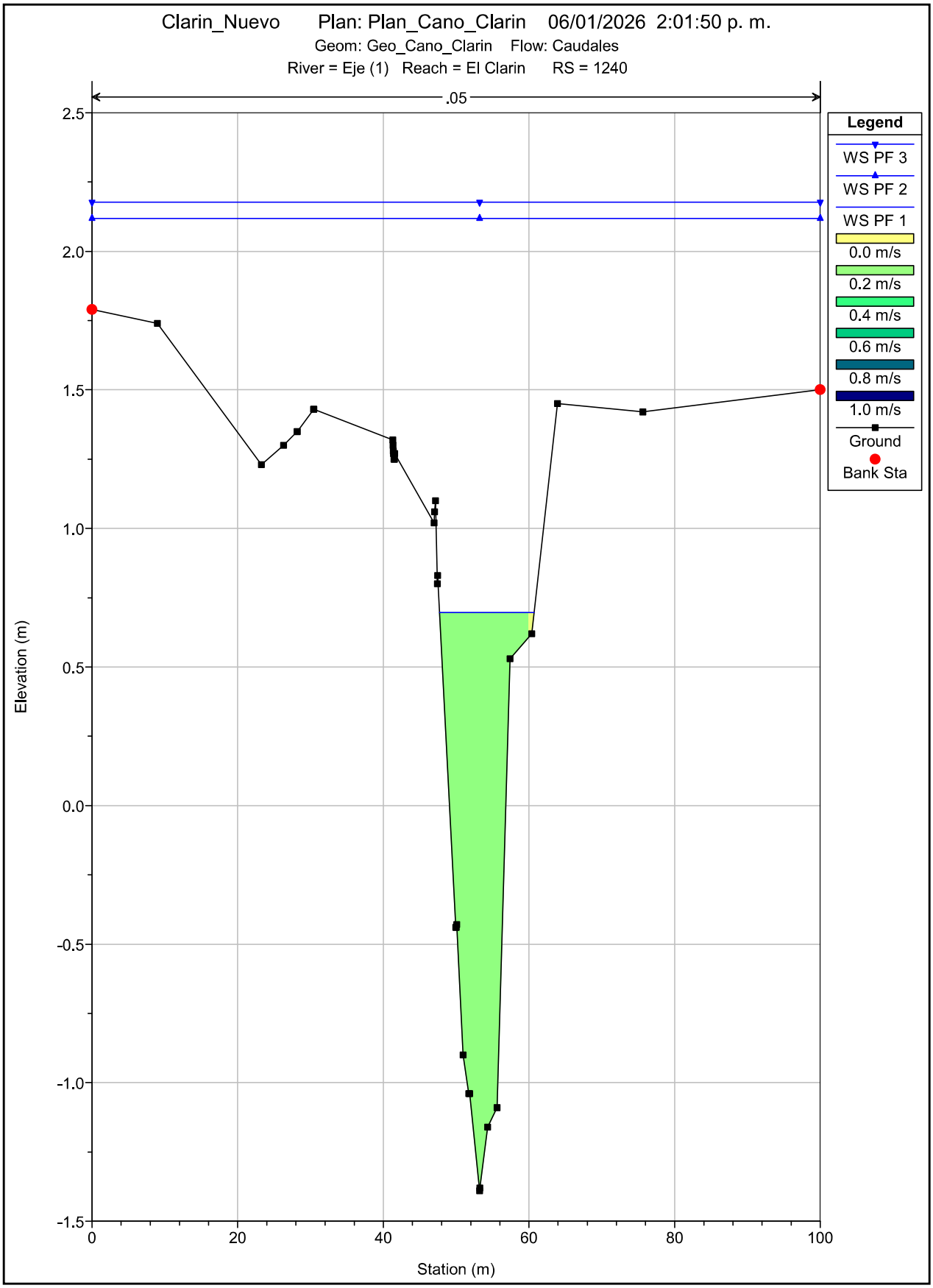

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1340
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

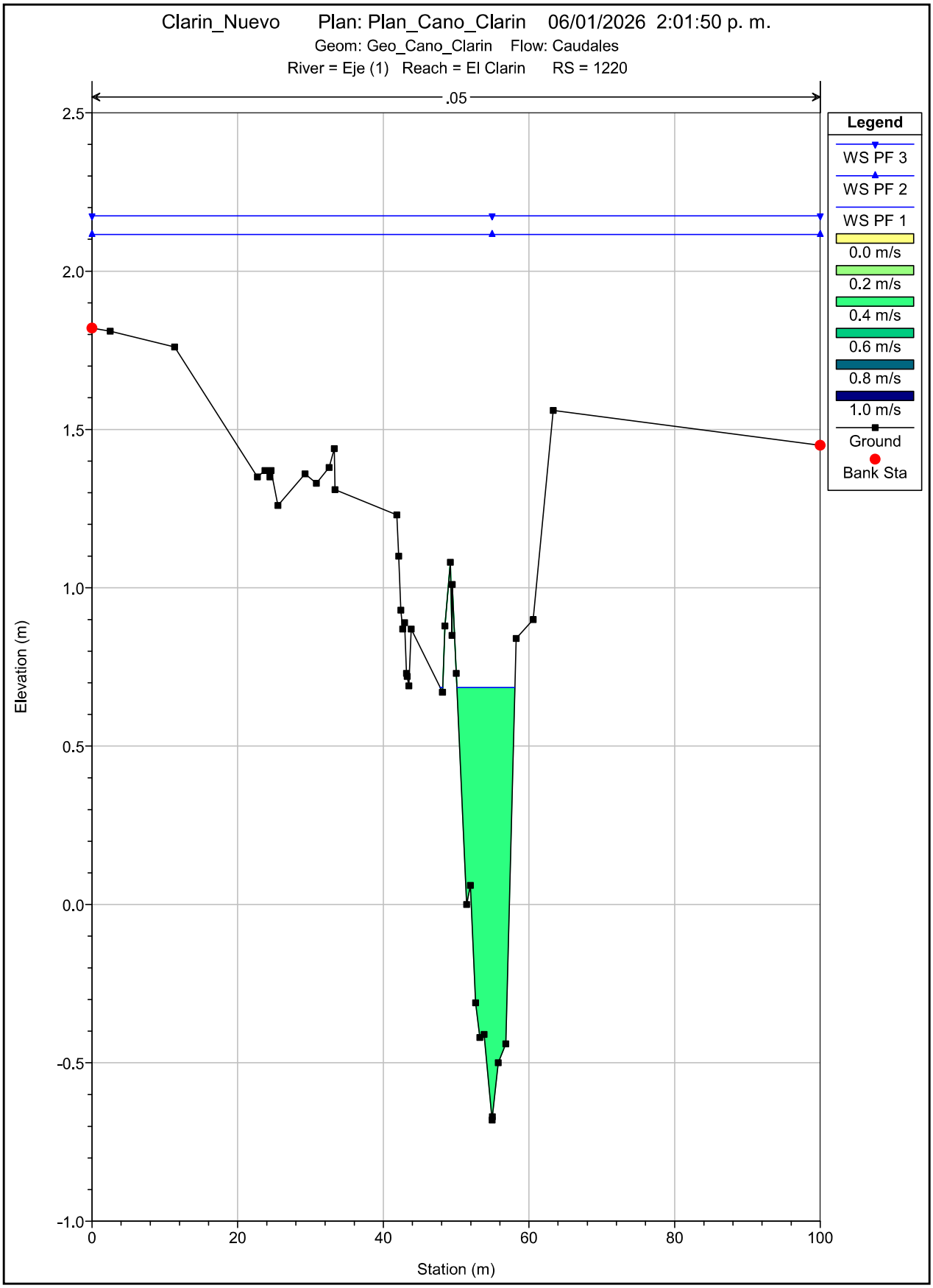

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1320
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

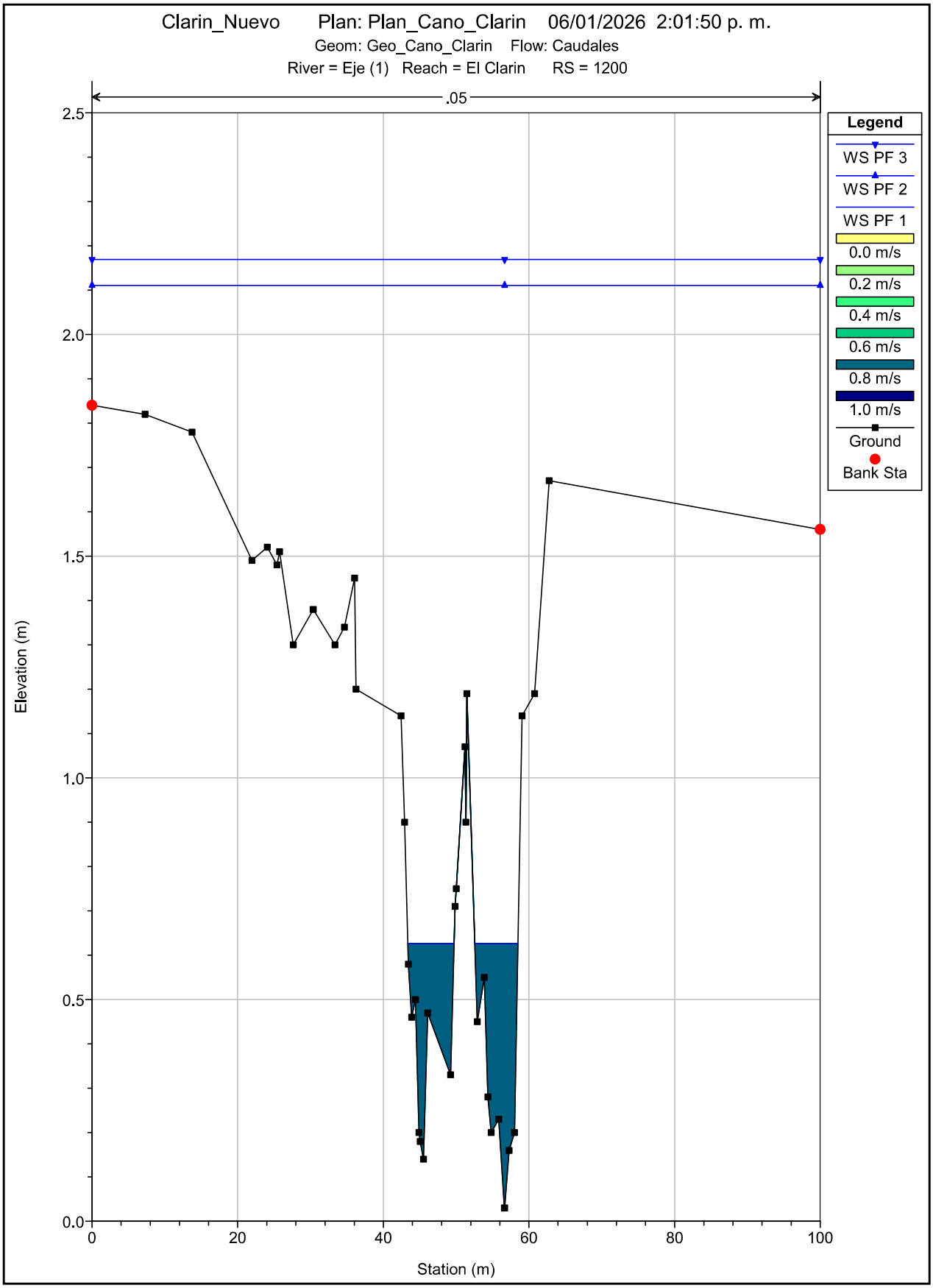

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1300
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

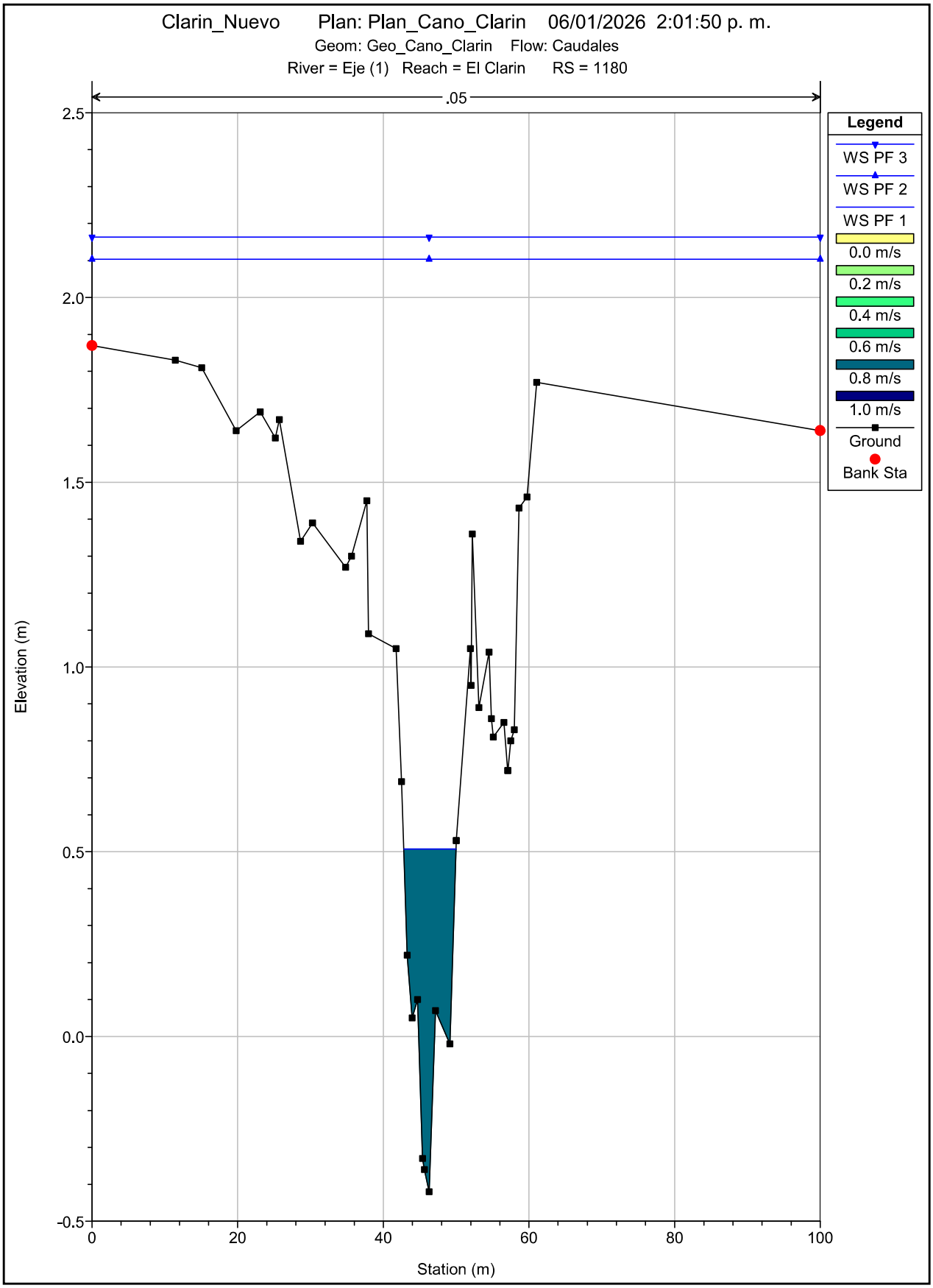

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1280
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

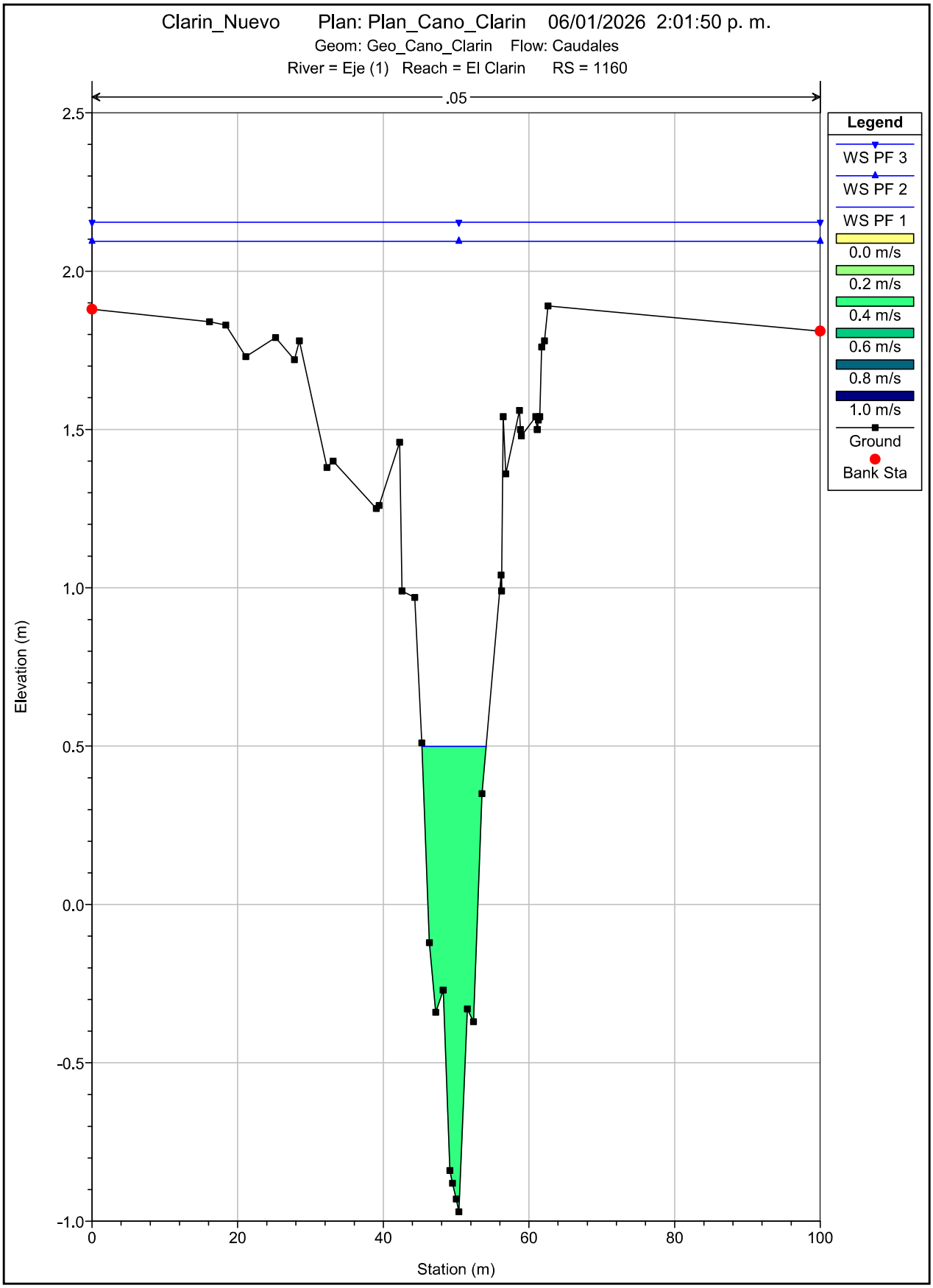

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1260
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

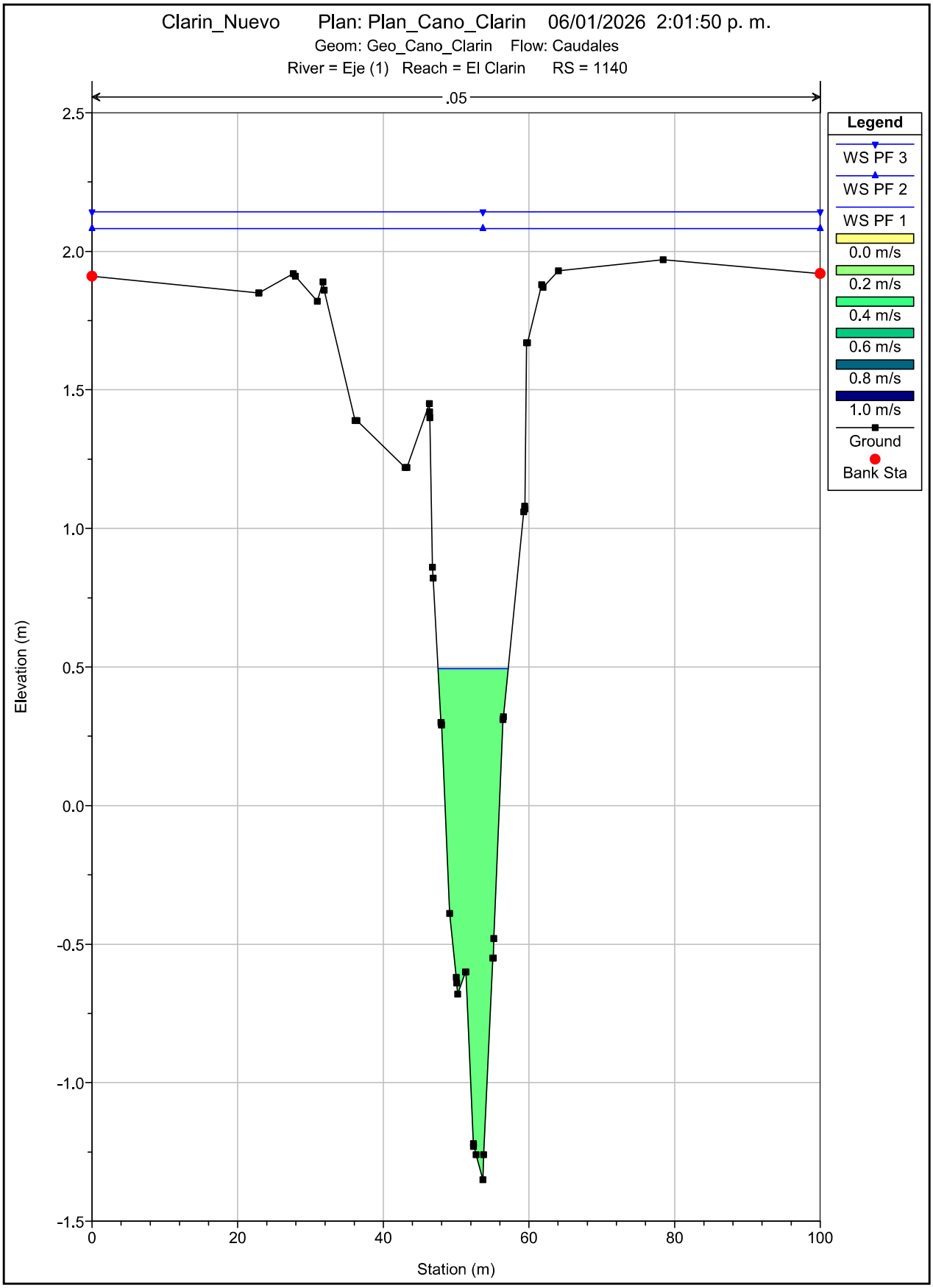

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1240
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

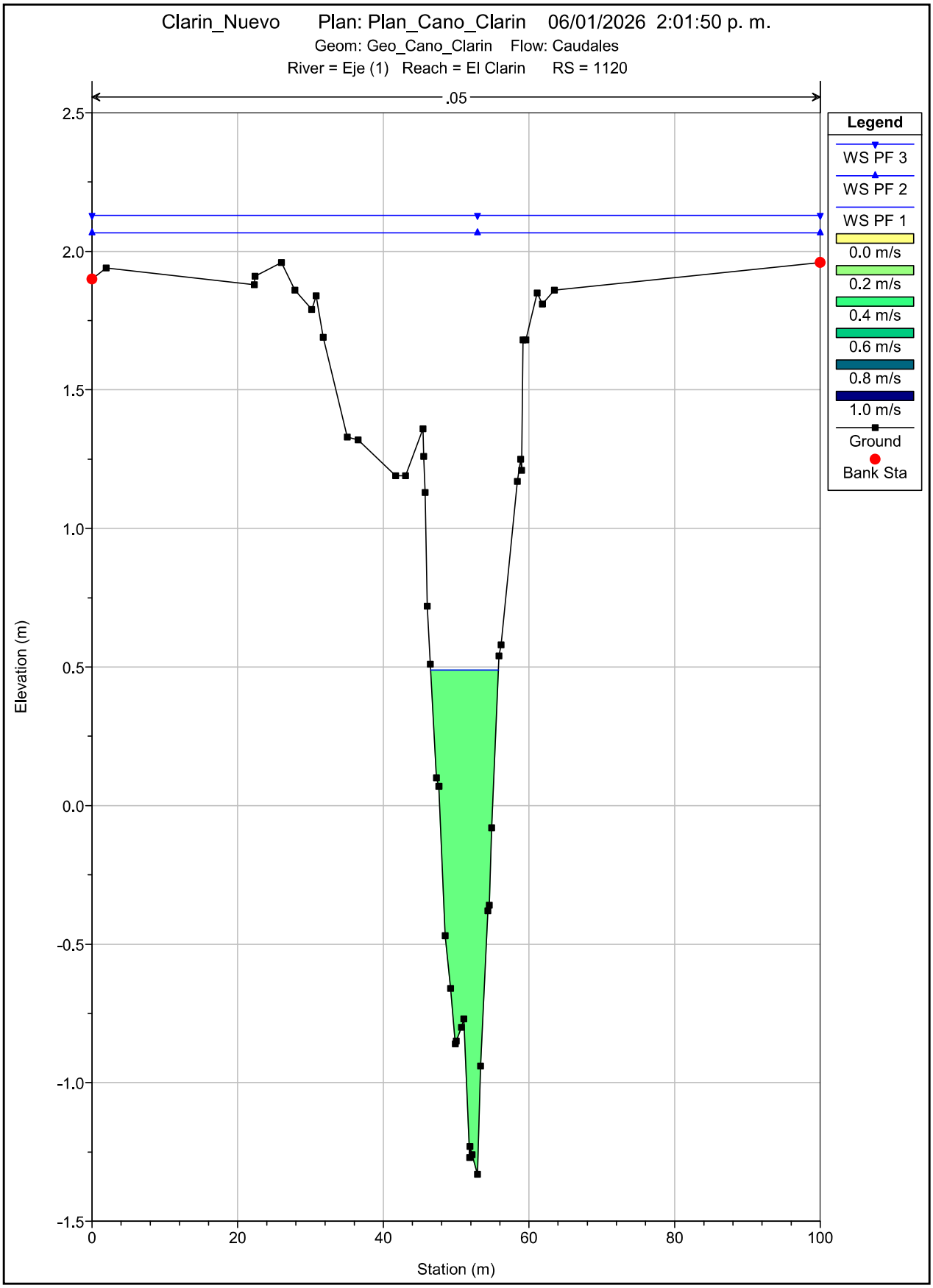

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1220
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

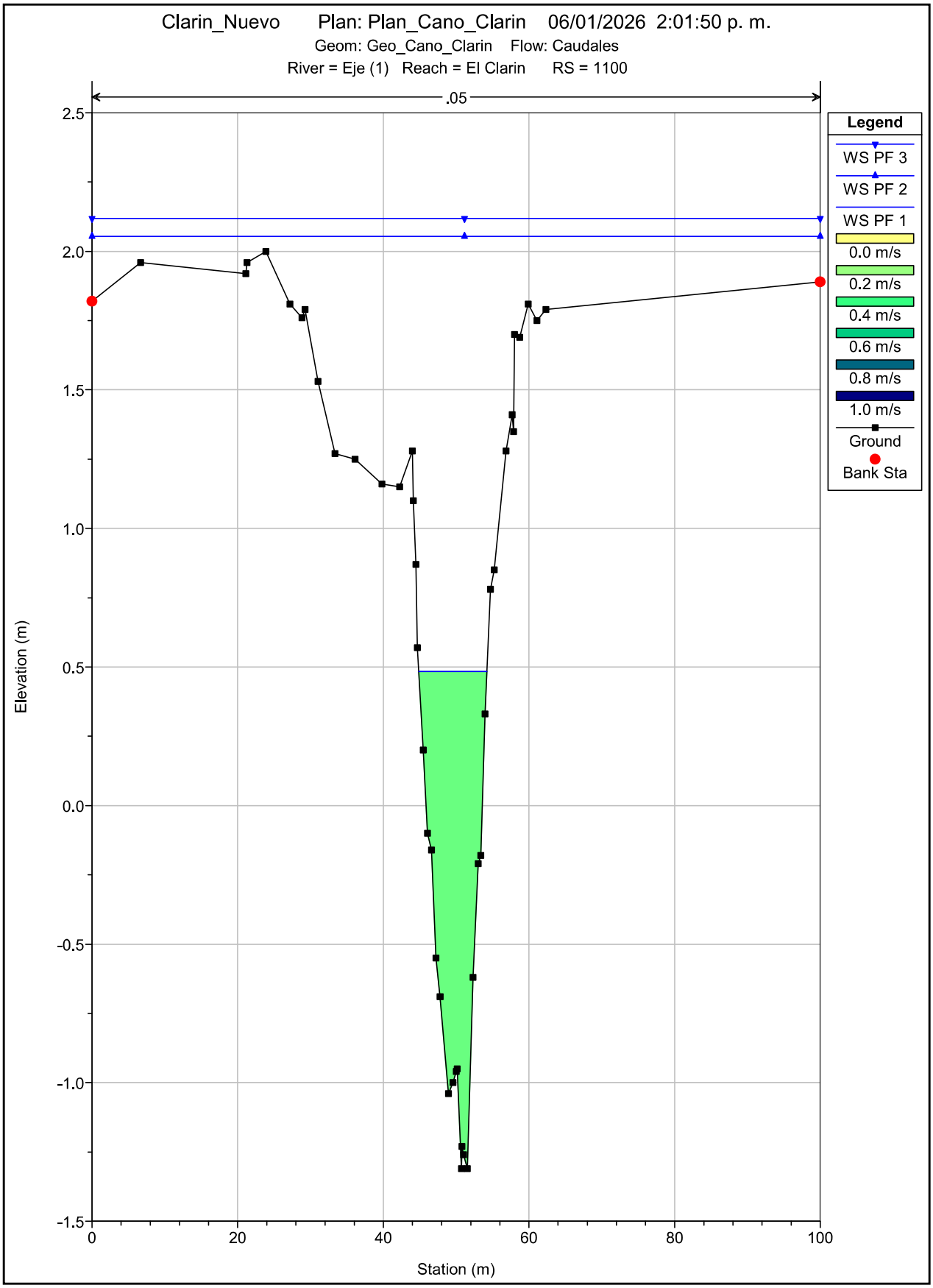

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1200
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
0.0
0.5
1.0
1.5
2.0
2.5
0
20
40
60
80
100

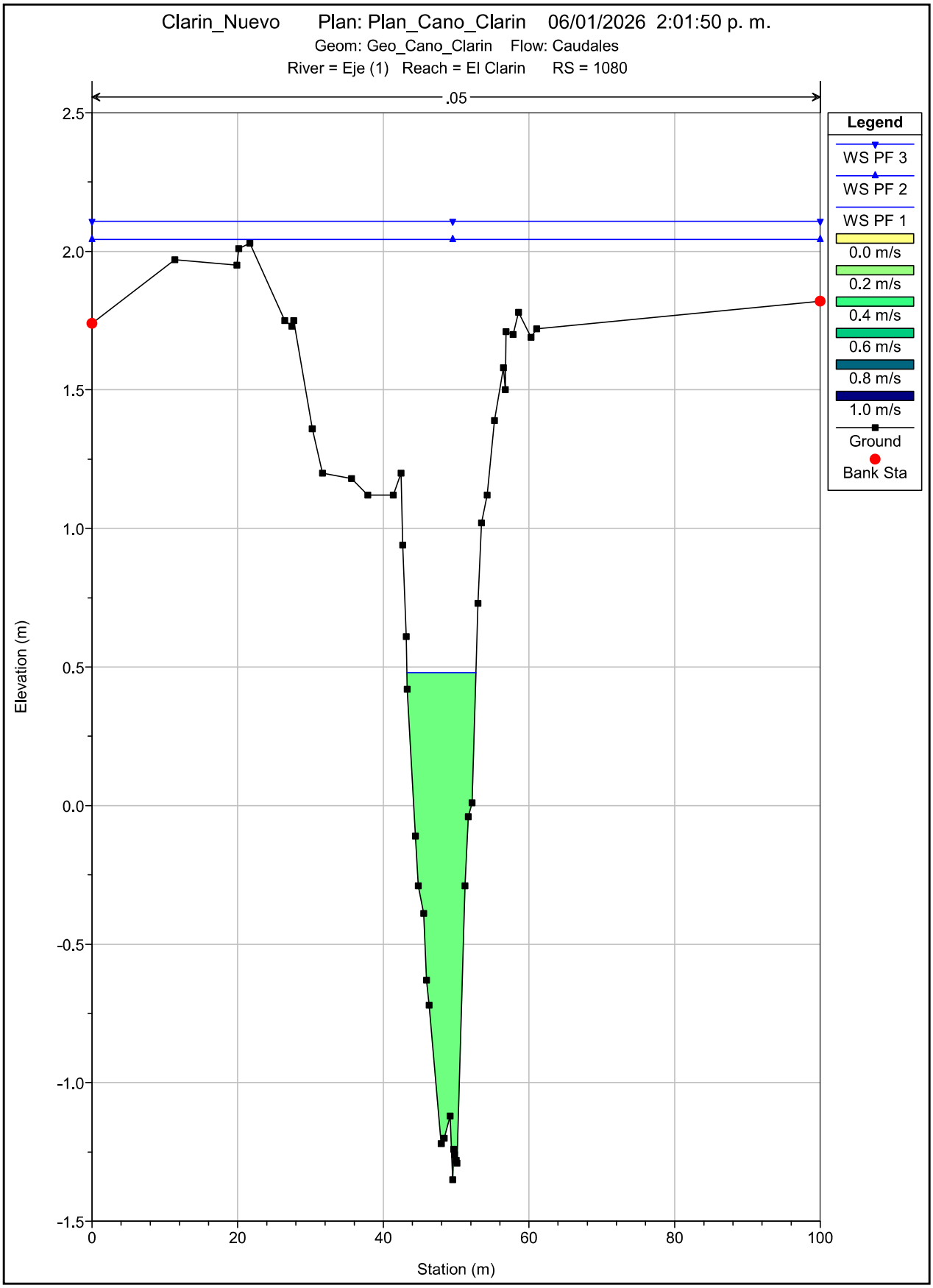

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1180
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
0
20
40
60
80
100

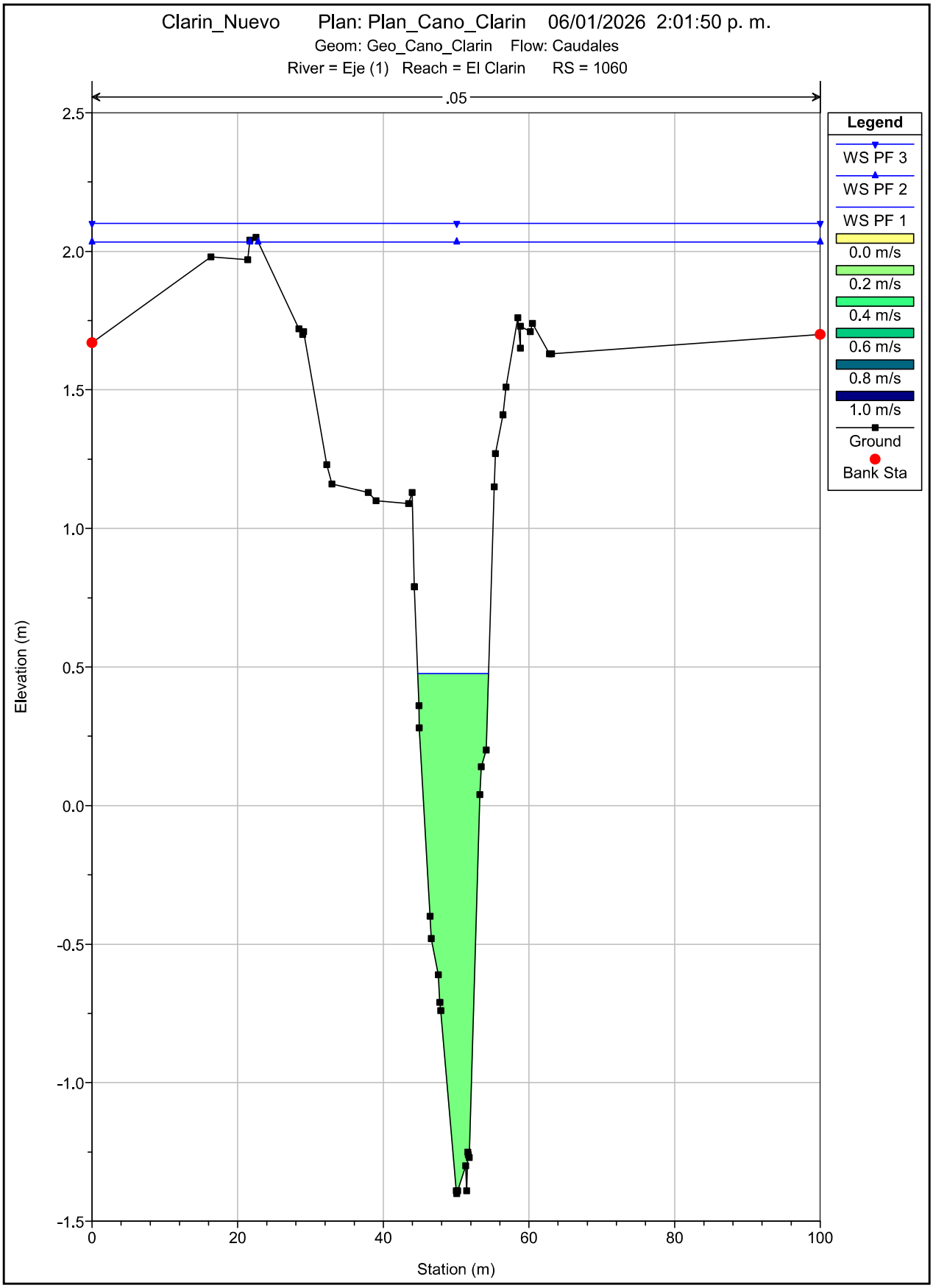

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1160
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100

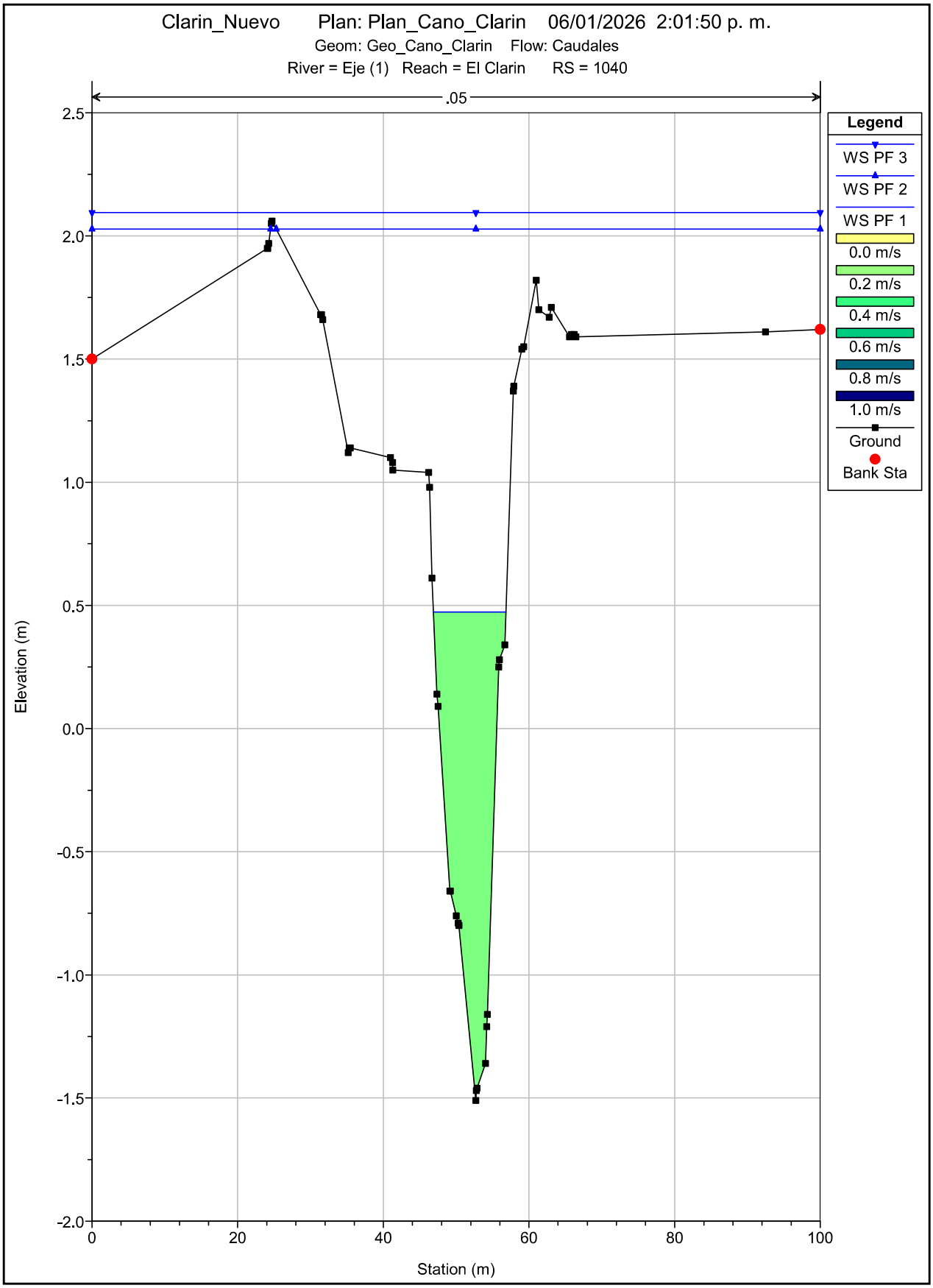

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1140
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

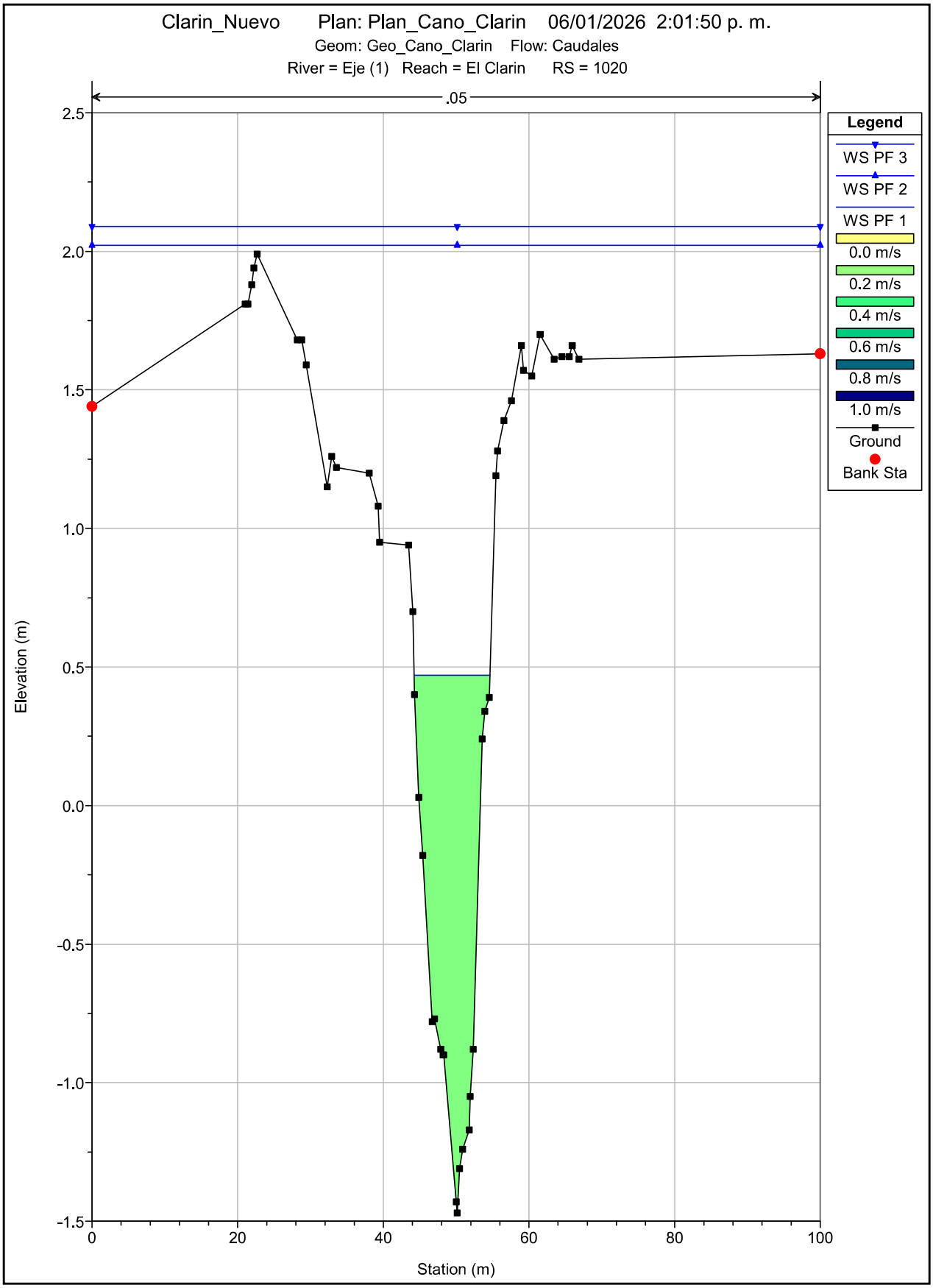

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1120
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

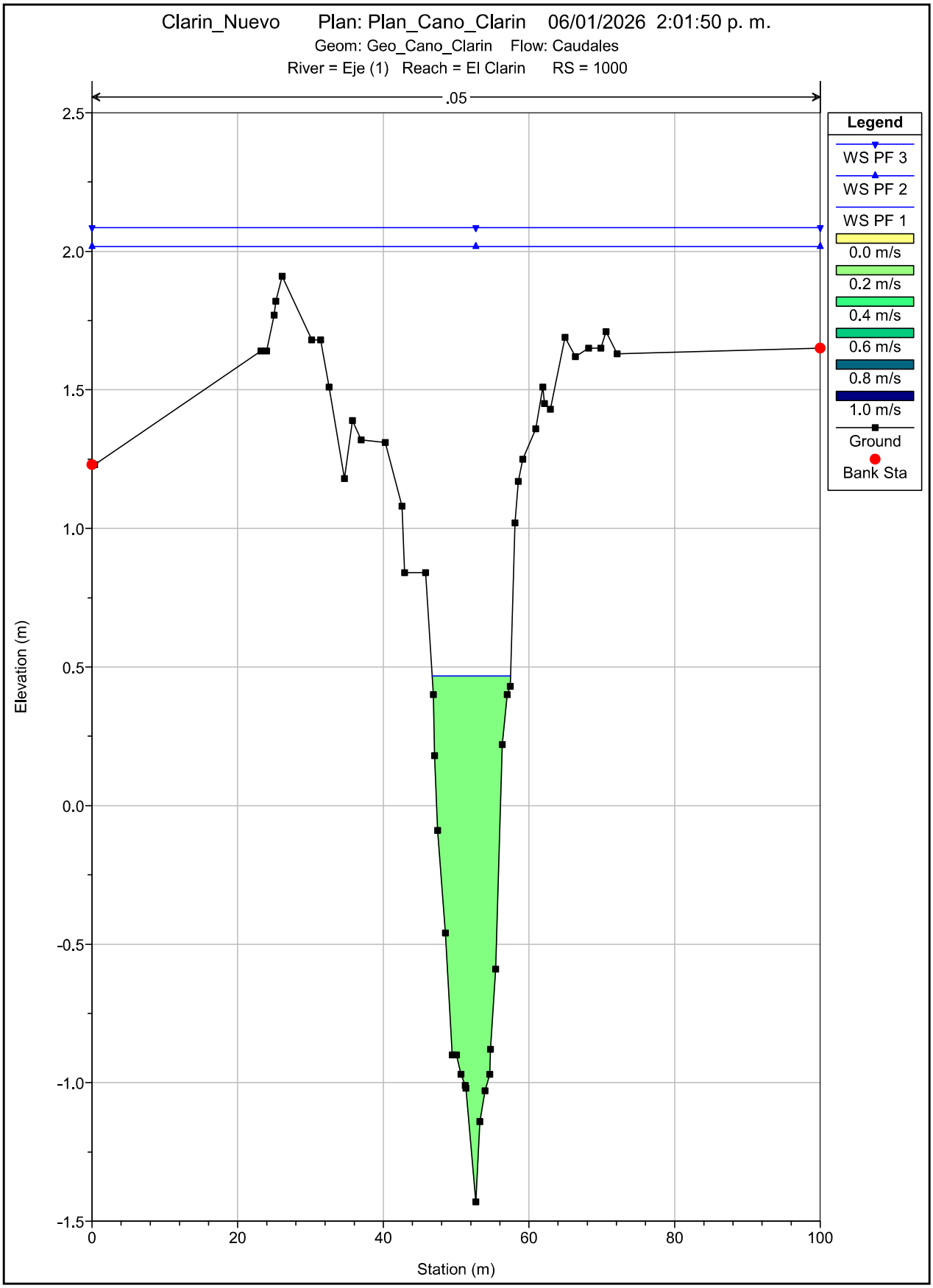

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1100
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

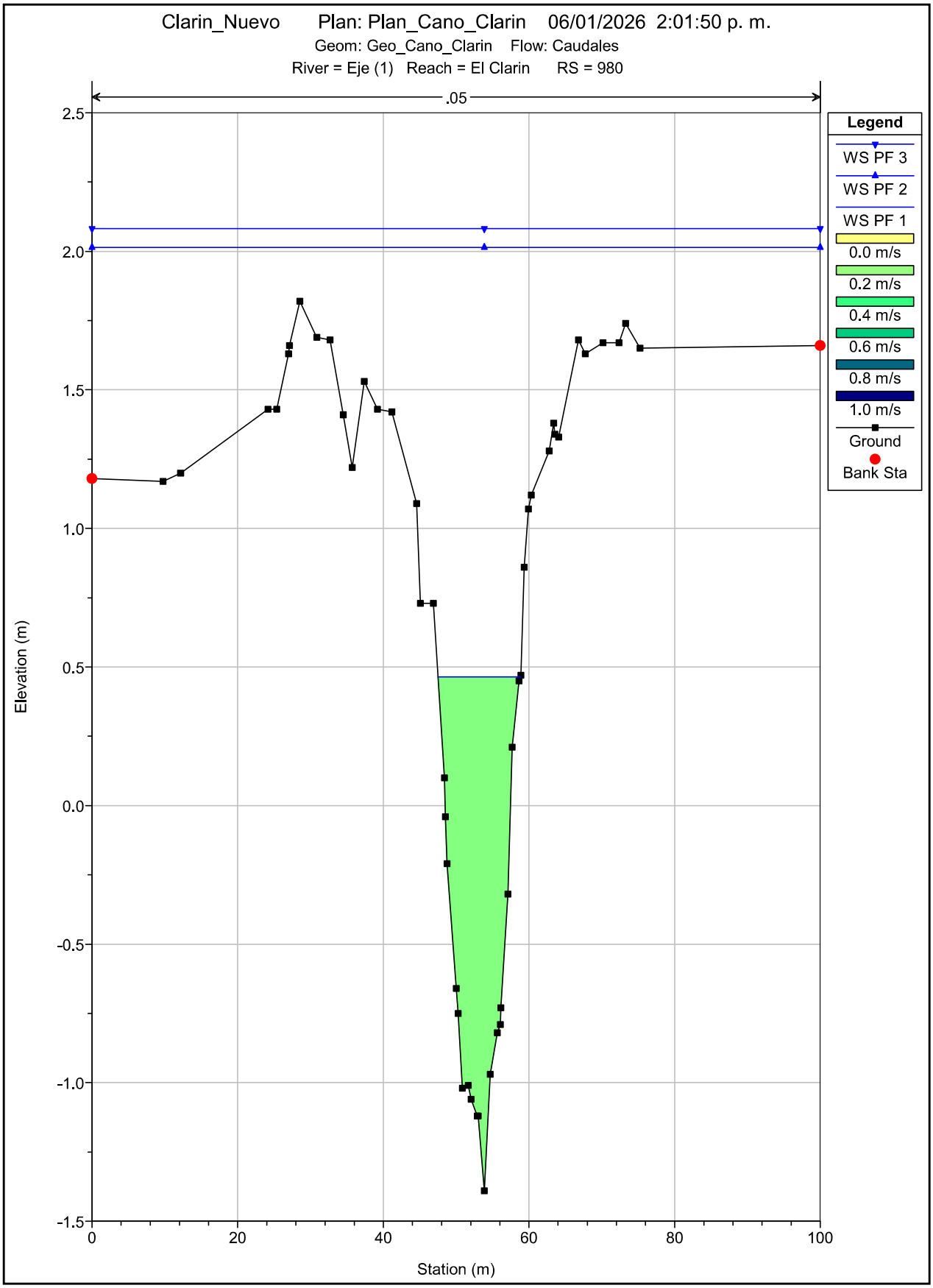

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1080
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

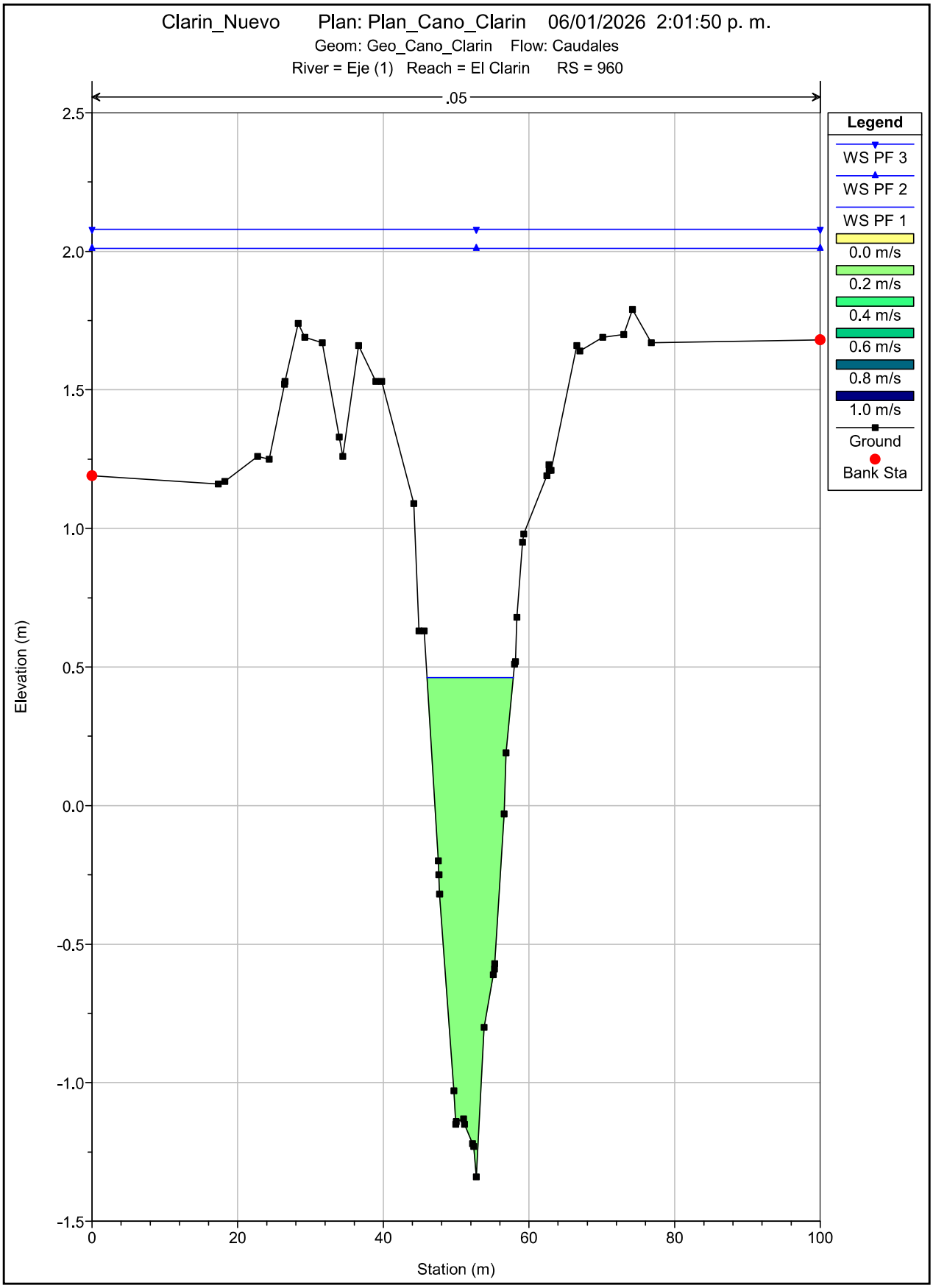

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1060
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

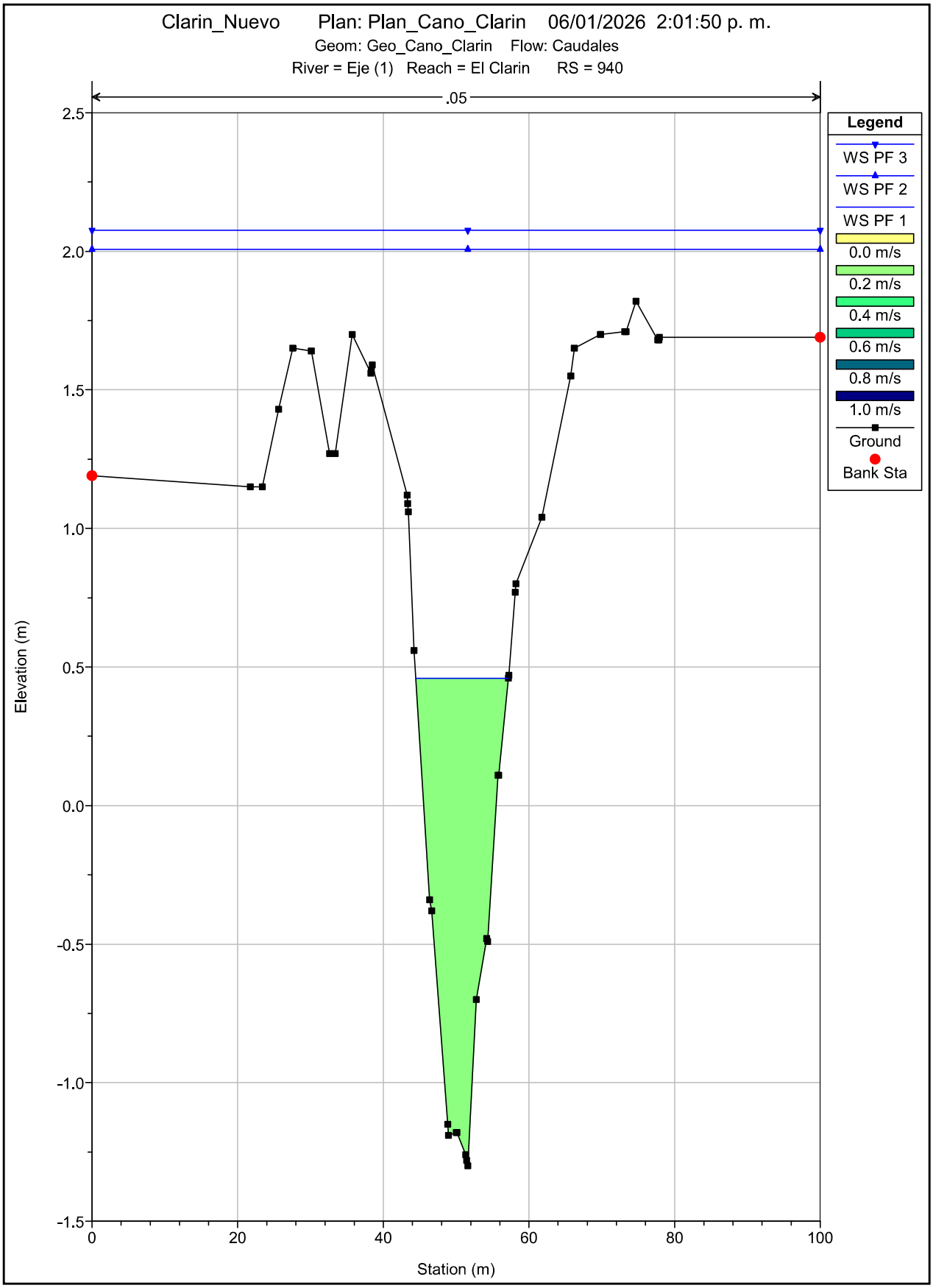

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1040
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

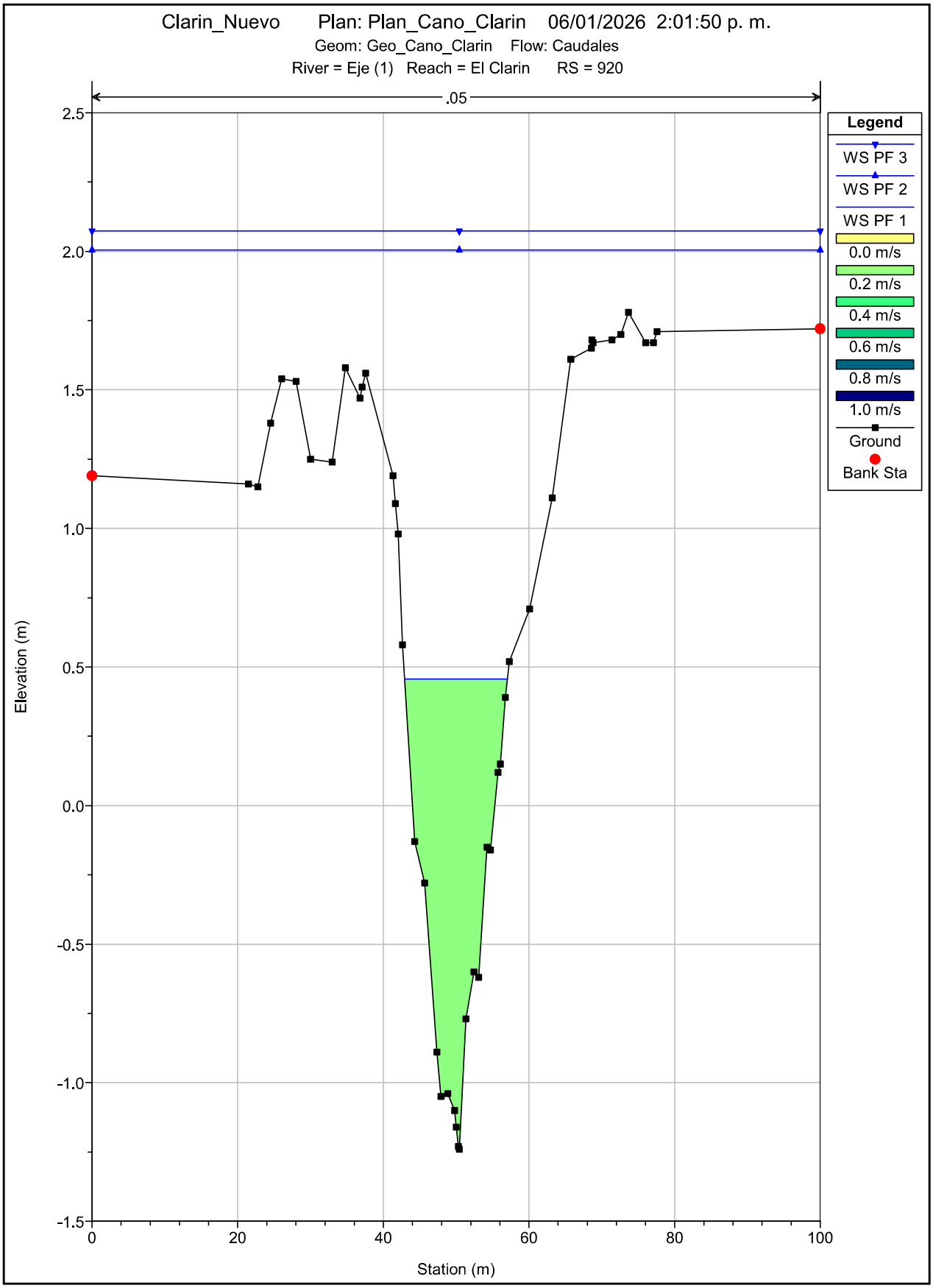

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1020
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

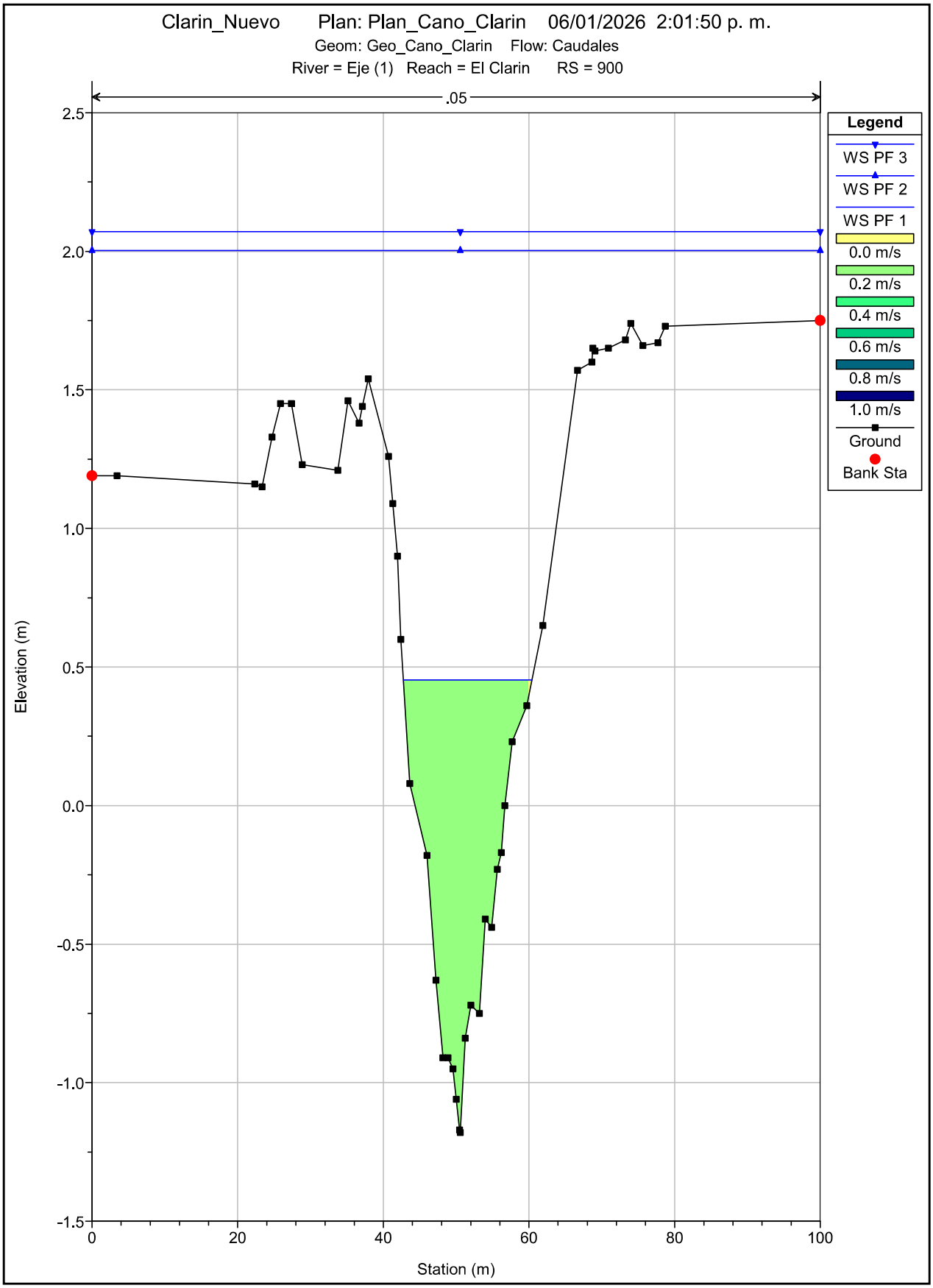

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 1000
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

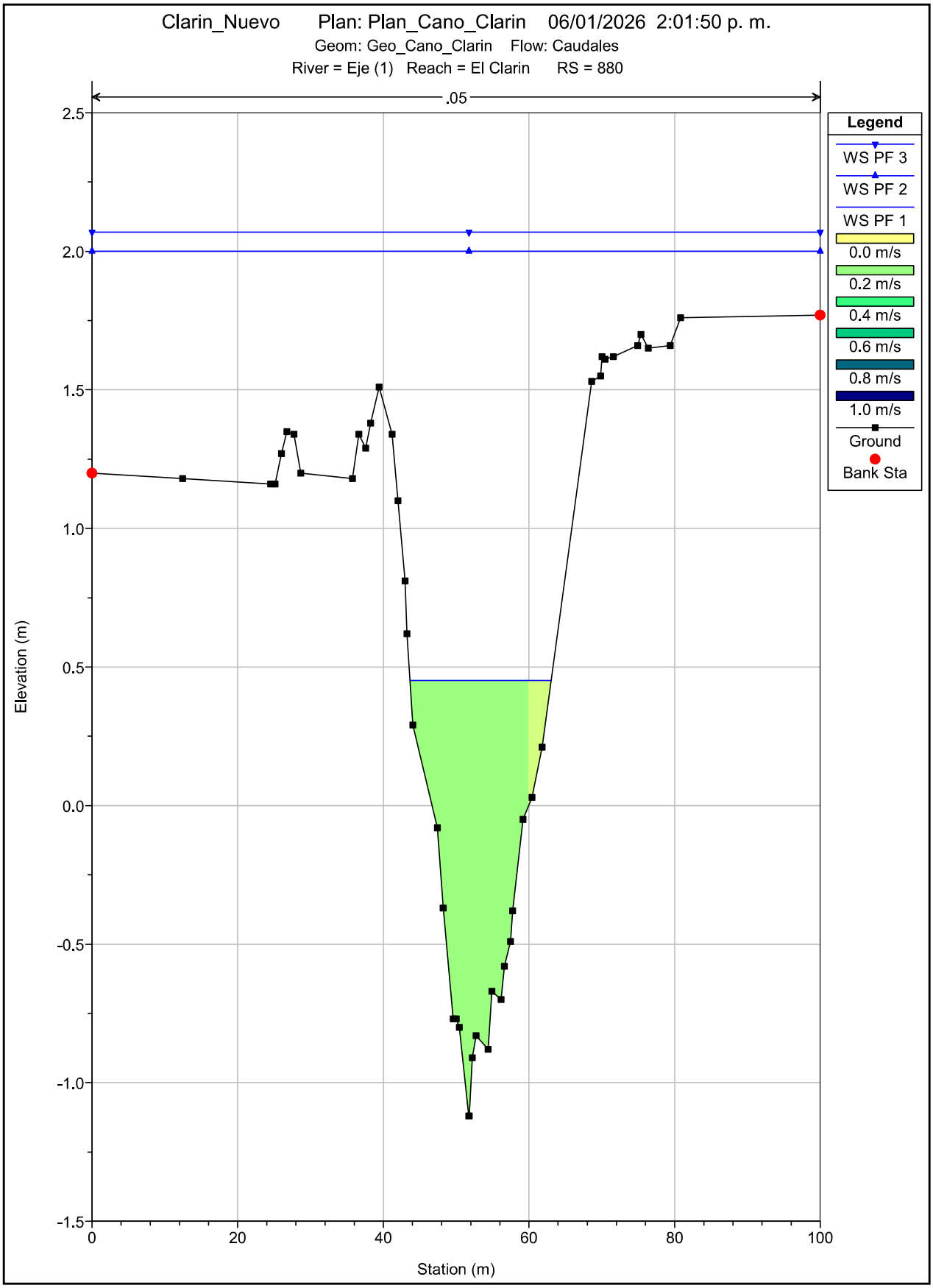

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 980
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

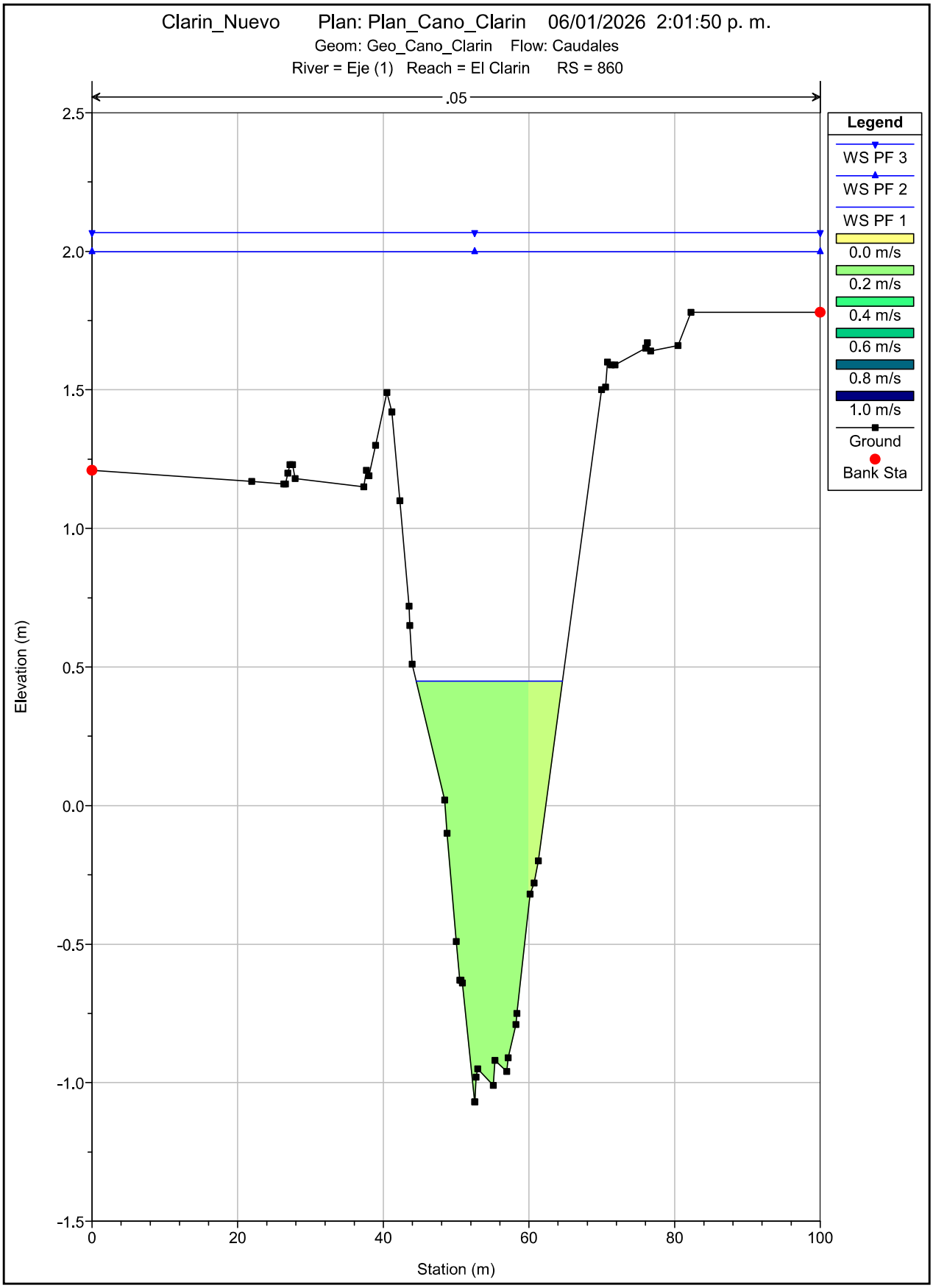

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 960
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

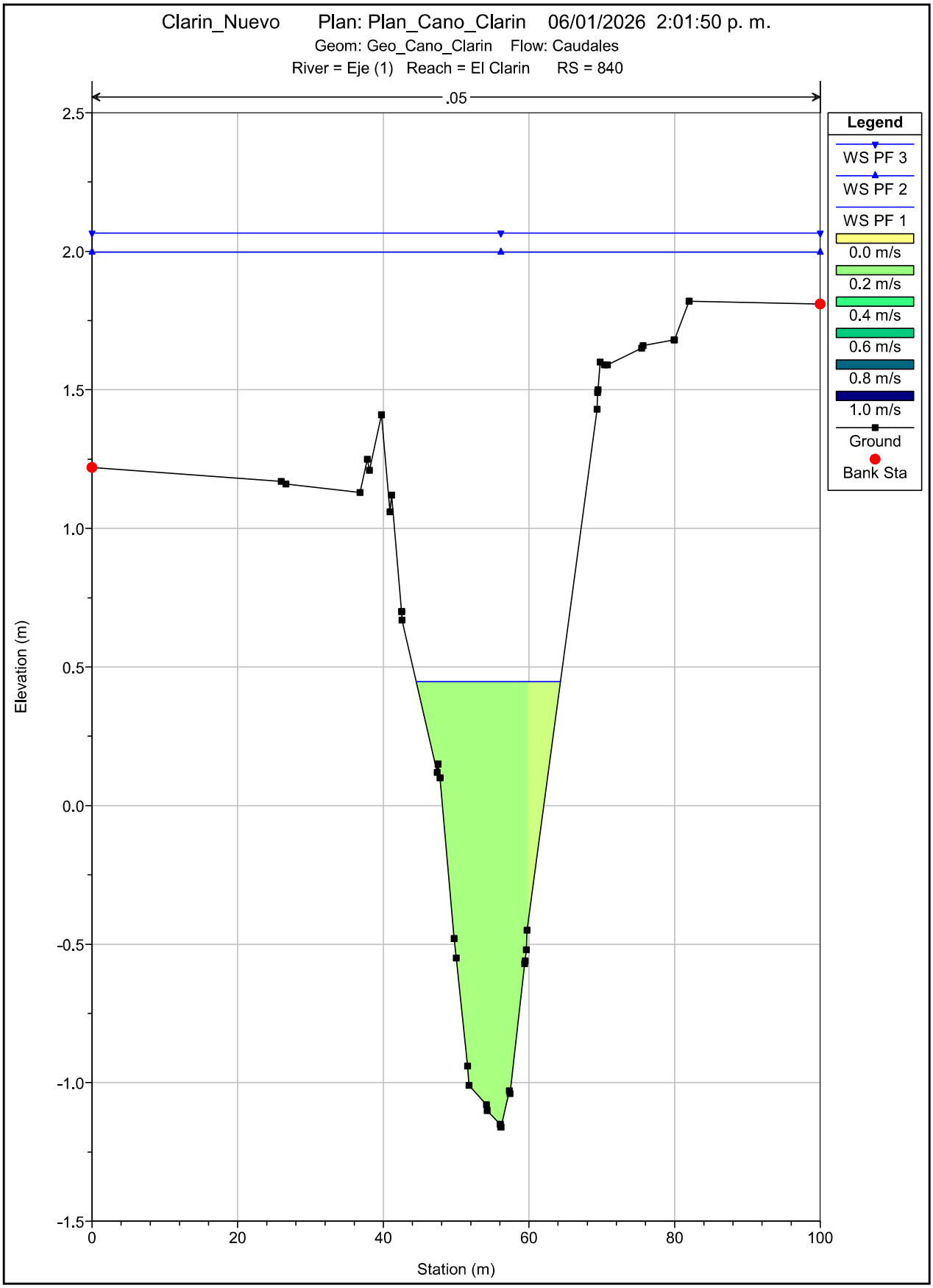

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 940
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

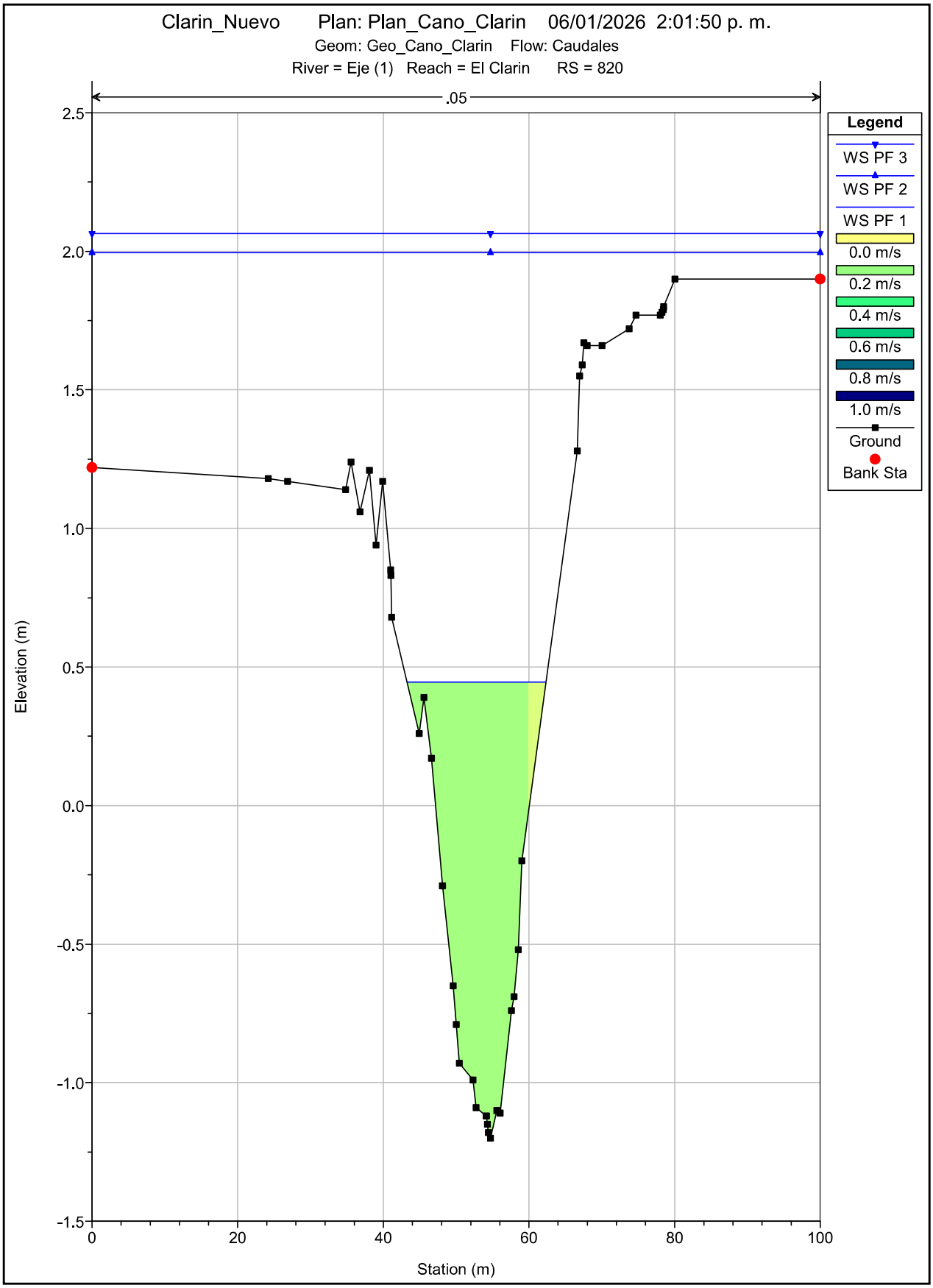

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 920
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

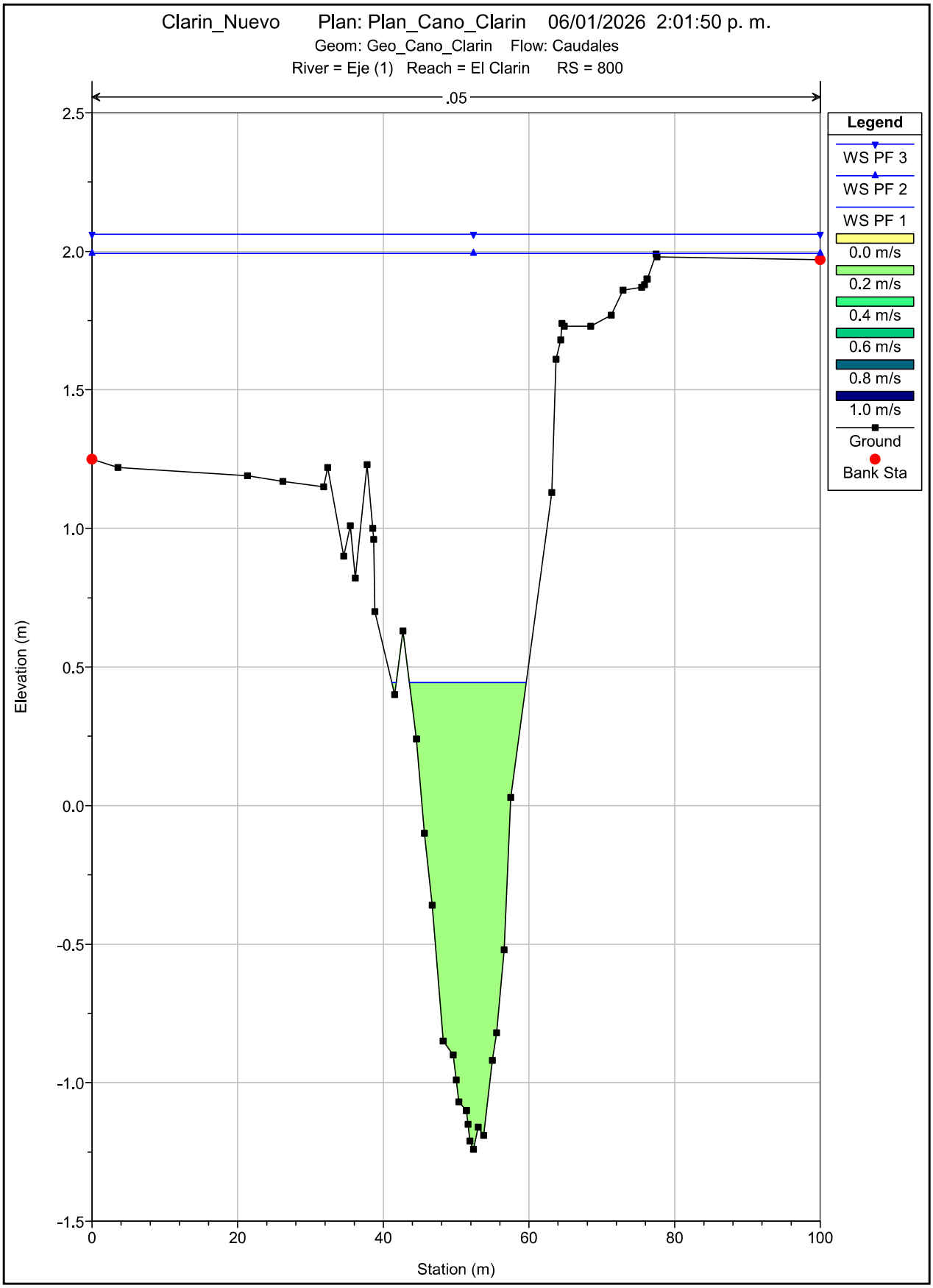

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 900
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

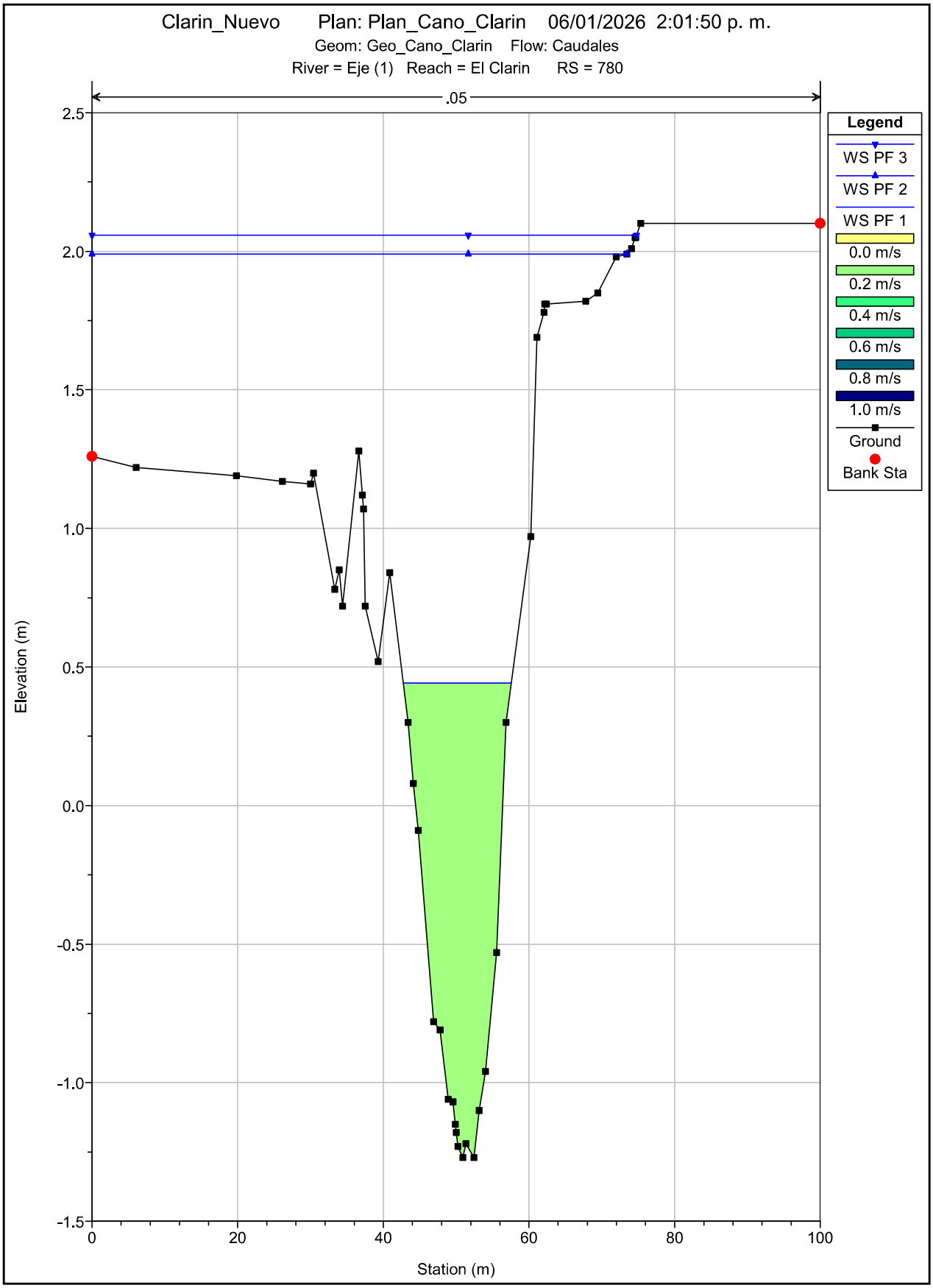

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 880
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

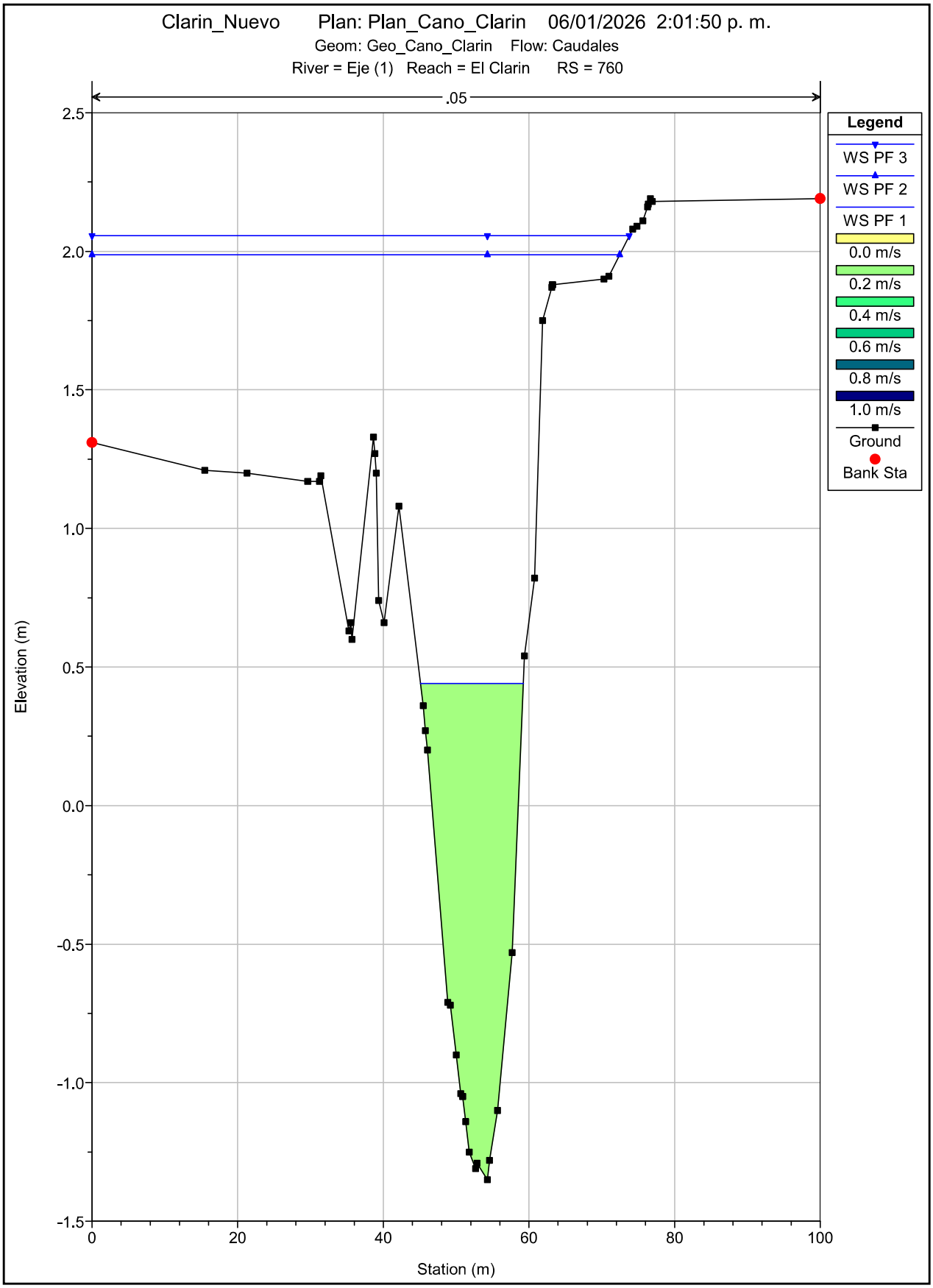

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 860
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

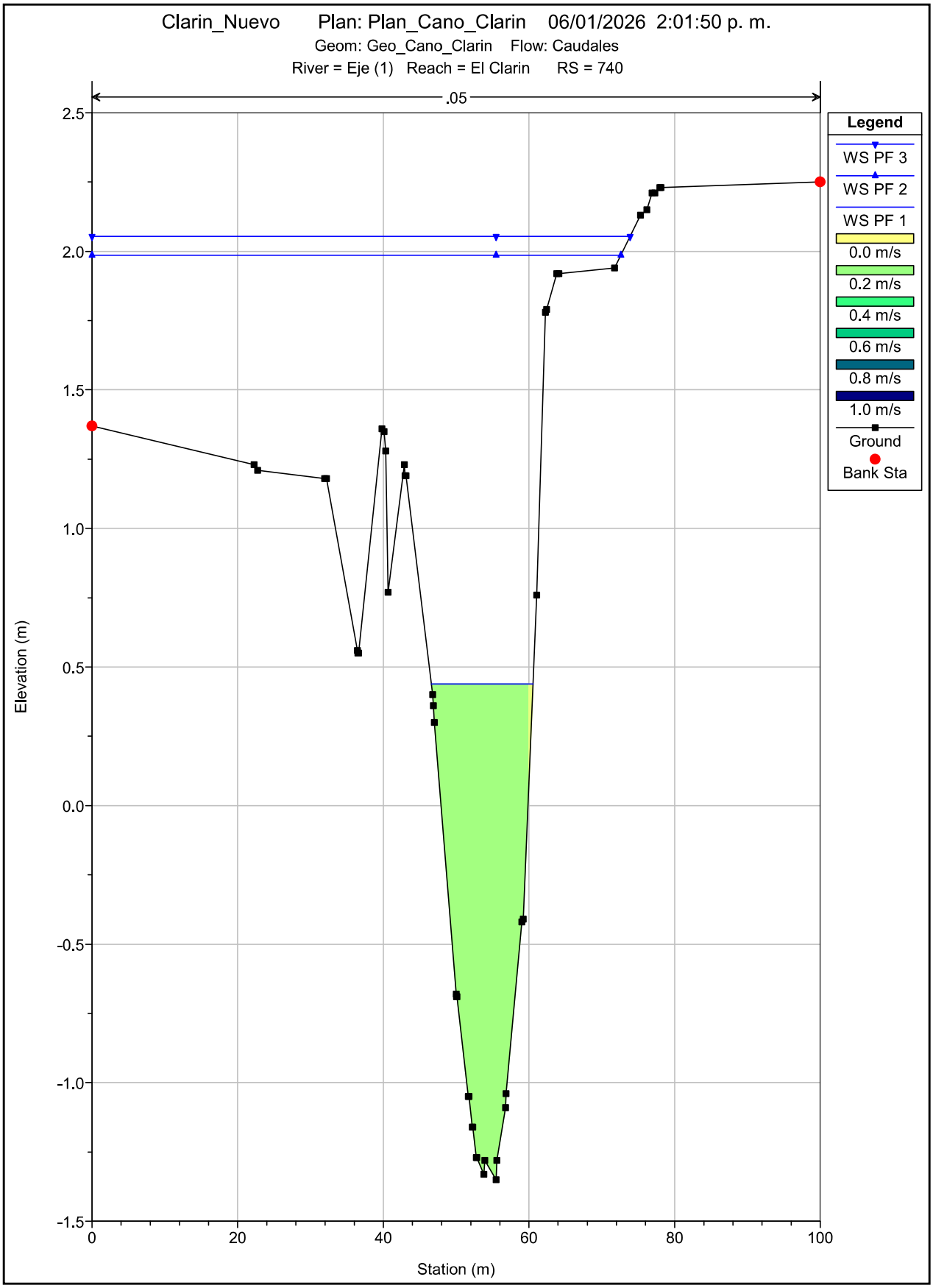

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 840
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

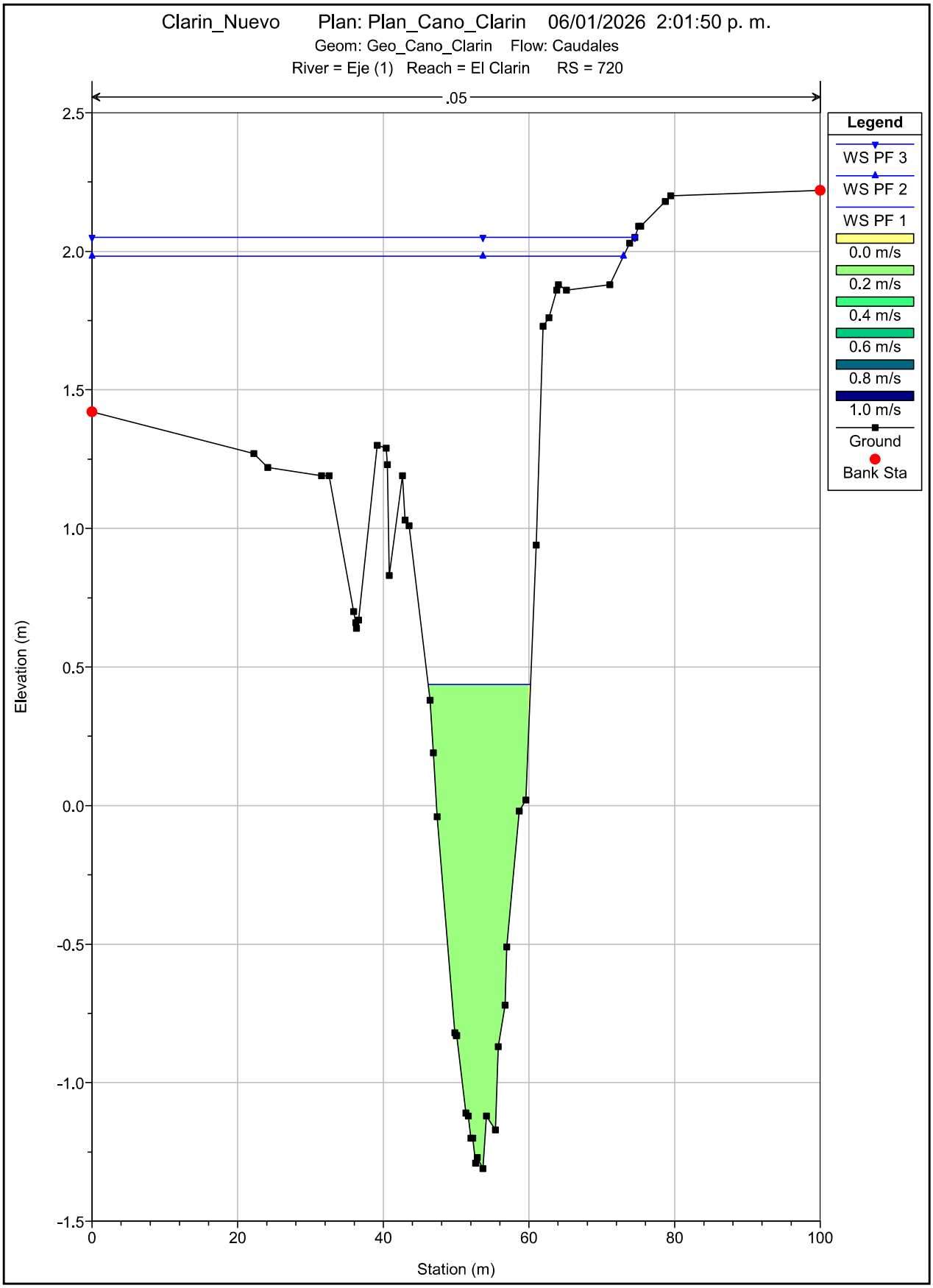

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 820
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

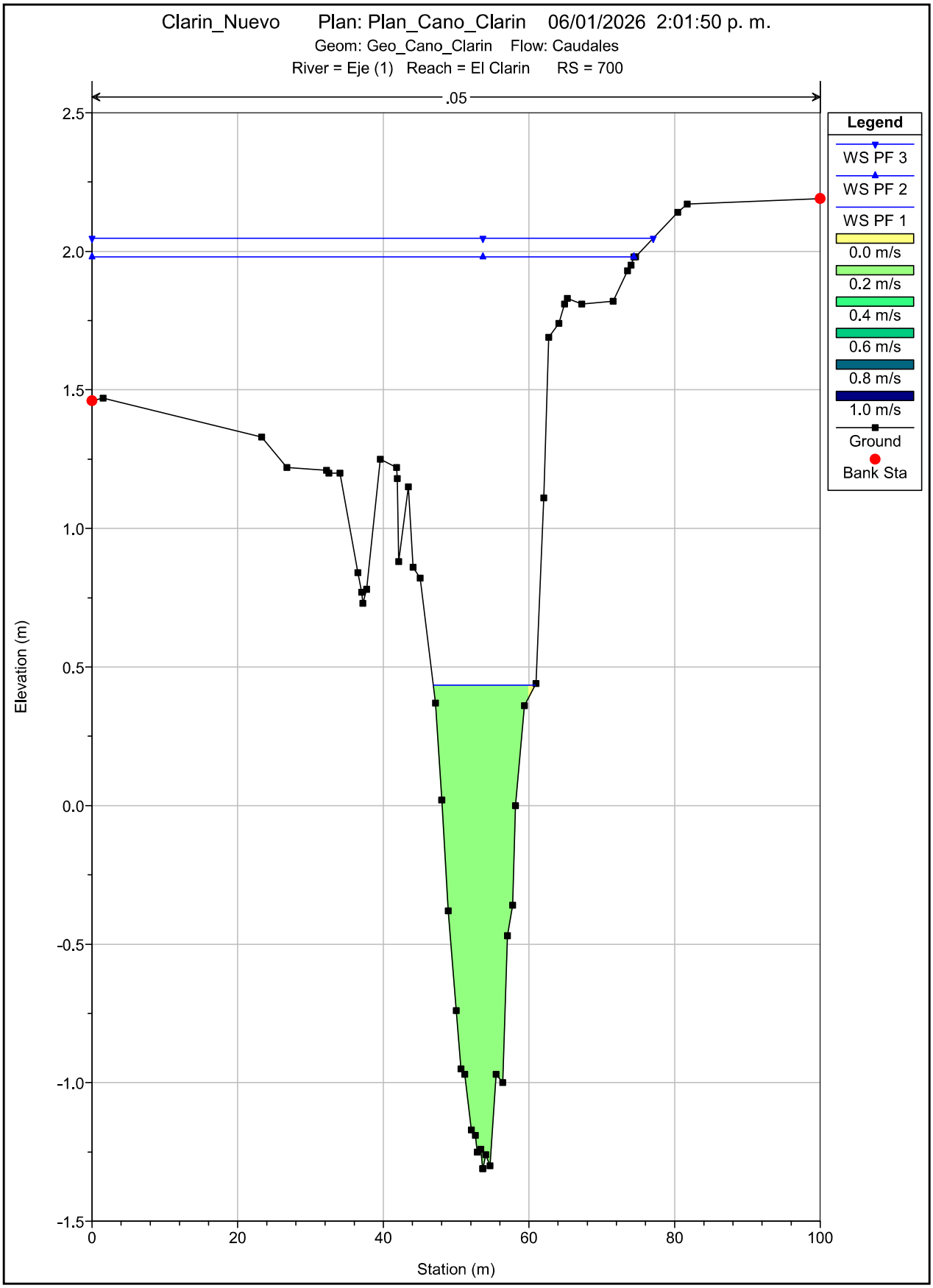

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 800
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

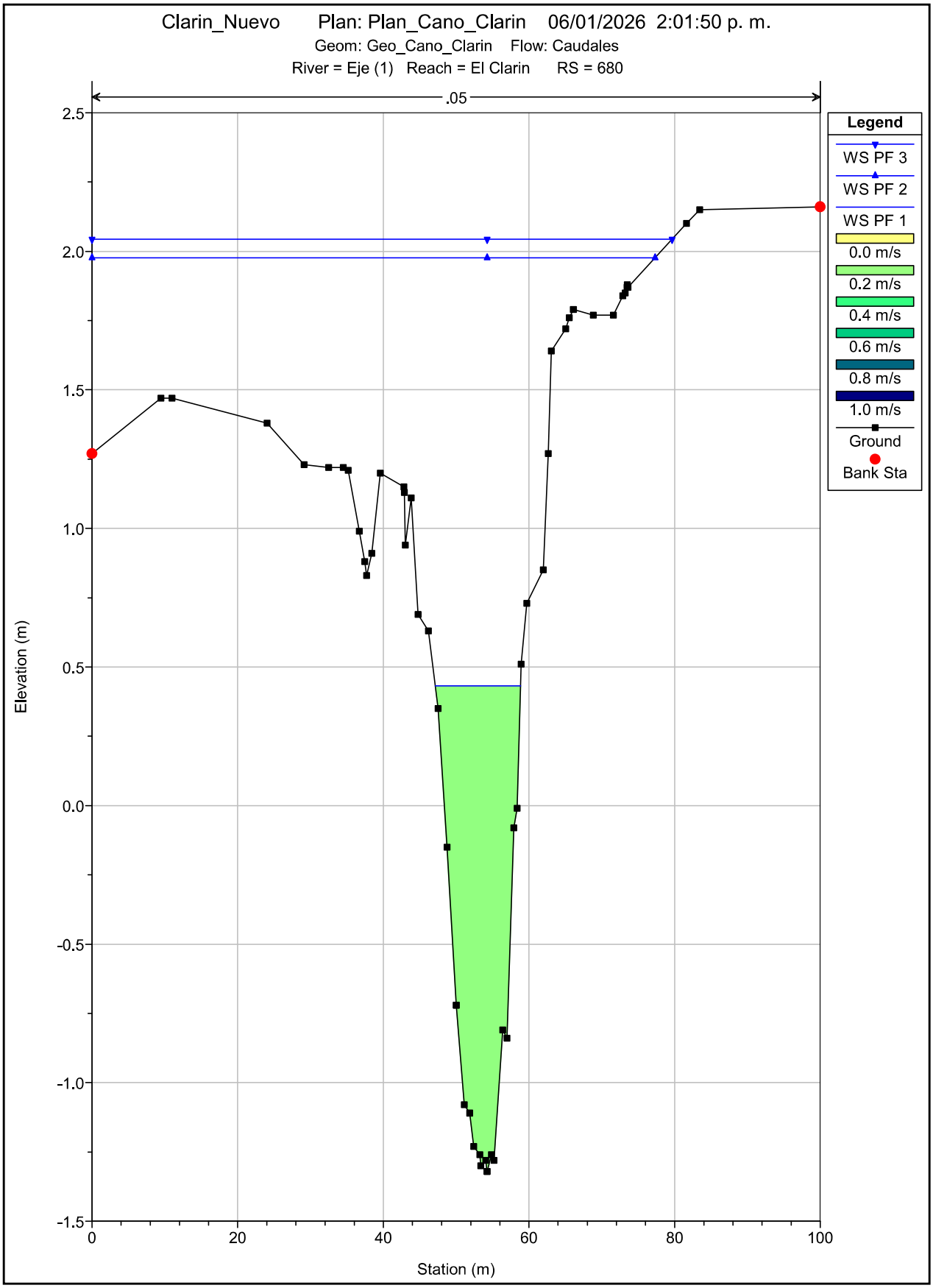

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 780
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

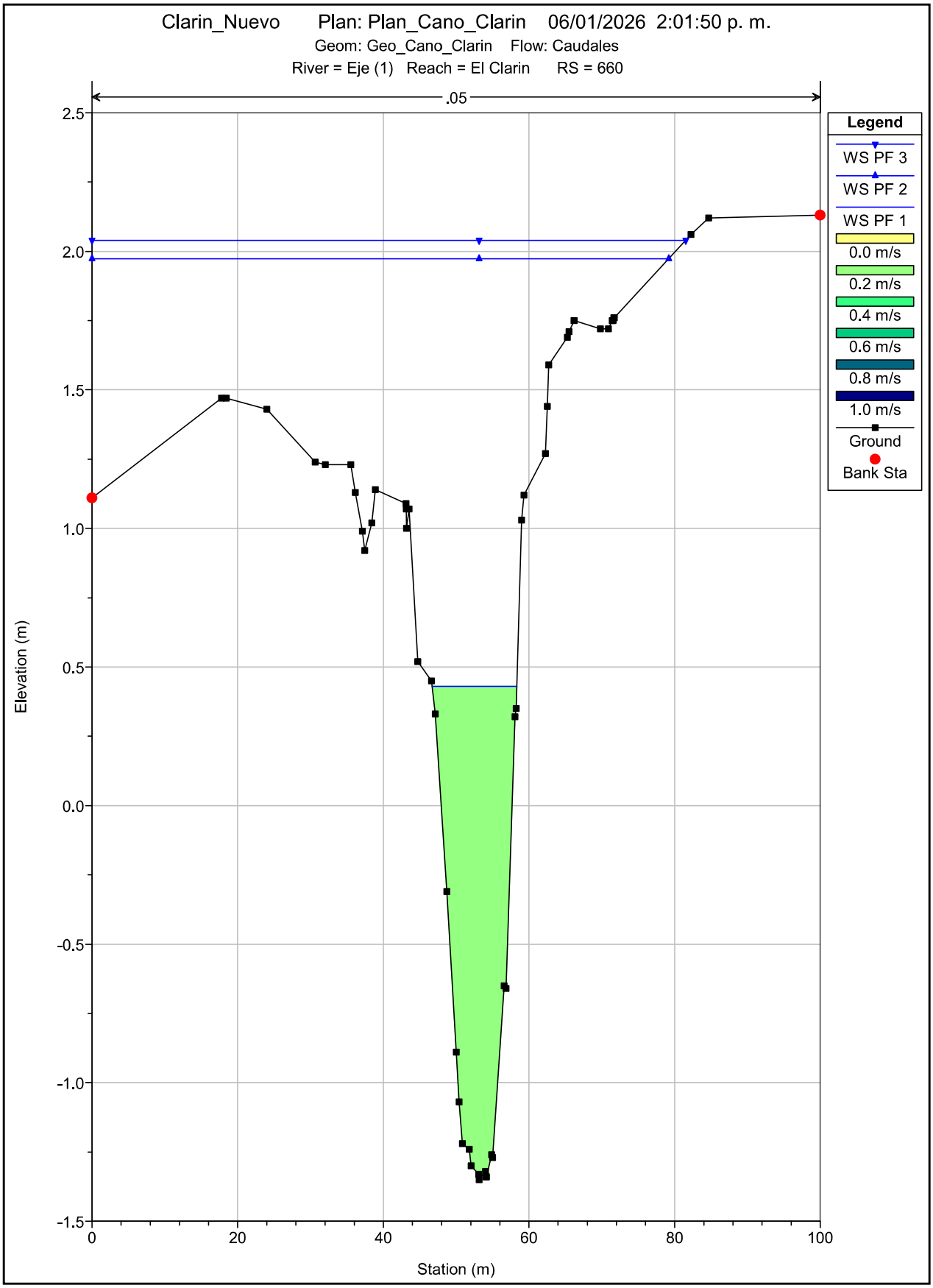

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 760
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

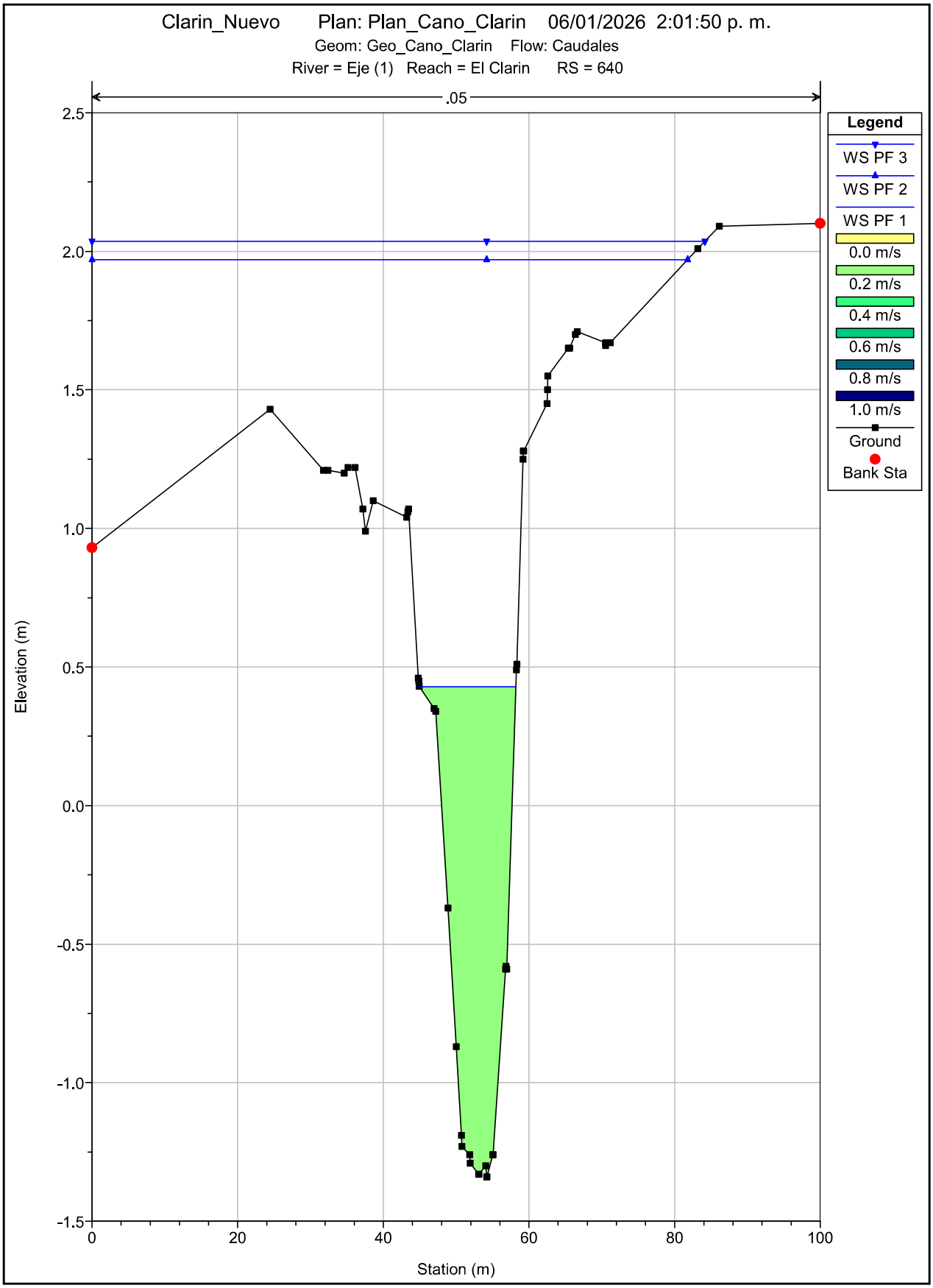

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 740
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

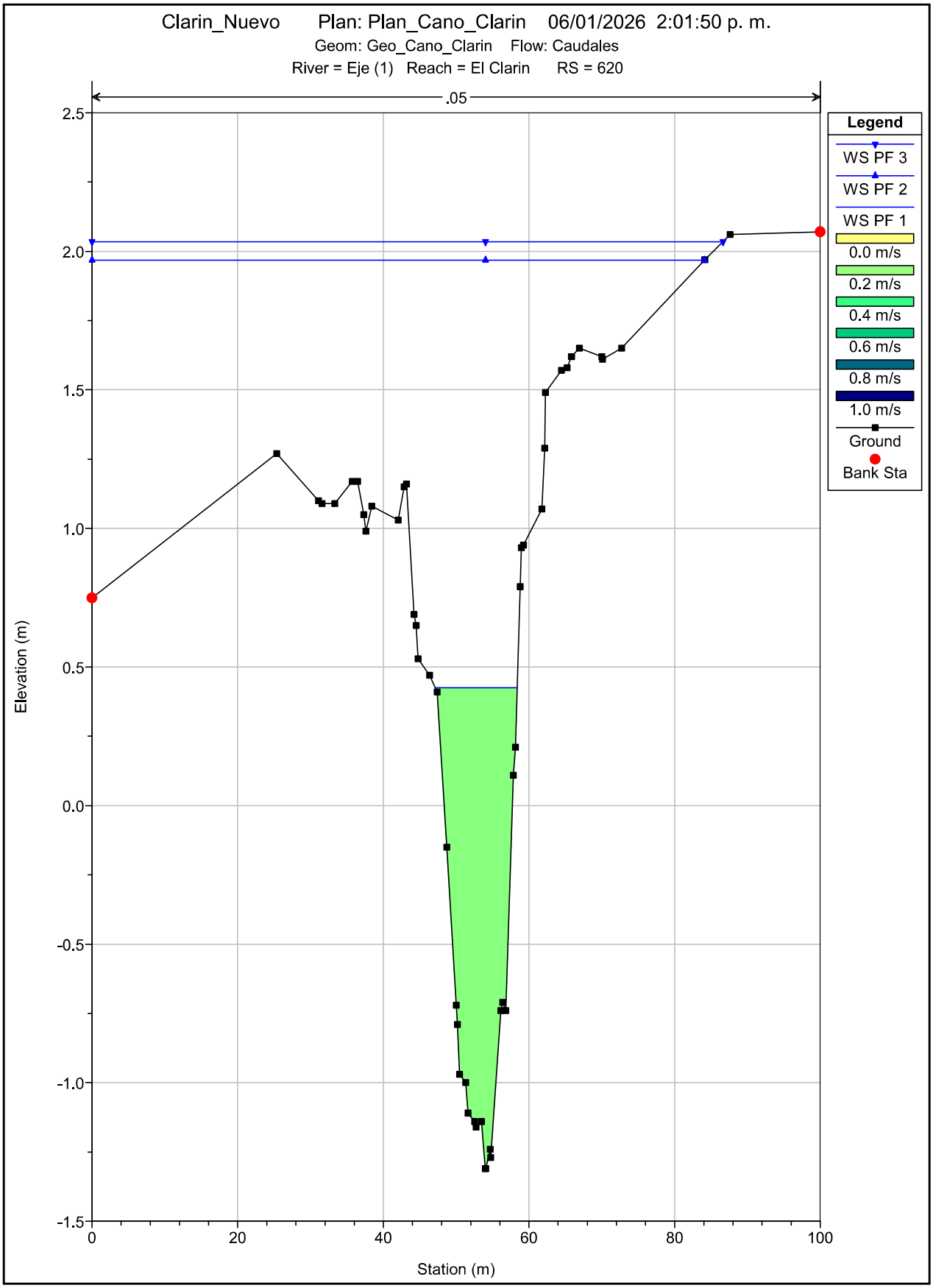

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 720
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

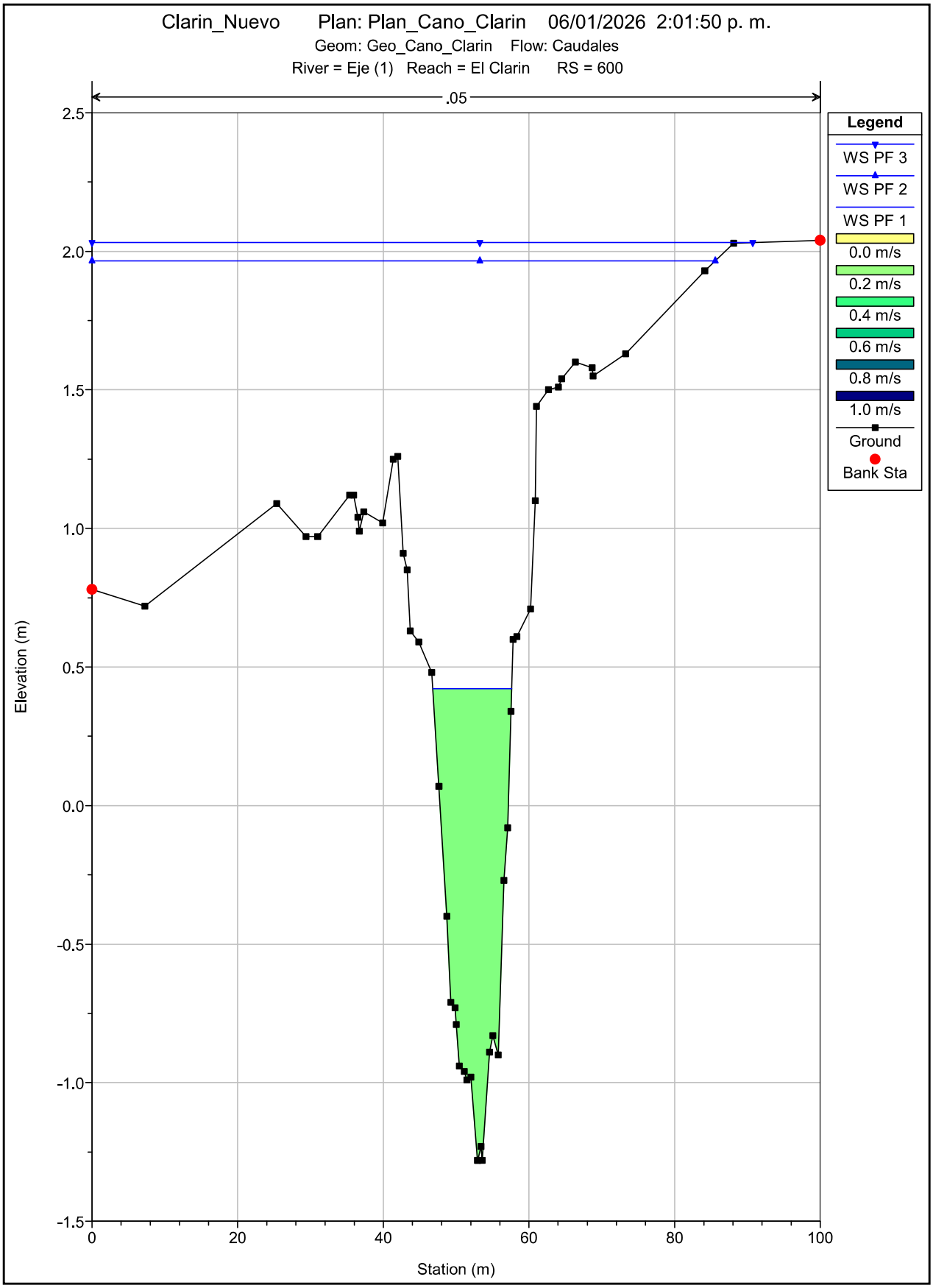

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 700
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

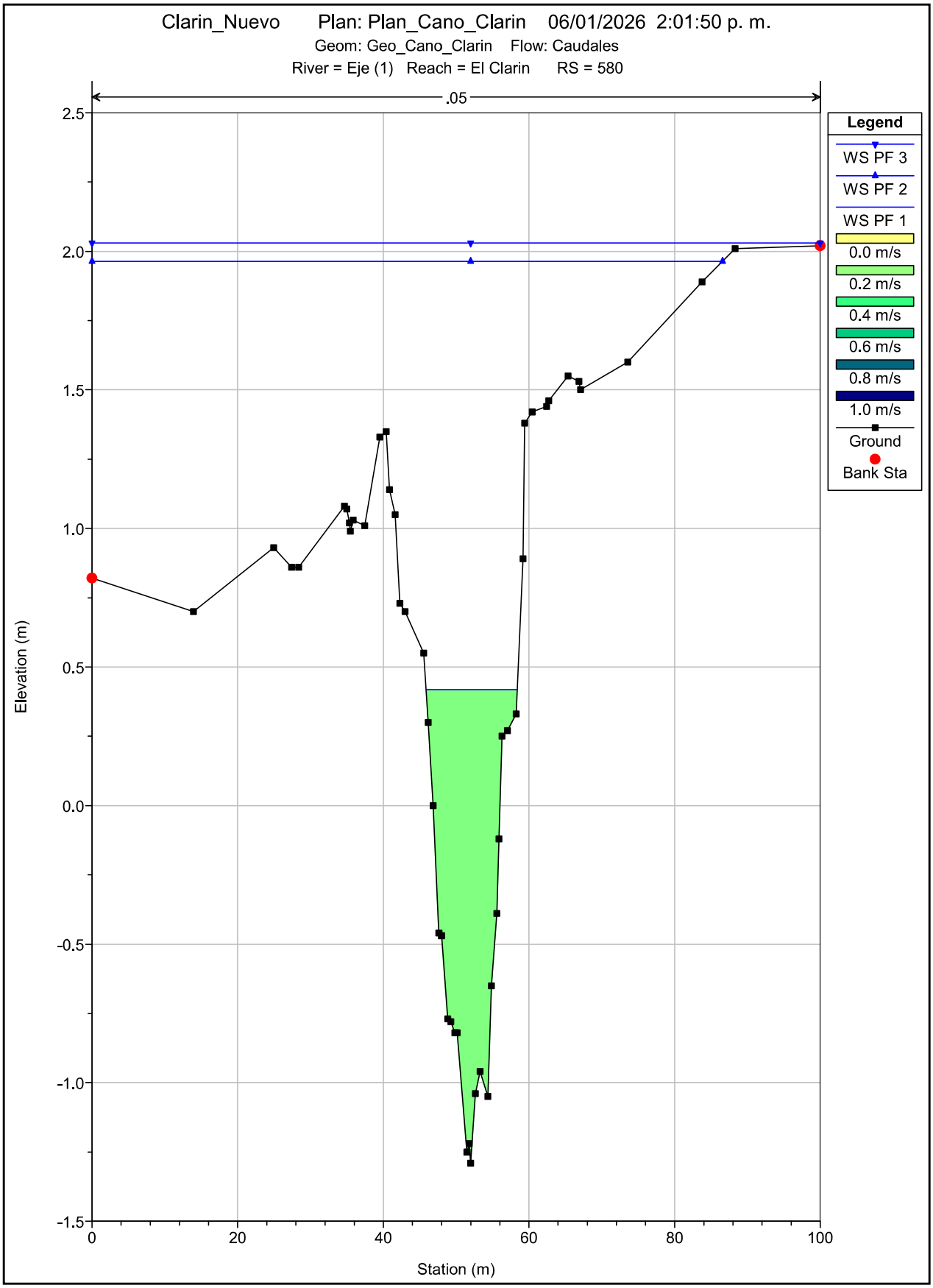

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 680
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

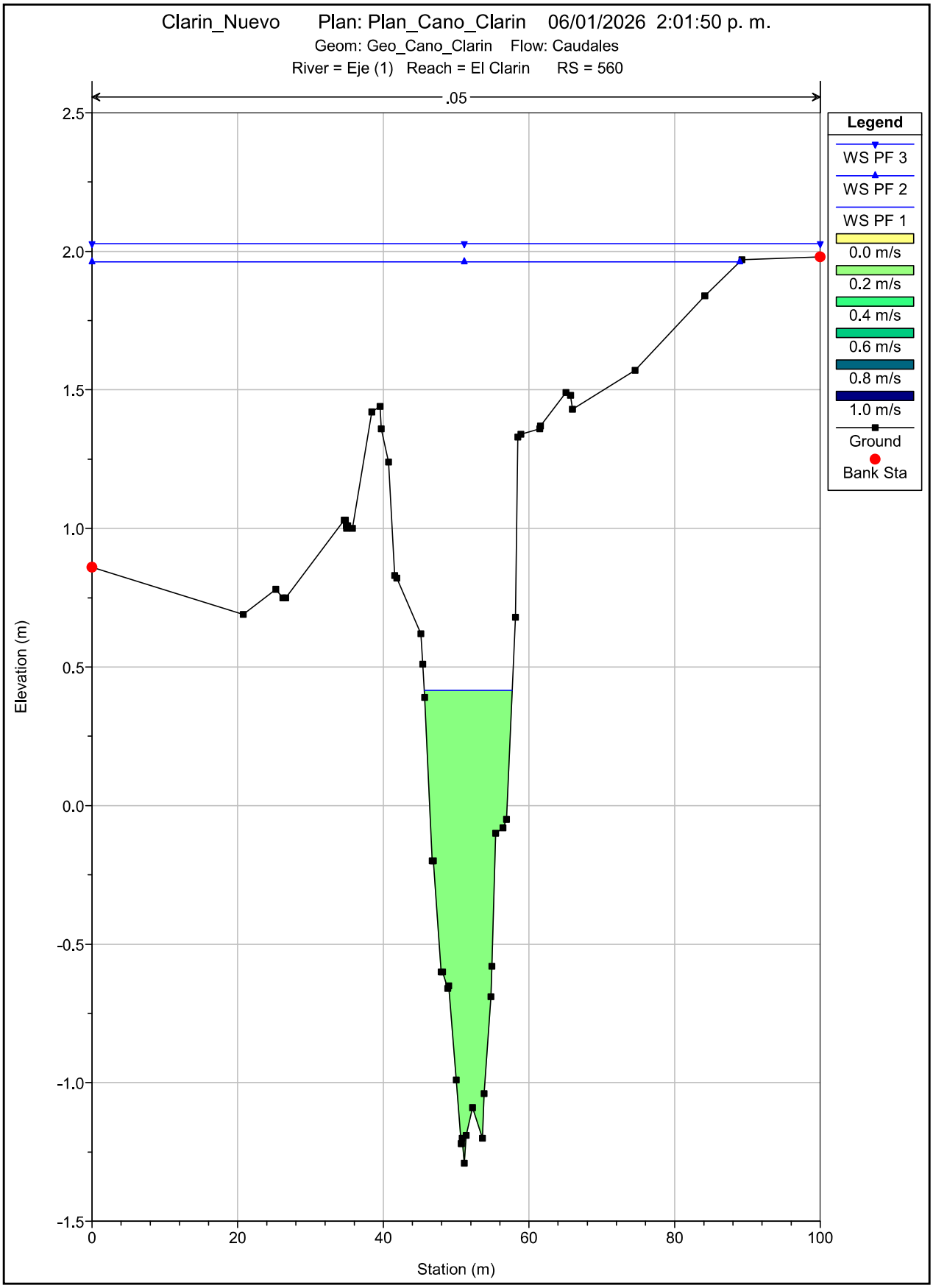

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 660
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

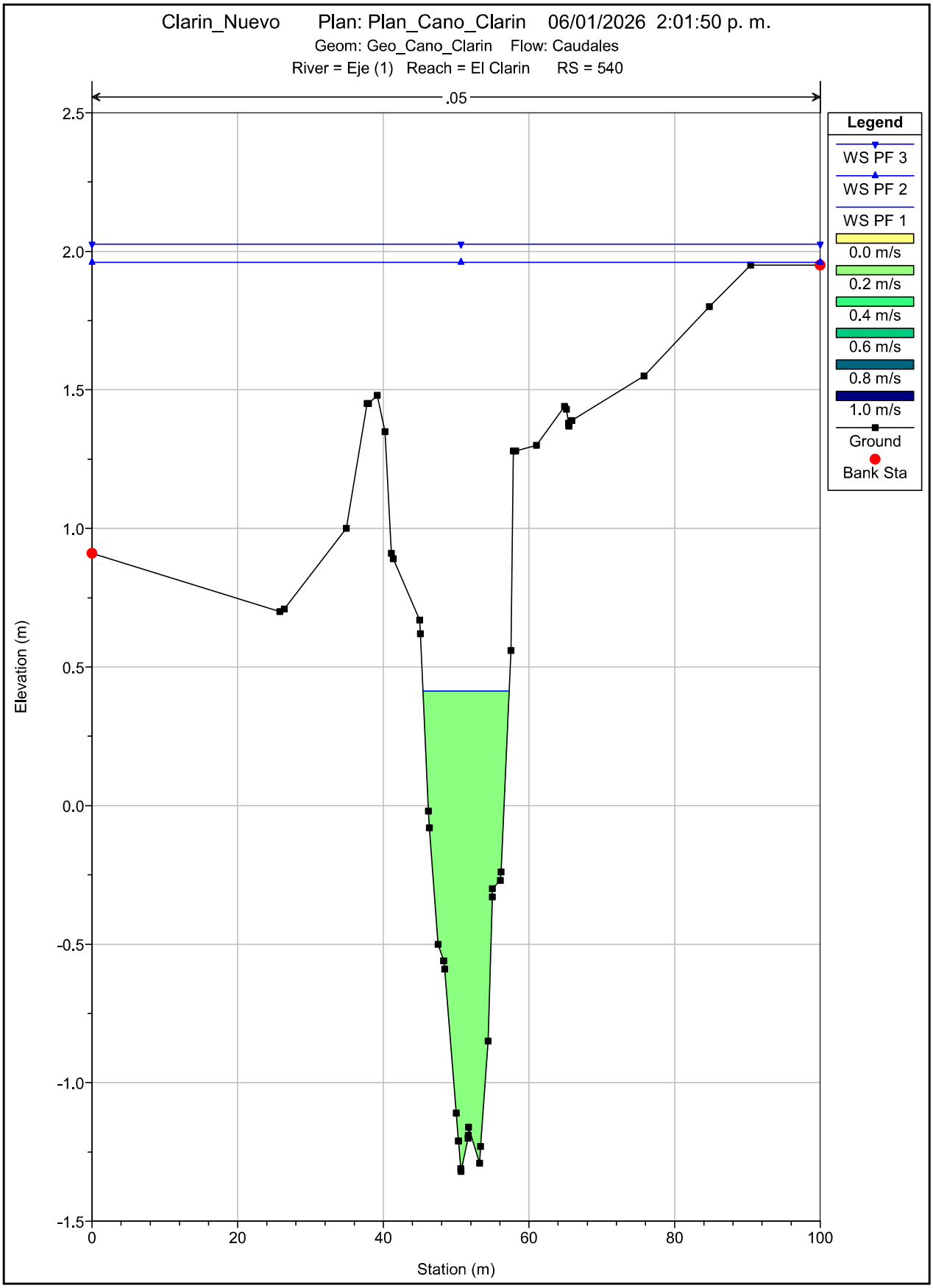

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 640
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

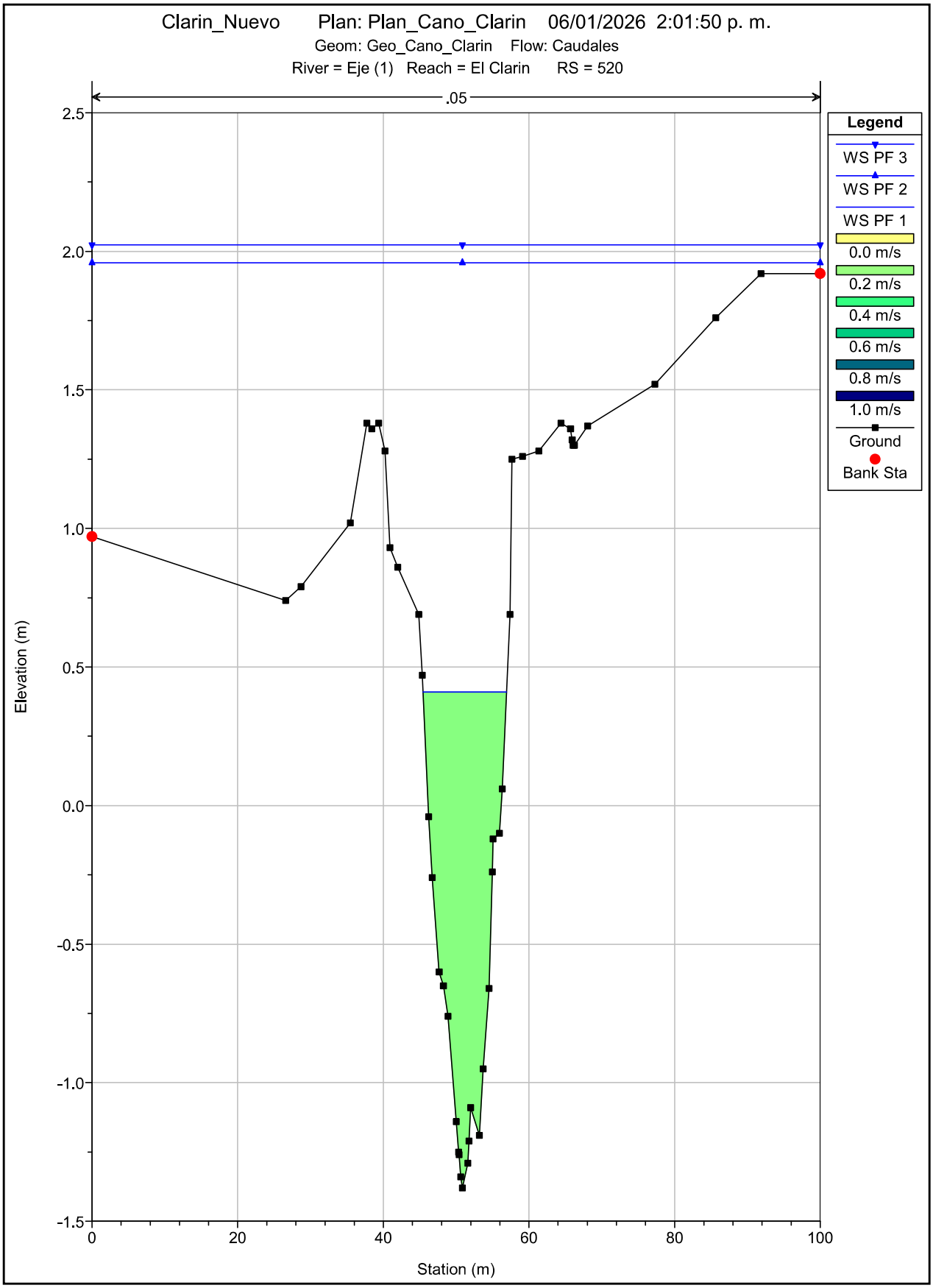

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 620
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

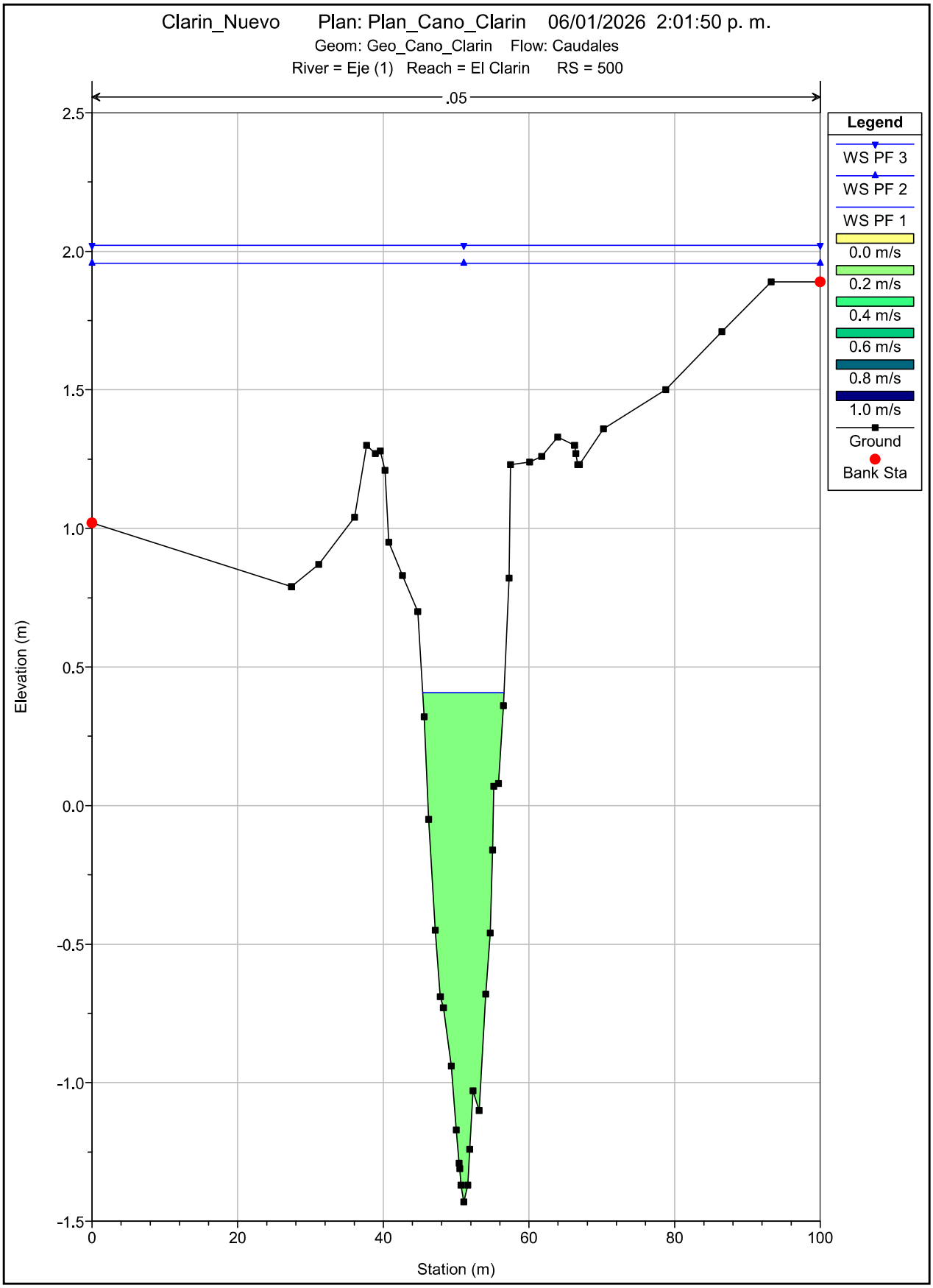

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 600
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

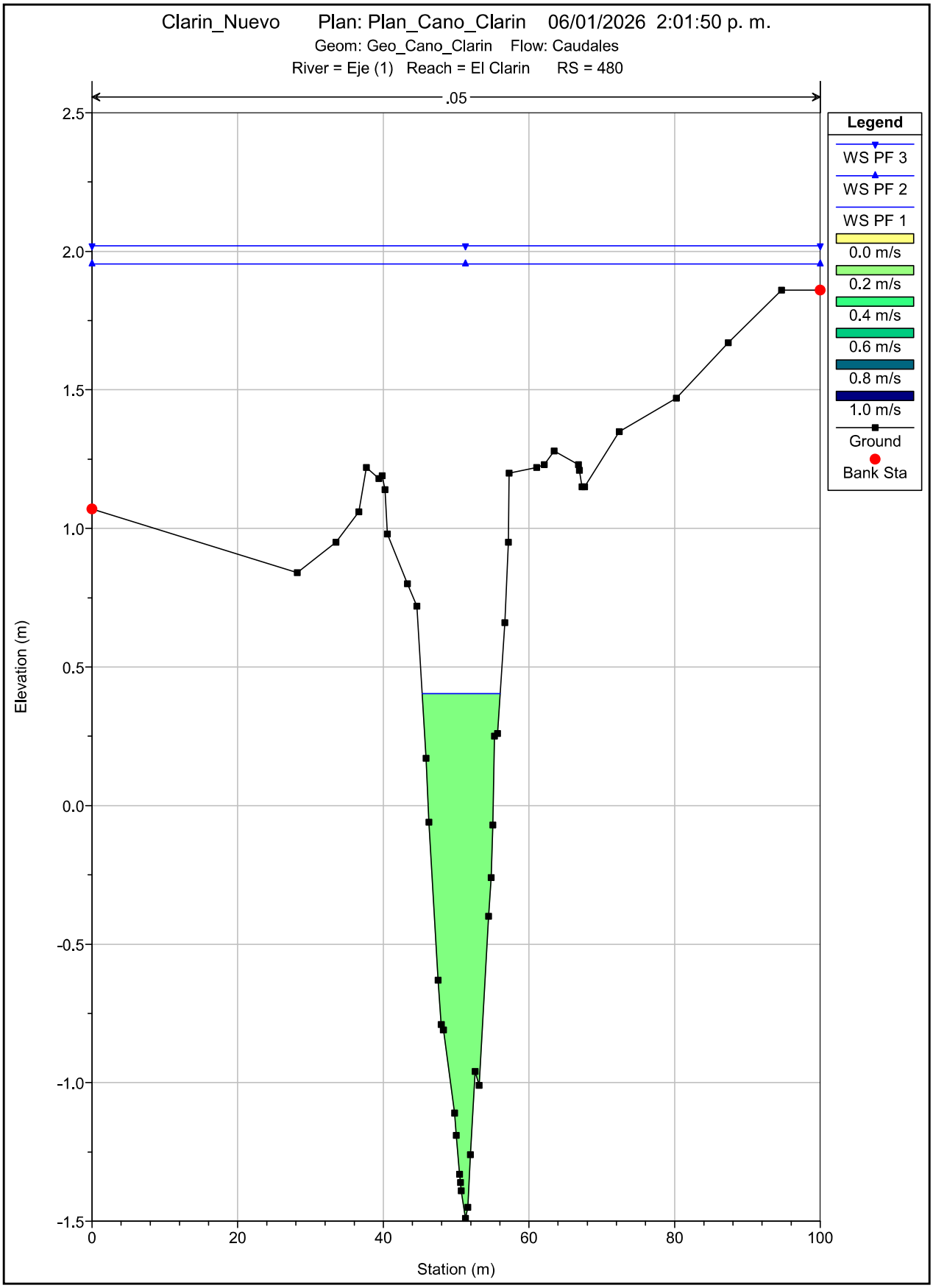

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 580
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

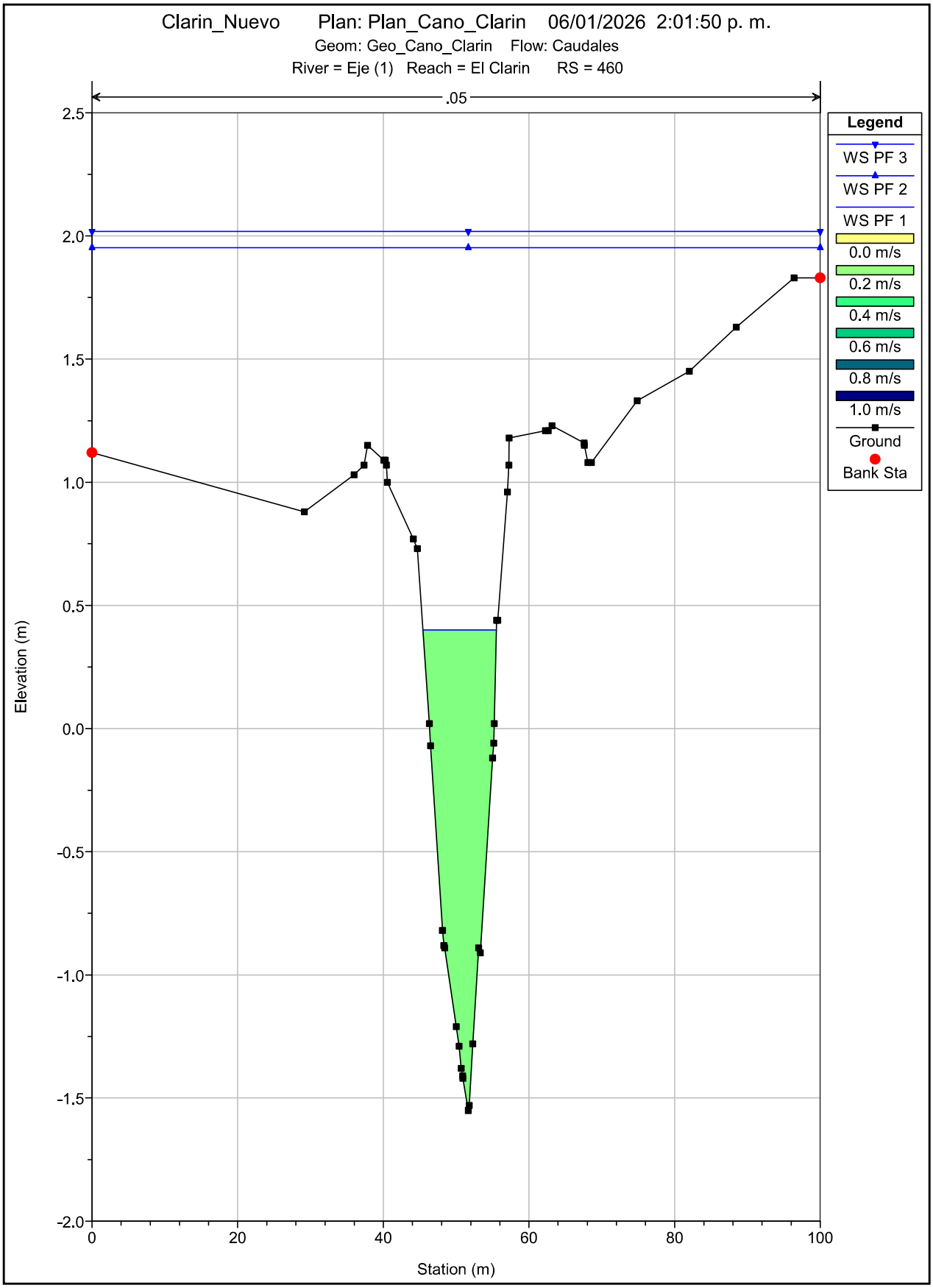

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 560
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

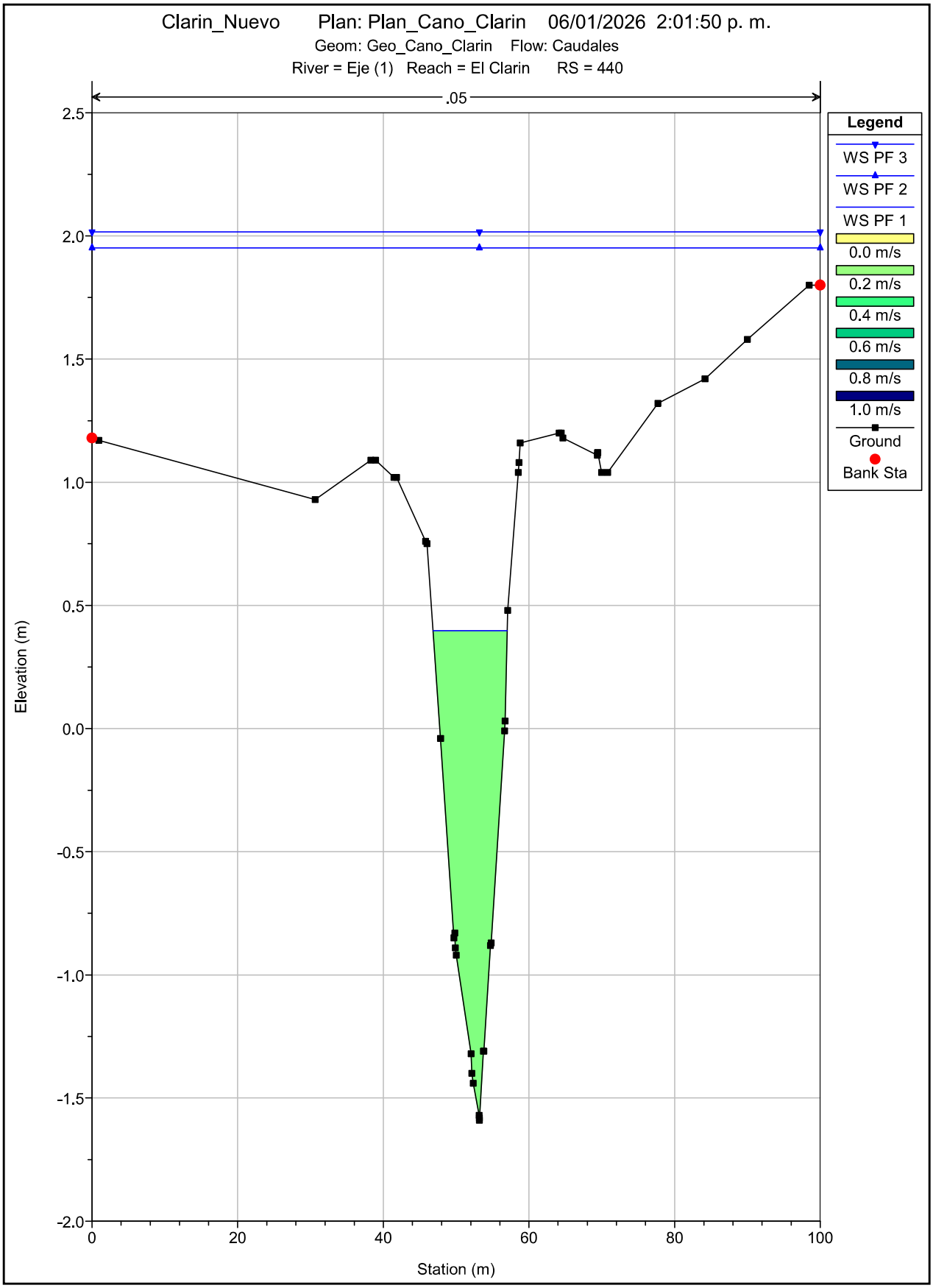

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 540
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

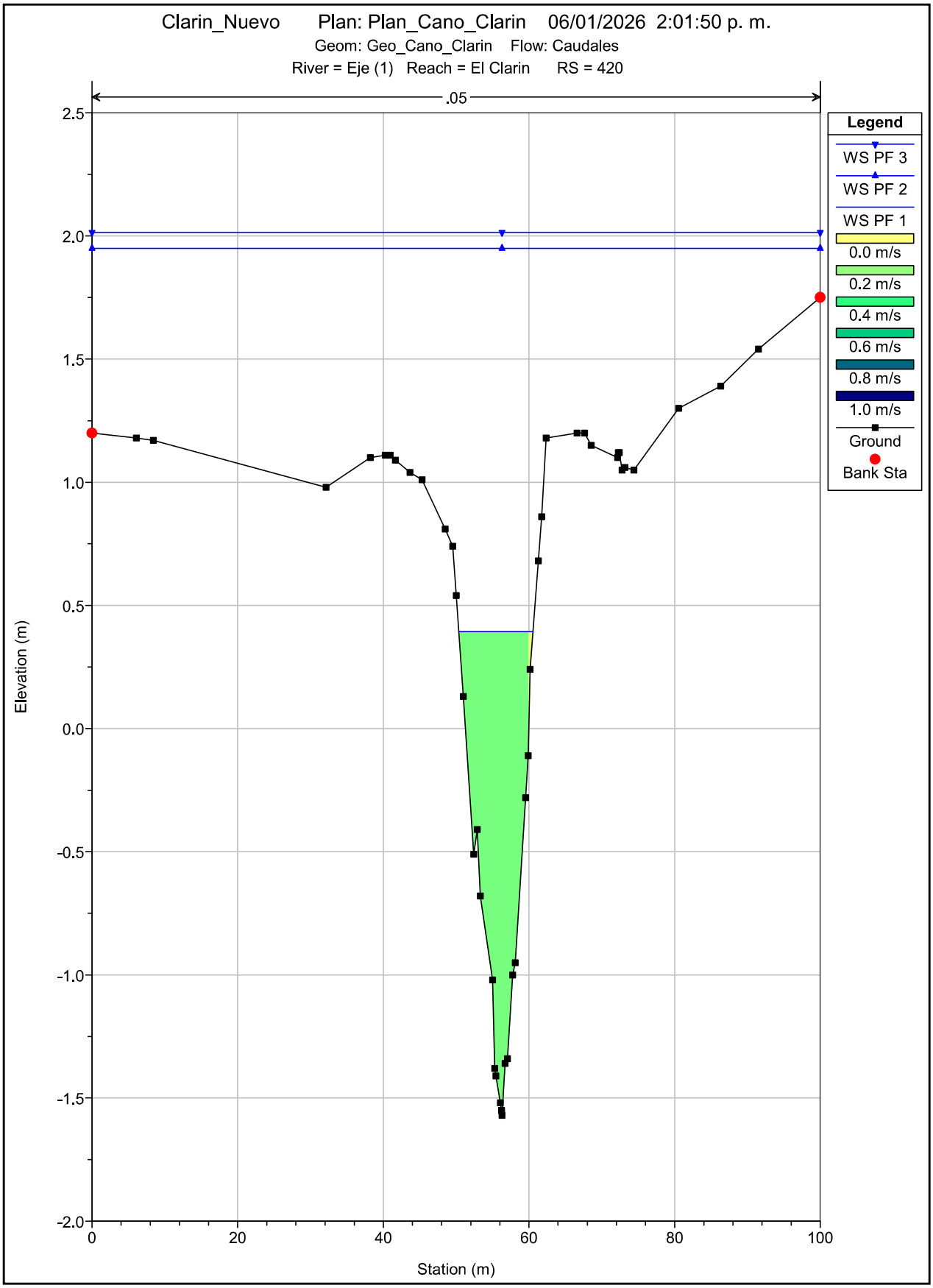

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 520
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

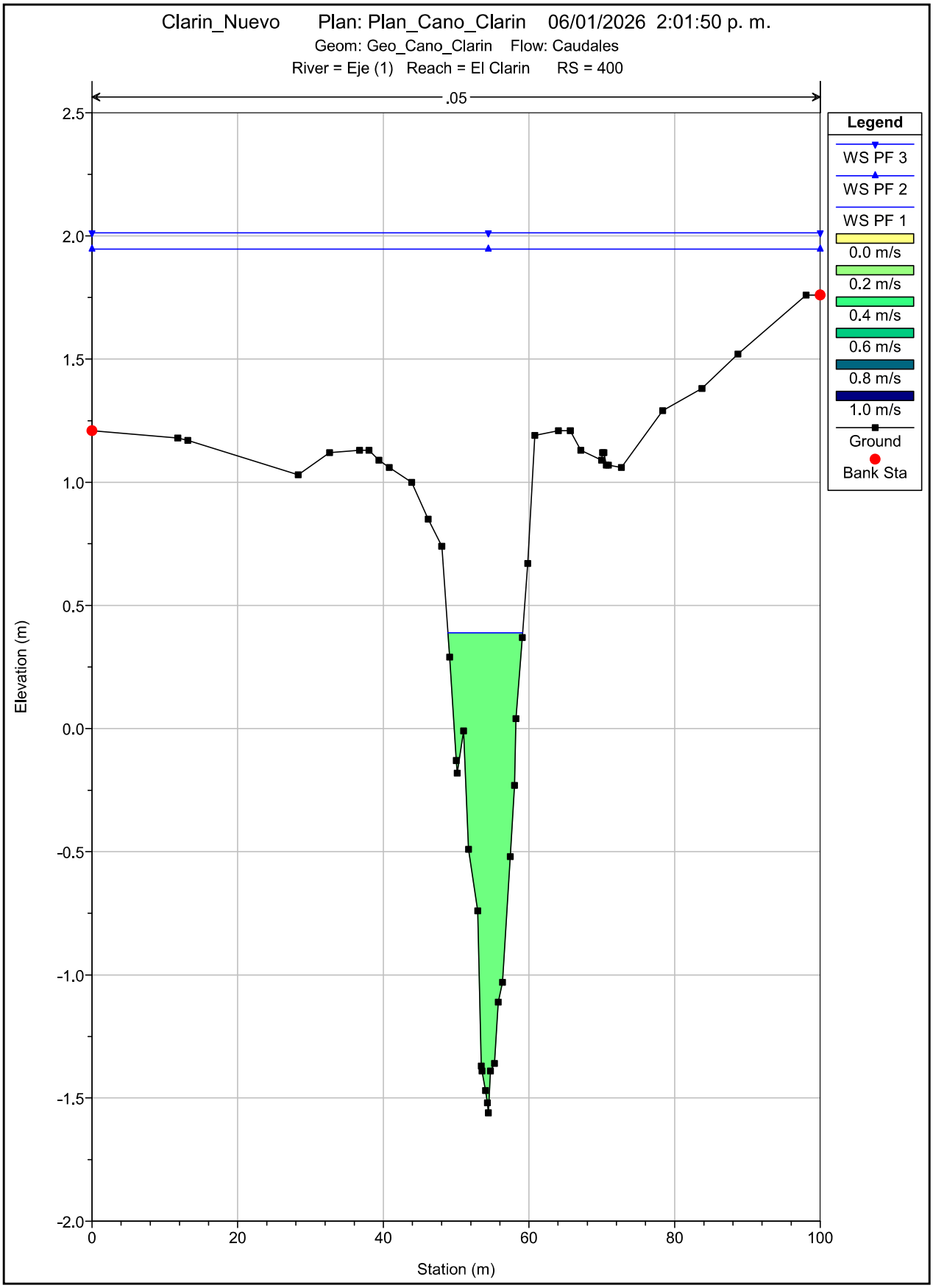

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 500
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

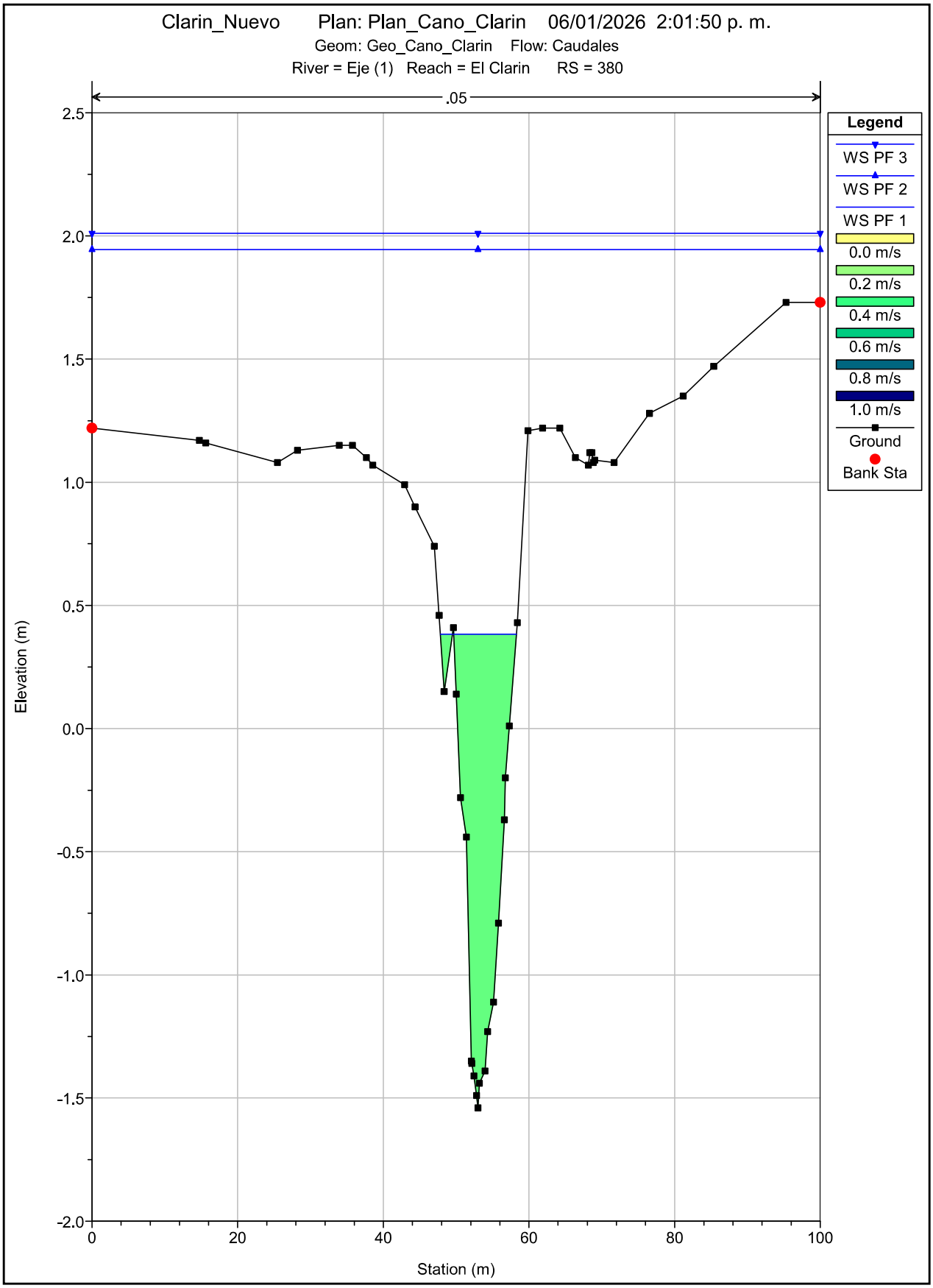

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 480
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

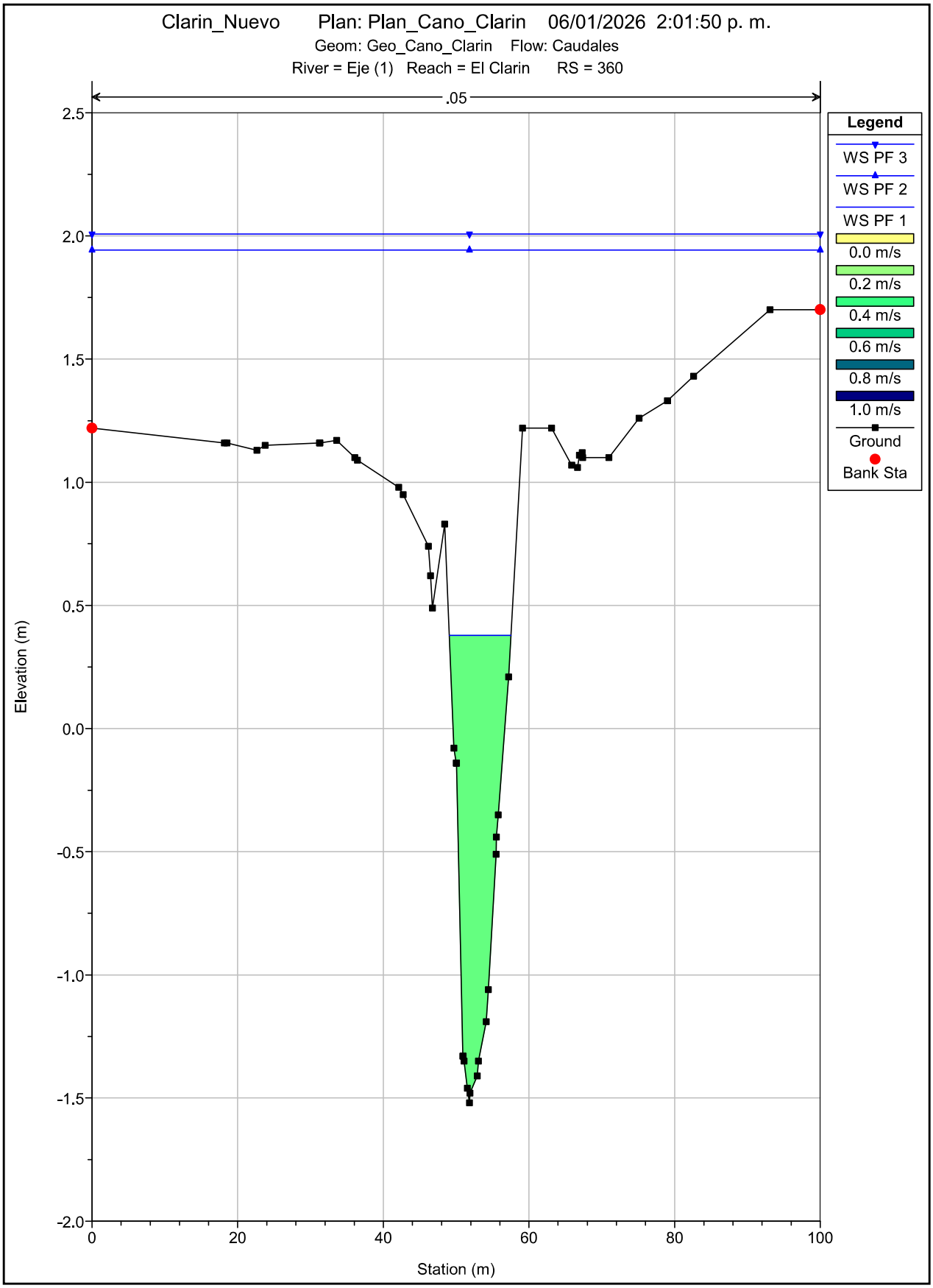

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 460
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

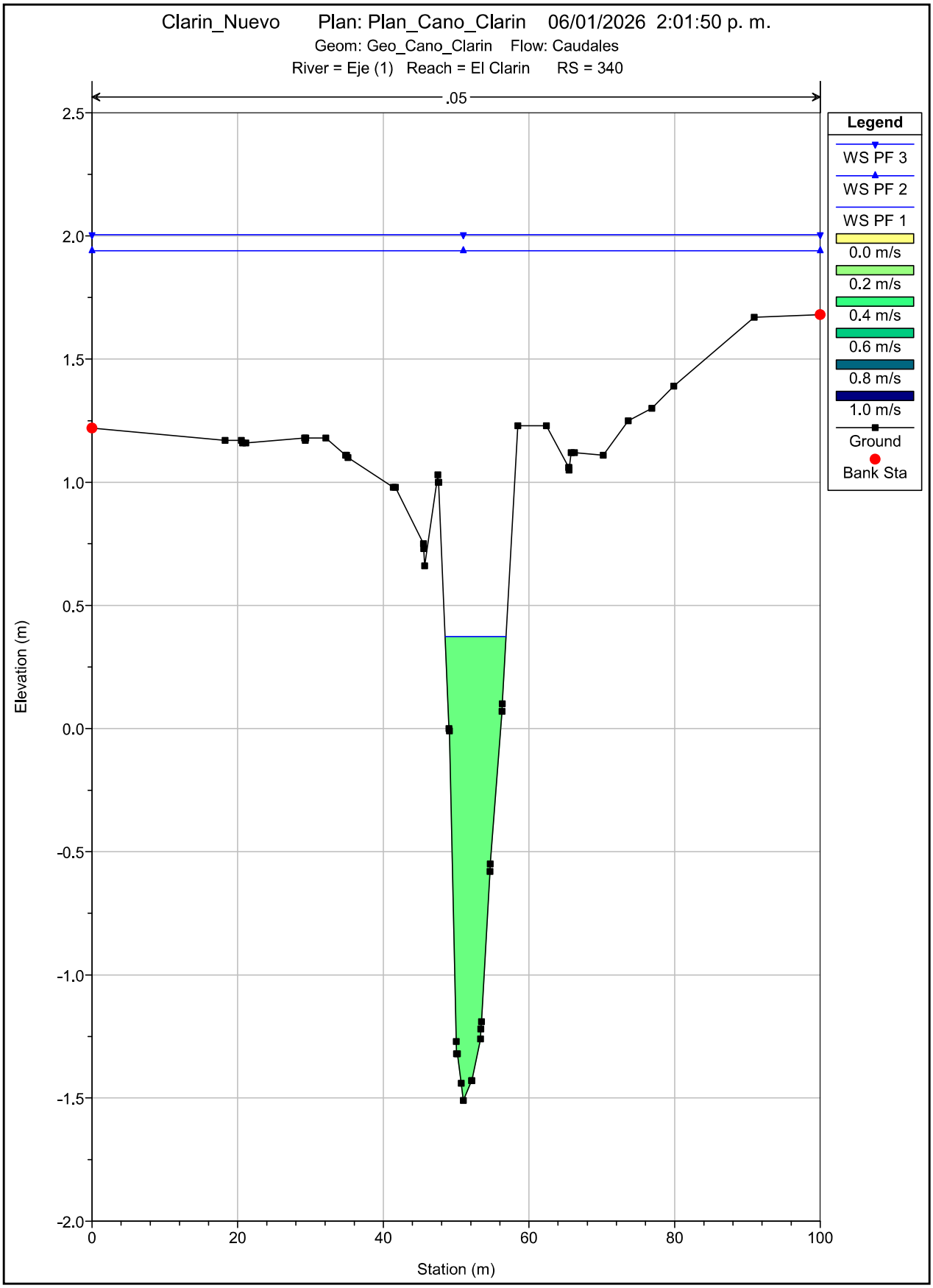

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 440
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

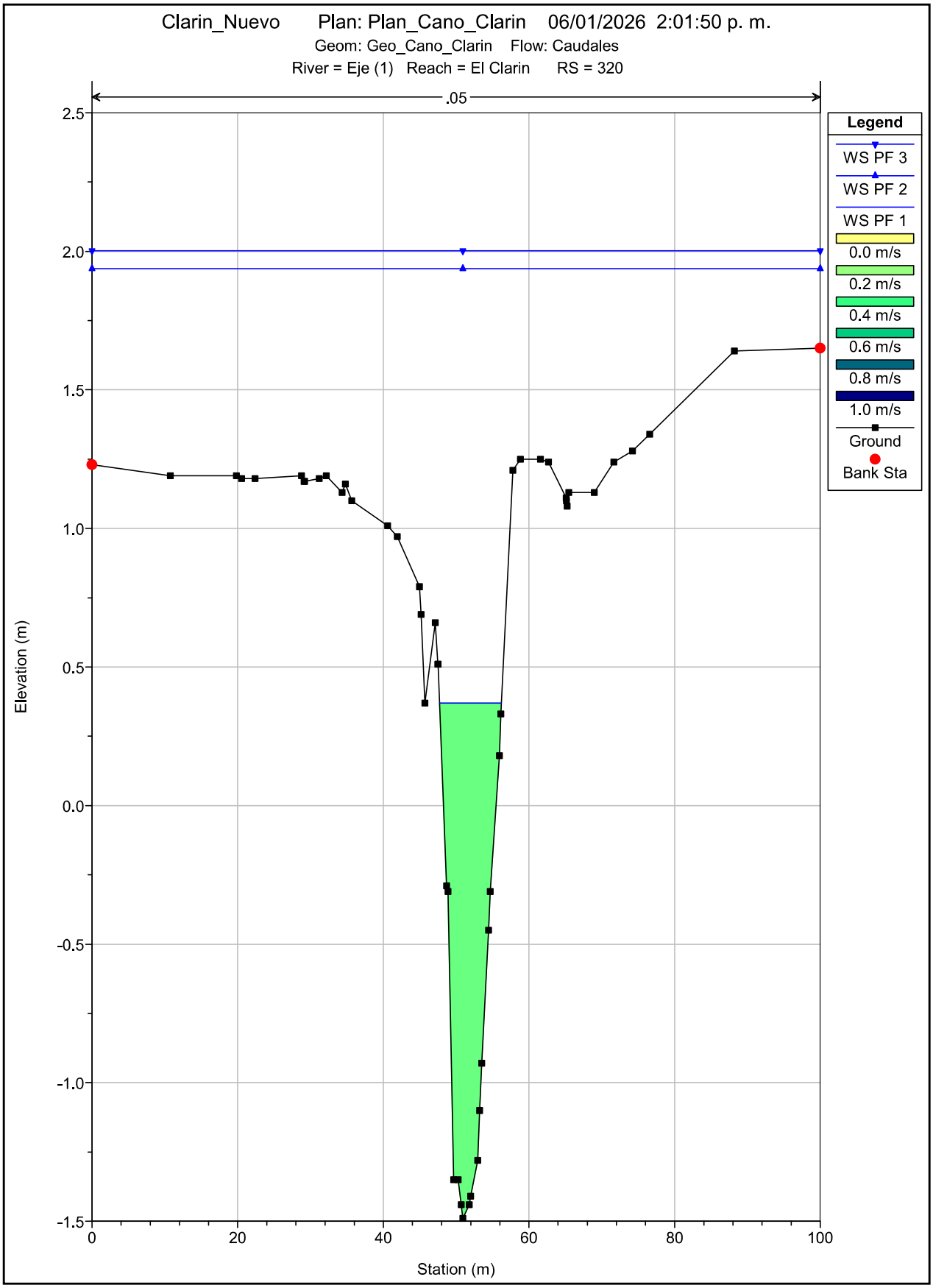

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 420
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

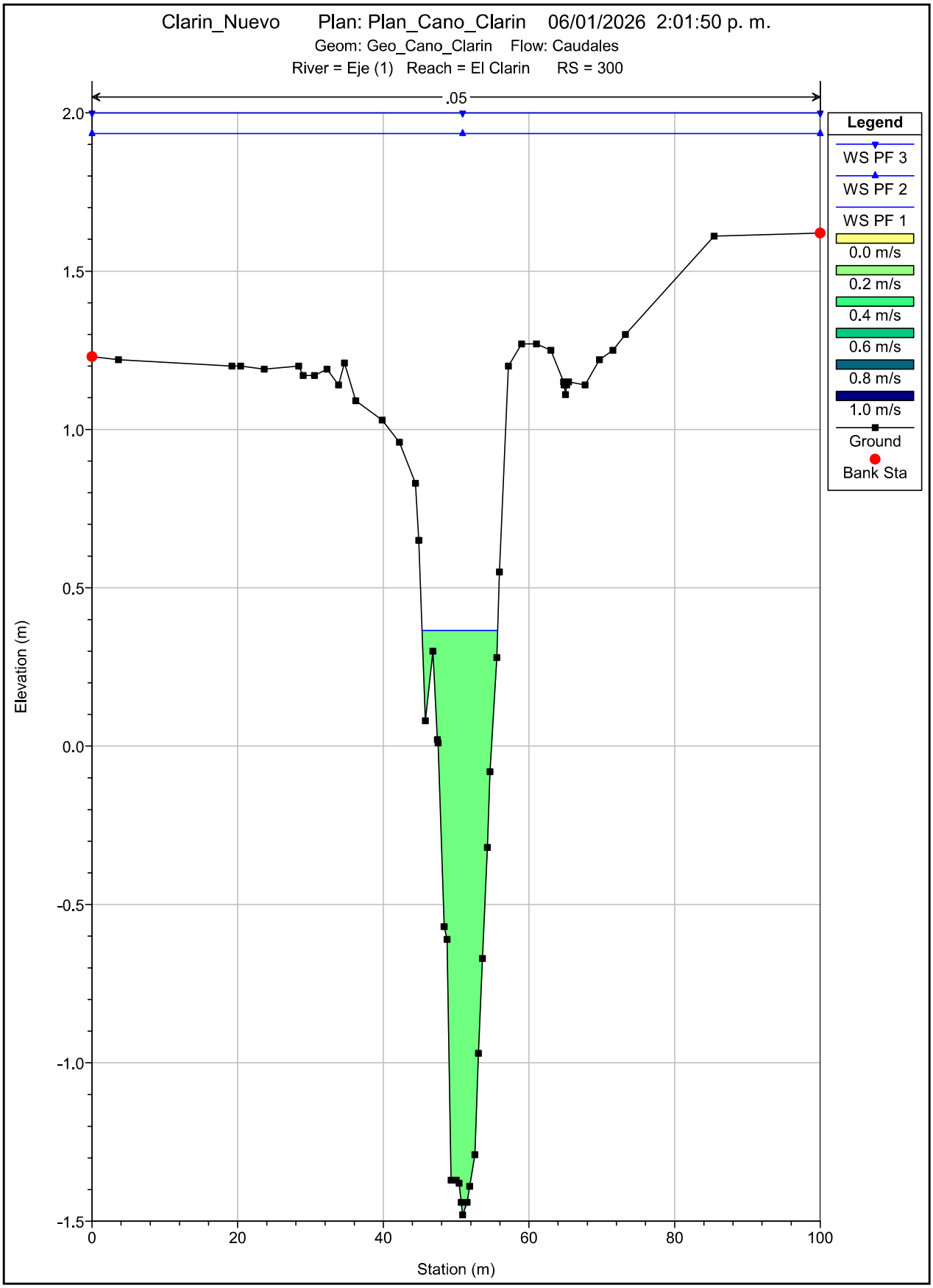

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 400
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

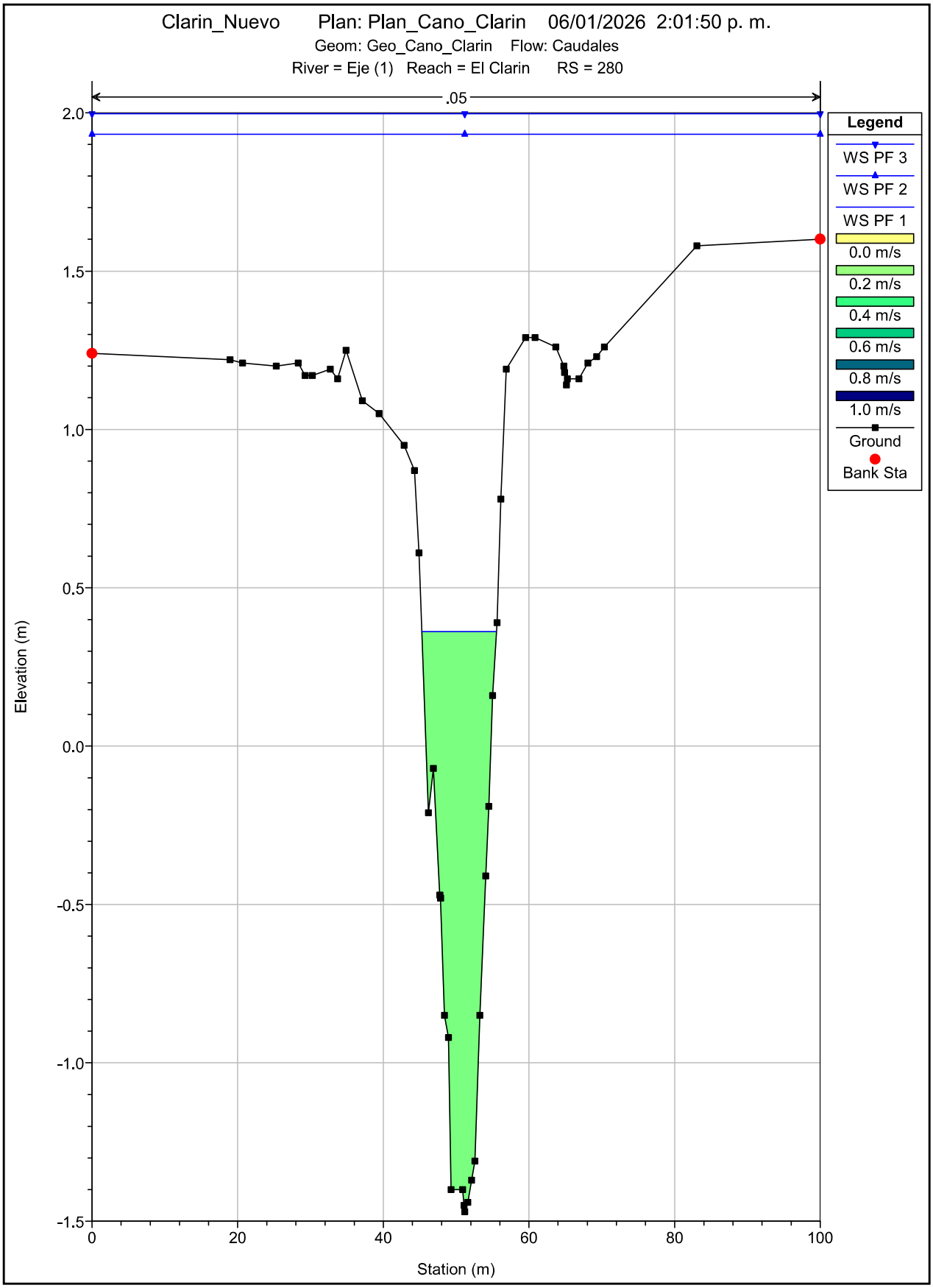

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 380
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

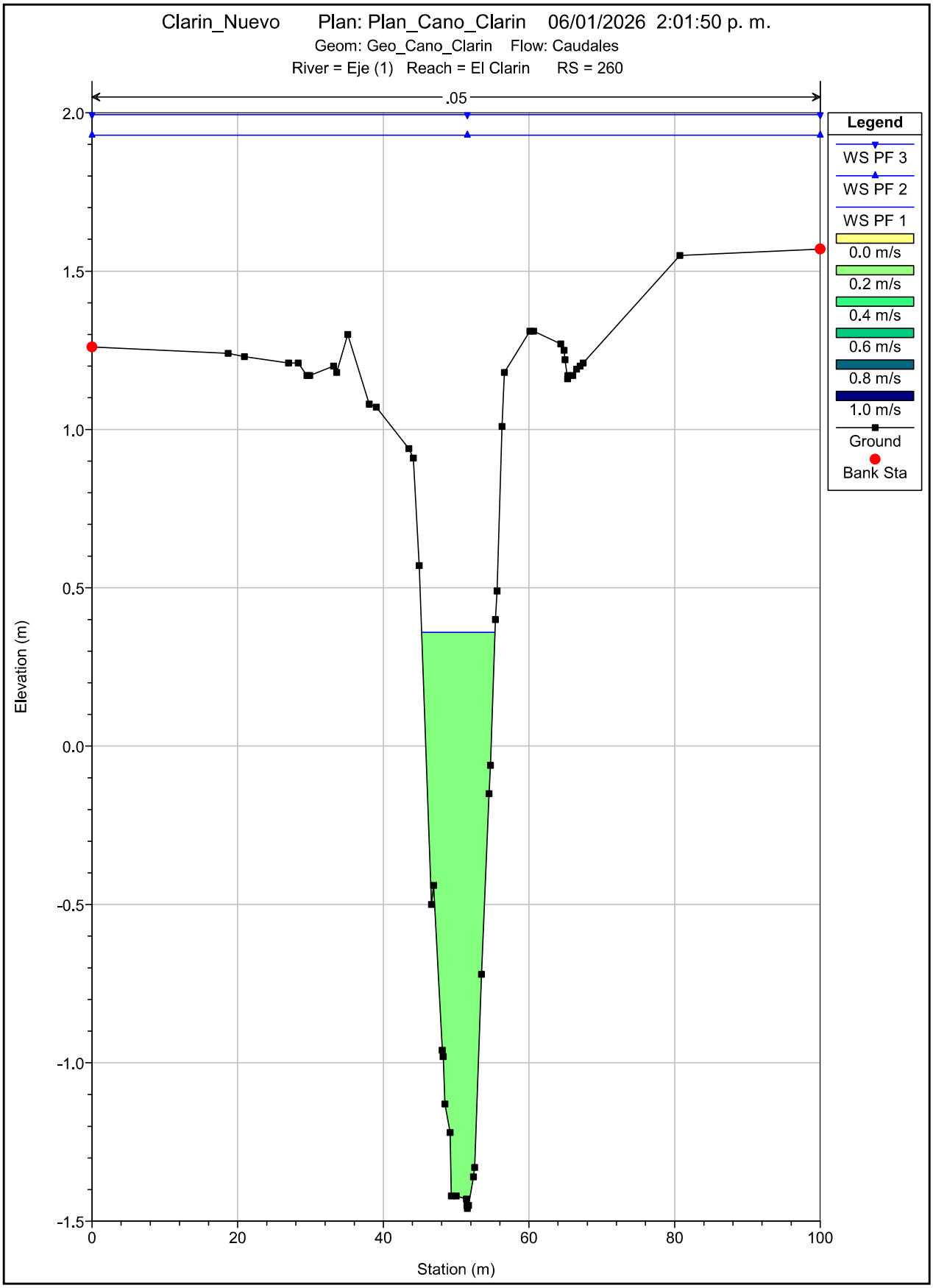

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 360
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

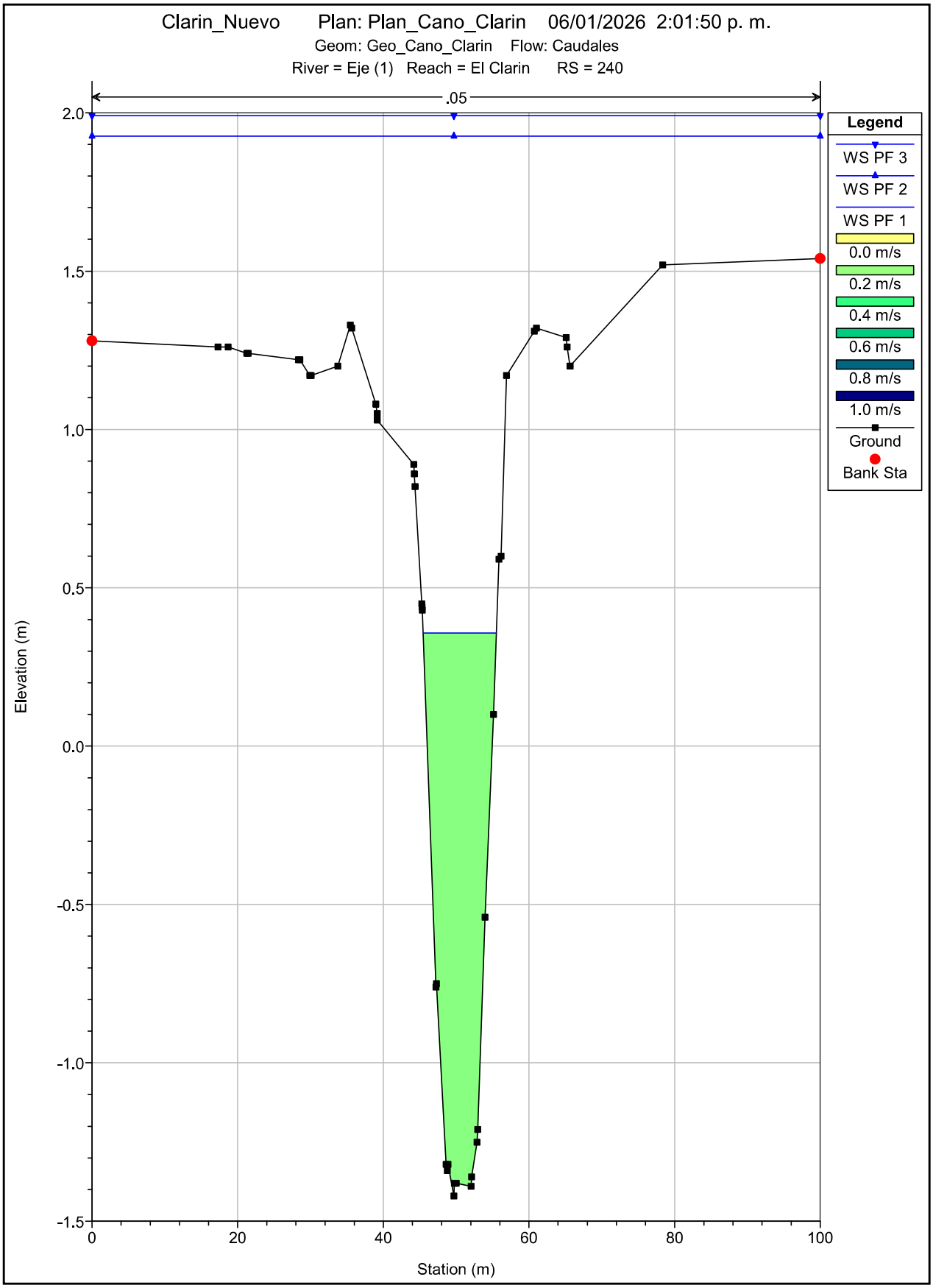

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 340
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

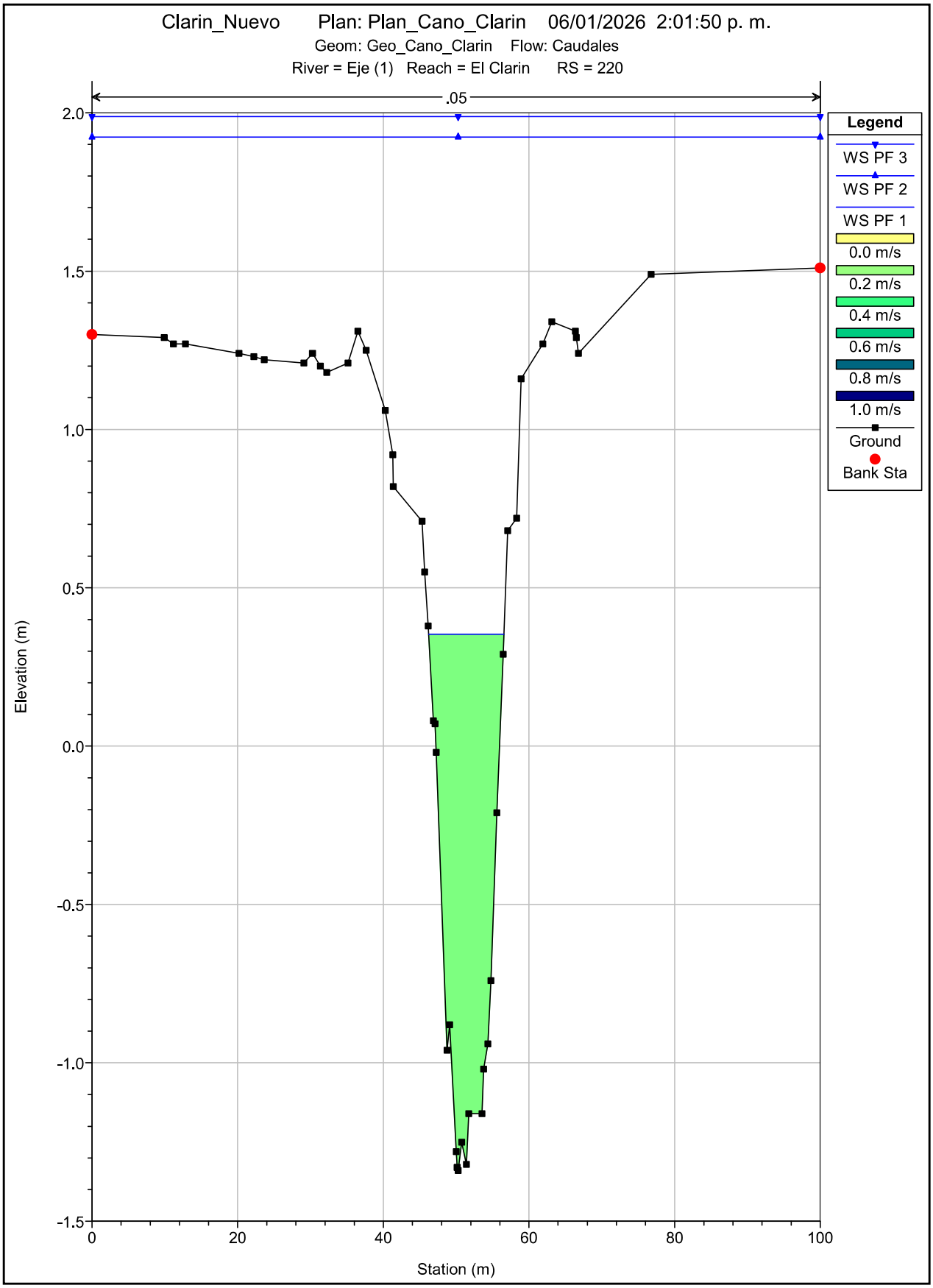

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 320
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.5
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

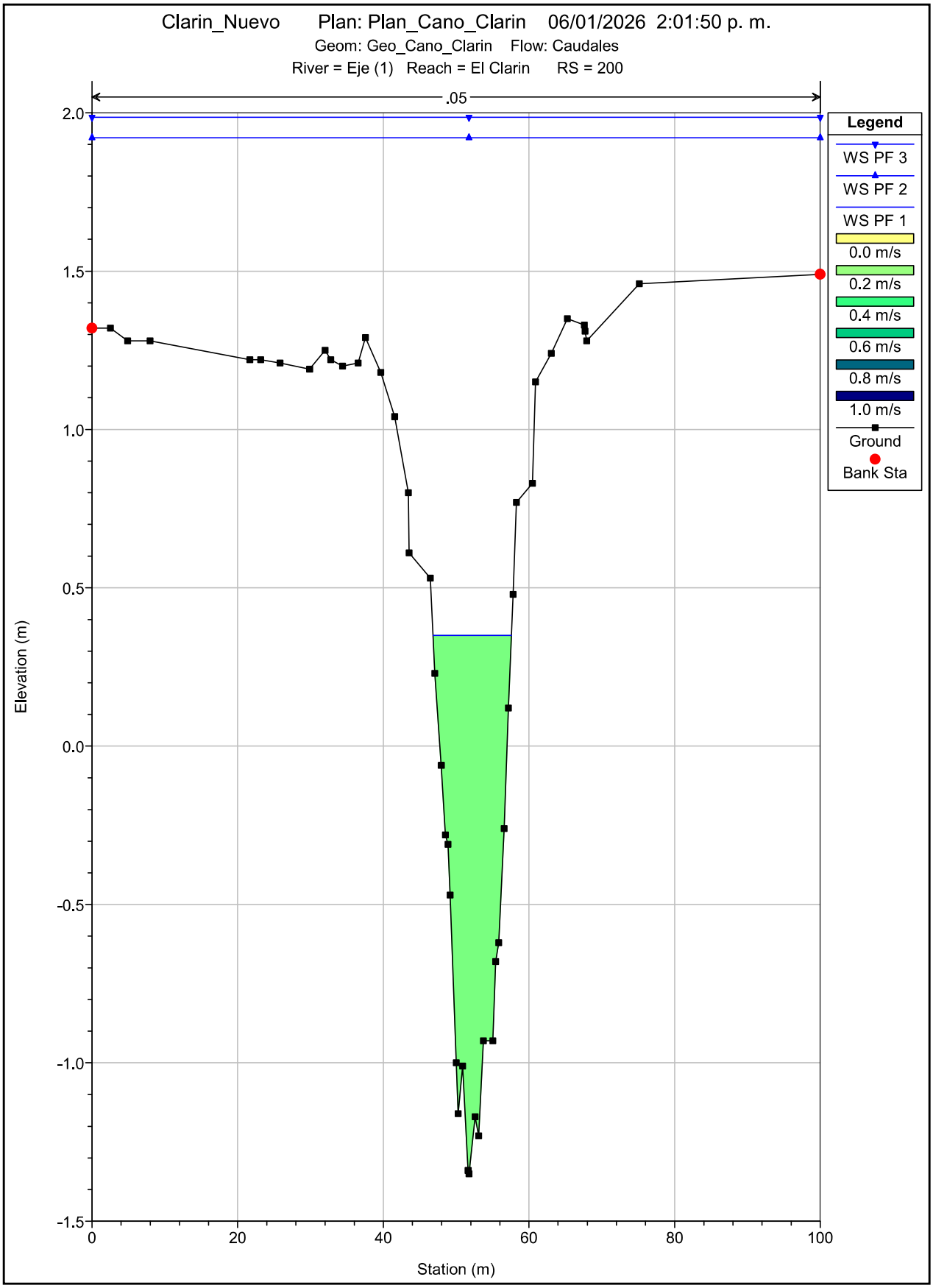

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 300
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

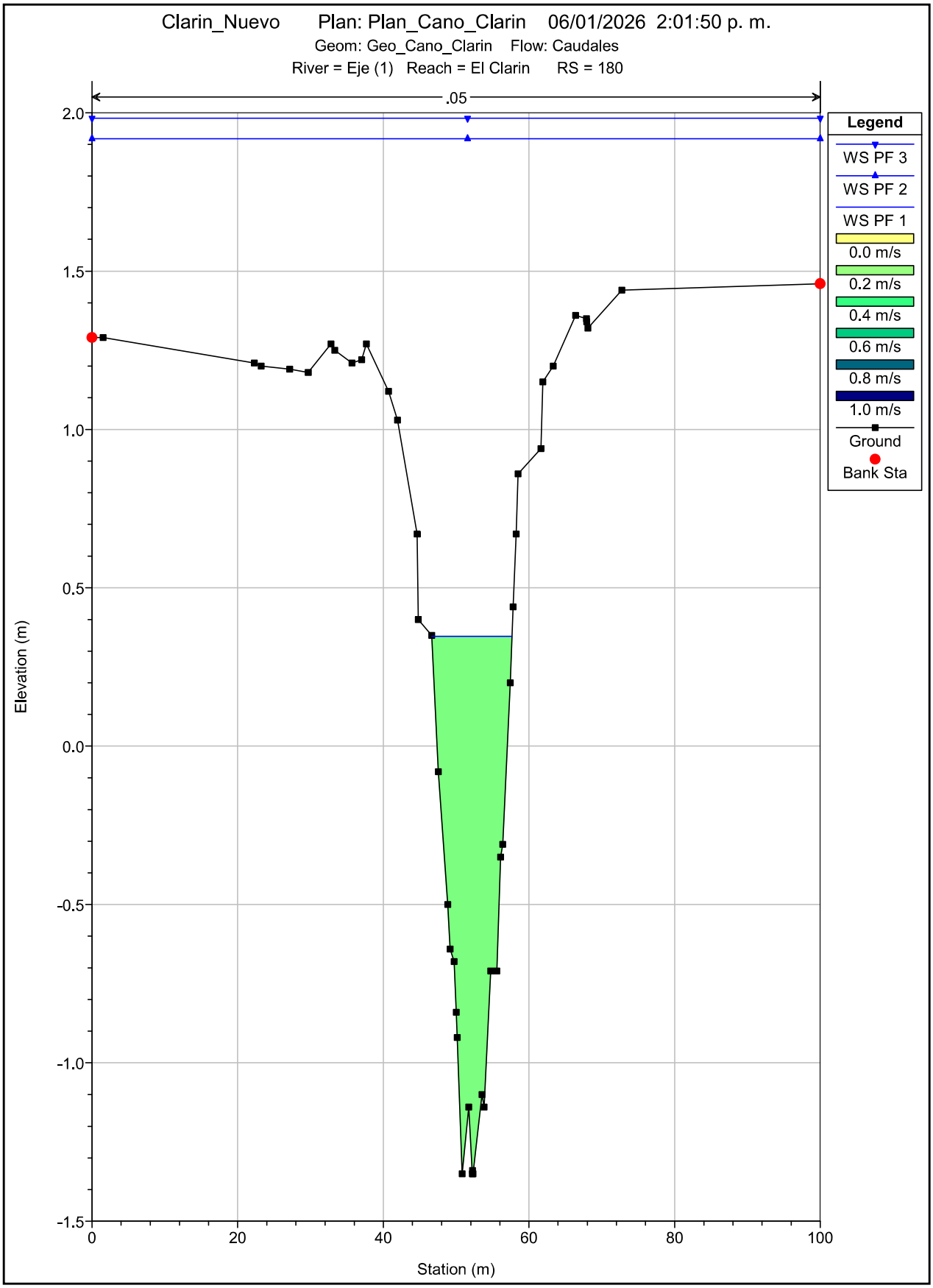

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 280
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

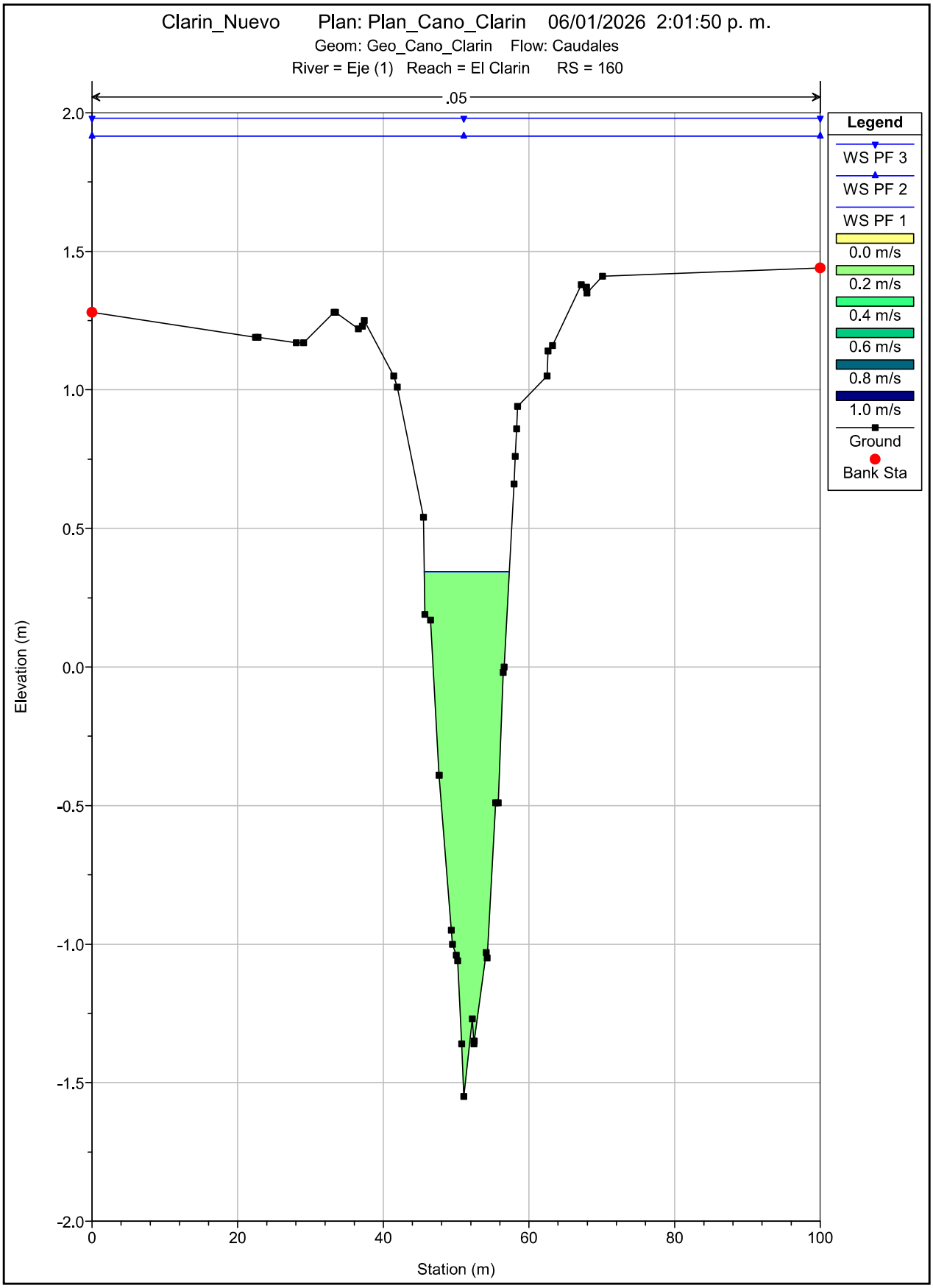

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 260
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

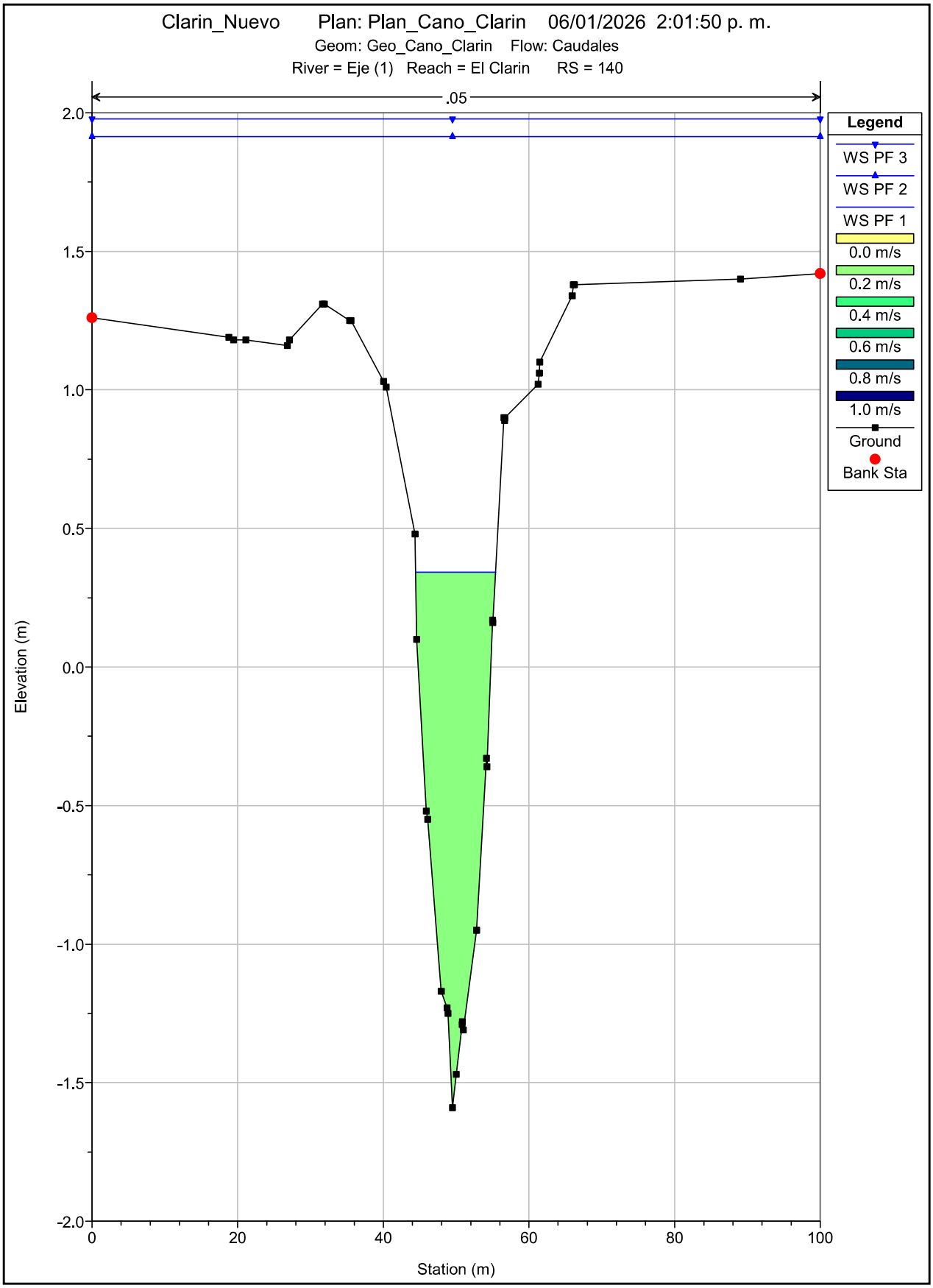

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 240
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

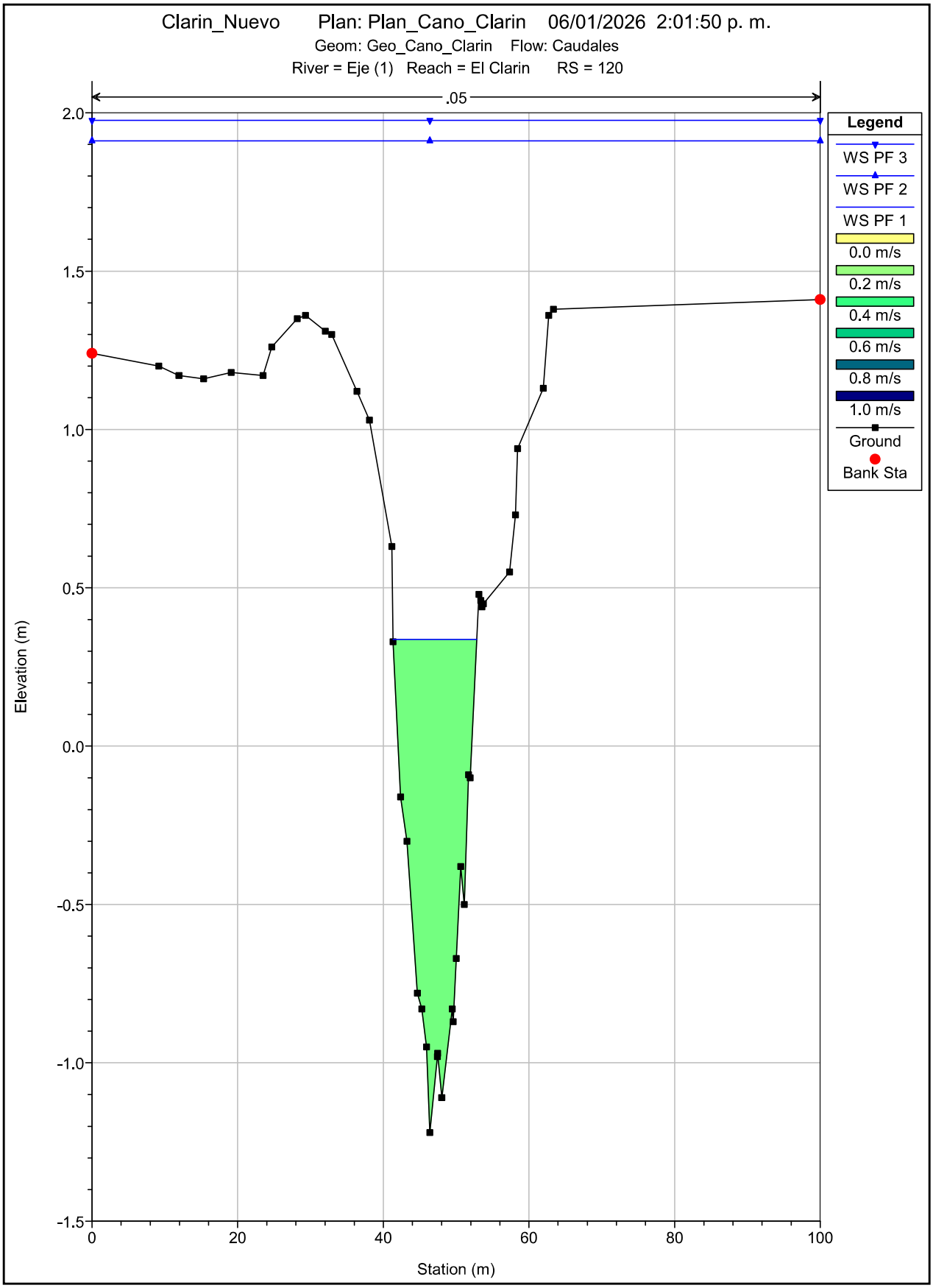

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 220
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

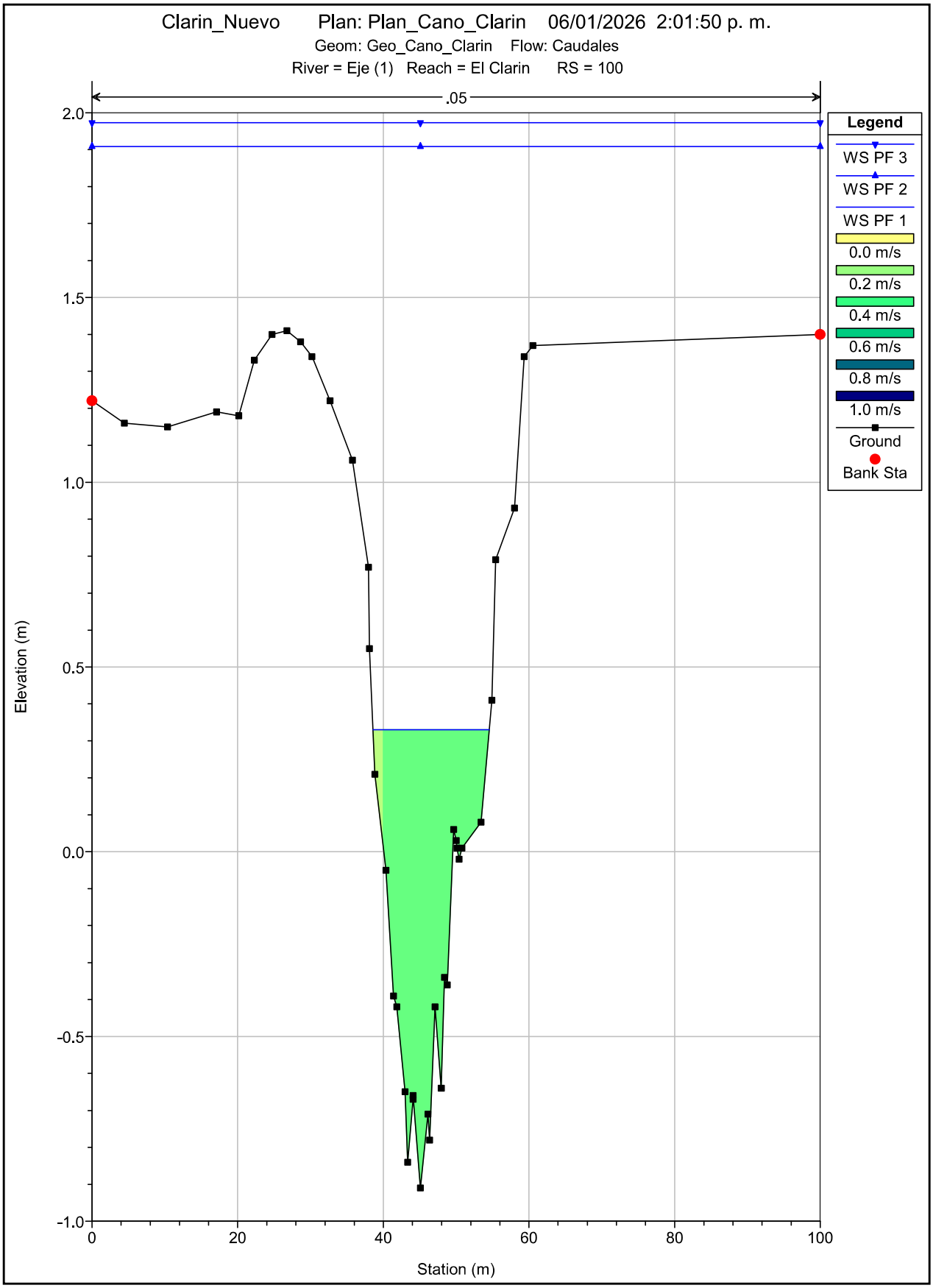

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 200
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

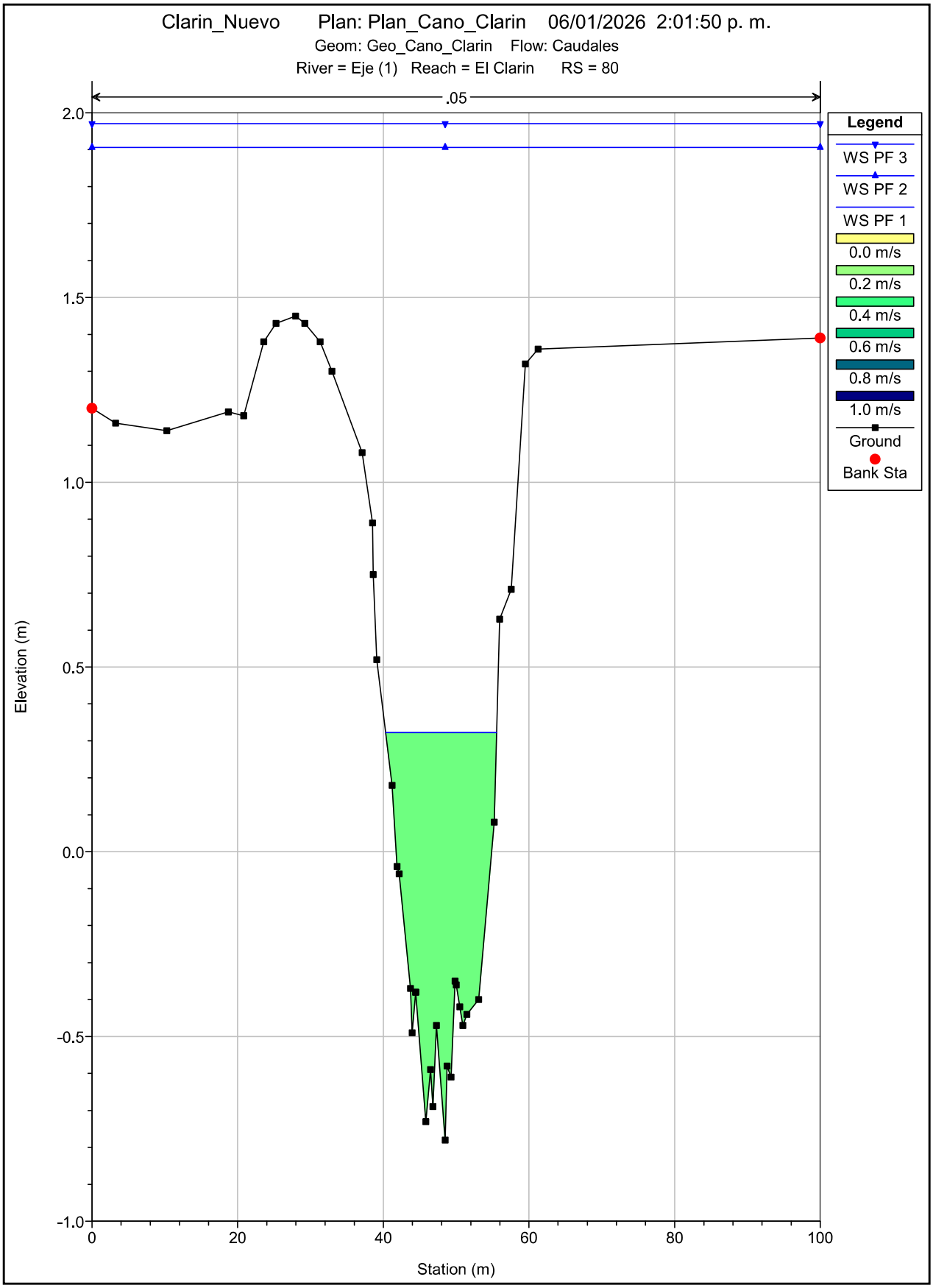

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 180
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

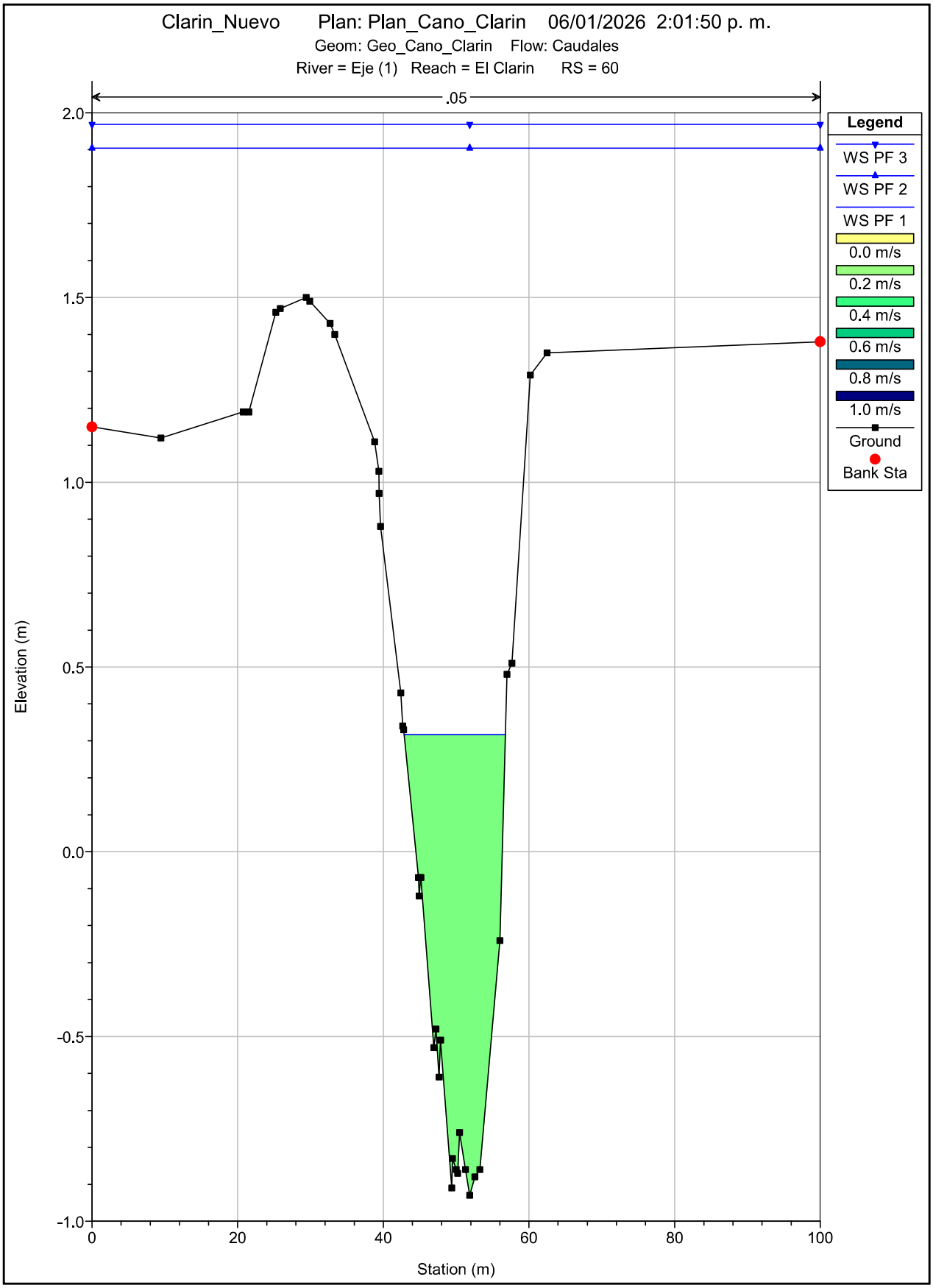

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 160
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

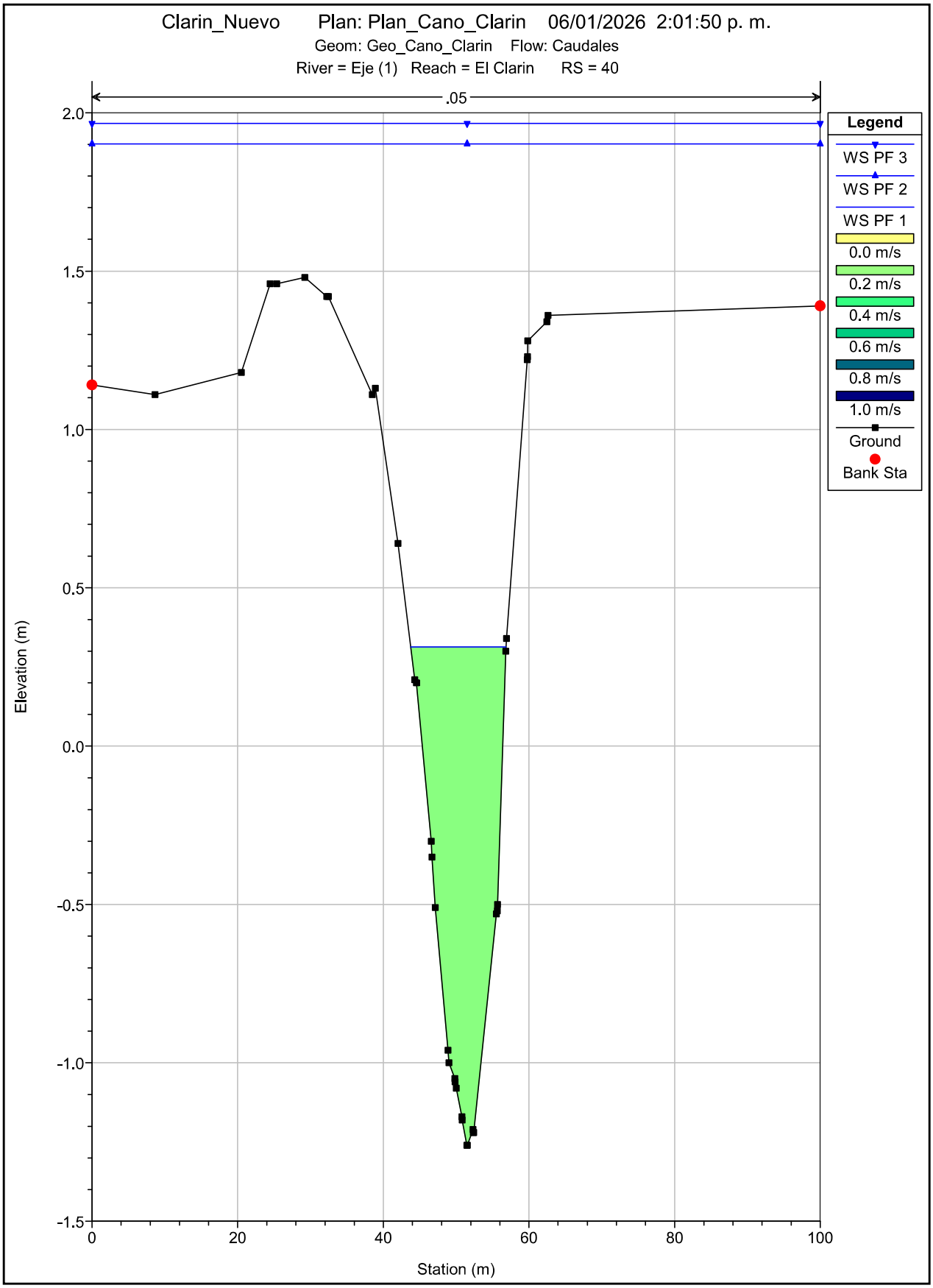

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 140
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
-2.0
0
20
40
60
80
100

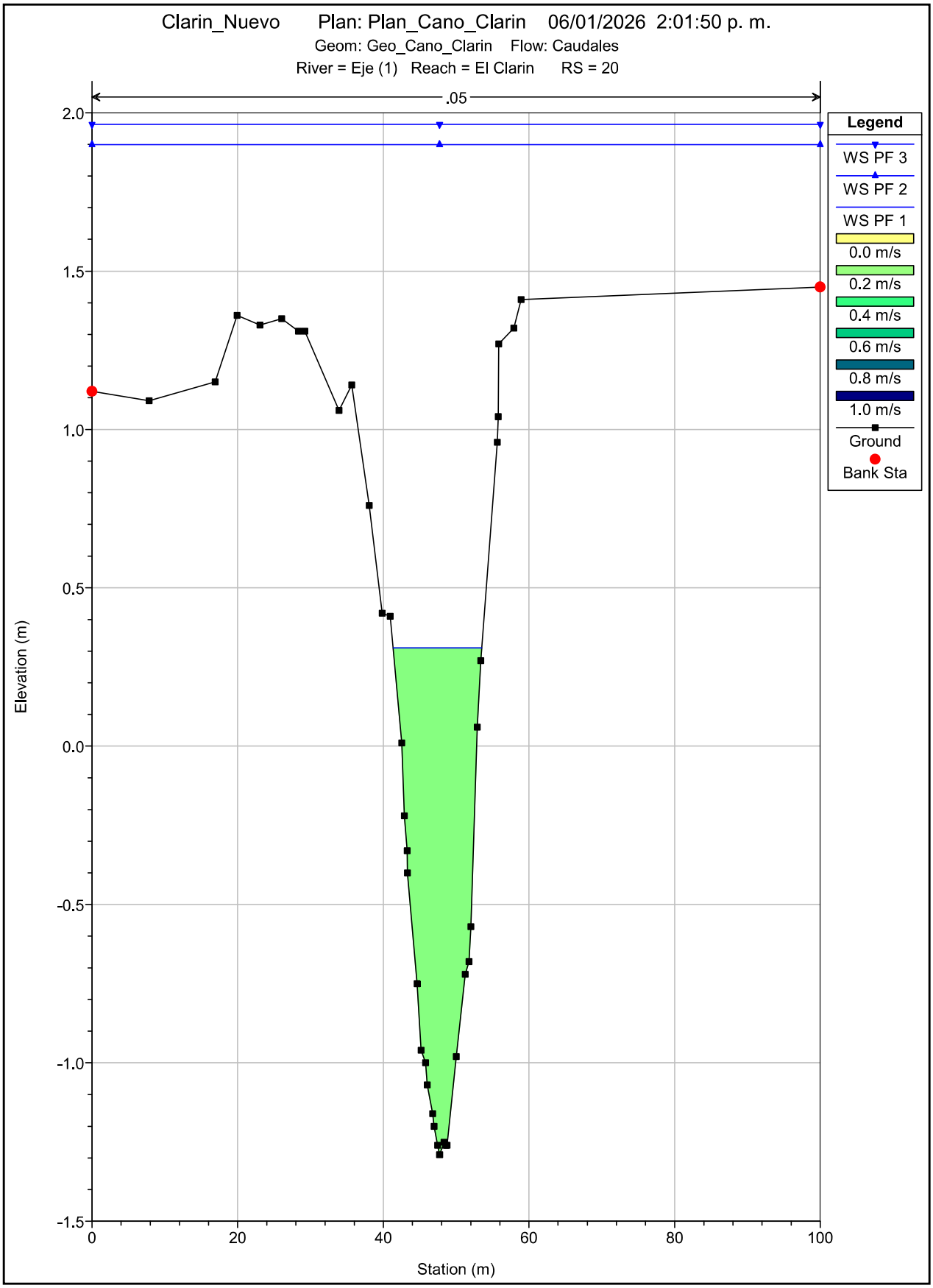

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 120
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

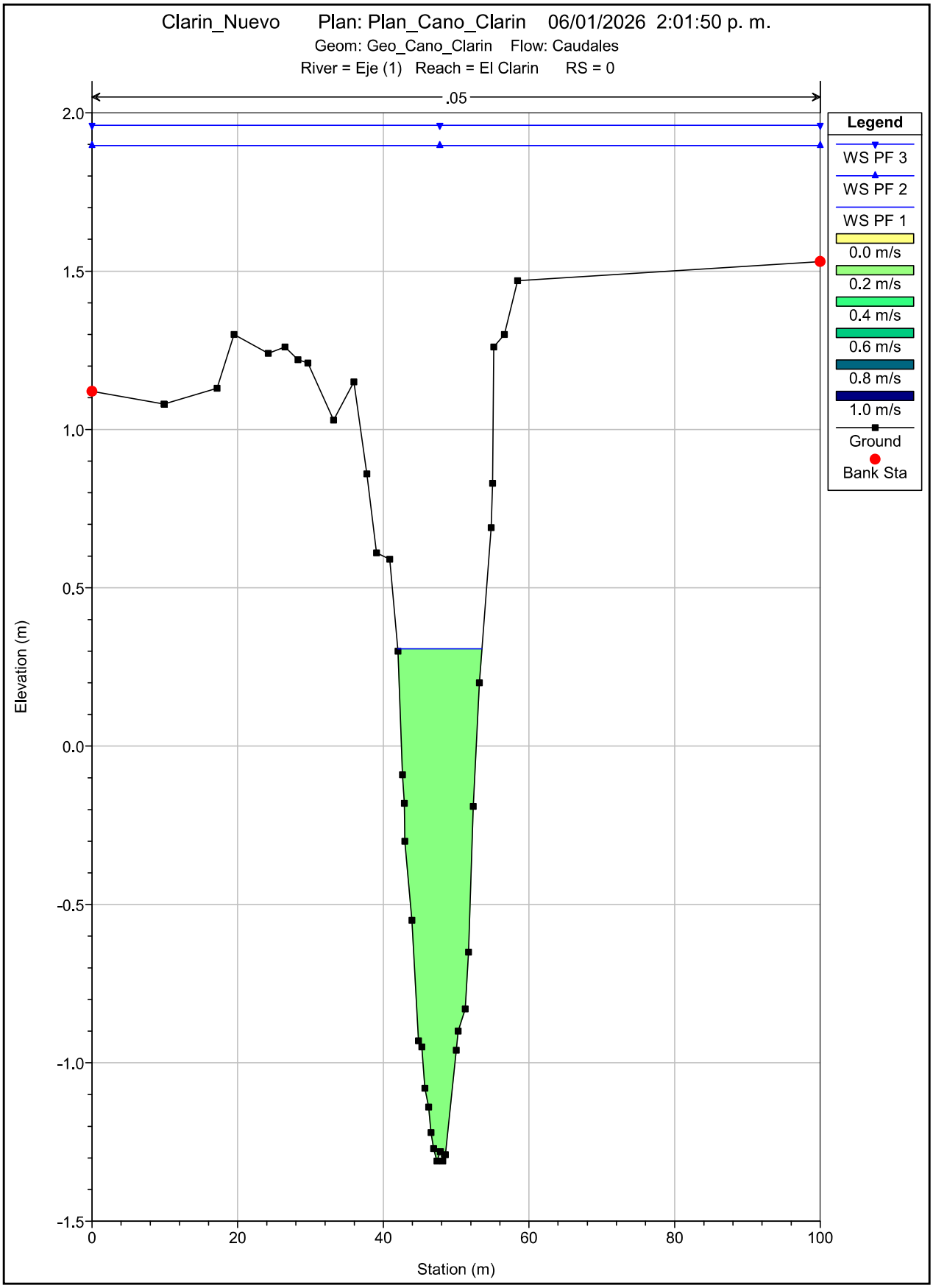

Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 100
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100


Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 80
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100


Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 60
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
0
20
40
60
80
100


Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 40
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100


Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 20
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100


Clarin_Nuevo Plan: Plan_Cano_Clarin 06/01/2026 2:01:50 p. m.
Geom: Geo_Cano_Clarin Flow: Caudales
River = Eje (1) Reach = El Clarin RS = 0
.05
Legend
WS PF 3
WS PF 2
WS PF 1
0.0 m/s
0.2 m/s
0.4 m/s
0.6 m/s
0.8 m/s
1.0 m/s
Ground
Bank Sta
Elevation (m)
Station (m)
2.0
1.5
1.0
0.5
0.0
-0.5
-1.0
-1.5
0
20
40
60
80
100

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	4326.4	PF 1	2.88	-0.73	0.94		0.94	0.000054	0.11	25.98	37.16	0.04
El Clarin	4326.4	PF 2	17.70	-0.73	2.59		2.59	0.000026	0.13	138.70	93.59	0.03
El Clarin	4326.4	PF 3	20.00	-0.73	2.68		2.68	0.000028	0.14	147.74	95.76	0.03
El Clarin	4320	PF 1	2.88	-0.50	0.94		0.94	0.000150	0.17	17.35	29.43	0.07
El Clarin	4320	PF 2	17.70	-0.50	2.58		2.59	0.000040	0.15	121.49	92.95	0.04
El Clarin	4320	PF 3	20.00	-0.50	2.68		2.68	0.000042	0.15	130.47	94.94	0.04
El Clarin	4300	PF 1	2.88	-0.55	0.94		0.94	0.000130	0.19	15.32	19.84	0.07
El Clarin	4300	PF 2	17.70	-0.55	2.58		2.58	0.000081	0.19	92.16	79.16	0.06
El Clarin	4300	PF 3	20.00	-0.55	2.68		2.68	0.000084	0.20	99.89	83.09	0.06
El Clarin	4280	PF 1	2.88	-0.59	0.94		0.94	0.000080	0.18	16.17	15.73	0.06
El Clarin	4280	PF 2	17.70	-0.59	2.58		2.58	0.000127	0.23	76.02	68.75	0.07
El Clarin	4280	PF 3	20.00	-0.59	2.68		2.68	0.000130	0.24	82.73	72.02	0.07
El Clarin	4260	PF 1	2.88	-0.64	0.94		0.94	0.000062	0.16	17.64	16.06	0.05
El Clarin	4260	PF 2	17.70	-0.64	2.58		2.58	0.000162	0.29	61.73	49.19	0.08
El Clarin	4260	PF 3	20.00	-0.64	2.67		2.68	0.000180	0.30	66.60	53.47	0.09
El Clarin	4240	PF 1	2.88	-0.79	0.93		0.94	0.000057	0.16	18.11	16.21	0.05
El Clarin	4240	PF 2	17.70	-0.79	2.57		2.58	0.000173	0.32	54.54	37.62	0.09
El Clarin	4240	PF 3	20.00	-0.79	2.67		2.67	0.000194	0.34	58.22	40.26	0.09
El Clarin	4220	PF 1	2.88	-0.89	0.93		0.93	0.000066	0.17	17.12	15.45	0.05
El Clarin	4220	PF 2	17.70	-0.89	2.57		2.57	0.000127	0.37	48.18	21.42	0.08
El Clarin	4220	PF 3	20.00	-0.89	2.66		2.67	0.000144	0.40	50.19	21.69	0.08
El Clarin	4200	PF 1	2.88	-0.99	0.93		0.93	0.000047	0.15	18.81	14.96	0.04
El Clarin	4200	PF 2	17.70	-0.99	2.56		2.57	0.000121	0.36	49.53	22.04	0.08
El Clarin	4200	PF 3	20.00	-0.99	2.66		2.66	0.000137	0.39	51.59	22.37	0.08
El Clarin	4180	PF 1	2.88	-1.16	0.93		0.93	0.000031	0.13	21.42	15.19	0.04
El Clarin	4180	PF 2	17.70	-1.16	2.56		2.57	0.000115	0.35	51.15	23.07	0.07
El Clarin	4180	PF 3	20.00	-1.16	2.65		2.66	0.000130	0.38	53.30	23.34	0.08
El Clarin	4160	PF 1	2.88	-1.36	0.93		0.93	0.000019	0.11	25.90	16.65	0.03
El Clarin	4160	PF 2	17.70	-1.36	2.56		2.57	0.000075	0.31	57.77	22.72	0.06
El Clarin	4160	PF 3	20.00	-1.36	2.65		2.66	0.000093	0.33	59.92	24.26	0.07
El Clarin	4140	PF 1	2.88	-1.51	0.93		0.93	0.000013	0.10	29.52	17.68	0.02
El Clarin	4140	PF 2	17.70	-1.51	2.56		2.56	0.000059	0.28	62.78	23.30	0.05
El Clarin	4140	PF 3	20.00	-1.51	2.65		2.66	0.000069	0.31	64.95	23.66	0.06
El Clarin	4120	PF 1	2.88	-1.57	0.93		0.93	0.000011	0.09	31.53	18.22	0.02
El Clarin	4120	PF 2	17.70	-1.57	2.56		2.56	0.000053	0.27	65.31	23.76	0.05
El Clarin	4120	PF 3	20.00	-1.57	2.65		2.66	0.000063	0.30	67.52	24.23	0.06
El Clarin	4100	PF 1	2.88	-1.62	0.93		0.93	0.000009	0.09	33.47	18.39	0.02
El Clarin	4100	PF 2	17.70	-1.62	2.56		2.56	0.000057	0.26	68.16	27.98	0.05
El Clarin	4100	PF 3	20.00	-1.62	2.65		2.65	0.000069	0.28	70.81	29.64	0.06
El Clarin	4080	PF 1	2.88	-1.68	0.93		0.93	0.000008	0.08	35.42	18.57	0.02
El Clarin	4080	PF 2	17.70	-1.68	2.56		2.56	0.000062	0.25	70.89	33.00	0.05
El Clarin	4080	PF 3	20.00	-1.68	2.65		2.65	0.000077	0.27	74.15	36.63	0.06
El Clarin	4060	PF 1	2.88	-1.78	0.93		0.93	0.000007	0.08	37.33	18.74	0.02
El Clarin	4060	PF 2	17.70	-1.78	2.56		2.56	0.000053	0.24	73.38	31.95	0.05
El Clarin	4060	PF 3	20.00	-1.78	2.65		2.65	0.000078	0.26	76.64	40.27	0.06
El Clarin	4040	PF 1	2.88	-1.88	0.93		0.93	0.000006	0.07	39.27	19.01	0.02
El Clarin	4040	PF 2	17.70	-1.88	2.56		2.56	0.000044	0.23	75.70	30.14	0.05
El Clarin	4040	PF 3	20.00	-1.88	2.65		2.65	0.000069	0.25	78.79	39.04	0.06
El Clarin	4020	PF 1	2.88	-1.98	0.93		0.93	0.000005	0.07	41.23	19.33	0.02
El Clarin	4020	PF 2	17.70	-1.98	2.55		2.56	0.000041	0.23	77.98	30.17	0.05
El Clarin	4020	PF 3	20.00	-1.98	2.65		2.65	0.000057	0.25	80.94	36.09	0.05
El Clarin	4000	PF 1	2.88	-2.08	0.93		0.93	0.000004	0.07	43.12	19.68	0.01
El Clarin	4000	PF 2	17.70	-2.08	2.55		2.56	0.000042	0.22	80.60	33.70	0.05
El Clarin	4000	PF 3	20.00	-2.08	2.64		2.65	0.000052	0.24	83.77	36.57	0.05
El Clarin	3980	PF 1	2.88	-2.18	0.93		0.93	0.000004	0.06	44.89	19.89	0.01
El Clarin	3980	PF 2	17.70	-2.18	2.55		2.56	0.000041	0.21	84.25	36.72	0.04

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	3980	PF 3	20.00	-2.18	2.64		2.65	0.000051	0.23	87.69	39.68	0.05
El Clarin	3960	PF 1	2.88	-2.28	0.93		0.93	0.000003	0.06	46.54	20.03	0.01
El Clarin	3960	PF 2	17.70	-2.28	2.55		2.55	0.000037	0.20	90.19	39.91	0.04
El Clarin	3960	PF 3	20.00	-2.28	2.64		2.65	0.000045	0.21	93.90	42.72	0.05
El Clarin	3940	PF 1	2.88	-2.30	0.93		0.93	0.000004	0.06	46.53	23.25	0.01
El Clarin	3940	PF 2	17.70	-2.30	2.55		2.55	0.000031	0.18	96.46	41.05	0.04
El Clarin	3940	PF 3	20.00	-2.30	2.64		2.64	0.000039	0.20	100.35	45.10	0.04
El Clarin	3920	PF 1	2.88	-2.27	0.93		0.93	0.000005	0.06	45.03	25.31	0.02
El Clarin	3920	PF 2	17.70	-2.27	2.55		2.55	0.000029	0.18	100.97	43.77	0.04
El Clarin	3920	PF 3	20.00	-2.27	2.64		2.64	0.000035	0.19	104.98	46.10	0.04
El Clarin	3900	PF 1	2.88	-2.25	0.93		0.93	0.000006	0.07	43.81	26.67	0.02
El Clarin	3900	PF 2	17.70	-2.25	2.55		2.55	0.000028	0.17	105.21	47.33	0.04
El Clarin	3900	PF 3	20.00	-2.25	2.64		2.64	0.000032	0.18	109.51	48.50	0.04
El Clarin	3880	PF 1	2.88	-2.23	0.93		0.93	0.000007	0.07	42.48	27.34	0.02
El Clarin	3880	PF 2	17.70	-2.23	2.55		2.55	0.000028	0.16	107.54	50.11	0.04
El Clarin	3880	PF 3	20.00	-2.23	2.64		2.64	0.000032	0.18	112.08	51.29	0.04
El Clarin	3860	PF 1	2.88	-2.20	0.93		0.93	0.000008	0.07	41.22	27.95	0.02
El Clarin	3860	PF 2	17.70	-2.20	2.55		2.55	0.000028	0.16	109.49	52.76	0.04
El Clarin	3860	PF 3	20.00	-2.20	2.64		2.64	0.000032	0.18	114.27	53.92	0.04
El Clarin	3840	PF 1	2.88	-2.07	0.93		0.93	0.000010	0.07	38.47	28.58	0.02
El Clarin	3840	PF 2	17.70	-2.07	2.55		2.55	0.000031	0.16	110.47	59.08	0.04
El Clarin	3840	PF 3	20.00	-2.07	2.64		2.64	0.000035	0.17	115.87	61.37	0.04
El Clarin	3820	PF 1	2.88	-2.11	0.93		0.93	0.000015	0.08	34.96	30.21	0.02
El Clarin	3820	PF 2	17.70	-2.11	2.55		2.55	0.000029	0.15	115.34	63.17	0.04
El Clarin	3820	PF 3	20.00	-2.11	2.64		2.64	0.000033	0.17	121.08	65.24	0.04
El Clarin	3800	PF 1	2.88	-2.14	0.93		0.93	0.000020	0.08	34.43	35.20	0.03
El Clarin	3800	PF 2	17.70	-2.14	2.55		2.55	0.000027	0.15	120.59	67.02	0.03
El Clarin	3800	PF 3	20.00	-2.14	2.64		2.64	0.000030	0.16	126.58	67.19	0.04
El Clarin	3780	PF 1	2.88	-2.18	0.93		0.93	0.000015	0.08	34.50	28.05	0.02
El Clarin	3780	PF 2	17.70	-2.18	2.55		2.55	0.000029	0.15	116.05	64.30	0.04
El Clarin	3780	PF 3	20.00	-2.18	2.64		2.64	0.000032	0.16	121.80	64.47	0.04
El Clarin	3760	PF 1	2.88	-2.22	0.93		0.93	0.000007	0.07	39.36	21.86	0.02
El Clarin	3760	PF 2	17.70	-2.22	2.55		2.55	0.000032	0.16	110.14	60.15	0.04
El Clarin	3760	PF 3	20.00	-2.22	2.64		2.64	0.000035	0.17	115.51	60.32	0.04
El Clarin	3740	PF 1	2.88	-2.19	0.93		0.93	0.000006	0.07	39.40	19.88	0.02
El Clarin	3740	PF 2	17.70	-2.19	2.55		2.55	0.000036	0.17	104.48	57.73	0.04
El Clarin	3740	PF 3	20.00	-2.19	2.64		2.64	0.000040	0.18	109.65	58.36	0.04
El Clarin	3720	PF 1	2.88	-1.91	0.93		0.93	0.000010	0.09	33.44	19.40	0.02
El Clarin	3720	PF 2	17.70	-1.91	2.55		2.55	0.000043	0.18	99.22	58.94	0.04
El Clarin	3720	PF 3	20.00	-1.91	2.63		2.64	0.000048	0.19	104.52	60.33	0.05
El Clarin	3700	PF 1	2.88	-1.63	0.93		0.93	0.000018	0.10	27.76	19.01	0.03
El Clarin	3700	PF 2	17.70	-1.63	2.54		2.55	0.000053	0.19	94.49	61.46	0.05
El Clarin	3700	PF 3	20.00	-1.63	2.63		2.64	0.000058	0.20	100.00	62.49	0.05
El Clarin	3680	PF 1	2.88	-1.35	0.93		0.93	0.000036	0.13	22.18	18.50	0.04
El Clarin	3680	PF 2	17.70	-1.35	2.54		2.55	0.000066	0.20	89.49	62.95	0.05
El Clarin	3680	PF 3	20.00	-1.35	2.63		2.63	0.000069	0.21	95.08	63.00	0.05
El Clarin	3660	PF 1	2.88	-1.07	0.92		0.93	0.000079	0.17	16.83	17.02	0.05
El Clarin	3660	PF 2	17.70	-1.07	2.54		2.54	0.000079	0.21	84.62	63.43	0.06
El Clarin	3660	PF 3	20.00	-1.07	2.63		2.63	0.000082	0.22	90.25	63.47	0.06
El Clarin	3640	PF 1	2.88	-0.88	0.92		0.92	0.000130	0.21	13.59	14.42	0.07
El Clarin	3640	PF 2	17.70	-0.88	2.54		2.54	0.000094	0.22	80.53	63.82	0.06
El Clarin	3640	PF 3	20.00	-0.88	2.63		2.63	0.000096	0.23	86.19	63.87	0.06
El Clarin	3620	PF 1	2.88	-0.80	0.92		0.92	0.000149	0.23	12.60	13.20	0.07
El Clarin	3620	PF 2	17.70	-0.80	2.54		2.54	0.000108	0.23	77.34	63.92	0.07
El Clarin	3620	PF 3	20.00	-0.80	2.63		2.63	0.000109	0.24	83.00	63.96	0.07

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	3600	PF 1	2.88	-0.72	0.92		0.92	0.000157	0.24	12.01	12.20	0.08
El Clarin	3600	PF 2	17.70	-0.72	2.53		2.54	0.000127	0.24	73.73	64.01	0.07
El Clarin	3600	PF 3	20.00	-0.72	2.62		2.63	0.000127	0.25	79.40	64.05	0.07
El Clarin	3580	PF 1	2.88	-0.64	0.91		0.91	0.000165	0.25	11.70	11.85	0.08
El Clarin	3580	PF 2	17.70	-0.64	2.53		2.53	0.000146	0.25	70.03	62.74	0.08
El Clarin	3580	PF 3	20.00	-0.64	2.62		2.62	0.000149	0.26	75.69	64.15	0.08
El Clarin	3560	PF 1	2.88	-0.57	0.91		0.91	0.000164	0.25	11.65	11.69	0.08
El Clarin	3560	PF 2	17.70	-0.57	2.53		2.53	0.000169	0.27	66.42	61.23	0.08
El Clarin	3560	PF 3	20.00	-0.57	2.62		2.62	0.000170	0.28	71.85	62.12	0.08
El Clarin	3540	PF 1	2.88	-0.63	0.91		0.91	0.000156	0.24	11.82	11.68	0.08
El Clarin	3540	PF 2	17.70	-0.63	2.52		2.53	0.000190	0.28	64.02	60.94	0.09
El Clarin	3540	PF 3	20.00	-0.63	2.61		2.62	0.000187	0.29	69.43	61.32	0.09
El Clarin	3520	PF 1	2.88	-0.66	0.90		0.91	0.000150	0.24	12.06	11.95	0.08
El Clarin	3520	PF 2	17.70	-0.66	2.52		2.52	0.000195	0.28	63.35	60.56	0.09
El Clarin	3520	PF 3	20.00	-0.66	2.61		2.61	0.000191	0.29	68.72	60.86	0.09
El Clarin	3500	PF 1	2.88	-0.69	0.90		0.90	0.000143	0.23	12.34	12.26	0.07
El Clarin	3500	PF 2	17.70	-0.69	2.52		2.52	0.000195	0.28	63.23	60.30	0.09
El Clarin	3500	PF 3	20.00	-0.69	2.60		2.61	0.000191	0.29	68.58	60.47	0.09
El Clarin	3480	PF 1	2.88	-0.71	0.90		0.90	0.000139	0.23	12.67	12.81	0.07
El Clarin	3480	PF 2	17.70	-0.71	2.51		2.52	0.000193	0.28	63.28	60.04	0.09
El Clarin	3480	PF 3	20.00	-0.71	2.60		2.61	0.000189	0.29	68.61	60.21	0.09
El Clarin	3460	PF 1	2.88	-0.74	0.89		0.90	0.000131	0.22	13.11	13.44	0.07
El Clarin	3460	PF 2	17.70	-0.74	2.51		2.51	0.000188	0.28	63.64	59.78	0.09
El Clarin	3460	PF 3	20.00	-0.74	2.60		2.60	0.000185	0.29	68.95	59.95	0.09
El Clarin	3440	PF 1	2.88	-0.74	0.89		0.89	0.000127	0.21	13.45	14.03	0.07
El Clarin	3440	PF 2	17.70	-0.74	2.50		2.51	0.000183	0.28	64.03	59.57	0.09
El Clarin	3440	PF 3	20.00	-0.74	2.59		2.60	0.000180	0.29	69.33	59.74	0.09
El Clarin	3420	PF 1	2.88	-0.75	0.89		0.89	0.000126	0.21	13.78	14.80	0.07
El Clarin	3420	PF 2	17.70	-0.75	2.50		2.51	0.000173	0.27	64.97	59.40	0.08
El Clarin	3420	PF 3	20.00	-0.75	2.59		2.59	0.000172	0.28	70.26	59.57	0.08
El Clarin	3400	PF 1	2.88	-0.77	0.89		0.89	0.000119	0.20	14.28	15.57	0.07
El Clarin	3400	PF 2	17.70	-0.77	2.50		2.50	0.000161	0.27	66.32	59.24	0.08
El Clarin	3400	PF 3	20.00	-0.77	2.59		2.59	0.000160	0.28	71.59	59.41	0.08
El Clarin	3380	PF 1	2.88	-0.79	0.88		0.89	0.000109	0.19	14.94	16.35	0.06
El Clarin	3380	PF 2	17.70	-0.79	2.50		2.50	0.000147	0.26	68.19	59.32	0.08
El Clarin	3380	PF 3	20.00	-0.79	2.58		2.59	0.000154	0.27	73.50	61.64	0.08
El Clarin	3360	PF 1	2.88	-0.85	0.88		0.88	0.000102	0.17	16.61	20.29	0.06
El Clarin	3360	PF 2	17.70	-0.85	2.49		2.50	0.000130	0.25	71.47	60.98	0.07
El Clarin	3360	PF 3	20.00	-0.85	2.58		2.58	0.000154	0.26	77.23	69.92	0.08
El Clarin	3340	PF 1	2.88	-0.95	0.88		0.88	0.000080	0.16	17.90	20.51	0.05
El Clarin	3340	PF 2	17.70	-0.95	2.49		2.49	0.000121	0.23	75.70	66.95	0.07
El Clarin	3340	PF 3	20.00	-0.95	2.58		2.58	0.000145	0.24	82.10	78.13	0.08
El Clarin	3320	PF 1	2.88	-0.95	0.88		0.88	0.000077	0.16	18.21	20.78	0.05
El Clarin	3320	PF 2	17.70	-0.95	2.49		2.49	0.000106	0.22	81.82	73.74	0.07
El Clarin	3320	PF 3	20.00	-0.95	2.58		2.58	0.000119	0.23	88.67	82.09	0.07
El Clarin	3300	PF 1	2.88	-0.96	0.88		0.88	0.000079	0.15	19.34	24.60	0.05
El Clarin	3300	PF 2	17.70	-0.96	2.49		2.49	0.000081	0.20	88.26	72.79	0.06
El Clarin	3300	PF 3	20.00	-0.96	2.57		2.58	0.000094	0.21	94.96	82.02	0.06
El Clarin	3280	PF 1	2.88	-0.96	0.88		0.88	0.000078	0.14	20.03	26.65	0.05
El Clarin	3280	PF 2	17.70	-0.96	2.49		2.49	0.000072	0.19	94.16	78.90	0.05
El Clarin	3280	PF 3	20.00	-0.96	2.57		2.57	0.000082	0.20	101.27	87.08	0.06
El Clarin	3260	PF 1	2.88	-0.97	0.88		0.88	0.000080	0.13	22.14	35.01	0.05
El Clarin	3260	PF 2	17.70	-0.97	2.48		2.49	0.000059	0.17	103.12	84.85	0.05
El Clarin	3260	PF 3	20.00	-0.97	2.57		2.57	0.000064	0.18	110.67	90.06	0.05
El Clarin	3240	PF 1	2.88	-0.93	0.87		0.87	0.000054	0.11	25.09	35.65	0.04
El Clarin	3240	PF 2	17.70	-0.93	2.48		2.48	0.000053	0.16	109.08	91.15	0.05

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	3240	PF 3	20.00	-0.93	2.57		2.57	0.000058	0.17	117.20	97.09	0.05
El Clarin	3220	PF 1	2.88	-0.94	0.87		0.87	0.000052	0.12	24.90	34.17	0.04
El Clarin	3220	PF 2	17.70	-0.94	2.48		2.48	0.000057	0.16	108.63	95.46	0.05
El Clarin	3220	PF 3	20.00	-0.94	2.57		2.57	0.000061	0.17	117.25	100.00	0.05
El Clarin	3200	PF 1	2.88	-0.95	0.87		0.87	0.000049	0.11	25.11	33.26	0.04
El Clarin	3200	PF 2	17.70	-0.95	2.48		2.48	0.000064	0.16	107.36	100.00	0.05
El Clarin	3200	PF 3	20.00	-0.95	2.57		2.57	0.000063	0.17	116.06	100.00	0.05
El Clarin	3180	PF 1	2.88	-0.97	0.87		0.87	0.000049	0.12	24.70	31.86	0.04
El Clarin	3180	PF 2	17.70	-0.97	2.48		2.48	0.000075	0.17	102.19	100.00	0.05
El Clarin	3180	PF 3	20.00	-0.97	2.57		2.57	0.000073	0.18	110.89	100.00	0.05
El Clarin	3160	PF 1	2.88	-1.02	0.87		0.87	0.000047	0.12	24.69	30.94	0.04
El Clarin	3160	PF 2	17.70	-1.02	2.48		2.48	0.000083	0.18	99.06	100.00	0.06
El Clarin	3160	PF 3	20.00	-1.02	2.56		2.57	0.000080	0.19	107.77	100.00	0.06
El Clarin	3140	PF 1	2.88	-0.97	0.87		0.87	0.000053	0.12	23.43	29.78	0.04
El Clarin	3140	PF 2	17.70	-0.97	2.48		2.48	0.000100	0.19	93.45	100.00	0.06
El Clarin	3140	PF 3	20.00	-0.97	2.56		2.56	0.000095	0.20	102.16	100.00	0.06
El Clarin	3120	PF 1	2.88	-0.83	0.87		0.87	0.000069	0.14	20.95	27.47	0.05
El Clarin	3120	PF 2	17.70	-0.83	2.47		2.48	0.000128	0.21	84.32	92.98	0.07
El Clarin	3120	PF 3	20.00	-0.83	2.56		2.56	0.000130	0.22	92.90	100.00	0.07
El Clarin	3100	PF 1	2.88	-0.71	0.87		0.87	0.000078	0.15	18.99	23.56	0.05
El Clarin	3100	PF 2	17.70	-0.71	2.47		2.47	0.000112	0.23	78.13	69.61	0.07
El Clarin	3100	PF 3	20.00	-0.71	2.56		2.56	0.000124	0.24	84.26	75.36	0.07
El Clarin	3080	PF 1	2.88	-0.60	0.86		0.87	0.000082	0.16	17.62	20.16	0.06
El Clarin	3080	PF 2	17.70	-0.60	2.47		2.47	0.000136	0.24	73.20	68.43	0.07
El Clarin	3080	PF 3	20.00	-0.60	2.55		2.56	0.000135	0.25	79.15	68.69	0.08
El Clarin	3060	PF 1	2.88	-0.48	0.86		0.86	0.000092	0.17	16.53	18.83	0.06
El Clarin	3060	PF 2	17.70	-0.48	2.46		2.47	0.000163	0.26	68.14	65.44	0.08
El Clarin	3060	PF 3	20.00	-0.48	2.55		2.55	0.000165	0.27	73.96	67.73	0.08
El Clarin	3040	PF 1	2.88	-0.47	0.86		0.86	0.000097	0.18	16.16	18.37	0.06
El Clarin	3040	PF 2	17.70	-0.47	2.46		2.46	0.000182	0.27	64.74	62.59	0.09
El Clarin	3040	PF 3	20.00	-0.47	2.55		2.55	0.000191	0.28	70.33	66.46	0.09
El Clarin	3020	PF 1	2.88	-0.54	0.86		0.86	0.000096	0.17	16.53	19.38	0.06
El Clarin	3020	PF 2	17.70	-0.54	2.46		2.46	0.000181	0.28	63.36	58.91	0.09
El Clarin	3020	PF 3	20.00	-0.54	2.54		2.55	0.000192	0.29	68.61	62.66	0.09
El Clarin	3000	PF 1	2.88	-0.62	0.86		0.86	0.000091	0.17	17.08	20.18	0.06
El Clarin	3000	PF 2	17.70	-0.62	2.45		2.46	0.000179	0.28	62.12	55.51	0.09
El Clarin	3000	PF 3	20.00	-0.62	2.54		2.54	0.000193	0.30	67.05	59.25	0.09
El Clarin	2980	PF 1	2.88	-0.70	0.85		0.86	0.000079	0.16	17.83	20.25	0.05
El Clarin	2980	PF 2	17.70	-0.70	2.45		2.45	0.000199	0.29	61.53	58.81	0.09
El Clarin	2980	PF 3	20.00	-0.70	2.53		2.54	0.000257	0.30	67.10	73.86	0.10
El Clarin	2960	PF 1	2.88	-0.78	0.85		0.85	0.000068	0.15	18.71	20.30	0.05
El Clarin	2960	PF 2	17.70	-0.78	2.44		2.45	0.000254	0.28	64.10	78.55	0.10
El Clarin	2960	PF 3	20.00	-0.78	2.53		2.53	0.000270	0.28	71.38	89.56	0.10
El Clarin	2940	PF 1	2.88	-0.80	0.85		0.85	0.000061	0.15	19.37	20.34	0.05
El Clarin	2940	PF 2	17.70	-0.80	2.44		2.44	0.000210	0.26	69.16	82.17	0.09
El Clarin	2940	PF 3	20.00	-0.80	2.52		2.53	0.000205	0.26	76.28	85.79	0.09
El Clarin	2920	PF 1	2.88	-0.78	0.85		0.85	0.000058	0.15	19.74	20.52	0.05
El Clarin	2920	PF 2	17.70	-0.78	2.44		2.44	0.000175	0.25	71.31	77.36	0.08
El Clarin	2920	PF 3	20.00	-0.78	2.52		2.52	0.000178	0.26	78.03	81.74	0.08
El Clarin	2900	PF 1	2.88	-0.75	0.85		0.85	0.000055	0.14	20.14	20.95	0.05
El Clarin	2900	PF 2	17.70	-0.75	2.43		2.44	0.000140	0.24	73.76	71.10	0.08
El Clarin	2900	PF 3	20.00	-0.75	2.52		2.52	0.000152	0.25	80.13	77.23	0.08
El Clarin	2880	PF 1	2.88	-0.72	0.85		0.85	0.000052	0.14	20.71	21.36	0.05
El Clarin	2880	PF 2	17.70	-0.72	2.43		2.43	0.000111	0.23	77.15	66.54	0.07
El Clarin	2880	PF 3	20.00	-0.72	2.52		2.52	0.000117	0.24	82.79	68.92	0.07

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	2860	PF 1	2.88	-0.69	0.85		0.85	0.000047	0.13	21.51	21.96	0.04
El Clarin	2860	PF 2	17.70	-0.69	2.43		2.43	0.000096	0.22	80.74	66.92	0.06
El Clarin	2860	PF 3	20.00	-0.69	2.51		2.52	0.000098	0.23	86.39	67.21	0.07
El Clarin	2840	PF 1	2.88	-0.74	0.85		0.85	0.000044	0.13	22.01	22.10	0.04
El Clarin	2840	PF 2	17.70	-0.74	2.43		2.43	0.000089	0.21	82.70	67.19	0.06
El Clarin	2840	PF 3	20.00	-0.74	2.51		2.51	0.000092	0.23	88.36	67.47	0.06
El Clarin	2820	PF 1	2.88	-0.78	0.85		0.85	0.000042	0.13	22.11	21.72	0.04
El Clarin	2820	PF 2	17.70	-0.78	2.43		2.43	0.000091	0.22	82.28	67.61	0.06
El Clarin	2820	PF 3	20.00	-0.78	2.51		2.51	0.000094	0.23	87.98	67.90	0.06
El Clarin	2800	PF 1	2.88	-0.82	0.85		0.85	0.000041	0.13	22.32	21.66	0.04
El Clarin	2800	PF 2	17.70	-0.82	2.42		2.43	0.000095	0.22	81.58	68.03	0.06
El Clarin	2800	PF 3	20.00	-0.82	2.51		2.51	0.000097	0.23	87.31	68.32	0.06
El Clarin	2780	PF 1	2.88	-0.86	0.84		0.85	0.000039	0.13	22.62	21.71	0.04
El Clarin	2780	PF 2	17.70	-0.86	2.42		2.42	0.000098	0.22	81.06	68.43	0.06
El Clarin	2780	PF 3	20.00	-0.86	2.51		2.51	0.000100	0.23	86.82	68.72	0.07
El Clarin	2760	PF 1	2.88	-0.89	0.84		0.84	0.000038	0.13	22.95	21.68	0.04
El Clarin	2760	PF 2	17.70	-0.89	2.42		2.42	0.000092	0.22	80.70	64.26	0.06
El Clarin	2760	PF 3	20.00	-0.89	2.50		2.51	0.000104	0.23	86.11	69.16	0.07
El Clarin	2740	PF 1	2.88	-0.91	0.84		0.84	0.000035	0.12	23.43	21.53	0.04
El Clarin	2740	PF 2	17.70	-0.91	2.42		2.42	0.000090	0.22	81.27	64.30	0.06
El Clarin	2740	PF 3	20.00	-0.91	2.50		2.50	0.000093	0.23	86.67	64.55	0.06
El Clarin	2720	PF 1	2.88	-0.89	0.84		0.84	0.000032	0.12	23.86	21.20	0.04
El Clarin	2720	PF 2	17.70	-0.89	2.42		2.42	0.000087	0.22	81.89	64.05	0.06
El Clarin	2720	PF 3	20.00	-0.89	2.50		2.50	0.000106	0.23	87.36	72.97	0.07
El Clarin	2700	PF 1	2.88	-0.86	0.84		0.84	0.000030	0.12	24.18	20.78	0.04
El Clarin	2700	PF 2	17.70	-0.86	2.41		2.42	0.000085	0.21	82.39	64.20	0.06
El Clarin	2700	PF 3	20.00	-0.86	2.50		2.50	0.000115	0.23	88.31	79.56	0.07
El Clarin	2680	PF 1	2.88	-0.84	0.84		0.84	0.000029	0.12	24.36	20.41	0.03
El Clarin	2680	PF 2	17.70	-0.84	2.41		2.42	0.000097	0.21	83.24	72.83	0.06
El Clarin	2680	PF 3	20.00	-0.84	2.50		2.50	0.000123	0.22	89.55	87.20	0.07
El Clarin	2660	PF 1	2.88	-0.82	0.84		0.84	0.000028	0.12	24.40	20.02	0.03
El Clarin	2660	PF 2	17.70	-0.82	2.41		2.41	0.000098	0.21	83.95	74.91	0.06
El Clarin	2660	PF 3	20.00	-0.82	2.49		2.50	0.000122	0.22	90.45	88.59	0.07
El Clarin	2640	PF 1	2.88	-0.81	0.84		0.84	0.000029	0.12	23.92	19.78	0.03
El Clarin	2640	PF 2	17.70	-0.81	2.41		2.41	0.000097	0.21	84.23	74.86	0.06
El Clarin	2640	PF 3	20.00	-0.81	2.49		2.49	0.000119	0.22	90.65	87.14	0.07
El Clarin	2620	PF 1	2.88	-0.90	0.84		0.84	0.000032	0.13	22.94	19.06	0.04
El Clarin	2620	PF 2	17.70	-0.90	2.41		2.41	0.000104	0.22	82.28	74.07	0.07
El Clarin	2620	PF 3	20.00	-0.90	2.49		2.49	0.000128	0.23	88.61	87.22	0.07
El Clarin	2600	PF 1	2.88	-0.99	0.84		0.84	0.000030	0.13	22.81	17.65	0.04
El Clarin	2600	PF 2	17.70	-0.99	2.40		2.41	0.000115	0.22	79.26	72.82	0.07
El Clarin	2600	PF 3	20.00	-0.99	2.49		2.49	0.000138	0.23	85.45	83.96	0.07
El Clarin	2580	PF 1	2.88	-1.08	0.84		0.84	0.000029	0.13	23.00	17.60	0.03
El Clarin	2580	PF 2	17.70	-1.08	2.40		2.40	0.000133	0.24	75.21	70.91	0.07
El Clarin	2580	PF 3	20.00	-1.08	2.48		2.48	0.000158	0.25	81.18	81.47	0.08
El Clarin	2560	PF 1	2.88	-1.17	0.84		0.84	0.000027	0.12	23.30	17.45	0.03
El Clarin	2560	PF 2	17.70	-1.17	2.40		2.40	0.000163	0.25	70.43	70.01	0.08
El Clarin	2560	PF 3	20.00	-1.17	2.48		2.48	0.000186	0.26	76.23	78.81	0.09
El Clarin	2540	PF 1	2.88	-1.20	0.84		0.84	0.000027	0.12	23.36	17.33	0.03
El Clarin	2540	PF 2	17.70	-1.20	2.39		2.40	0.000198	0.27	65.98	69.02	0.09
El Clarin	2540	PF 3	20.00	-1.20	2.47		2.48	0.000240	0.28	71.75	81.99	0.10
El Clarin	2520	PF 1	2.88	-1.15	0.84		0.84	0.000028	0.13	22.95	17.26	0.03
El Clarin	2520	PF 2	17.70	-1.15	2.39		2.39	0.000265	0.29	61.82	73.17	0.10
El Clarin	2520	PF 3	20.00	-1.15	2.47		2.47	0.000314	0.29	67.97	87.89	0.11
El Clarin	2500	PF 1	2.88	-1.09	0.84		0.84	0.000030	0.13	22.54	17.19	0.04
El Clarin	2500	PF 2	17.70	-1.09	2.38		2.39	0.000318	0.30	58.98	74.63	0.11

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	2500	PF 3	20.00	-1.09	2.46		2.46	0.000377	0.31	65.38	91.69	0.12
El Clarin	2480	PF 1	2.88	-1.06	0.84		0.84	0.000031	0.13	22.23	17.11	0.04
El Clarin	2480	PF 2	17.70	-1.06	2.38		2.38	0.000335	0.31	57.99	74.51	0.11
El Clarin	2480	PF 3	20.00	-1.06	2.45		2.46	0.000426	0.31	64.52	97.38	0.12
El Clarin	2460	PF 1	2.88	-1.06	0.83		0.84	0.000032	0.13	21.95	16.90	0.04
El Clarin	2460	PF 2	17.70	-1.06	2.37		2.37	0.000317	0.30	58.09	71.81	0.11
El Clarin	2460	PF 3	20.00	-1.06	2.44		2.45	0.000437	0.31	64.29	98.44	0.12
El Clarin	2440	PF 1	2.88	-1.07	0.83		0.84	0.000035	0.14	21.24	16.41	0.04
El Clarin	2440	PF 2	17.70	-1.07	2.36		2.37	0.000313	0.30	58.93	73.78	0.11
El Clarin	2440	PF 3	20.00	-1.07	2.43		2.44	0.000393	0.31	64.97	93.19	0.12
El Clarin	2420	PF 1	2.88	-1.11	0.83		0.83	0.000039	0.14	20.08	15.55	0.04
El Clarin	2420	PF 2	17.70	-1.11	2.36		2.36	0.000306	0.30	59.79	75.08	0.11
El Clarin	2420	PF 3	20.00	-1.11	2.43		2.43	0.000349	0.31	65.34	86.28	0.11
El Clarin	2400	PF 1	2.88	-1.15	0.83		0.83	0.000043	0.15	19.10	14.79	0.04
El Clarin	2400	PF 2	17.70	-1.15	2.35		2.36	0.000296	0.29	60.69	76.23	0.10
El Clarin	2400	PF 3	20.00	-1.15	2.42		2.42	0.000407	0.30	66.10	100.00	0.12
El Clarin	2380	PF 1	2.88	-1.18	0.83		0.83	0.000047	0.16	18.34	14.11	0.04
El Clarin	2380	PF 2	17.70	-1.18	2.35		2.35	0.000290	0.29	60.91	75.64	0.10
El Clarin	2380	PF 3	20.00	-1.18	2.41		2.42	0.000403	0.30	66.27	100.00	0.12
El Clarin	2360	PF 1	2.88	-1.22	0.83		0.83	0.000050	0.16	17.65	13.40	0.05
El Clarin	2360	PF 2	17.70	-1.22	2.34		2.34	0.000291	0.29	60.61	74.84	0.10
El Clarin	2360	PF 3	20.00	-1.22	2.40		2.41	0.000408	0.30	66.03	100.00	0.12
El Clarin	2340	PF 1	2.88	-1.08	0.83		0.83	0.000073	0.19	15.53	12.89	0.05
El Clarin	2340	PF 2	17.70	-1.08	2.33		2.34	0.000282	0.29	61.00	74.39	0.10
El Clarin	2340	PF 3	20.00	-1.08	2.40		2.40	0.000397	0.30	66.55	100.00	0.12
El Clarin	2320	PF 1	2.88	-0.68	0.82		0.83	0.000213	0.25	11.32	13.07	0.09
El Clarin	2320	PF 2	17.70	-0.68	2.33		2.33	0.000264	0.28	63.38	78.05	0.10
El Clarin	2320	PF 3	20.00	-0.68	2.39		2.39	0.000349	0.29	69.15	100.00	0.11
El Clarin	2300	PF 1	2.88	-0.29	0.82		0.82	0.000459	0.28	10.33	18.94	0.12
El Clarin	2300	PF 2	17.70	-0.29	2.32		2.33	0.000280	0.27	65.76	89.92	0.10
El Clarin	2300	PF 3	20.00	-0.29	2.38		2.39	0.000311	0.28	71.60	100.00	0.11
El Clarin	2280	PF 1	2.88	-0.22	0.81		0.81	0.000251	0.23	12.37	18.95	0.09
El Clarin	2280	PF 2	17.70	-0.22	2.32		2.32	0.000270	0.26	68.96	98.69	0.10
El Clarin	2280	PF 3	20.00	-0.22	2.38		2.38	0.000268	0.27	74.80	100.00	0.10
El Clarin	2260	PF 1	2.88	-0.74	0.81		0.81	0.000089	0.17	16.67	18.49	0.06
El Clarin	2260	PF 2	17.70	-0.74	2.31		2.32	0.000233	0.24	72.40	100.00	0.09
El Clarin	2260	PF 3	20.00	-0.74	2.37		2.38	0.000230	0.26	78.25	100.00	0.09
El Clarin	2240	PF 1	2.88	-1.05	0.81		0.81	0.000053	0.15	19.36	18.12	0.05
El Clarin	2240	PF 2	17.70	-1.05	2.31		2.31	0.000214	0.24	74.37	100.00	0.09
El Clarin	2240	PF 3	20.00	-1.05	2.37		2.37	0.000212	0.25	80.23	100.00	0.09
El Clarin	2220	PF 1	2.88	-1.09	0.81		0.81	0.000056	0.16	17.69	14.75	0.05
El Clarin	2220	PF 2	17.70	-1.09	2.30		2.31	0.000242	0.25	71.69	100.00	0.09
El Clarin	2220	PF 3	20.00	-1.09	2.36		2.37	0.000238	0.26	77.55	100.00	0.09
El Clarin	2200	PF 1	2.88	-1.13	0.81		0.81	0.000060	0.17	16.49	12.79	0.05
El Clarin	2200	PF 2	17.70	-1.13	2.30		2.30	0.000264	0.25	69.91	100.00	0.10
El Clarin	2200	PF 3	20.00	-1.13	2.36		2.36	0.000258	0.26	75.78	100.00	0.10
El Clarin	2180	PF 1	2.88	-1.17	0.80		0.81	0.000064	0.18	15.59	11.39	0.05
El Clarin	2180	PF 2	17.70	-1.17	2.29		2.30	0.000276	0.26	69.04	100.00	0.10
El Clarin	2180	PF 3	20.00	-1.17	2.35		2.36	0.000268	0.27	74.92	100.00	0.10
El Clarin	2160	PF 1	2.88	-1.21	0.80		0.81	0.000074	0.20	14.68	10.82	0.05
El Clarin	2160	PF 2	17.70	-1.21	2.29		2.29	0.000292	0.26	67.95	100.00	0.10
El Clarin	2160	PF 3	20.00	-1.21	2.35		2.35	0.000283	0.27	73.85	100.00	0.10
El Clarin	2140	PF 1	2.88	-1.11	0.80		0.80	0.000107	0.22	12.83	10.20	0.06
El Clarin	2140	PF 2	17.70	-1.11	2.28		2.29	0.000292	0.26	67.98	100.00	0.10
El Clarin	2140	PF 3	20.00	-1.11	2.34		2.34	0.000282	0.27	73.89	100.00	0.10

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	2120	PF 1	2.88	-0.89	0.80		0.80	0.000271	0.29	9.96	11.07	0.10
El Clarin	2120	PF 2	17.70	-0.89	2.28		2.28	0.000280	0.26	68.77	100.00	0.10
El Clarin	2120	PF 3	20.00	-0.89	2.34		2.34	0.000272	0.27	74.70	100.00	0.10
El Clarin	2100	PF 1	2.88	-0.71	0.79		0.79	0.000457	0.32	9.10	13.27	0.12
El Clarin	2100	PF 2	17.70	-0.71	2.27		2.27	0.000252	0.25	70.97	100.00	0.09
El Clarin	2100	PF 3	20.00	-0.71	2.33		2.33	0.000246	0.26	76.92	100.00	0.09
El Clarin	2080	PF 1	2.88	-0.53	0.78		0.78	0.000463	0.29	9.84	16.67	0.12
El Clarin	2080	PF 2	17.70	-0.53	2.27		2.27	0.000203	0.23	75.61	100.00	0.09
El Clarin	2080	PF 3	20.00	-0.53	2.33		2.33	0.000202	0.25	81.57	100.00	0.09
El Clarin	2060	PF 1	2.88	-0.97	0.77		0.78	0.000193	0.22	13.26	18.42	0.08
El Clarin	2060	PF 2	17.70	-0.97	2.26		2.27	0.000156	0.22	81.89	100.00	0.08
El Clarin	2060	PF 3	20.00	-0.97	2.32		2.33	0.000157	0.23	87.85	100.00	0.08
El Clarin	2040	PF 1	2.88	-1.28	0.77		0.77	0.000076	0.15	19.27	23.41	0.05
El Clarin	2040	PF 2	17.70	-1.28	2.26		2.26	0.000091	0.18	96.14	100.00	0.06
El Clarin	2040	PF 3	20.00	-1.28	2.32		2.32	0.000095	0.20	102.09	100.00	0.06
El Clarin	2020	PF 1	2.88	-1.28	0.77		0.77	0.000057	0.12	23.54	31.17	0.04
El Clarin	2020	PF 2	17.70	-1.28	2.26		2.26	0.000058	0.16	109.95	100.00	0.05
El Clarin	2020	PF 3	20.00	-1.28	2.32		2.32	0.000063	0.17	115.89	100.00	0.05
El Clarin	2000	PF 1	2.88	-1.28	0.77		0.77	0.000057	0.11	25.06	36.52	0.04
El Clarin	2000	PF 2	17.70	-1.28	2.26		2.26	0.000043	0.15	120.63	100.00	0.04
El Clarin	2000	PF 3	20.00	-1.28	2.32		2.32	0.000047	0.16	126.56	100.00	0.04
El Clarin	1980	PF 1	2.88	-1.28	0.77		0.77	0.000050	0.11	26.38	37.61	0.04
El Clarin	1980	PF 2	17.70	-1.28	2.26		2.26	0.000036	0.14	127.98	100.00	0.04
El Clarin	1980	PF 3	20.00	-1.28	2.32		2.32	0.000039	0.15	133.91	100.00	0.04
El Clarin	1960	PF 1	2.88	-1.28	0.77		0.77	0.000043	0.11	27.09	36.17	0.04
El Clarin	1960	PF 2	17.70	-1.28	2.26		2.26	0.000037	0.14	126.20	100.00	0.04
El Clarin	1960	PF 3	20.00	-1.28	2.32		2.32	0.000041	0.15	132.12	100.00	0.04
El Clarin	1940	PF 1	2.88	-1.23	0.77		0.77	0.000054	0.12	23.27	28.51	0.04
El Clarin	1940	PF 2	17.70	-1.23	2.26		2.26	0.000061	0.16	109.62	100.00	0.05
El Clarin	1940	PF 3	20.00	-1.23	2.32		2.32	0.000065	0.17	115.53	100.00	0.05
El Clarin	1920	PF 1	2.88	-1.01	0.77		0.77	0.000141	0.20	14.44	17.55	0.07
El Clarin	1920	PF 2	17.70	-1.01	2.25		2.26	0.000134	0.20	86.34	100.00	0.07
El Clarin	1920	PF 3	20.00	-1.01	2.31		2.32	0.000137	0.22	92.24	100.00	0.07
El Clarin	1900	PF 1	2.88	-0.86	0.76		0.76	0.000165	0.23	12.38	13.59	0.08
El Clarin	1900	PF 2	17.70	-0.86	2.25		2.25	0.000279	0.26	68.97	100.00	0.10
El Clarin	1900	PF 3	20.00	-0.86	2.31		2.31	0.000271	0.27	74.86	100.00	0.10
El Clarin	1880	PF 1	2.88	-0.82	0.76		0.76	0.000163	0.24	12.03	12.50	0.08
El Clarin	1880	PF 2	17.70	-0.82	2.24		2.25	0.000315	0.27	66.33	100.00	0.10
El Clarin	1880	PF 3	20.00	-0.82	2.30		2.31	0.000303	0.28	72.24	100.00	0.10
El Clarin	1860	PF 1	2.88	-0.95	0.76		0.76	0.000124	0.22	12.90	12.13	0.07
El Clarin	1860	PF 2	17.70	-0.95	2.24		2.24	0.000321	0.27	65.98	100.00	0.11
El Clarin	1860	PF 3	20.00	-0.95	2.30		2.30	0.000308	0.28	71.92	100.00	0.10
El Clarin	1840	PF 1	2.88	-1.08	0.75		0.76	0.000092	0.20	14.09	12.14	0.06
El Clarin	1840	PF 2	17.70	-1.08	2.23		2.23	0.000299	0.26	67.39	100.00	0.10
El Clarin	1840	PF 3	20.00	-1.08	2.29		2.29	0.000288	0.27	73.34	100.00	0.10
El Clarin	1820	PF 1	2.88	-1.10	0.75		0.75	0.000099	0.21	13.68	11.86	0.06
El Clarin	1820	PF 2	17.70	-1.10	2.22		2.23	0.000286	0.26	68.30	100.00	0.10
El Clarin	1820	PF 3	20.00	-1.10	2.28		2.29	0.000277	0.27	74.28	100.00	0.10
El Clarin	1800	PF 1	2.88	-1.11	0.75		0.75	0.000110	0.22	13.15	11.61	0.07
El Clarin	1800	PF 2	17.70	-1.11	2.22		2.22	0.000275	0.26	68.82	98.69	0.10
El Clarin	1800	PF 3	20.00	-1.11	2.28		2.28	0.000271	0.27	74.80	100.00	0.10
El Clarin	1780	PF 1	2.88	-1.12	0.75		0.75	0.000127	0.23	12.51	11.36	0.07
El Clarin	1780	PF 2	17.70	-1.12	2.21		2.22	0.000261	0.26	69.20	96.18	0.10
El Clarin	1780	PF 3	20.00	-1.12	2.27		2.28	0.000267	0.27	75.11	100.00	0.10
El Clarin	1760	PF 1	2.88	-1.13	0.74		0.75	0.000153	0.25	11.75	11.12	0.08
El Clarin	1760	PF 2	17.70	-1.13	2.21		2.21	0.000258	0.26	69.26	95.58	0.10

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	1760	PF 3	20.00	-1.13	2.27		2.27	0.000261	0.27	75.06	98.24	0.10
El Clarin	1740	PF 1	2.88	-1.15	0.74		0.74	0.000166	0.25	11.38	10.92	0.08
El Clarin	1740	PF 2	17.70	-1.15	2.20		2.21	0.000251	0.25	69.67	95.04	0.09
El Clarin	1740	PF 3	20.00	-1.15	2.26		2.27	0.000256	0.27	75.43	97.88	0.10
El Clarin	1720	PF 1	2.88	-1.17	0.74		0.74	0.000134	0.24	12.15	10.92	0.07
El Clarin	1720	PF 2	17.70	-1.17	2.20		2.20	0.000228	0.25	72.21	96.56	0.09
El Clarin	1720	PF 3	20.00	-1.17	2.26		2.26	0.000234	0.26	78.12	100.00	0.09
El Clarin	1700	PF 1	2.88	-1.19	0.74		0.74	0.000109	0.22	12.95	10.84	0.06
El Clarin	1700	PF 2	17.70	-1.19	2.19		2.20	0.000208	0.24	75.21	100.00	0.09
El Clarin	1700	PF 3	20.00	-1.19	2.25		2.26	0.000206	0.25	81.17	100.00	0.09
El Clarin	1680	PF 1	2.88	-1.21	0.73		0.74	0.000089	0.21	13.78	10.90	0.06
El Clarin	1680	PF 2	17.70	-1.21	2.19		2.19	0.000177	0.22	78.98	100.00	0.08
El Clarin	1680	PF 3	20.00	-1.21	2.25		2.25	0.000178	0.24	84.94	100.00	0.08
El Clarin	1660	PF 1	2.88	-1.24	0.73		0.73	0.000074	0.20	14.60	10.95	0.05
El Clarin	1660	PF 2	17.70	-1.24	2.19		2.19	0.000144	0.21	84.12	100.00	0.07
El Clarin	1660	PF 3	20.00	-1.24	2.25		2.25	0.000146	0.22	90.07	100.00	0.07
El Clarin	1640	PF 1	2.88	-1.26	0.73		0.73	0.000068	0.19	15.05	11.05	0.05
El Clarin	1640	PF 2	17.70	-1.26	2.19		2.19	0.000122	0.20	88.39	100.00	0.07
El Clarin	1640	PF 3	20.00	-1.26	2.25		2.25	0.000125	0.21	94.34	100.00	0.07
El Clarin	1620	PF 1	2.88	-1.22	0.73		0.73	0.000072	0.19	14.96	11.45	0.05
El Clarin	1620	PF 2	17.70	-1.22	2.18		2.19	0.000122	0.20	88.31	100.00	0.07
El Clarin	1620	PF 3	20.00	-1.22	2.24		2.25	0.000126	0.21	94.25	100.00	0.07
El Clarin	1600	PF 1	2.88	-1.18	0.73		0.73	0.000076	0.19	14.93	11.92	0.06
El Clarin	1600	PF 2	17.70	-1.18	2.18		2.18	0.000126	0.20	87.55	100.00	0.07
El Clarin	1600	PF 3	20.00	-1.18	2.24		2.24	0.000129	0.21	93.49	100.00	0.07
El Clarin	1580	PF 1	2.88	-1.15	0.73		0.73	0.000088	0.19	15.07	13.88	0.06
El Clarin	1580	PF 2	17.70	-1.15	2.18		2.18	0.000138	0.21	85.04	100.00	0.07
El Clarin	1580	PF 3	20.00	-1.15	2.24		2.24	0.000141	0.22	90.97	100.00	0.07
El Clarin	1560	PF 1	2.88	-1.20	0.72		0.73	0.000083	0.19	15.30	13.84	0.06
El Clarin	1560	PF 2	17.70	-1.20	2.18		2.18	0.000158	0.22	81.75	100.00	0.08
El Clarin	1560	PF 3	20.00	-1.20	2.23		2.24	0.000160	0.23	87.67	100.00	0.08
El Clarin	1540	PF 1	2.88	-1.22	0.72		0.72	0.000087	0.19	15.09	13.95	0.06
El Clarin	1540	PF 2	17.70	-1.22	2.17		2.17	0.000176	0.22	79.05	100.00	0.08
El Clarin	1540	PF 3	20.00	-1.22	2.23		2.23	0.000177	0.24	84.96	100.00	0.08
El Clarin	1520	PF 1	2.88	-1.16	0.72		0.72	0.000107	0.20	14.18	13.93	0.06
El Clarin	1520	PF 2	17.70	-1.16	2.17		2.17	0.000182	0.23	78.30	100.00	0.08
El Clarin	1520	PF 3	20.00	-1.16	2.23		2.23	0.000183	0.24	84.21	100.00	0.08
El Clarin	1500	PF 1	2.88	-1.09	0.72		0.72	0.000114	0.21	13.76	13.40	0.07
El Clarin	1500	PF 2	17.70	-1.09	2.16		2.17	0.000191	0.23	77.17	100.00	0.08
El Clarin	1500	PF 3	20.00	-1.09	2.22		2.23	0.000191	0.24	83.09	100.00	0.08
El Clarin	1480	PF 1	2.88	-1.19	0.72		0.72	0.000108	0.21	13.67	12.43	0.06
El Clarin	1480	PF 2	17.70	-1.19	2.16		2.16	0.000213	0.24	74.81	100.00	0.09
El Clarin	1480	PF 3	20.00	-1.19	2.22		2.22	0.000211	0.25	80.72	100.00	0.09
El Clarin	1460	PF 1	2.88	-1.42	0.71		0.72	0.000086	0.20	14.13	11.15	0.06
El Clarin	1460	PF 2	17.70	-1.42	2.15		2.16	0.000249	0.25	71.37	100.00	0.09
El Clarin	1460	PF 3	20.00	-1.42	2.21		2.22	0.000244	0.26	77.30	100.00	0.09
El Clarin	1440	PF 1	2.88	-1.55	0.71		0.71	0.000075	0.20	14.67	11.00	0.05
El Clarin	1440	PF 2	17.70	-1.55	2.15		2.15	0.000272	0.25	69.48	100.00	0.10
El Clarin	1440	PF 3	20.00	-1.55	2.21		2.21	0.000265	0.27	75.42	100.00	0.10
El Clarin	1420	PF 1	2.88	-1.41	0.71		0.71	0.000076	0.19	14.79	11.44	0.05
El Clarin	1420	PF 2	17.70	-1.41	2.14		2.15	0.000247	0.25	71.50	100.00	0.09
El Clarin	1420	PF 3	20.00	-1.41	2.20		2.21	0.000242	0.26	77.45	100.00	0.09
El Clarin	1400	PF 1	2.88	-1.28	0.71		0.71	0.000076	0.19	15.38	12.76	0.05
El Clarin	1400	PF 2	17.70	-1.28	2.14		2.14	0.000217	0.24	74.34	100.00	0.09
El Clarin	1400	PF 3	20.00	-1.28	2.20		2.20	0.000215	0.25	80.29	100.00	0.09

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	1380	PF 1	2.88	-1.22	0.71		0.71	0.000064	0.18	16.38	13.07	0.05
El Clarin	1380	PF 2	17.70	-1.22	2.14		2.14	0.000183	0.23	78.24	100.00	0.08
El Clarin	1380	PF 3	20.00	-1.22	2.20		2.20	0.000183	0.24	84.20	100.00	0.08
El Clarin	1360	PF 1	2.88	-1.22	0.71		0.71	0.000058	0.16	17.73	15.14	0.05
El Clarin	1360	PF 2	17.70	-1.22	2.13		2.14	0.000154	0.21	82.39	100.00	0.08
El Clarin	1360	PF 3	20.00	-1.22	2.19		2.20	0.000156	0.23	88.35	100.00	0.08
El Clarin	1340	PF 1	2.88	-1.20	0.71		0.71	0.000056	0.16	18.24	15.92	0.05
El Clarin	1340	PF 2	17.70	-1.20	2.13		2.13	0.000140	0.21	84.68	100.00	0.07
El Clarin	1340	PF 3	20.00	-1.20	2.19		2.19	0.000143	0.22	90.63	100.00	0.07
El Clarin	1320	PF 1	2.88	-1.22	0.70		0.71	0.000065	0.17	16.72	14.04	0.05
El Clarin	1320	PF 2	17.70	-1.22	2.13		2.13	0.000140	0.21	84.77	100.00	0.07
El Clarin	1320	PF 3	20.00	-1.22	2.19		2.19	0.000143	0.22	90.71	100.00	0.07
El Clarin	1300	PF 1	2.88	-1.24	0.70		0.70	0.000084	0.18	15.89	15.08	0.06
El Clarin	1300	PF 2	17.70	-1.24	2.12		2.13	0.000132	0.21	86.25	100.00	0.07
El Clarin	1300	PF 3	20.00	-1.24	2.18		2.19	0.000135	0.22	92.19	100.00	0.07
El Clarin	1280	PF 1	2.88	-1.26	0.70		0.70	0.000089	0.18	15.58	14.97	0.06
El Clarin	1280	PF 2	17.70	-1.26	2.12		2.12	0.000121	0.20	88.53	100.00	0.07
El Clarin	1280	PF 3	20.00	-1.26	2.18		2.18	0.000125	0.21	94.46	100.00	0.07
El Clarin	1260	PF 1	2.88	-1.44	0.70		0.70	0.000080	0.18	16.18	15.10	0.05
El Clarin	1260	PF 2	17.70	-1.44	2.12		2.12	0.000102	0.19	93.33	100.00	0.06
El Clarin	1260	PF 3	20.00	-1.44	2.18		2.18	0.000106	0.20	99.26	100.00	0.06
El Clarin	1240	PF 1	2.88	-1.39	0.70		0.70	0.000124	0.22	13.39	12.99	0.07
El Clarin	1240	PF 2	17.70	-1.39	2.12		2.12	0.000108	0.19	91.62	100.00	0.06
El Clarin	1240	PF 3	20.00	-1.39	2.18		2.18	0.000112	0.21	97.54	100.00	0.07
El Clarin	1220	PF 1	2.88	-0.68	0.69		0.69	0.000608	0.41	6.97	8.32	0.14
El Clarin	1220	PF 2	17.70	-0.68	2.11		2.12	0.000154	0.21	82.39	100.00	0.08
El Clarin	1220	PF 3	20.00	-0.68	2.17		2.18	0.000157	0.23	88.29	100.00	0.08
El Clarin	1200	PF 1	2.88	0.03	0.63		0.66	0.009333	0.82	3.53	12.25	0.49
El Clarin	1200	PF 2	17.70	0.03	2.11		2.11	0.000237	0.24	72.45	100.00	0.09
El Clarin	1200	PF 3	20.00	0.03	2.17		2.17	0.000233	0.26	78.35	100.00	0.09
El Clarin	1180	PF 1	2.88	-0.42	0.51		0.54	0.004268	0.79	3.63	7.14	0.36
El Clarin	1180	PF 2	17.70	-0.42	2.10		2.11	0.000341	0.27	64.91	100.00	0.11
El Clarin	1180	PF 3	20.00	-0.42	2.16		2.17	0.000326	0.28	70.83	100.00	0.11
El Clarin	1160	PF 1	2.88	-0.97	0.50		0.51	0.000597	0.40	7.15	8.79	0.14
El Clarin	1160	PF 2	17.70	-0.97	2.09		2.10	0.000510	0.31	57.52	100.00	0.13
El Clarin	1160	PF 3	20.00	-0.97	2.15		2.16	0.000469	0.31	63.50	100.00	0.13
El Clarin	1140	PF 1	2.88	-1.35	0.49		0.50	0.000246	0.30	9.72	9.62	0.09
El Clarin	1140	PF 2	17.70	-1.35	2.08		2.09	0.000728	0.34	51.69	100.00	0.15
El Clarin	1140	PF 3	20.00	-1.35	2.14		2.15	0.000641	0.35	57.80	100.00	0.15
El Clarin	1120	PF 1	2.88	-1.33	0.49		0.49	0.000247	0.30	9.61	9.28	0.09
El Clarin	1120	PF 2	17.70	-1.33	2.07		2.07	0.000724	0.34	51.75	100.00	0.15
El Clarin	1120	PF 3	20.00	-1.33	2.13		2.14	0.000632	0.34	58.04	100.00	0.14
El Clarin	1100	PF 1	2.88	-1.31	0.48		0.49	0.000237	0.29	9.77	9.34	0.09
El Clarin	1100	PF 2	17.70	-1.31	2.05		2.06	0.000640	0.33	53.72	100.00	0.14
El Clarin	1100	PF 3	20.00	-1.31	2.12		2.12	0.000561	0.33	60.18	100.00	0.14
El Clarin	1080	PF 1	2.88	-1.35	0.48		0.48	0.000213	0.28	10.14	9.46	0.09
El Clarin	1080	PF 2	17.70	-1.35	2.04		2.05	0.000524	0.31	57.07	100.00	0.13
El Clarin	1080	PF 3	20.00	-1.35	2.11		2.11	0.000466	0.31	63.66	100.00	0.13
El Clarin	1060	PF 1	2.88	-1.40	0.48		0.48	0.000181	0.27	10.76	9.73	0.08
El Clarin	1060	PF 2	17.70	-1.40	2.03		2.04	0.000393	0.29	61.98	98.85	0.12
El Clarin	1060	PF 3	20.00	-1.40	2.10		2.10	0.000363	0.29	68.64	100.00	0.11
El Clarin	1040	PF 1	2.88	-1.51	0.47		0.48	0.000161	0.26	11.21	9.96	0.08
El Clarin	1040	PF 2	17.70	-1.51	2.03		2.03	0.000300	0.26	67.33	99.22	0.10
El Clarin	1040	PF 3	20.00	-1.51	2.09		2.10	0.000283	0.27	74.03	100.00	0.10
El Clarin	1020	PF 1	2.88	-1.47	0.47		0.47	0.000153	0.25	11.53	10.38	0.08
El Clarin	1020	PF 2	17.70	-1.47	2.02		2.03	0.000263	0.25	70.26	100.00	0.10

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	1020	PF 3	20.00	-1.47	2.09		2.09	0.000248	0.26	77.01	100.00	0.09
El Clarin	1000	PF 1	2.88	-1.43	0.47		0.47	0.000148	0.24	11.77	10.74	0.07
El Clarin	1000	PF 2	17.70	-1.43	2.02		2.02	0.000211	0.24	75.05	100.00	0.09
El Clarin	1000	PF 3	20.00	-1.43	2.09		2.09	0.000202	0.24	81.82	100.00	0.09
El Clarin	980	PF 1	2.88	-1.39	0.46		0.47	0.000147	0.24	12.00	11.30	0.07
El Clarin	980	PF 2	17.70	-1.39	2.01		2.02	0.000169	0.22	80.19	100.00	0.08
El Clarin	980	PF 3	20.00	-1.39	2.08		2.08	0.000165	0.23	86.97	100.00	0.08
El Clarin	960	PF 1	2.88	-1.34	0.46		0.46	0.000137	0.23	12.41	11.84	0.07
El Clarin	960	PF 2	17.70	-1.34	2.01		2.01	0.000158	0.22	81.70	100.00	0.08
El Clarin	960	PF 3	20.00	-1.34	2.08		2.08	0.000155	0.23	88.49	100.00	0.08
El Clarin	940	PF 1	2.88	-1.30	0.46		0.46	0.000135	0.23	12.79	12.73	0.07
El Clarin	940	PF 2	17.70	-1.30	2.01		2.01	0.000149	0.21	83.13	100.00	0.07
El Clarin	940	PF 3	20.00	-1.30	2.08		2.08	0.000147	0.22	89.93	100.00	0.07
El Clarin	920	PF 1	2.88	-1.24	0.46		0.46	0.000145	0.22	12.98	14.09	0.07
El Clarin	920	PF 2	17.70	-1.24	2.01		2.01	0.000130	0.20	86.55	100.00	0.07
El Clarin	920	PF 3	20.00	-1.24	2.07		2.08	0.000129	0.21	93.35	100.00	0.07
El Clarin	900	PF 1	2.88	-1.18	0.45		0.46	0.000155	0.21	13.85	17.65	0.07
El Clarin	900	PF 2	17.70	-1.18	2.00		2.00	0.000112	0.20	90.45	100.00	0.07
El Clarin	900	PF 3	20.00	-1.18	2.07		2.07	0.000113	0.21	97.25	100.00	0.07
El Clarin	880	PF 1	2.88	-1.12	0.45		0.45	0.000124	0.19	15.35	19.39	0.07
El Clarin	880	PF 2	17.70	-1.12	2.00		2.00	0.000096	0.19	94.83	100.00	0.06
El Clarin	880	PF 3	20.00	-1.12	2.07		2.07	0.000097	0.20	101.63	100.00	0.06
El Clarin	860	PF 1	2.88	-1.07	0.45		0.45	0.000096	0.17	16.77	20.10	0.06
El Clarin	860	PF 2	17.70	-1.07	2.00		2.00	0.000084	0.18	98.46	100.00	0.06
El Clarin	860	PF 3	20.00	-1.07	2.07		2.07	0.000086	0.19	105.25	100.00	0.06
El Clarin	840	PF 1	2.88	-1.16	0.45		0.45	0.000078	0.16	17.77	19.80	0.05
El Clarin	840	PF 2	17.70	-1.16	2.00		2.00	0.000082	0.18	99.10	100.00	0.06
El Clarin	840	PF 3	20.00	-1.16	2.07		2.07	0.000085	0.19	105.89	100.00	0.06
El Clarin	820	PF 1	2.88	-1.20	0.45		0.45	0.000093	0.17	16.64	19.07	0.06
El Clarin	820	PF 2	17.70	-1.20	2.00		2.00	0.000100	0.19	93.51	100.00	0.06
El Clarin	820	PF 3	20.00	-1.20	2.06		2.07	0.000102	0.20	100.30	100.00	0.06
El Clarin	800	PF 1	2.88	-1.24	0.44		0.45	0.000090	0.18	15.96	16.63	0.06
El Clarin	800	PF 2	17.70	-1.24	1.99		2.00	0.000125	0.20	87.51	100.00	0.07
El Clarin	800	PF 3	20.00	-1.24	2.06		2.06	0.000125	0.21	94.30	100.00	0.07
El Clarin	780	PF 1	2.88	-1.27	0.44		0.44	0.000080	0.18	15.80	14.82	0.06
El Clarin	780	PF 2	17.70	-1.27	1.99		1.99	0.000101	0.21	82.70	73.45	0.06
El Clarin	780	PF 3	20.00	-1.27	2.06		2.06	0.000109	0.23	87.72	74.77	0.07
El Clarin	760	PF 1	2.88	-1.35	0.44		0.44	0.000071	0.18	16.12	14.12	0.05
El Clarin	760	PF 2	17.70	-1.35	1.99		1.99	0.000107	0.22	81.07	72.46	0.07
El Clarin	760	PF 3	20.00	-1.35	2.06		2.06	0.000115	0.23	86.01	73.76	0.07
El Clarin	740	PF 1	2.88	-1.35	0.44		0.44	0.000071	0.18	16.07	13.96	0.05
El Clarin	740	PF 2	17.70	-1.35	1.99		1.99	0.000120	0.23	78.41	72.60	0.07
El Clarin	740	PF 3	20.00	-1.35	2.05		2.06	0.000128	0.24	83.34	73.86	0.07
El Clarin	720	PF 1	2.88	-1.31	0.44		0.44	0.000094	0.19	14.80	14.04	0.06
El Clarin	720	PF 2	17.70	-1.31	1.98		1.99	0.000136	0.23	75.67	72.97	0.07
El Clarin	720	PF 3	20.00	-1.31	2.05		2.05	0.000144	0.25	80.62	74.52	0.08
El Clarin	700	PF 1	2.88	-1.31	0.43		0.44	0.000123	0.21	13.66	13.98	0.07
El Clarin	700	PF 2	17.70	-1.31	1.98		1.98	0.000153	0.24	73.43	74.40	0.08
El Clarin	700	PF 3	20.00	-1.31	2.05		2.05	0.000164	0.25	78.51	77.05	0.08
El Clarin	680	PF 1	2.88	-1.32	0.43		0.43	0.000105	0.21	13.43	11.70	0.06
El Clarin	680	PF 2	17.70	-1.32	1.98		1.98	0.000169	0.24	72.39	77.32	0.08
El Clarin	680	PF 3	20.00	-1.32	2.04		2.05	0.000178	0.26	77.63	79.66	0.08
El Clarin	660	PF 1	2.88	-1.35	0.43		0.43	0.000098	0.21	13.68	11.63	0.06
El Clarin	660	PF 2	17.70	-1.35	1.97		1.98	0.000169	0.24	73.21	79.21	0.08
El Clarin	660	PF 3	20.00	-1.35	2.04		2.04	0.000177	0.25	78.57	81.55	0.08

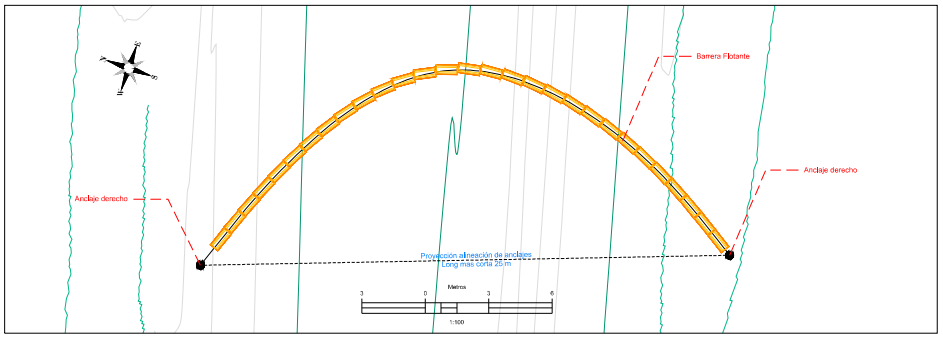
HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

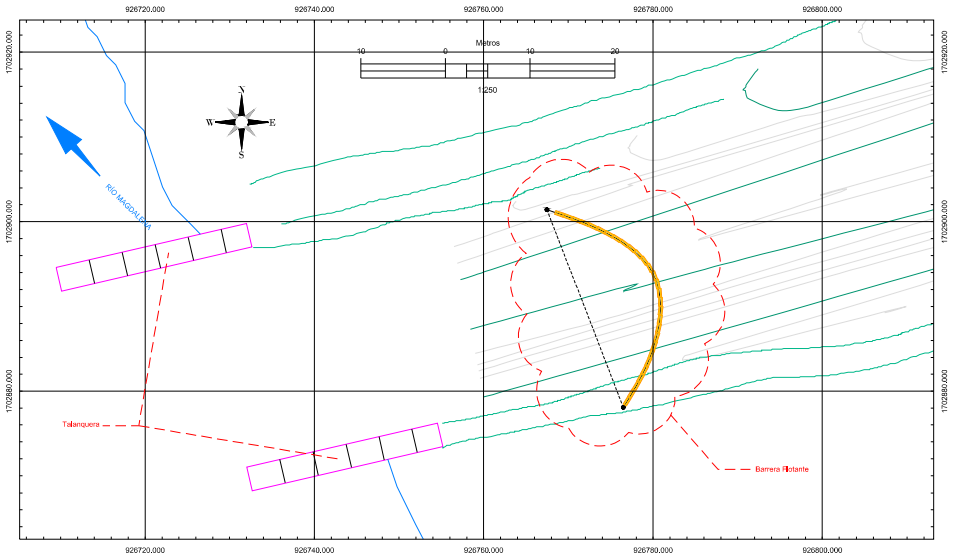
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	640	PF 1	2.88	-1.34	0.43		0.43	0.000115	0.21	13.66	13.23	0.07
El Clarin	640	PF 2	17.70	-1.34	1.97		1.97	0.000146	0.23	77.38	81.79	0.08
El Clarin	640	PF 3	20.00	-1.34	2.04		2.04	0.000154	0.24	82.89	84.18	0.08
El Clarin	620	PF 1	2.88	-1.31	0.43		0.43	0.000130	0.23	12.41	11.25	0.07
El Clarin	620	PF 2	17.70	-1.31	1.97		1.97	0.000116	0.21	83.92	84.06	0.07
El Clarin	620	PF 3	20.00	-1.31	2.03		2.04	0.000124	0.22	89.57	86.61	0.07
El Clarin	600	PF 1	2.88	-1.28	0.42		0.43	0.000151	0.25	11.71	10.82	0.08
El Clarin	600	PF 2	17.70	-1.28	1.97		1.97	0.000097	0.20	89.09	85.55	0.06
El Clarin	600	PF 3	20.00	-1.28	2.03		2.03	0.000109	0.21	94.84	90.75	0.07
El Clarin	580	PF 1	2.88	-1.29	0.42		0.42	0.000182	0.25	11.67	12.49	0.08
El Clarin	580	PF 2	17.70	-1.29	1.96		1.97	0.000090	0.19	91.68	86.56	0.06
El Clarin	580	PF 3	20.00	-1.29	2.03		2.03	0.000112	0.20	97.63	100.00	0.07
El Clarin	560	PF 1	2.88	-1.29	0.42		0.42	0.000146	0.23	12.29	12.06	0.07
El Clarin	560	PF 2	17.70	-1.29	1.96		1.96	0.000087	0.19	93.58	88.95	0.06
El Clarin	560	PF 3	20.00	-1.29	2.03		2.03	0.000104	0.20	99.99	100.00	0.06
El Clarin	540	PF 1	2.88	-1.32	0.41		0.42	0.000128	0.23	12.69	11.81	0.07
El Clarin	540	PF 2	17.70	-1.32	1.96		1.96	0.000100	0.19	93.99	100.00	0.06
El Clarin	540	PF 3	20.00	-1.32	2.03		2.03	0.000102	0.20	100.51	100.00	0.06
El Clarin	520	PF 1	2.88	-1.38	0.41		0.41	0.000140	0.24	12.22	11.47	0.07
El Clarin	520	PF 2	17.70	-1.38	1.96		1.96	0.000099	0.19	94.27	100.00	0.06
El Clarin	520	PF 3	20.00	-1.38	2.02		2.03	0.000101	0.20	100.79	100.00	0.06
El Clarin	500	PF 1	2.88	-1.43	0.41		0.41	0.000151	0.24	11.84	11.16	0.08
El Clarin	500	PF 2	17.70	-1.43	1.96		1.96	0.000097	0.19	94.55	100.00	0.06
El Clarin	500	PF 3	20.00	-1.43	2.02		2.02	0.000100	0.20	101.06	100.00	0.06
El Clarin	480	PF 1	2.88	-1.49	0.40		0.41	0.000153	0.25	11.60	10.69	0.08
El Clarin	480	PF 2	17.70	-1.49	1.95		1.96	0.000096	0.19	94.92	100.00	0.06
El Clarin	480	PF 3	20.00	-1.49	2.02		2.02	0.000098	0.20	101.43	100.00	0.06
El Clarin	460	PF 1	2.88	-1.55	0.40		0.40	0.000144	0.25	11.59	10.09	0.07
El Clarin	460	PF 2	17.70	-1.55	1.95		1.95	0.000093	0.18	95.71	100.00	0.06
El Clarin	460	PF 3	20.00	-1.55	2.02		2.02	0.000096	0.20	102.22	100.00	0.06
El Clarin	440	PF 1	2.88	-1.59	0.40		0.40	0.000144	0.25	11.63	10.17	0.07
El Clarin	440	PF 2	17.70	-1.59	1.95		1.95	0.000090	0.18	96.68	100.00	0.06
El Clarin	440	PF 3	20.00	-1.59	2.02		2.02	0.000093	0.19	103.18	100.00	0.06
El Clarin	420	PF 1	2.88	-1.57	0.39		0.40	0.000182	0.26	10.90	10.22	0.08
El Clarin	420	PF 2	17.70	-1.57	1.95		1.95	0.000091	0.18	96.49	100.00	0.06
El Clarin	420	PF 3	20.00	-1.57	2.01		2.02	0.000094	0.19	102.99	100.00	0.06
El Clarin	400	PF 1	2.88	-1.56	0.39		0.39	0.000235	0.28	10.16	10.27	0.09
El Clarin	400	PF 2	17.70	-1.56	1.95		1.95	0.000104	0.19	92.81	100.00	0.06
El Clarin	400	PF 3	20.00	-1.56	2.01		2.01	0.000106	0.20	99.30	100.00	0.06
El Clarin	380	PF 1	2.88	-1.54	0.38		0.39	0.000298	0.30	9.48	10.27	0.10
El Clarin	380	PF 2	17.70	-1.54	1.95		1.95	0.000113	0.20	90.45	100.00	0.07
El Clarin	380	PF 3	20.00	-1.54	2.01		2.01	0.000115	0.21	96.94	100.00	0.07
El Clarin	360	PF 1	2.88	-1.52	0.38		0.38	0.000234	0.30	9.50	8.48	0.09
El Clarin	360	PF 2	17.70	-1.52	1.94		1.94	0.000121	0.20	88.76	100.00	0.07
El Clarin	360	PF 3	20.00	-1.52	2.01		2.01	0.000122	0.21	95.24	100.00	0.07
El Clarin	340	PF 1	2.88	-1.51	0.37		0.38	0.000208	0.29	9.81	8.38	0.09
El Clarin	340	PF 2	17.70	-1.51	1.94		1.94	0.000127	0.20	87.48	100.00	0.07
El Clarin	340	PF 3	20.00	-1.51	2.00		2.01	0.000128	0.21	93.96	100.00	0.07
El Clarin	320	PF 1	2.88	-1.49	0.37		0.37	0.000214	0.30	9.76	8.46	0.09
El Clarin	320	PF 2	17.70	-1.49	1.94		1.94	0.000132	0.20	86.48	100.00	0.07
El Clarin	320	PF 3	20.00	-1.49	2.00		2.00	0.000132	0.22	92.96	100.00	0.07
El Clarin	300	PF 1	2.88	-1.48	0.37		0.37	0.000231	0.28	10.25	10.37	0.09
El Clarin	300	PF 2	17.70	-1.48	1.93		1.94	0.000135	0.21	85.70	100.00	0.07
El Clarin	300	PF 3	20.00	-1.48	2.00		2.00	0.000136	0.22	92.18	100.00	0.07
El Clarin	280	PF 1	2.88	-1.47	0.36		0.37	0.000172	0.26	11.11	10.23	0.08
El Clarin	280	PF 2	17.70	-1.47	1.93		1.93	0.000139	0.21	85.07	100.00	0.07

HEC-RAS Plan: Plan_01 River: Eje (1) Reach: El Clarin (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
El Clarin	280	PF 3	20.00	-1.47	2.00		2.00	0.000139	0.22	91.54	100.00	0.07
El Clarin	260	PF 1	2.88	-1.46	0.36		0.36	0.000130	0.24	11.98	10.03	0.07
El Clarin	260	PF 2	17.70	-1.46	1.93		1.93	0.000141	0.21	84.71	100.00	0.07
El Clarin	260	PF 3	20.00	-1.46	1.99		2.00	0.000141	0.22	91.18	100.00	0.07
El Clarin	240	PF 1	2.88	-1.42	0.36		0.36	0.000118	0.23	12.30	10.04	0.07
El Clarin	240	PF 2	17.70	-1.42	1.93		1.93	0.000142	0.21	84.50	100.00	0.07
El Clarin	240	PF 3	20.00	-1.42	1.99		1.99	0.000142	0.22	90.97	100.00	0.07
El Clarin	220	PF 1	2.88	-1.34	0.35		0.36	0.000160	0.25	11.32	10.34	0.08
El Clarin	220	PF 2	17.70	-1.34	1.92		1.93	0.000139	0.21	85.05	100.00	0.07
El Clarin	220	PF 3	20.00	-1.34	1.99		1.99	0.000139	0.22	91.52	100.00	0.07
El Clarin	200	PF 1	2.88	-1.35	0.35		0.35	0.000187	0.26	10.95	10.75	0.08
El Clarin	200	PF 2	17.70	-1.35	1.92		1.92	0.000133	0.21	86.08	100.00	0.07
El Clarin	200	PF 3	20.00	-1.35	1.99		1.99	0.000134	0.22	92.55	100.00	0.07
El Clarin	180	PF 1	2.88	-1.35	0.35		0.35	0.000177	0.26	11.23	11.00	0.08
El Clarin	180	PF 2	17.70	-1.35	1.92		1.92	0.000128	0.20	87.21	100.00	0.07
El Clarin	180	PF 3	20.00	-1.35	1.98		1.99	0.000128	0.21	93.68	100.00	0.07
El Clarin	160	PF 1	2.88	-1.55	0.34		0.35	0.000141	0.23	12.29	11.67	0.07
El Clarin	160	PF 2	17.70	-1.55	1.92		1.92	0.000120	0.20	88.82	100.00	0.07
El Clarin	160	PF 3	20.00	-1.55	1.98		1.98	0.000121	0.21	95.29	100.00	0.07
El Clarin	140	PF 1	2.88	-1.59	0.34		0.34	0.000117	0.23	12.70	10.96	0.07
El Clarin	140	PF 2	17.70	-1.59	1.91		1.92	0.000115	0.20	89.96	100.00	0.07
El Clarin	140	PF 3	20.00	-1.59	1.98		1.98	0.000117	0.21	96.43	100.00	0.07
El Clarin	120	PF 1	2.88	-1.22	0.34		0.34	0.000229	0.27	10.52	11.48	0.09
El Clarin	120	PF 2	17.70	-1.22	1.91		1.91	0.000118	0.20	89.25	100.00	0.07
El Clarin	120	PF 3	20.00	-1.22	1.98		1.98	0.000119	0.21	95.71	100.00	0.07
El Clarin	100	PF 1	2.88	-0.91	0.33		0.33	0.000445	0.30	9.73	15.97	0.12
El Clarin	100	PF 2	17.70	-0.91	1.91		1.91	0.000120	0.20	88.65	100.00	0.07
El Clarin	100	PF 3	20.00	-0.91	1.97		1.98	0.000122	0.21	95.11	100.00	0.07
El Clarin	80	PF 1	2.88	-0.78	0.32		0.33	0.000365	0.28	10.13	15.22	0.11
El Clarin	80	PF 2	17.70	-0.78	1.91		1.91	0.000120	0.20	88.80	100.00	0.07
El Clarin	80	PF 3	20.00	-0.78	1.97		1.97	0.000121	0.21	95.26	100.00	0.07
El Clarin	60	PF 1	2.88	-0.93	0.32		0.32	0.000238	0.26	11.11	13.91	0.09
El Clarin	60	PF 2	17.70	-0.93	1.90		1.91	0.000119	0.20	88.97	100.00	0.07
El Clarin	60	PF 3	20.00	-0.93	1.97		1.97	0.000120	0.21	95.42	100.00	0.07
El Clarin	40	PF 1	2.88	-1.26	0.31		0.32	0.000150	0.23	12.45	13.08	0.08
El Clarin	40	PF 2	17.70	-1.26	1.90		1.90	0.000118	0.20	89.26	100.00	0.07
El Clarin	40	PF 3	20.00	-1.26	1.97		1.97	0.000119	0.21	95.71	100.00	0.07
El Clarin	20	PF 1	2.88	-1.29	0.31		0.31	0.000149	0.24	12.19	12.16	0.08
El Clarin	20	PF 2	17.70	-1.29	1.90		1.90	0.000126	0.20	87.50	100.00	0.07
El Clarin	20	PF 3	20.00	-1.29	1.96		1.97	0.000127	0.21	93.95	100.00	0.07
El Clarin	0	PF 1	2.88	-1.31	0.31	-0.83	0.31	0.000140	0.24	12.19	11.54	0.07
El Clarin	0	PF 2	17.70	-1.31	1.90	-0.23	1.90	0.000140	0.21	84.79	100.00	0.07
El Clarin	0	PF 3	20.00	-1.31	1.96	-0.16	1.96	0.000140	0.22	91.23	100.00	0.07

3.2.7. PLANO DISEÑO DE BARRERA







ASPECTOS CONSTRUCTIVOS

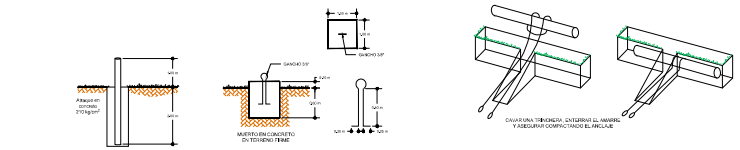
ZONA DE MANIOBRAS:
Contempla las actividades de desmonte del punto de control y el descapote de las áreas de excavación de las piscinas.

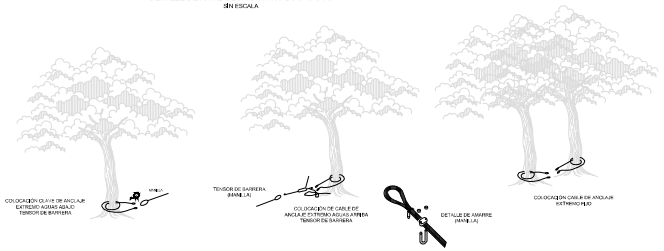
OBRAS CIVILES:
- PERTINENTES: Construcción de 8 a 10 anclajes para la construcción de barreras, tensores y cuerdas de anclaje.

EQUIPO MÍNIMO REQUERIDO

- Barreras flotante de 31,25 m	1	un
- Equipo excavador **	1	un
- Equipo desnatador	2	un
- Motobomba centrífuga 3"	2	un
- Tanques de almacenamiento temporal (2,000 GLS)	8	un
- Generadores eléctricos	2	un
- Sacos de polipropileno	1000	un
- Juego de herramienta menor	1	

** Maquinaria: Retroexcavadora.
-Rendimiento maquinaria: 210 m^3/hora
-Tiempo de construcción: 1,2 horas (1 máquina)





RECOMENDACIONES GENERALES

ZONA DE MANIOBRAS
La adecuación de la zona de maniobras consiste en el desmonte y descapote del terreno sin talar árboles. El material de descapote será almacenado para su posterior reutilización.

SISTEMA DE AMARRE DE LAS BARRERAS - ANCLAJES
La fijación de los extremos de la barrera en las márgenes de la corriente y de los tensores de la misma se puede lograr mediante enterrar a troncos de árboles, pilotes hincados previamente, estacones metálicos prefabricados e hincados como parte de las labores de adecuación del punto de control o estacas enterradas, dependiendo de la fuerza de tensión transmitida por el arrastre de la corriente.

En el extremo aguas arriba de la barrera y de los tensores se instalará un HAND-WINCH para ajustar la tensión de la barrera y del tensor.

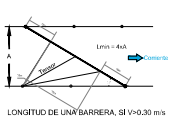
BARRERAS
Para velocidades de corriente menores a 0,30 m/s se puede realizar la instalación de la barrera en forma perpendicular al flujo. La longitud óptima de la barrera esta en un rango de 1,25 a 1,50 veces la distancia entre puntos de anclaje en los extremos. La función primordial de la barrera es la de contención de la vegetación flotante.

Para velocidades de corriente mayores a 0,30 m/s, se recomienda colocar las barreras formando un ángulo con la dirección del flujo con el fin de direccionar la vegetación flotante hacia un lado de la corriente donde se establecerá la zona de maniobras; para propósitos prácticos, con el fin de que la longitud de la barrera se mantenga dentro de límites razonables, el ángulo más agudo entre la barrera y la línea de flujo, no debe ser mayor a 14°. Se requiere una longitud de barreras equivalente a cuatro veces el ancho del río por cada línea.

Adicionalmente, para corrientes con velocidades mayores a 0,30 m/s se recomienda la colocación de elementos tensores al menos cada 15 m, tendidos desde la alta del cauce.



LARGO OPTIMO DE UNA BARRERA, SI V<0.30 m/s



LONGITUD DE UNA BARRERA, SI V>0.30 m/s

ENTIDAD:

CORPAMAG

CAÑO EL CLARÍN - DEPARTAMENTO DEL MAGDALENA

MANTENIMIENTO DEL CAÑO CLARÍN NUEVO COMO APORTE A LA RECUPERACIÓN DEL VÍA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA.

Escala Gráfica:

GRAPHIC SCALE
(in decimal)
1 : 1000

Contenido:

01 PLANO DETALLES

Localización:



NOTAS.

1. Levantamiento Topografico realizado en el marco de sistema cartografico nacional MAGNA-SIRGAS, en proyección Transversa mercator, datum vertical Nivel Medio del Mar.
2. Niveles en metros.
3. Todas las dimensiones están dadas en metros.

FORMACION SOBRE CUADRICULA

ELIPSOIDE	GRS80
CUADRICULA	100 METROS
PROYECCION	TRANSVERSA DE MERCATOR
DATUM VERTICAL	NIVEL MEDIO DEL MAR
DATUM	MAGNA
COORDENADAS	MAGNA SIRGAS BOGOTA
MERIDIANO CENTRAL	75° W

MODIFICACIONES:
No - DD/MM/AAAA/ - MODIFICACION

Diseño:
JOSE ORTEGA M.
Ingeniero civil- Esp. recursos hídricos
MP. 2210134250175847L

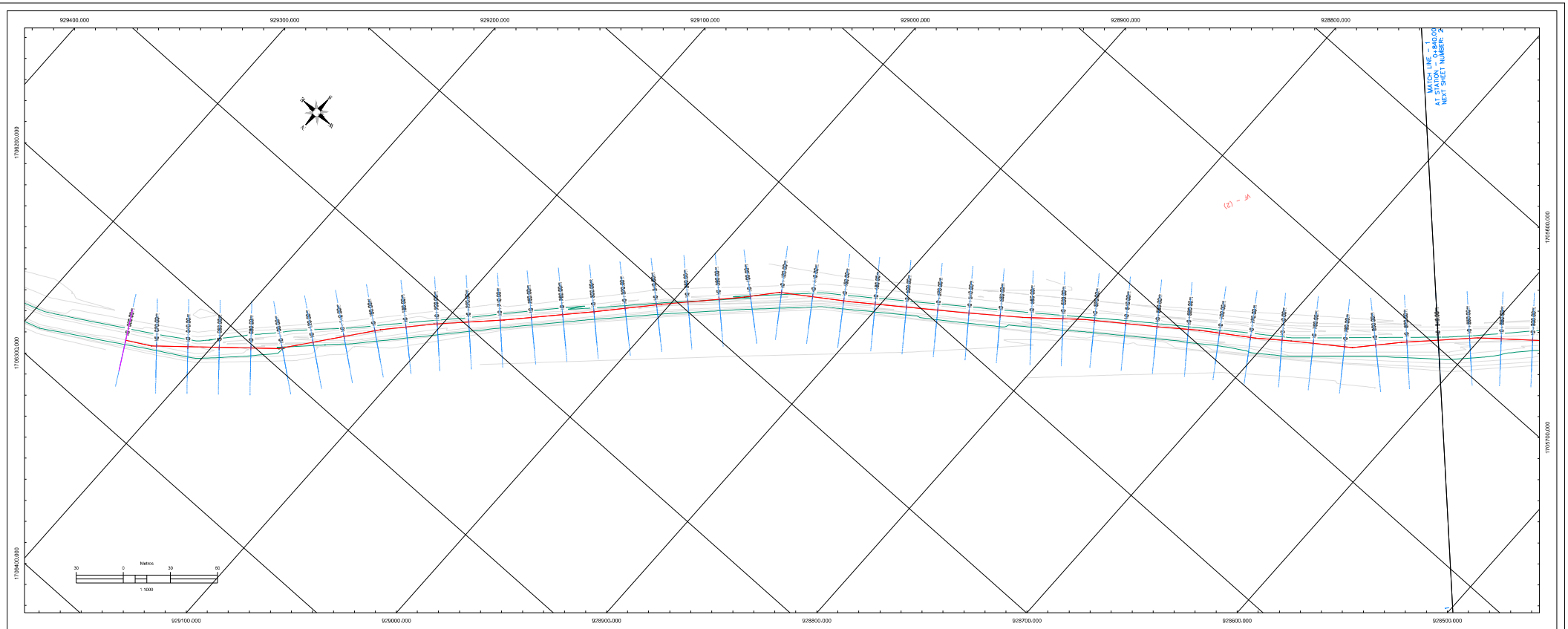
Aprobación / Supervisión:
Luis Alfonso Cogua
Especialista Hidráulico
M.P.: 15202815865 BLV

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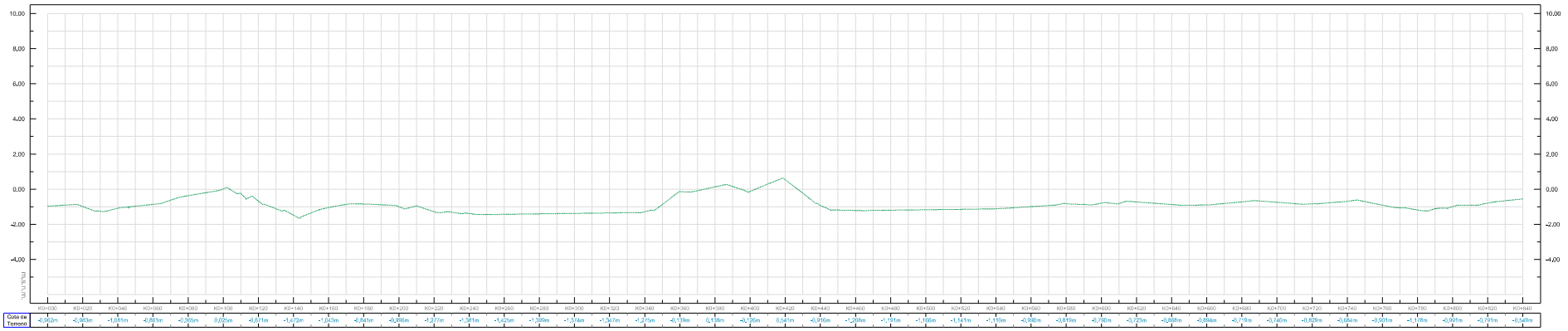
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CONSECUTIVO: 01/ #

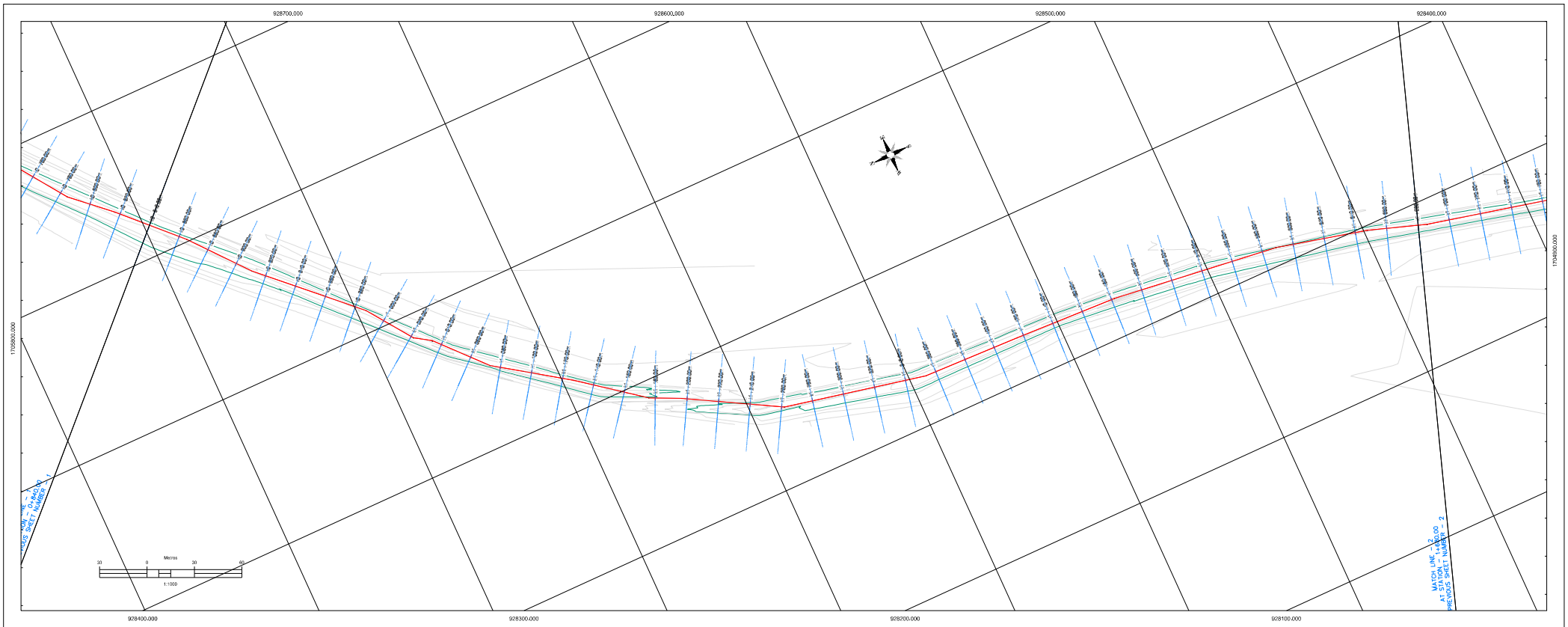
3.2.1 DISEÑO Y PERFILES DE BARRERA


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MATCH LINE = 5140.00
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NEXT SHEET NUMBER: 2
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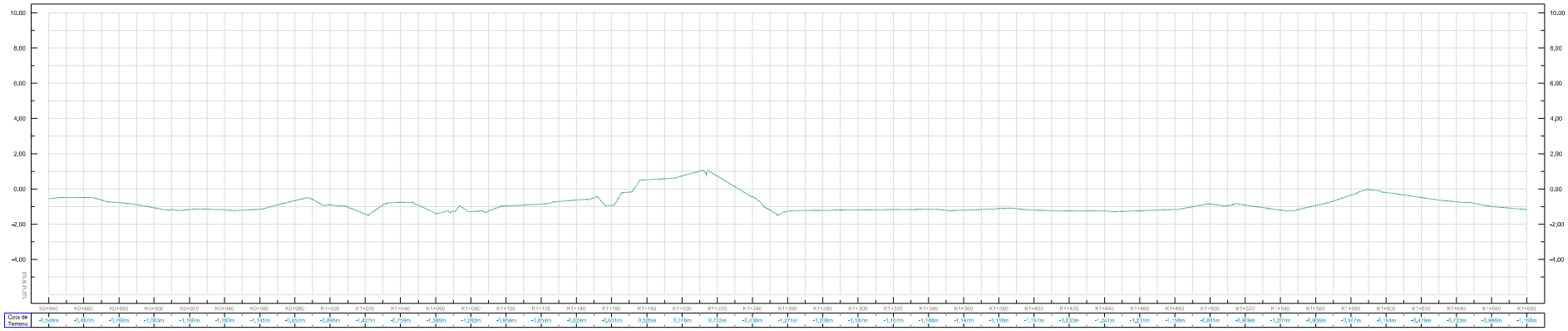
Eje PROFILE


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-0.062m -0.040m -1.081m -0.861m -0.265m 0.205m -0.871m -1.472m -1.043m -0.841m -0.996m -1.277m -1.381m -1.625m -1.209m -1.374m -1.547m -1.275m -0.139m 0.118m -0.126m 0.541m -0.916m -1.208m -1.101m -1.156m -1.141m -1.115m -0.906m -0.619m -0.706m -0.725m -0.808m -0.804m -0.778m -0.740m -0.829m -0.684m -0.001m -1.178m -0.991m -0.791m -0.548m

| | | |



Eje PROFILE



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARIN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PLAN - PLANTA Y PERFIL TRAMO K0+640,00 - K1+680,00

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra	Interventoría	OBSERVACIONES
Luis Alamar Topógrafo MP. 01 - 19013	Sergio Andrés Rodriguez Dir. Interventoría MP. 08202 - 426611 ATL	----------

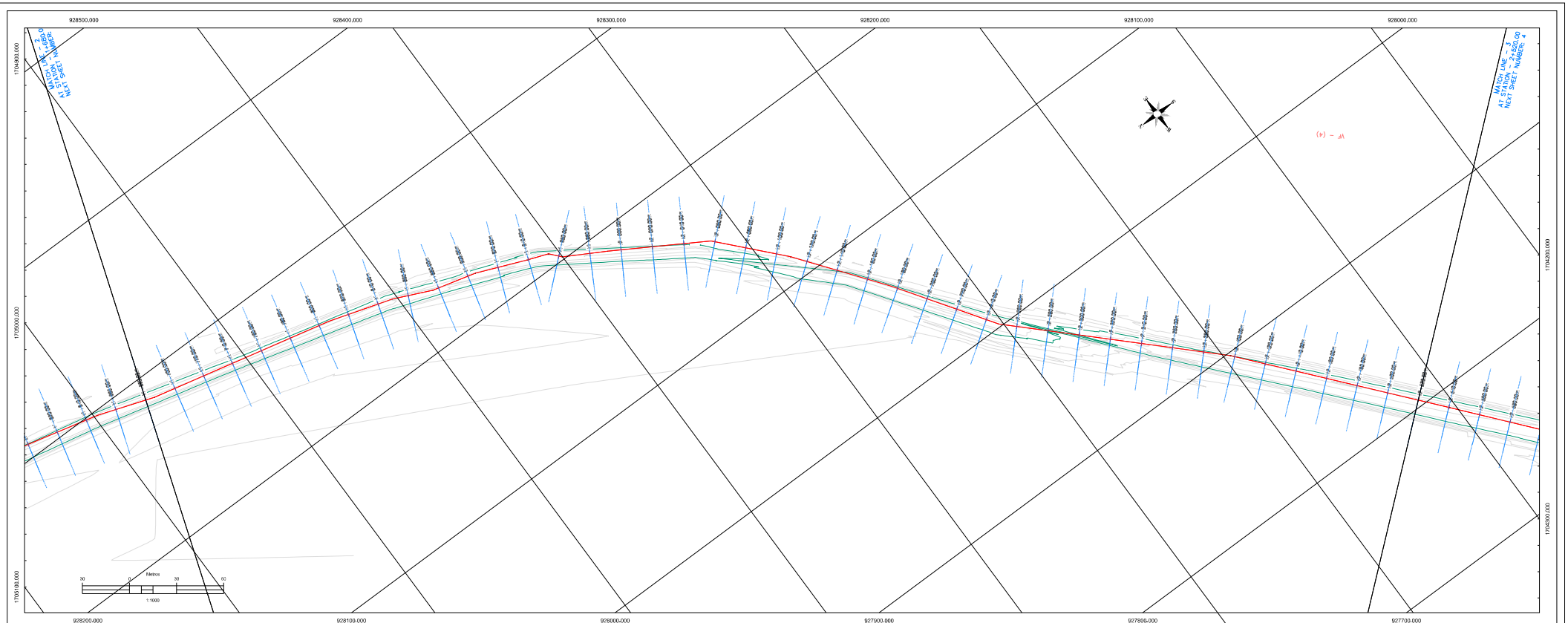
Elaboró	Revisión y Aprobación
Luis Alamar Topógrafo MP. 01 - 19013	Florentino Sierra Aroca Topógrafo MP. 01 - 13971

FECHA: ENERO DE 2026

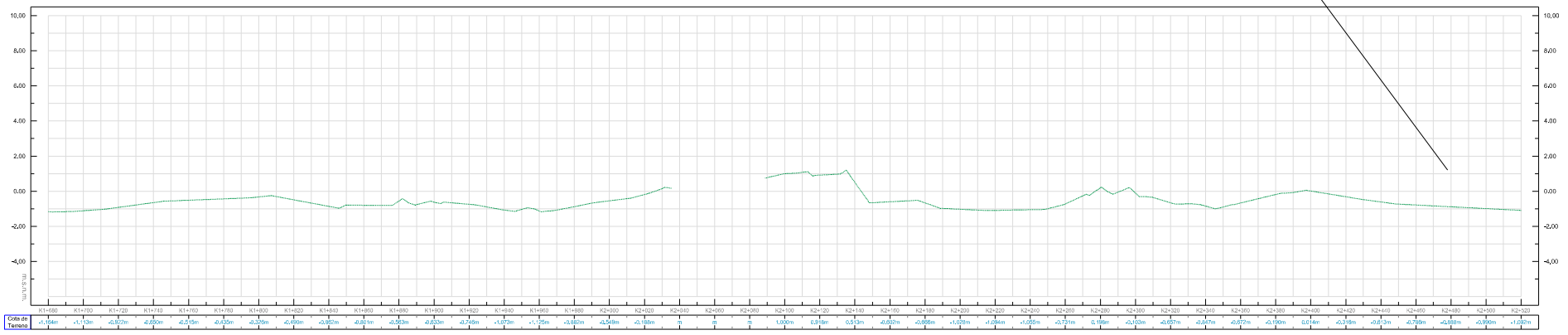
ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO: 02 DE 15



Eje PROFILE



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PLAN - PLANTA Y PERFIL TRAMO K1+680,00 - K2+520,00

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra	Interventoría	OBSERVACIONES
Luis Alamar Topógrafo MP. 01 - 19313	Sergio Andrés Rodríguez Dir. Interventoría MP. 08202 - 428611 ATL	

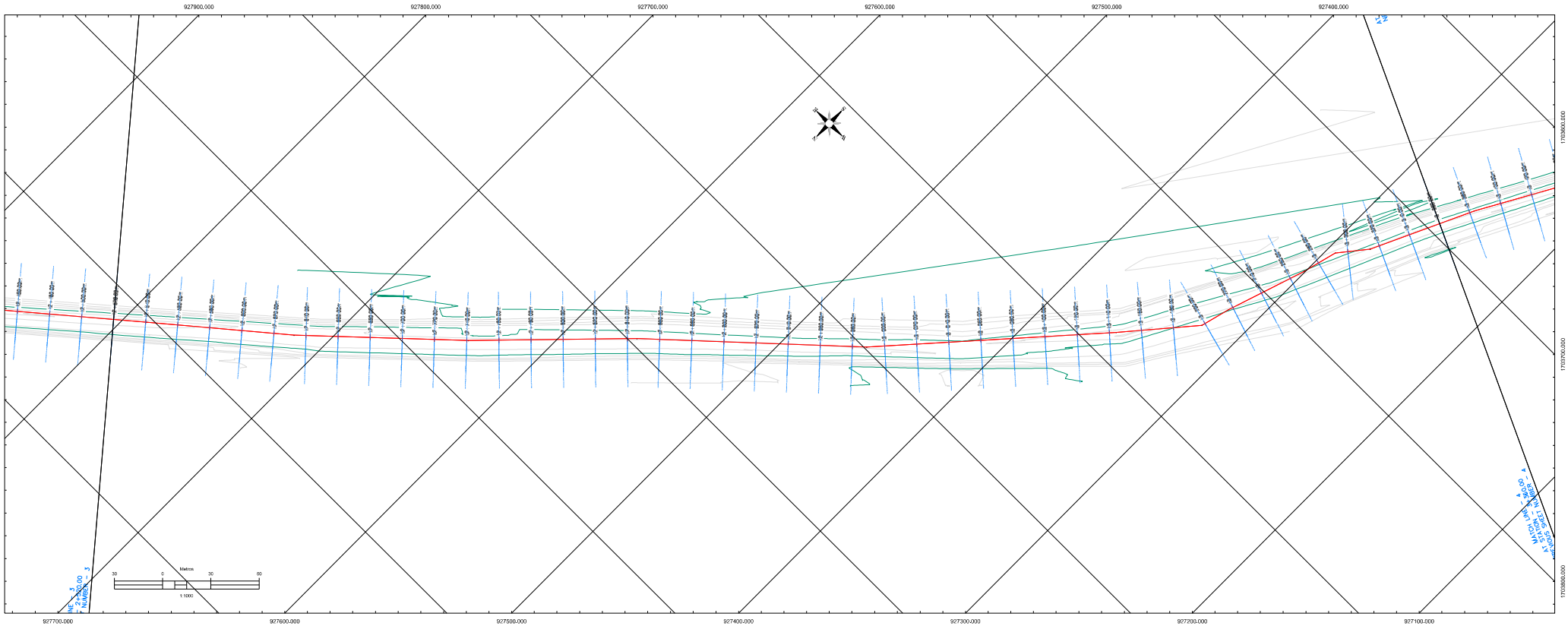
Elaboró	Revisión y Aprobación
Luis Alamar Topógrafo MP. 01 - 19313	Florentino Sierra Arcos Topógrafo MP. 01 - 13971

FECHA: ENERO DE 2026

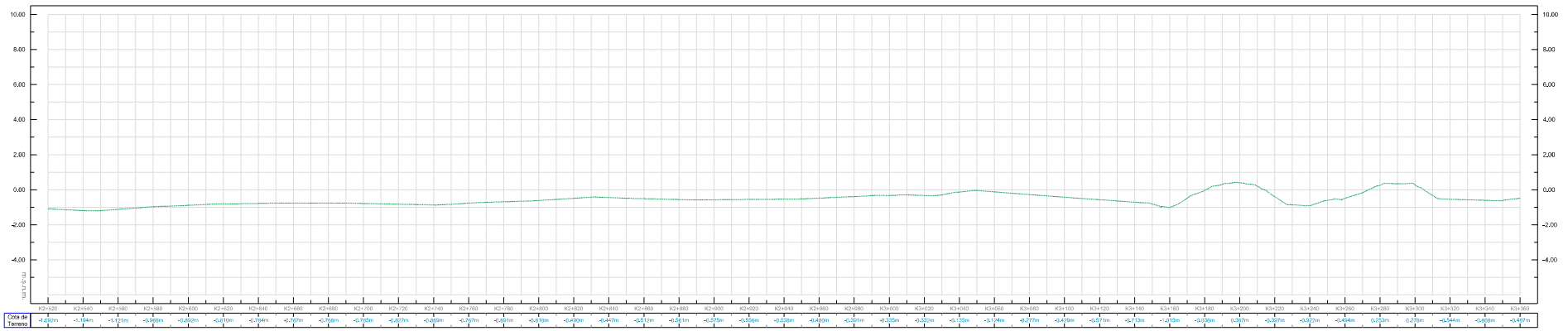
ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO: 03 DE 15



Eje PROFILE



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PLAN - PLANTA Y PERFIL TRAMO K2+520,00 - K3+360,00

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 08202 - 426611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

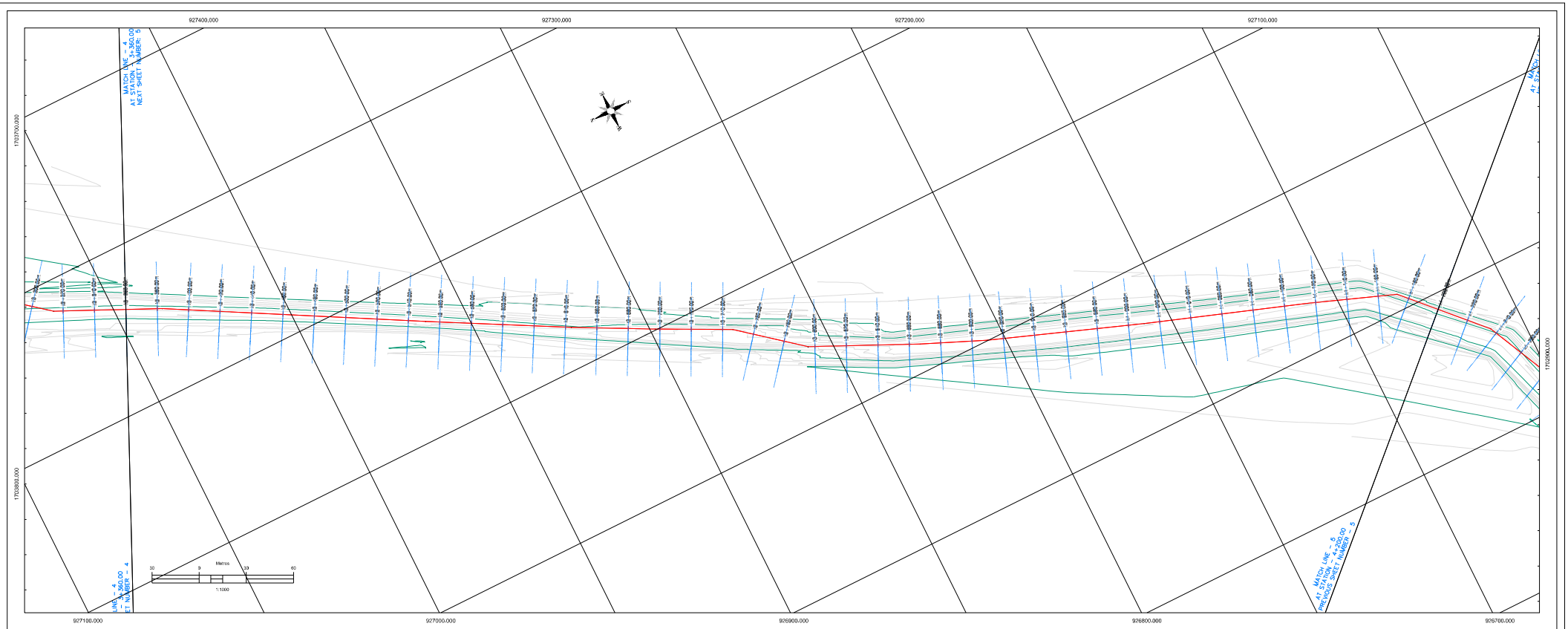
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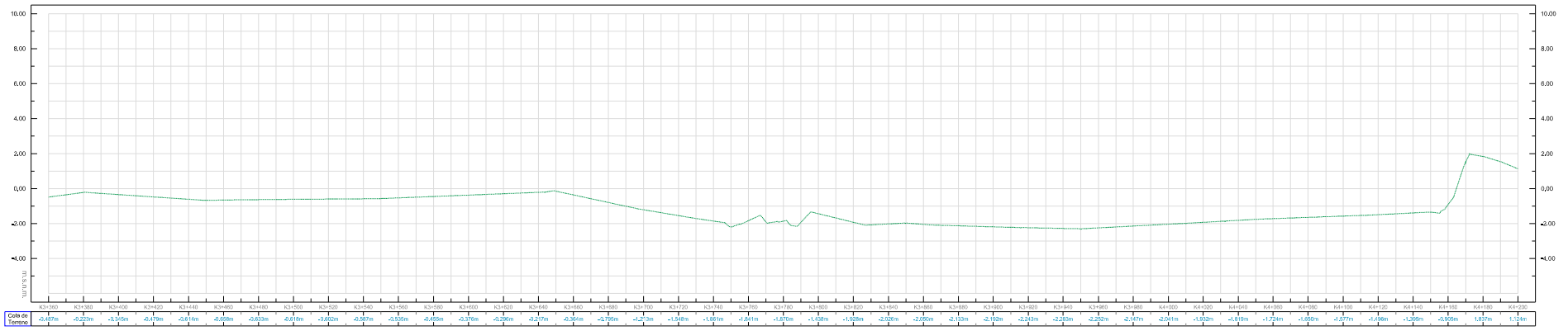
PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

04
DE 15



Eje PROFILE



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PLAN - PLANTA Y PERFIL TRAMO K3+360,00 - K4+200,00

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra	Interventoría	OBSERVACIONES
Luis Alamar Topógrafo MP. 01 - 19313	Sergio Andrés Rodriguez Dir. Interventoría MP. 68202 - 426611 ATL	

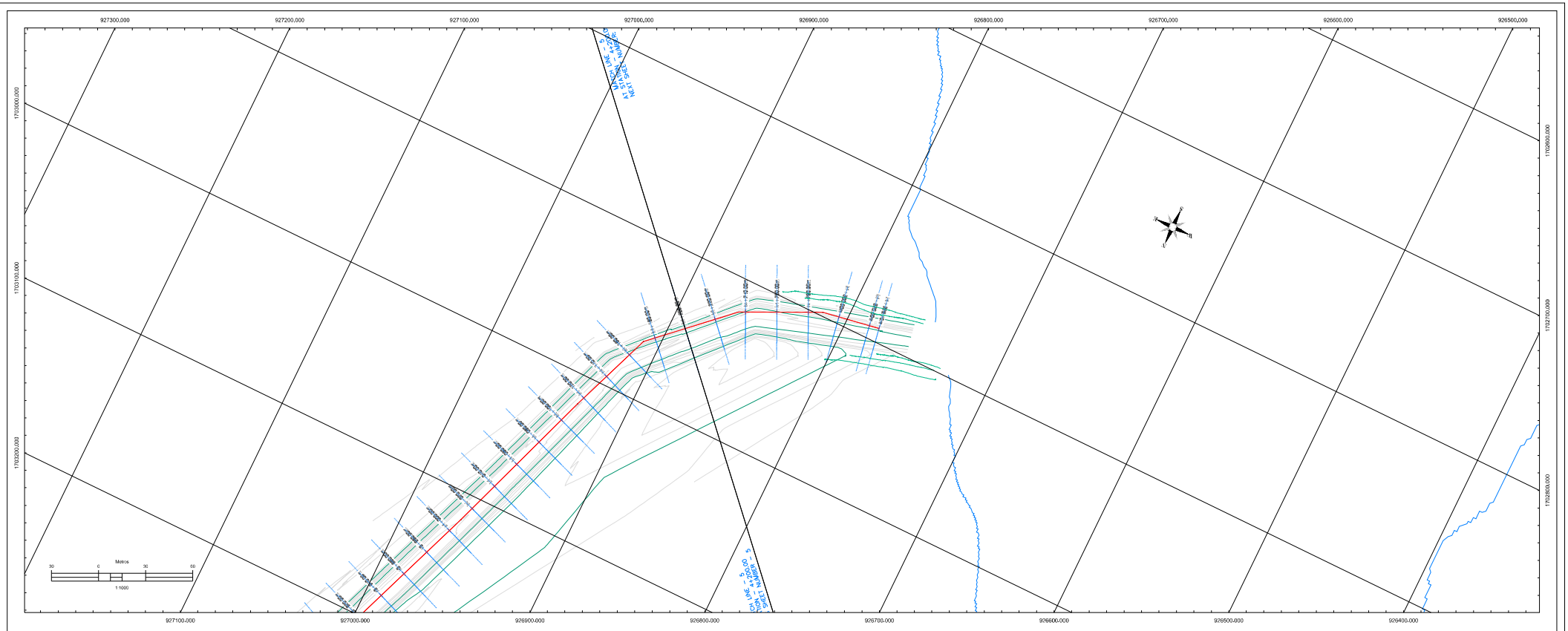
Elaboró	Luis Alamar Topógrafo MP. 01 - 19313
Revisión y Aprobación	Florentino Sierra Aroca Topógrafo MP. 01 - 13971

FECHA: ENERO DE 2026

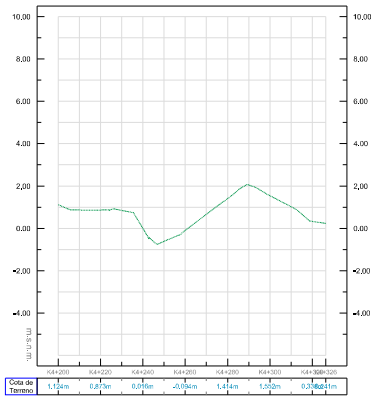
ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO: 05 DE 15



Eje PROFILE



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARIN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 06 - PLANTA Y PERFIL TRAMO K4+200,00 - K4+325,41

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra	Interventoría	OBSERVACIONES
Luis Alamar Topógrafo MP. 01 - 19313	Sergio Andrés Rodriguez Dir. Interventoría MP. 08202 - 426611 ATL	

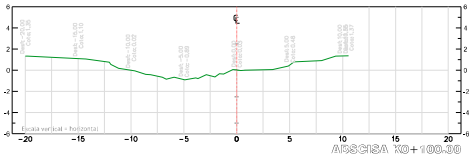
Elaboró: Luis Alamar, Topógrafo, MP. 01 - 19313

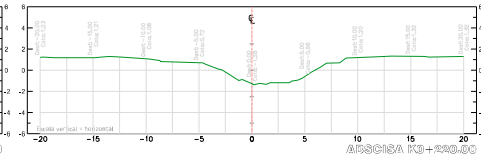
Revisión y Aprobación: Florentino Sierra Aroca, Topógrafo, MP. 01 - 13971

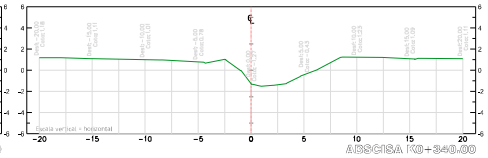
FECHA: ENERO DE 2026

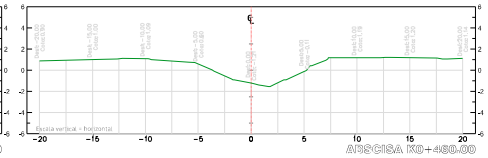
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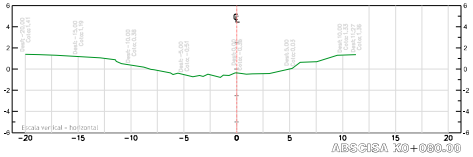
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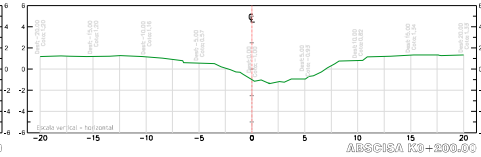


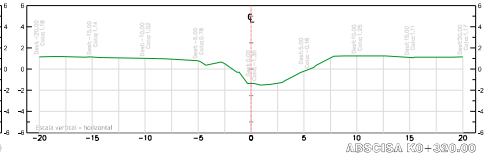


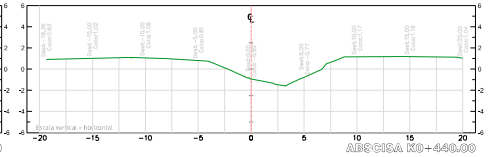


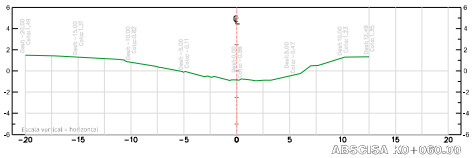


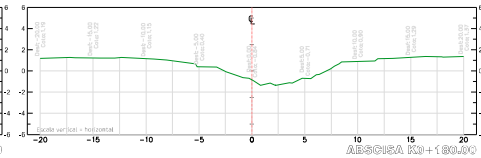


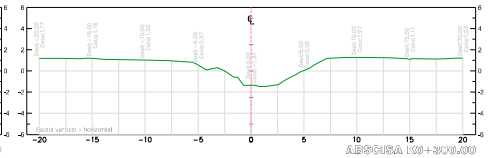


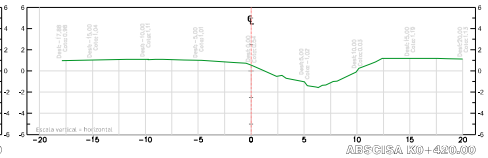


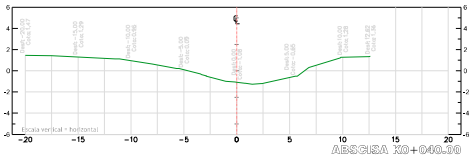


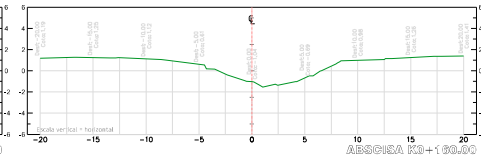


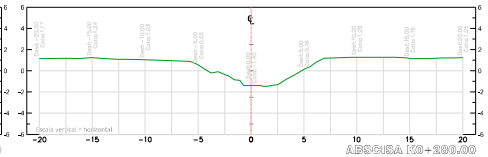


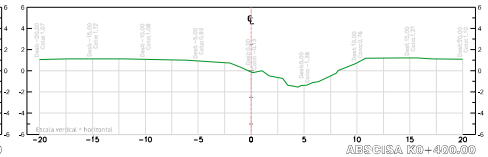


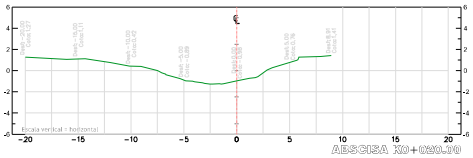


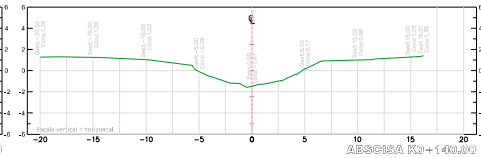


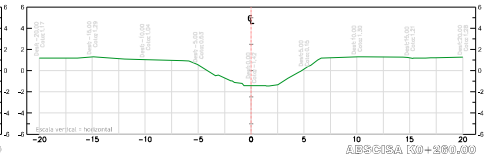


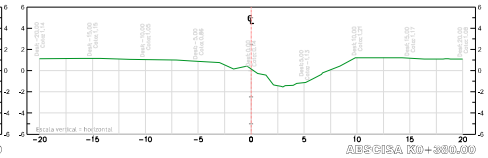


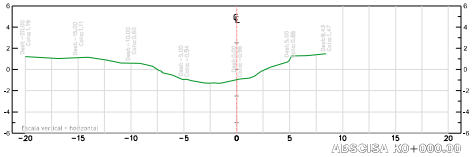


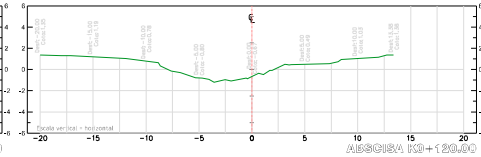


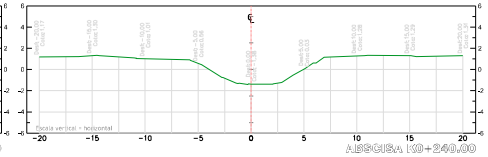


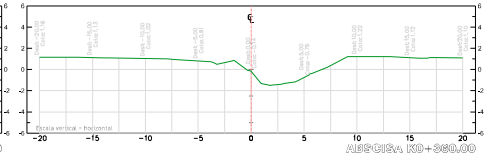












ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 07- SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoria

Sergio Andrés Rodriguez
Dir. Interventoria
MP. 08202 - 428611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

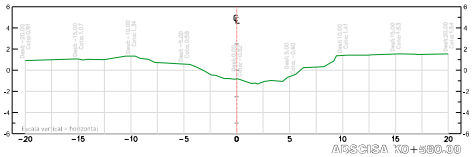
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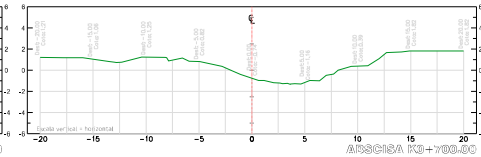
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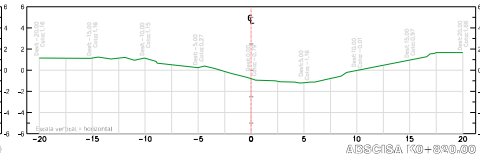
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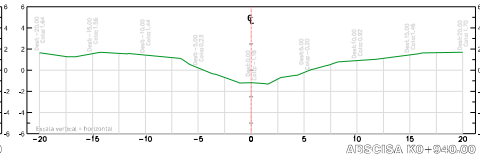
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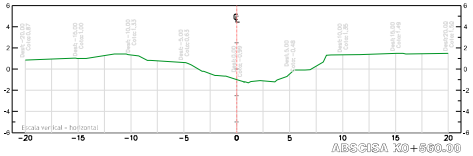
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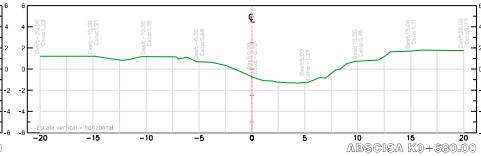


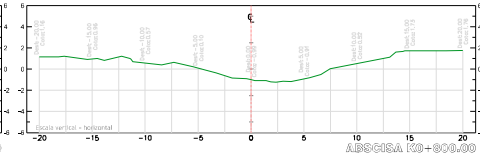


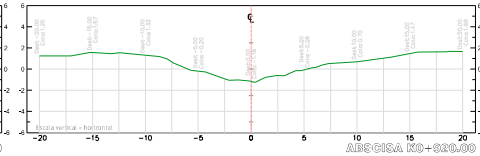


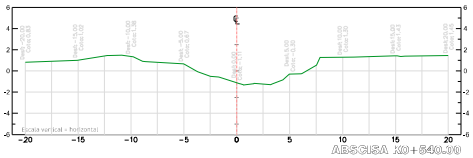


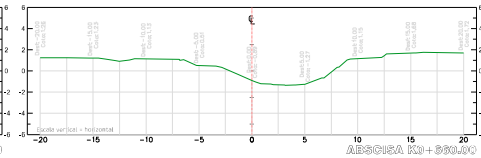


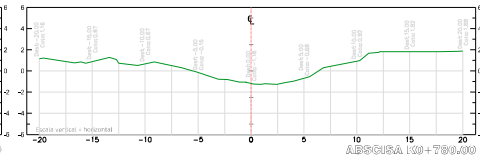


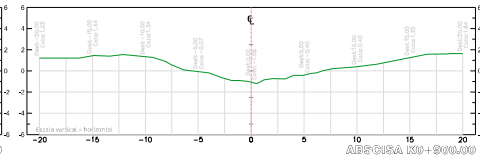


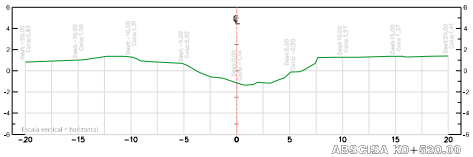


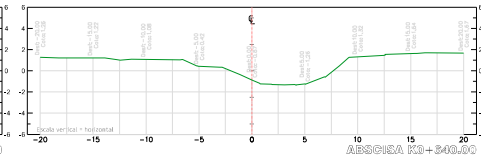


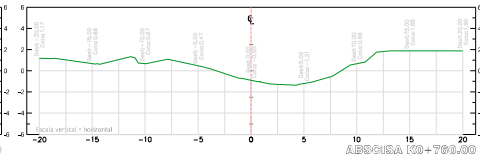


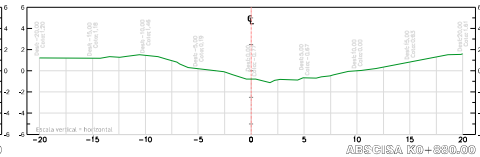


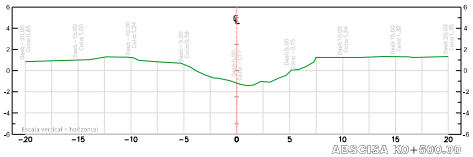


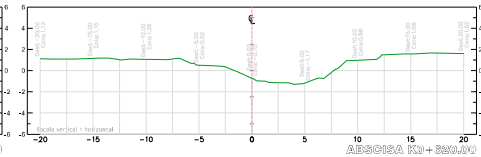


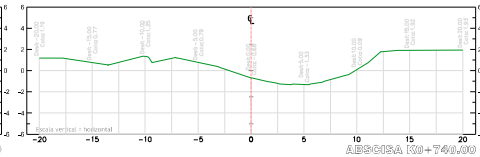


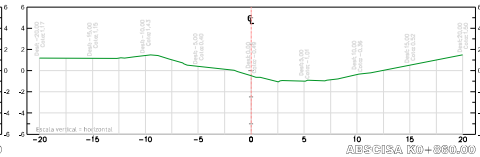


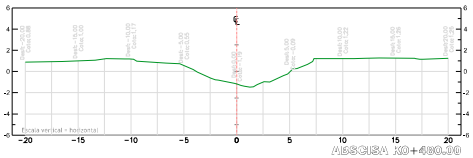


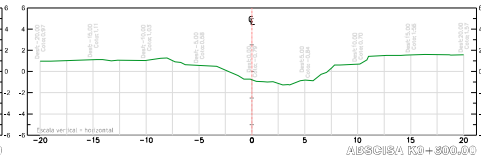


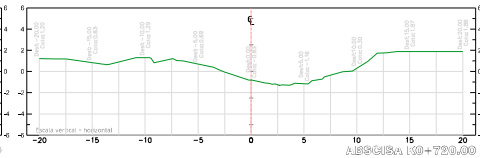


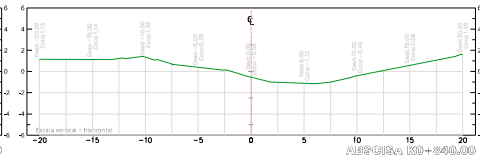












ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 03 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

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Topógrafo
MP. 01 - 19313

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Luis Alamar
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Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

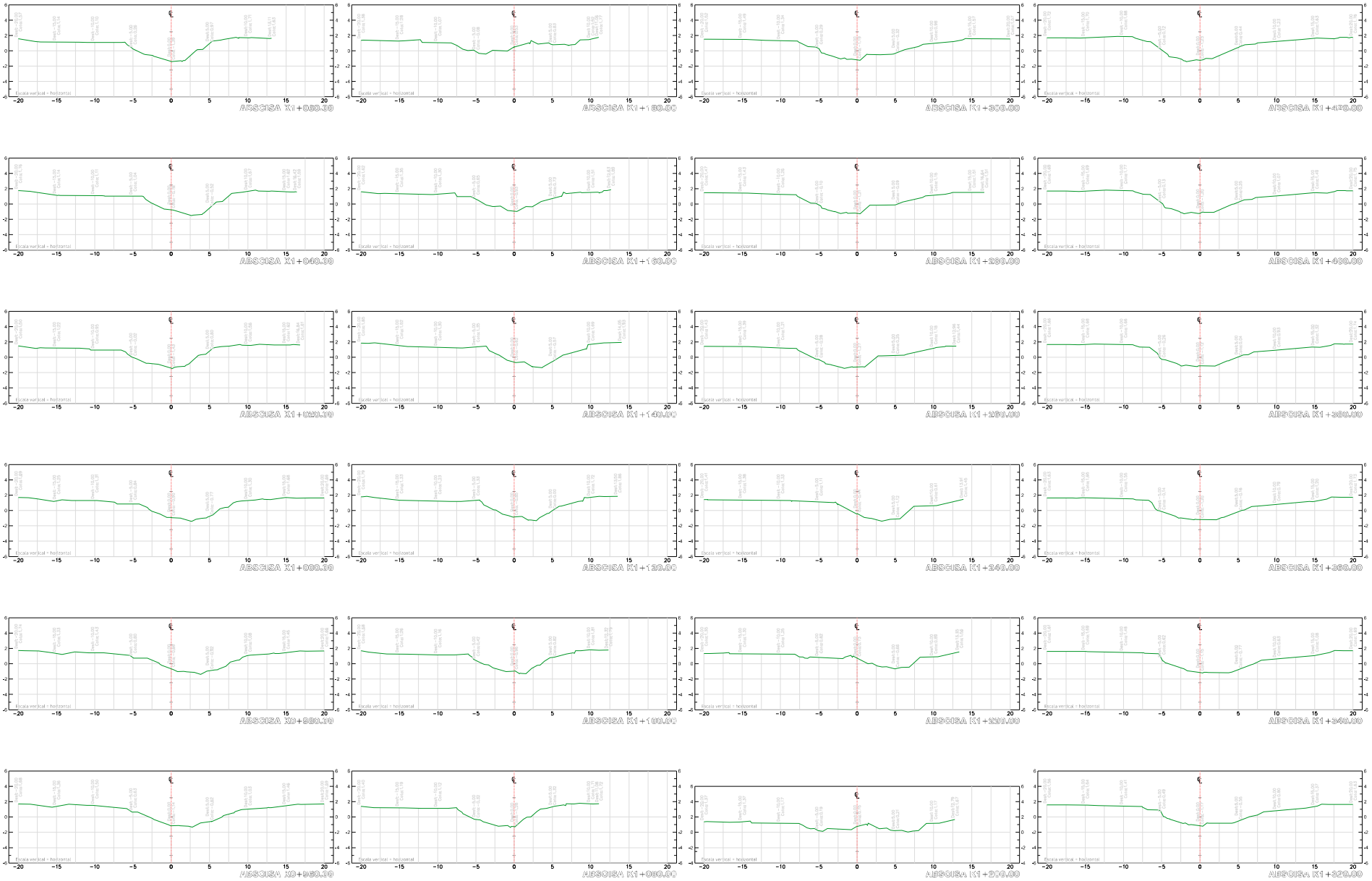
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ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

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DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 09- SECCIONES TRANSVERSALES

CONVENCIONES:

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- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
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- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

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Luis Alamar
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Florentino Sierra Arcos
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MP: 01 - 13971

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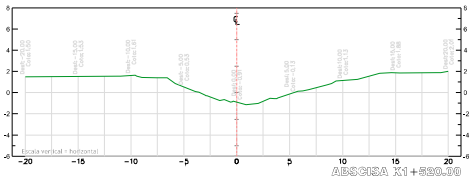
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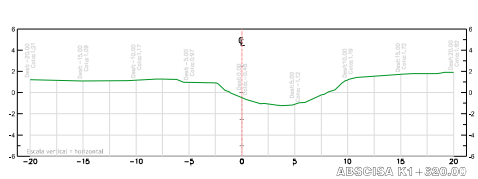
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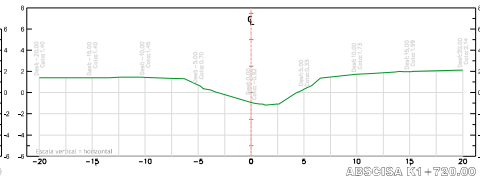
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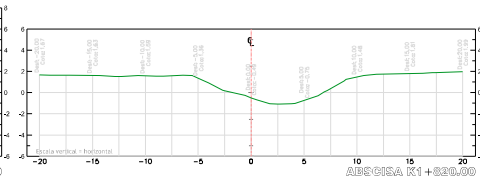
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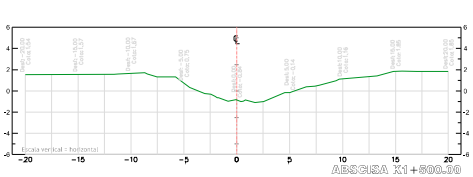
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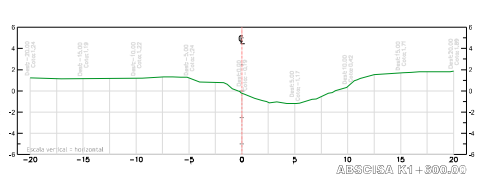


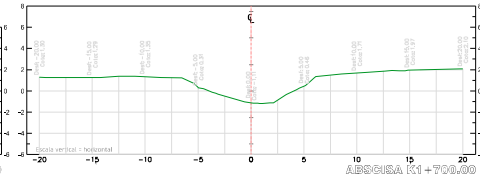


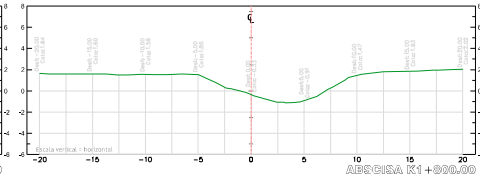


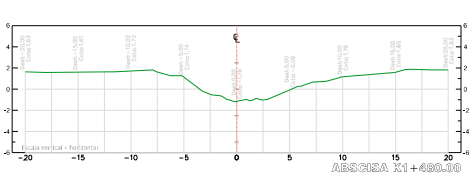


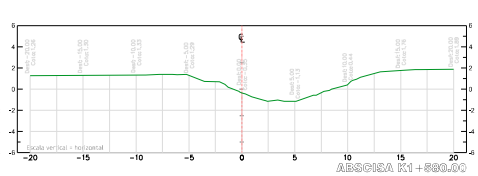


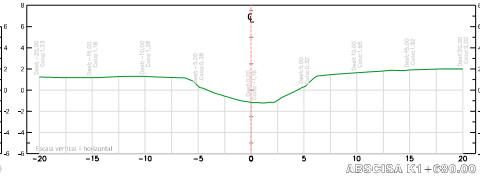


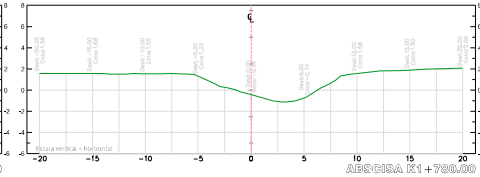


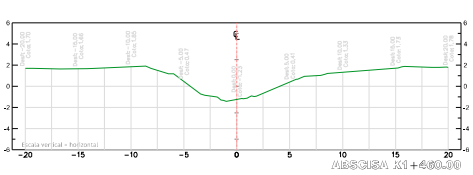


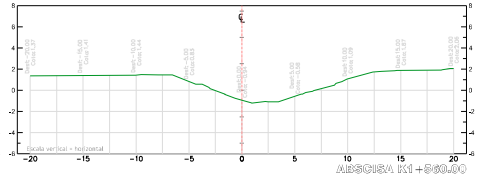


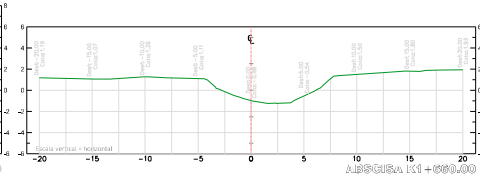


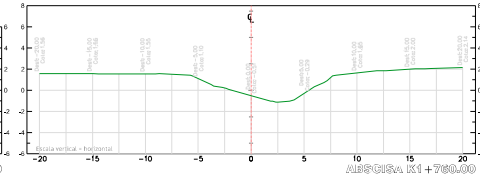


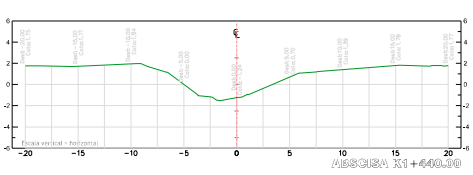


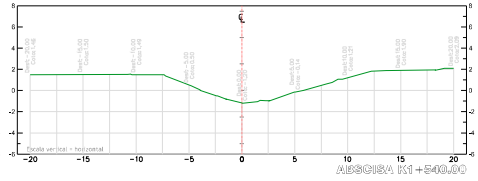


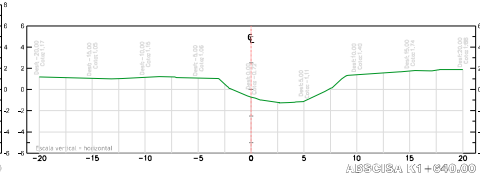


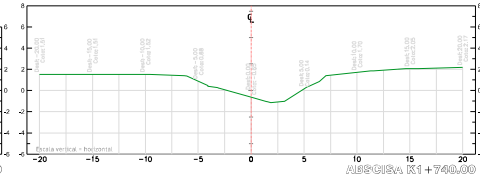












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LOCALIZACIÓN GENERAL:

PLANO DE:

PL 10 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
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MP. 01 - 19313

Interventoria

Sergio Andrés Rodriguez
Dir. Interventoria
MP. 68202 - 426611 ATL

OBSERVACIONES

Elaboró

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Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

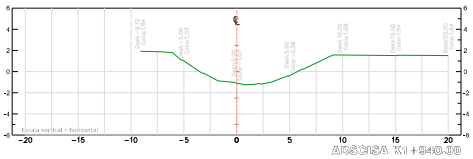
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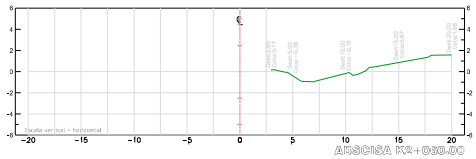
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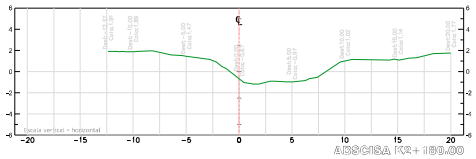
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SECCIONES 1 : 200

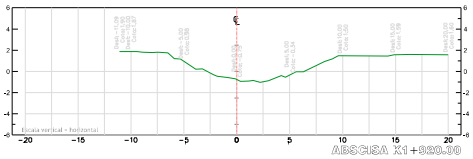
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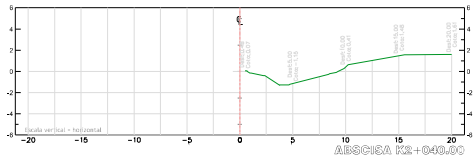
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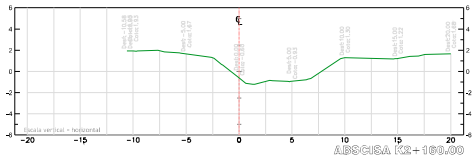


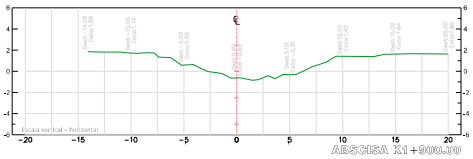


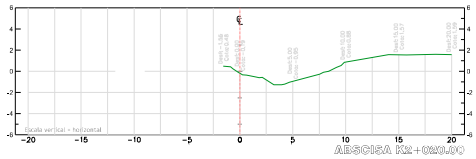


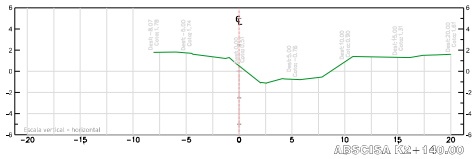


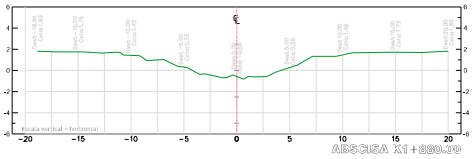


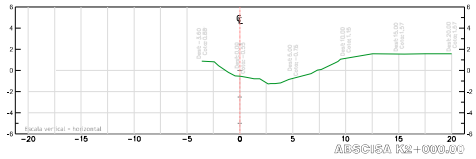


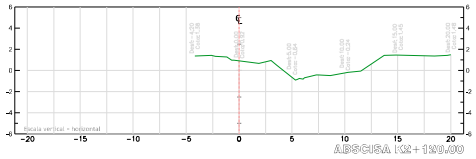


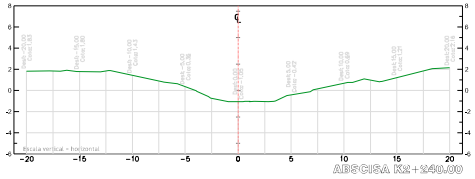


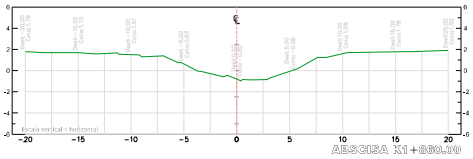


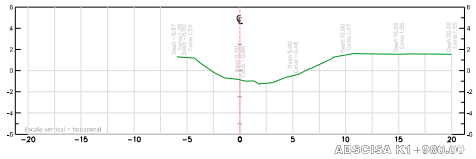


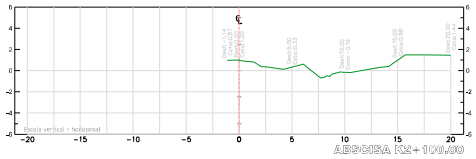


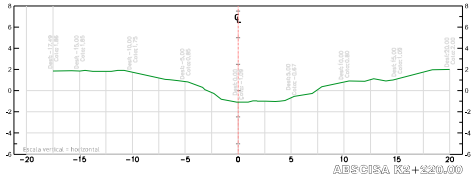


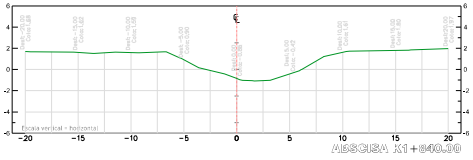


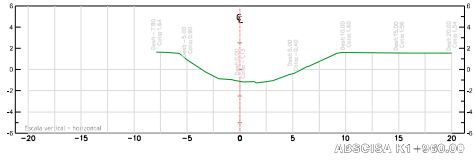


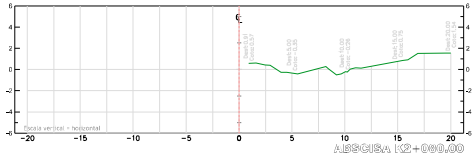


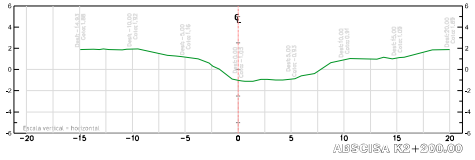












ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL ARRIBO DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARIN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 11- SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoria

Sergio Andrés Rodriguez
Dir. Interventoria
MP. 68202 - 428611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

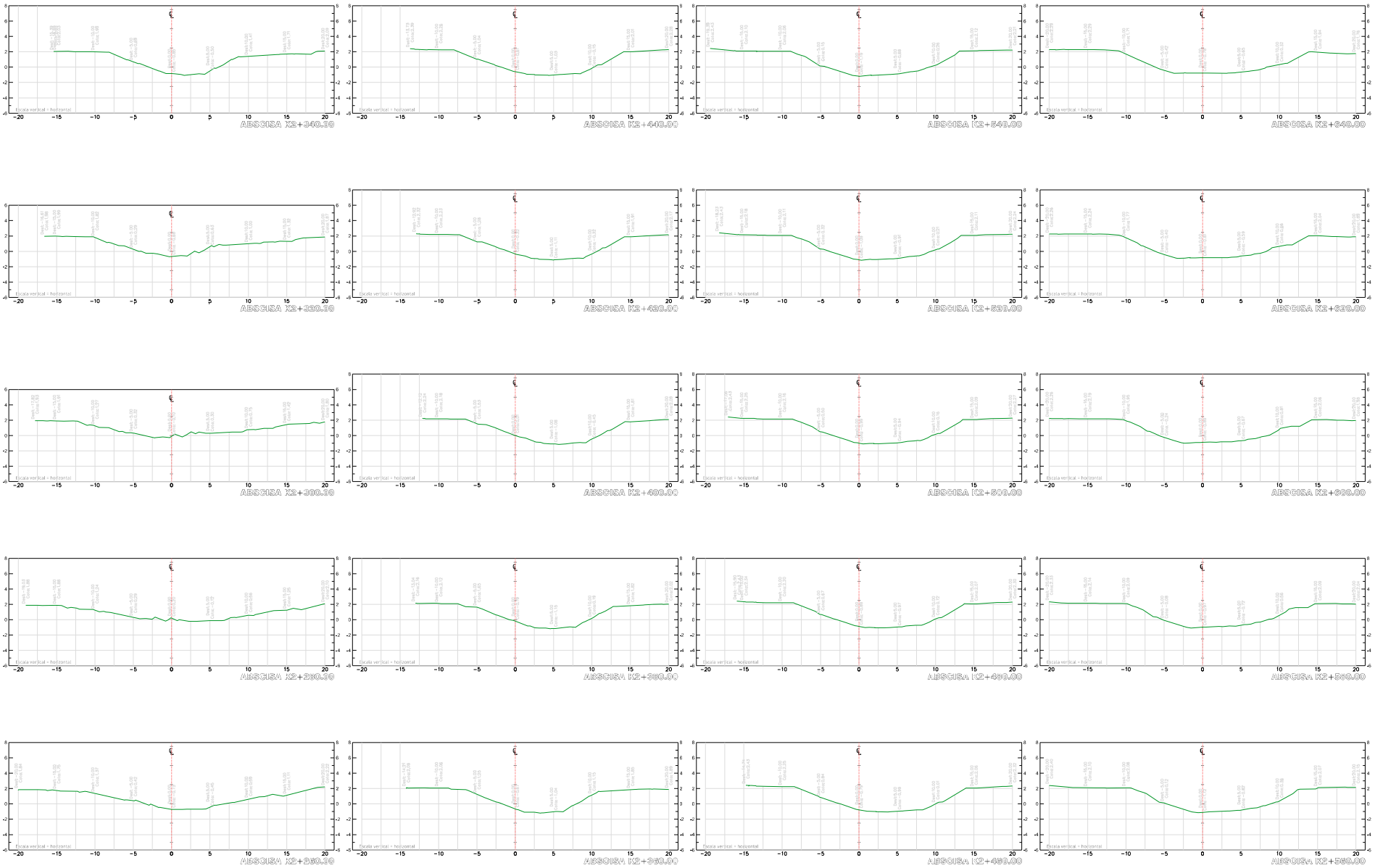
ENERO DE 2026

ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

11
DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL ARRIBO DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 12- SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 68202 - 428611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

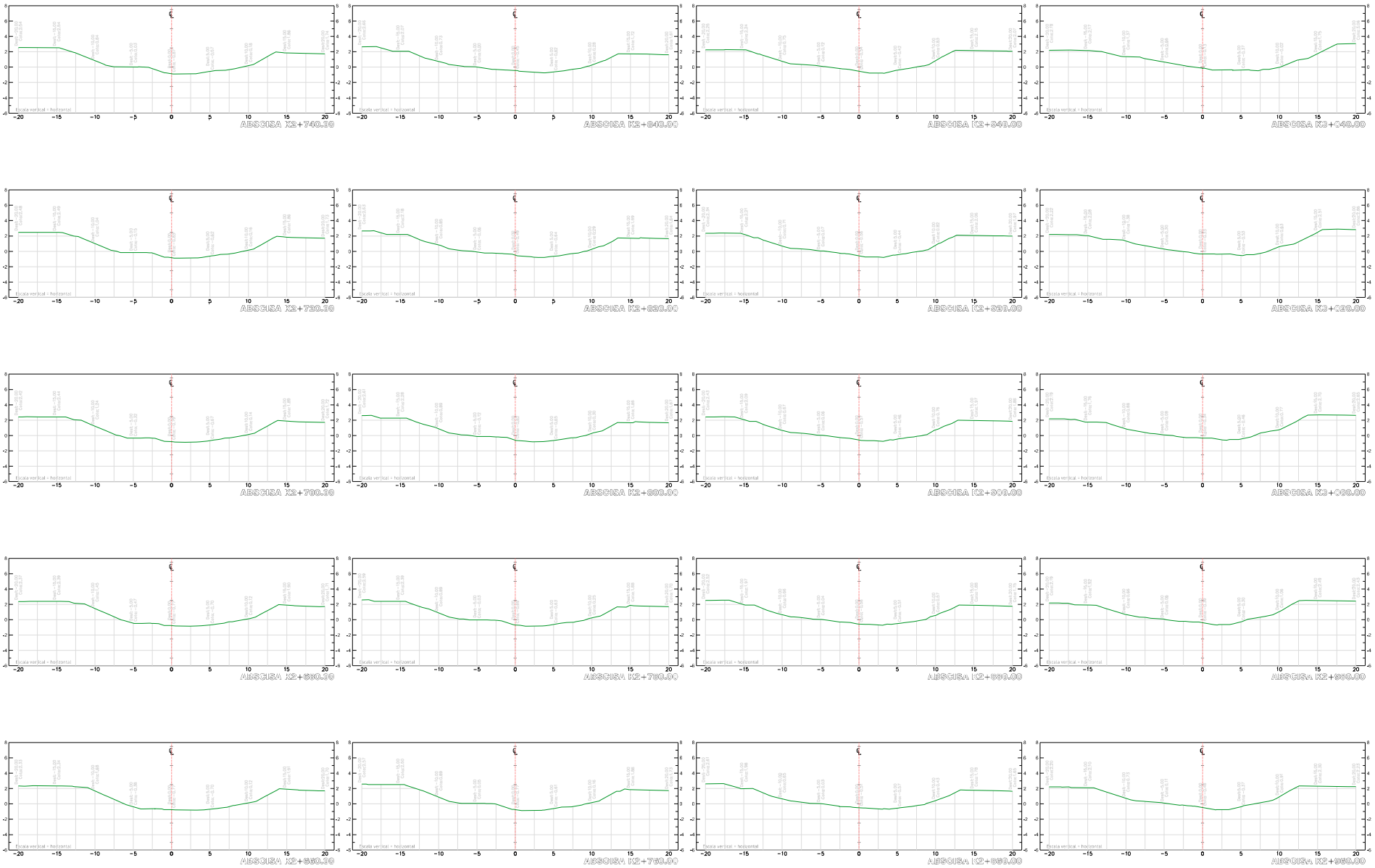
ENERO DE 2026

ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

12
DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARIN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 13 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 08202 - 428611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

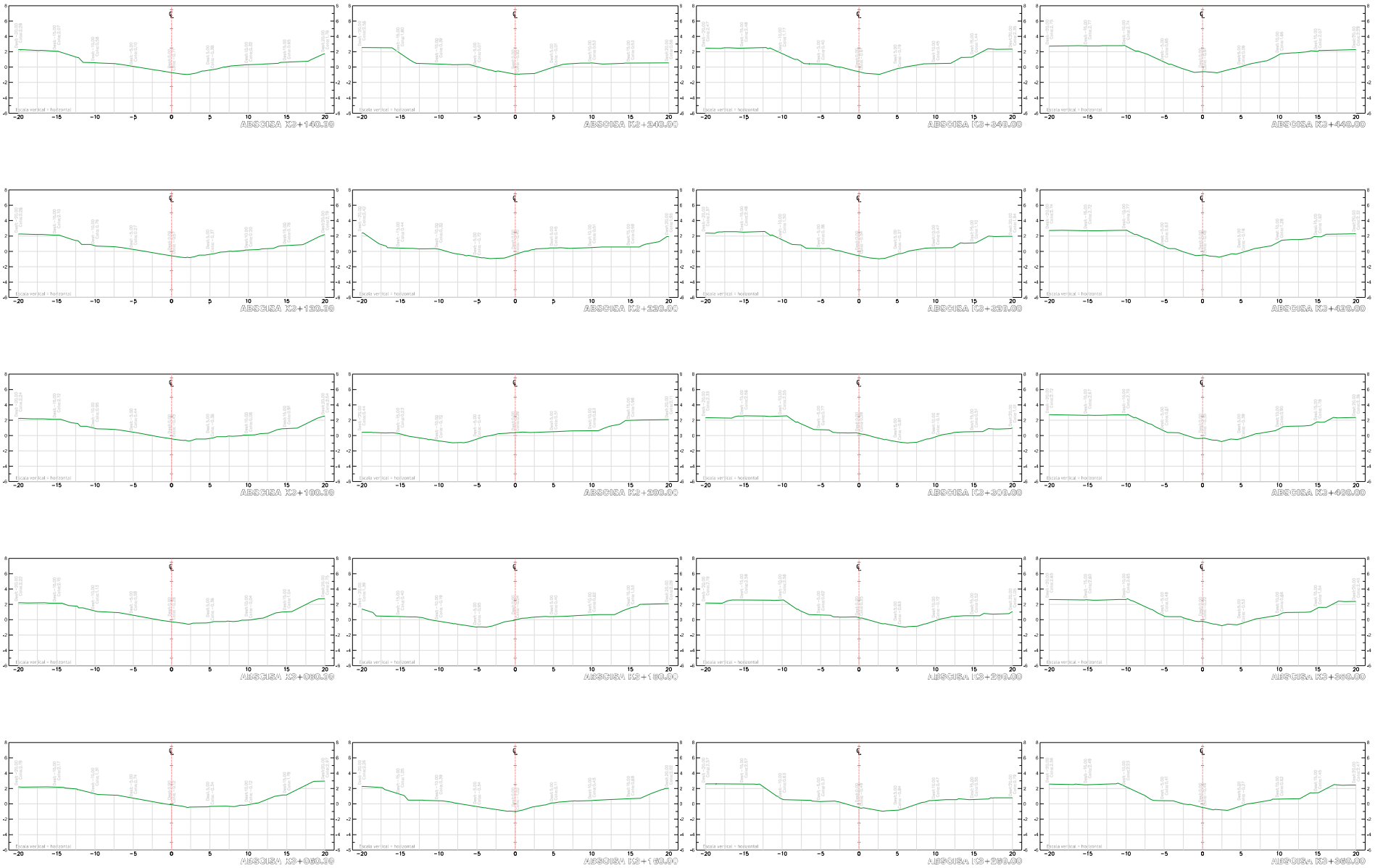
ENERO DE 2026

ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

13
DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARIN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 14 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 68202 - 426611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Filiberto Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

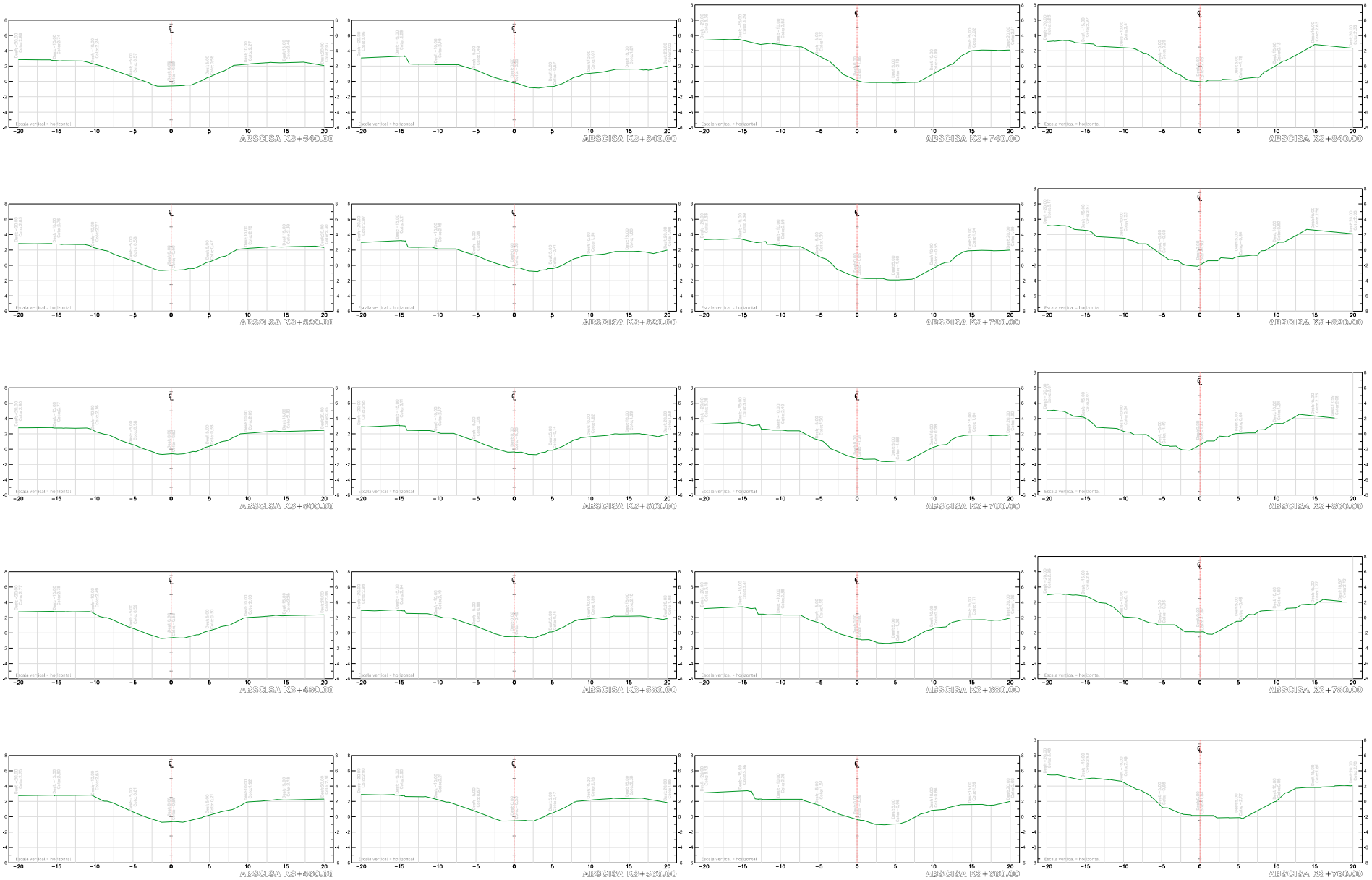
ENERO DE 2026

ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

14
DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 15 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 68202 - 426611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Arcos
Topógrafo
MP. 01 - 13971

FECHA:

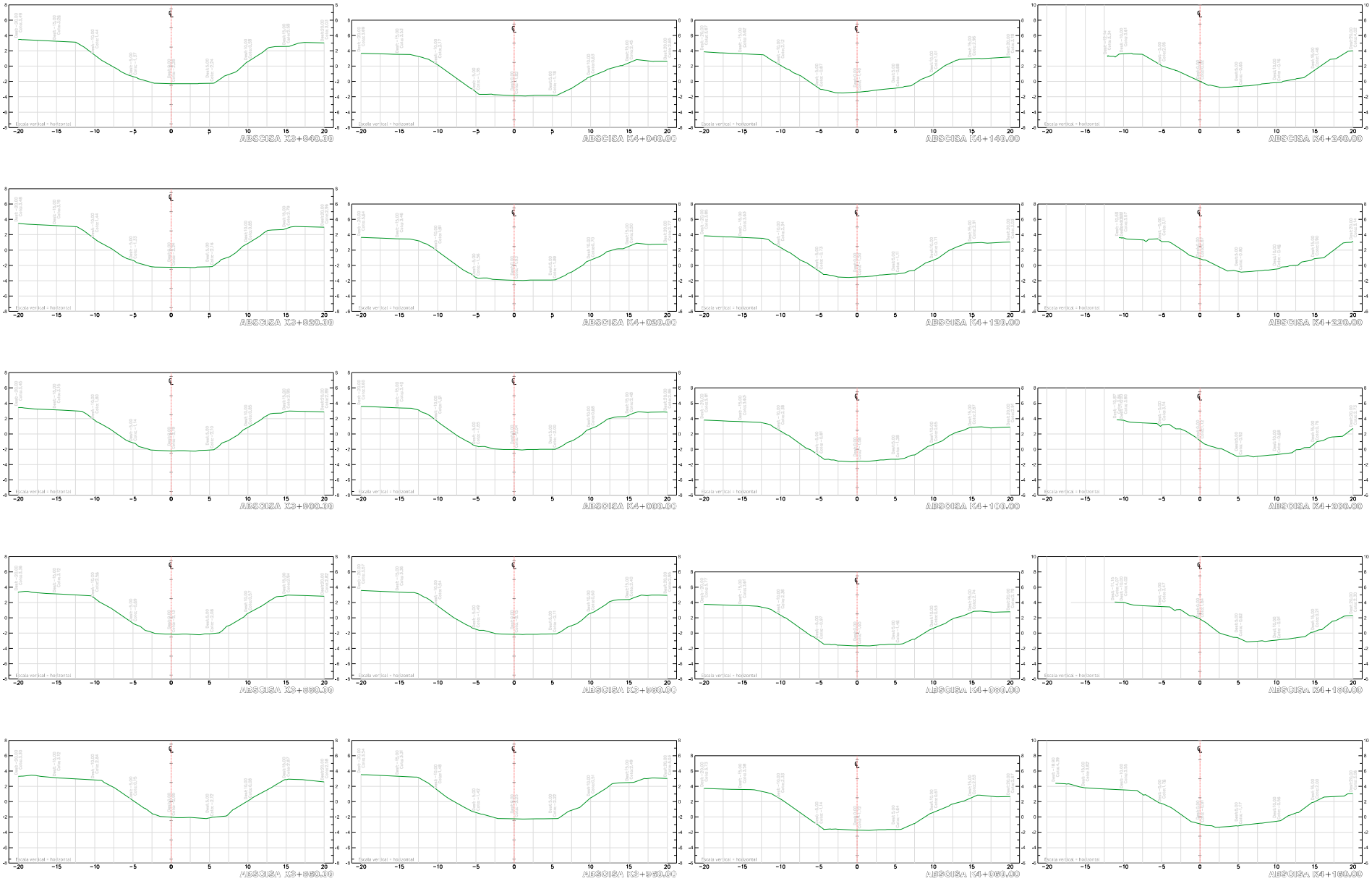
ENERO DE 2026

ESCALA:

PLANTA 1 : 1000
SECCIONES 1 : 200

NÚMERO DE PLANO:

15
DE 15



ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL ARRASTRE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 16 - SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra

Luis Alamar
Topógrafo
MP. 01 - 19313

Interventoría

Sergio Andrés Rodríguez
Dir. Interventoría
MP. 08202 - 426611 ATL

OBSERVACIONES

Elaboró

Luis Alamar
Topógrafo
MP. 01 - 19313

Revisión y Aprobación

Florentino Sierra Aroca
Topógrafo
MP. 01 - 13971

FECHA:

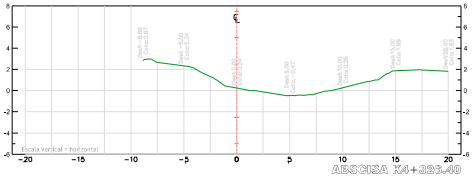
ENERO DE 2026

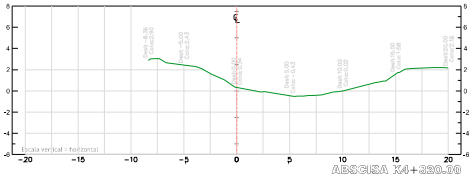
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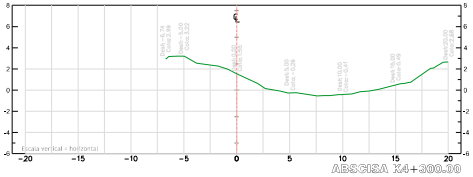
PLANTA 1 : 1000
SECCIONES 1 : 200

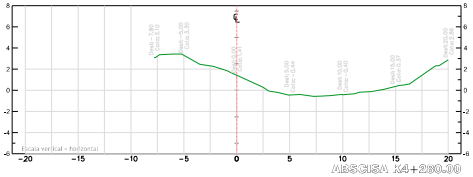
NÚMERO DE PLANO:

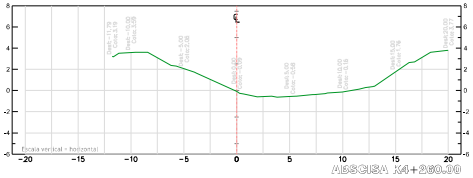
16
DE 16











ENTIDAD:

CONTRATISTA:

OBJETO DEL PROYECTO:

ESTUDIO HIDROLÓGICO, HIDRÁULICO, ESTRUCTURAL PARA EL DISEÑO DE BARRERA FLOTANTE, PARA MITIGAR EL AVANCE DE VEGETACIÓN FLOTANTE DENTRO DEL CAÑO CLARÍN NUEVO.

LOCALIZACIÓN GENERAL:

PLANO DE:

PL 17- SECCIONES TRANSVERSALES

CONVENCIONES:

- Eje de Río.
- Curvas de Nivel de orden Superior.
- Curvas de Nivel de orden Inferior.
- Abscisado.
- Puntos Topográficos.
- Perfil terreno natural.
- Perfil terreno margen izquierda.
- Perfil terreno margen derecho.

Topógrafo obra	Interventoría	OBSERVACIONES
Luis Alamar Topógrafo MP. 01 - 19313	Sergio Andrés Rodríguez Dir. Interventoría MP. 08202 - 428611 ATL	

Elaboró: Luis Alamar, Topógrafo, MP. 01 - 19313

Revisión y Aprobación: Florentino Sierra Aroca, Topógrafo, MP. 01 - 13971

FECHA: ENERO DE 2026

ESCALA: PLANTA 1 : 1000; SECCIONES 1 : 200

NÚMERO DE PLANO: 17 DE 18

ODN
OBRAS DEL NORTE
NIT 901.486.053-4

ANEXO 3
MEMORIA DE CANTIDADES

ENTIDAD EJECUTORA : CORPAMAG

ACTA DE OBRA No. N 2

ODN OBRAS DEL NORTE

CONSORCIO CLARIN 2025

FECHA: 20 de febrero de 2026

CONTRATO No.: LP 004 2025

PERIODO: 05 de diciembre de 2025 al 03 de febrero de 2026

HOJA: 1 de 1

OBJETO DEL CONTRATO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"

CONTRATISTA: OBRAS DEL NORTE

INTERVENTOR: CONSORCIO CLARÍN 2025

VALOR TOTAL CONTRATO	PLAZO INICIAL
$2.495.357.549,32	NOVENTA (90) DÍAS

							CONDICIONES ACTUALIZADAS			PRESENTE ACTA		ACUMULADO		SALDOS	
ÍTEM	ESP.	ACTIVIDAD	UNIDAD	CANTIDAD	VALOR UNITARIO	VALOR PARCIAL	+ ó -	CANTIDAD ACTUALIZADA	VALOR PARCIAL ACTUALIZADO	CANTIDAD	VALOR PARCIAL	CANTIDAD	VALOR PARCIAL	CANTIDAD	VALOR PARCIAL
I. PRELIMINARES						$ 10.309.247,00			$ 10.309.247,00		$ 0,00		$ 10.309.247,00		$ 0,00
1.1	P - 1.1	Localización Trazado y Replanteo Topográfico.	Km	3,70	$ 2.786.283,0	$ 10.309.247,00	0,00	3,70	$ 10.309.247,00	0,00	$ 0,00	3,70	$ 10.309.247,00	0,00	$ 0,00
II. MANTENIMIENTO HIDRÁULICO						$ 1.812.002.250,00			$ 1.836.425.099,94		$ 1.189.799.383,00		$ 1.836.425.099,94		$ 0,00
2.1	P - 2.1	Dragado Hidráulico Mediante el uso de Draga Cortadora de Succión. Incluye: Seguimiento, Control Topobatimétrico y Disposición de material con tubería.	m3	94.626,00	$ 16.625,00	$ 1.573.157.250,00	1.469,04	96.095,04	$ 1.597.580.099,94	57.200,26	$ 950.954.383,00	96.095,04	$ 1.597.580.099,94	0,00	$ 0,00
2.2	P - 2.2	Mantenimiento de zona aledaña a los box culverts para permitir el intercambio de agua: Incluye retiro de los sedimentos, raíces y troncos, maleza y todo material que restrinja el flujo de agua.	Und	5,00	$ 8.974.500,00	$ 44.872.500,00	-2,00	3,00	$ 26.923.500,00	3,00	$ 26.923.500,00	3,00	$ 26.923.500,00	0,00	$ 0,00
2.3	P - 2.3	Limpieza Manual de Vegetación.	m2	50.000,00	$ 3.879,45	$ 193.972.500,00	4.626,69	54.626,69	$ 211.921.500,00	54.626,69	$ 211.921.500,00	54.626,69	$ 211.921.500,00	0,00	$ 0,00
ÍTEM	ESP.	ACTIVIDAD	UNIDAD	CANTIDAD	VALOR UNITARIO	VALOR PARCIAL	CONDICIONES ACTUALIZADAS			CANTIDAD	VALOR PARCIAL	CANTIDAD	VALOR PARCIAL	CANTIDAD	VALOR PARCIAL
		TOTAL COSTOS DIRECTOS				$ 1.822.311.497,00			$ 1.846.734.346,94		$ 1.189.799.383,00		$ 1.846.734.346,94		$ 0,00
		Administración			23,00%	$ 419.131.644,31			$ 424.748.899,80		$ 273.653.858,09		$ 424.748.899,80		$ 0,00
		Imprevistos			2,00%	$ 36.446.229,94			$ 36.934.686,94		$ 23.795.987,66		$ 36.934.686,94		$ 0,00
		Utilidad			5,00%	$ 91.115.574,85			$ 92.336.717,35		$ 59.489.969,15		$ 92.336.717,35		$ 0,00
		IVA (19%) sobre la Utilidad			19,00%	$ 17.311.959,22			$ 17.543.976,30		$ 11.303.094,14		$ 17.543.976,30		$ 0,00
		TOTAL COSTOS INDIRECTOS				$ 564.005.408,32			$ 571.564.280,38		$ 368.242.909,04		$ 571.564.280,38		$ 0,00
		VALOR PPTO OBRA DEL PERÍODO 2025				$ 2.386.316.905,32			$ 2.418.298.627,32		$ 1.558.042.292,04		$ 2.418.298.627,32		$ 0,00
IV. ACTIVIDADES COMPLEMENTARIAS						$ 91.630.793,00			$ 64.755.397,00		$ 49.884.343,38		$ 64.755.397,00		$ 0,00
3.1	P - 3.1	Salvamento de Fauna Acuática y Terrestre .	mes	3,00	$ 17.916.931,00	$ 53.750.793,00	-1,50	1,50	$ 26.875.397,00	0,67	$ 12.004.343,38	1,50	$ 26.875.397,00	0,00	$ 0,00
3.2	P - 3.2	Diseño de barrera para el control de tarullas y sobrenadantes en la embocadura del caño.	Glb	1,00	$ 37.880.000,00	$ 37.880.000,00	0,00	1,00	$ 37.880.000,00	1,00	$ 37.880.000,00	1,00	$ 37.880.000,00	0,00	$ 0,00
		IVA ACTIVIDADES COMPLEMENTARIAS			19,00%	$ 17.409.851,00			$ 12.303.525,00		$ 9.478.025,00		$ 12.303.525,00		$ 0,00
		ACTIVIDADES COMPLEMENTARIAS CON IVA				$ 109.040.644,00			$ 77.058.922,00		$ 59.362.368,38		$ 77.058.922,00		$ 0,00
		VALOR PPTO OBRA DEL PERÍODO 2025				$ 2.495.357.549,32			$ 2.495.357.549,32		$ 1.617.404.660,42		$ 2.495.357.549,32		$ 0,00

VALOR PRESENTE ACTA: Mil seiscientos diecisiete millones cuatrocientos cuatro mil seiscientos sesenta pesos con 42/100 CENTAVOS.

Para constancia de lo anterior firman la presente acta de recibo parcial de obra por los que en ella intervinieron :

JOSÉ HERNÁNDEZ MIER
REPRESENTANTE LEGAL
OBRAS DEL NORTE

EDGARDO GALOFRE SÁNCHEZ
REPRESENTANTE LEGAL
CONSORCIO CLARÍN 2025

MEMORIA DE CANTIDADES

ODN OBRAS DEL NORTE

CONSORCIO CLARIN 2025

OBJETO DEL CONTRATO	CONTRATO No. LP 004 DE 2025 OBJETO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"	**ACTA**	**2**	**PERIODO**	**5 DIC 2025 - 3 FEB 2026**
CONTRATISTA	OBRAS DEL NORTE	**NIT O C.C.**	901486053-4	**CONTRATO**	LP 004 DE 2025
INTERVENTOR	CONSORCIO CLARIN 2025	**NIT O C.C.**	901998450-2	**CONTRATO**	CM 002 DE 2025

CAPÍTULO	**MANTENIMIENTO HIDRAULICO**	**ITEM**	**Dragado Hidráulico Mediante el uso de Draga Cortadora de Succión. Incluye: Seguimiento, Control Topobatimétrico y Disposición de material con tubería.**	**UNIDAD**	**m3**







LOCALIZACION	LONGITUD	AREA	VOLUMEN	VOLUMEN TOTAL
CAÑO CLARIN NUEVO				
4800	25	27,77		
4825	25	26,59	874,0	
4850	25	30,96	785,0	
4875	25	25,00	845,0	
4900	25	24,54	850,0	
4925	25	28,53	715,0	
4950	25	34,52	788,1	
4975	25	34,29	857,3	
5000	25	28,08	778,6	
5025	25	25,79	745,0	
5050	25	30,23	798,0	15478,79
5075	25	35,59	822,6	
5100	25	33,27	861,1	
5125	25	29,84	877,0	
5150	25	27,35	846,0	
5175	25	29,72	865,0	
5200	25	24,91	745,0	
5225	25	20,01	795,0	
5250	25	27,27	784,0	
5275	25	31,27	847,0	
5600	25	24,8		
5625	25	20,01	715,0	
5650	25	19,07	730,0	
5675	25	21,03	703,2	
5700	25	19,44	699,3	
5725	25	23,95	739,4	
5750	25	16,17	750,0	8439,58
5775	25	21,11	730,0	
5800	25	18,00	735,0	
5825	25	18,87	661,8	
5850	25	18,87	724,6	
5875	25	12,96	638,9	
5900	25	19,98	612,5	
6100	25	26,8		
6125	25	26,6	667,8	
6150	25	29,0	695,5	
6175	25	25,8	683,4	
6200	25	28,7	680,2	
6225	25	26,3	686,5	
6250	25	26,7	662,7	
6275	25	38,8	818,1	
6300	25	32,0	883,3	
6325	25	22,5	681,1	
6350	25	25,7	601,9	
6375	25	25,3	636,0	14486,90

MEMORIA DE CANTIDADES

ODN OBRAS DEL NORTE

CONSORCIO CLARIN 2025







6400	25	31,9	715,0	
6425	25	29,9	772,1	
6450	25	28,8	734,6	
6475	25	21,5	628,7	
6500	25	23,6	563,4	
6525	25	28,4	650,1	
6550	25	27,9	703,7	
6575	25	29,2	716,2	
6600	25	26,4	694,4	
6625	25	22,6	612,2	
6775	25	26,5		
6800	25	31,3	719,3	
6825	25	22,3	670,4	
6850	25	22,1	680,5	
6875	25	24,3	575,4	
6900	25	24,4	608,2	
6925	25	25,3	619,1	
6950	25	24		
6975	25	35,9	747,3	
7000	25	35,9	747,3	
7025	25	33,5	844,3	
7050	25	30,9	804,8	
7075	25	27,7	733,1	
7100	25	31,5	604,9	
7125	25	30,1	650,5	18858,84
7150	25	28,5	728,7	
7175	25	29,9	728,7	
7200	25	29,1	736,1	
7225	25	25,7	683,8	
7250	25	30,3	698,1	
7275	25	33	790,6	
7300	25	31,5	692,5	
7325	25	33	600,9	
7350	25	32,9	715	
7375	25	32,6	647	
7400	25	31	701	
7425	25	30,4	798	
7450	25	31,6	786	
7475	25	30,2	547,34	

FACTURADO ACUMULADO ANTERIOR	**38.894,78**
TOTAL EJECUTADO PRESENTE ACTA	**57.264,07**
TOTAL A FACTURAR PRESENTE ACTA	**57.200,26**

NOTA. Los valores de volúmenes por tramos (según abscisas) corresponden al resultado del cálculo a partir de la batimetría, equivalente a 57.264,07 m³. Sin embargo, para efectos de conciliación y de consistencia con la interlocutoria, se adopta el volumen de 57.200,26 m³, con el fin de cumplir el balance contractual.

Firma: _____

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OBRAS DEL NORTE

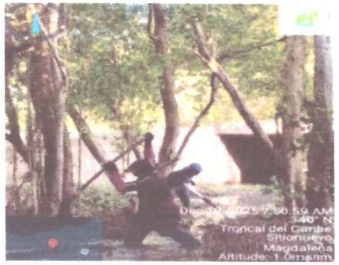
Firma: _____

EDGARDO GALOFRE SÁNCHEZ
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CONSORCIO CLARÍN 2025

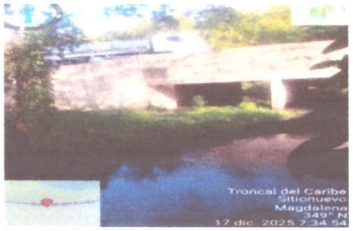
MEMORIA DE CANTIDADES

OBJETO DEL CONTRATO	CONTRATO No. LP 004 DE 2025 OBJETO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"	**ACTA**	**2**	**PERIODO**	**5 DIC 2025 - 3 FEB 2026**
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INTERVENTOR	CONSORCIO CLARIN 2025	**NIT O C.C.**	901998450-2	**CONTRATO**	CM 002 DE 2025

CAPÍTULO	**MANTENIMIENTO HIDRAULICO**	**ITEM**	**Mantenimiento de zona aledaña a los box culverts para permitir el intercambio de agua: incluye retiro de los sedimentos, raíces y troncos, maleza y todo material que restrinja el flujo de agua.**	**UNIDAD**	**Und**













CAÑO CLARIN NUEVO

Se realizan mantenimiento de box culverts de manera manual	3,00

LIMPIEZA DE BOXCULVERT EN CAÑO CLARIN NUEVO 2025

ITEM	Estructura	Lat	Long	Abscisa
1	Box 1	11,004573	-74,666351	K11+690
2	Box 2	11,005344	-74,660042	K12+390
3	Box 3	11,006205	-74,654808	K13+000

TOTAL EJECUTADO ACUMULADO	3,00
FACTURADO ACUMULADO ANTERIOR	0,00
TOTAL A FACTURAR PRESENTE ACTA	3,00

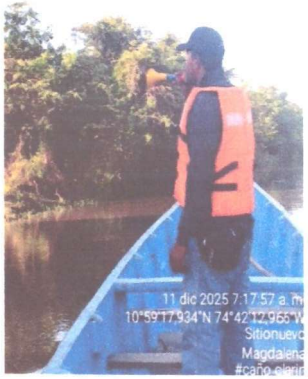
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OBJETO DEL CONTRATO	CONTRATO No. LP 004 DE 2025 OBJETO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"	**ACTA**	2	**PERIODO**	**5 DIC 2025 - 3 FEB 2026**
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CAPITULO	**ACTIVIDADES COMPLEMENTARIAS**	**ITEM**	Salvamento de fauna acuatica y terrestres	**UNIDAD**	**mes**







CAÑO CLARIN NUEVO	
Salvamento de fauna silvestre acuática y terrestre	0,67
TOTAL EJECUTADO ACUMULADO	**1,50**
FACTURADO ACUMULADO ANTERIOR	**0,83**
TOTAL A FACTURAR PRESENTE ACTA	**0,67**

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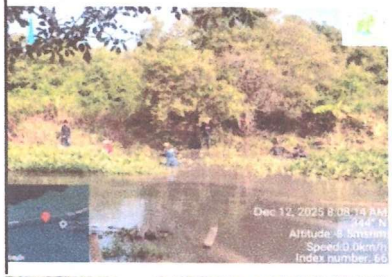
MEMORIA DE CANTIDADES

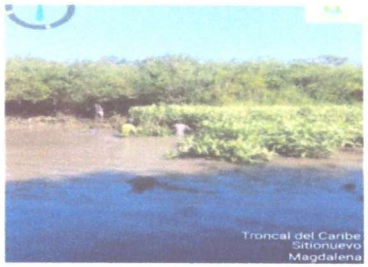
OBJETO DEL CONTRATO	CONTRATO No. LP 004 DE 2025 OBJETO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"	**ACTA**	2	**PERIODO**	**5 DIC 2025 - 3 FEB 2026**
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CAPITULO	**MANTENIMIENTO HIDRAULICO**	**ITEM**	Limpieza Manual de Vegetación	**UNIDAD**	m2













CAÑO CLARIN NUEVO

CAÑO CLARIN NUEVO 2025

AREA LIMPIEZA MANUAL

ITEM	ABSC I	ABSC F	DISTANCIA	AREA	MARGEN
1	K12+072	K12+910	838	11729,52	IZQ
2	K12+072	K12+910	838	2783,97	DER
3	K13+052	K13+920	868	23513,2	COMPLETO
4	K13+920	K15+112	1192	16600	COMPLETO
AREA TOTAL DE LIMPIEZA (m2)				**54626,69**	

TOTAL EJECUTADO ACUMULADO	0,00
FACTURADO ACUMULADO ANTERIOR	0,00
TOTAL A FACTURAR PRESENTE ACTA	54626,69

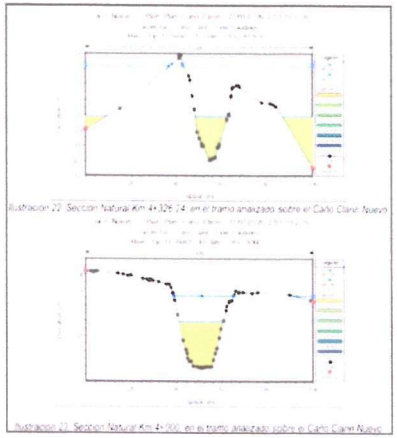
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OBJETO DEL CONTRATO	CONTRATO No. LP 004 DE 2025 OBJETO: "MANTENIMIENTO DEL CAÑO CLARIN NUEVO COMO APORTE A LA RECUPERACION DEL VIA PARQUE ISLA SALAMANCA EN EL DEPARTAMENTO DEL MAGDALENA"	**ACTA**	2	**PERIODO**	**5 DIC 2025 - 3 FEB 2026**
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CAPÍTULO	**ACTIVIDADES COMPLEMENTARIAS**	**ITEM**	**Diseño de barrera para el control de tarullas y sobrenadantes en la embocadura del caño.**	**UNIDAD**	**Glb**







CAÑO CLARIN NUEVO	
Diseño de barrera para control de tarullas y sobrenadantes en la embocadura del caño	1,00
TOTAL EJECUTADO ACUMULADO	**1,00**
FACTURADO ACUMULADO ANTERIOR	**0,00**
TOTAL A FACTURAR PRESENTE ACTA	**1,00**

Firma: _____
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