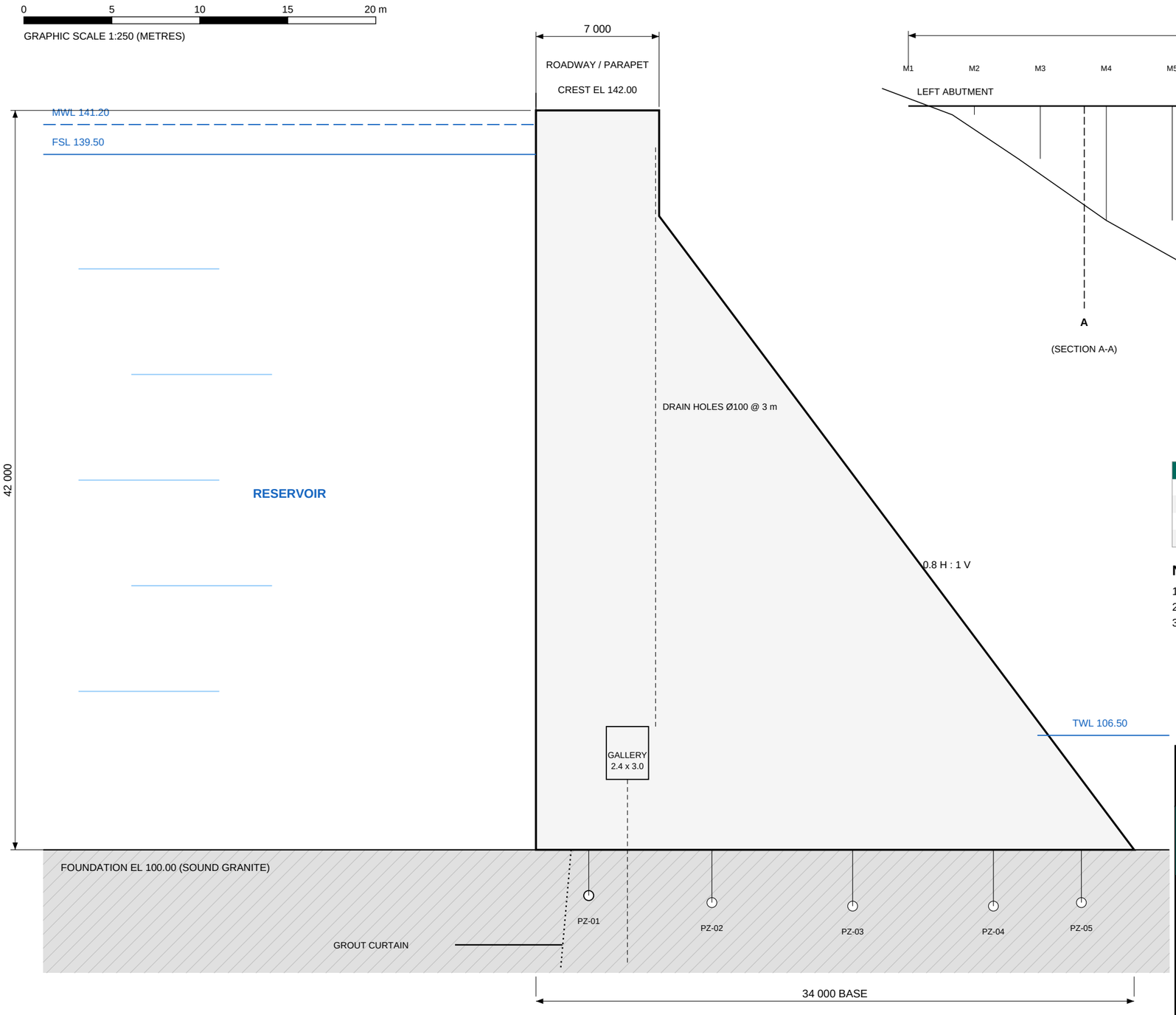
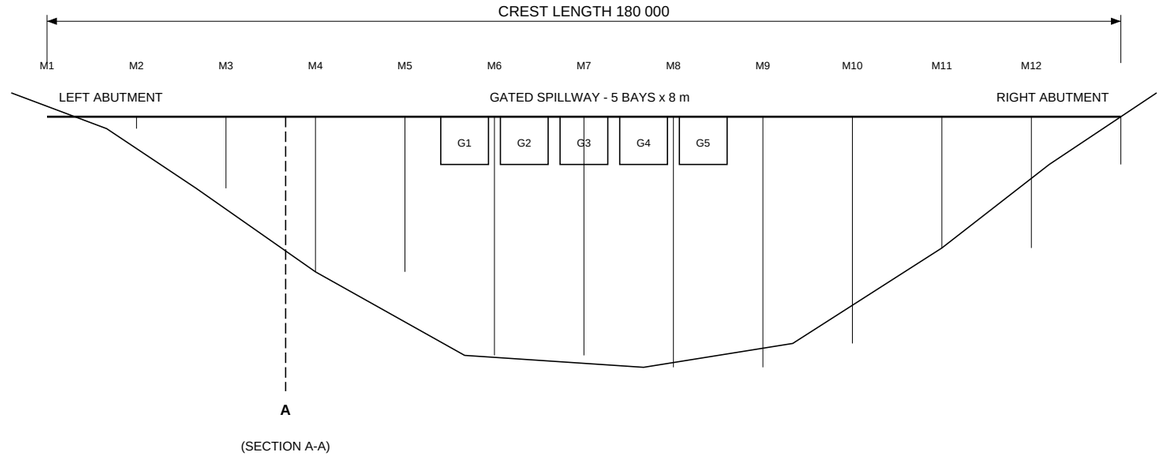


SECTION A-A (NON-OVERFLOW)

SCALE 1:250



(SECTION A-A)

DOWNSTREAM ELEVATION

SCALE 1:1000 · MONOLITH JOINTS @ 15 m

TAG	TYPE	LOCATION	ALARM
PZ-01 - PZ-05	Vibrating-wire piezometer	Foundation, Sect. A-A	Uplift > design
IP-01	Inverted pendulum	Monolith M7	> 12 mm
WD-01	V-notch weir (drains)	Gallery outlet	> 8 L/s
TM-01..06	Joint meters	M5-M8 joints	> 2 mm

NOTES

1. Elevations in metres (local datum).
2. Dam safety review per CDA 2013 (2019 rev).
3. Uplift assumed 2/3 reduction at drain line.

REV	DATE	DESCRIPTION	BY
B	2026-10-01	INSPECTION FINDINGS ADDED	JD
A	2026-08-30	ISSUED FOR REVIEW	JD

CASCADE HYDRO ENGINEERING (DEMO)

Dams & hydropower · sample drawing

CLIENT
RIVERBEND POWER AUTHORITY (FICTIONAL)

TITLE
STILLWATER DAM - DAM SAFETY REVIEW
SECTION A-A & DOWNSTREAM ELEVATION

DRAWN	CHECKED	APPROVED	DATE
J. DOE	A. SMITH	R. LEE	2026-10-01

SCALE	SIZE	DRAWING NUMBER	REV
AS NOTED	B	CHE-DSR-104	B

Fictional sample drawing for software demonstration only - not for construction