

There's only a detailed survey inside the yellow boundary.
The remaining survey is imprecise.

Legend: სავალი

armoring stones	weight	approx. edge length
class IV	800 to 1500 kg	0.7 to 0.8 m
class V	1500 to 2000 kg	0.8 to 1.0 m
class VI	2000 to 3000 kg	1.0 m
class VII	4000 kg	1.2 to 1.6 m

cul

cul	III	concrete bottom
concrete		
parapet		
access road/rail		

Notes:

- river bed
- boundary
- river bank
- road
- bridge

GENERAL DRAWING გეოგრაფიკული ნახაზი

KEY PLAN საერთო ნახაზი

plan overview გეოგრაფიკული ნახაზი

Notes:

- Date of detailed survey used as design base: 21.10.2016
- Design base: 21.10.2016
- Results of survey by contractor are 03.12.2014, 04.08.2016 and 27.08.2017
- Later changes in terrain are not considered

Scale: 1:100

Project: HPP Mestiachala 1 & 2
Detailed Design გეოგრაფიკული ნახაზი

Client: JSC SVANETI HYDRO

Design: HYDROTECHNICAL

Author: 18.07.2018

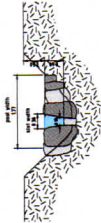
Project No.: 160611

Sheet No.: K11-01-0013

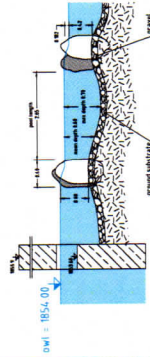
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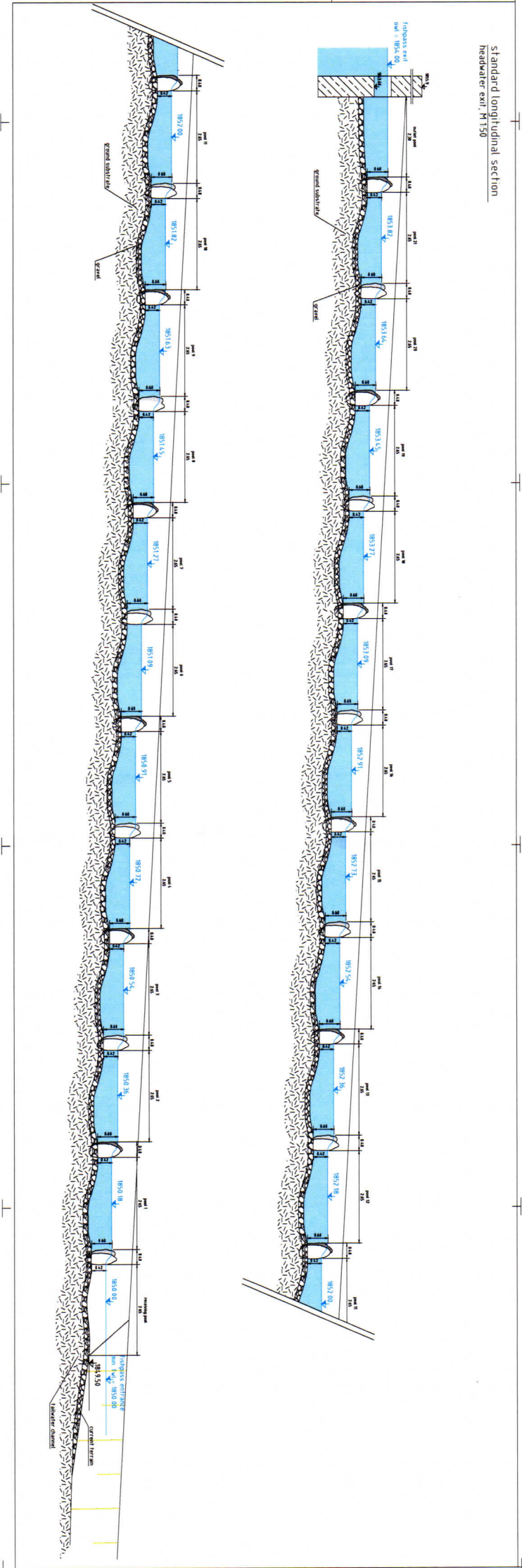
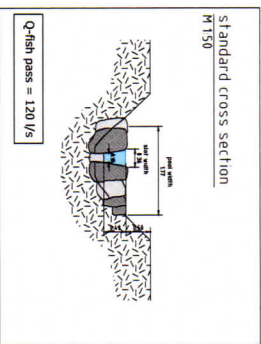
Q-fish pass = 120 l/s

standard cross section
RT50



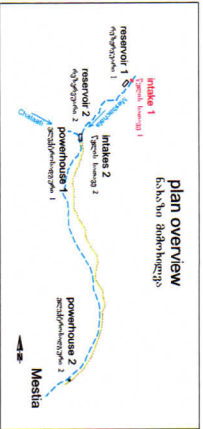
standard longitudinal section
headwater ext. H150





GENERAL DRAWING გადგომის ცახახო

KEY PLAN:
not in scale



Final postwork routing after
supplement of the survey data
Survey by contractor
SYNERGY

Date of construction survey used as
basis for design is 15.07.2014
Supplement of the survey data
are 03.10.2014, 04.08.2016 and
15.07.2017
Later changes in terrain are not
considered

NO	CHANGES	DATE	BY	CHK
01	CHANGES	15.07.2014	BY	CHK

JSC SVANETI HYDRO
სვანეთის ჰიდრო

HPP Mestiachala 1 & 2
Intake 1
Detailed Design გეგმის დეტალური პროექტი

HPP MESTIACHALA 1
Intake 1
Fish pass 1
longitudinal section
1:50