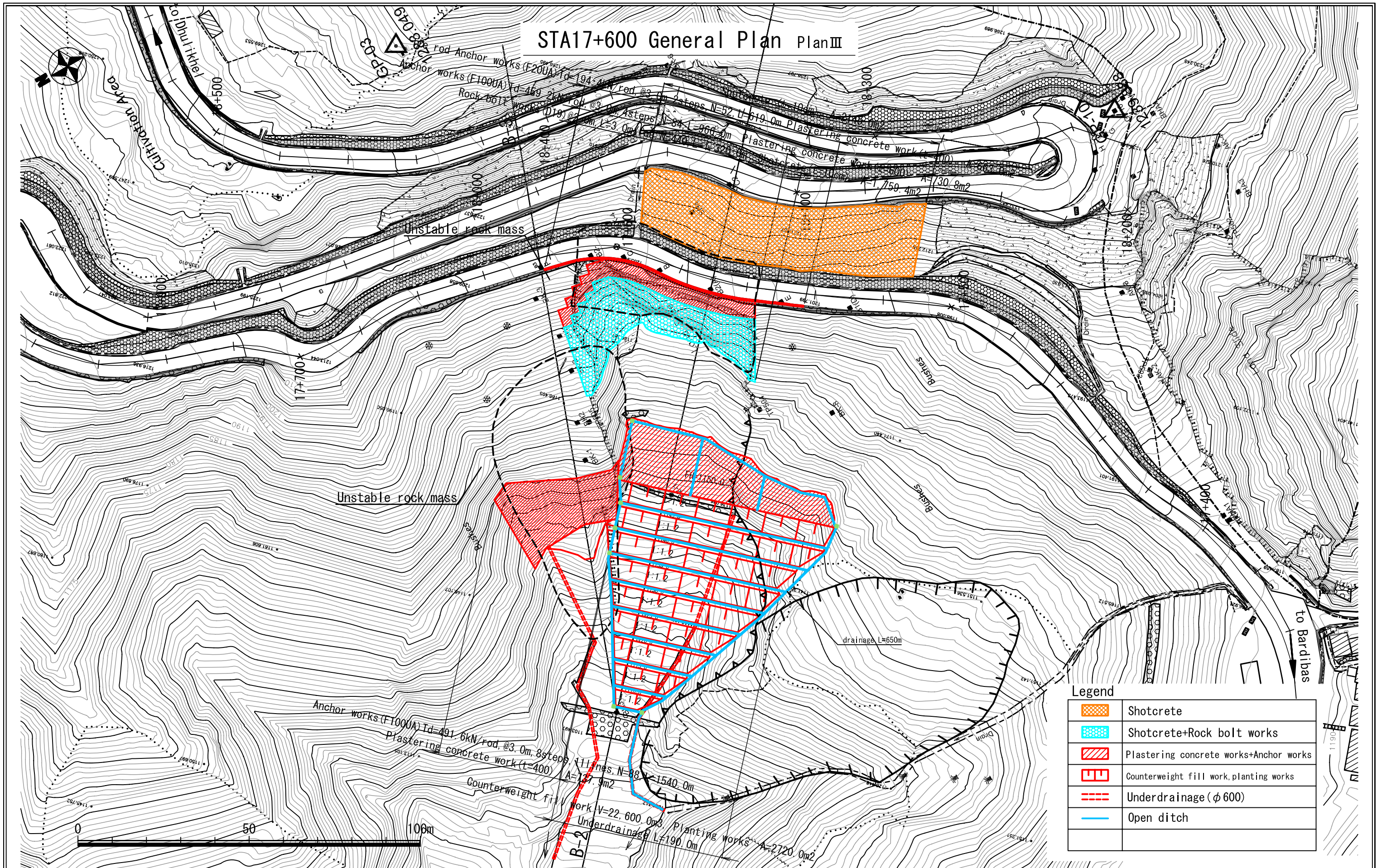


STA17+600 General Plan Plan III



Legend	
	Shotcrete
	Shotcrete+Rock bolt works
	Plastering concrete works+Anchor works
	Counterweight fill work, planting works
	Underdrainage (φ 600)
	Open ditch

THE DEPARTMENT OF ROADS
MINISTRY OF PHYSICAL PLANNING
AND WORKS
NEPAL

JAPAN INTERNATIONAL COOPERATION AGENCY
 NIPPON KOEI CO., LTD. (NK)

04	
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REV.	DATE

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DRAWN BY	
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RECOMMENDED BY	
APPROVED BY	

THE PREPARATORY SURVEY
ON THE PROJECT
FOR COUNTERMEASURE CONSTRUCTION
FOR THE LANDSLIDES
ON SINDHULI ROAD (SECTION II)

DATE
MARCH 2011

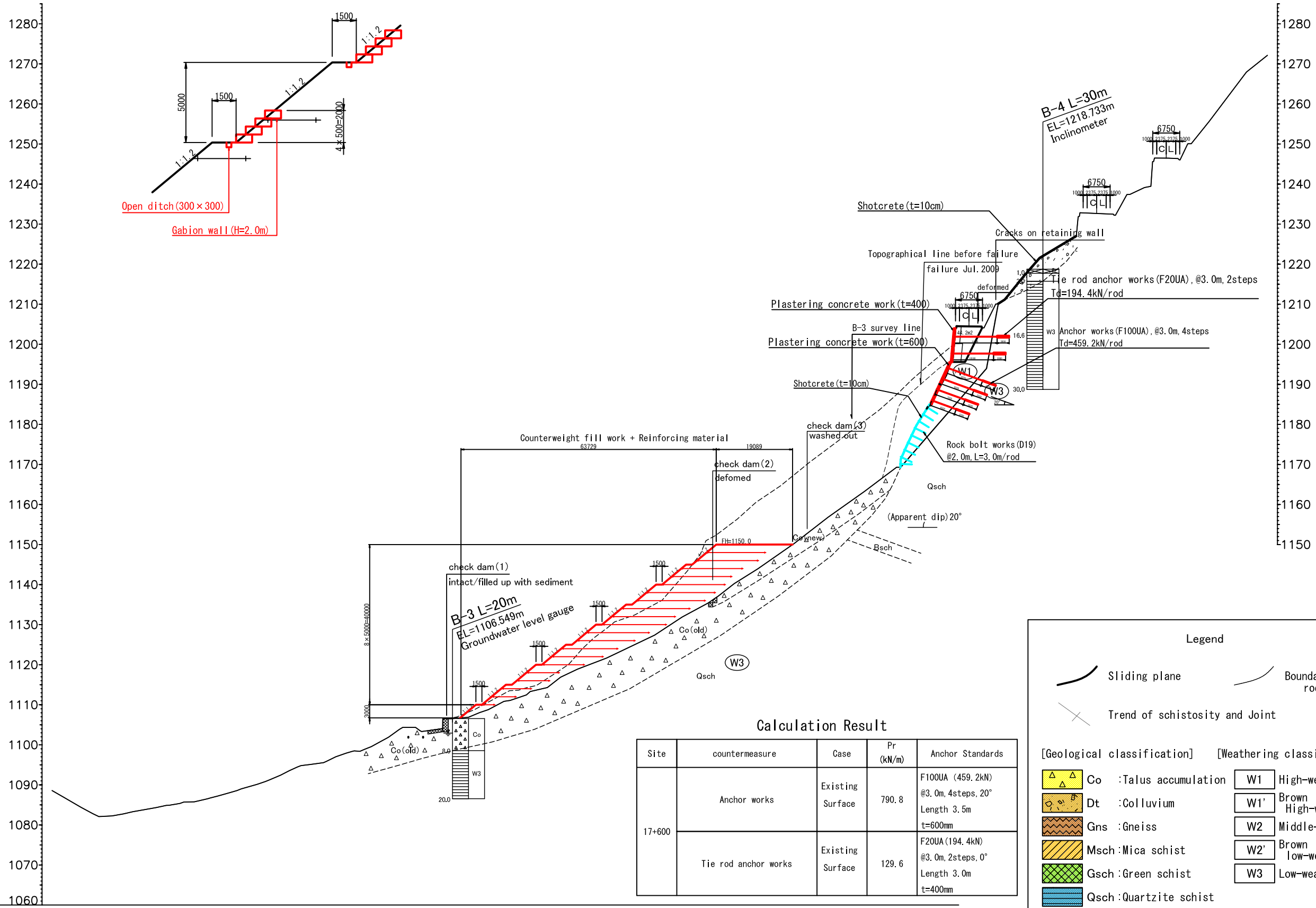
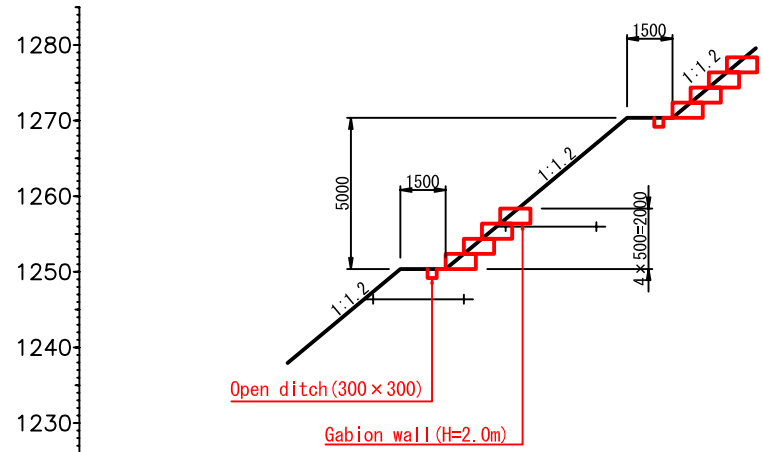
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Cross Section B-2 Plan III

DETAILS



Calculation Result

Site	countermeasure	Case	Pr (kN/m)	Anchor Standards
17+600	Anchor works	Existing Surface	790.8	F100UA (459.2kN) @3.0m, 4steps, 20° Length 3.5m t=600mm
	Tie rod anchor works	Existing Surface	129.6	F20UA (194.4kN) @3.0m, 2steps, 0° Length 3.0m t=400mm

Legend

- Sliding plane
- Boundary of rock facies
- Trend of schistosity and Joint

[Geological classification] [Weathering classification]

Co :Talus accumulation	W1 High-weathered
Dt :Colluvium	W1' Brown High-weathered
Gns :Gneiss	W2 Middle-weathered
Msch :Mica schist	W2' Brown low-weathered
Gsch :Green schist	W3 Low-weathered
Qsch :Quartzite schist	

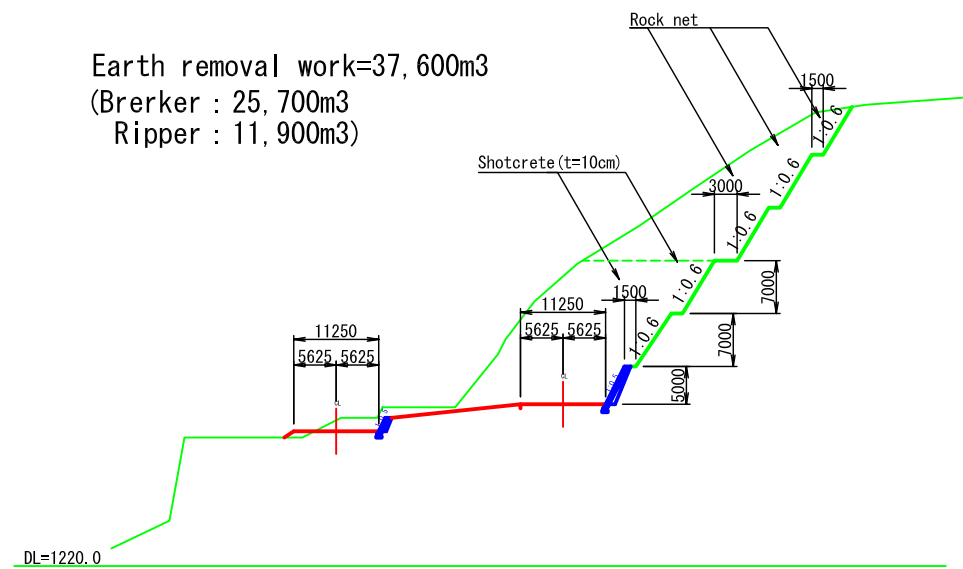
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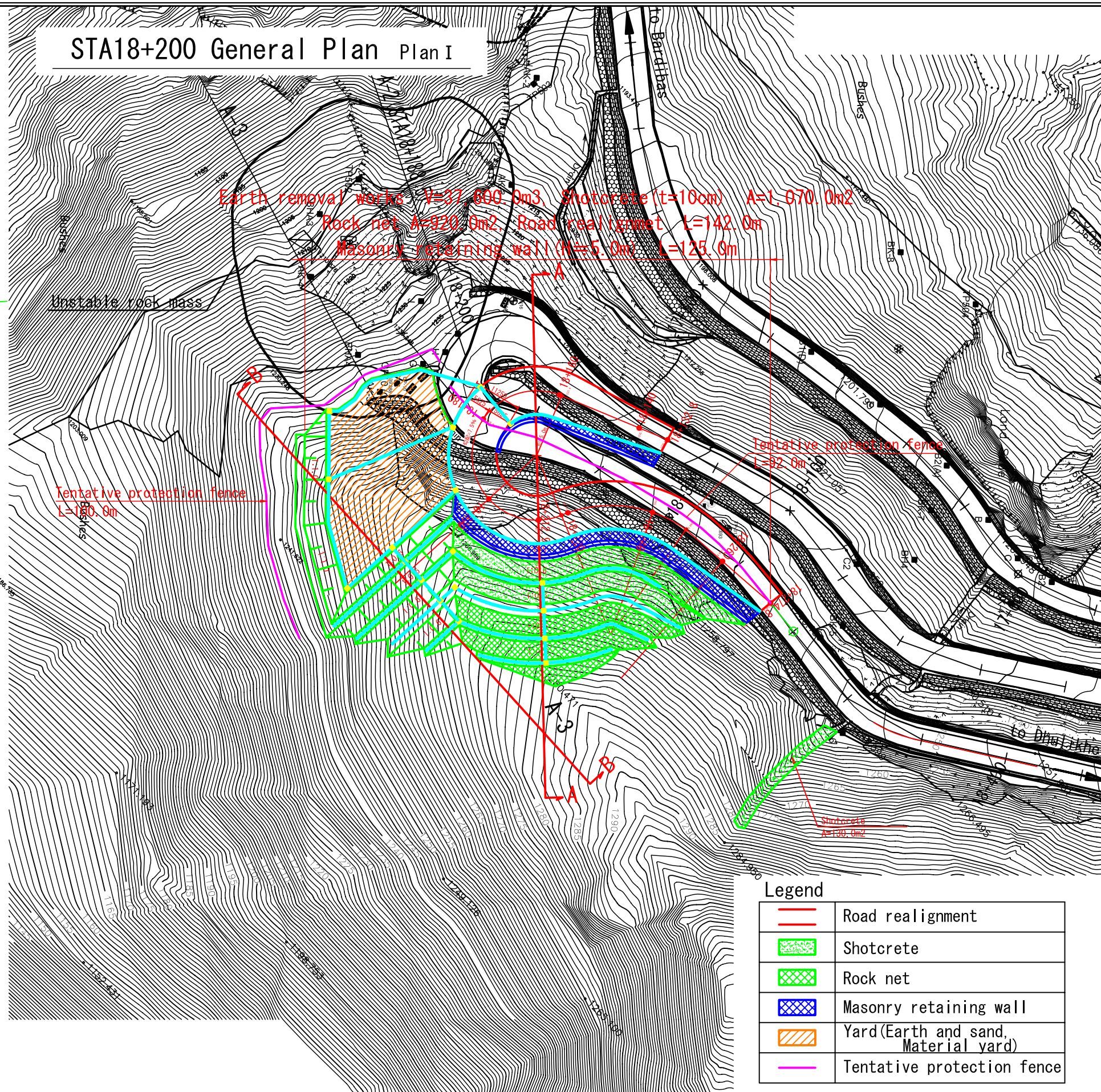
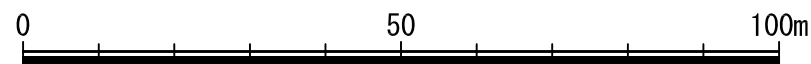
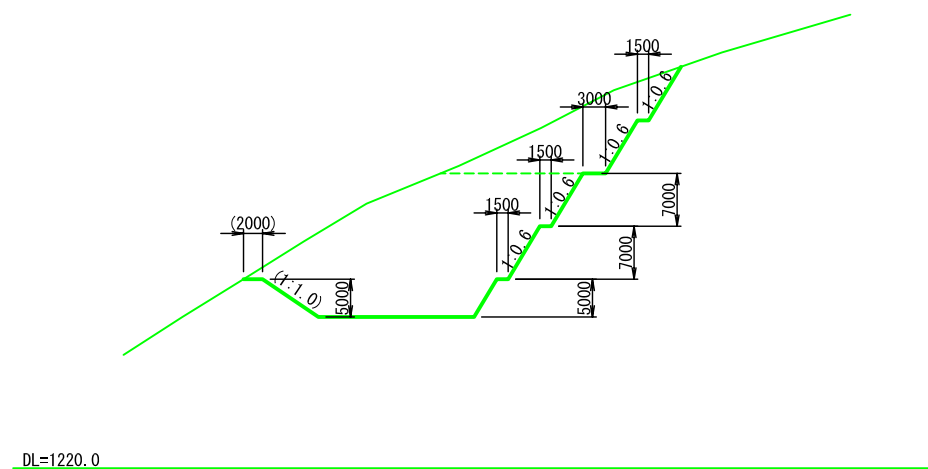
STA18+200 General Plan Plan I

A-A Cross Section

Earth removal work=37,600m³
 (Breker : 25,700m³
 Ripper : 11,900m³)



B-B Cross Section



Legend	
	Road realignment
	Shotcrete
	Rock net
	Masonry retaining wall
	Yard (Earth and sand, Material yard)
	Tentative protection fence

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