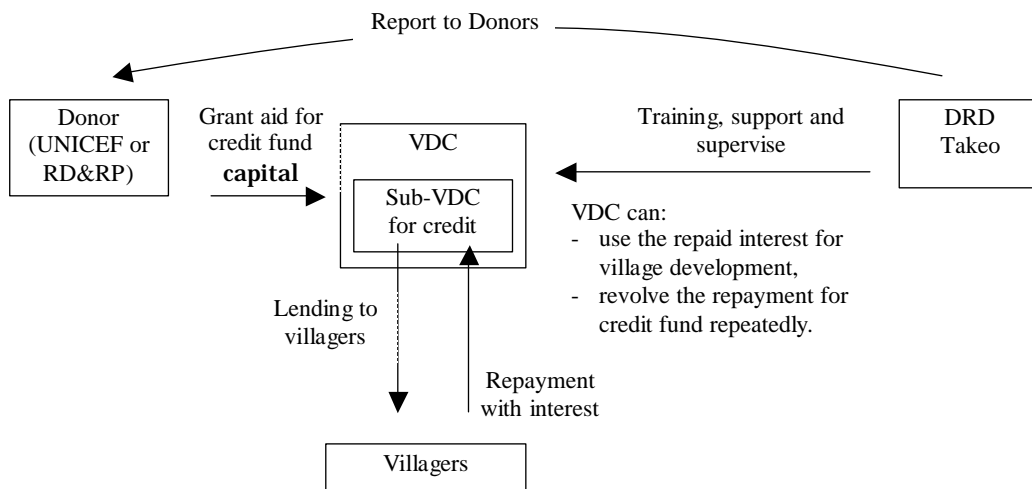


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<p>国際協力事業団</p>	



Conditions of VDC Credit

Capital fund	Grant aid to each VDC from donor
Management of lending and repayment	Self-management by the VDC independently and autonomously. Usually, 2 members of credit sub-VDC operate the lending and repayment under the VDC.
Training, support and supervising	At the beginning, the donors trained and supervised the VDC member, and currently DRD are supervising the funds and operation.
Purpose of credit lending	Basically for purchase of fertilizer, and during the off-cropping season the fund can be use for other purpose (livestock, etc.).
Lending and repayment	Cash lending and cash repayment with interest.
Lending period	5 -6 months (one cropping season)
Interest rate	2% per month or 10% per season for fertilizer; and 2% or 4% per month for other purpose. The interest has to be repaid every month in some villages.
Revolving of repayment	VDC can revolve the repayment from users for credit fund repeatedly.
Utilization of interest	VDC can use the accumulated interest for village development according the decision of the VDC meeting.

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図 IV-1.6.1

VDC によるクレジットのシステム
と条件

Tumnup Lok Reservoir

- 1) Water Source : Tras Stream, Slakou River
- 2) Catchment Area : 322 km²
- 3) Effective Storage (20 Years) : 1,100 MCM
- 4) Dike Top Elevation : 43.5m
- 5) Design Flood (100 years) : 420m³/s
- 6) Flood Water Level : EL42.6m
- 7) High Water Level : EL41.5m
- 8) Low Water Level : EL40.4m

Diversion Canal

- 1) Total Length : 9.4km
- 2) Design Discharge : 3.5m³/sec
- 3) Canal Bed Width : 2.0m
- 4) Lining : Laterite Lining

Kpob Trobek Reservoir

- 1) Water Source : Don Phe Stream
- 2) Catchment Area : 137 m²
- 3) Effective Storage (20 Years) : 2.49 MCM
- 4) Dike Top Elevation : 39.0m
- 5) Design Flood (100 years) : 195m³/s
- 6) Flood Water Level : EL38.1m
- 7) High Water Level : EL37.3m
- 8) Low Water Level : EL40.4m

A-1 Section

- 1) Design Discharge : 3,216.4 l/s
- 2) Length of Canal : 1,265 m
- 3) Canal Bed Width : 2.0 m
- 4) Design Water Depth : 1.62 m
- 5) Canal Gradient : 1/5,000

A-2 Section

- 1) Design Discharge : 3,065.2 l/s
- 2) Length of Canal : 1,699m
- 3) Canal Bed Width : 2.0m
- 4) Design Water Depth : 1.19 m
- 5) Canal Gradient : 1/1,500

A-3 Section

- 1) Design Discharge : 2,214.1 l/s
- 2) Length of Canal : 1,253m
- 3) Canal Bed Width : 1.5 m
- 4) Design Water Depth : 1.10 m
- 5) Canal Gradient : 1/1,500

A-4 Section

- 1) Design Discharge : 1,544.4 l/s
- 2) Length of Canal : 1,589m
- 3) Canal Bed Width : 1.3 m
- 4) Design Water Depth : 0.96 m
- 5) Canal Gradient : 1/1,500

A-5 Section

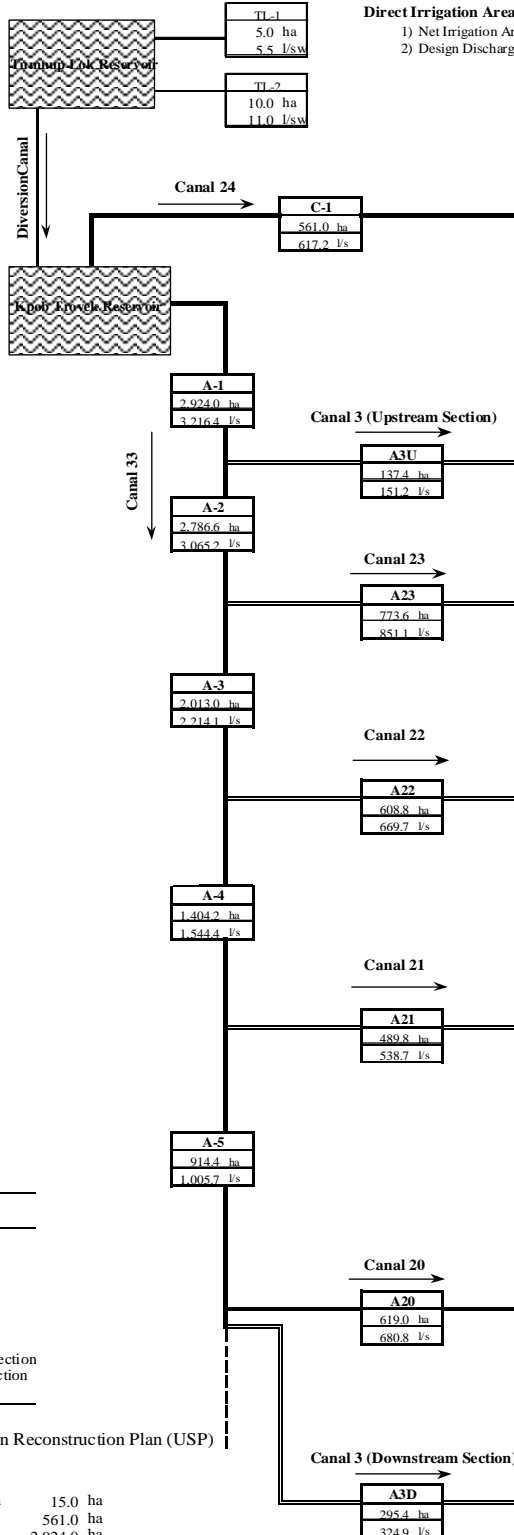
- 1) Design Discharge : 1,005.7 l/s
- 2) Length of Canal : 1,495m
- 3) Canal Bed Width : 1.0 m
- 4) Design Water Depth : 0.80 m
- 5) Canal Gradient : 1/1,200

Legend

	Main Canal Course
	Secondary Canal Course
	Tertiary Canal Course
	Name of Canal Section
	Net Irrigation Area of the Section
	Design Discharge of the Section

Irrigation area of Upper Slakou River Irrigation Reconstruction Plan (USP)

Direct Intake from Tumnup Lok Reservoir	15.0 ha
Canal 24	561.0 ha
Canal 33	2,924.0 ha
Total	3,500.0 ha



Direct Irrigation Area from Tumnup Lok Reservoir

- 1) Net Irrigation Area : 15.0 ha
- 2) Design Discharge : 16.5 l/s

Canal 24

- 1) Net Irrigation Area : 561.0 ha
- 2) Design Discharge at B.P. : 617.2 l/s
- 3) Number of Tertiary Block : 9 nos.
- 4) Length of Canal : 5,715 m
- 5) Canal Bed Width at B.P. : 1.0 m
- 6) Water Surface Level at B.P. : EL 34.57 m

Canal 3 (Upstream Section)

- 1) Net Irrigation Area : 137.4 ha
- 2) Design Discharge at B.P. : 151.2 l/s
- 3) Number of Tertiary Block : 3 nos.
- 4) Length of Canal : 1,410 m
- 5) Canal Bed Width at B.P. : 0.5 m
- 6) Water Surface Level at B.P. : EL 34.57 m

Canal 23

- 1) Net Irrigation Area : 773.6 ha
- 2) Design Discharge at B.P. : 851.1 l/s
- 3) Number of Tertiary Block : 23 nos.
- 4) Length of Canal : 9,245 m
- 5) Canal Bed Width at B.P. : 1.0 m
- 6) Water Surface Level at B.P. : EL 31.40 m

Canal 22

- 1) Net Irrigation Area : 608.8 ha
- 2) Design Discharge at B.P. : 669.7 l/s
- 3) Number of Tertiary Block : 21 nos.
- 4) Length of Canal : 8,040 m
- 5) Canal Bed Width at B.P. : 0.8 m
- 6) Water Surface Level at B.P. : EL 29.44 m

Canal 21

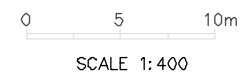
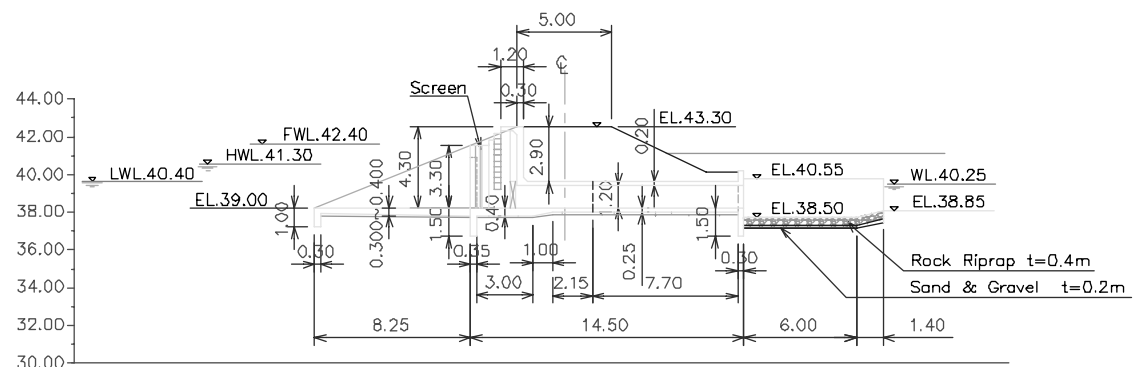
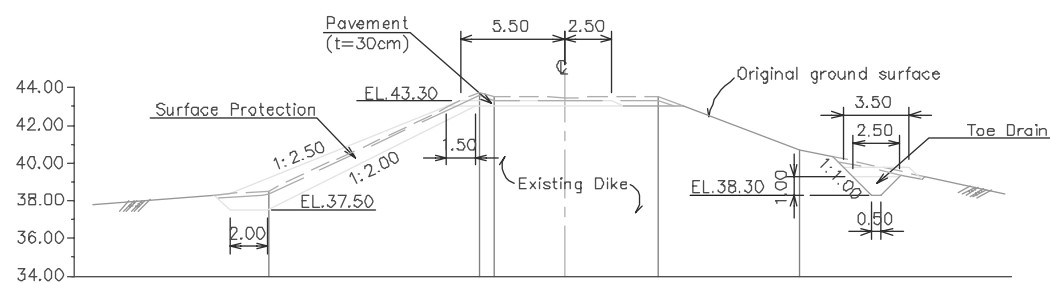
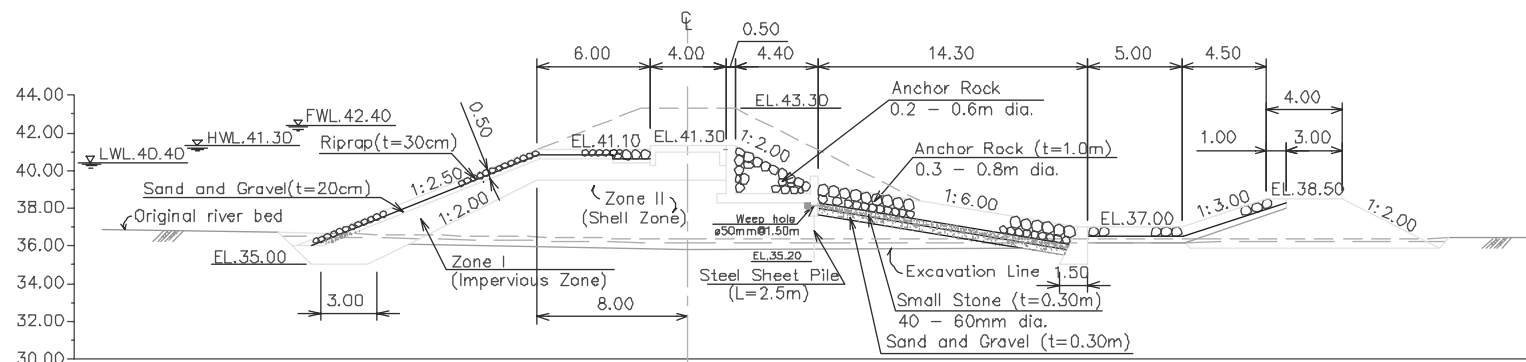
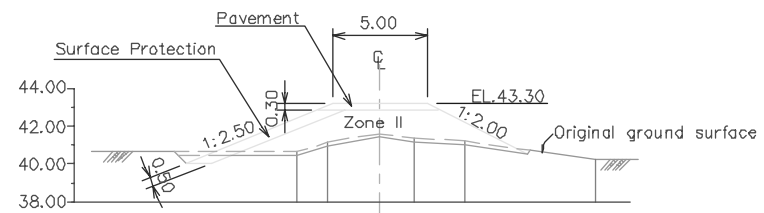
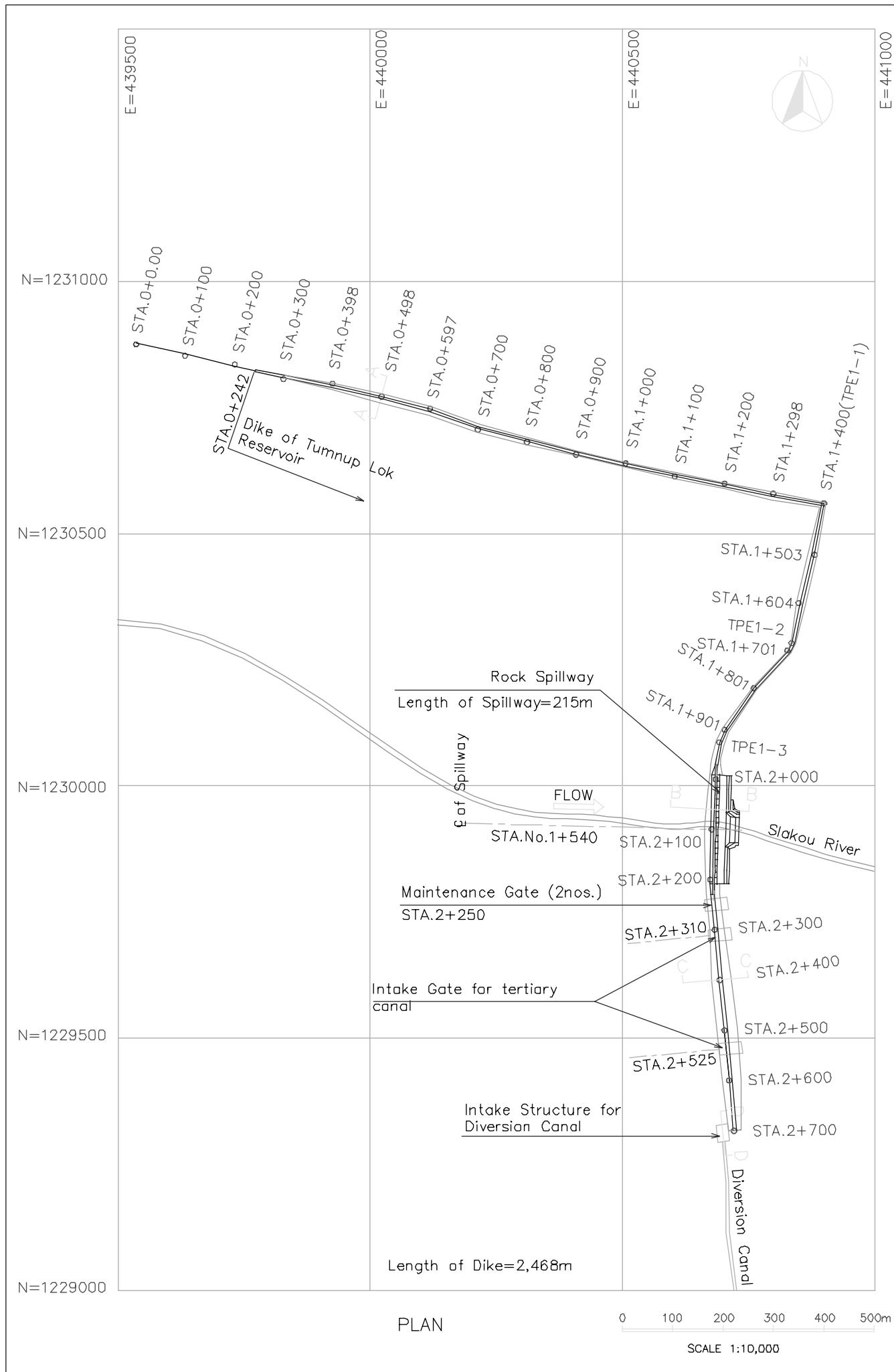
- 1) Net Irrigation Area : 489.8 ha
- 2) Design Discharge at B.P. : 538.7 l/s
- 3) Number of Tertiary Block : 19 nos.
- 4) Length of Canal : 6,930 m
- 5) Canal Bed Width at B.P. : 0.8 m
- 6) Water Surface Level at B.P. : EL 28.35 m

Canal 20

- 1) Net Irrigation Area : 619.0 ha
- 2) Design Discharge at B.P. : 680.8 l/s
- 3) Number of Tertiary Block : 20 nos.
- 4) Length of Canal : 6,690 m
- 5) Canal Bed Width at B.P. : 0.9 m
- 6) Water Surface Level at B.P. : EL 26.26 m

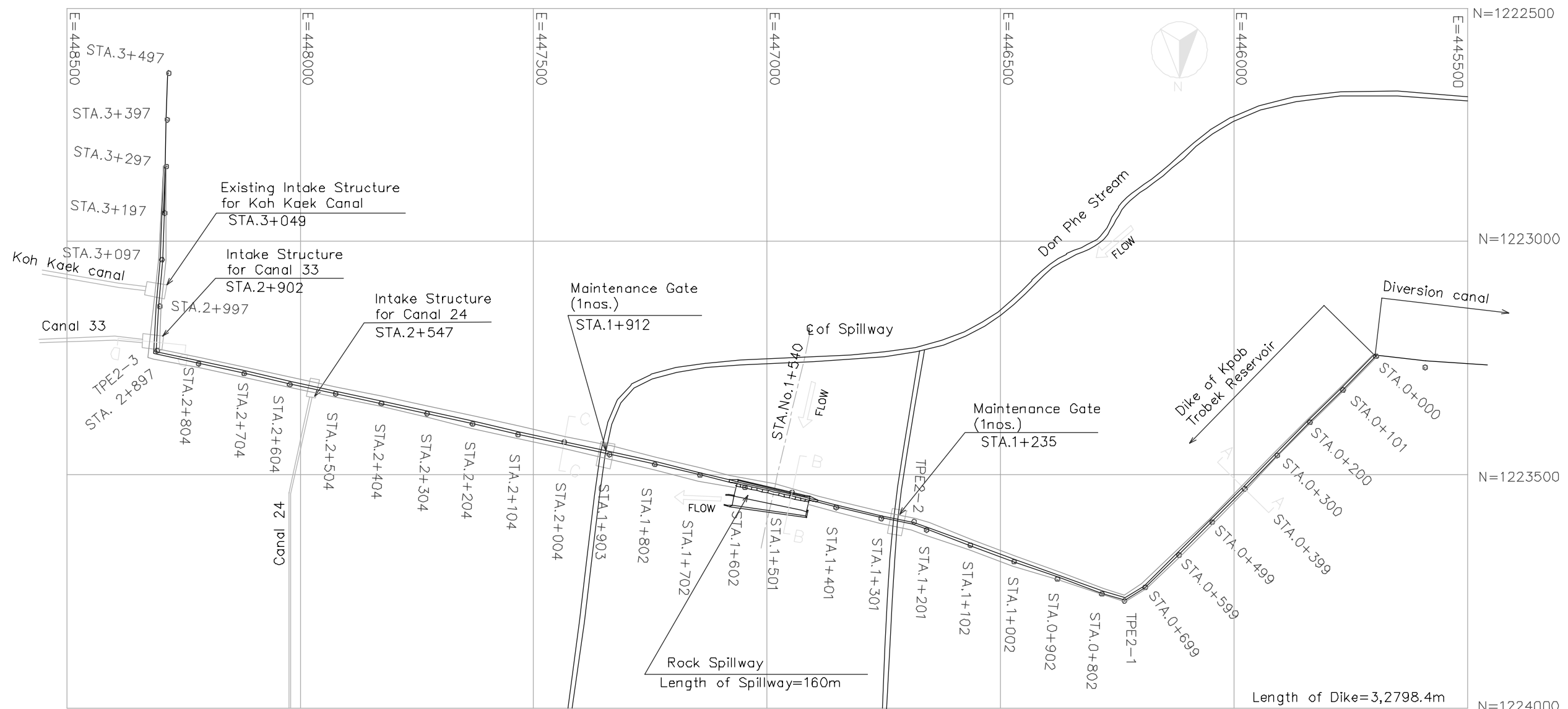
Canal 3 (Downstream Section)

- 1) Net Irrigation Area : 295.4 ha
- 2) Design Discharge at B.P. : 324.9 l/s
- 3) Number of Tertiary Block : 9 nos.
- 4) Length of Canal : 3,249 m
- 5) Canal Bed Width at B.P. : 0.7 m
- 6) Water Surface Level at B.P. : EL 26.25 m

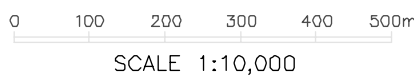


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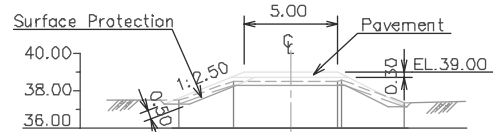
図IV-2.3.1
Tumnap Lok 貯水池一般平面図



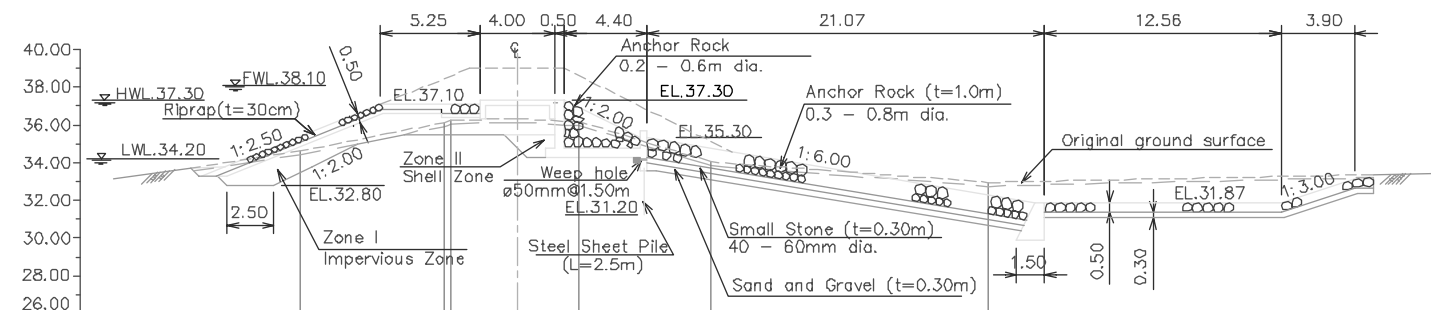
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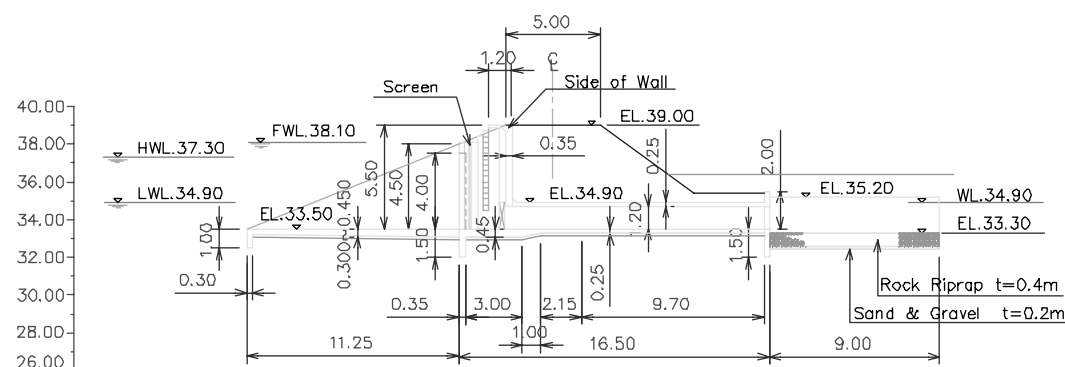
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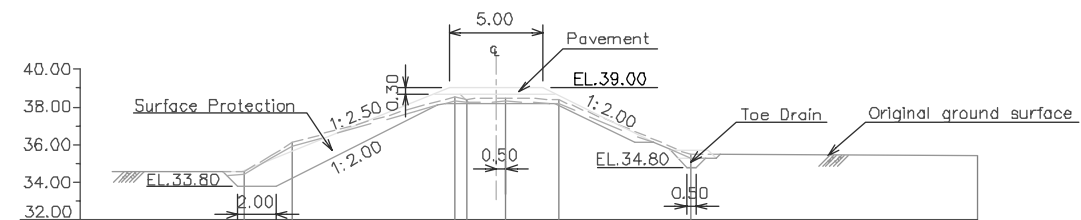
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SECTION B-B (STA.1+501) SCALE 1:400



SECTION D-D (INTAKE STRUCTURE) SCALE 1:400

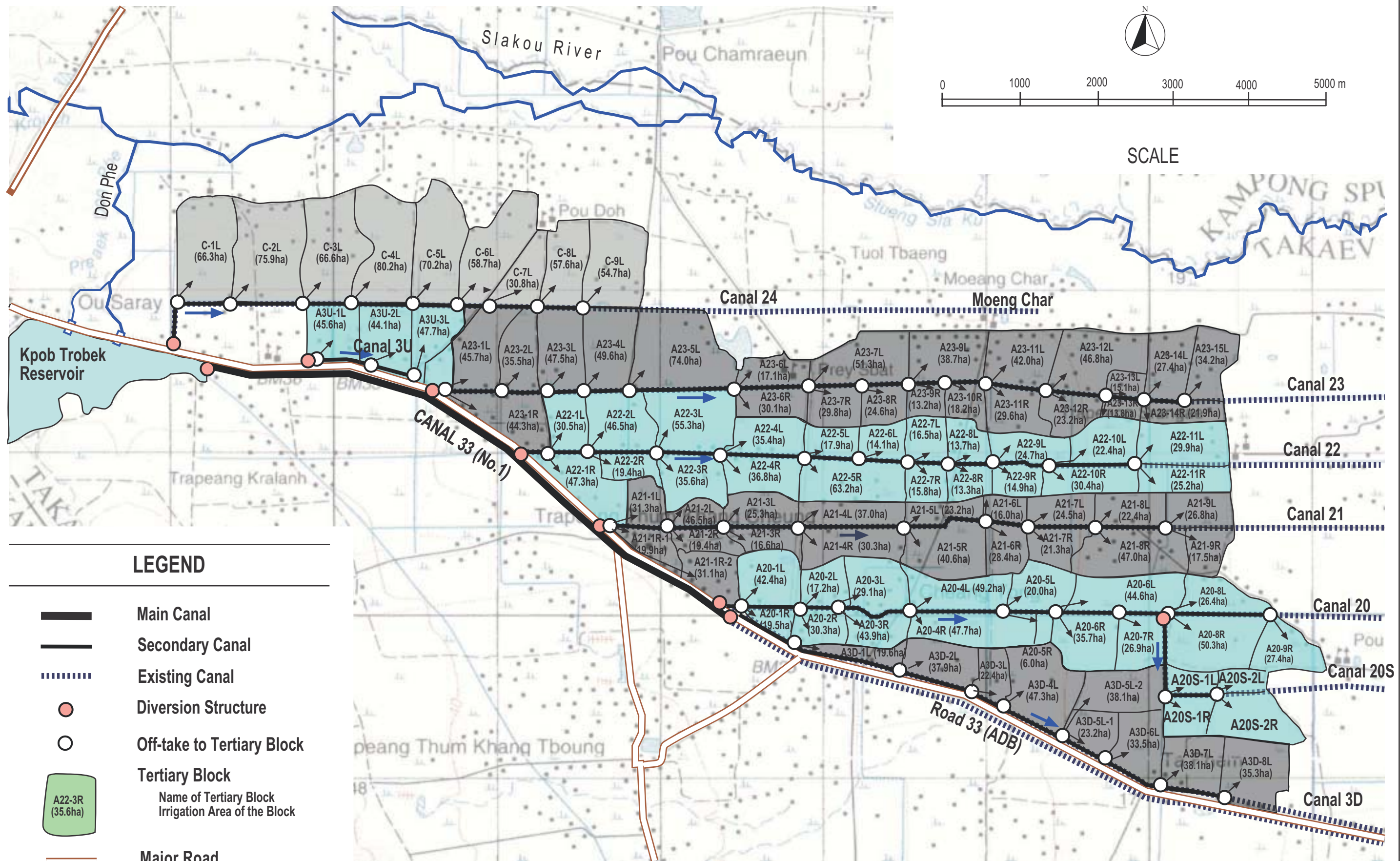


SECTION C-C (STA.2+004) SCALE 1:400



SCALE 1:400

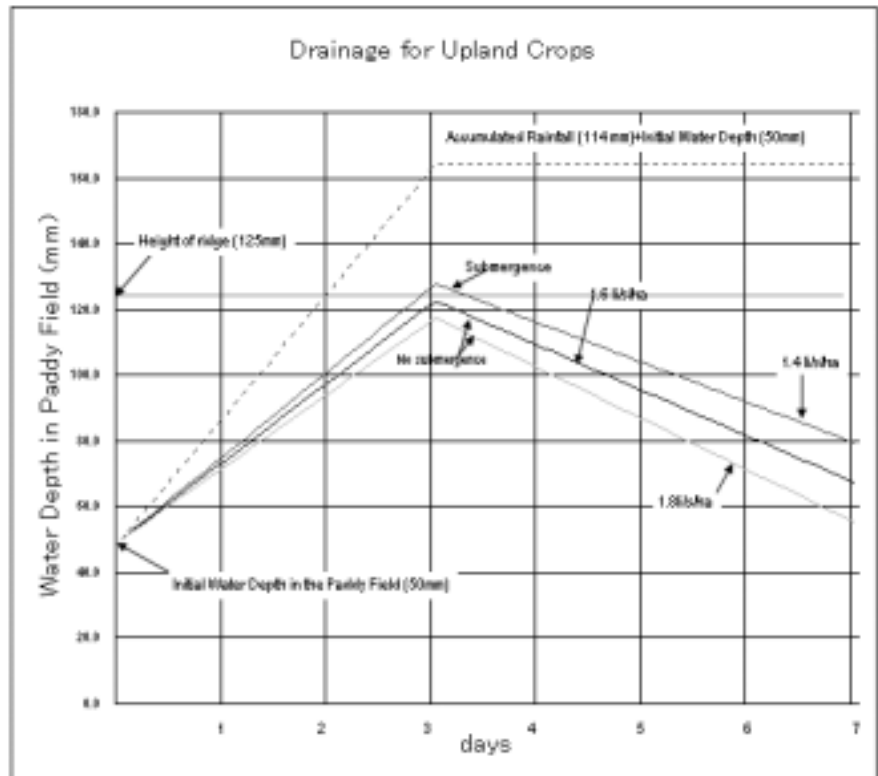
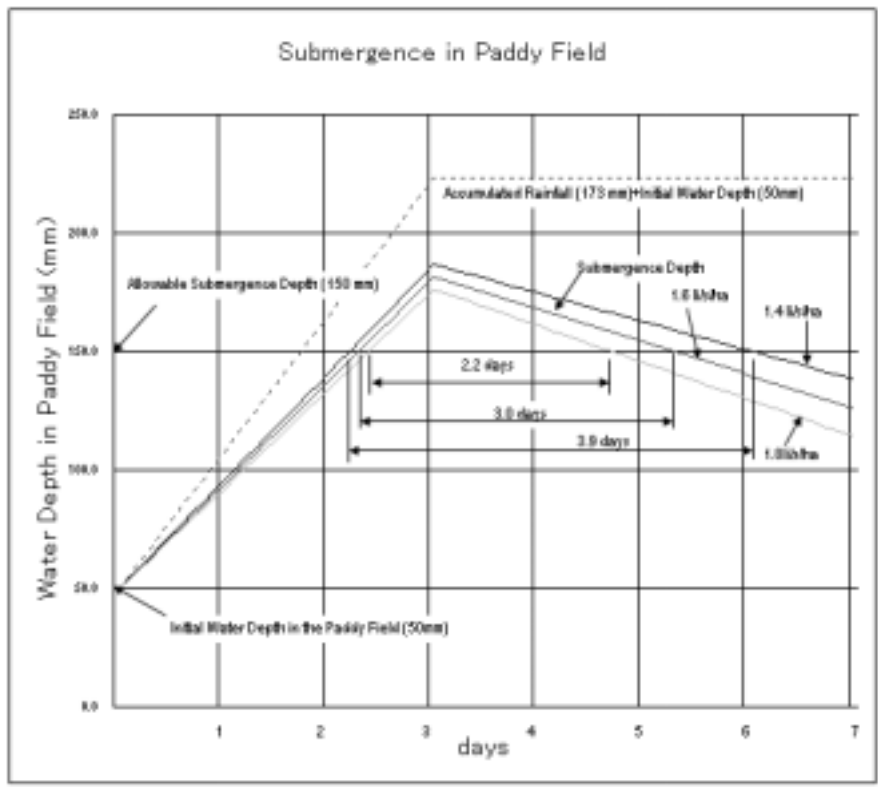
<p>カンボディア国</p> <p>スラコウ川流域農業生産基盤復興開発計画調査</p> <p>国際協力事業団</p>	<p>図IV-2.3.2</p> <p>Kpob Trobek 貯水池一般平面図</p>
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LEGEND

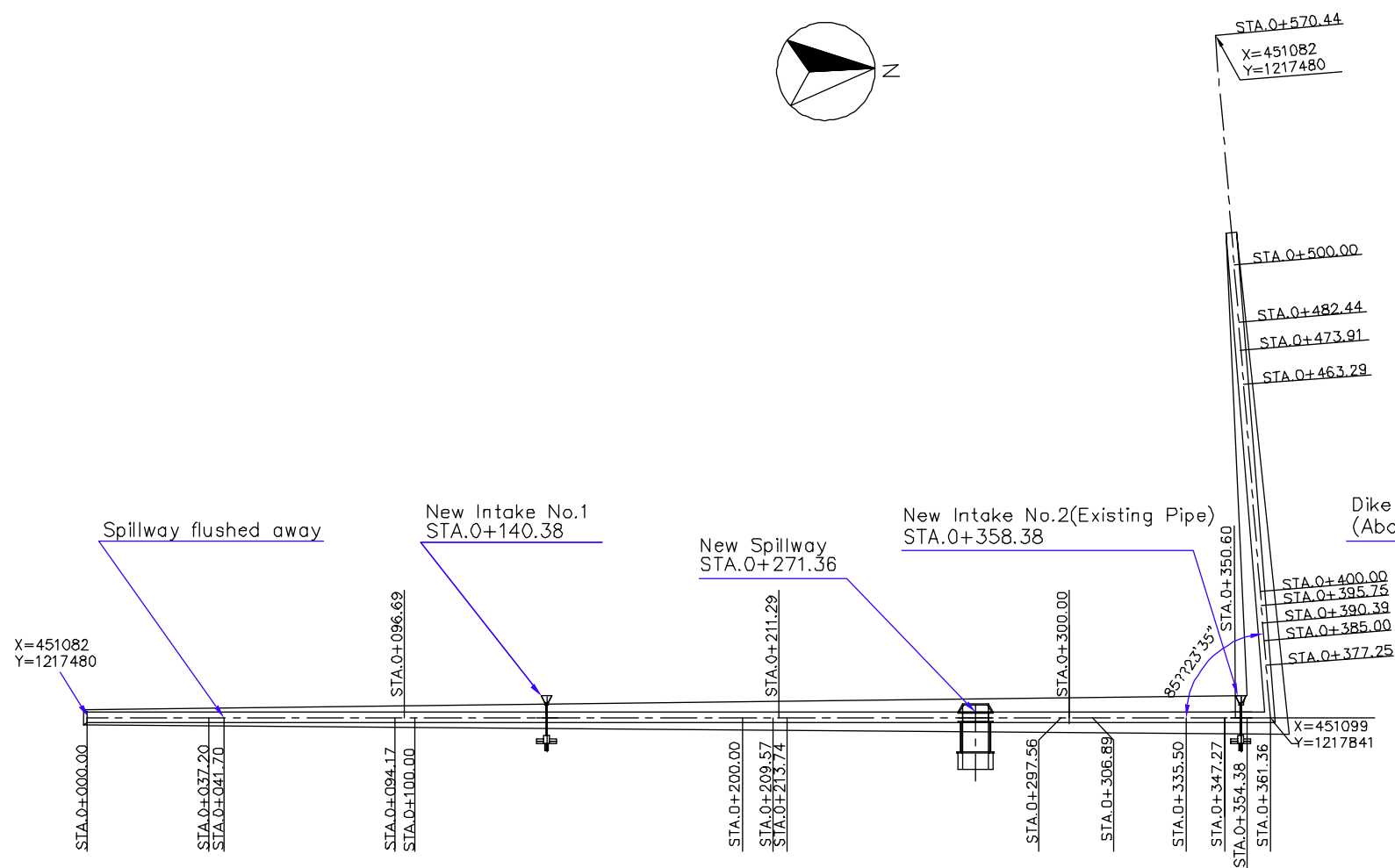
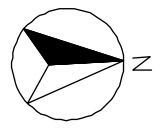
- Main Canal
- Secondary Canal
- Existing Canal
- Diversion Structure
- Off-take to Tertiary Block
- Tertiary Block
Name of Tertiary Block
Irrigation Area of the Block
- Major Road

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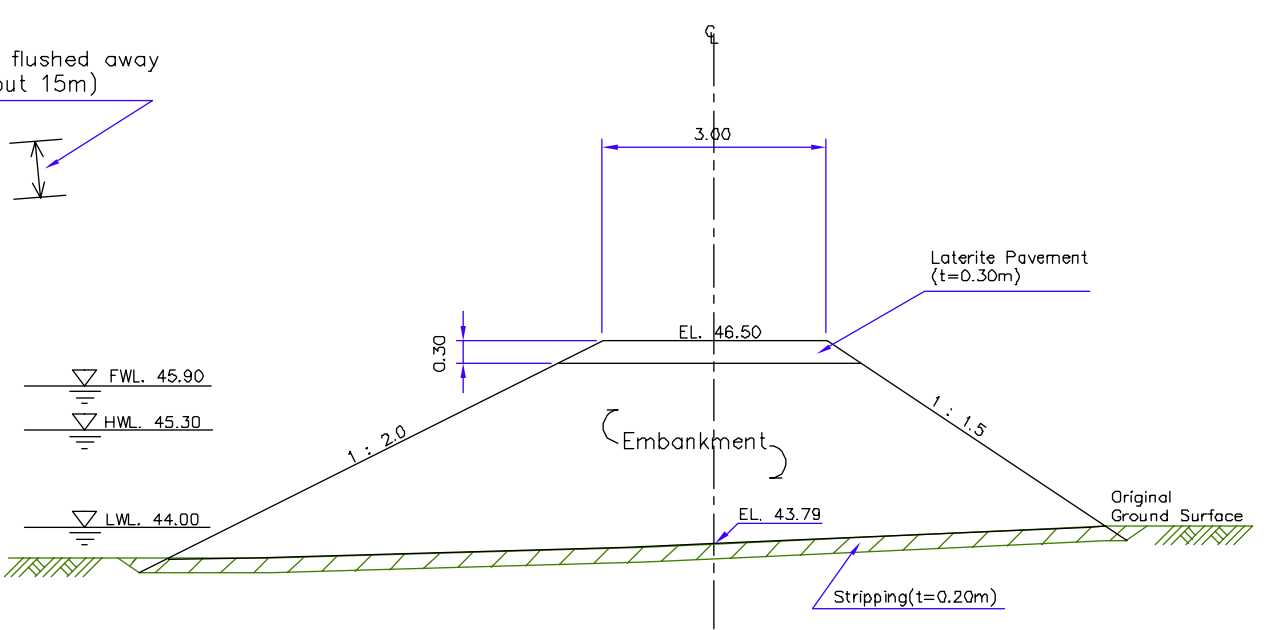


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 国際協力事業団

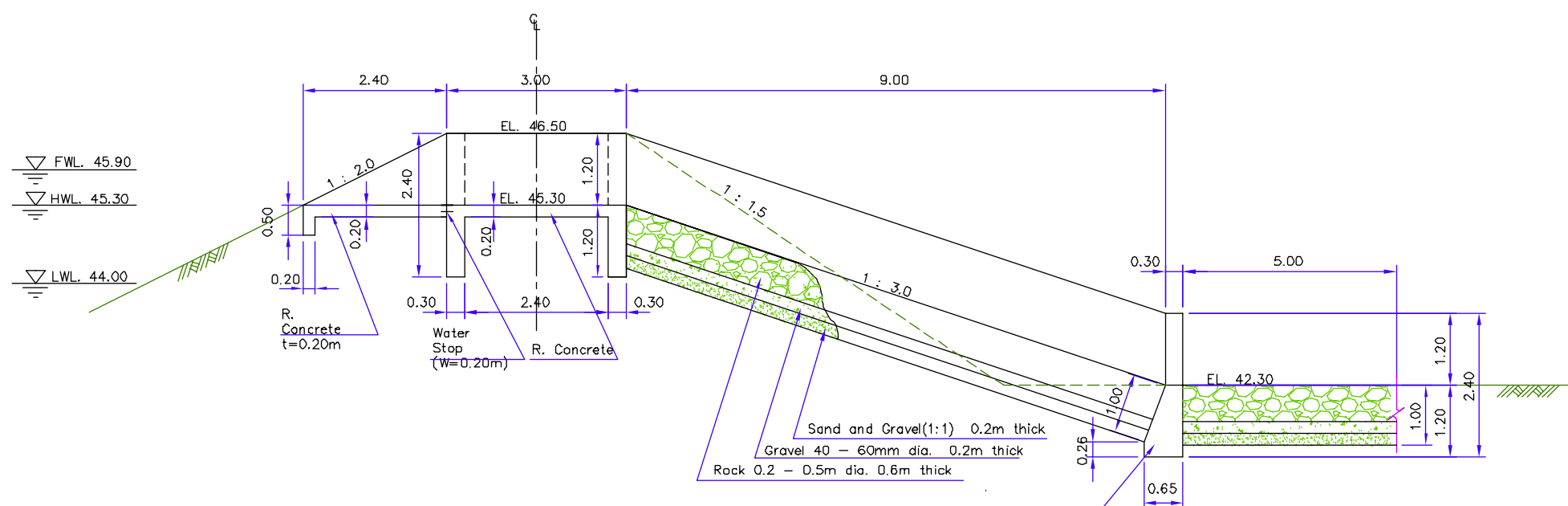
図 IV-2.3.4
 計画単位排水量



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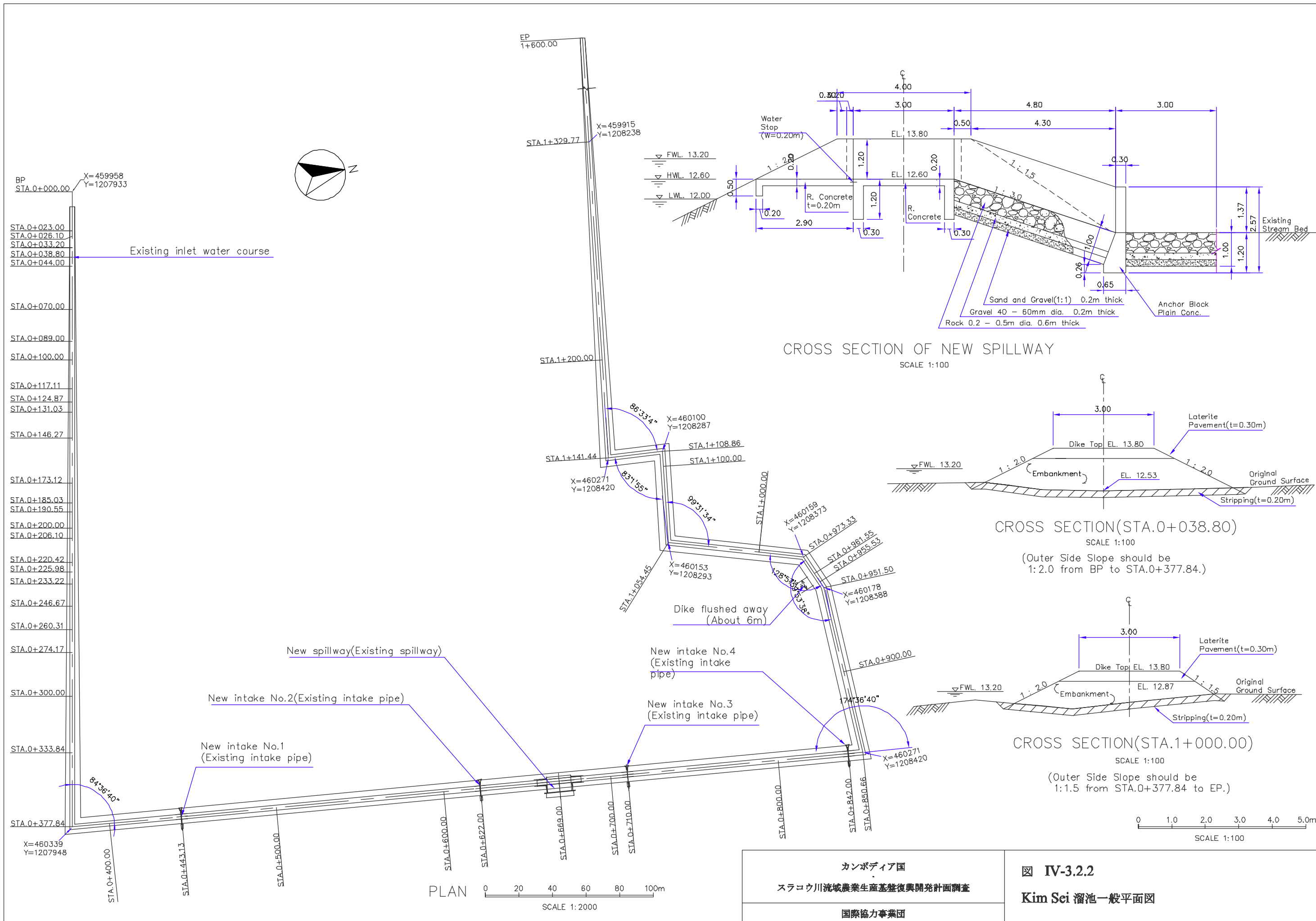
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SCALE 1:100



CROSS SECTION OF NEW SPILLWAY
SCALE 1:100

SCALE 1:100

カンボディア国 スラコウ川流域農業生産基盤復興開発計画調査 国際協力事業団	図 IV-3.2.1 Ang 160 溜池一般平面図
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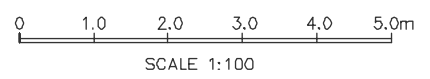
CROSS SECTION OF NEW SPILLWAY
SCALE 1:100

CROSS SECTION(STA.0+038.80)
SCALE 1:100

(Outer Side Slope should be 1:2.0 from BP to STA.0+377.84.)

CROSS SECTION(STA.1+000.00)
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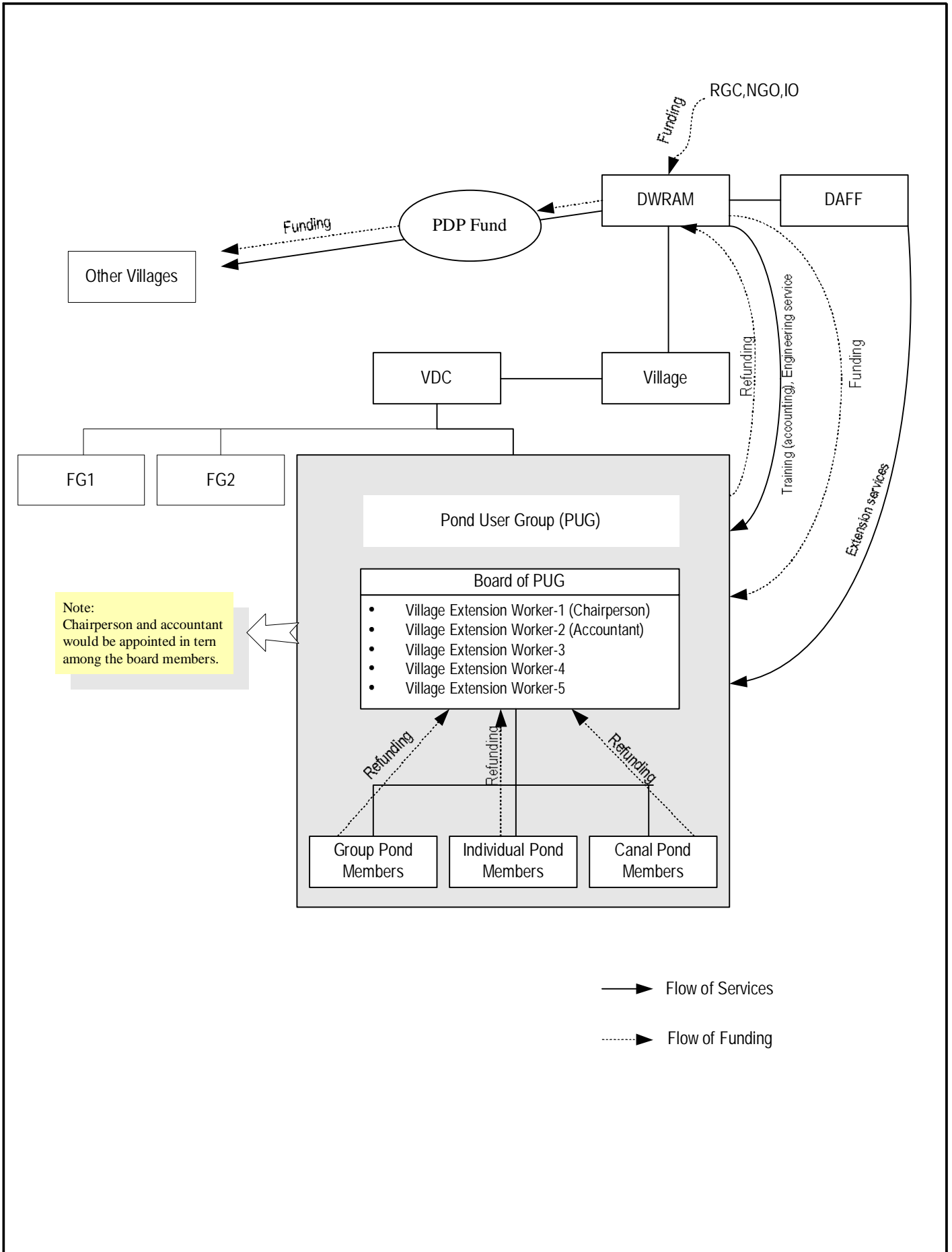
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PLAN
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図 IV-3.2.2
Kim Sei 溜池一般平面図



The Study on The Rehabilitation and reconstruction of
 Agricultural Production System in the Slakou River
 Basin
 The Kingdom of Cambodia
 Japan International Cooperation Agency

図IV-4.1.1
 池開発のアプローチ