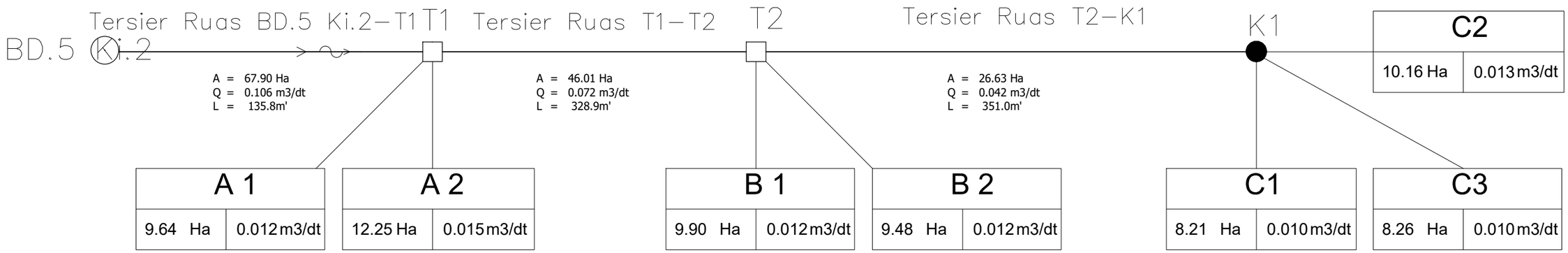
LAMPIRAN

PLATE NO. :



NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
SNVT PJPA I CIMANUK CISANGGARUNG

Saluran Tersier Dempet D.5 Ki2
Tertiary Dempet Canal

GAMBAR PELAKSANAAN
CONSTRUCTION DRAWING

SKEMA JARINGAN IRIGASI
IRIGATION SCHEMATIC DIAGRAM

Surveyor/Designer		Radityo Ardhian Pratama
Checked by Site Mgr		Ashmad Romel Arazi
Project Manager		Arief Setiyowaluyo
Checked by	Design/QS Engineer	Tato Kadarto
	Co. Group Leader II - 2	Ir.Endang Sukander Alita
Approved by	Group II - 2 Management Leader	Takashi Hirata
Acknowledged by	Site Direction	Zakiyatun Nafisah, ST
	PPK of Irrigation and Lowland VI	Danny Mardianayah,ST

RIMP
Rentang Irrigation Modernization Project

Province : West Java

Sub-project : ICB Package LOS-04 on-farm system and tertiary canals upgradingworks left bank IV

Distric : Indramayu

Register :

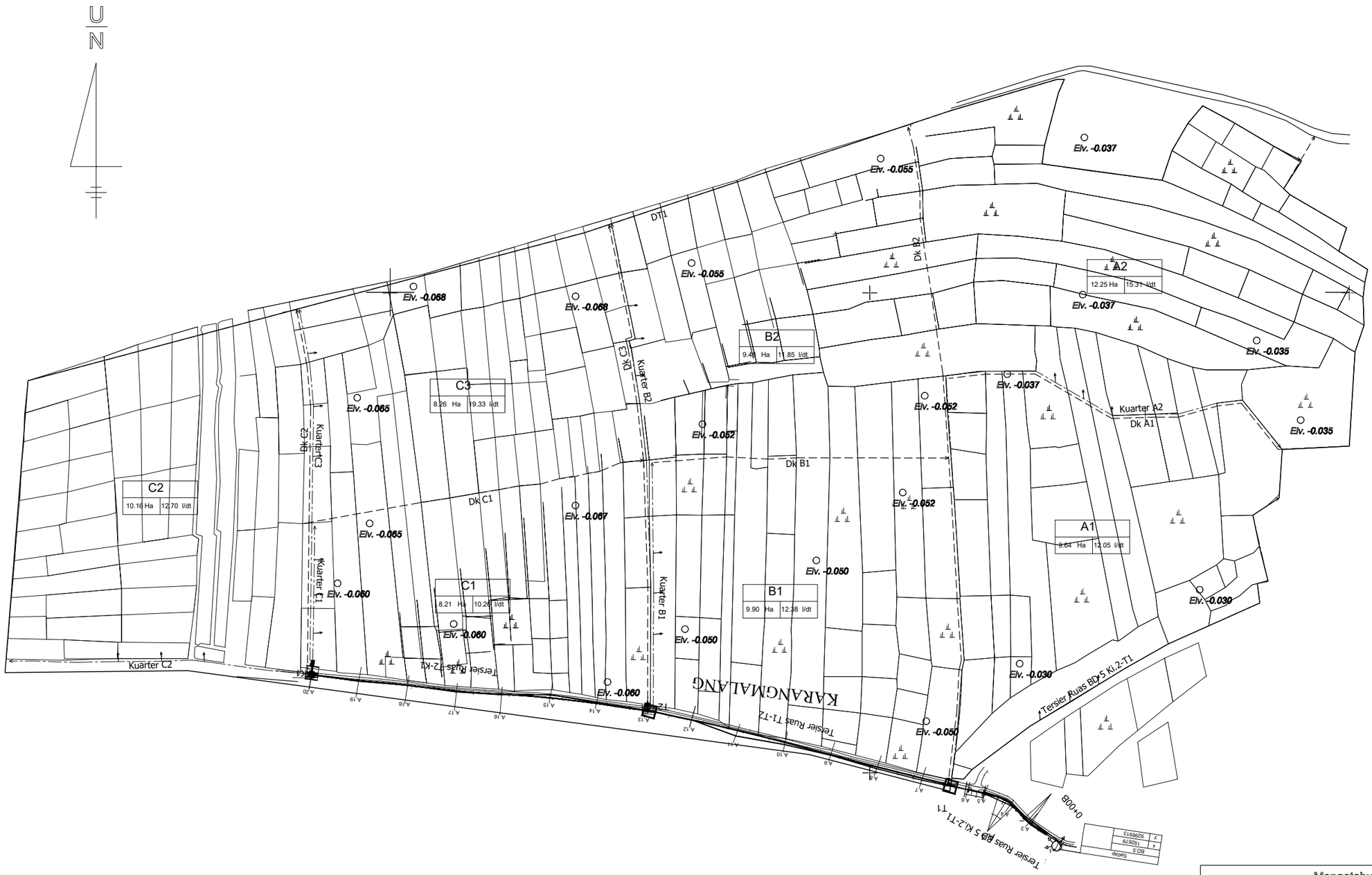
Sheet No. :

Date : 11 November 2022

Contract No. : HK.02.02-At/3.3/10

Notice to Proceed : 12, 1, 2022

PLATE NO. :



SCALE V = SCALE H

0 40.0 80.0 120.0 160.0 200.0m

LEGENDA
LEGEND

- Jalan Kolektor / Provinsi — Province Road
- Jalan Lokal — Local Road
- Jalan Desa — Village Road
- Tambak — Pond
- Rawa — Swamp
- Sawah — Rice Field
- Kebun — Plantation
- Kampung / Desa — Village
- Bangunan Sadap — Offtake Structure
- Penguras — Flushing
- Talang — Aqueduct
- Siphon — Syphon
- Jembatan — Bridge
- Gorong-gorong — Culvert
- Saluran Tersier — Tertiary Canal
- Saluran Kuarter — Quarternary Canal
- Saluran Pembuang — Drainage Canal
- Box Tersier — Tertiary Box
- Box Kwarter — Quarternary Box

Mengetahui Perangkat Desa Setempat			
Kepala Desa	P3A	Kepala Desa	P3A
Kepala Desa	P3A	Kepala Desa	P3A

NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
SNVT PJPA I CIMANUK CISANGGARUNG

Saluran Tersier Dempet / Tertiary Dempet Canal — D.5 Kt2

GAMBAR PELAKSANAAN
CONSTRUCTION DRAWING

SITUASI
SITUATION

Surveyor/Designer		Raditya Ardhian Pratama
Checked by Site Mgr		Achmad Romel Arazi
Project Manager		Arief Setiyowaluyo
Checked by	Design/QS Engineer	Tato Kadarto
	Co. Group Leader II - 2	Ir.Endang Sukander Alita
Approved by	Group II - 2 Management Leader	Takashi Hirota
Acknowledged by	Site Direction	Zakiyatun Nafisah, ST
	PPK of Irrigation and Lowland VI	Danny Mardianayah,ST

RIMP
Rentang Irrigation Modernization Project

Province : West Java

Sub-project : ICB Package LOS-04 on-farm system and tertiary canals upgradingworks left bank IV

Distric : Indramayu

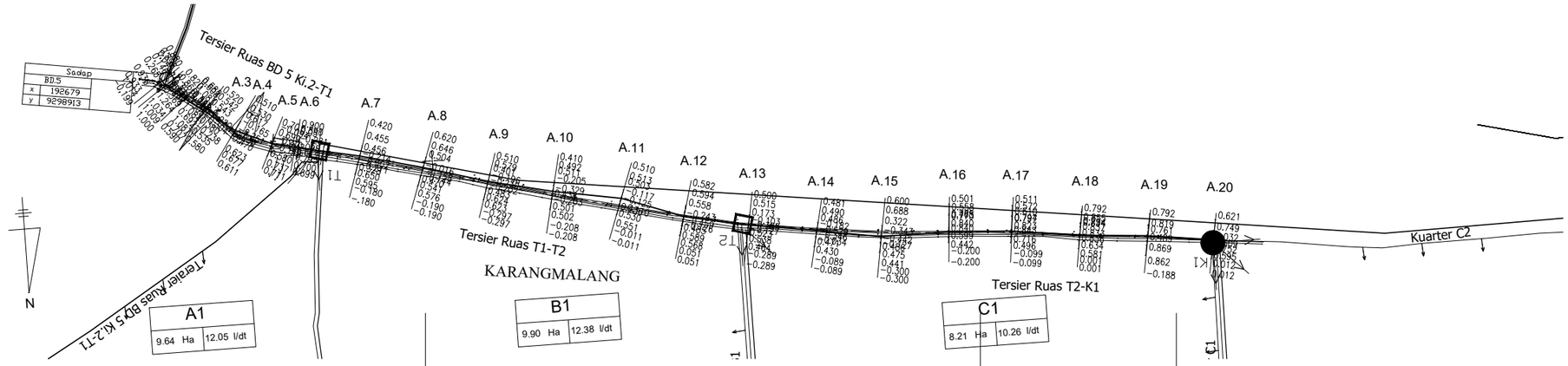
Register :

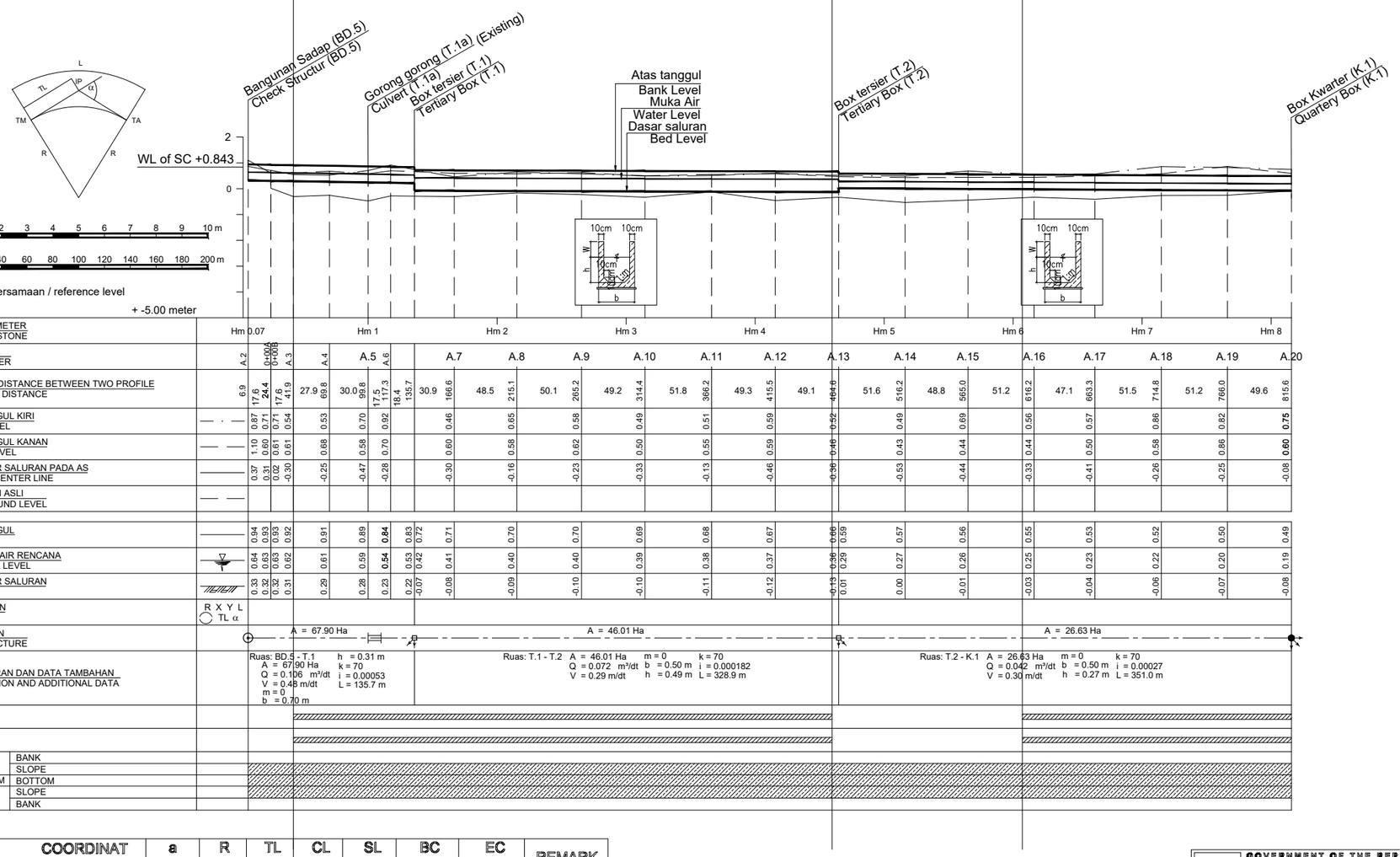
Sheet No. :

Date : 11 November 2022

Contract No. : HK.02.02-At/3.3/10

Notice to Proceed : 12, 1, 2022





LEGENDA :
LEGEND

Kondisi Saluran Eksisting
Category of Existing Canal Condition

- ▭ Tipe A (saluran tidak bergaris) / Type A (Unlined canal)
- ▨ Type B1 (Good Condition/Minor damaged) / Lining by Stone Masonry
- ▭ Type B2 (Serious damaged) / Lining by Stone Masonry

Pekerjaan Peningkatan
Category of Upgrading Works

- Pasangan Batu Lama / Existing Stone Masonry Lining
- Beton / Concrete
- Flume Beton / Concrete Flume
- Pasangan Batu Baru / New Masonry
- Saluran Tanah / Earth Canal
- Kupasan / Stripping
- Galian / Excavation
- Timbunan / Embankment
- Bangunan dibongkar / Demolishing
- Bangunan Sadap / Offtake Structure
- Box Tersier / Tertiary Box
- Bangunan Terjun / Drop Structure
- Box Kwarter / Quarternary Box

bidang persamaan / reference level

+ -5.00 meter

PATOK HEKTOMETER / HECTOMETER STONE: Hm 0.07, Hm 1, Hm 2, Hm 3, Hm 4, Hm 5, Hm 6, Hm 7, Hm 8

NOMOR PROFIL / PROFILE NUMBER	A.2	0+00A	0+00B	A.3	A.4	A.5	A.6		A.7	A.8	A.9
JARAK PROFIL/DISTANCE BETWEEN TWO PROFILE		17.6		17.6	27.9	30.0	17.5	18.4	30.9	48.5	50.1
ACCUMULATED DISTANCE	6.9	24.4		41.9	69.8	99.8	117.3	135.7	166.6	215.1	265.2
YANG ADA / EXISTING: ELEVASI TANGGUL KIRI / LEFT BANK LEVEL	0.87	0.71	0.71	0.54	0.53	0.70	0.92		0.46	0.65	0.58
ELEVASI TANGGUL KANAN / RIGHT BANK LEVEL	1.10	0.60	0.61	0.61	0.68	0.58	0.70		0.60	0.58	0.62
ELEVASI DASAR SALURAN PADA AS / BED LEVEL IN CENTER LINE	0.37	0.31	0.02	-0.30	-0.25	-0.47	-0.28		-0.30	-0.16	-0.23
ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL											
RENCANA / DESIGN: ELEVASI TANGGUL / BANK LEVEL	0.94	0.93	0.93	0.92	0.91	0.89	0.84	0.83 0.72	0.71	0.70	0.70
ELEVASI MUKA AIR RENCANA / DESIGN WATER LEVEL	0.64	0.63	0.63	0.62	0.61	0.59	0.54	0.53 0.42	0.41	0.40	0.40
ELEVASI DASAR SALURAN / BED LEVEL	0.33	0.32	0.32	0.31	0.29	0.28	0.23	0.22 -0.07	-0.08	-0.09	-0.10

NOMOR PROFIL / PROFILE NUMBER	A.10	A.11	A.12	A.13	A.14	A.15	A.16	A.17	A.18	A.19	A.20
JARAK PROFIL/DISTANCE BETWEEN TWO PROFILE	49.2	51.8	49.3	49.1	51.6	48.8	51.2	47.1	51.5	51.2	49.6
ACCUMULATED DISTANCE	314.4	366.2	415.5	464.6	516.2	565.0	616.2	663.3	714.8	766.0	815.6
YANG ADA / EXISTING: ELEVASI TANGGUL KIRI / LEFT BANK LEVEL	0.49	0.51	0.59	0.52	0.49	0.69	0.56	0.57	0.86	0.82	0.75
ELEVASI TANGGUL KANAN / RIGHT BANK LEVEL	0.50	0.55	0.59	0.46	0.43	0.44	0.44	0.50	0.58	0.86	0.60
ELEVASI DASAR SALURAN PADA AS / BED LEVEL IN CENTER LINE	-0.33	-0.13	-0.46	-0.36	-0.53	-0.44	-0.33	-0.41	-0.26	-0.25	-0.08
ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL											
RENCANA / DESIGN: ELEVASI TANGGUL / BANK LEVEL	0.69	0.68	0.67	0.66 0.59	0.57	0.56	0.55	0.53	0.52	0.50	0.49
ELEVASI MUKA AIR RENCANA / DESIGN WATER LEVEL	0.39	0.38	0.37	0.36 0.29	0.27	0.26	0.25	0.23	0.22	0.20	0.19
ELEVASI DASAR SALURAN / BED LEVEL	-0.10	-0.11	-0.12	-0.13 0.01	0.00	-0.01	-0.03	-0.04	-0.06	-0.07	-0.08

TRASE SALURAN / ALIGNMENT: R X Y L ◯ TL α

TIPE BANGUNAN / TYPE OF STRUCTURE: A = 67.90 Ha; A = 46.01 Ha; A = 26.63 Ha

DIMENSI SALURAN DAN DATA TAMBAHAN / CANAL DIMENSION AND ADDITIONAL DATA:

Ruas: BD.5 - T.1
A = 67.90 Ha
Q = 0.106 m³/dt
V = 0.48 m/dt
m = 0
b = 0.70 m
h = 0.31 m
k = 70
i = 0.00053
L = 135.7 m

Ruas: T.1 - T.2
A = 46.01 Ha
Q = 0.072 m³/dt
V = 0.29 m/dt
m = 0
b = 0.50 m
h = 0.49 m
k = 70
i = 0.000182
L = 328.9 m

Ruas: T.2 - K.1
A = 26.63 Ha
Q = 0.042 m³/dt
V = 0.30 m/dt
m = 0
b = 0.50 m
h = 0.27 m
k = 70
i = 0.00027
L = 351.0 m

EXISTING: LINING KIRI / LEFT LINING; LINING KANAN / RIGHT LINING

DESIGN: LINING KIRI / LEFT LINING – BANK, SLOPE; BAWAH/BOTTOM – BOTTOM; LINING KANAN / RIGHT LINING – SLOPE, BANK

NO IP	COORDINAT X	 Y	a (O0)	R (m)	TL (m)	CL (m)	SL (m)	BC (m)	EC (m)	REMARK
1	192659.509	9298939.613	13.445	37.5	4.45	8.82	0.25	2.11	6.709	
2	192638.353	9298962.282	29.813	38	10	19.572	1.227	4.06	15.511	
3										
4										
5										
6										
7										

NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
SNVT PJPA I CIMANUK CISANGGARUNG

Saluran Tersier Dempet
Tertiary Dempet Canal D.5 Ki2

GAMBAR PELAKSANAAN
CONSTRUCTION DRAWING

POTONGAN MEMANJANG (BD.5-T.1-T.2-K.1)
LONG SECTION

	Surveyor/Designer	Radityo Ardhian Pratama
	Checked by Site Mgr	Achmad Romel Arazi
	Project Manager	Arief Setiyowaluyo
Checked by	Design/QS Engineer	Tato Kadarto
	Co. Group Leader II - 2	Ir.Endang Sukandar Allis
Approved by	Group II - 2 Management Leader	Takashi Hiruta
Acknowledged by	Site Direction	Zakiyatun Nafisah, ST
	PPK of Irrigation and Lowland VI	Danny Mardiansyah,ST

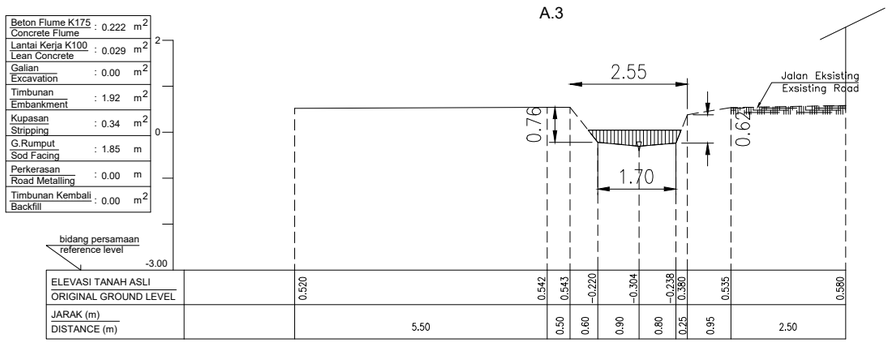
RIMP
Rentang Irrigation Modernization Project

Province : West Java
Sub-project : ICB Package LOS-04 on-farm system and tertiary canals upgradingworks left bank IV
Distric : Indramayu
Register : 1-12-01-03
Sheet No. : 1/1
Date : 11 November 2022
Contract No. : HK.02.02-At/3.3/10
Notice to Proceed : 12, 1, 2022

PLATE NO. : 1

A.3

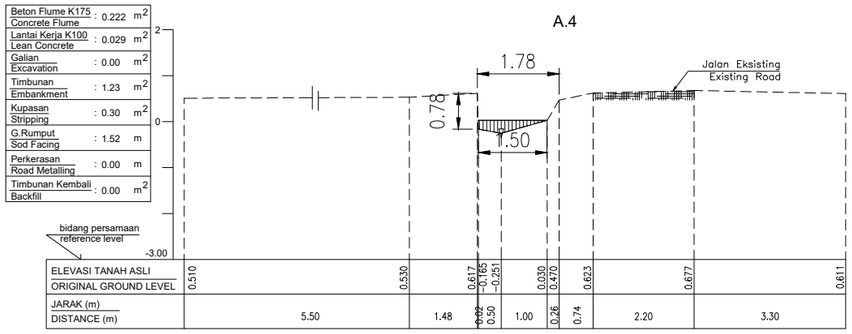
Beton Flume K175 Concrete Flume	: 0.222	m^2
Lantai Kerja K100 Lean Concrete	: 0.029	m^2
Galian Excavation	: 0.00	m^2
Timbunan Embankment	: 1.92	m^2
Kupasan Stripping	: 0.34	m^2
G.Rumput Sod Facing	: 1.85	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL		0.520		0.542	0.543	−0.220	−0.304	−0.238	0.360	0.535	0.580
JARAK (m) / DISTANCE (m)		5.50		0.50	0.60	0.90	0.80	0.25	0.95	2.50	

A.4

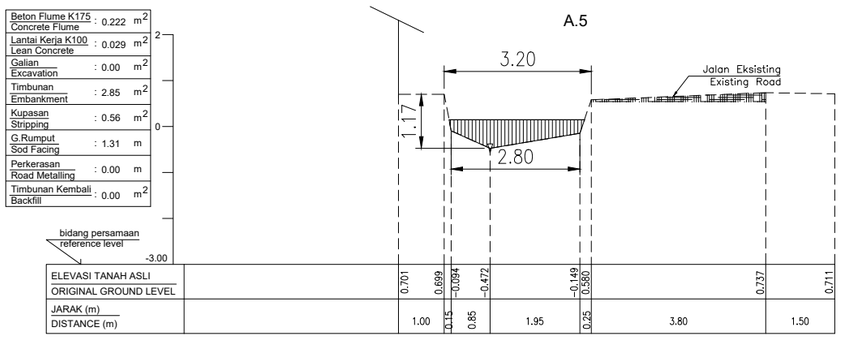
Beton Flume K175 Concrete Flume	: 0.222	m^2
Lantai Kerja K100 Lean Concrete	: 0.029	m^2
Galian Excavation	: 0.00	m^2
Timbunan Embankment	: 1.23	m^2
Kupasan Stripping	: 0.30	m^2
G.Rumput Sod Facing	: 1.52	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.510	0.530	0.617	−0.165	−0.251	0.030	0.470	0.623	0.677	0.611
JARAK (m) / DISTANCE (m)	5.50	1.48	0.02	0.50	1.00	0.26	0.74	2.20	3.30	

A.5

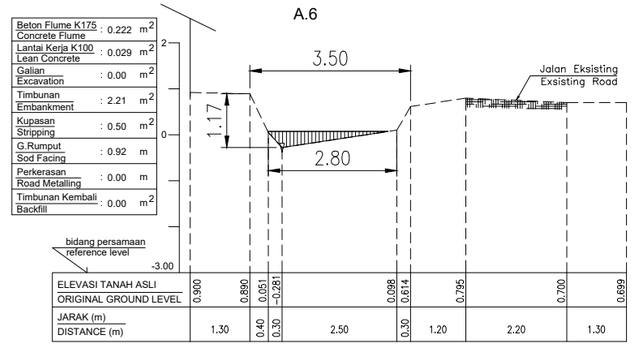
Beton Flume K175 Concrete Flume	: 0.222	m^2
Lantai Kerja K100 Lean Concrete	: 0.029	m^2
Galian Excavation	: 0.00	m^2
Timbunan Embankment	: 2.85	m^2
Kupasan Stripping	: 0.56	m^2
G.Rumput Sod Facing	: 1.31	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.701	0.699	−0.094	−0.472	−0.149	0.360	0.737	0.711
JARAK (m) / DISTANCE (m)	1.00	0.15	0.85	1.95	0.25	3.80	1.50	

A.6

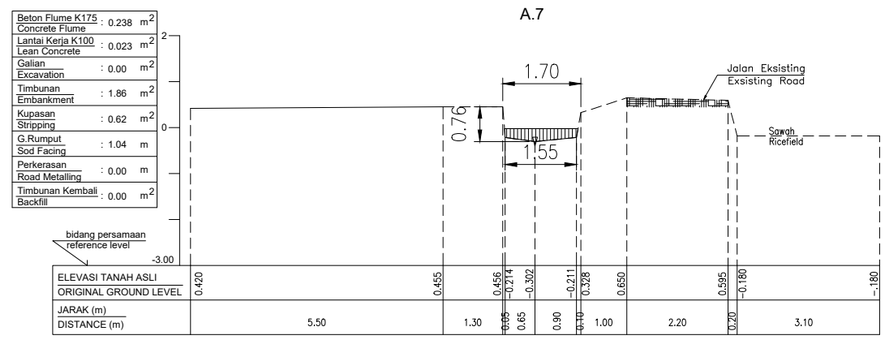
Beton Flume K175 Concrete Flume	: 0.222	m^2
Lantai Kerja K100 Lean Concrete	: 0.029	m^2
Galian Excavation	: 0.00	m^2
Timbunan Embankment	: 2.21	m^2
Kupasan Stripping	: 0.50	m^2
G.Rumput Sod Facing	: 0.92	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.900	0.890	0.051	−0.281	0.098	0.614	0.795	0.700	0.699	
JARAK (m) / DISTANCE (m)	1.30	0.40	0.30	2.50	0.30	1.20	2.20	1.30		

A.7

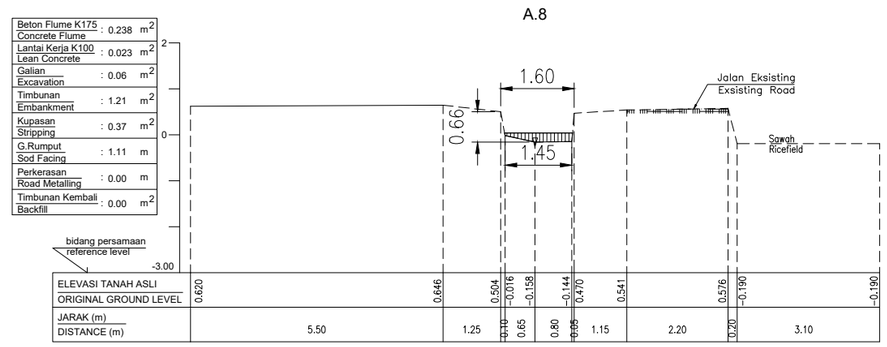
Beton Flume K175 Concrete Flume	: 0.238	m^2
Lantai Kerja K100 Lean Concrete	: 0.023	m^2
Galian Excavation	: 0.00	m^2
Timbunan Embankment	: 1.86	m^2
Kupasan Stripping	: 0.62	m^2
G.Rumput Sod Facing	: 1.04	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.420	0.455	0.456	−0.214	−0.302	−0.211	0.328	0.650	0.595	−0.180	−.180	
JARAK (m) / DISTANCE (m)	5.50	1.30	0.05	0.65	0.90	0.10	1.00	2.20	0.20	3.10		

A.8

Beton Flume K175 Concrete Flume	: 0.238	m^2
Lantai Kerja K100 Lean Concrete	: 0.023	m^2
Galian Excavation	: 0.06	m^2
Timbunan Embankment	: 1.21	m^2
Kupasan Stripping	: 0.37	m^2
G.Rumput Sod Facing	: 1.11	m
Perkerasan Road Metalling	: 0.00	m
Timbunan Kembali Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.620	0.646	0.504	−0.016	−0.158	−0.144	0.470	0.541	0.576	−0.190	−0.190	
JARAK (m) / DISTANCE (m)	5.50	1.25	0.10	0.65	0.80	0.05	1.15	2.20	0.20	3.10		

SCALE V = SCALE H

0 1.0 2.0 3.0 4.0 5.0 m

NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
S N V T P J P A I C I M A N U K C I S A N G G A R U N G

Saluran Tersier Dempet – D.5 Ki2
Tertiary Dempet Canal

GAMBAR PELAKSANAAN
CONSTRUCTION DRAWING

POTONGAN MELINTANG (A3-A8)
CROSS SECTION

	Surveyor/Designer	Raditya Ardhian Pratama
	Checked by Site Mgr	Achmad Romel Arazi
	Project Manager	Arief Setiyowaluyo
Checked by	Design/QS Engineer	Tato Kadarto
	Co. Group Leader II - 2	Ir.Endang Sukandar Allis
Approved by	Group II - 2 Management Leader	Takashi Hiruta
Acknowledged by	Site Direction	Zakiyatun Nafisah, ST
	PPK of Irrigation and Lowland VI	Danny Mardiansyah,ST

RIMP
Rentang Irrigation Modernization Project

Province : West Java

Sub-project : ICB Package LOS-04 on-farm system and tertiary canals upgradingworks left bank IV

Distric : Indramayu

Register : 1-12-01-07

Sheet No. : 4/4

Date : 11 November 2022

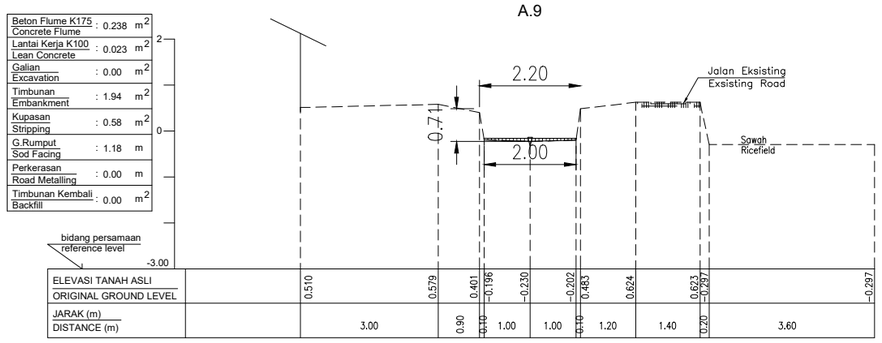
Contract No. : HK.02.02-At/3.3/10

Notice to Proceed : 12, 1, 2022

PLATE NO. : 2

A.9

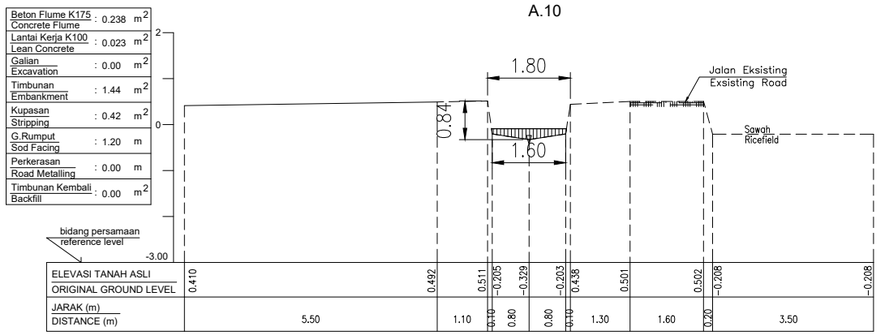
Beton Flume K175 / Concrete Flume	: 0.238	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.00	m^2
Timbunan / Embankment	: 1.94	m^2
Kupasan / Stripping	: 0.58	m^2
G.Rumput / Sod Facing	: 1.18	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.510		0.579	0.401	-0.196	-0.230	-0.202	0.483	0.624	0.623	0.297		-0.297			
JARAK (m) / DISTANCE (m)		3.00		0.90	0.10	1.00	1.00	0.10	1.20	1.40	0.20	3.60				

A.10

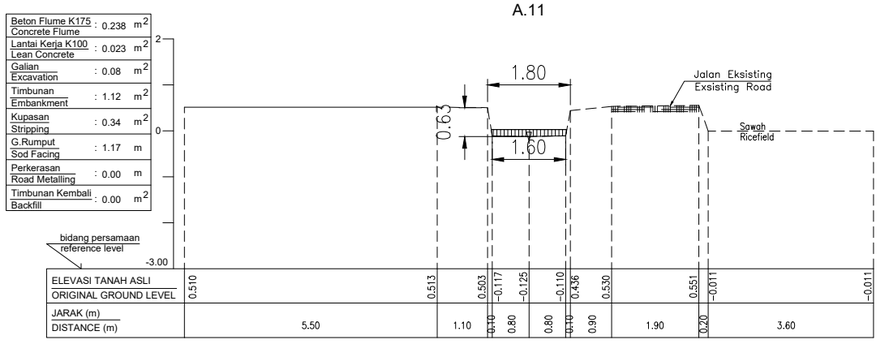
Beton Flume K175 / Concrete Flume	: 0.238	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.00	m^2
Timbunan / Embankment	: 1.44	m^2
Kupasan / Stripping	: 0.42	m^2
G.Rumput / Sod Facing	: 1.20	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.410		0.492	0.511	-0.205	-0.329	-0.203	0.438	0.501	0.502	-0.208		-0.208			
JARAK (m) / DISTANCE (m)		5.50		1.10	0.10	0.80	0.80	0.10	1.30	1.60	0.20	3.50				

A.11

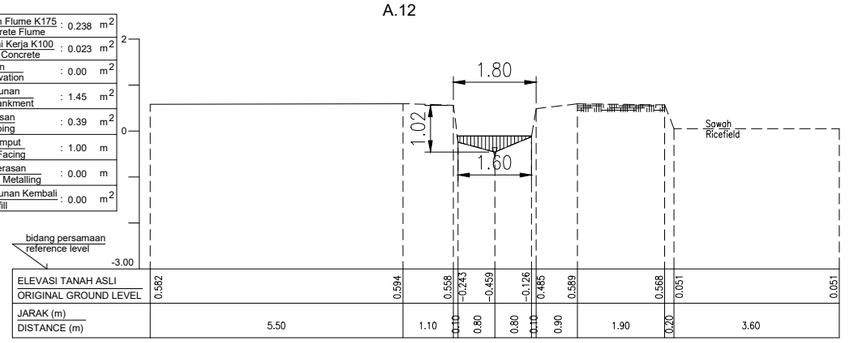
Beton Flume K175 / Concrete Flume	: 0.238	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.08	m^2
Timbunan / Embankment	: 1.12	m^2
Kupasan / Stripping	: 0.34	m^2
G.Rumput / Sod Facing	: 1.17	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.510		0.513	0.503	-0.117	-0.125	-0.110	0.436	0.530	0.551	-0.011		-0.011			
JARAK (m) / DISTANCE (m)		5.50		1.10	0.10	0.80	0.80	0.10	0.90	1.90	0.20	3.60				

A.12

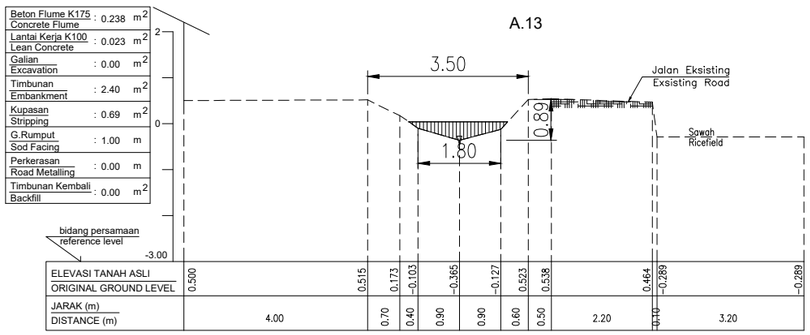
Beton Flume K175 / Concrete Flume	: 0.238	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.00	m^2
Timbunan / Embankment	: 1.45	m^2
Kupasan / Stripping	: 0.39	m^2
G.Rumput / Sod Facing	: 1.00	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.562		0.594	0.558	-0.243	-0.459	-0.126	0.485	0.569	0.568	0.051		0.051			
JARAK (m) / DISTANCE (m)		5.50		1.10	0.10	0.80	0.80	0.10	0.90	1.90	0.20	3.60				

A.13

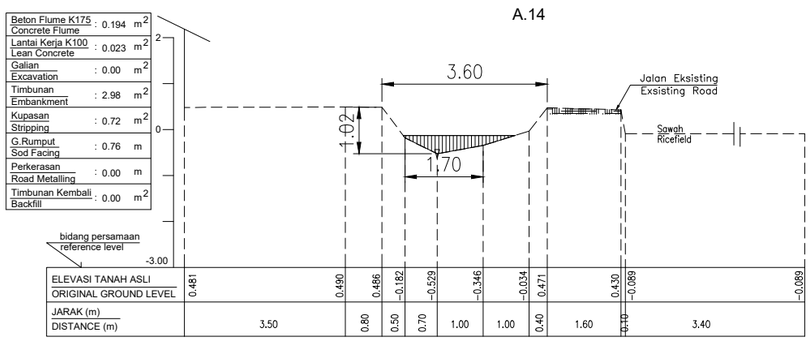
Beton Flume K175 / Concrete Flume	: 0.238	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.00	m^2
Timbunan / Embankment	: 2.40	m^2
Kupasan / Stripping	: 0.69	m^2
G.Rumput / Sod Facing	: 1.00	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.500		0.515	0.173	-0.103	-0.365	-0.127	0.523	0.538	0.464	-0.289		-0.289			
JARAK (m) / DISTANCE (m)		4.00		0.70	0.40	0.90	0.90	0.60	0.50	2.20	0.10	3.20				

A.14

Beton Flume K175 / Concrete Flume	: 0.194	m^2
Lantai Kerja K100 / Lean Concrete	: 0.023	m^2
Galian / Excavation	: 0.00	m^2
Timbunan / Embankment	: 2.98	m^2
Kupasan / Stripping	: 0.72	m^2
G.Rumput / Sod Facing	: 0.76	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m^2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.481		0.490	0.486	-0.182	-0.529	-0.346	-0.034	0.471	0.430	-0.089		-0.089			
JARAK (m) / DISTANCE (m)		3.50		0.80	0.50	0.70	1.00	1.00	0.40	1.60	0.10	3.40				

SCALE V = SCALE H

0 1.0 2.0 3.0 4.0 5.0 m

NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
S N V T P J P A I C I M A N U K C I S A N G G A R U N G

Saluran Tersier Dempet / Tertiary Dempet Canal - D.5 Ki2

GAMBAR PELAKSANAAN / *CONSTRUCTION DRAWING*

POTONGAN MELINTANG / *CROSS SECTION* (A9-A14)

	Surveyor/Designer	Radityo Ardhian Pratama
	Checked by Site Mgr	Achmad Romel Arazi
	Project Manager	Arief Setiyowaluyo
Checked by	Design/QS Engineer	Tato Kadarto
	Co. Group Leader II - 2	Ir.Endang Sukandar Allis
Approved by	Group II - 2 Management Leader	Takashi Hiruta
Acknowledged by	Site Direction	Zakiyatun Nafisah, ST
	PPK of Irrigation and Lowland VI	Danny Mardiansyah,ST

RIMP
Rentang Irrigation Modernization Project

Province : West Java

Sub-project : ICB Package LOS-04 on-farm system and tertiary canals upgradingworks left bank IV

Distric : Indramayu

Register : 1-12-01-07

Sheet No. : 4/4

Date : 11 November 2022

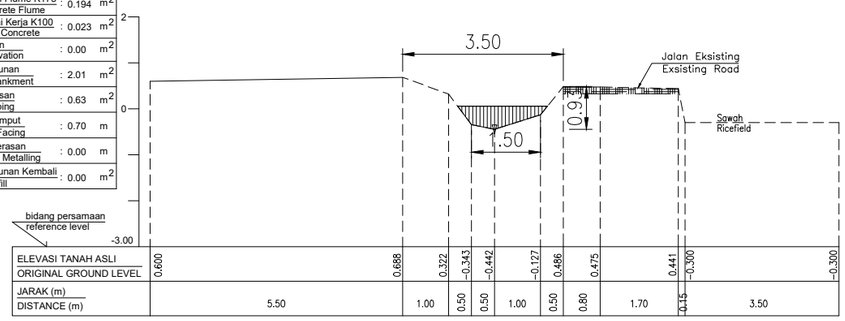
Contract No. : HK.02.02-At/3.3/10

Notice to Proceed : 12, 1, 2022

PLATE NO. : 3

A.15

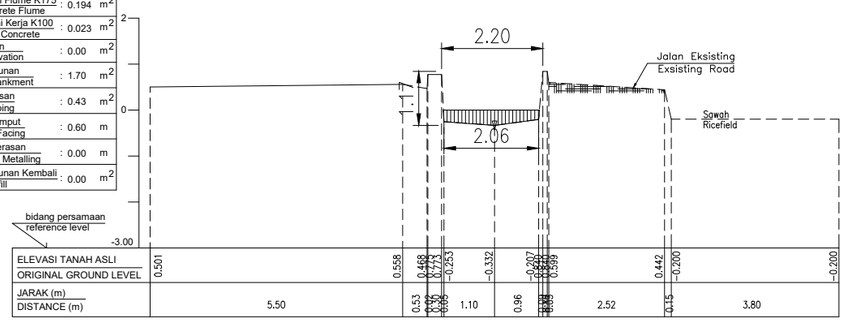
Beton Flume K175 / Concrete Flume	: 0.194	m2
Lantai Kerja K100 / Lean Concrete	: 0.023	m2
Galian / Excavation	: 0.00	m2
Timbunan / Embankment	: 2.01	m2
Kupasan / Stripping	: 0.63	m2
G.Rumput / Sod Facing	: 0.70	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.600	0.688	0.322	-0.343	-0.442	-0.127	0.486	0.475	0.441	-0.300	-0.300
JARAK (m) / DISTANCE (m)	5.50	1.00	0.50	0.50	1.00	0.50	0.80	1.70	0.15	3.50	

A.16

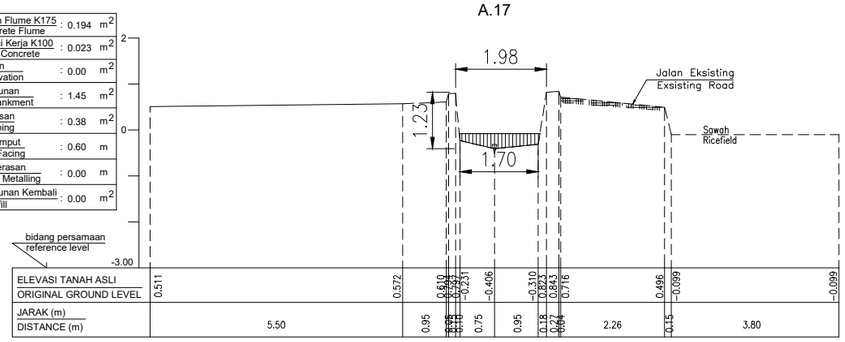
Beton Flume K175 / Concrete Flume	: 0.194	m2
Lantai Kerja K100 / Lean Concrete	: 0.023	m2
Galian / Excavation	: 0.00	m2
Timbunan / Embankment	: 1.70	m2
Kupasan / Stripping	: 0.43	m2
G.Rumput / Sod Facing	: 0.60	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.501	0.558	0.468	0.773	-0.253	-0.332	-0.207	0.599	0.442	-0.200	-0.200
JARAK (m) / DISTANCE (m)	5.50	0.53	0.02	0.30	0.68	1.10	0.96	2.52	0.15	3.80	

A.17

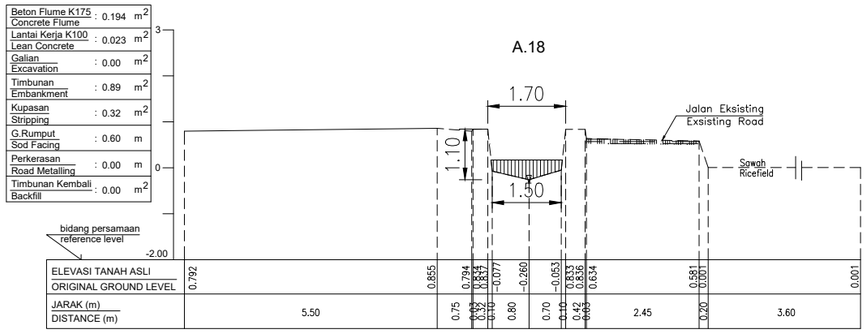
Beton Flume K175 / Concrete Flume	: 0.194	m2
Lantai Kerja K100 / Lean Concrete	: 0.023	m2
Galian / Excavation	: 0.00	m2
Timbunan / Embankment	: 1.45	m2
Kupasan / Stripping	: 0.38	m2
G.Rumput / Sod Facing	: 0.60	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.511	0.572	0.610	0.379	-0.231	-0.406	-0.310	0.716	0.496	-0.099	-0.099
JARAK (m) / DISTANCE (m)	5.50	0.95	0.10	0.65	0.75	0.95	0.18	2.26	0.15	3.80	

A.18

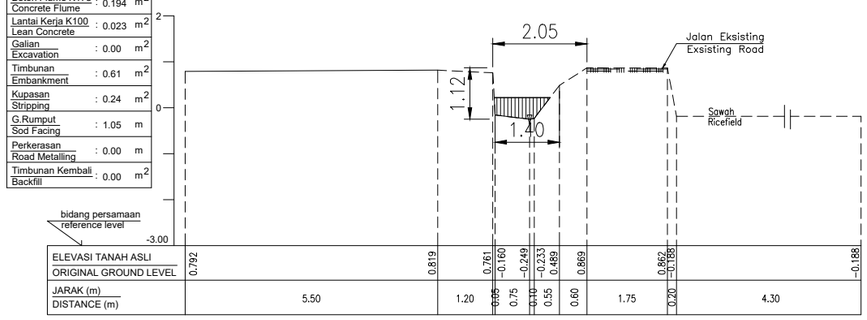
Beton Flume K175 / Concrete Flume	: 0.194	m2
Lantai Kerja K100 / Lean Concrete	: 0.023	m2
Galian / Excavation	: 0.00	m2
Timbunan / Embankment	: 0.89	m2
Kupasan / Stripping	: 0.32	m2
G.Rumput / Sod Facing	: 0.60	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.792	0.855	0.784	0.674	-0.077	-0.260	-0.053	0.634	0.581	0.001	0.001
JARAK (m) / DISTANCE (m)	5.50	0.75	0.03	0.32	0.10	0.80	0.70	2.45	0.20	3.60	

A.19

Beton Flume K175 / Concrete Flume	: 0.194	m2
Lantai Kerja K100 / Lean Concrete	: 0.023	m2
Galian / Excavation	: 0.00	m2
Timbunan / Embankment	: 0.61	m2
Kupasan / Stripping	: 0.24	m2
G.Rumput / Sod Facing	: 1.05	m
Perkerasan / Road Metalling	: 0.00	m
Timbunan Kembali / Backfill	: 0.00	m2



ELEVASI TANAH ASLI / ORIGINAL GROUND LEVEL	0.792	0.819	0.761	-0.160	-0.249	-0.233	0.489	0.869	0.862	-0.188	-0.188
JARAK (m) / DISTANCE (m)	5.50	1.20	0.05	0.75	0.10	0.55	0.60	1.75	0.20	4.30	

SCALE V = SCALE H

0 1.0 2.0 3.0 4.0 5.0 m

NO.	DATE	REVISION	REVISED	CHECKED	APPROVED

GOVERNMENT OF THE REPUBLIC OF INDONESIA
MINISTRY OF PUBLIC WORKS AND HOUSING
DIRECTORATE GENERAL OF WATER RESOURCES
RIVER BASIN ORGANIZATION FOR CIMANUK CISANGGARUNG
SNVT PJPA I CIMANUK CISANGGARUNG

Saluran Tersier Dempet - D.5 Ki2
Tertiary Dempet Canal

GAMBAR PELAKSANAAN
CONSTRUCTION DRAWING

POTONGAN MELINTANG (A15-A19)
CROSS SECTION

	Surveyor/Designer	Raditya Ardhian Pratama	
	Checked by Site Mgr	Achmad Romel Arazi	
	Project Manager	Arief Setiyowaluyo	
Checked by	Design/QS Engineer	Tato Kadarto	
	Co. Group Leader II - 2	Ir.Endang Sukandar Allis	
Approved by	Group II - 2 Management Leader	Takashi Hiruta	
Acknowledged by	Site Direction	Zakyatun Nafisah, ST	
	PPK of Irrigation and Lowland VI	Danny Mardiansyah,ST	

RIMP
Rentang Irrigation Modernization Project

Province : West Java

Sub-project : ICB Package LOS-04
on-farm system and tertiary canals
upgradingworks left bank IV

District : Indramayu

Register : 1-12-01-07

Sheet No. : 4/4

Date : 11 November 2022

Contract No. : HK.02.02-At/3.3/10

Notice to Proceed : 12, 1, 2022

Lampiran 5.

Hitungan Desain Debit Irigasi Tersier Saluran BD 5 Ki.2

RIMP : RENTANG IRRIGATION MODERNIZATION PROJECT
PAKET : LOS-04

PARAMETER DAN ELEVASI SALURAN PEMBAWA

Satuan Kebutuhan Air Tersier = 1.56 l/s/ha
Satuan Kebutuhan Air Kwarter = 1.39 l/s/ha

Saluran Tersier/Kwarter : **BD.5 - Box T1**

Parameter Saluran :					
	A = 67.90 (ha)	v = 0.40 (m/dt)	Lebar atas tanggul Kanan = 1.00 (m)	A = 0.27 (m^2)	u = 0.40 (m/dt)
	Q = 0.106 (m3/dt)	k = 70	Lebar atas tanggul Kiri = 1.00 (m)	P = 1.49 (m)	dV = 0.00064 (m/dt)
	B = 0.60 (m)	Jagaan = 0.36 (m)	H = 0.81 (m)	R = 0.18 (m)	B/h = 1.34
	h = 0.44 (m)	m = 0.0	s = 0.00032		

No.	Profil	Nama Bangunan	Tinggi Tekan (m)	Jarak (m)	Jarak Langsung (Km)	Jarak Langsung (m)	ELEVASI EKSISTING Ki-4 (+...m)	Ki-3 (+...m)	Ki-2 (+...m)	Ki-1 (+...m)	Axis (+...m)	Ka-1 (+...m)	Ka-2 (+...m)	Ka-3 (+...m)	Ka-4 (+...m)	Ka-5 (+...m)	Ka-6 (+...m)	Elevasi Jalan	ELEVASI DESAIN NBL (+...m)	WSL (+...m)	BTL (+...m)	KETERANGAN
BD. 5 Ki2		**Bang. Sadap BD.5**	0.10																	0.640		
	0+00B			0.0	0 +	00		0.700	0.710	0.671	0.021	0.551	0.599	0.591					0.095	0.540	0.900	*Saluran beton U ditch dengan kondisi existing berupa saluran Pas batu*
	A.3			17.5	0 +	17.5		0.520	0.542	0.543	-0.304	0.380	0.535	0.580					0.090	0.534	0.894	
	A.4			27.9	0 +	45.4		0.510	0.530	0.616	-0.251	0.623	0.677	0.611					0.081	0.525	0.885	
	A.5	Gorong-gorong jalan		30.0	0 +	75.4		0.701	0.699	-0.094	-0.472	0.580	0.737	0.711					0.071	0.516	0.876	
	A.6			17.5	0 +	92.9		0.900	0.890	0.051	-0.281	0.098	0.614	0.795					0.066	0.510	0.870	
	T1	**Box T1**		18.4	0 +	111.3		0.420	0.455	0.051	-0.302	0.211	0.328	0.700					0.060	0.504	0.864	
				111.3																		

Saluran : **Box T1 - Box T2**

Parameter Saluran :					
	A = 46.01 (ha)	v = 0.35 (m/dt)	Lebar atas tanggul Kanan = 0.50 (m)	A = 0.20 (m^2)	u = 0.35 (m/dt)
	Q = 0.072 (m3/dt)	k = 70	Lebar atas tanggul Kiri = 0.50 (m)	P = 1.31 (m)	dV = 0.00094 (m/dt)
	B = 0.50 (m)	Jagaan = 0.30 (m)	H = 0.70 (m)	R = 0.16 (m)	B/h = 1.27
	h = 0.40 (m)	m = 0.0	s = 0.00030		

No.	Profil	Nama Bangunan	Tinggi Tekan (m)	Jarak (m)	Sta. (Km)	Sta. (m)	ELEVASI EKSISTING Ki-4 (+...m)	Ki-3 (+...m)	Ki-2 (+...m)	Ki-1 (+...m)	Axis (+...m)	Ka-1 (+...m)	Ka-2 (+...m)	Ka-3 (+...m)	Ka-4 (+...m)	Ka-5 (+...m)	Ka-6 (+...m)		ELEVASI DESAIN NBL (+...m)	WSL (+...m)	BTL (+...m)	KETERANGAN
	T1	**Box T1**	0.11	0.0	0 +	111.3		0.900	0.890	0.051	-0.302	0.614	0.795	0.700					(0.007)	0.394	0.694	*Saluran beton U ditch dengan kondisi existing berupa saluran Pas batu*
	A.8			48.5	0 +	159.8		0.620	0.646	0.504	-0.158	0.470	0.541	-0.190					(0.022)	0.379	0.679	
	A.9			50.1	0 +	209.9		0.510	0.579	0.410	-0.230	0.483	0.624	-0.297					(0.037)	0.364	0.664	
	A.10			49.2	0 +	259.1		0.410	0.492	0.511	-0.329	0.458	0.501	-0.208					(0.052)	0.349	0.649	
	A.11			51.8	0 +	310.9		0.510	0.513	0.503	-0.125	0.436	0.530	-0.011					(0.067)	0.334	0.634	
	A.12			49.3	0 +	360.2		0.582	0.594	0.558	-0.459	0.485	0.589	0.051					(0.082)	0.319	0.619	
	A13	**Box T2**		49.1	0 +	409.3		0.500	0.515	0.173	-0.365	0.523	0.538	-0.289					(0.097)	0.304	0.604	
				298.0																		

RIMP : RENTANG IRRIGATION MODERNIZATION PROJECT
PAKET : LOS-04

PARAMETER DAN ELEVASI SALURAN PEMBAWA

Saluran : **Box T2 - Box K1**

Parameter Saluran :					
	A = 26.63 (ha)	v = 0.30 (m/dt)	Lebar atas tanggul Kanan = 0.50 (m)	A = 0.14 (m^2)	u = 0.30 (m/dt)
	Q = 0.042 (m3/dt)	k = 70	Lebar atas tanggul Kiri = 0.50 (m)	P = 1.06 (m)	dV = 0.00072 (m/dt)
	B = 0.50 (m)	Jagaan = 0.33 (m)	H = 0.60 (m)	R = 0.13 (m)	B/h = 1.83
	h = 0.27 (m)	m = 0.0	s = 0.00027		

No.	Profil	Nama Bangunan	Tinggi Tekan	Jarak	Sta.		ELEVASI EKSISTING												ELEVASI DESAIN			KETERANGAN
							Ki-4	Ki-3	Ki-2	Ki-1	Axis	Ka-1	Ka-2	Ka-3	Ka-4	Ka-5	Ka-6		NBL	WSL	BTL	
			(m)	(m)	(Km)	(m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)	(+...m)		(+...m)	(+...m)	(+...m)	
	A.13	**Box T2**	0.07	0.0	0 +	409.3		0.500	0.515	0.173	-0.365	0.523	0.538	-0.289					(0.04)	0.23	0.56	
	A.14			51.6	0 +	460.9		0.481	0.490	0.486	-0.529	-0.034	0.471	-0.089					(0.06)	0.22	0.55	
	A.15			48.8	0 +	509.7		0.600	0.688	0.322	-0.442	0.486	0.475	-0.030					(0.07)	0.20	0.53	
	A.16			51.2	0 +	560.9		0.501	0.558	0.468	-0.332	0.840	0.599	-0.020					(0.08)	0.19	0.52	*Saluran beton U ditch dengan kondisi existing berupa saluran Pas batu*
	A.17			47.1	0 +	608.0		0.511	0.572	0.612	-0.406	0.823	0.843	-0.099					(0.10)	0.18	0.51	
	A.18			51.5	0 +	659.5		0.792	0.855	0.794	-0.260	0.833	0.836	0.001					(0.11)	0.16	0.49	
	A.19			51.2	0 +	710.7		0.792	0.819	0.761	-0.249	0.489	0.869	-0.188					(0.12)	0.15	0.48	
	A20	**Box K1**		49.6	0 +	760.3		0.621	0.749	-0.160	-0.084	0.609	0.752	0.012					(0.14)	0.14	0.47	
				351.0																		

DARI HILIR

Harus ditetapkan lebih dahulu kebutuhan elevasi muka air di saluran kwarter untuk petak sawah terjauh.

DARI HULU

Harus ditetapkan lebih dahulu Elevasi muka air saluran tersier di hilir bangunan ukur debit yang tersedia.