

**LEGENDS:**

S.N	Description	Symbol
1	Alignment	—
2	Contour	—

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATHI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

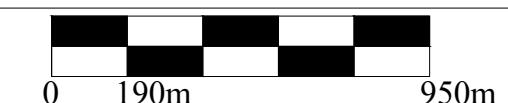
**PROJECT SUPERVISOR:**

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL  
ENGINEERING KATHMANDU  
UNIVERSITY

**DRAWING DETAIL:**

OVERALL PROJECT LAYOUT

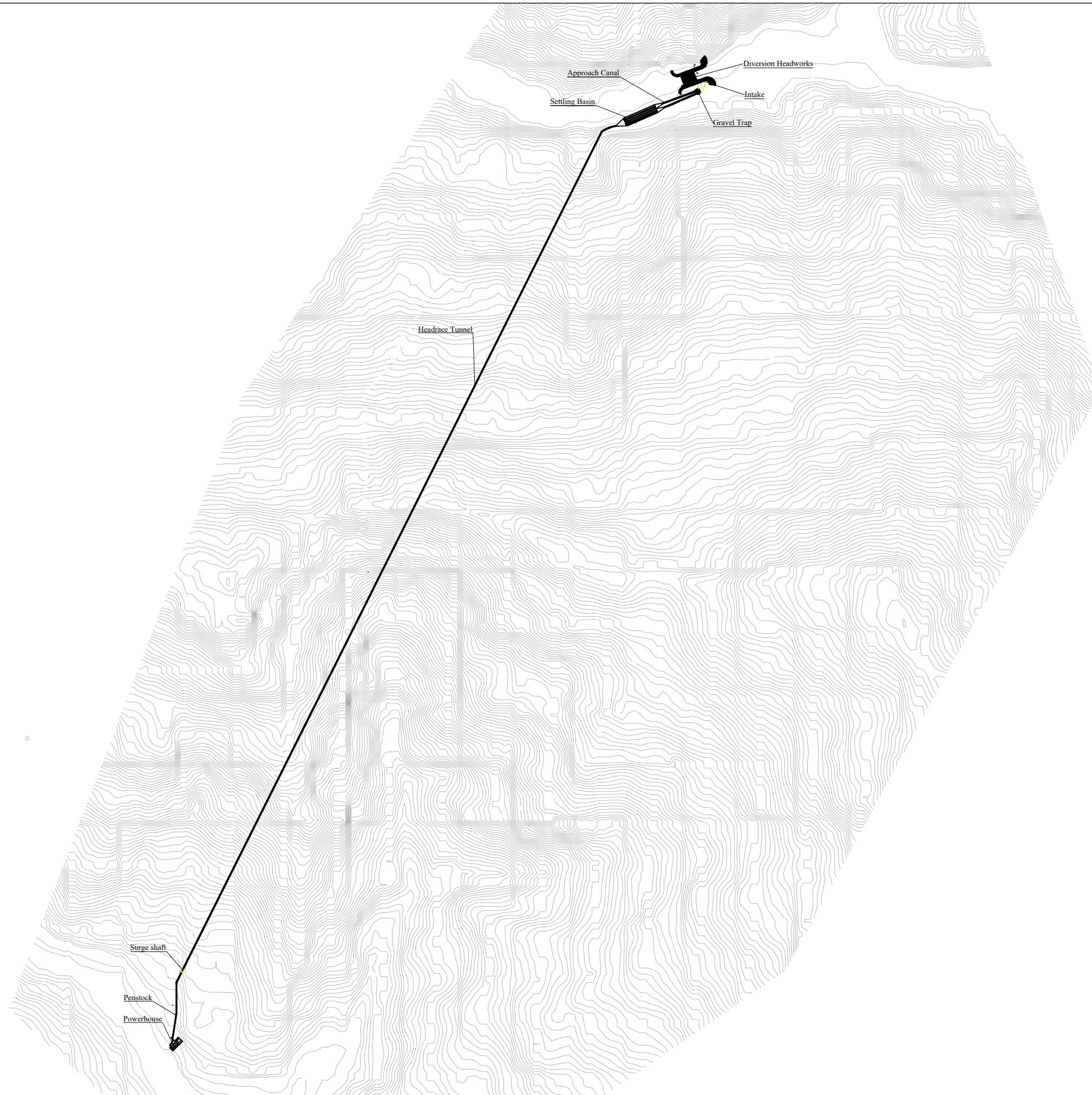
SCALE:- 1:19000



GROUP:- 11

SHEET NO.:- 1

DATE: 14, JUNE, 2025





### LEGENDS:

S.N	Description	Symbol
1	Ground Profile	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
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SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

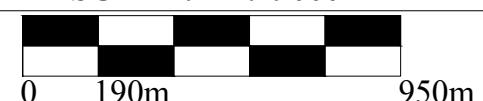
### PROJECT SUPERVISOR:

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING KATHMANDU UNIVERSITY

### DRAWING DETAIL:

L-SECTION OF OVERALL PROJECT ALIGNMENT

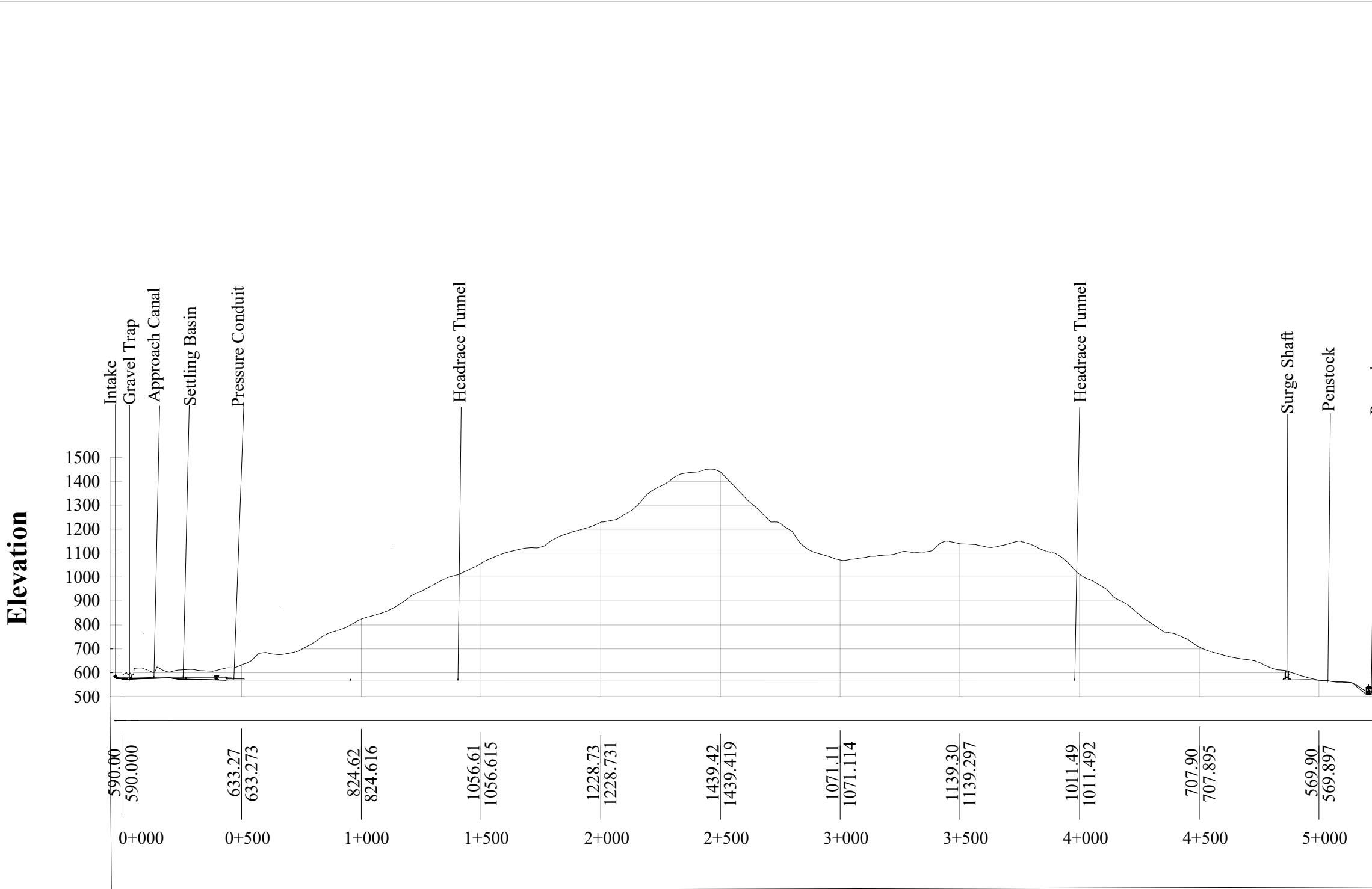
SCALE:- 1:19000



GROUP:- 11

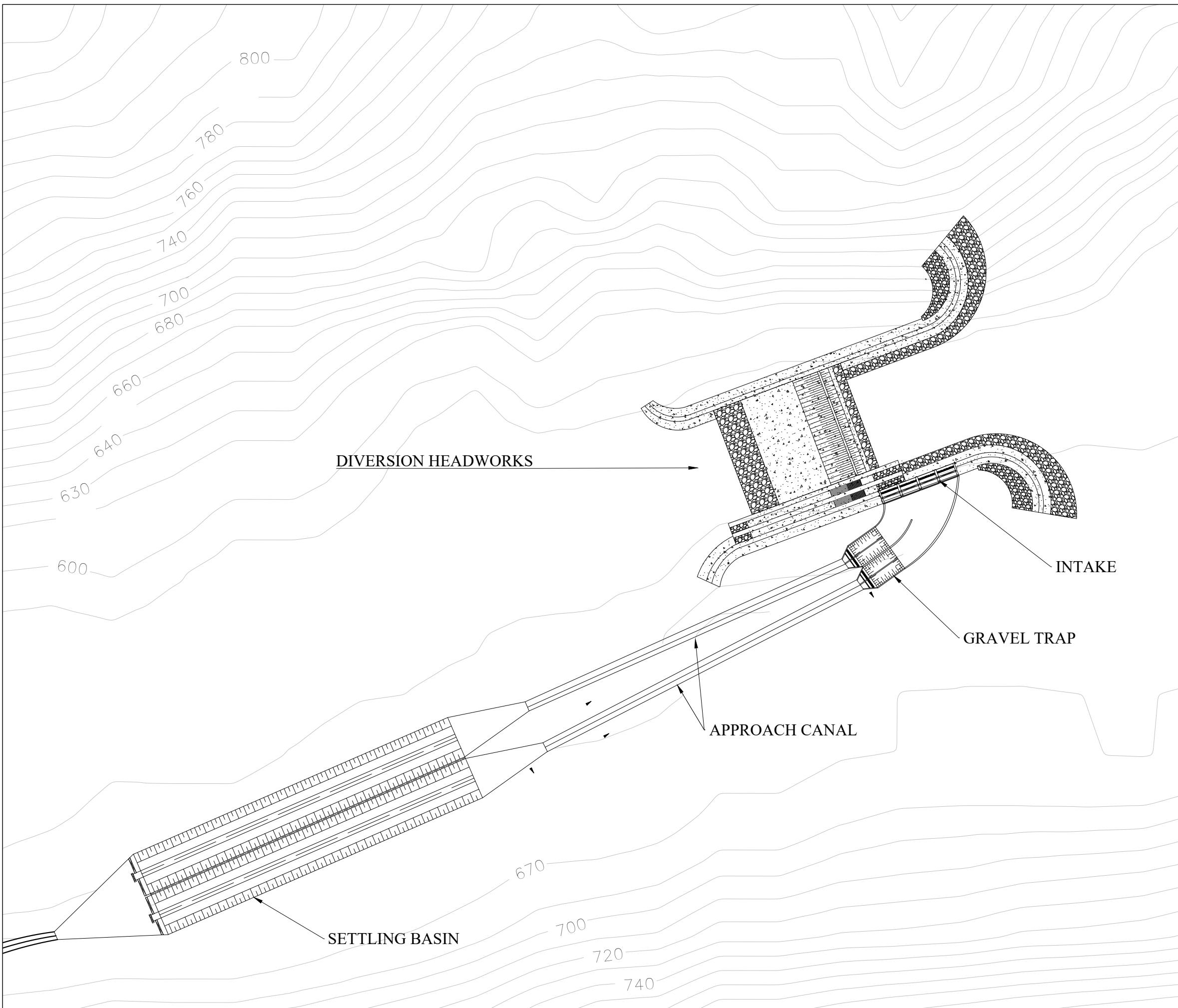
SHEET NO.: -2

DATE: 14 JUNE, 2025



### Chainage

### L-Section of Overall Project Alignment



#### LEGENDS:

S.N	Description	Symbol
1	Contour	[Wavy line symbol]

#### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

#### DESIGNED BY:

BIKESH MAINALI (028062-20)  
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SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

#### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

#### DRAWING DETAIL:

PLAN OF HEADWORKS

SCALE:- 1:1700



GROUP:- 11  
SHEET NO.: 3  
DATE: 14, JUNE, 2025

**LEGENDS:**

S.N	Description	Symbol
1	Protection Work	
2	Concrete	
3	Gate	
4	Trashrack	

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

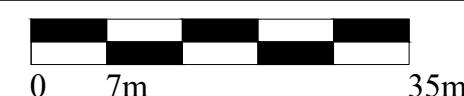
**PROJECT SUPERVISOR:**

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

**DRAWING DETAIL:**

PLAN OF DIVERSION STRUCTURE

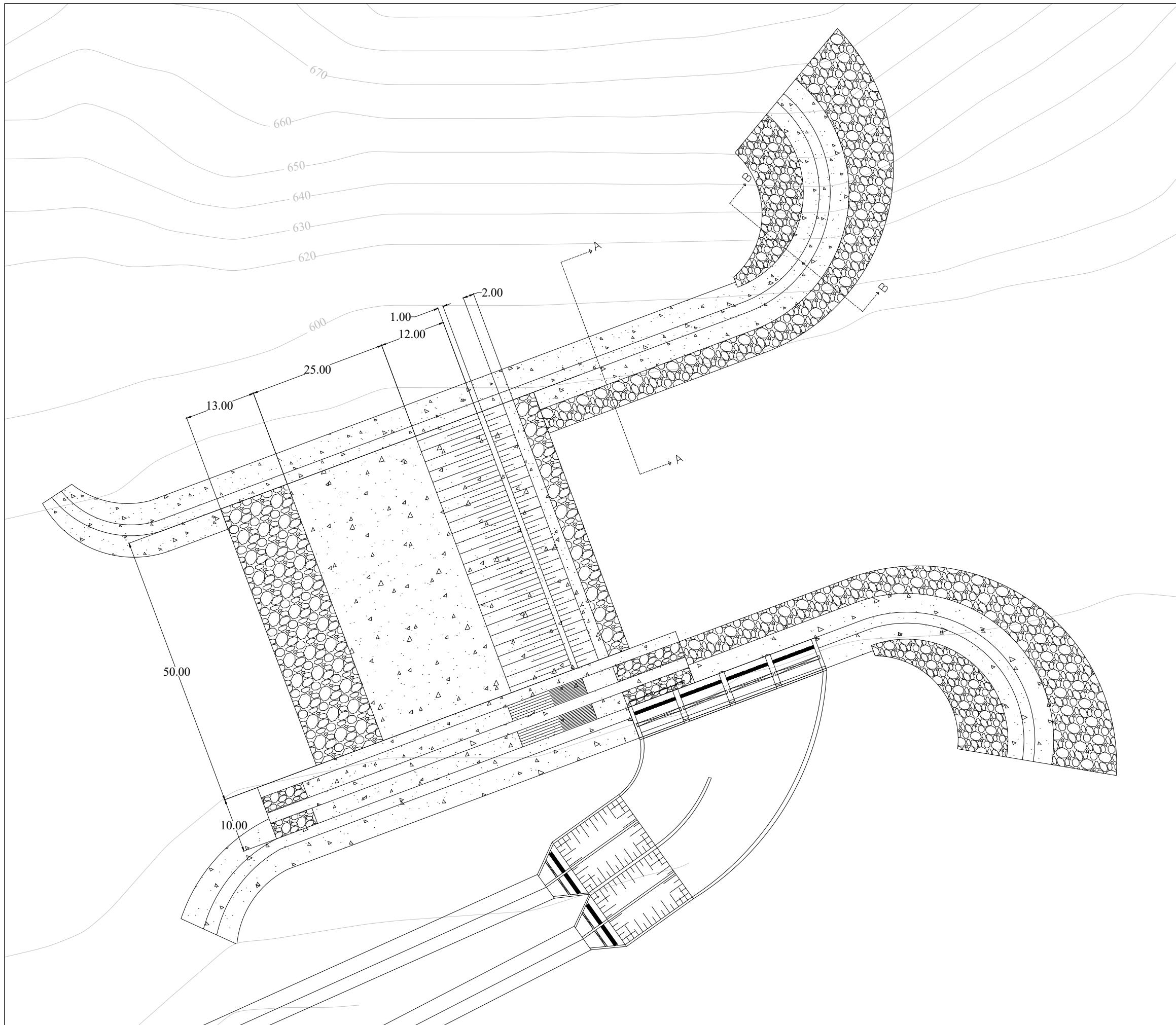
SCALE:- 1:700



GROUP:- 11

SHEET NO.: 4

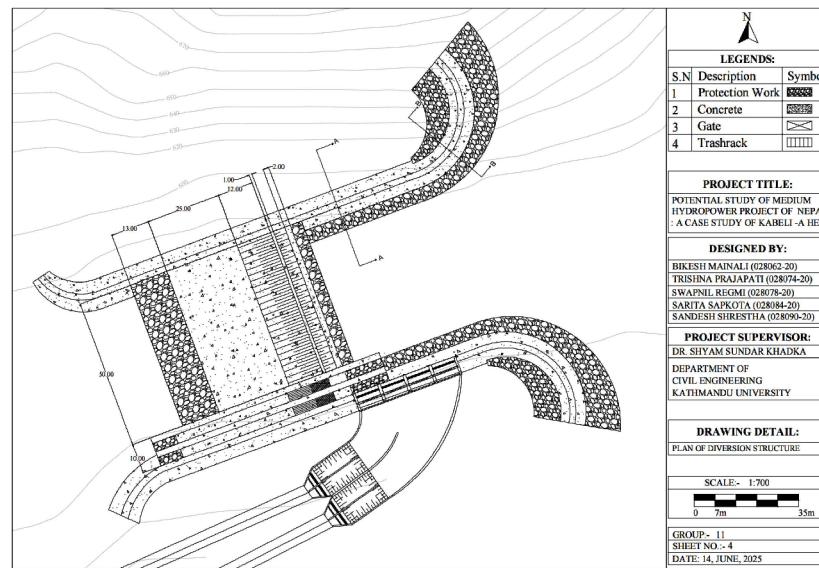
DATE: 14, JUNE, 2025





### LEGENDS:

S.N	Description	Symbol
1	Stone Pitching	
2	Concrete	



### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

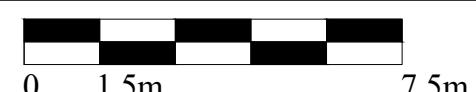
DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF CIVIL ENGINEERING KATHMANDU UNIVERSITY

### DRAWING DETAIL:

SECTION OF DIVERSION STRUCTURE

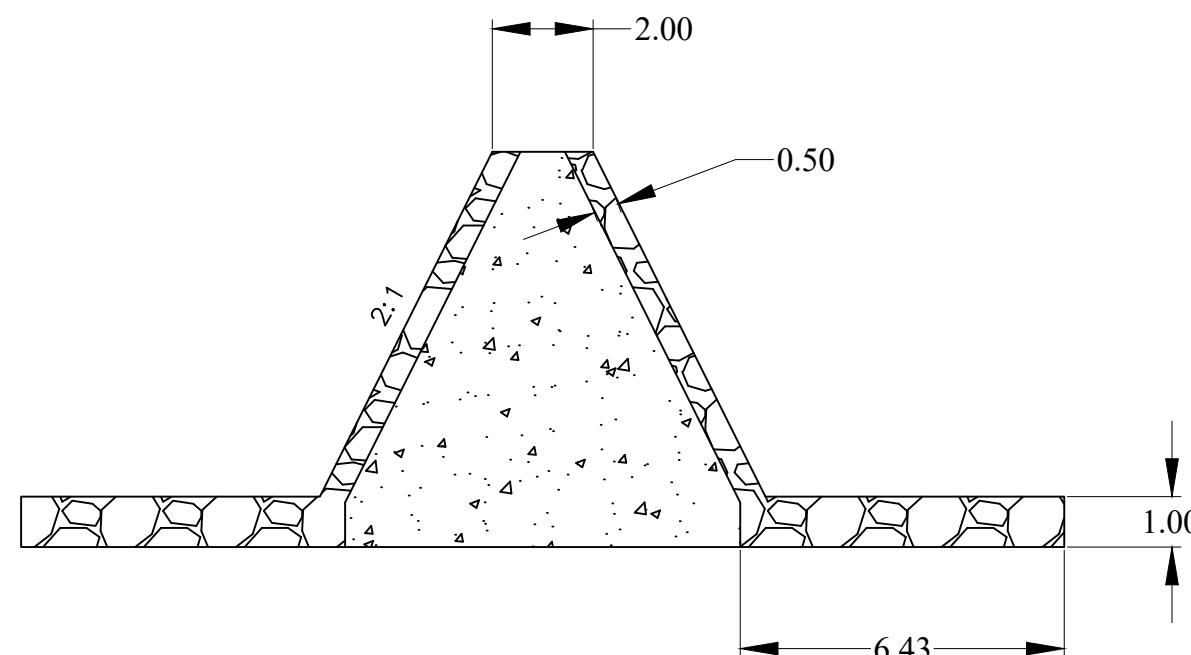
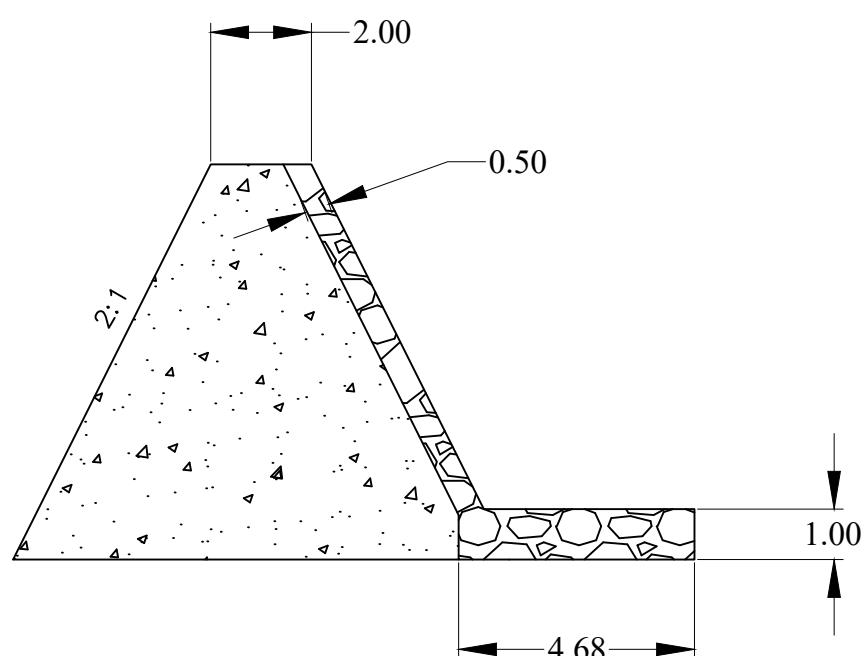
**SCALE:-** 1:150



**GROUP:-** 11

**SHEET NO.:-** 5

**DATE:** 14, JUNE, 2025





### LEGENDS:

S.N	Description	Symbol
1	Protection Work	
2	Concrete	
3	Section Area	
4	Slope Area	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

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SARITA SAPKOTA (028084-20)  
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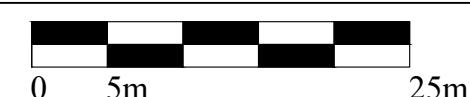
### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

PLAN OF WEIR AND UNDERSLUICE

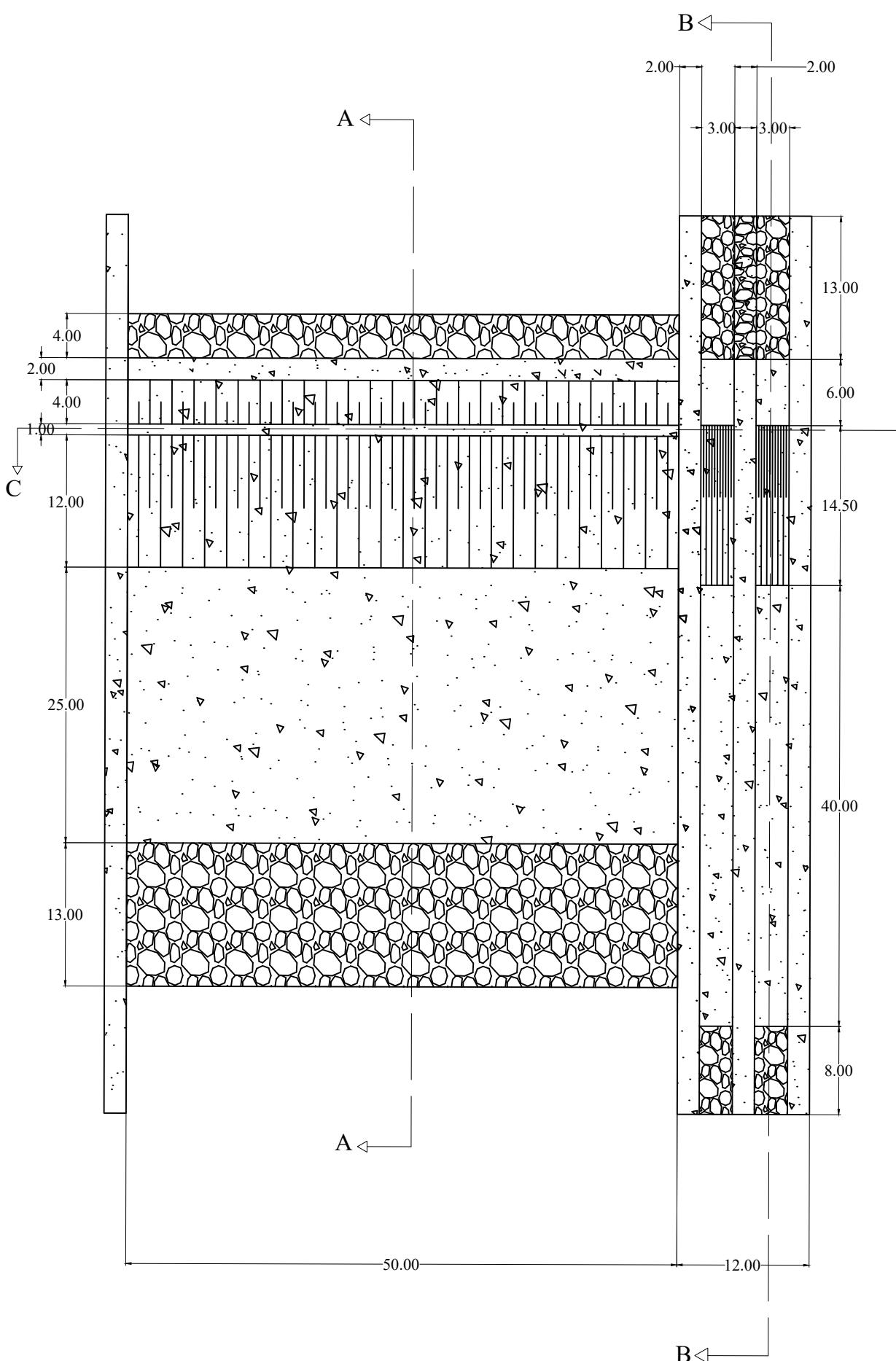
SCALE:- 1:500



GROUP:- 11

SHEET NO.: 6

DATE: 14, JUNE, 2025

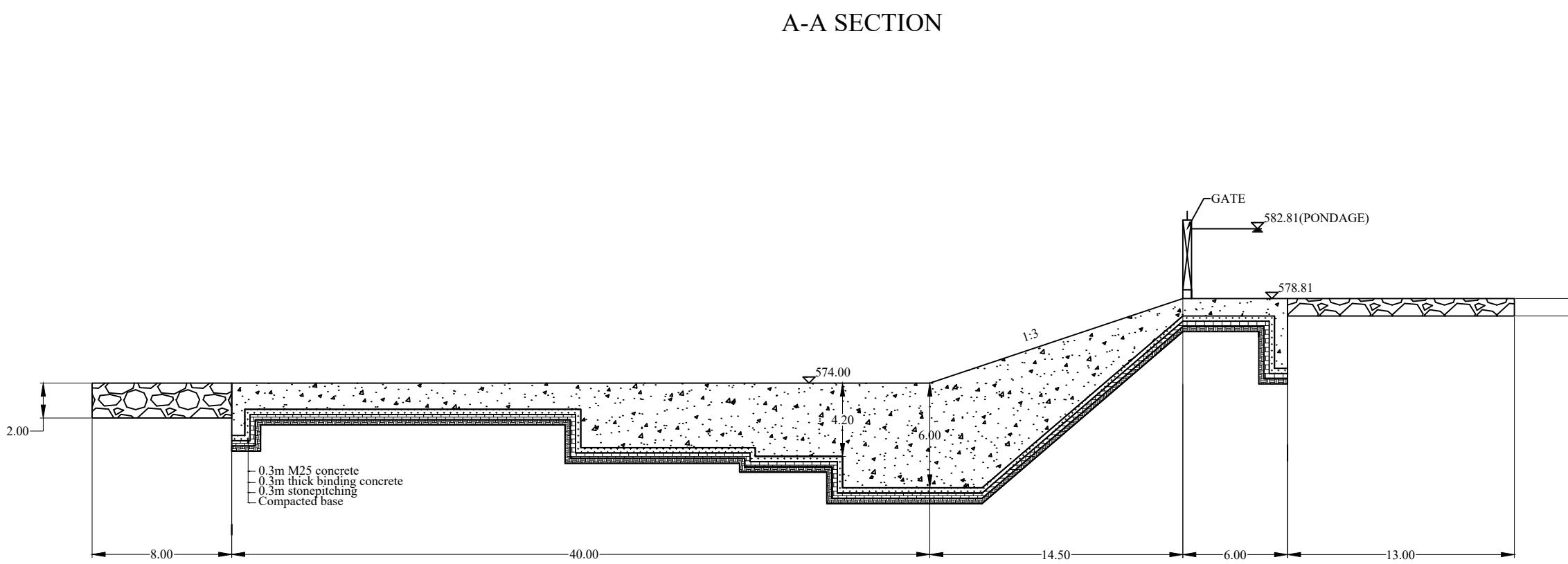
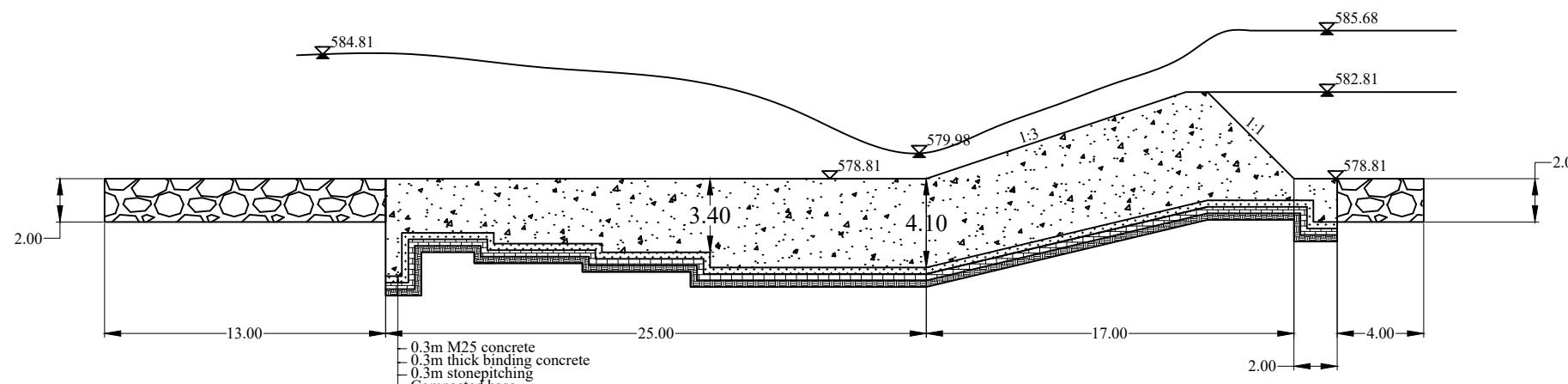
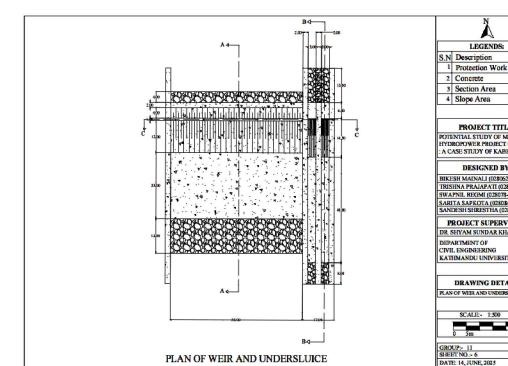


PLAN OF WEIR AND UNDERSLUICE



### LEGENDS:

S.N	Description	Symbol
1	Protection Work	
2	Concrete	
3	Stone Pitching	
4	Binding Concrete	
5	M25 Concrete	



### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

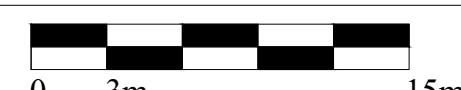
DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

SECTION OF WEIR AND UNDERSLUICE

SCALE:- 1:300



GROUP:- 11  
SHEET NO.: 7  
DATE: 14, JUNE, 2025

N

### LEGENDS:

S.N	Description	Symbol
1	Protection Work	
2	Concrete	
3	Stone Pitching	
4	Binding Concrete	
5	M25 Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

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SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

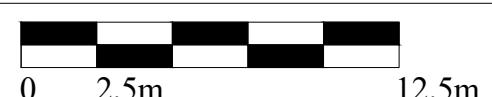
DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

SECTION OF WEIR AND UNDERSLUICE

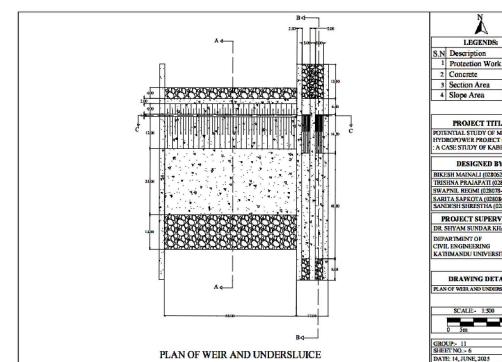
SCALE:- 1:250



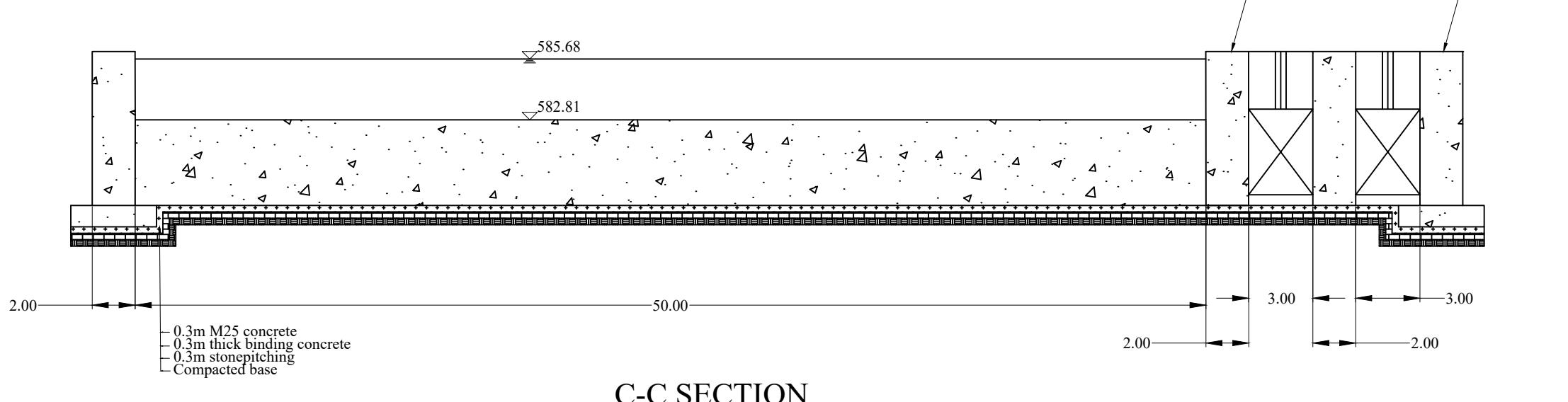
GROUP:- 11

SHEET NO.: 8

DATE: 14, JUNE, 2025



PLAN OF WEIR AND UNDERSLUICE



**LEGENDS:**

S.N	Description	Symbol
1	Slope Area	
2	Section Area	-----
3	Gate	XXXX
4	Trashrack	

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: A CASE STUDY OF KABELI -A HEP

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SANDESH SHRESTHA (028090-20)

**PROJECT SUPERVISOR:**

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

**DRAWING DETAIL:**

PLAN OF INTAKE AND GRAVEL TRAP

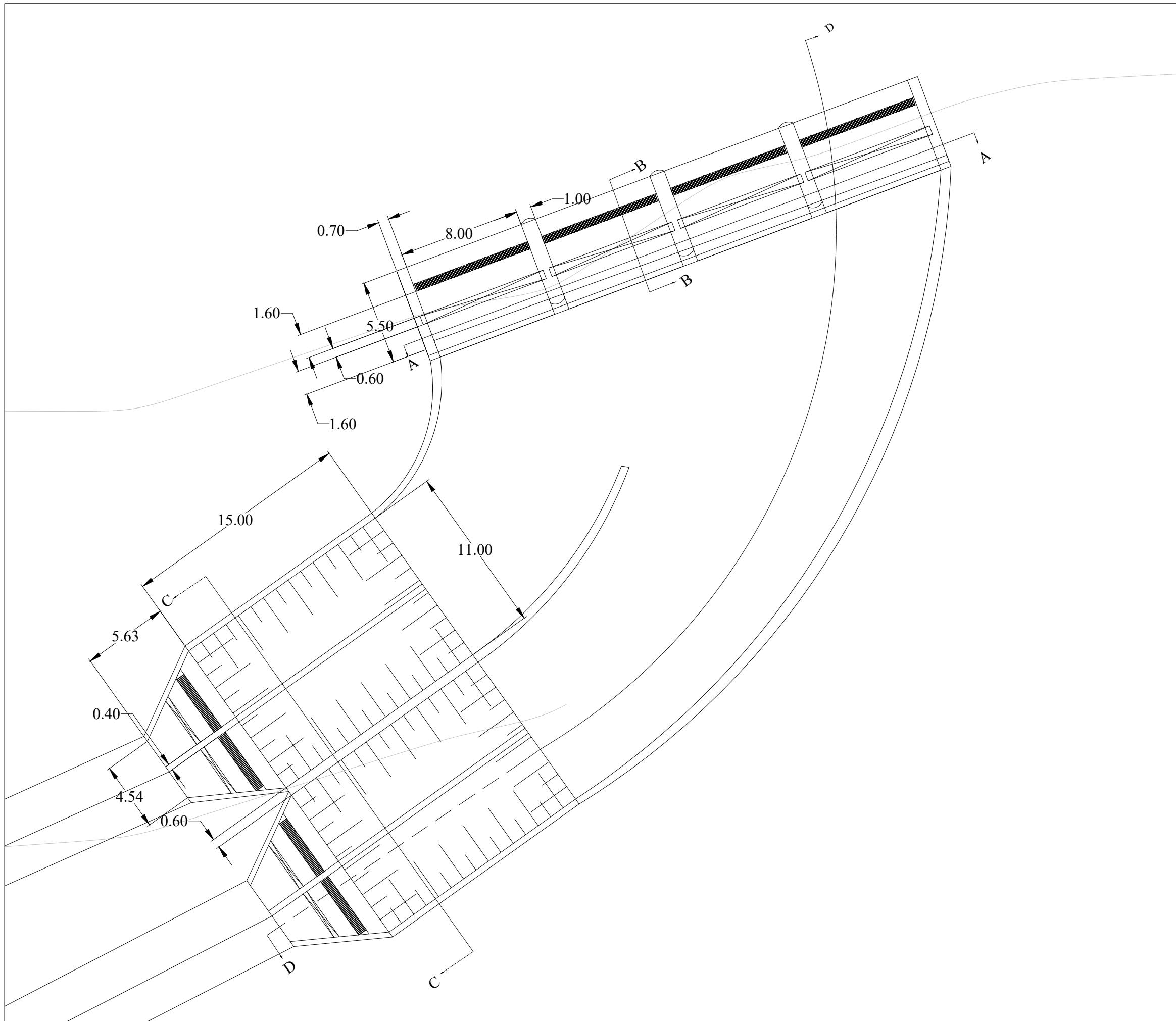
SCALE:- 1:250

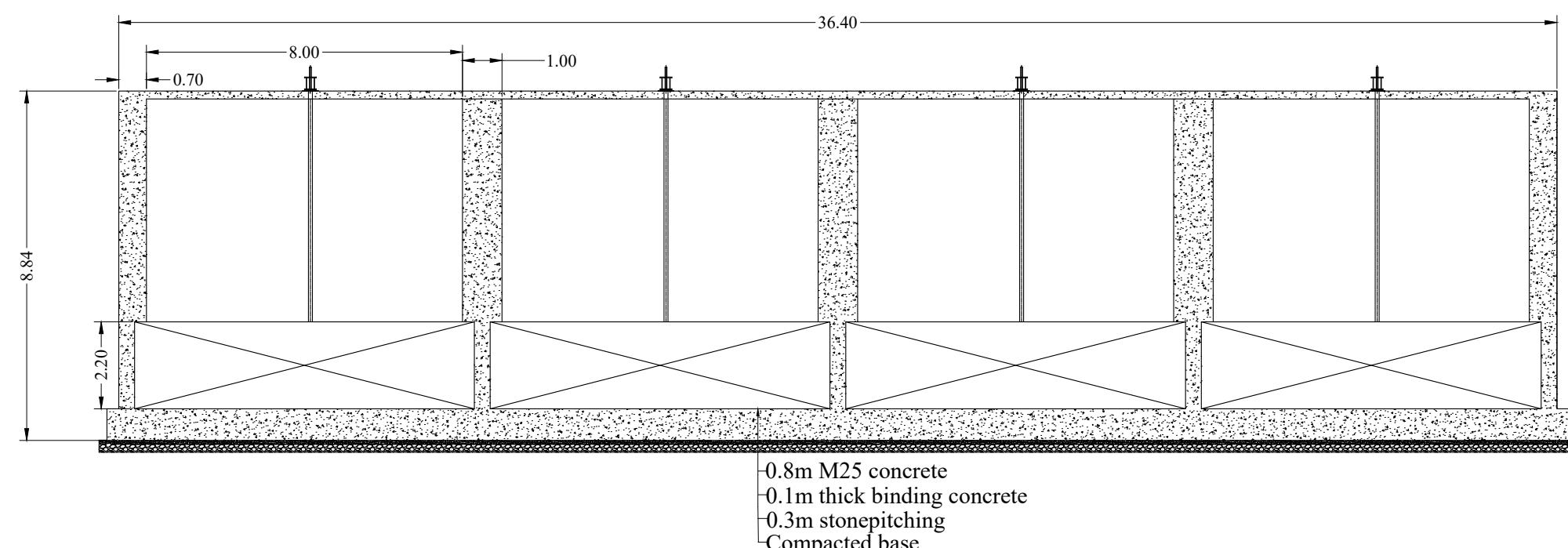
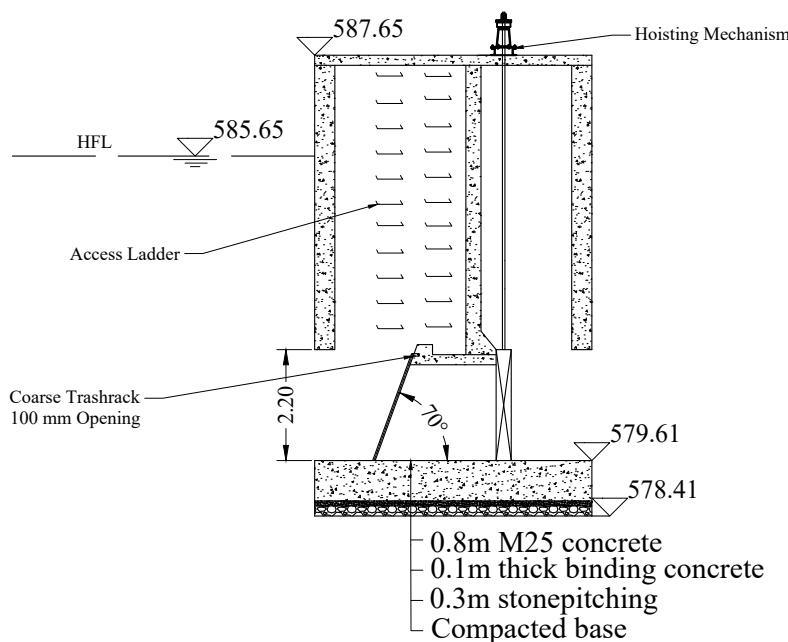


GROUP:- 11

SHEET NO.: 9

DATE: 14, JUNE, 2025





### LEGENDS:

S.N	Description	Symbol
1	Gate	
2	Stone Pitching	
3	Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

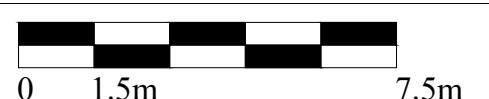
### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

SECTION OF INTAKE AND GRAVEL TRAP

SCALE:- 1:150



GROUP:- 11

SHEET NO.:- 10

DATE: 14, JUNE, 2025



### LEGENDS:

S.N	Description	Symbol
1	Gate	
2	Stone Pitching	
3	Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

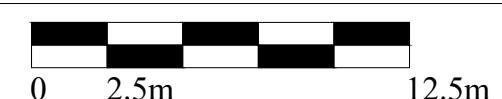
### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

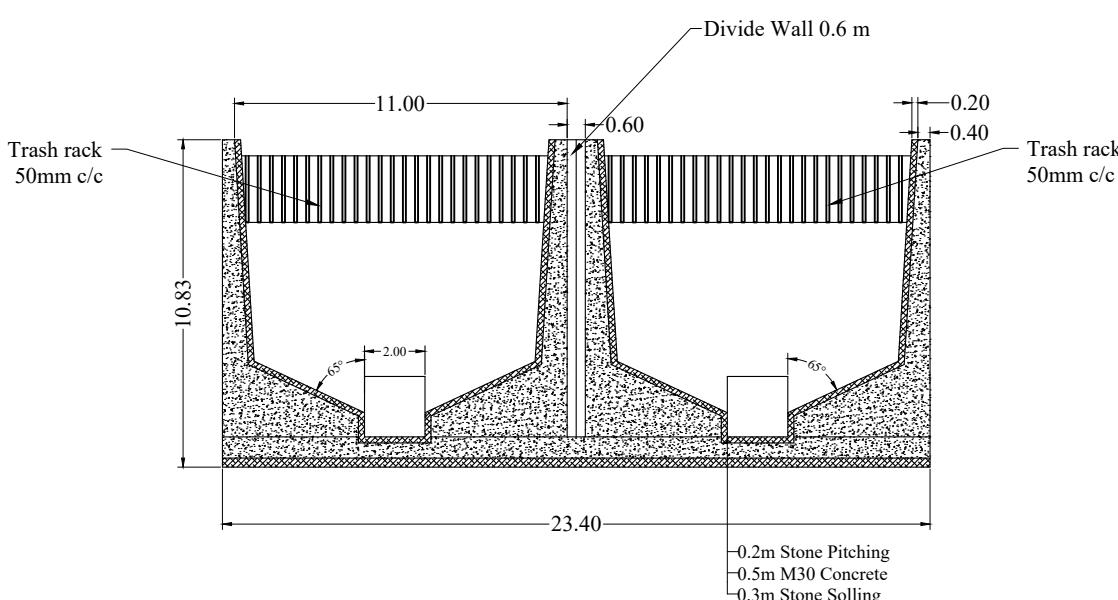
### DRAWING DETAIL:

SECTION OF INTAKE AND GRAVEL TRAP

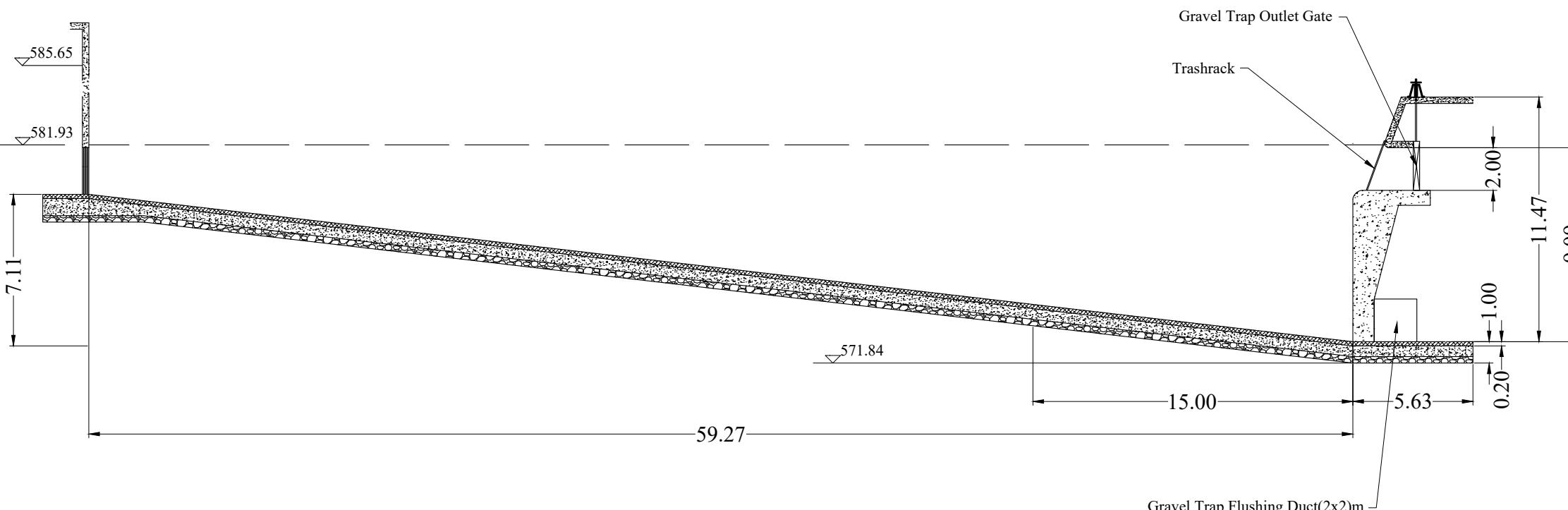
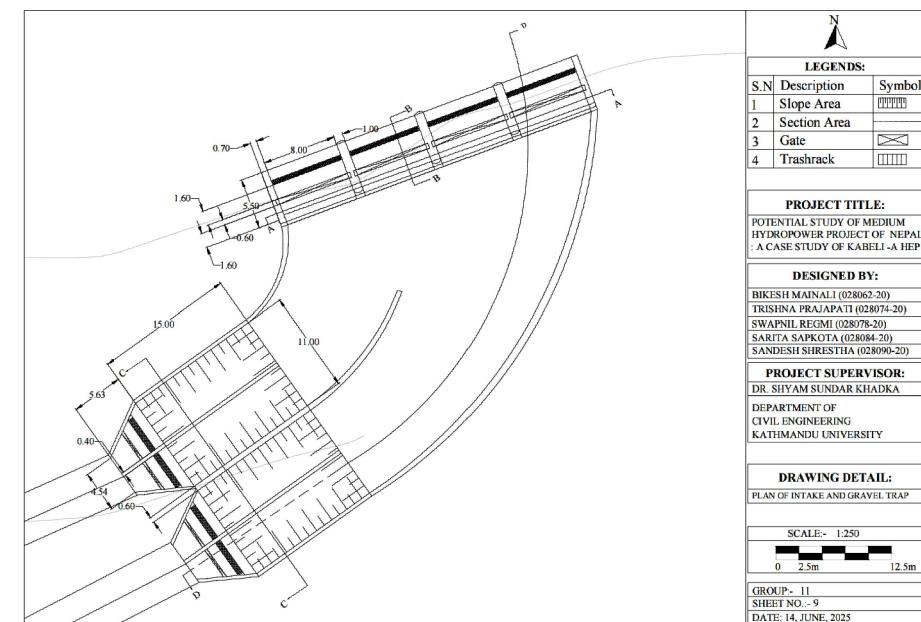
SCALE:- 1:250



GROUP:- 11  
SHEET NO.: 11  
DATE: 14, JUNE, 2025



SECTION AT C-C



SECTION AT D-D

**LEGENDS:**

S.N	Description	Symbol
1	Contour	
2	Section Area	

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

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SANDESH SHRESTHA (028090-20)

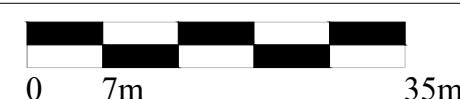
**PROJECT SUPERVISOR:**

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

**DRAWING DETAIL:**

PLAN OF APPROACH CANAL

SCALE:- 1:700

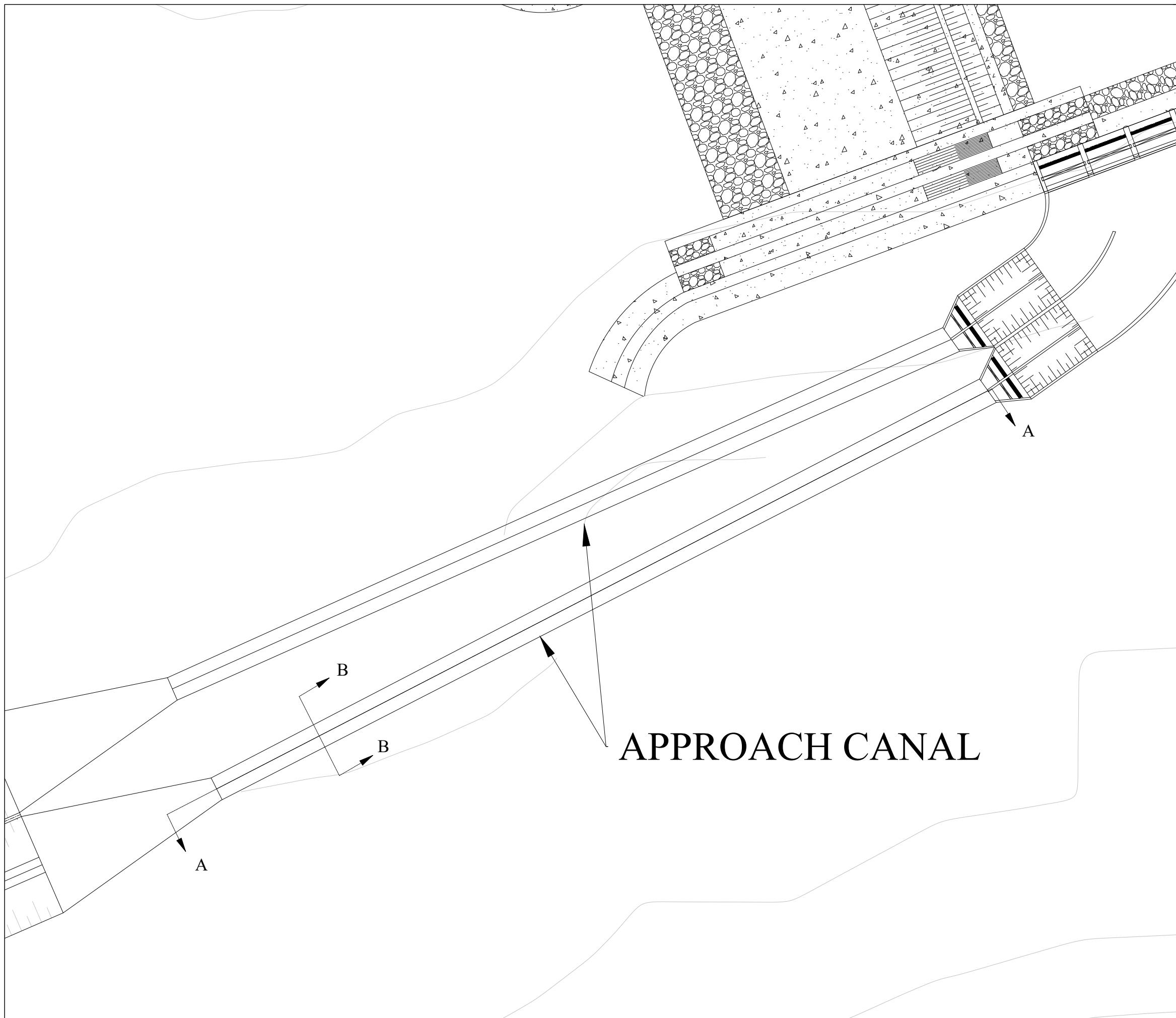


GROUP:- 11

SHEET NO.:- 12

DATE: 14, JUNE, 2025

# APPROACH CANAL





### LEGENDS:

S.N	Description	Symbol
1	Concrete	
2	Stone Pitching	
3	Binding Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

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SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

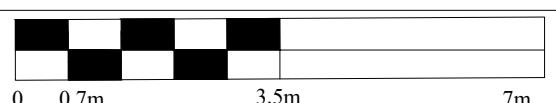
### PROJECT SUPERVISOR:

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING KATHMANDU UNIVERSITY

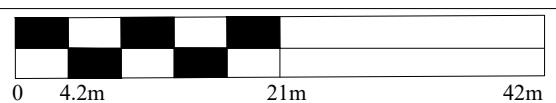
### DRAWING DETAIL:

SECTION OF APPROACH CANAL

#### SCALE-A :-1:100



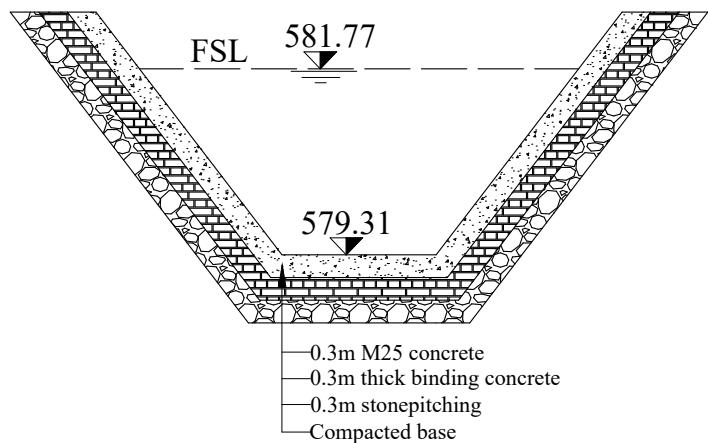
#### SCALE-B :-1:600



GROUP:- 11

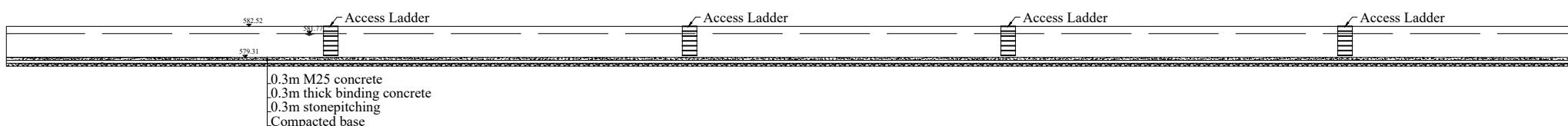
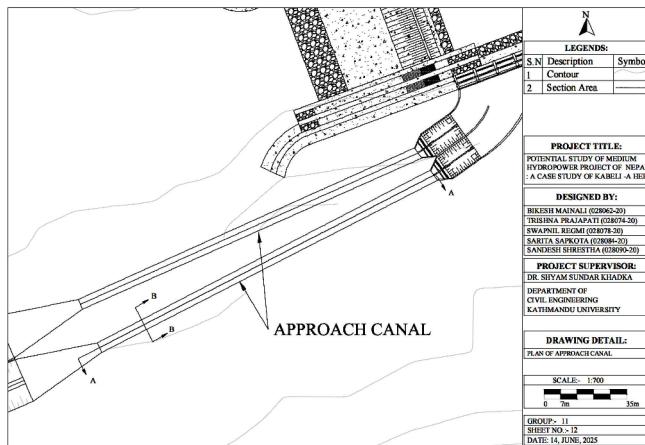
SHEET NO.: - 13

DATE: 14, JUNE, 2025



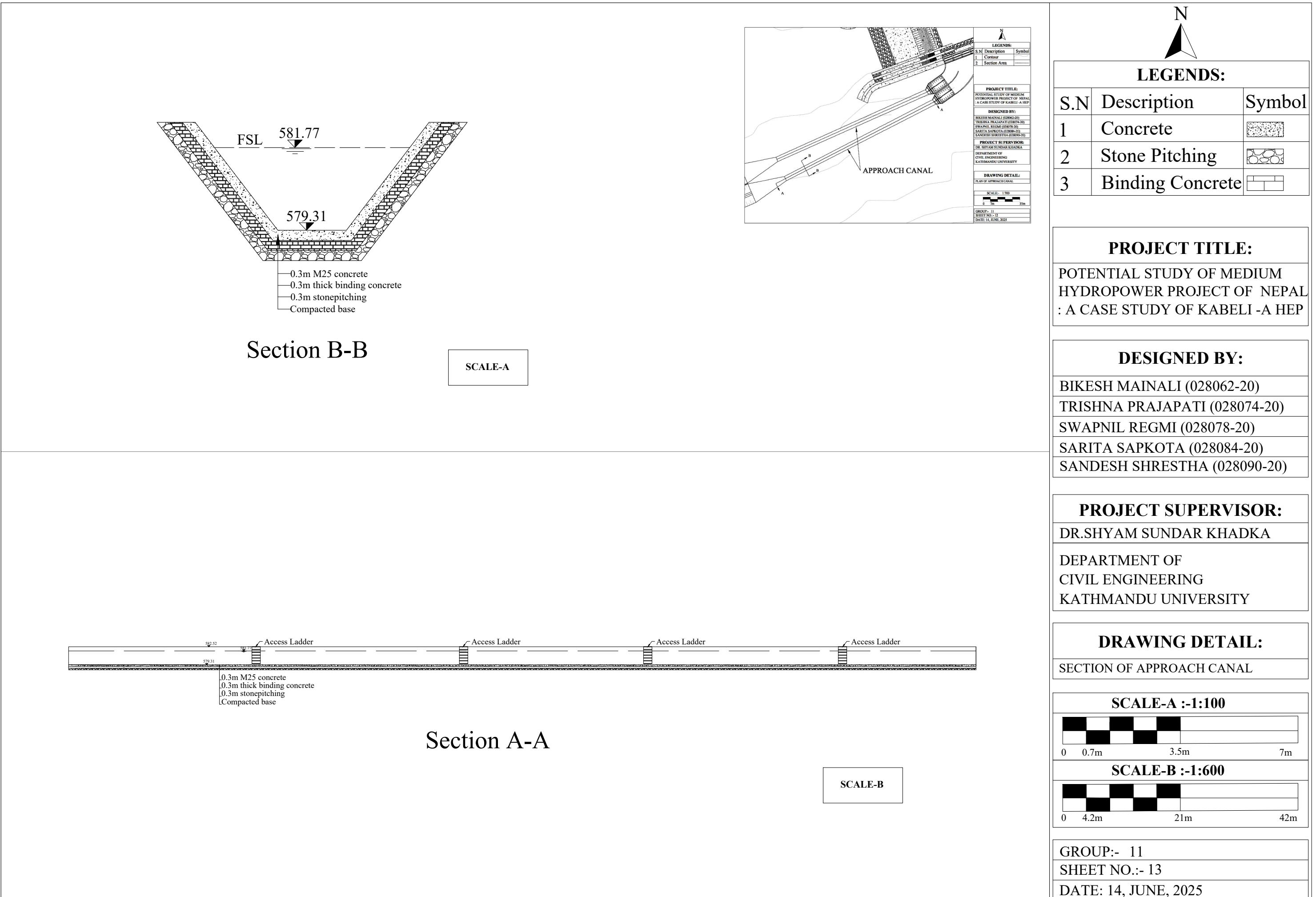
Section B-B

SCALE-A



Section A-A

SCALE-B



**LEGENDS:**

S.N	Description	Symbol
1	Slope Area	
2	Section Area	
3	Gate	

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

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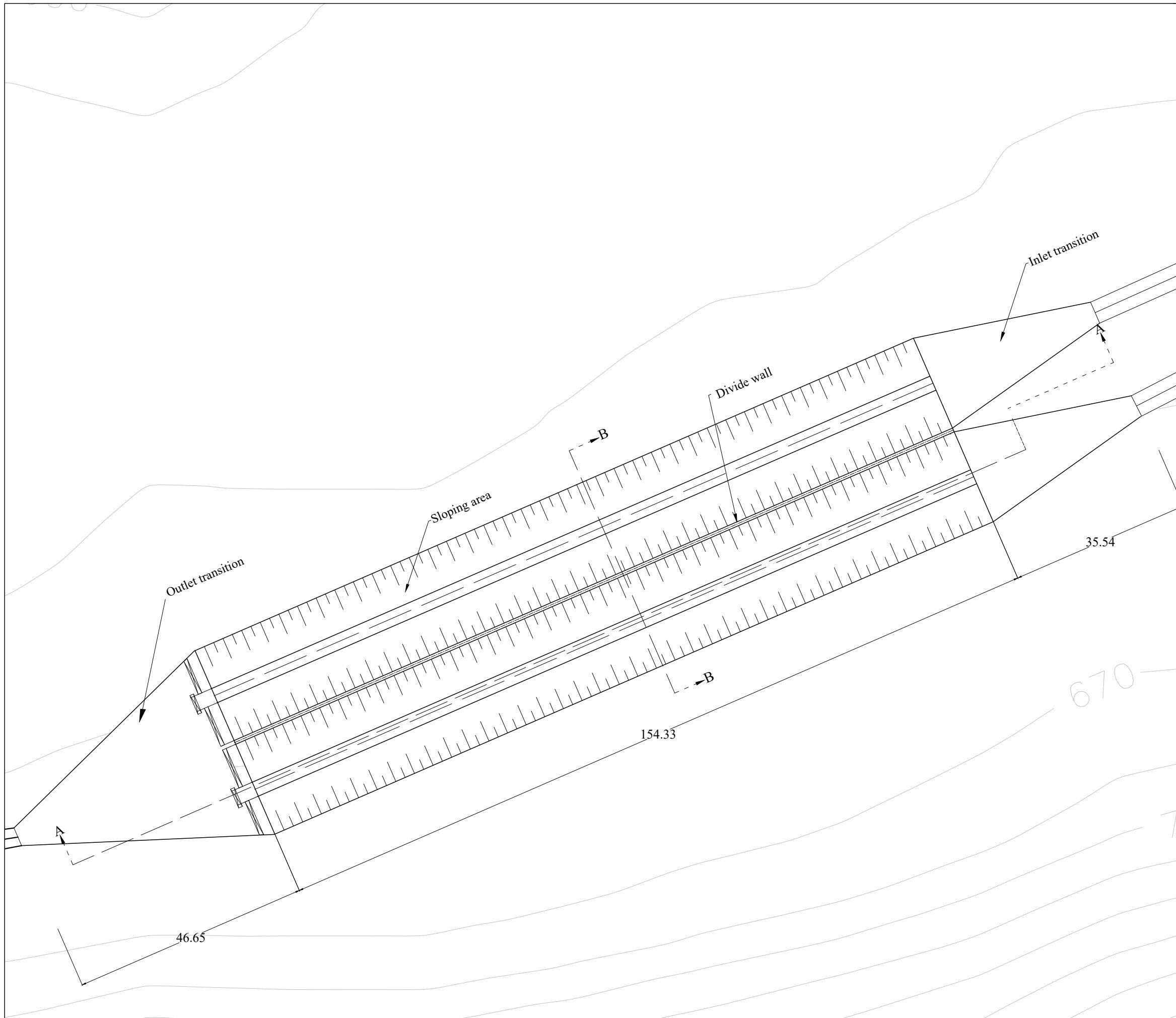
**DRAWING DETAIL:**

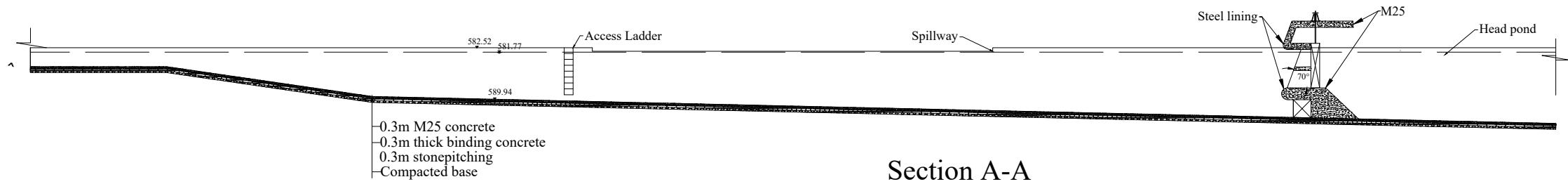
PLAN OF SETTLING BASIN

SCALE:- 1:750



GROUP:- 11  
SHEET NO.: 14  
DATE: 14, JUNE, 2025





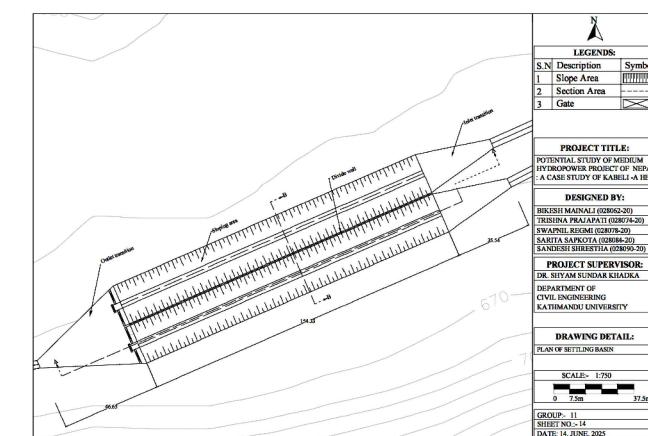
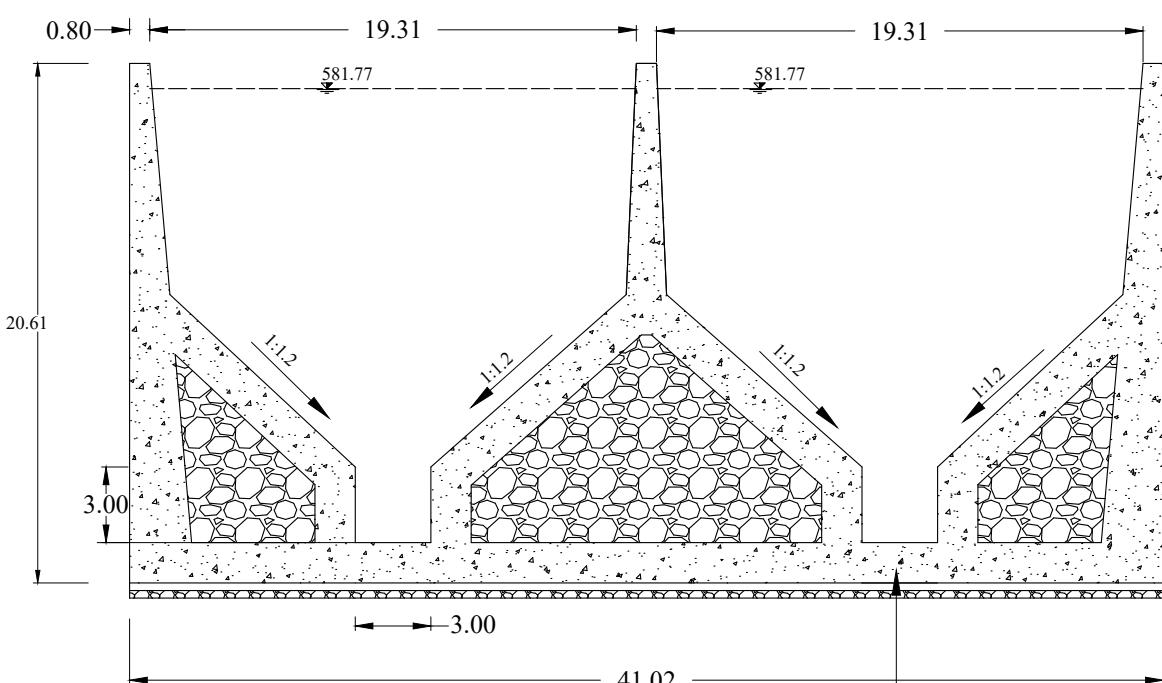
### LEGENDS:

S.N	Description	Symbol
1	Gate	
2	Stone Pitching	
3	Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

SCALE-A



SCALE-B



### LEGENDS:

S.N	Description	Symbol
1	Rock Bolt	
2	Concrete	
3	Shotcrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

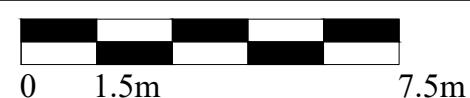
DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

CROSS SECTION OF HEADRACE TUNNEL

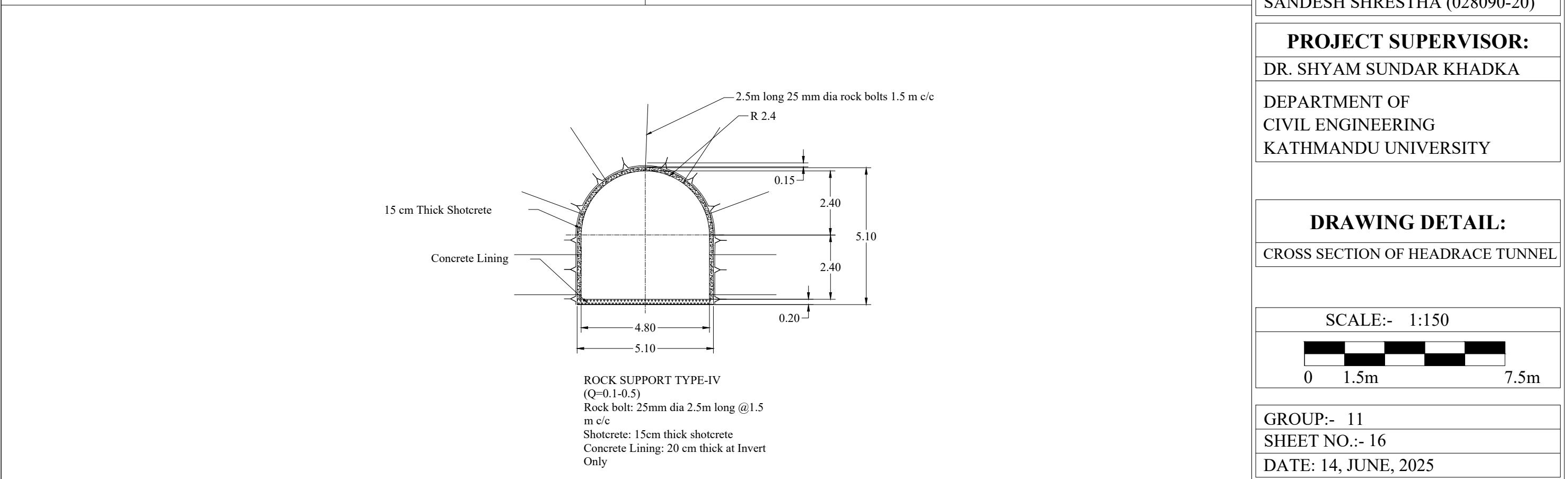
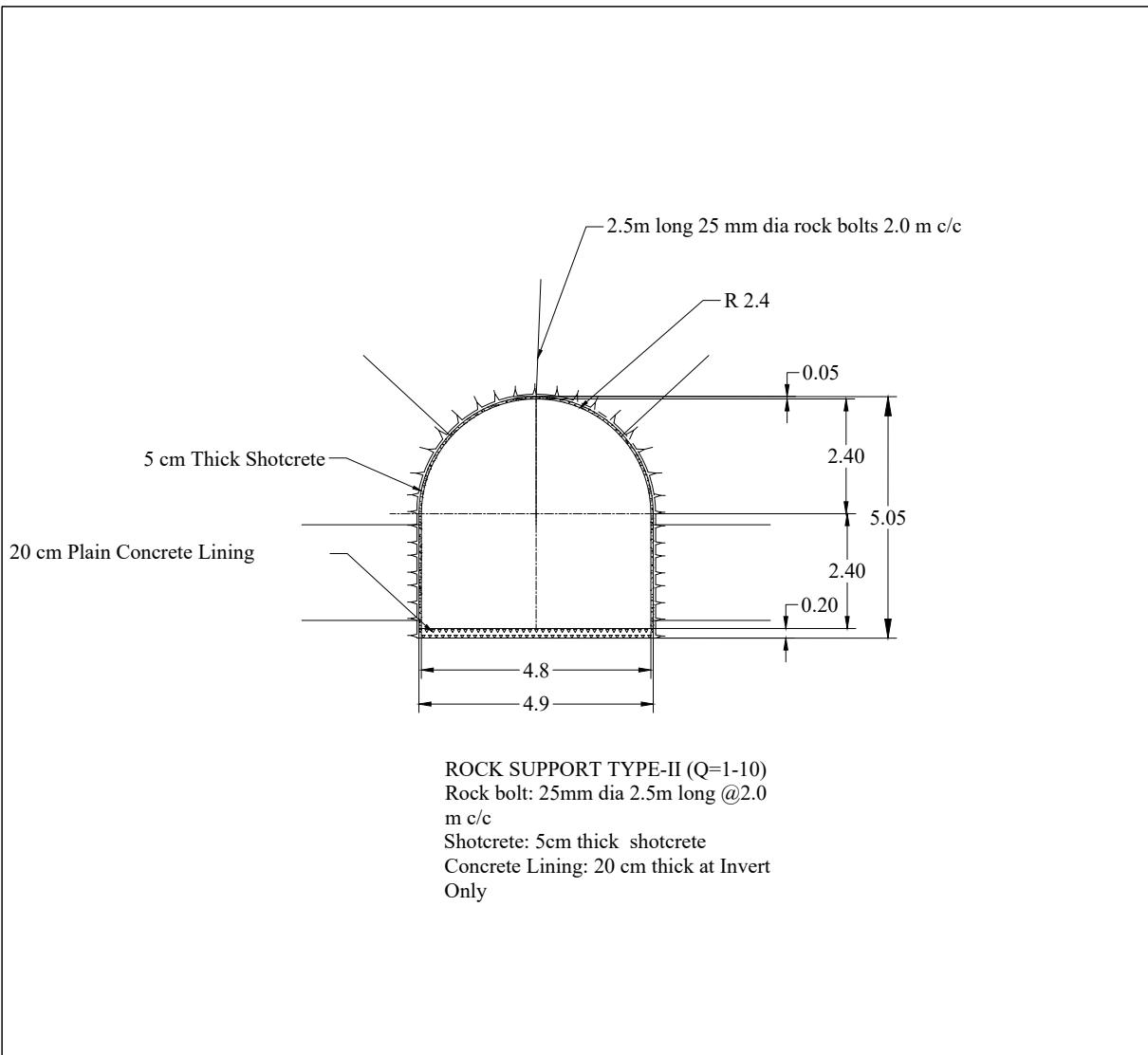
SCALE:- 1:150



GROUP:- 11

SHEET NO.: 16

DATE: 14, JUNE, 2025





### LEGENDS:

S.N	Description	Symbol
1	Rock Bolt	
2	Concrete	
3	Shotcrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

CROSS SECTION OF HEADRACE TUNNEL

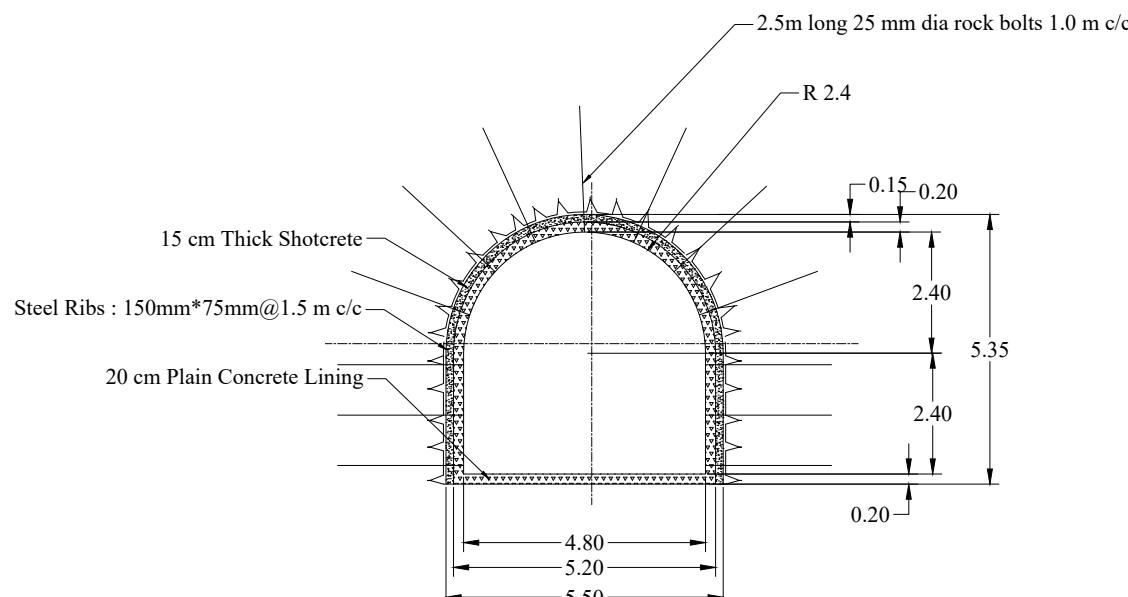
SCALE:- 1:150



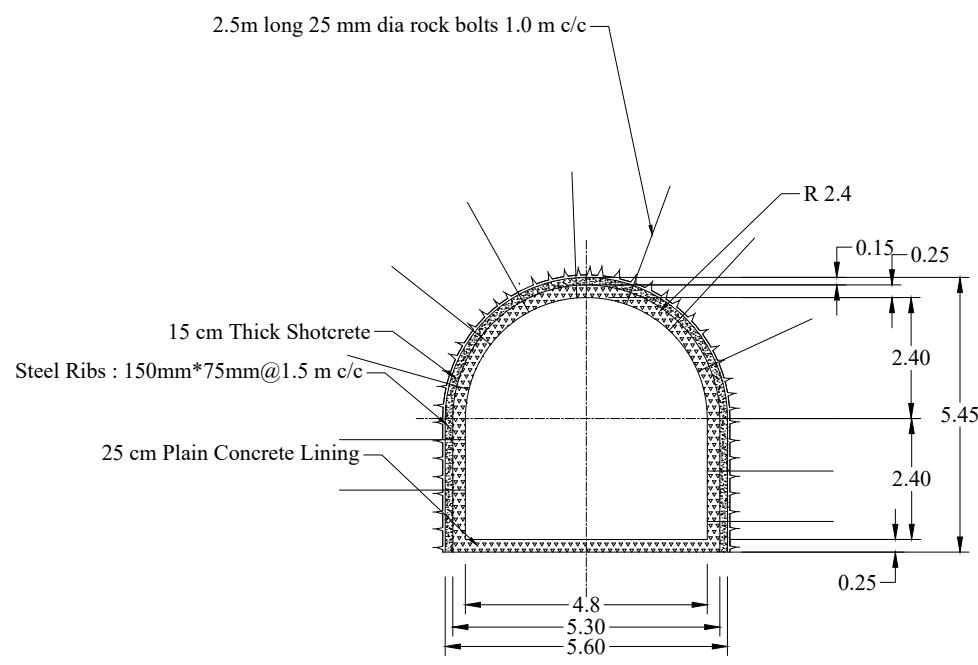
GROUP:- 11

SHEET NO.: 17

DATE: 14, JUNE, 2025



ROCK SUPPORT TYPE-V ( $Q=0.1-0.05$ )  
Rock bolt: 25mm dia 2.5m long @1.0 m c/c  
Shotcrete: 15cm thick shotcrete  
Concrete Lining: 20 cm thick at Invert ,20 cm at wall and crown  
Steel Ribs: ISMB 150mm \* 75mm @1.5m c/c



ROCK SUPPORT TYPE-VI ( $Q<0.05$ )  
Rock bolt: 25mm dia 2.5m long @1.0 m c/c  
Shotcrete: 15cm thick shotcrete  
Concrete Lining: 25 cm thick at Invert ,25 cm at wall and crown  
Steel Ribs: ISMB 150mm \* 75mm @1.5m c/c



### LEGENDS:

S.N	Description	Symbol
1	Rock Bolt	_____
2	Section Area	-----

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

DR. SHYAM SUNDAR KHADKA

DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

PLAN AND SECTION OF SURGE TANK

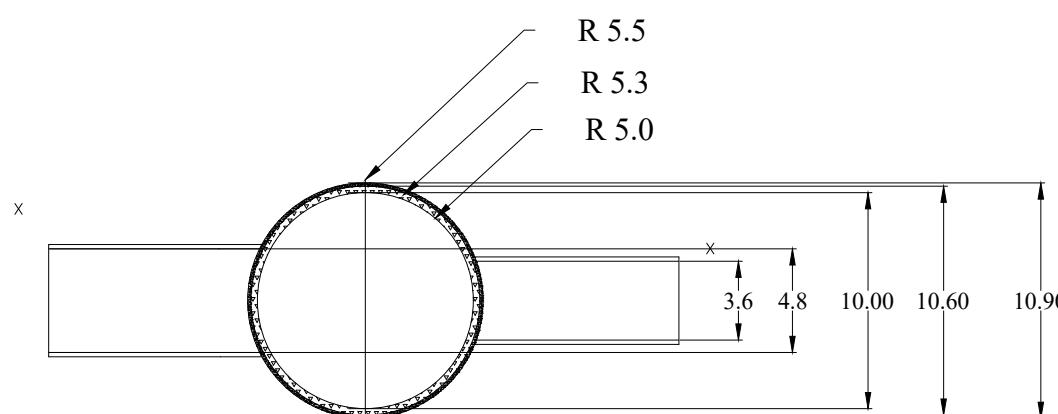
SCALE:- 1:350



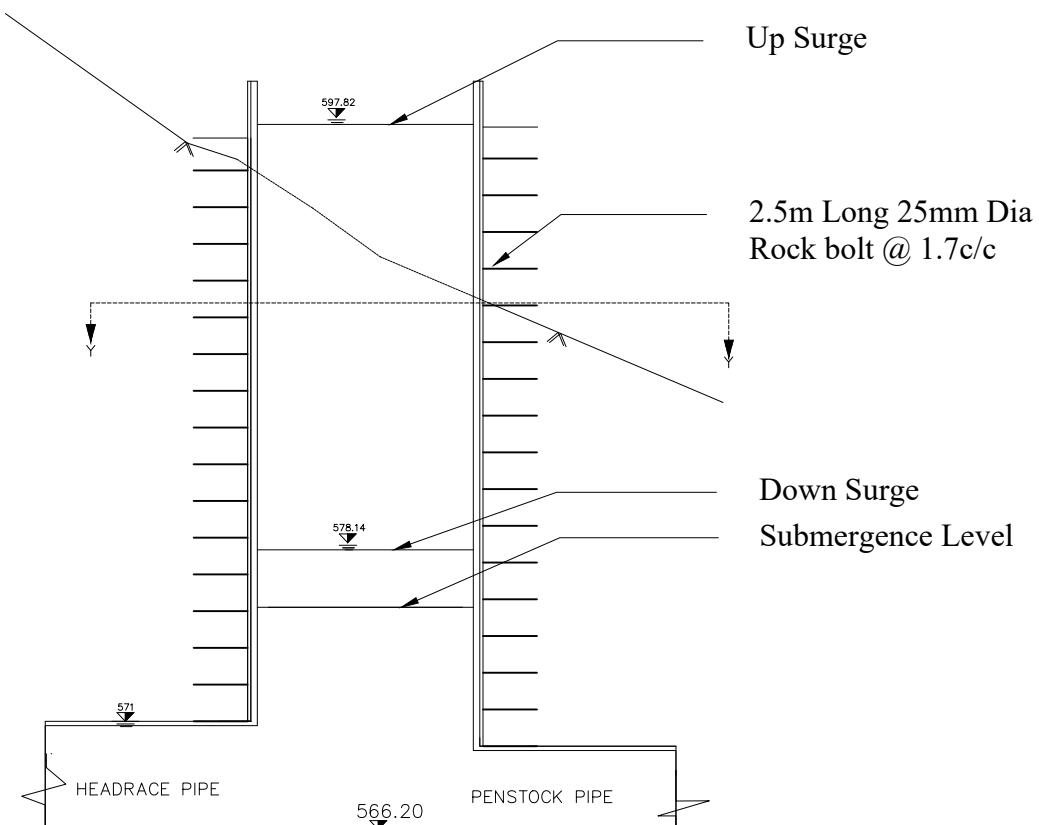
GROUP:- 11

SHEET NO.: 18

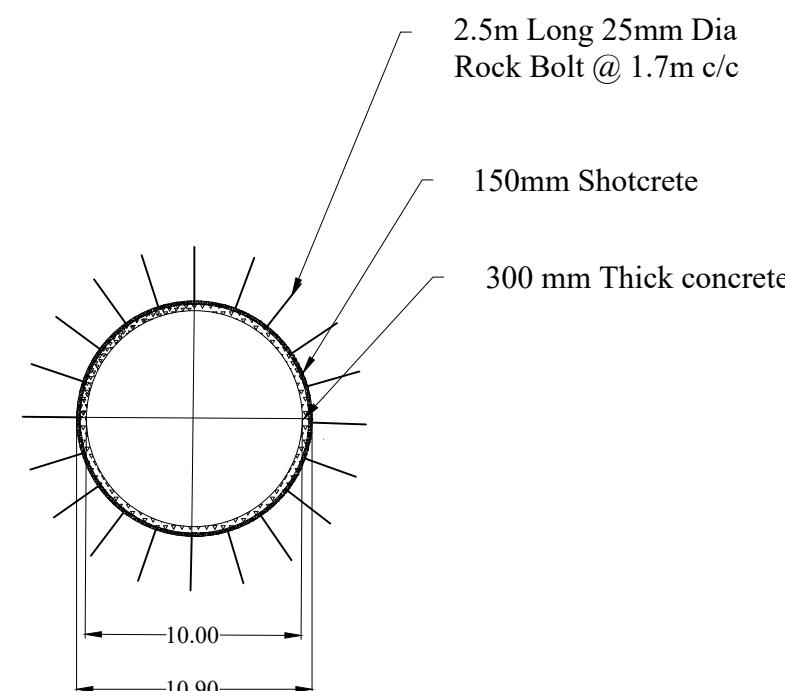
DATE: 14, JUNE, 2025



PLAN OF SURGE TANK



SECTION X-X



SECTION Y-Y



### LEGENDS:

S.N	Description	Symbol
1	Concrete	
2	Penstock Pipe	
3	Centreline	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

### PROJECT SUPERVISOR:

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

### DRAWING DETAIL:

PLAN AND SECTION OF ANCHOR BLOCKS

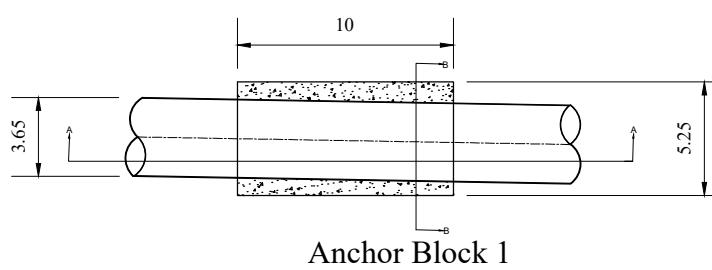
SCALE:- 1:350



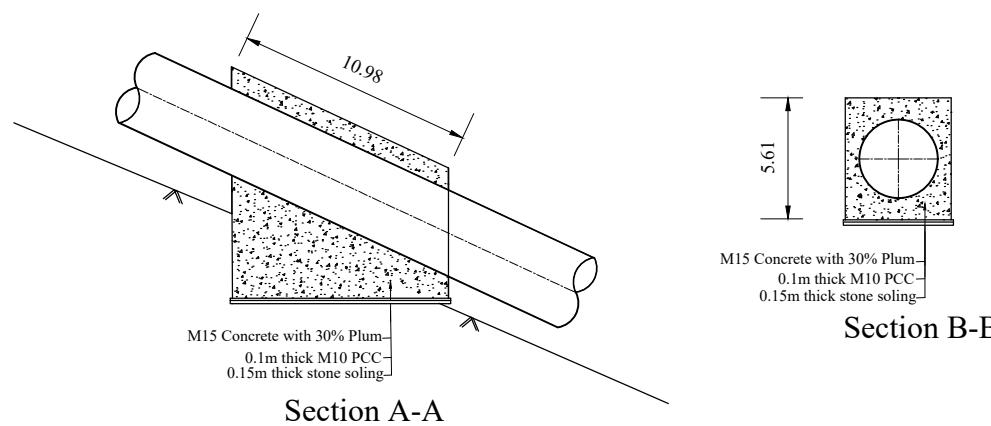
GROUP:- 11

SHEET NO.: 19

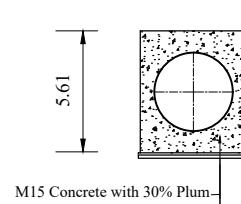
DATE: 14, JUNE, 2025



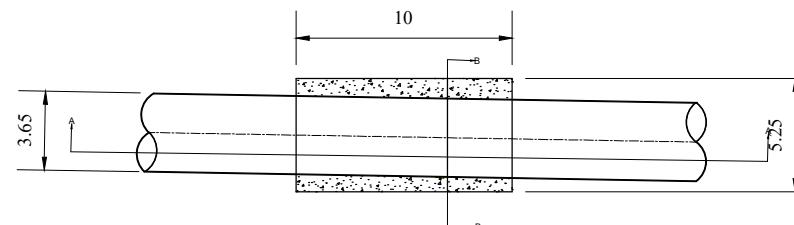
Anchor Block 1



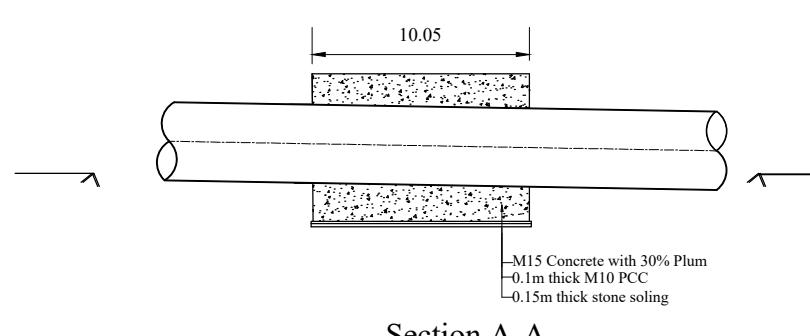
Section A-A



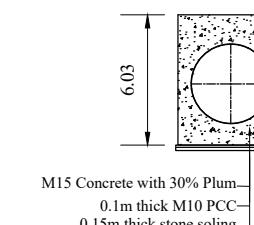
Section B-B



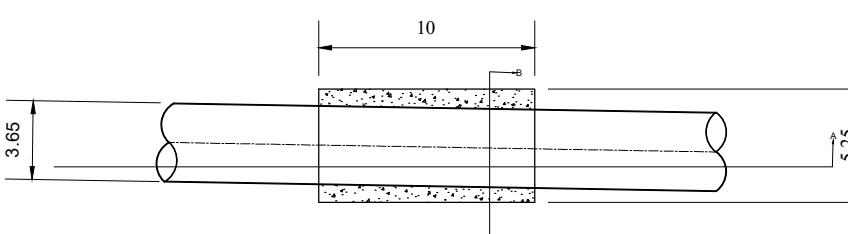
Anchor Block 2



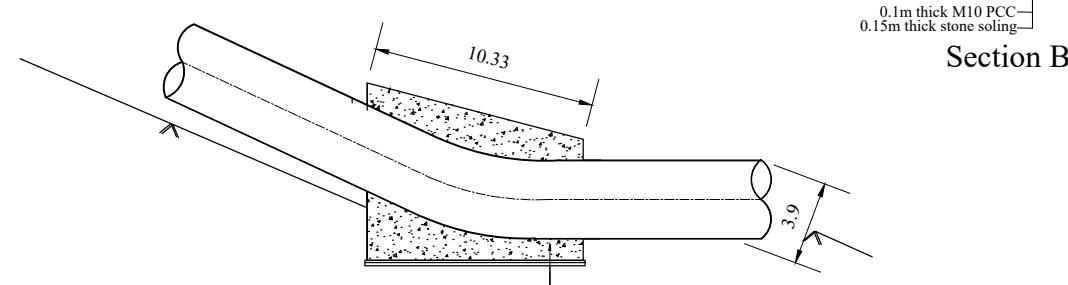
Section A-A



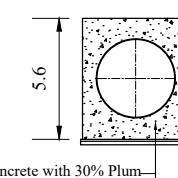
Section B-B



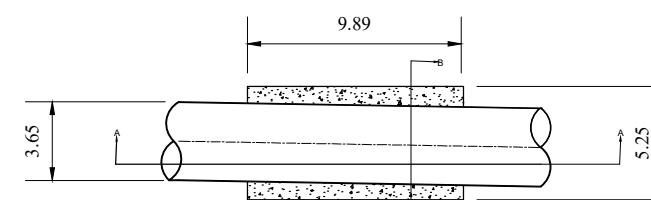
Anchor Block 3



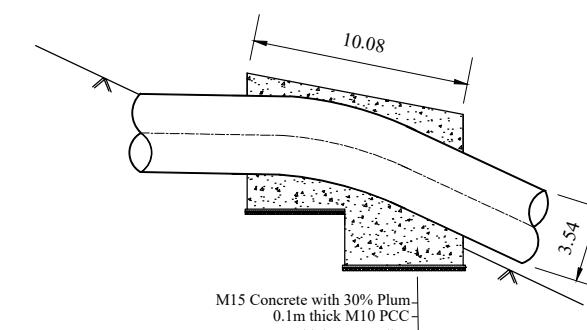
Section A-A



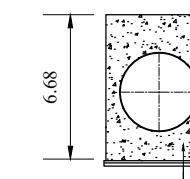
Section B-B



Anchor Block 4



Section A-A



Section B-B

**LEGENDS:**

S.N	Description	Symbol
1	Beam	—
2	Column	□

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

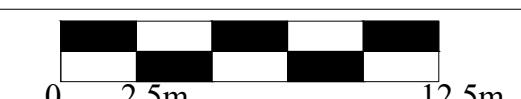
**PROJECT SUPERVISOR:**

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL  
ENGINEERING KATHMANDU  
UNIVERSITY

**DRAWING DETAIL:**

PLAN OF BEAM COLUMN ARRANGMENT

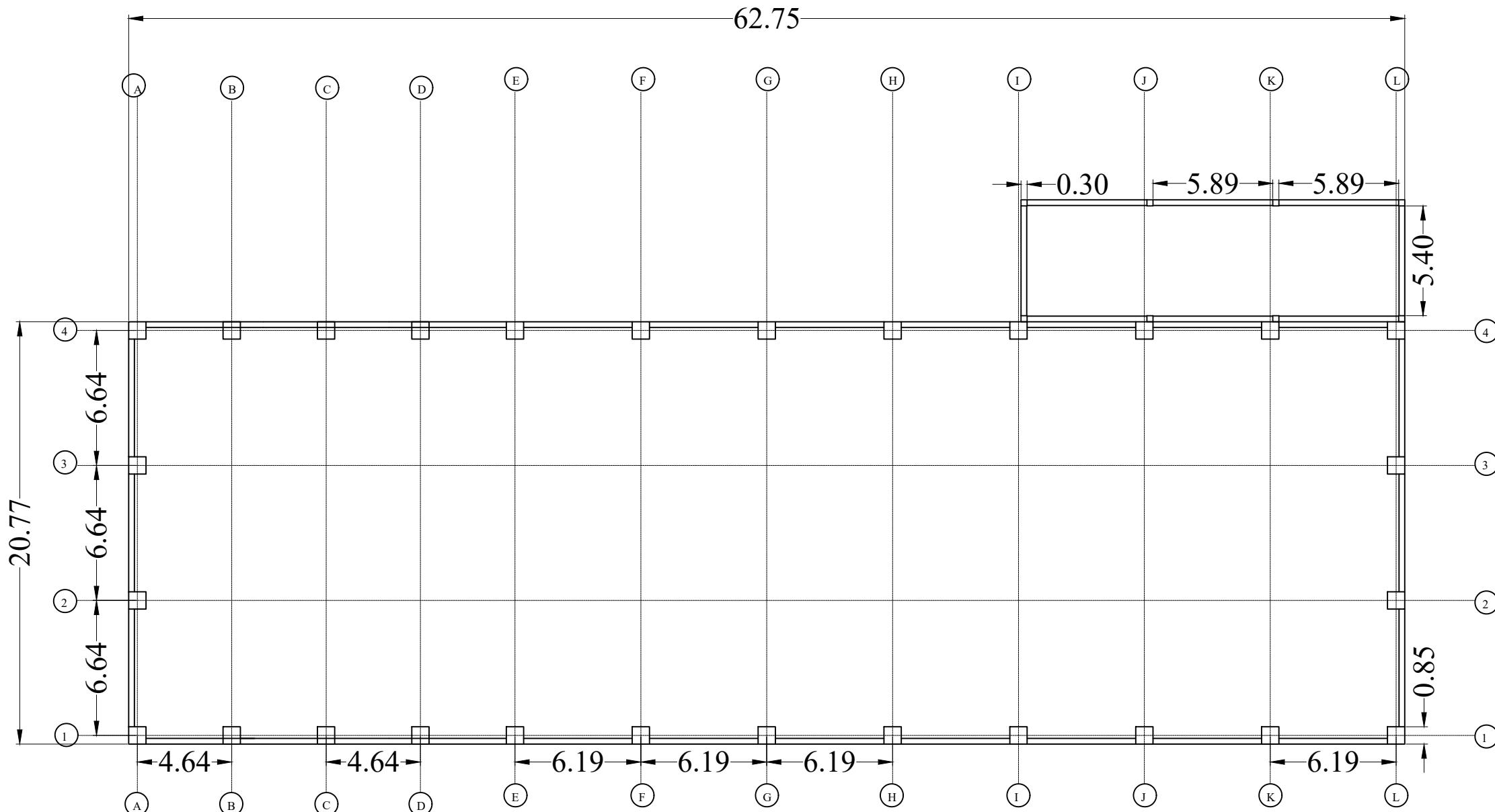
SCALE:- 1:250



GROUP:- 11

SHEET NO.:-20

DATE: 15TH , JUNE, 2025



BEAM COLUMN ARRANGEMENT

**LEGENDS:**

S.N	Description	Symbol
1	Centreline	—
2	Column	□
3	Generator	○

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

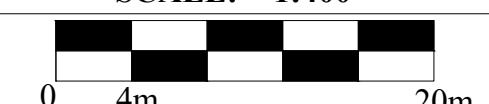
**PROJECT SUPERVISOR:**

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL  
ENGINEERING KATHMANDU  
UNIVERSITY

**DRAWING DETAIL:**

PLAN OF GENERATOR FLOOR OF  
POWERHOUSE

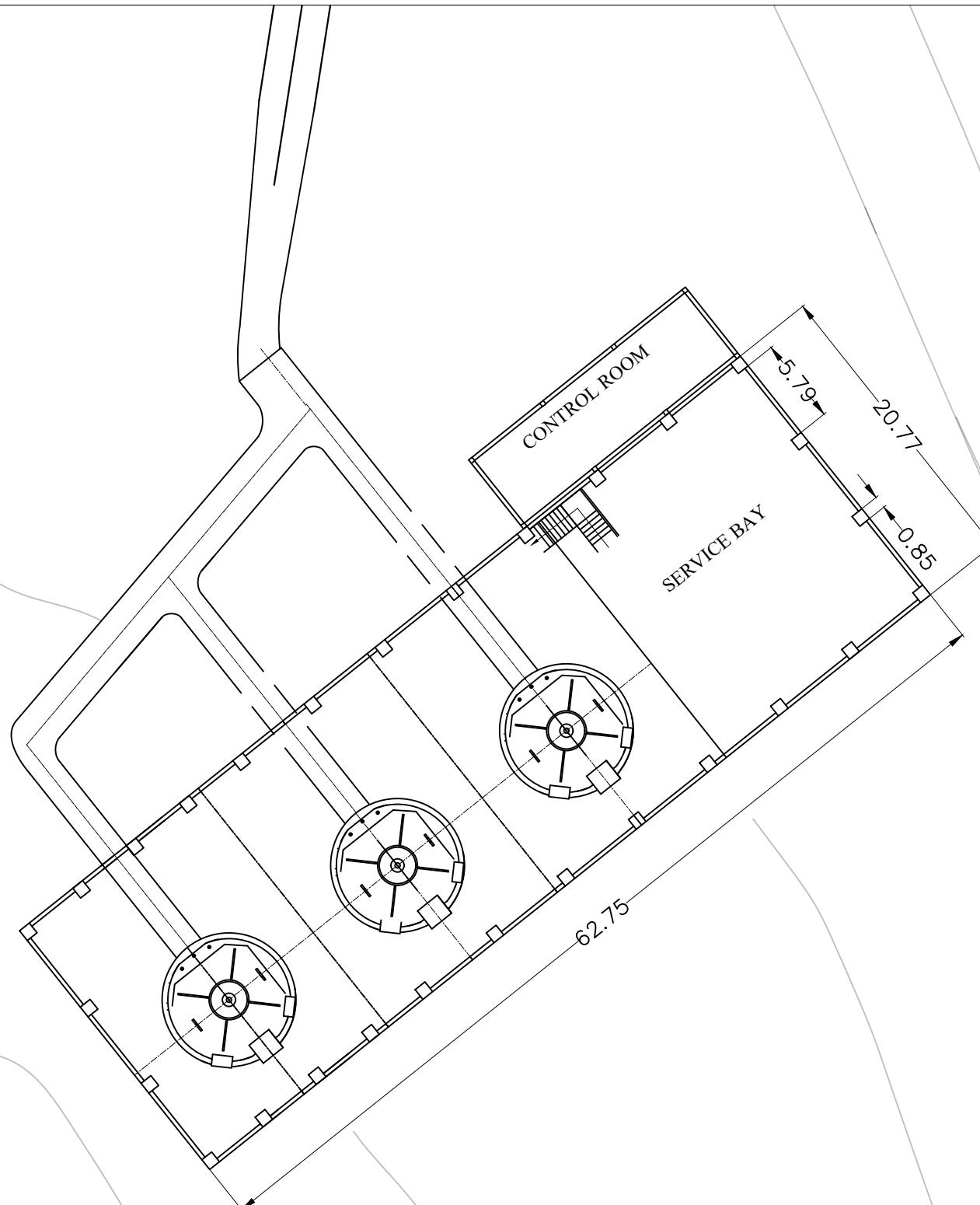
SCALE:- 1:400



GROUP:- 11

SHEET NO.:-21

DATE: 15TH, JUNE, 2025



**LEGENDS:**

S.N	Description	Symbol
1	Centre-line	—
2	Column	□
3	Turbine	●

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

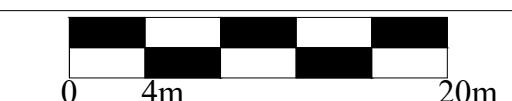
BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

**PROJECT SUPERVISOR:**

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

**DRAWING DETAIL:**

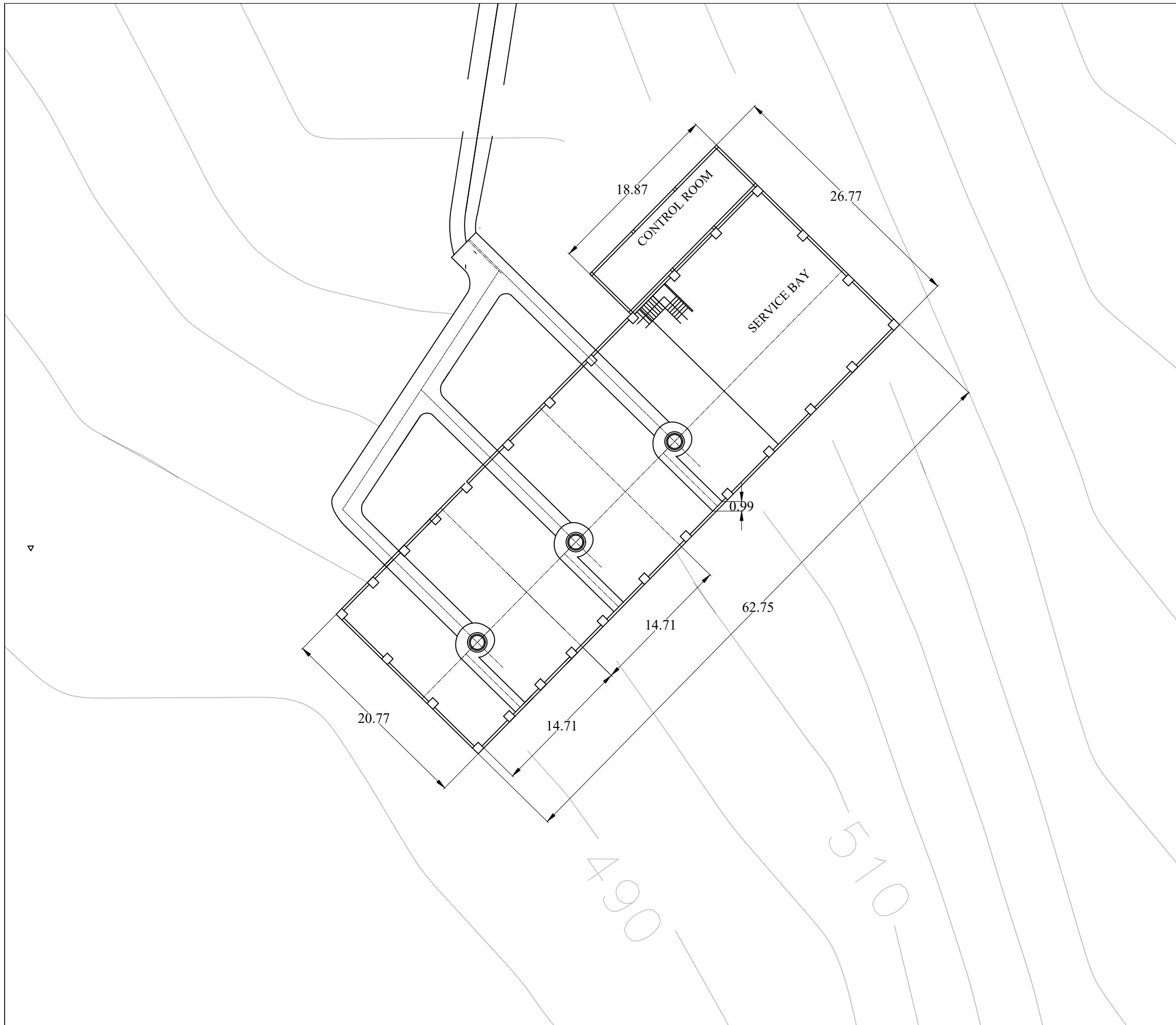
PLAN OF TURBINE FLOOR OF  
POWERHOUSE

**SCALE:- 1:400**

GROUP:- 11

SHEET NO.:-22

DATE: 14, JUNE, 2025



**LEGENDS:**

S.N	Description	Symbol
1	Section Area	---
2	Ground Profile	↖

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

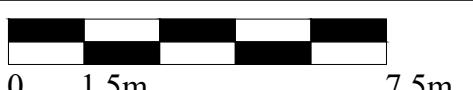
**PROJECT SUPERVISOR:**

DR. SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

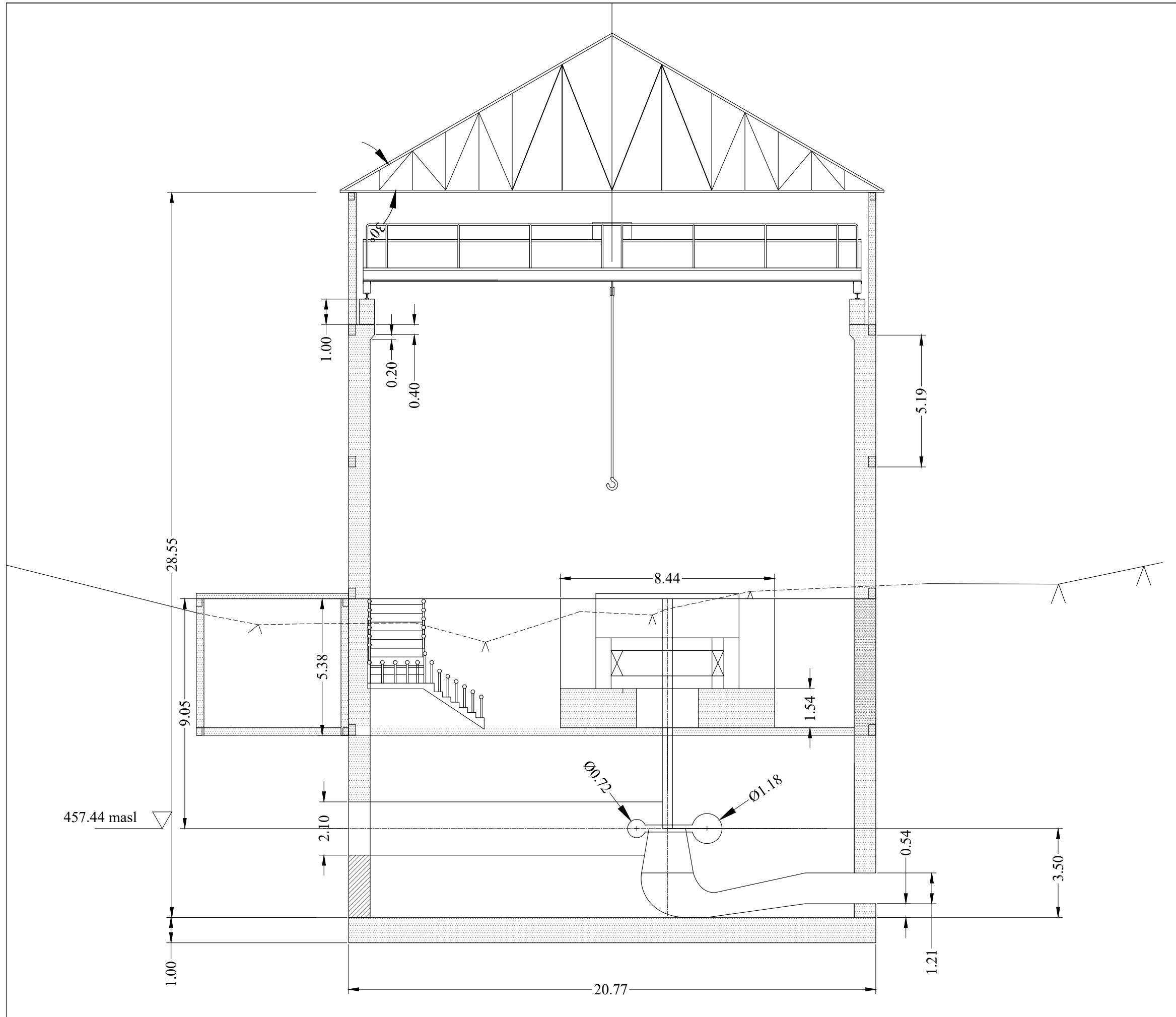
**DRAWING DETAIL:**

SECTION OF POWERHOUSE

SCALE:- 1:150



GROUP:- 11  
SHEET NO.: 23  
DATE: 14, JUNE, 2025





**LEGENDS:**

S.N	Description	Symbol
1	Concrete	
2	Centreline	-----

**PROJECT TITLE:**

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL  
: A CASE STUDY OF KABELI -A HEP

**DESIGNED BY:**

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

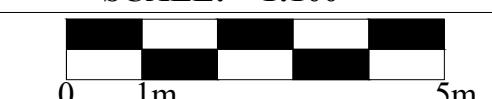
**PROJECT SUPERVISOR:**

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF  
CIVIL ENGINEERING  
KATHMANDU UNIVERSITY

**DRAWING DETAIL:**

PLAN AND SECTION OF SPIRAL CASING AND DRAFT TUBE

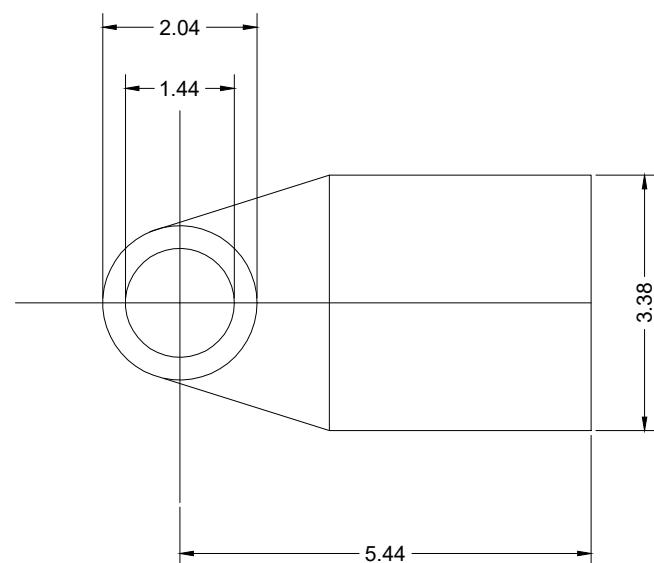
SCALE:- 1:100



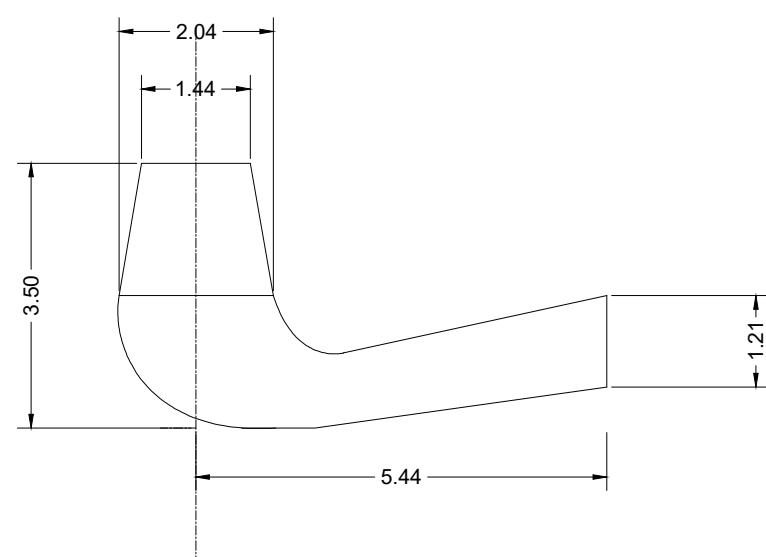
GROUP:- 11

SHEET NO.:24

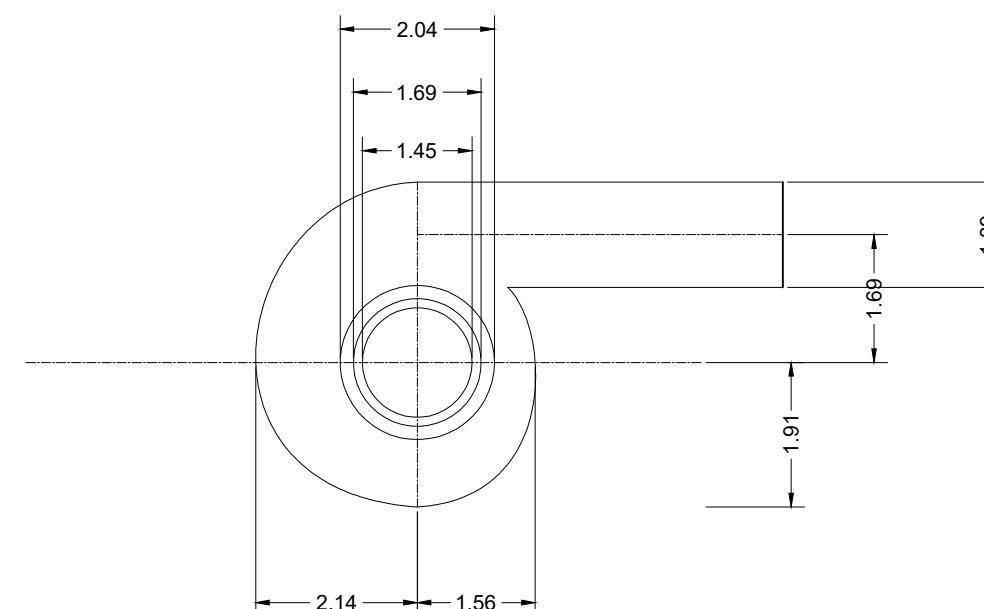
DATE: 14, JUNE, 2025



**PLAN OF DRAFT TUBE**



**SECTION OF DRAFT TUBE**



**SPIRAL CASING**



### LEGENDS:

S.N	Description	Symbol
1	Concrete	
2	Stone Pitching	
3	Blinding Concrete	

### PROJECT TITLE:

POTENTIAL STUDY OF MEDIUM HYDROPOWER PROJECT OF NEPAL : A CASE STUDY OF KABELI -A HEP

### DESIGNED BY:

BIKESH MAINALI (028062-20)  
TRISHNA PRAJAPATI (028074-20)  
SWAPNIL REGMI (028078-20)  
SARITA SAPKOTA (028084-20)  
SANDESH SHRESTHA (028090-20)

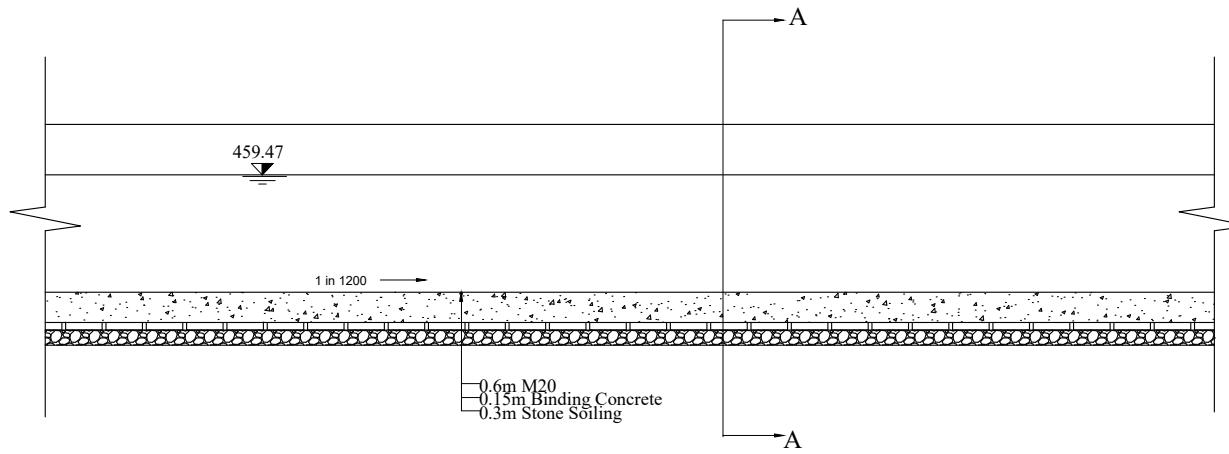
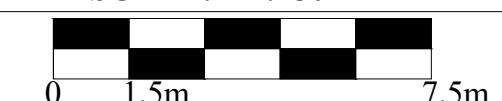
### PROJECT SUPERVISOR:

DR.SHYAM SUNDAR KHADKA  
DEPARTMENT OF CIVIL ENGINEERING KATHMANDU UNIVERSITY

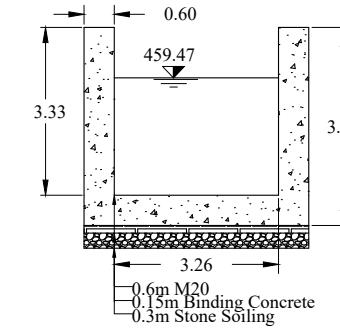
### DRAWING DETAIL:

LONGITUDINAL SECTIONS AND CROSS SECTIONS OF TAILRACE CANAL

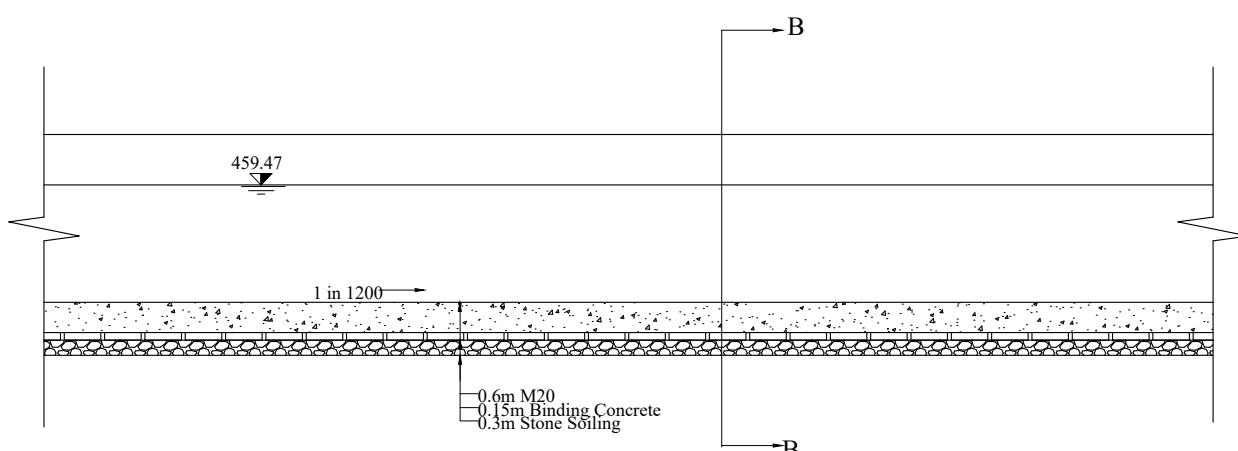
SCALE:- 1:150



LONGITUDINAL SECTION OF INDIVIDUAL TAILRACE CANAL



SECTION A-A



LONGITUDINAL SECTION OF COMBINED TAILRACE CANAL

SECTION B-B

GROUP:- 11

SHEET NO.:-25

DATE: 14, JUNE, 2025