



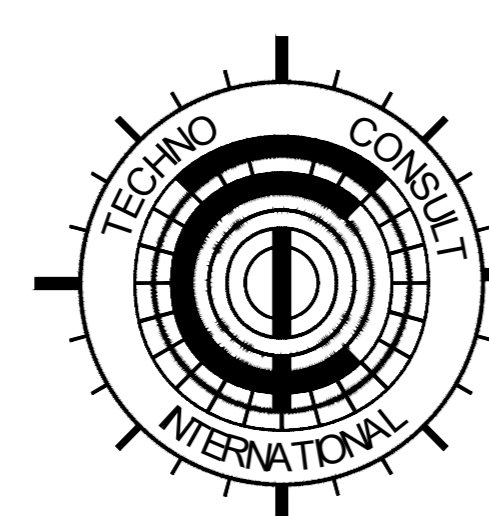
FEBRUARY 2026

PROJECT IMPLEMENTATION UNIT (PIU)
KHYBER PAKHTUNKHWA RURAL INVESTMENT AND INSTITUTIONAL SUPPORT PROJECT (KP-RIISP)
PUBLIC HEALTH ENGINEERING DEPARTMENT (PHED)
GOVERNMENT OF KHYBER PAKHTUNKHWA (GOKP)

**REHABILITATION OF EXISTING DRINKING
WATER SUPPLY SCHEMES
PEKHAORO NAWAGAI 1, TEHSIL NAWAGAI
DISTRICT BAJAUR**

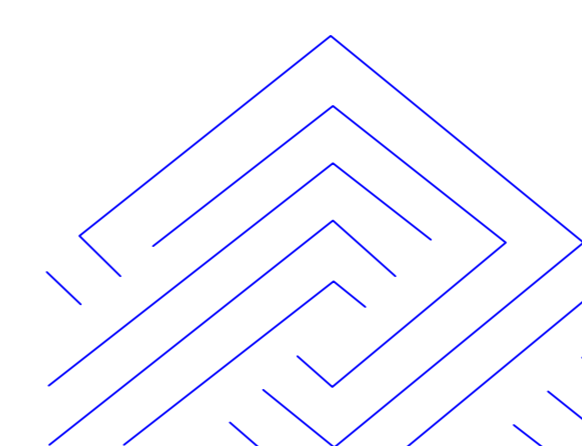
RFB No. BJ-CW-R-05

B I D D R A W I N G S



**Techno-Consult
International**

JV



Ultimate
Engineering
Consultants
New Era of Development

LIST OF DRAWINGS

LOCATION PLAN

NO.	DRAWING NO.	TITLE
1	KPR/REH/BJ-CW-R-05	LOCATION PLAN

WATER COMPONENT (REHABILITATION)

LAYOUT MAPS

NO.	DRAWING NO.	TITLE
1	KPR/REH/BJD-2021	LAYOUT MAP (DWSS PEKHAORO NAWAGAI-1)

ARCHITECTURAL & STRUCTURAL DRAWINGS

CHAMBER ROOM DRAWINGS

NO.	DRAWING NO.	TITLE
1	KPR/REH/BJD/-2103	CHAMBER ROOM PLAN & ELEVATION
2	KPR/REH/BJD/-2104	CHAMBER ROOM DETAILS
3	KPR/REH/BJD/-2105	CHAMBER ROOM DETAILS
4	KPR/REH/BJD/-2106	REINFORCEMENT DETAILS

VALVE CHAMBER DRAWINGS

1	KPR/REH/BJD-2107	PLAN & SECTION
---	------------------	----------------

CLIENT :

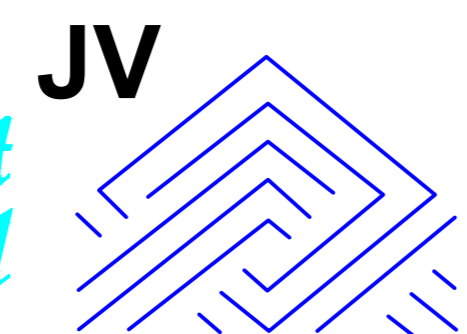


PUBLIC HEALTH
ENGINEERING DEPARTMENT
KHYBER PAKHTUNKHWA

CONSULTANT:



Techno-Consult
International



Ultimate
Engineering
Consultants
New Era of Development

PROJECT:

KPRIISP - DESIGN REVIEW AND
CONSTRUCTION SUPERVISION FOR
WATER SUPPLY, SEWERAGE, DRAINAGE
AND WASTE WATER TREATMENT
PROJECT IN NEWLY MERGED DISTRICTS
OF KHYBER PAKHTUNKHWA

DRAWING TITLE :

LIST OF DRAWING

Designed By : Dr. ASFAHAN ALI

Date : FEB 2026

Drawn By : NAEEM BAKHSH

Scale : N.T.S

Checked By : RABEEA REHMAN

Drawing No :

Approved By : RABEEA REHMAN

No.

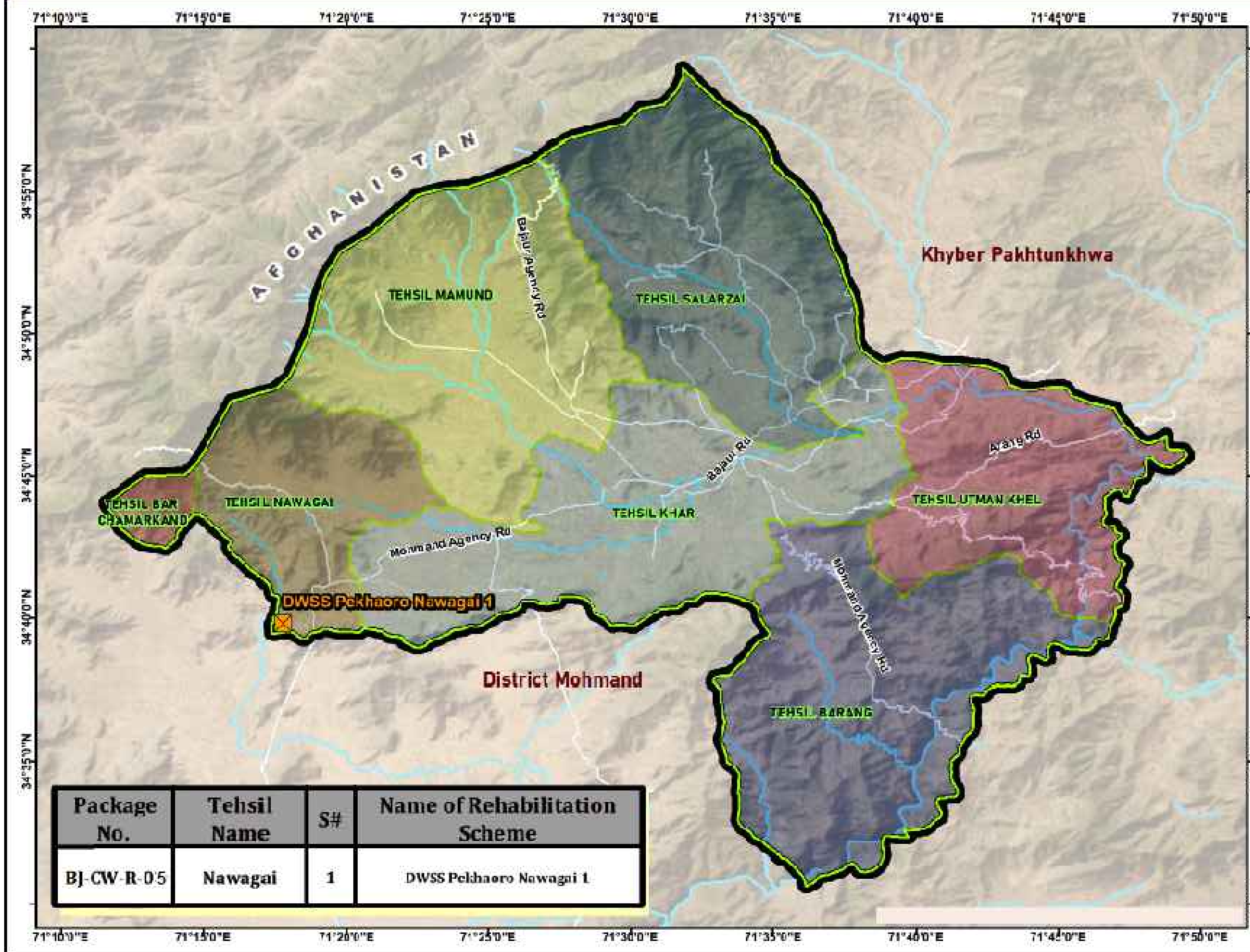
Revision

By

Date

DWSS REHABILITATION GOVERNMENT SCHEMES

CIVIL WORKS PACKAGE NO - BJ-CW-R-05, NAWAGAI - DISTRICT BAJAUR



Legend :

- BJ-CW-R-05 Schemes
- District Boundary
- Tehsil Boundary
- Road Network
- River / Water Ways

Scale :

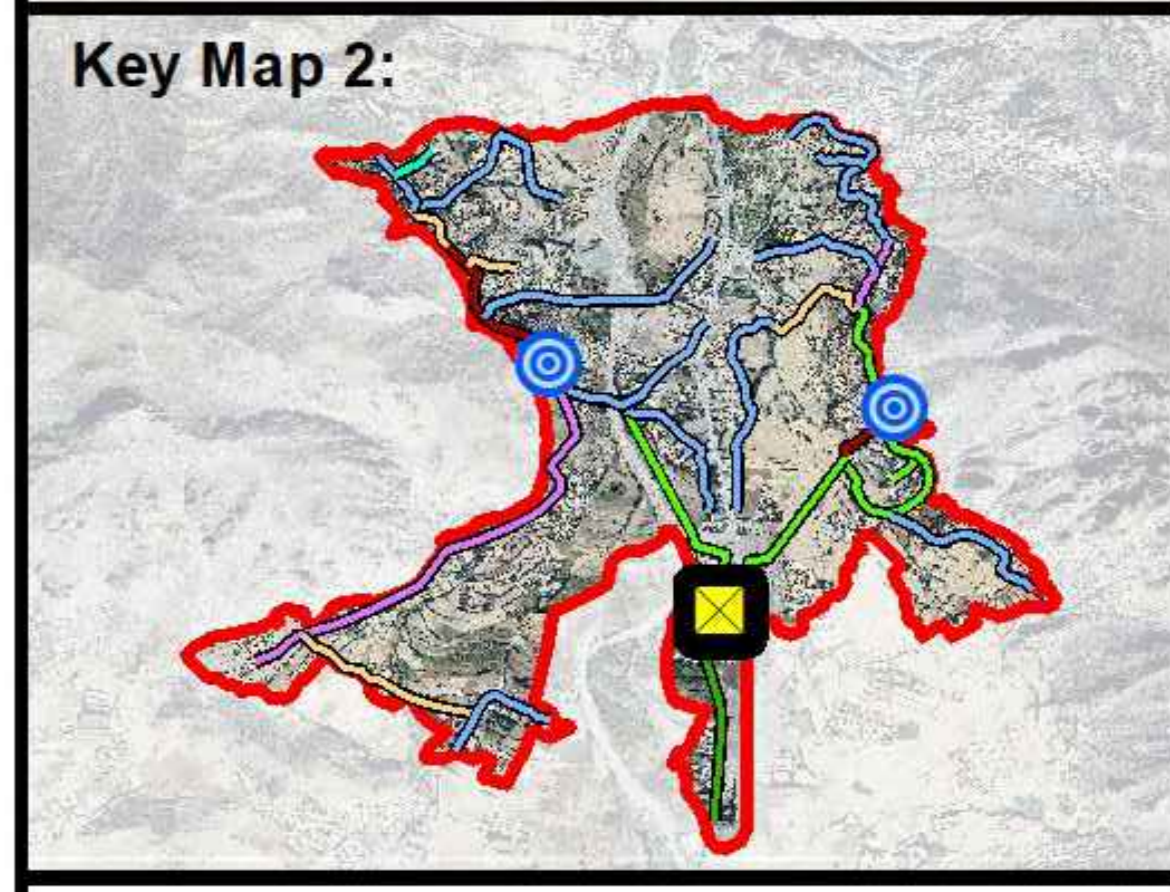
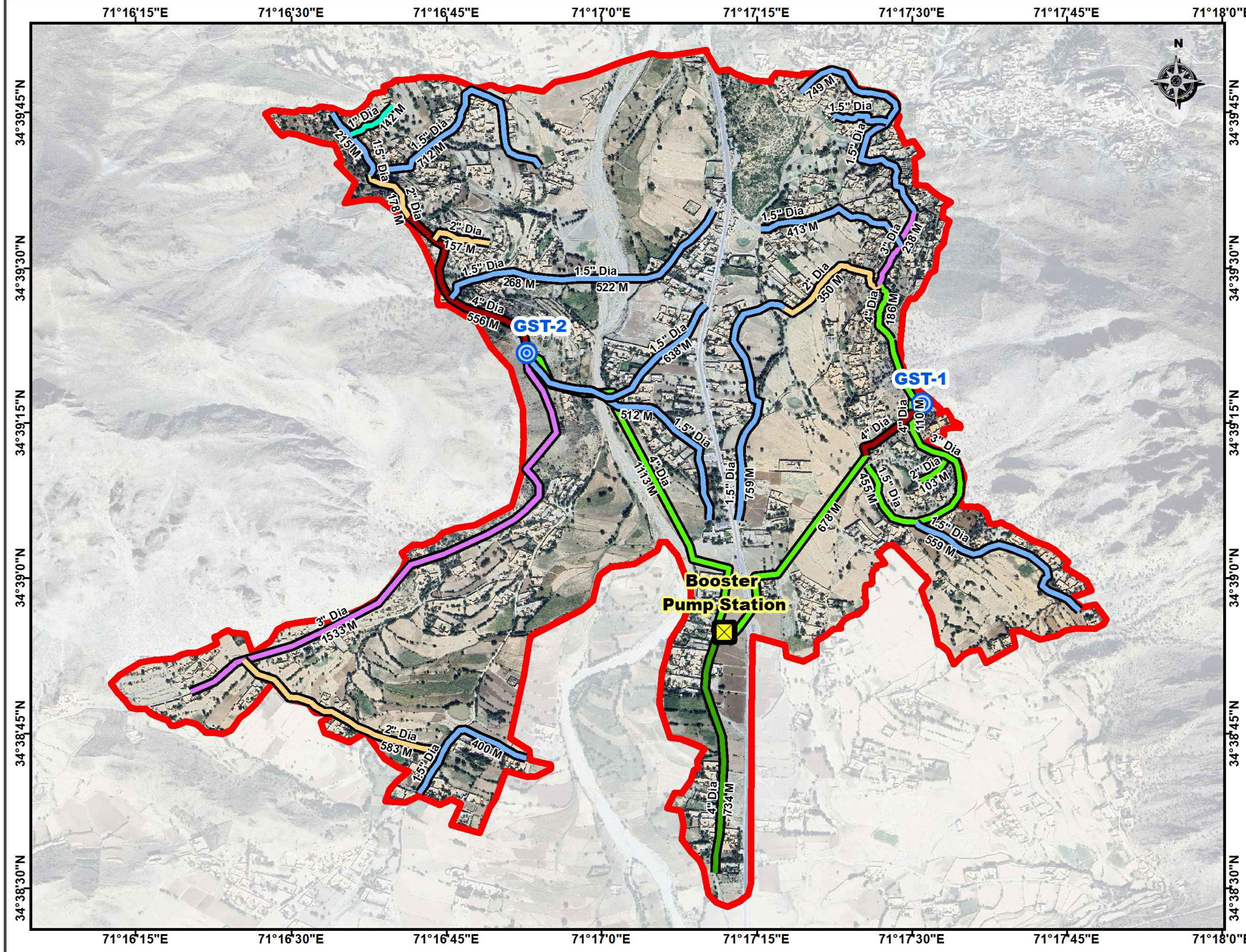
0 2.75 5.5 11 Km

Consultants :

Package No.	Tehsil Name	S#	Name of Rehabilitation Scheme
BJ-CW-R-05	Nawagai	1	DWSS Pckhaoro Nawagai 1

<p>CLIENT :</p> <p style="text-align: center;">PUBLIC HEALTH ENGINEERING DEPARTMENT KHYBER PAKHTUNKHWA</p>	<p>CONSULTANT:</p>	<p>PROJECT:</p> <p>KPRIISP - DESIGN REVIEW AND CONSTRUCTION SUPERVISION FOR WATER SUPPLY, SEWERAGE, DRAINAGE AND WASTE WATER TREATMENT PROJECT IN NEWLY MERGED DISTRICTS OF KHYBER PAKHTUNKHWA</p>	<p>DRAWING TITLE :</p> <p style="text-align: center;">LOCATION PLAN</p>	<p>Designed By : Dr. ASFAHAN ALI</p> <p>Drawn By : NAEEM BAKHSH</p> <p>Checked By : RABEEA REHMAN</p> <p>Approved By : RABEEA REHMAN</p>	<p>Date : FEB 2026</p> <p>Scale : N.T.S</p> <p>Drawing No : KPR/REH/BJ-CW-R-05</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Revision	By	Date												
No.	Revision	By	Date																			

Distribution Network Layout DWSS Pekhaoro Nawagai 1 Rehabilitation Scheme - District Bajaur



Legend :

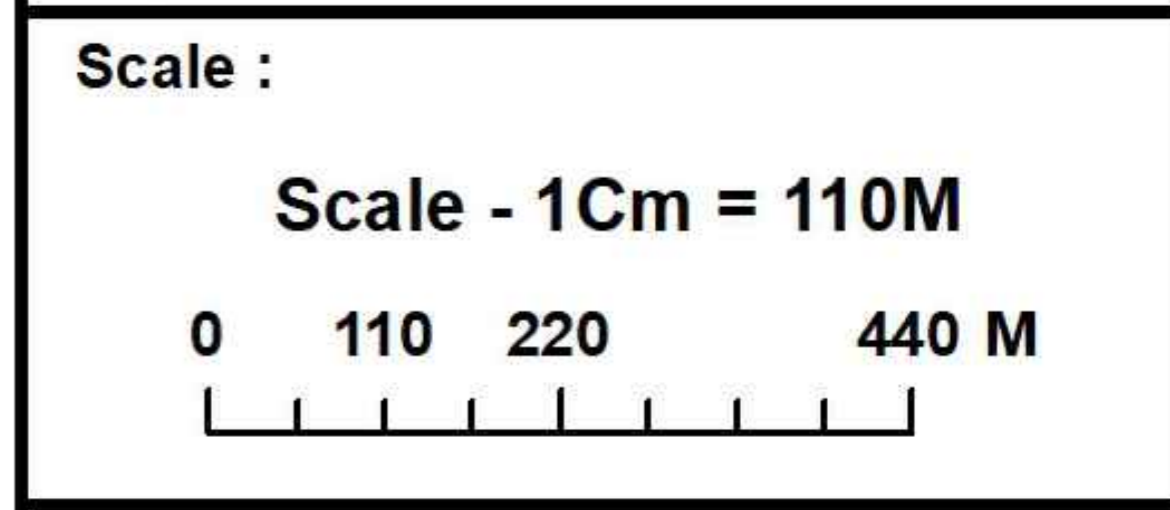
- Booster Pump Station
- Ground Surface Tank (GST)

Replacement Pipeline

- 1" Dia GI
- 1.5" Dia GI
- 2" Dia GI
- 3" Dia GI
- 4" Dia GI

Existing Pipeline

- 1.5", 2", 3", 4" Dia GI
- 4" Dia HDPE
- Pekhaoro Nawagai 1 Boundary

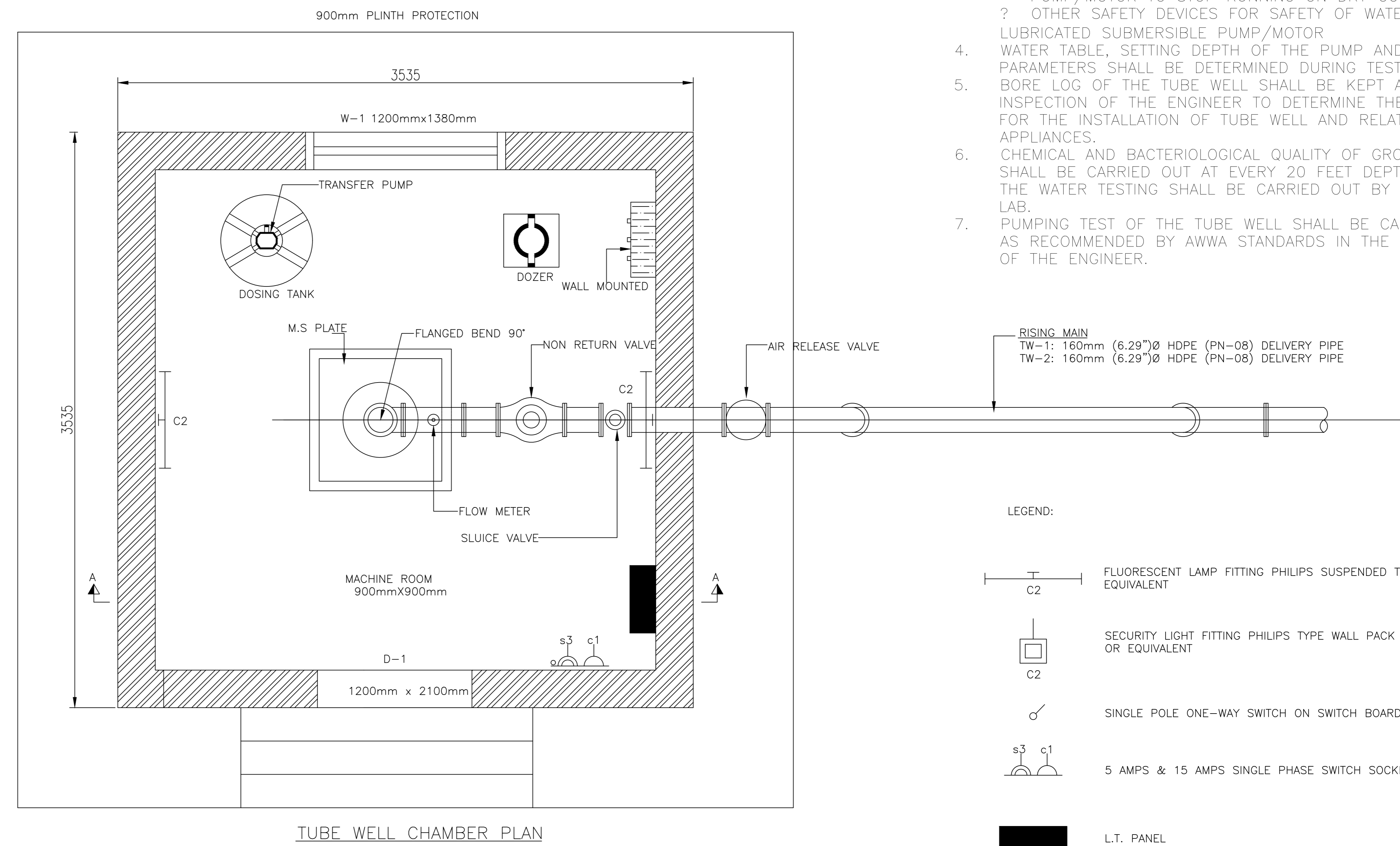
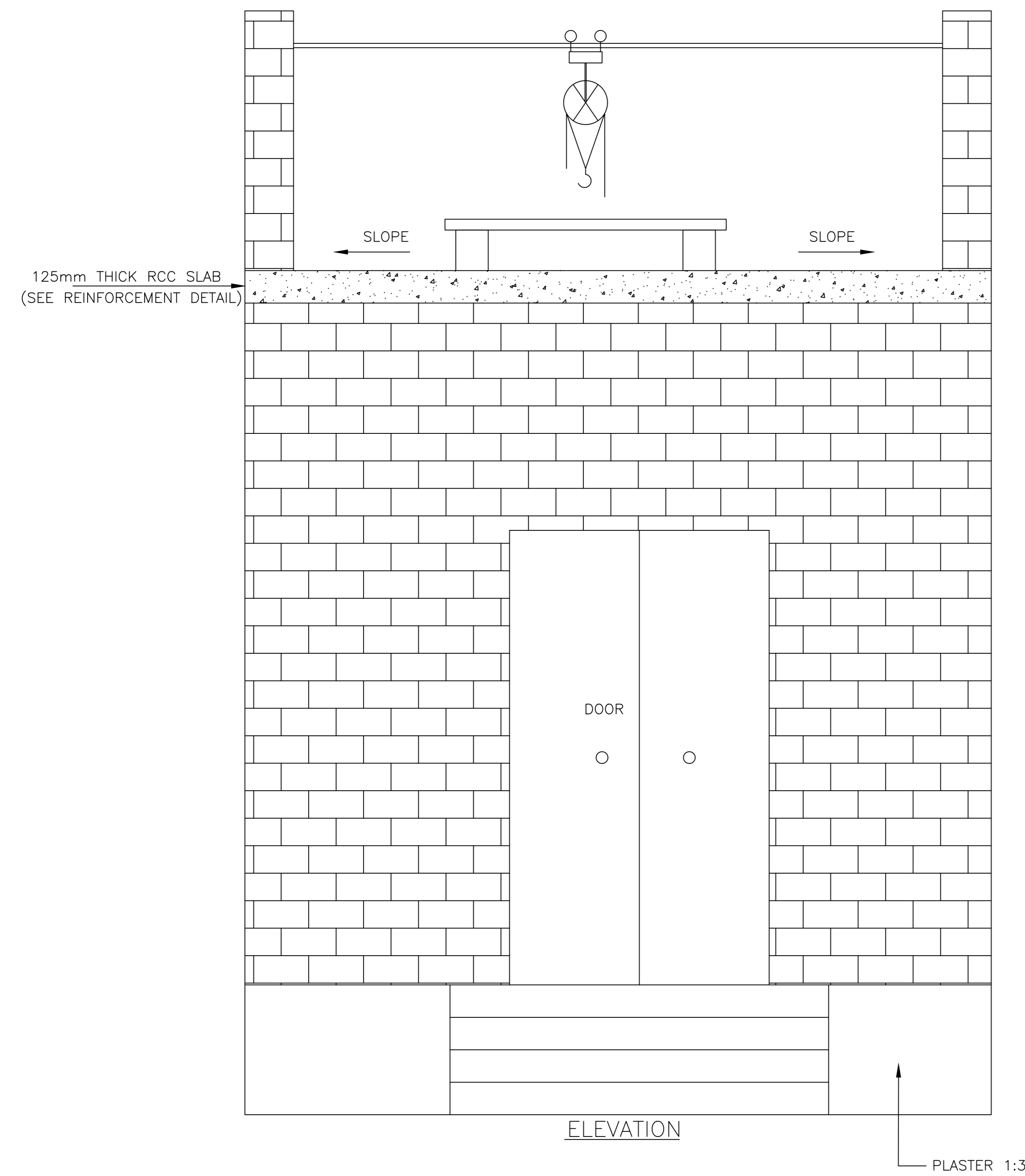


Consultants :

Ultimate
Engineering
Consultants
New Era of Development

<p>CLIENT :</p> <p style="text-align: center;">PUBLIC HEALTH ENGINEERING DEPARTMENT KHYBER PAKHTUNKHWA</p>	<p>CONSULTANT:</p> <p style="text-align: center;">JV Techno-Consult International Ultimate Engineering Consultants <small>New Era of Development</small></p>	<p>PROJECT:</p> <p>KPRIISP - DESIGN REVIEW AND CONSTRUCTION SUPERVISION FOR WATER SUPPLY, SEWERAGE, DRAINAGE AND WASTE WATER TREATMENT PROJECT IN NEWLY MERGED DISTRICTS OF KHYBER PAKHTUNKHWA</p>	<p>DRAWING TITLE :</p> <p style="text-align: center;">WATER COMP. LAYOUT MAP</p> <p style="text-align: center;">DWSS PEKHAORO NAWAGAI-1</p>	<p>Designed By : Dr. ASFAHAN ALI</p> <p>Drawn By : NAEEM BAKHSH</p> <p>Checked By : RABEEA REHMAN</p> <p>Approved By : RABEEA REHMAN</p>	<p>Date : FEB 2026</p> <p>Scale : N.T.S</p> <p>Drawing No : KPR/REH/BJD-2021</p>		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	No.	Revision	By	Date												
No.	Revision	By	Date																				

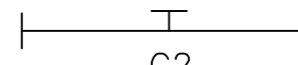
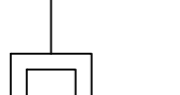
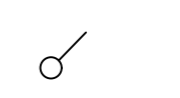
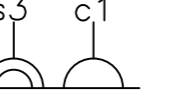

CHAMBER ROOM

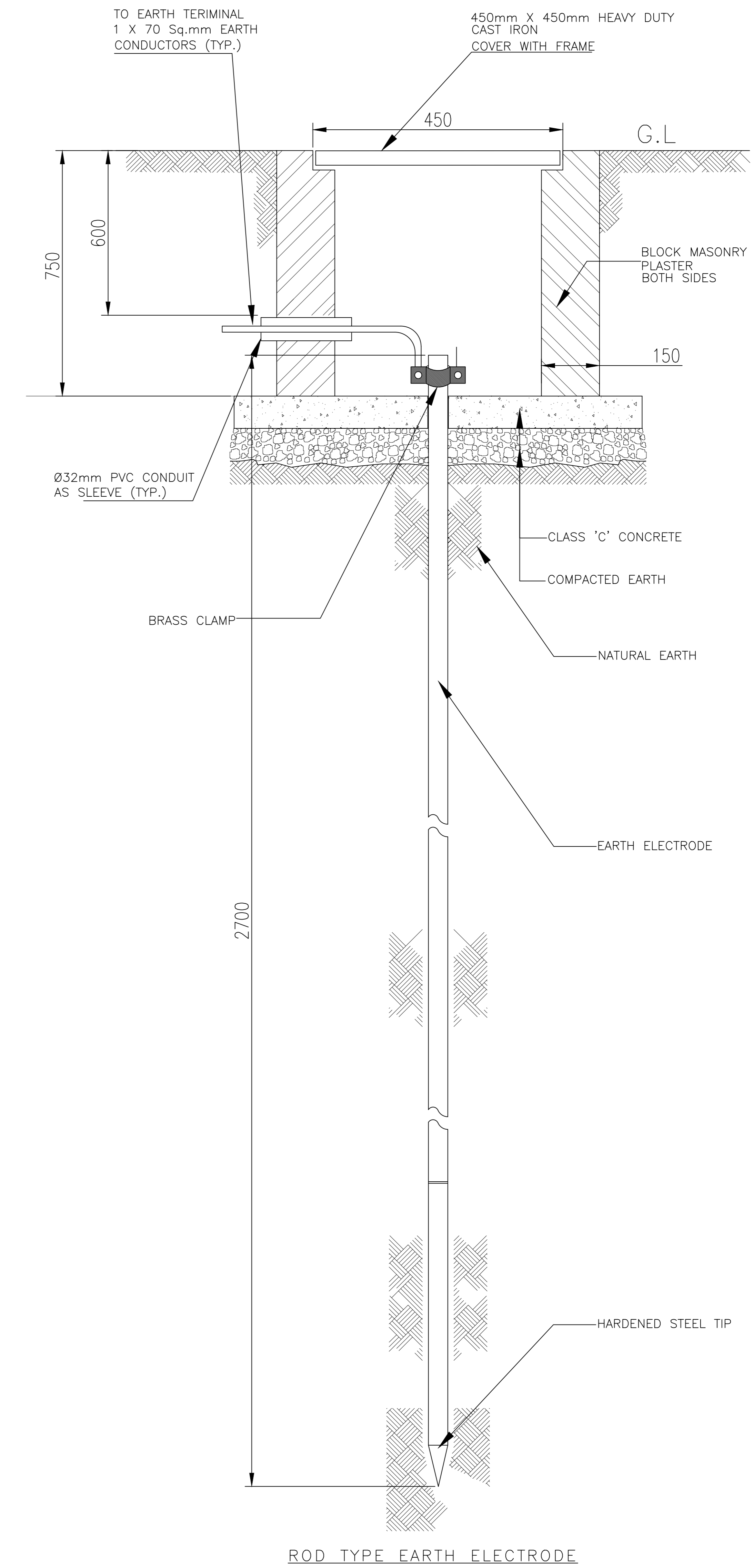
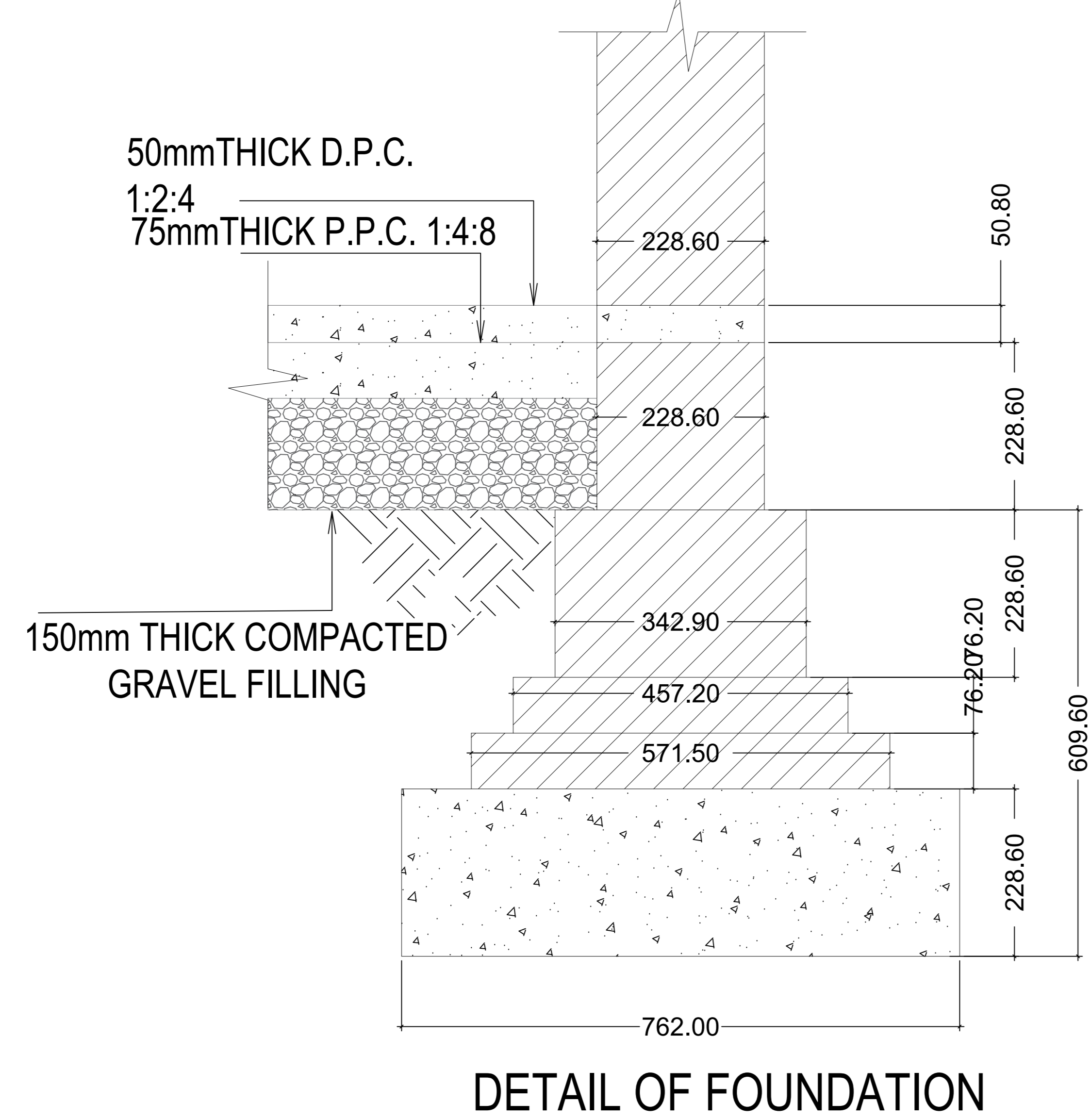
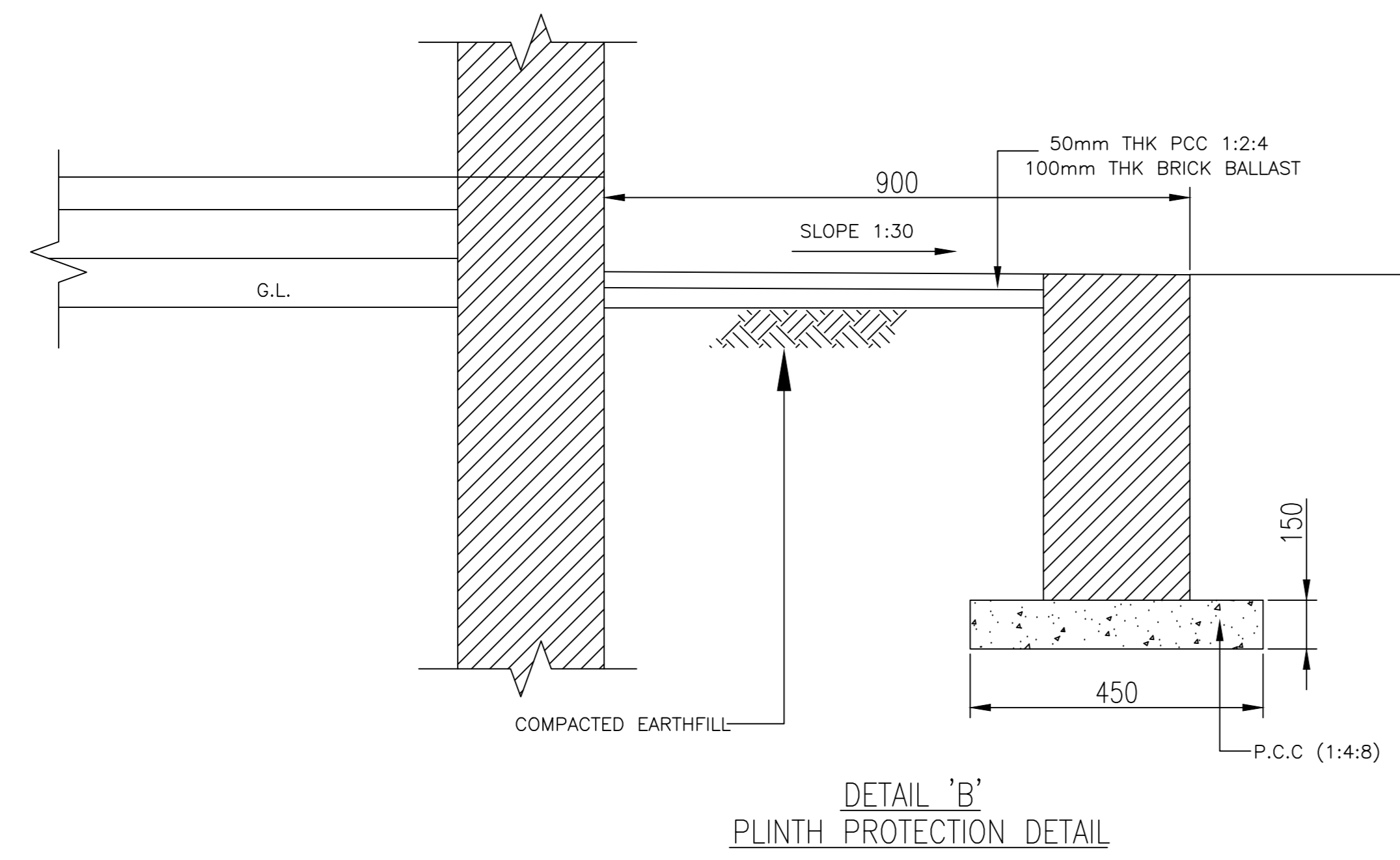
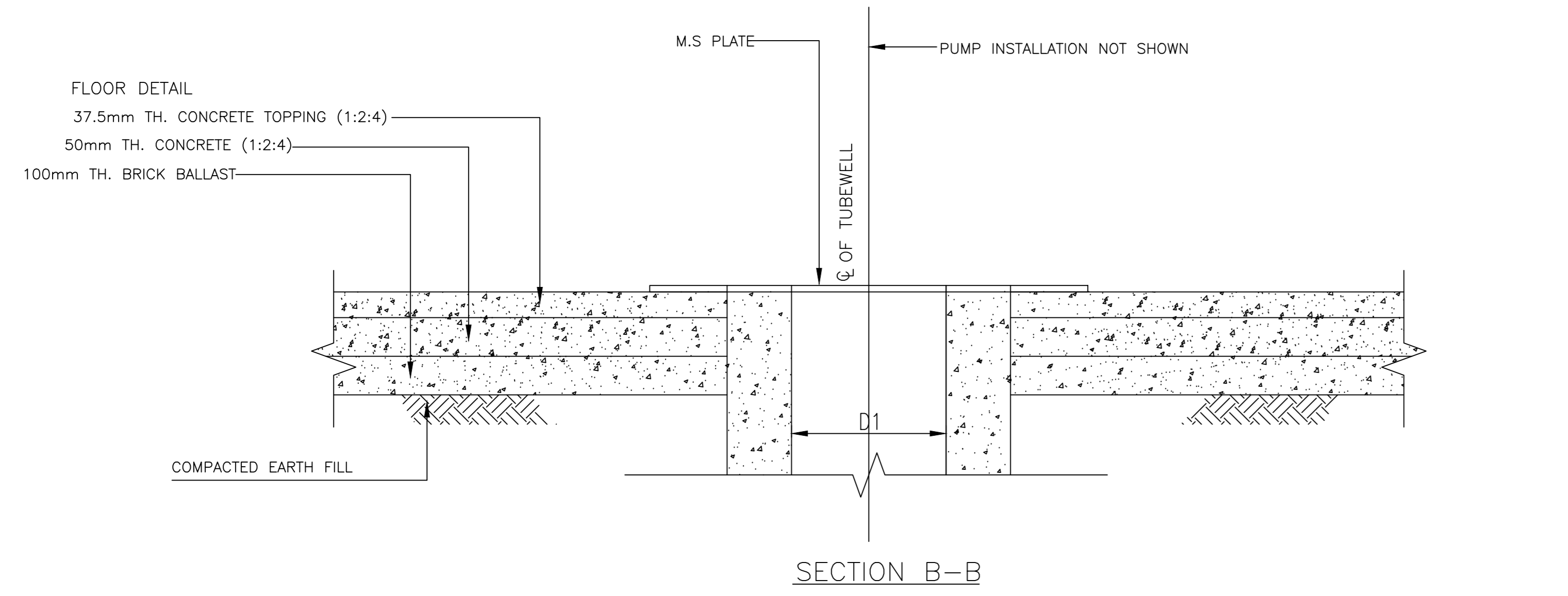



NOTES:


1. ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE NOTED.
2. ALL TUBE WELL EQUIPMENT SHALL BE APPROVED BY THE ENGINEER PRIOR TO PROCUREMENT AND COMMENCEMENT OF WORKS.
3. WATER LUBRICATED SUBMERSIBLE PUMP/MOTOR SHALL BE EQUIPPED WITH THE FOLLOWING SAFETY DEVICES.
? ANTI SINGLE PHASE DEVICE
? NO VOLT RELEASE
? SHUT DOWN DEVICES OF WATER LUBRICATED PUMP/MOTOR TO STOP RUNNING ON DRY CONDITIONS.
? OTHER SAFETY DEVICES FOR SAFETY OF WATER LUBRICATED SUBMERSIBLE PUMP/MOTOR
4. WATER TABLE, SETTING DEPTH OF THE PUMP AND RELATED PARAMETERS SHALL BE DETERMINED DURING TEST BORE.
5. BORE LOG OF THE TUBE WELL SHALL BE KEPT AT SITE FOR INSPECTION OF THE ENGINEER TO DETERMINE THE LOCATION FOR THE INSTALLATION OF TUBE WELL AND RELATED APPLIANCES.
6. CHEMICAL AND BACTERIOLOGICAL QUALITY OF GROUND WATER SHALL BE CARRIED OUT AT EVERY 20 FEET DEPTH INTERVAL. THE WATER TESTING SHALL BE CARRIED OUT BY AUTHORIZED LAB.
7. PUMPING TEST OF THE TUBE WELL SHALL BE CARRIED OUT AS RECOMMENDED BY AWWA STANDARDS IN THE PRESENCE OF THE ENGINEER.

LEGEND:

-  C2 FLUORESCENT LAMP FITTING PHILIPS SUSPENDED TYPE GKD-140 OR EQUIVALENT
-  C2 SECURITY LIGHT FITTING PHILIPS TYPE WALL PACK / SON-70W CLASSIFICATION IP-55 OR EQUIVALENT
-  SINGLE POLE ONE-WAY SWITCH ON SWITCH BOARD
-  s3 c1 5 AMPS & 15 AMPS SINGLE PHASE SWITCH SOCKET SIDE BY SIDE AT 250 mm FROM FFI
-  L.T. PANEL
- s3 (s) STAND FOR SWITCH (3) FOR NO OF SWITCHES



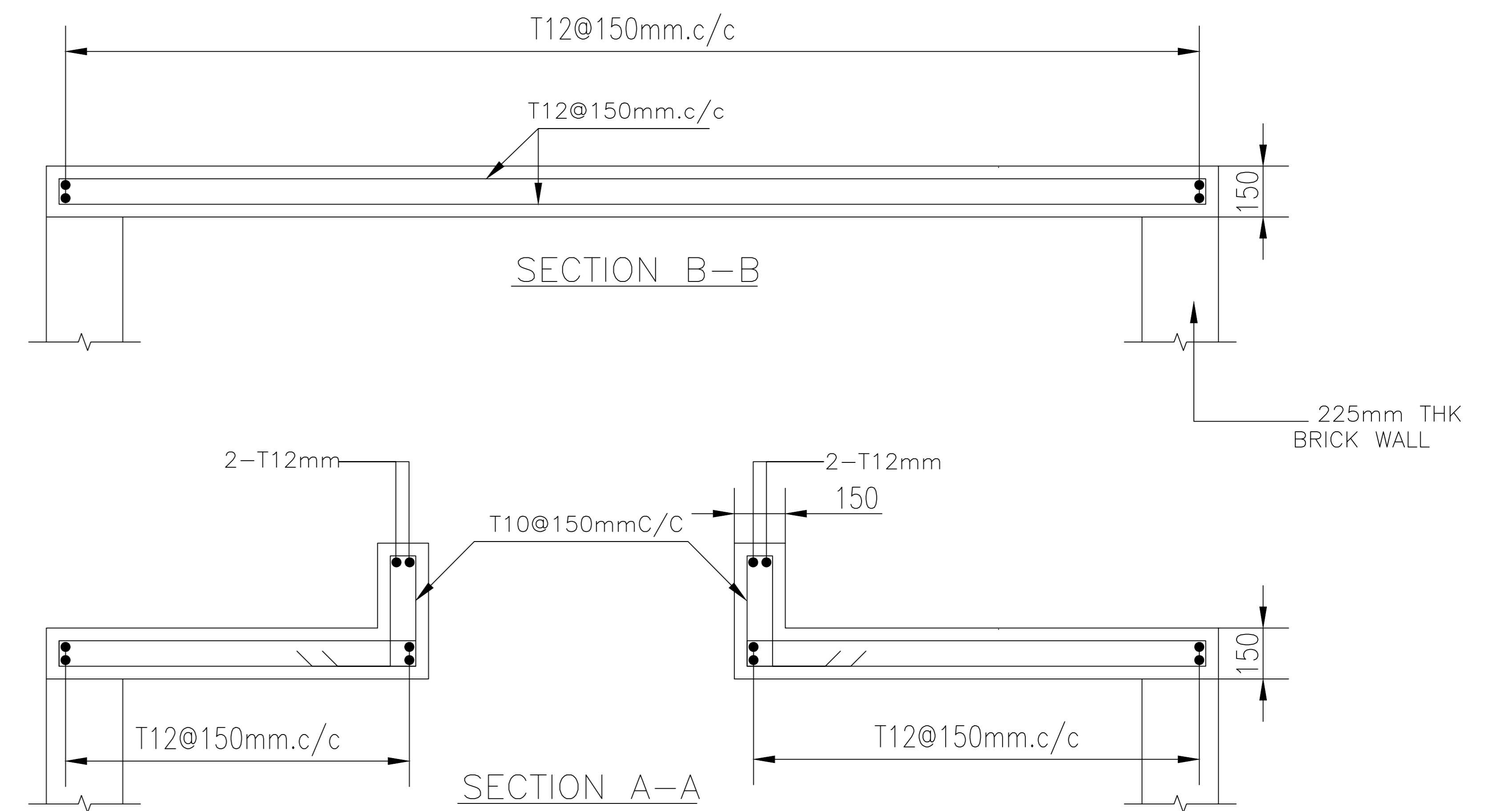
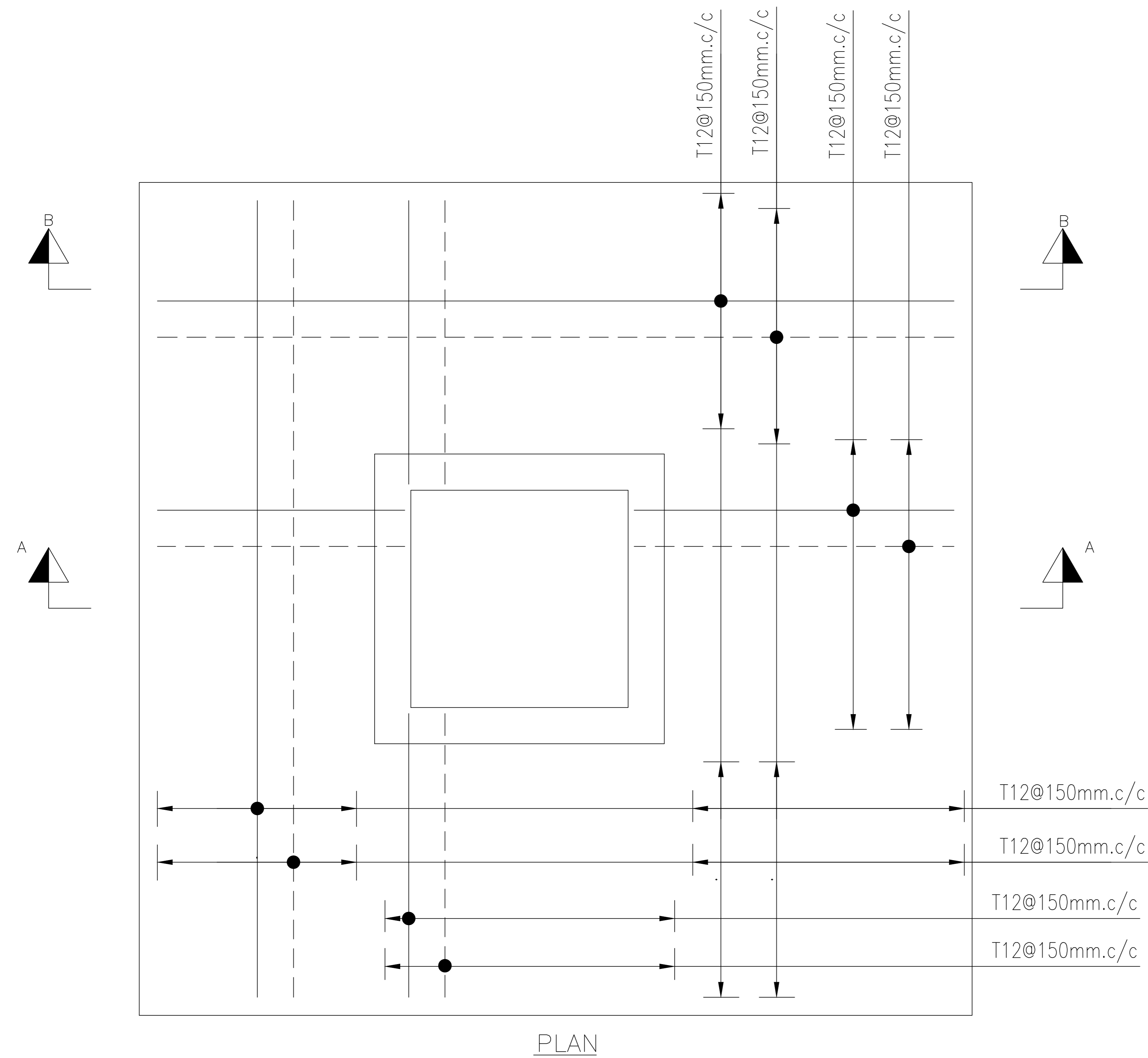
CLIENT :

**PUBLIC HEALTH ENGINEERING
 DEPARTMENT KHYBER
 PAKHTUNKHWA**


CONSULTANT:

**Techno-Consult
 International** **JV**
**Ultimate
 Engineering
 Consultants**
 New Era of Development

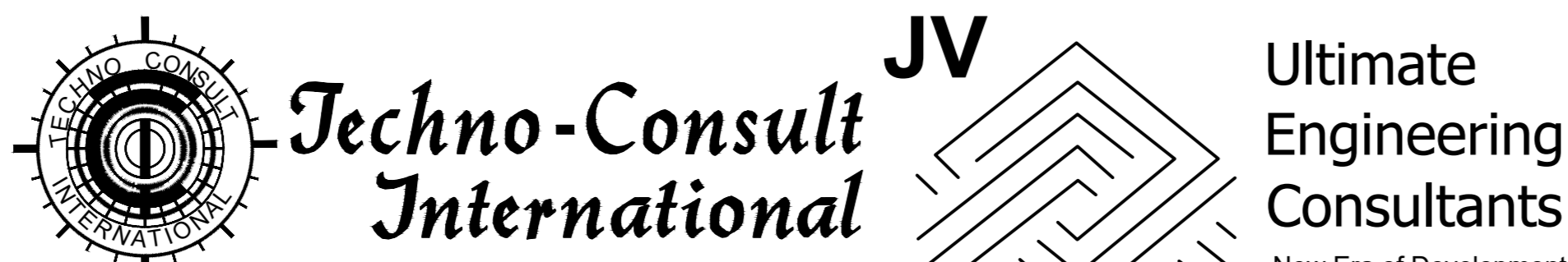
PROJECT:
 KPRIISP - DESIGN REVIEW AND CONSTRUCTION
 SUPERVISION FOR WATER SUPPLY, SEWERAGE,
 DRAINAGE AND WASTE WATER TREATMENT
 PROJECT IN NEWLY MERGED DISTRICTS OF
 KHYBER PAKHTUNKHWA

DRAWING TITLE :
 EXISTING REHAB SCHEMES
 DISTRICT BAJAUR
 CHAMBER ROOM DETAILS

Designed By :	Date :	No.	Revision	By	Date
Dr. ASFAHAN ALI	FEB 2026				
Drawn By :	Scale :				
NAEEM BAKHSH	N.T.S				
Checked By :	Drawing No :				
RABEEA REHMAN	KPR/REH/BJD/-2105				
Approved By :					
RABEEA REHMAN					



CLIENT :

**PUBLIC HEALTH ENGINEERING
 DEPARTMENT KHYBER
 PAKHTUNKHWA**

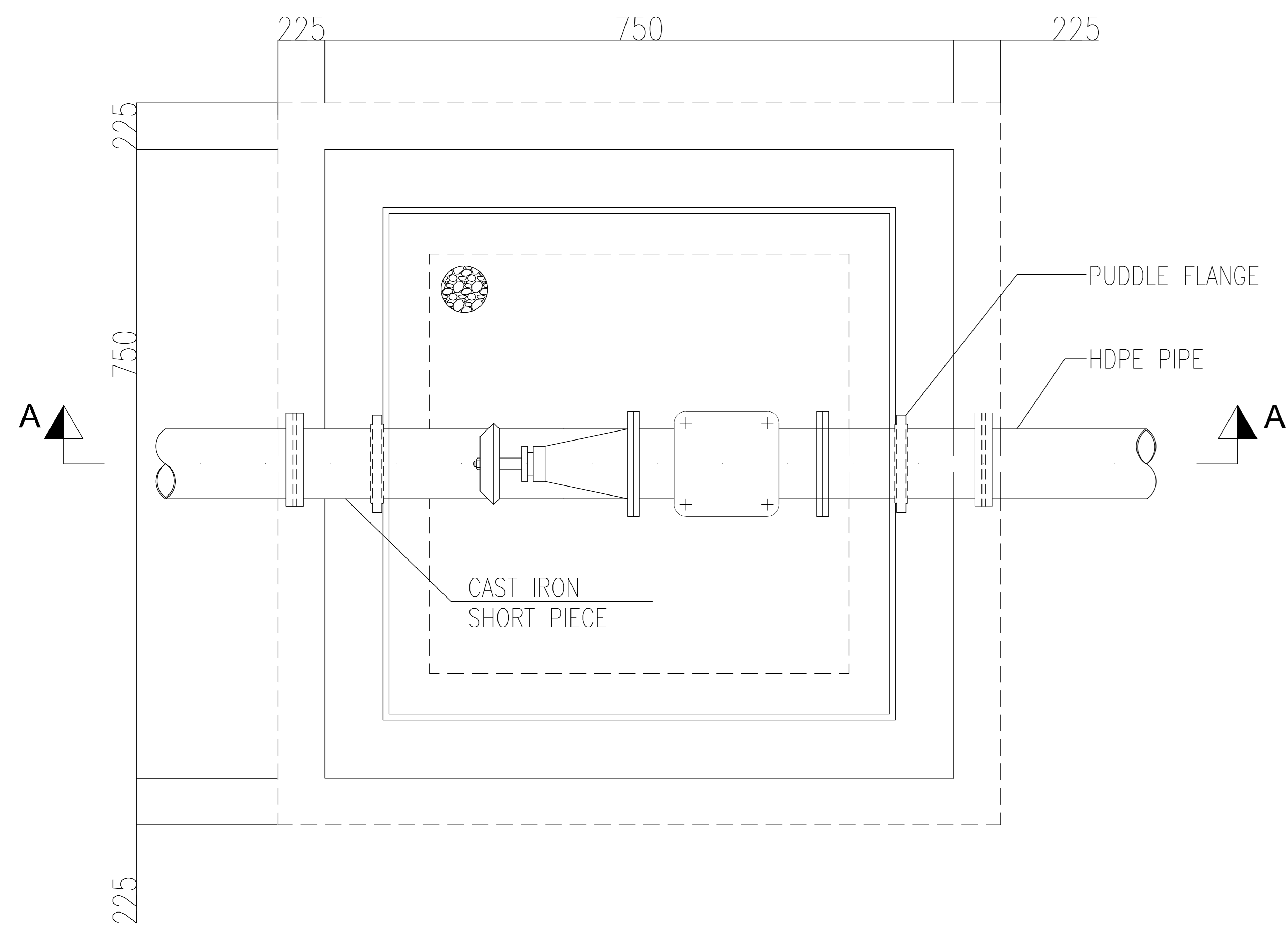
CONSULTANT:

**Techno-Consult
 International** **JV**
**Ultimate
 Engineering
 Consultants**
 New Era of Development

PROJECT:
 KPRIISP - DESIGN REVIEW AND CONSTRUCTION
 SUPERVISION FOR WATER SUPPLY, SEWERAGE,
 DRAINAGE AND WASTE WATER TREATMENT
 PROJECT IN NEWLY MERGED DISTRICTS OF
 KHYBER PAKHTUNKHWA

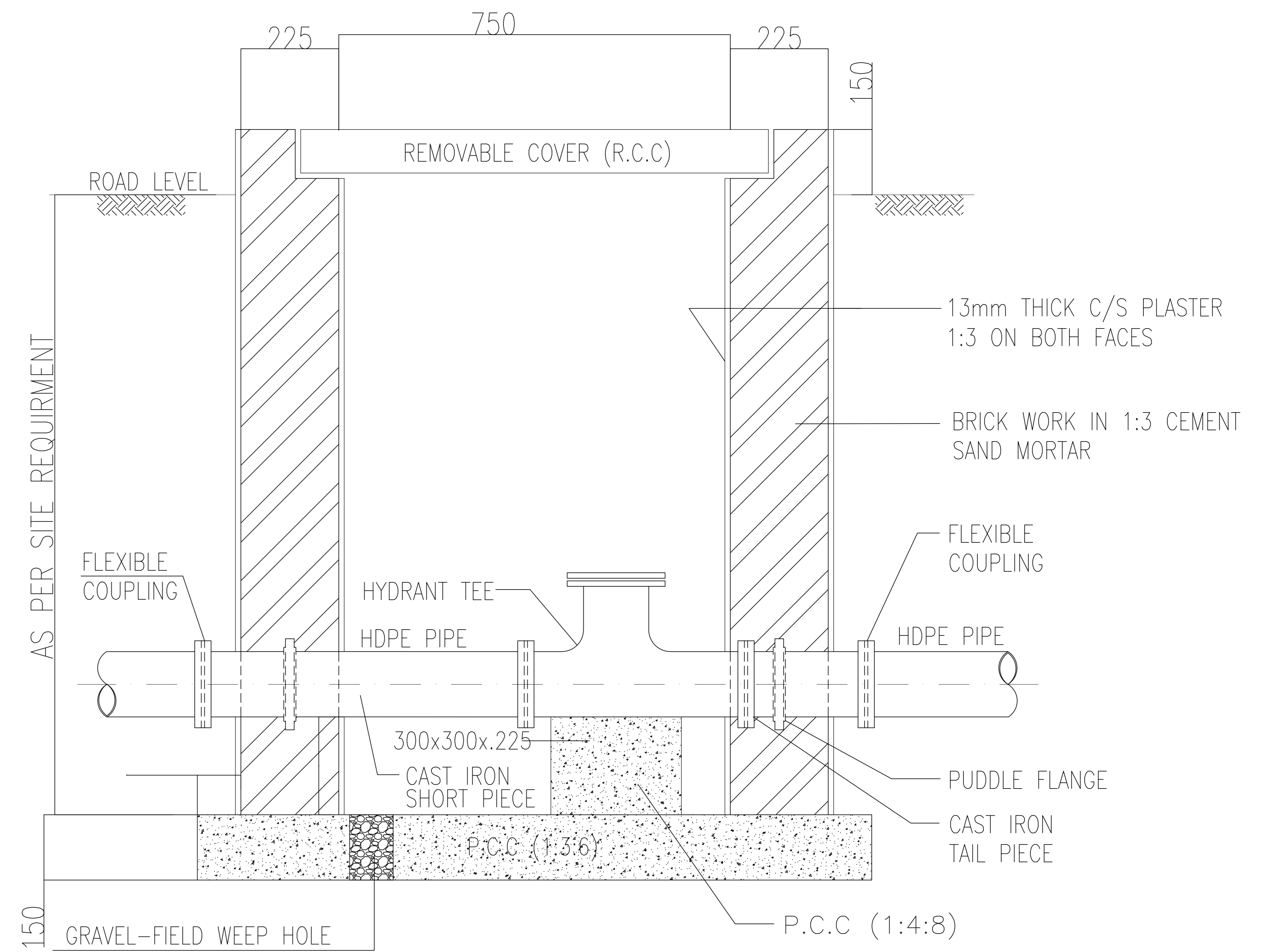
DRAWING TITLE :
 EXISTING REHAB SCHEMES
 DISTRICT BAJAUR
 CHAMBER ROOM
 REINFORCEMENT DETAILS

Designed By : Dr. ASFAHAN ALI	Date : FEB 2026	No.	Revision	By	Date
Drawn By : NAEEM BAKHSH	Scale : N.T.S				
Checked By : RABEEA REHMAN	Drawing No :				
Approved By : RABEEA REHMAN	KPR/REH/BJD/-2106				


VALVE CHAMBER




SECTIONAL PLAN OF AIR VALVE CHAMBER



SECTION A-A

CLIENT :

**PUBLIC HEALTH ENGINEERING
 DEPARTMENT KHYBER
 PAKHTUNKHWA**

CONSULTANT:

**Techno-Consult
 International**
JV
**Ultimate
 Engineering
 Consultants**
New Era of Development

PROJECT:
 KPRIISP - DESIGN REVIEW AND CONSTRUCTION
 SUPERVISION FOR WATER SUPPLY, SEWERAGE,
 DRAINAGE AND WASTE WATER TREATMENT
 PROJECT IN NEWLY MERGED DISTRICTS OF
 KHYBER PAKHTUNKHWA

DRAWING TITLE :
 EXISTING REHAB SCHEMES
 DISTRICT BAJAUR
 VALVE CHAMBER PLAN &
 SECTION

Designed By : Dr. ASFAHAN ALI
 Drawn By : NAEEM BAKHSH
 Checked By : RABEEA REHMAN
 Approved By : RABEEA REHMAN

Date : FEB 2026
 Scale : N.T.S
 Drawing No :
 KPR/REH/BJD/-2107

No.	Revision	By	Date