



**NCA**  
**ABADEI**  
**BRIDGE Project**



**Construction and/or Rehabilitation of Agricultural Infrastructures**

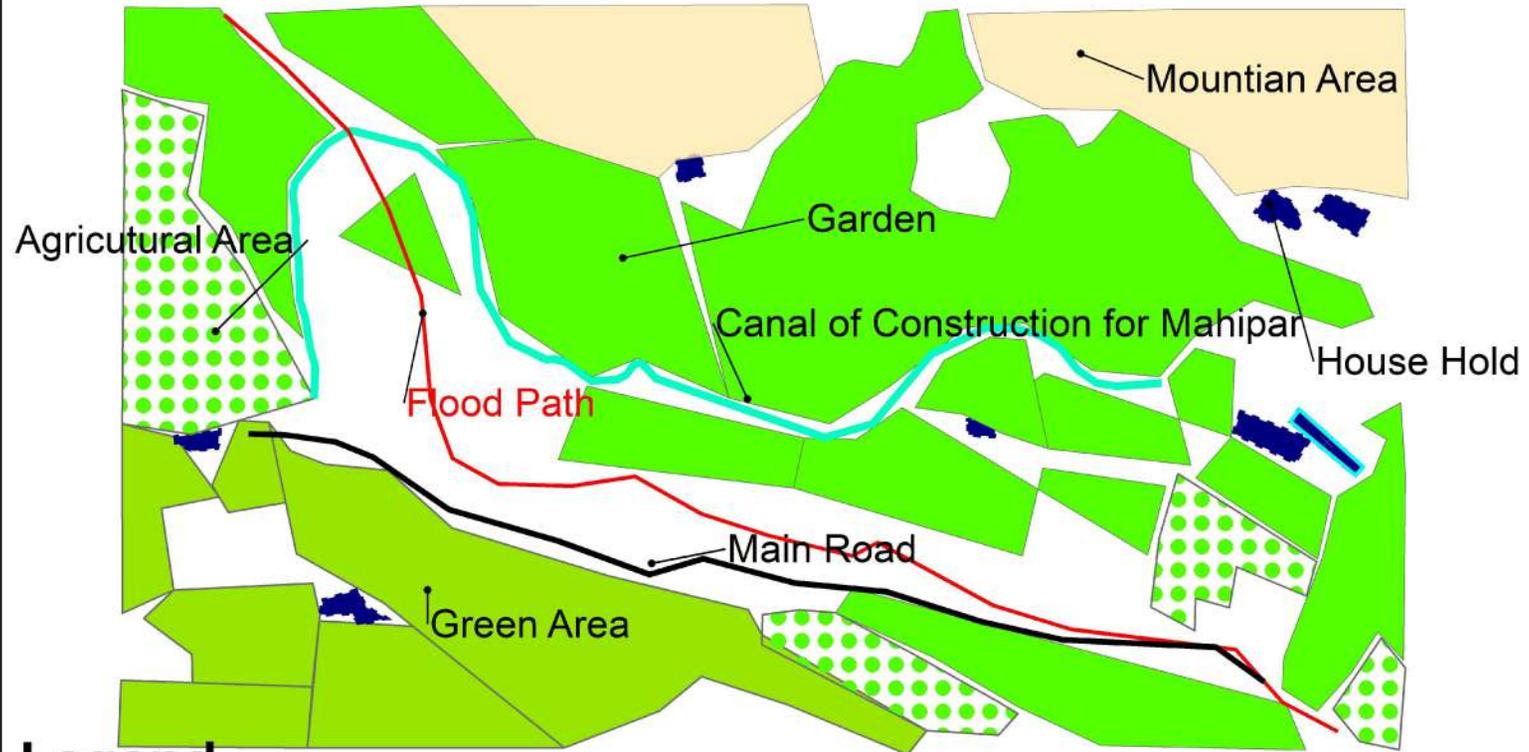
**Guldara, Kabul**

**Mahipar CDC**

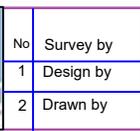
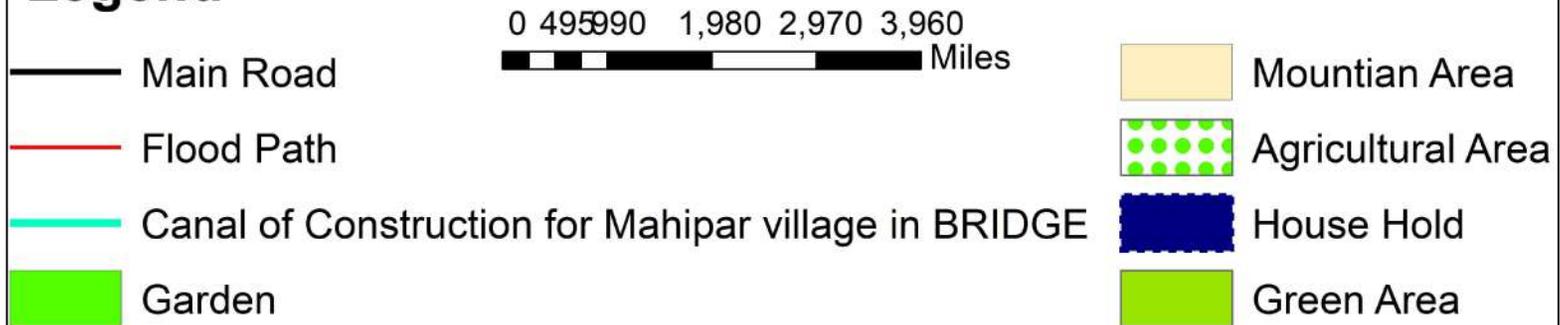
# **Drawing of Stone Masonry Canal**

**Feb 2024**

# Mahipar Site Plan



## Legend



No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & ABdul Majid Bashiri
1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai
2	Drawn by	Hasan Alizai

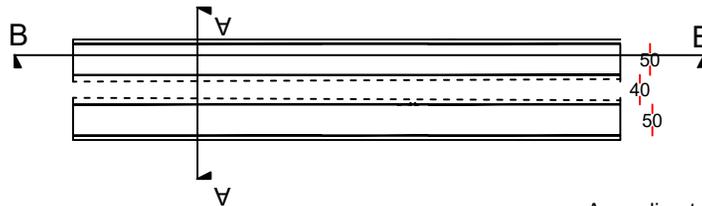
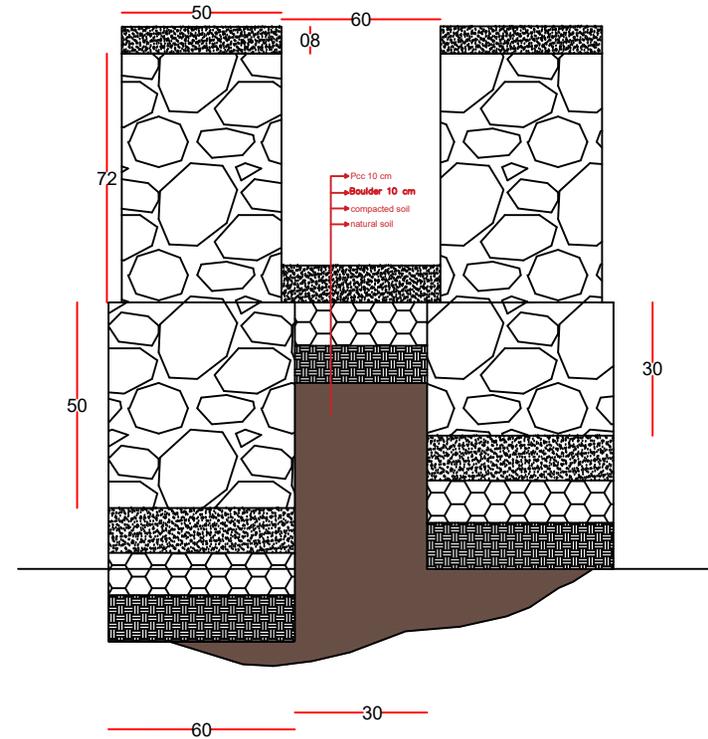
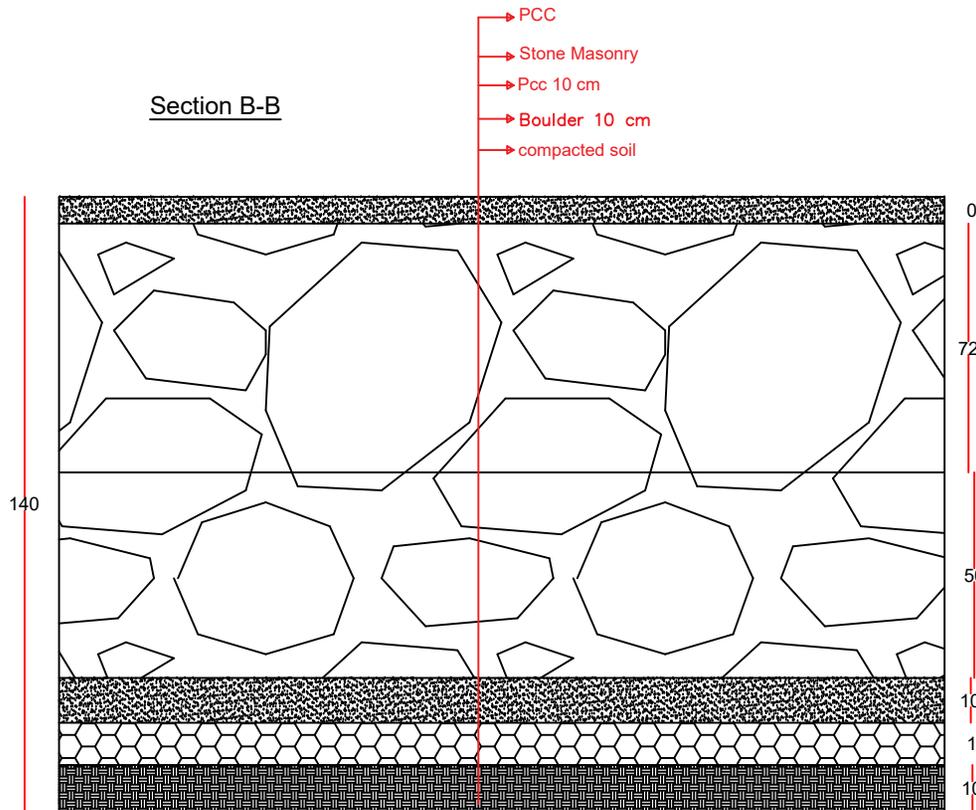
NCA  
Construction of Infrastructure  
BRIDGE, Kabul, Afghanistan

Province	Kabul
District	Guldara
Village/CDC	Mahipar
Approved by	UNDP & MRRD

Scale	In dimension(cm)
Sheet No.	

Project name:	Const of Infrastructure
Drawing Title:	Site Plan
Date	Feb 2024

**Section B-B**



The length of this canal is about 75m.  
Depending on the area, there is a possibility of changes  
that must be made in coordination with the NCA engineer.

According to the nature of the soil and field, the length of the canal can be shorter or longer.

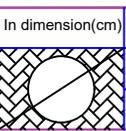


No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & Abdul Majid Bashiri
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2	Drawn by	Hasan Alizai

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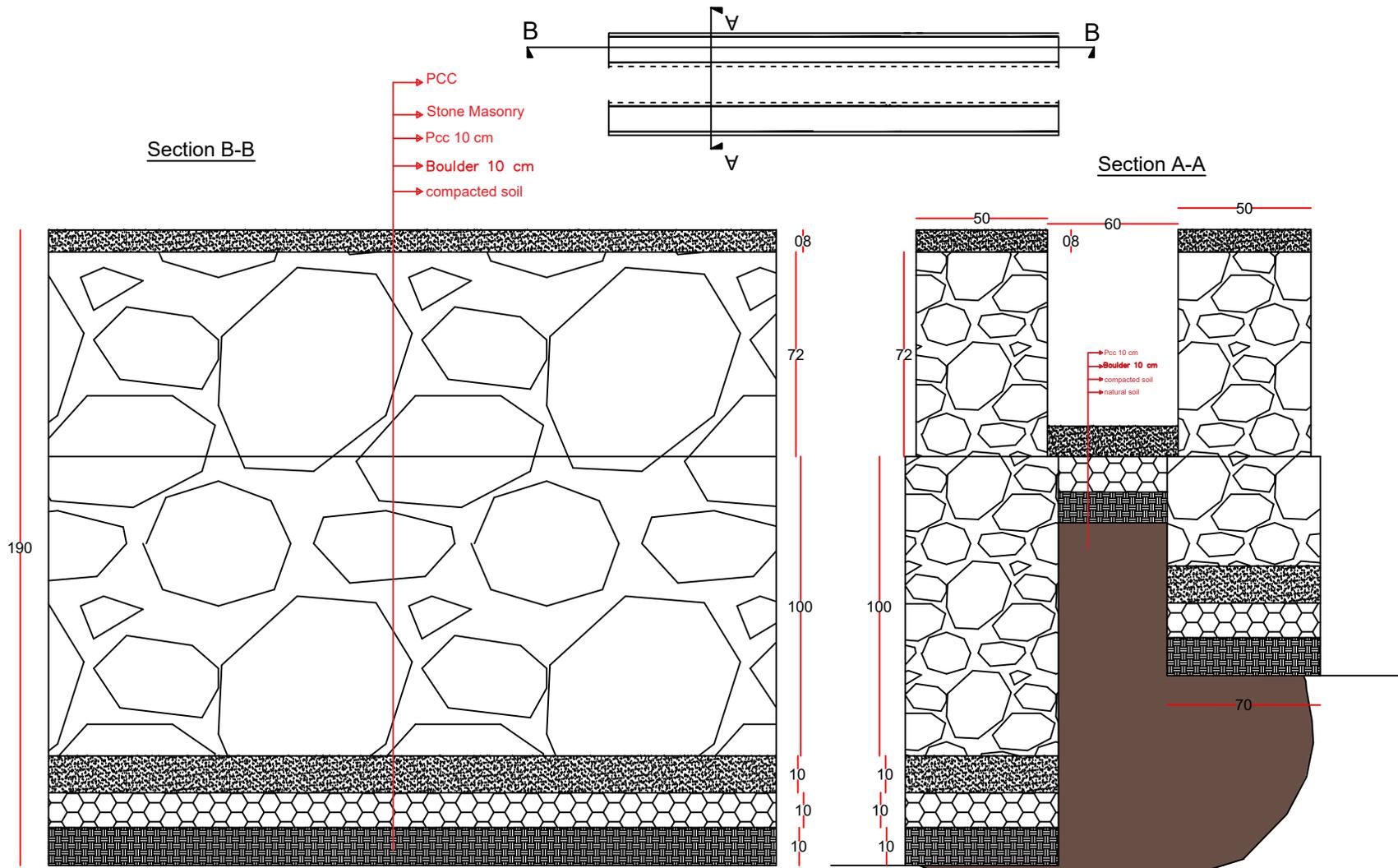
Province	Kabul
District	Guldara
Village/CDC	Mahipar
Approved by	UNDP

Scale



In dimension(cm)  
Sheet No.

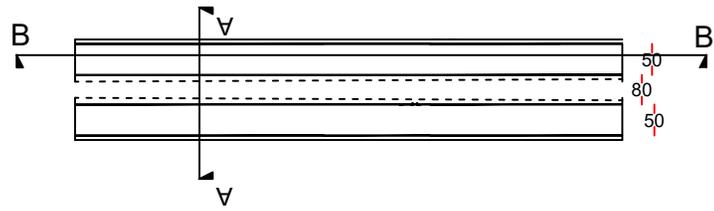
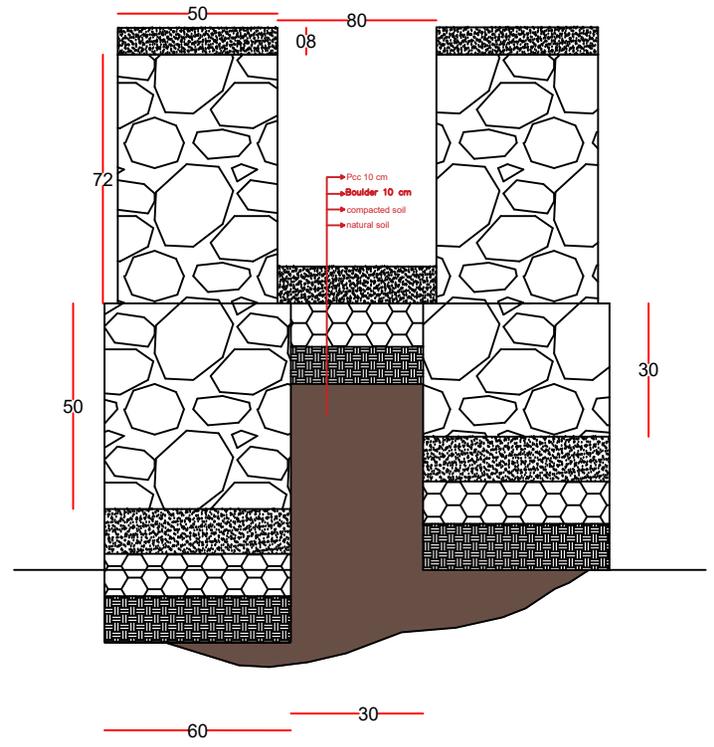
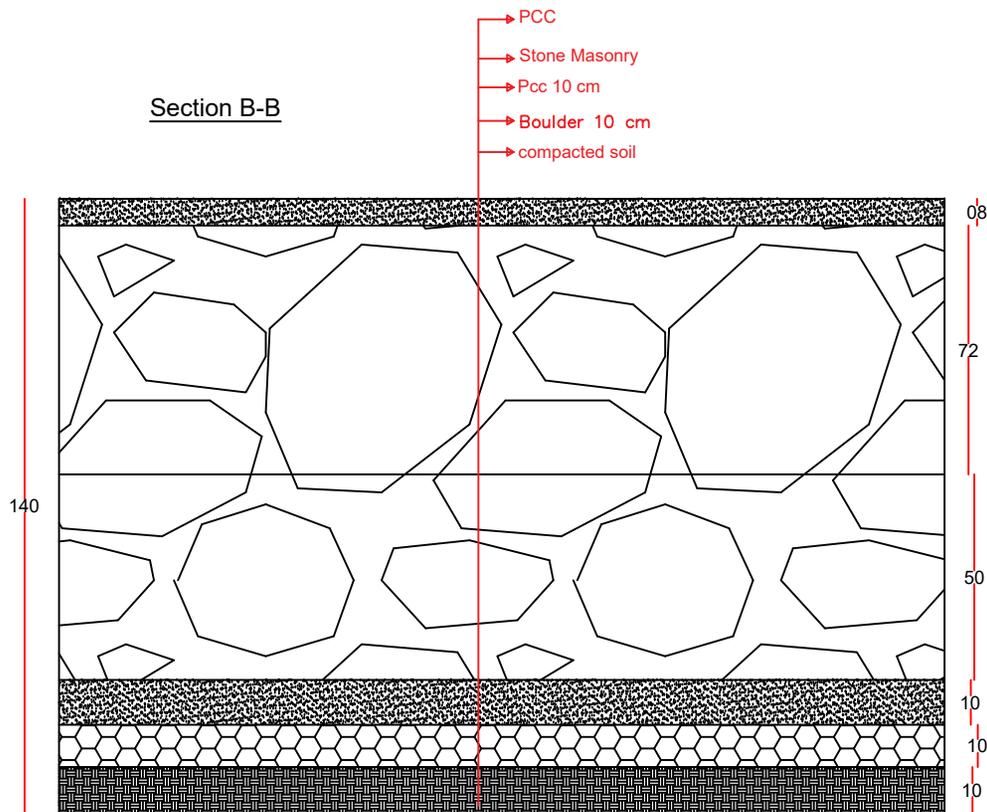
Project name:	Const of Infrastructure
Drawing Title:	Stone Masonry Canal
Date	Feb 2024



The length of this canal is about 30m.  
 Depending on the area, there is a possibility of changes  
 that must be made in coordination with the NCA engineer.  
 According to the nature of the soil and field, the length of the canal can be shorter or longer.

	No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & ABdul Majid Bashiri	NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan	Province	Kabul	Scale	In dimension(cm)	Project name:	Const of Infrastructure
	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No.		Drawing Title:	Stone Masonry Canal
	2	Drawn by	Hasan Alizai		Village/CDC	Mahipar			Date	Feb 2024
				Approved by	UNDP					

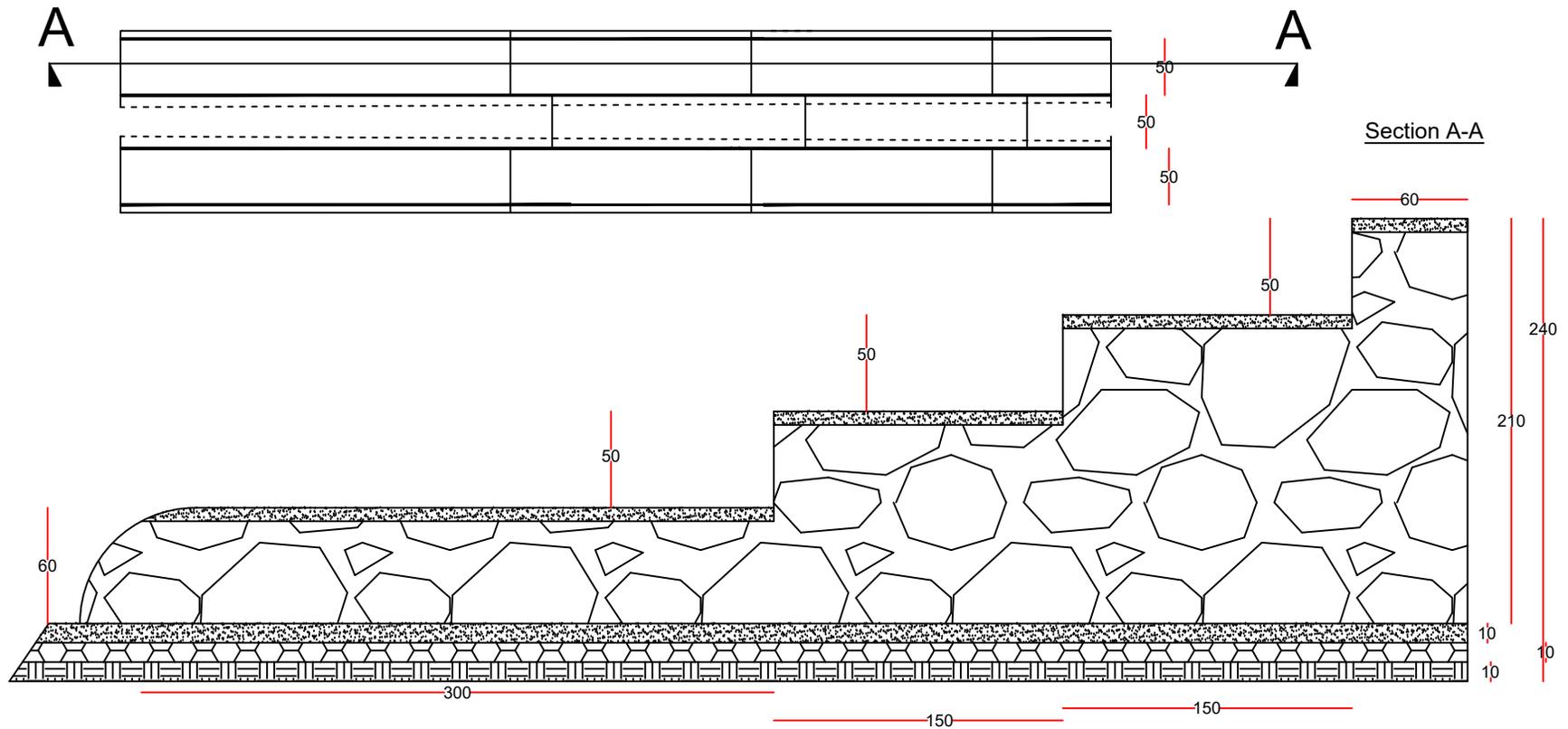
**Section B-B**



The length of this canal is about 179m.  
Depending on the area, there is a possibility of changes that must be made in coordination with the NCA engineer.

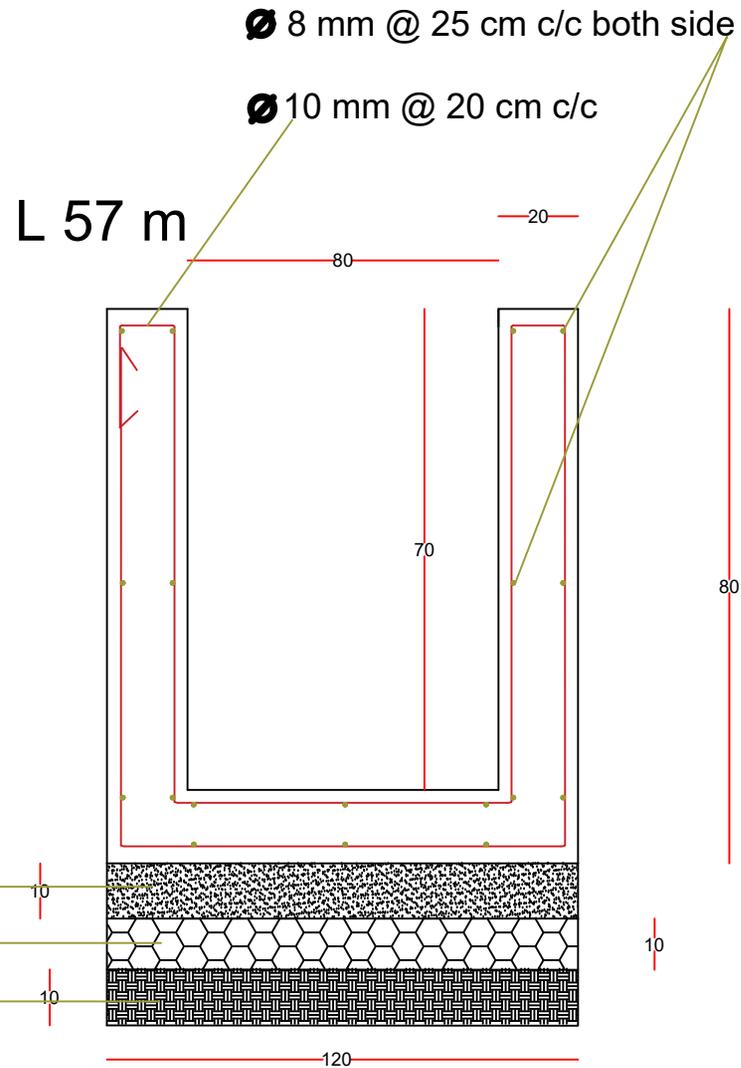
	No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & Abdul Majid Bashiri	NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan	Province	Kabul	Scale	In dimension(cm)	Project name:	Const of Infrastructure
	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No.	Drawing Title:	Stone Masonry Canal	
2	Drawn by	Hasan Alizai	Village/CDC	Mahipar	Approved by	UNDP & MRRD		Date	Feb 2024	

There are 3 water dividers, and according to the field and the engineer's observation, there is a possibility of change.



According to the nature of the soil and field, the length of the canal can be shorter or longer.

	No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & Abdul Majid Bashiri	NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan	Province	Kabul	Scale  In dimension(cm)	Project name:	Const of Infrastructure	
	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara		Sheet No.	Drawing Title:	Water Divider
	2	Drawn by	Hasan Alizai		Village/CDC	Mahipar			Date	Feb 2024
				Approved by	UNDP & MRRD					



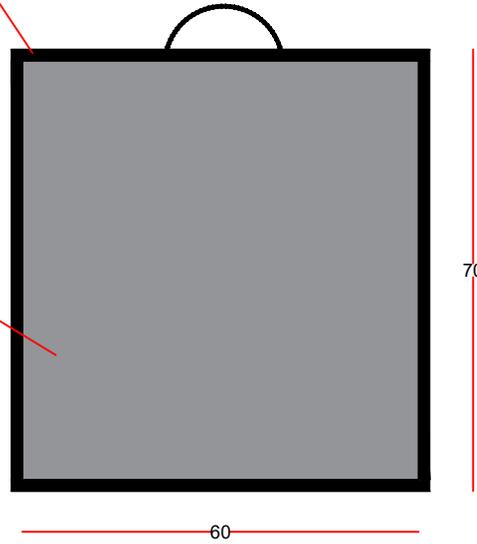
According to the nature of the soil and field, the length of the canal can be shorter or longer.

	No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & ABdul Majid Bashiri	NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan	Province	Kabul	Scale		In dimension(cm)	Project name:	Const of Infrastructure
	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No.		Drawing Title:	Water Divider	
	2	Drawn by	Hasan Alizai		Village/CDC	Mahipar			Approved by	UNDP & MRRD	Date

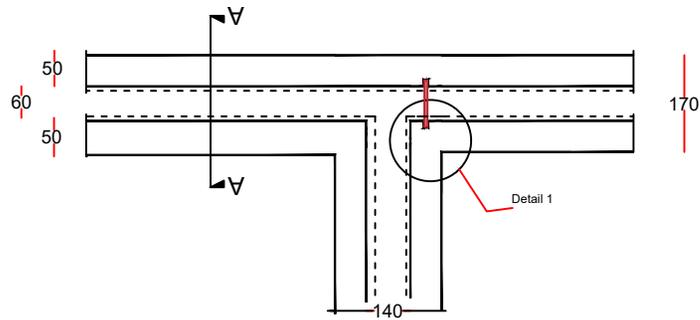
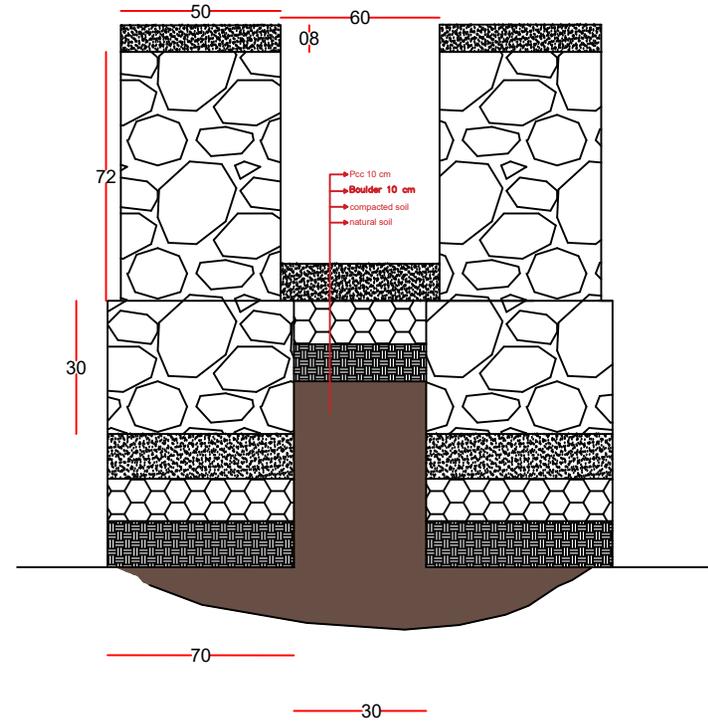
# Water Divider and Control Gate

Angle Iron 2.5 inch

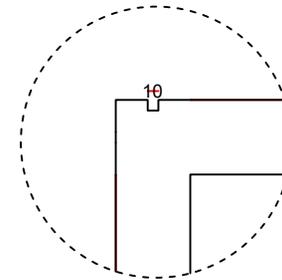
Metallic Sheet 2mm



Section A-A



Detail 1

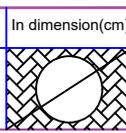


No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai & Abdul Majid Bashiri
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BRIDGE, Kabul, Afghanistan

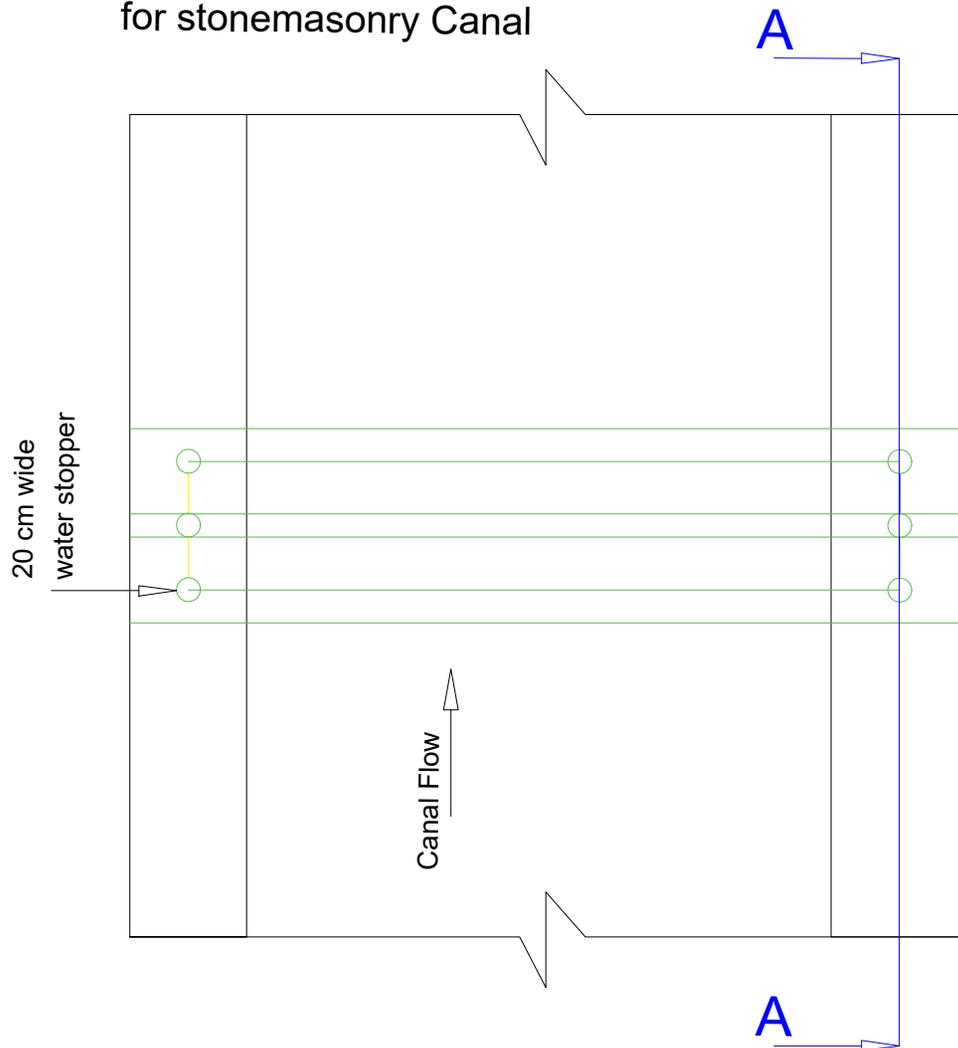
Province	Kabul
District	Guldara
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Approved by	UNDP & MRRD

Scale

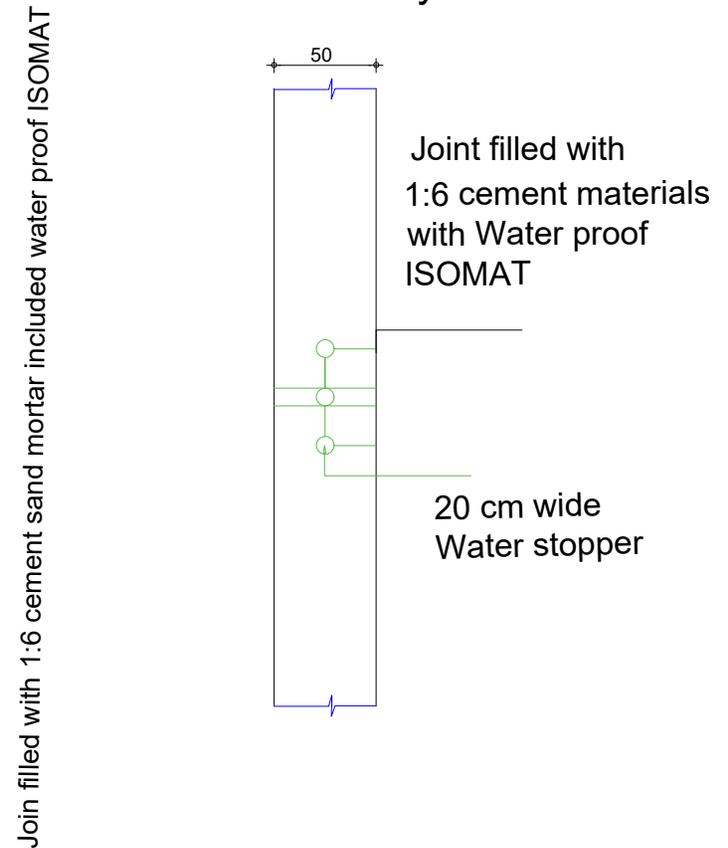


In dimension(cm)	Project name:	Const of Infrastructure
Sheet No.	Drawing Title:	Stone Masonry Canal
	Date	Feb 2024

Plan of construction  
joint and Water stopper in sections  
for stonemasonry Canal



Plan of construction  
joint and Water Stopper for one side  
of stone masonry Canal



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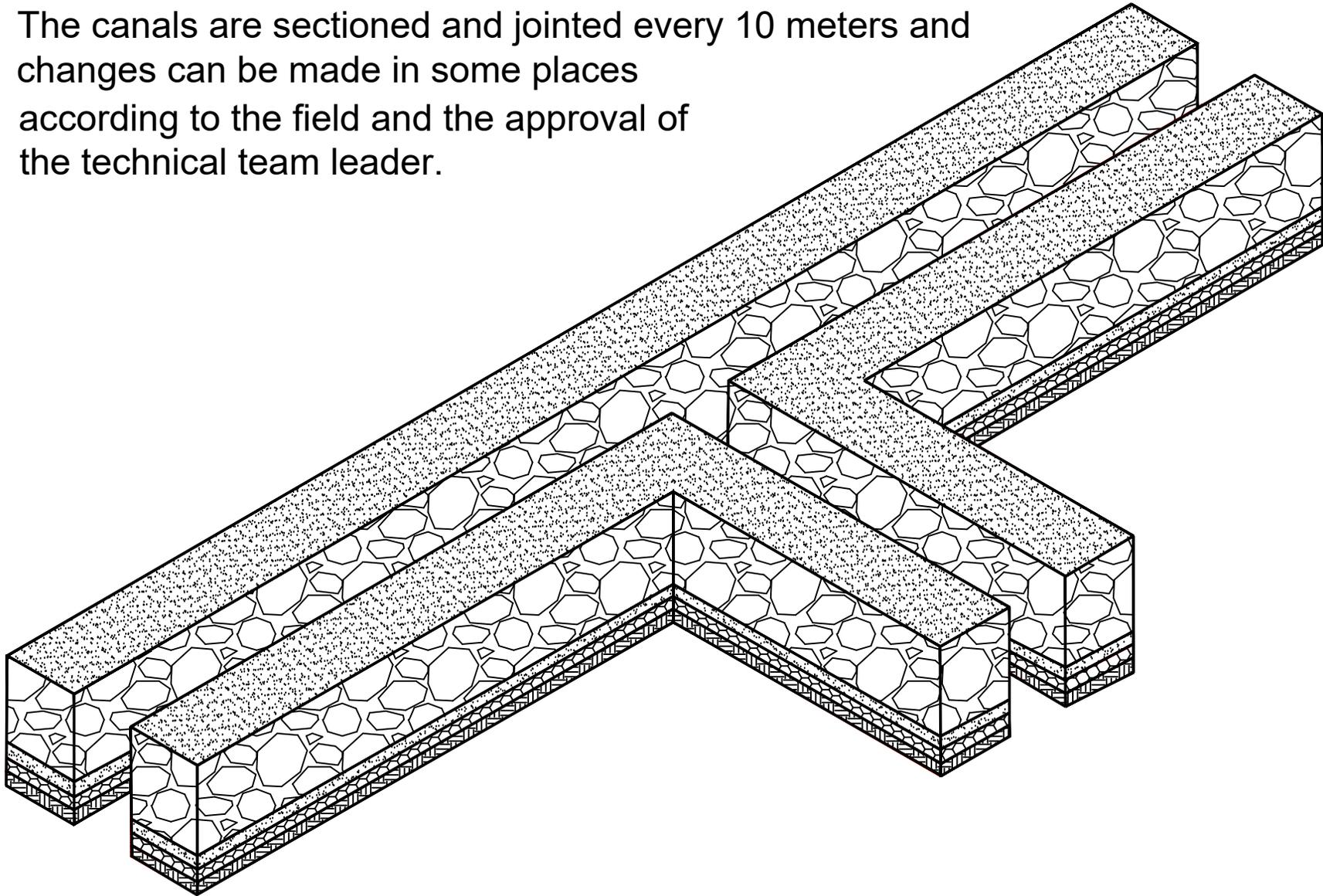
NCA  
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BRIDGE, Kabul, Afghanistan

Province	Kabul
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Scale	In dimension(cm)
Sheet No.	

Project name:	Const of Infrastructure
Drawing Title:	Water Stopper Instalation
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The canals are sectioned and jointed every 10 meters and changes can be made in some places according to the field and the approval of the technical team leader.



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2	Drawn by	Hasan Alizai

NCA  
Construction of Infrastructure  
BRIDGE, Kabul, Afghanistan

Province  
Kabul

District  
Guldara

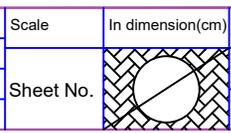
Village/CDC  
Mahipar

Approved by  
UNDP & MRRD

Scale

In dimension(cm)

Sheet No.



Project name:	Const of Infrastructure
Drawing Title:	Water Stopper Installation
Date	Feb 2024