



NCA
ABADEI
BRIDGE Project



Construction and/or Rehabilitation of Agricultural Infrastructures

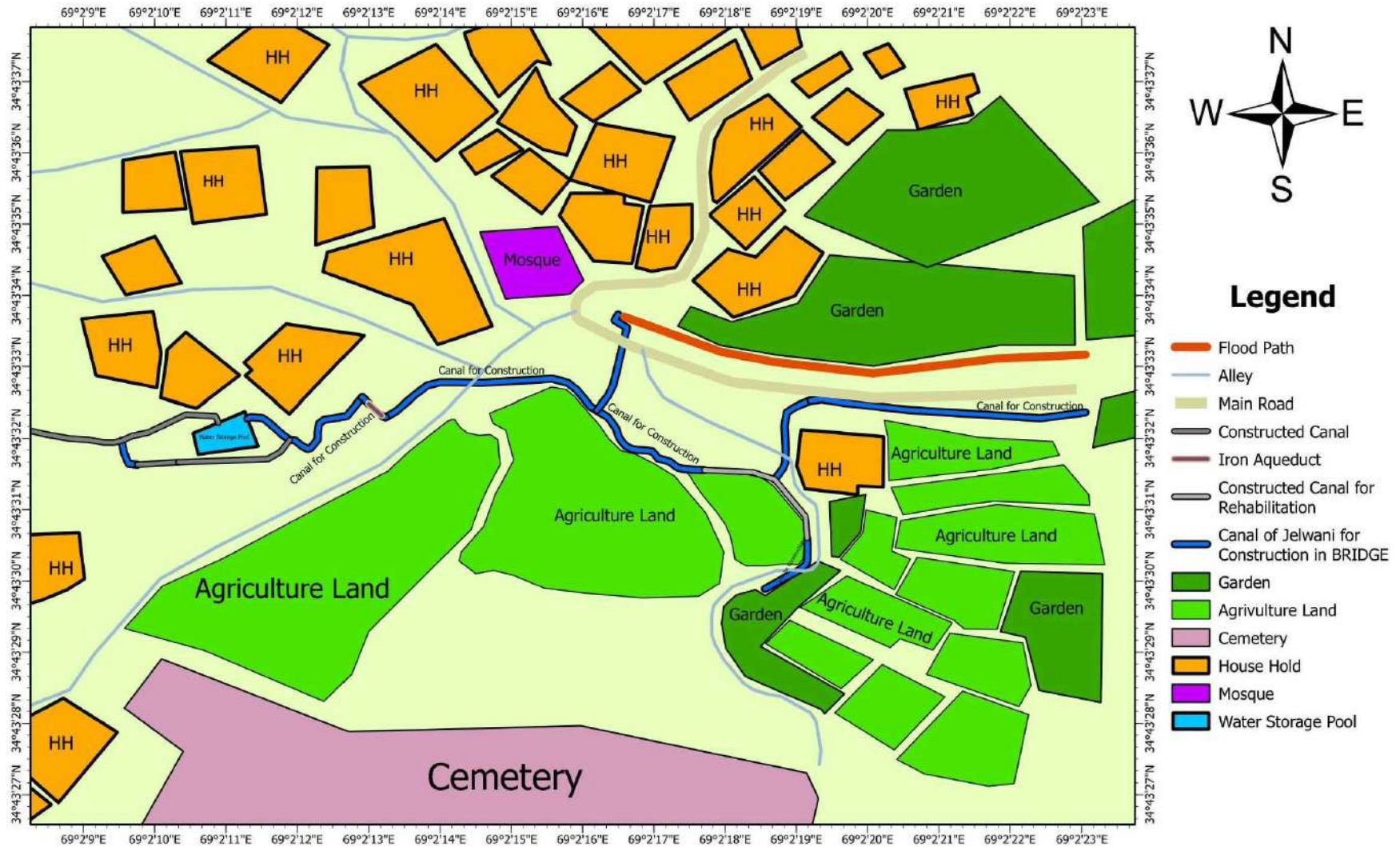
Guldara, Kabul

Jalwani CDC

Drawing of Stone Masonry Canal

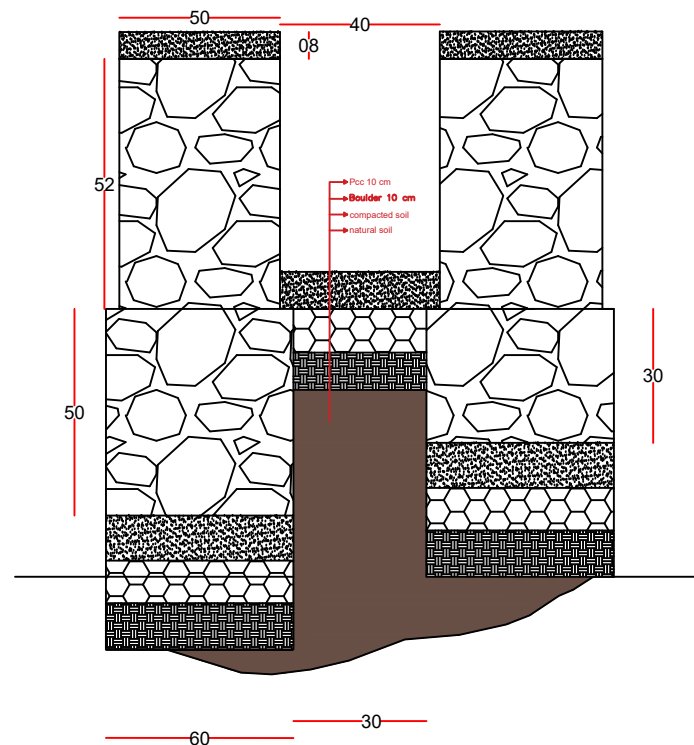
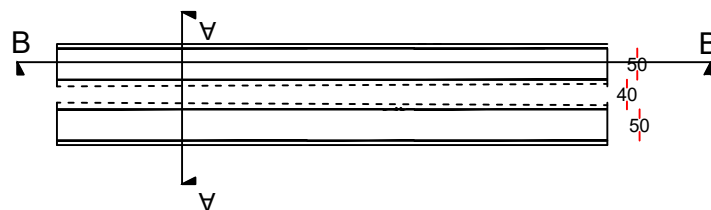
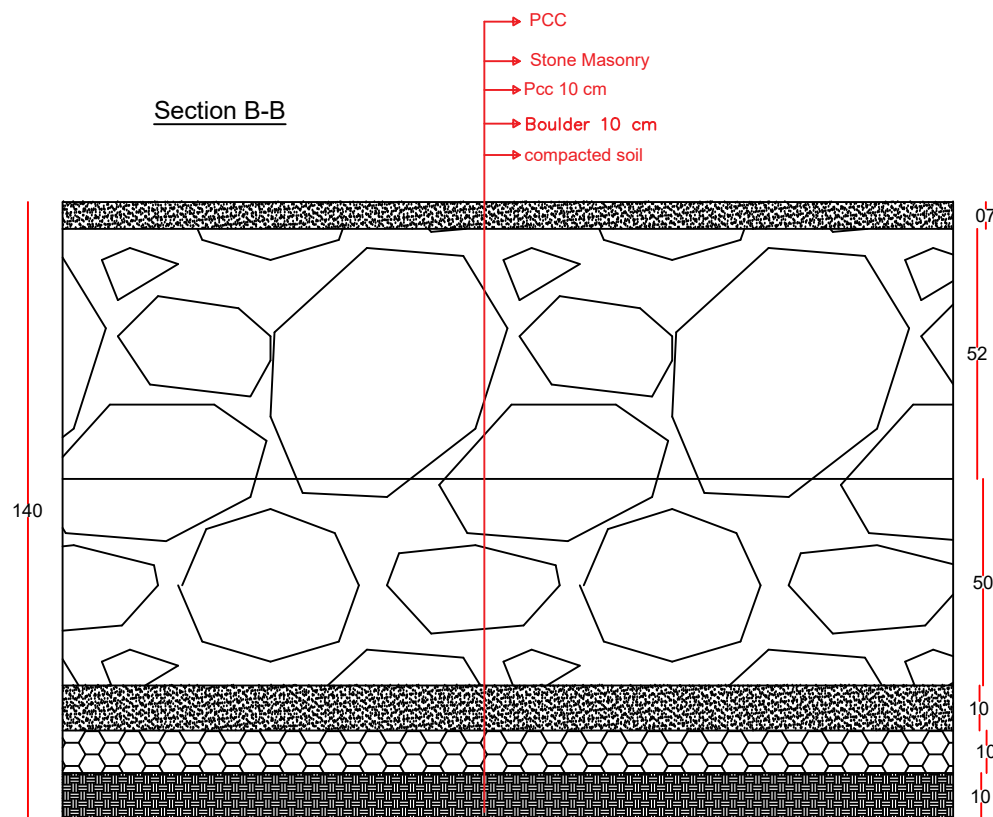
Feb 2024

Jelwani Site Plan



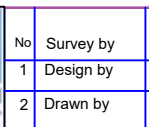
	No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai	NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan	Province	Kabul	Scale	In dimension(cm)	Project name:	Const of Infrastructure
	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No.		Drawing Title:	Site Plan
	2	Drawn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

Section B-B



The length of this canal is about 210m.
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.



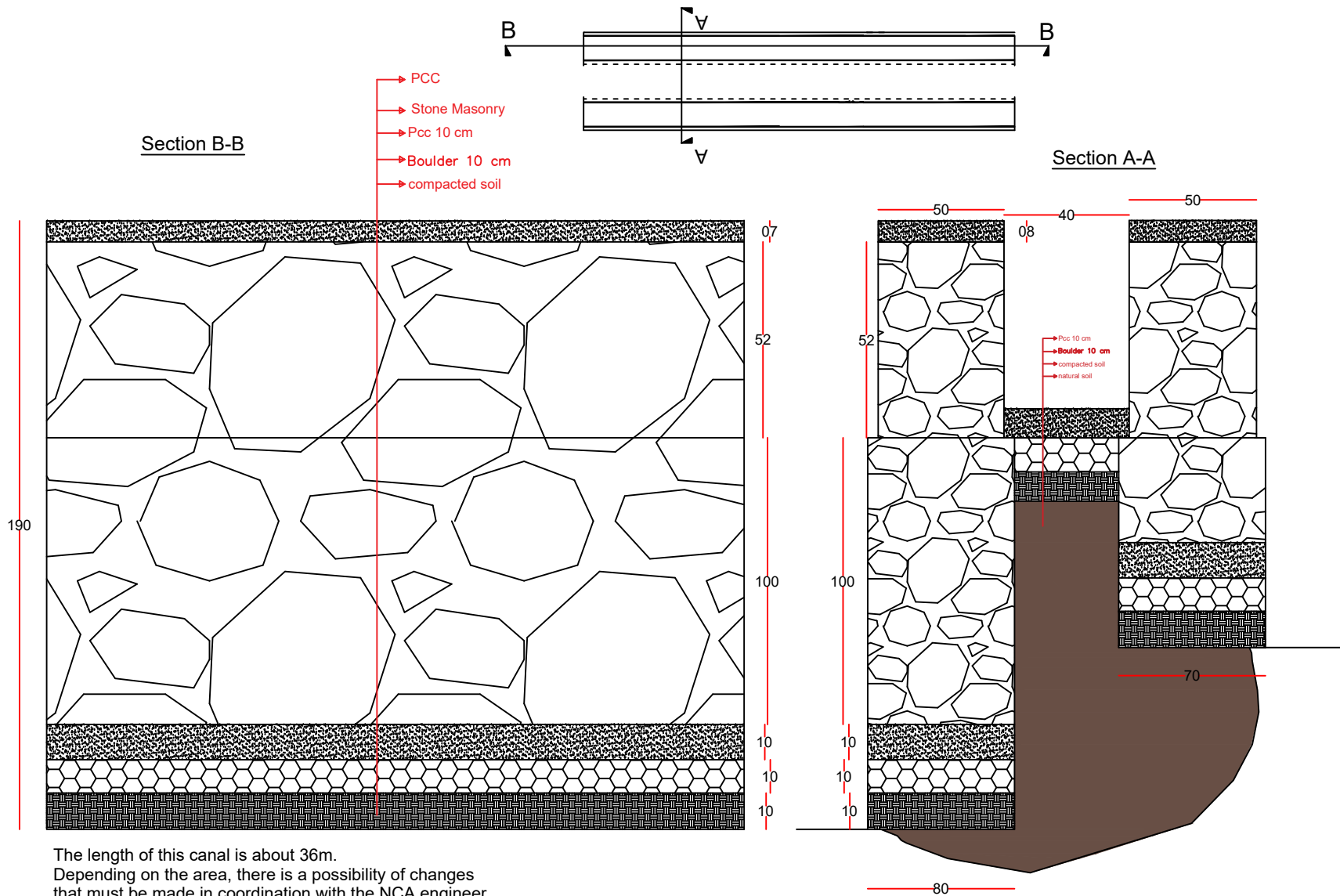
No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai
1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai
2	Drawn by	Hasan Alizai

NCA
Construction of Infrastructure
BRIDGE, Kabul, Afghanistan

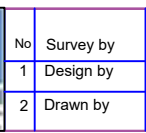
Province	Kabul
District	Guldara
Village/CDC	Jelwani
Approved by	UNDP & MRRD

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 36m.
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.

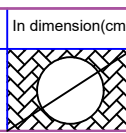


No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai
1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai
2	Drawn by	Hasan Alizai

NCA Construction of Infrastructure BRIDGE, Kabul, Afghanistan

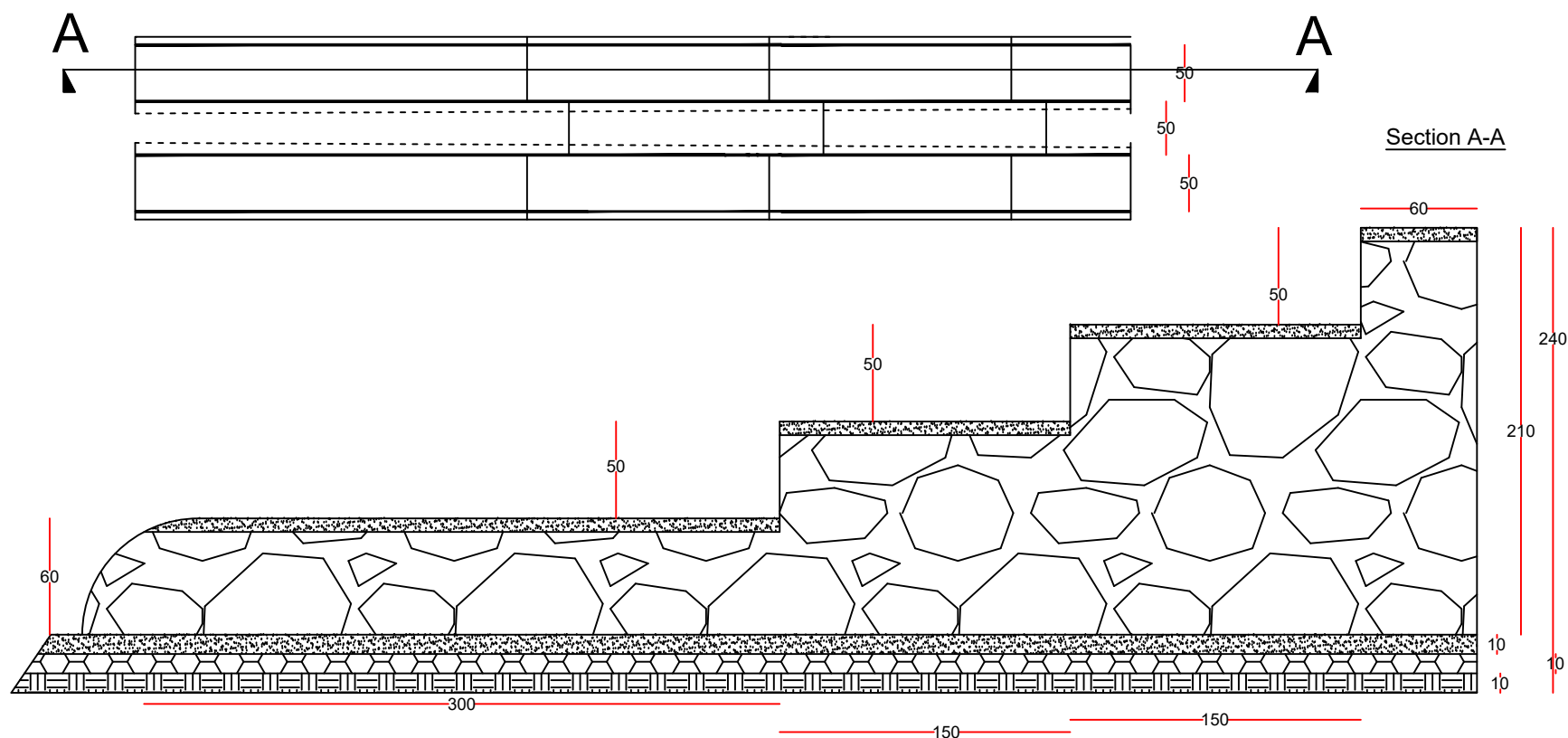
Province	Kabul
District	Guldara
Village/CDC	Jelwani
Approved by	UNDP & MRRD

Scale	In dimension(cm)
Sheet No.	





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

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



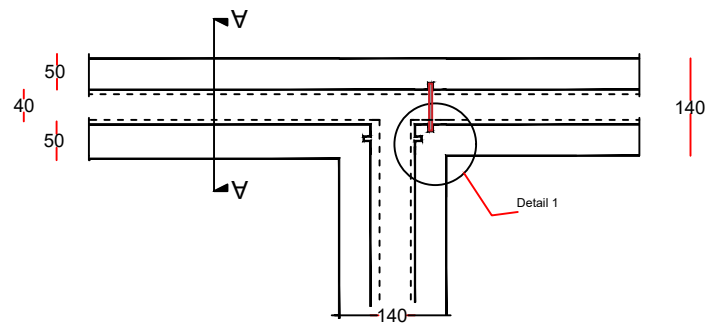
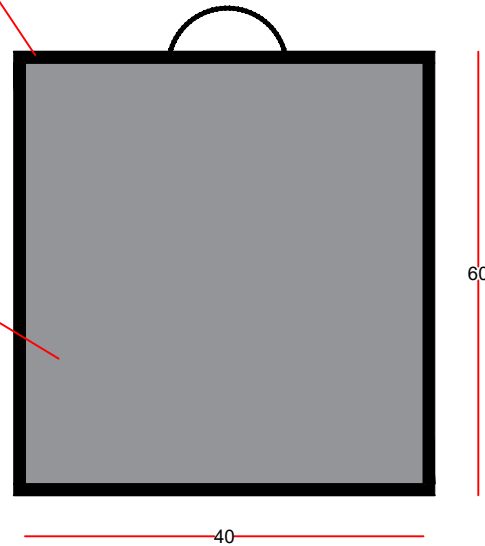
According to the nature of the soil and field, the length of the canal can be shorter or longer.

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

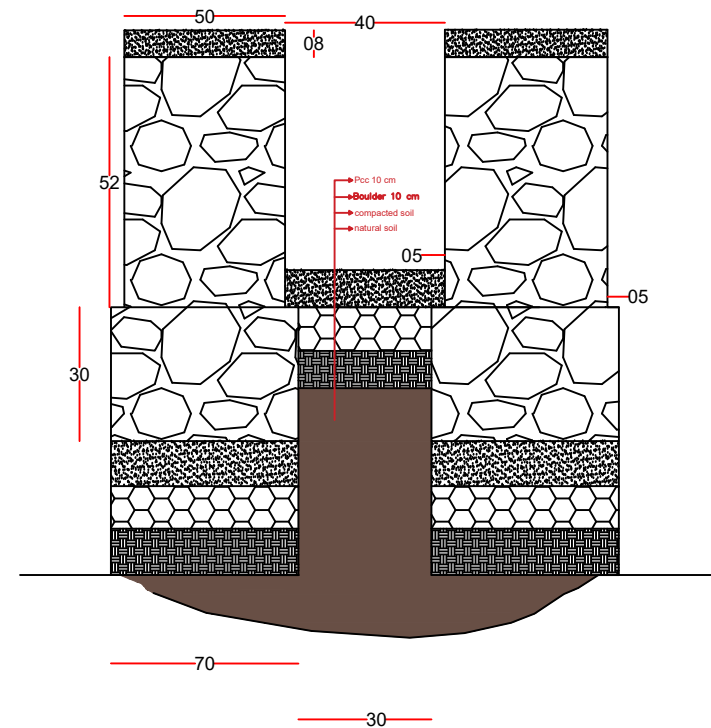
Water Divider and Control Gate

Angle Iron 2.5 inch

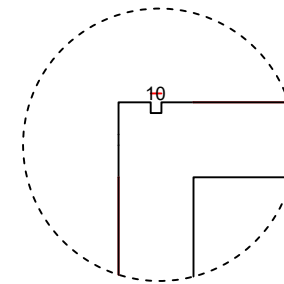
Metallic Sheet 2mm



Section A-A



Detail 1

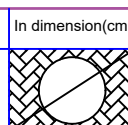


No	Survey by	Hasan Alizai & Zar Mohammad Ahmadzai
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2	Drawn by	Hasan Alizai

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Construction of Infrastructure
BRIDGE, Kabul, Afghanistan

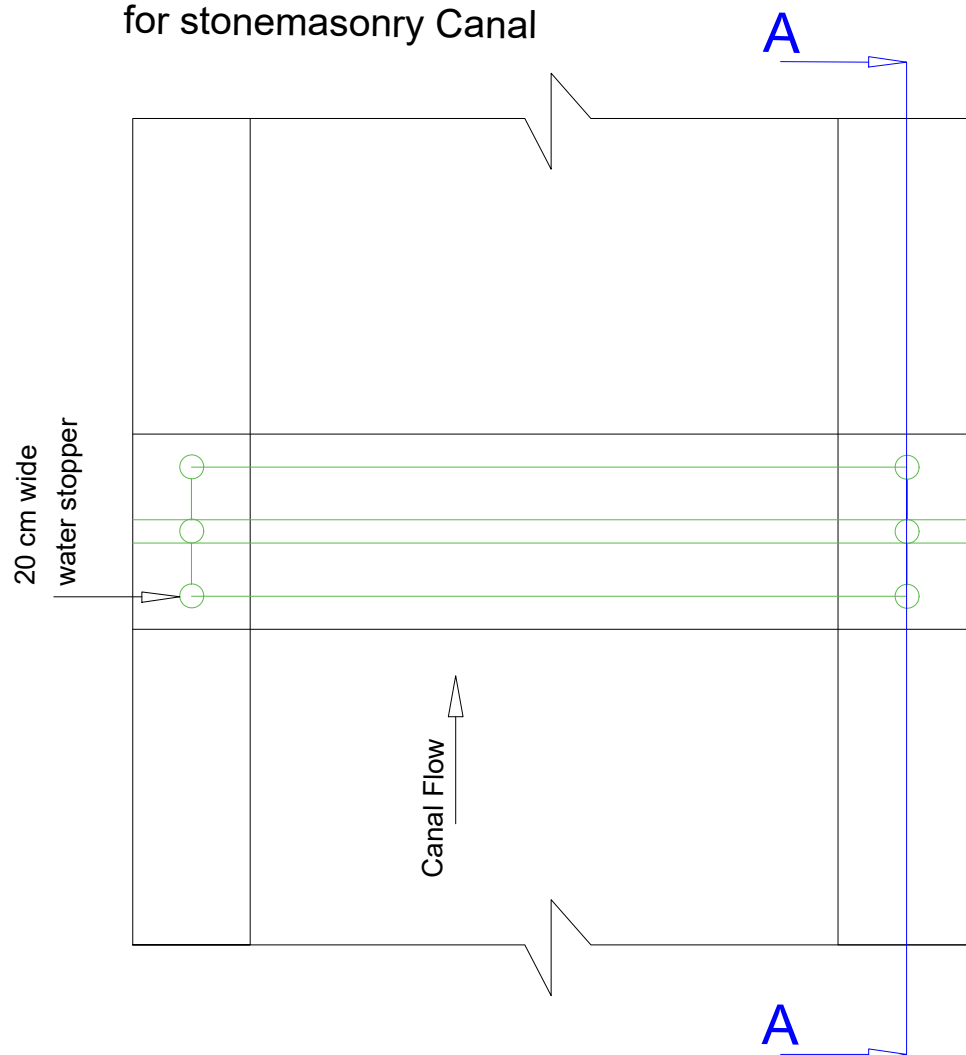
Province	Kabul
District	Guldara
Village/CDC	Jelwani
Approved by	UNDP & MRRD

Scale	
Sheet No.	

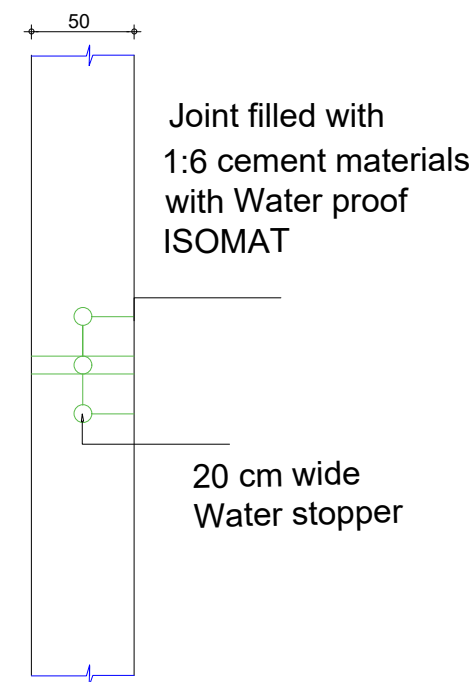


Project name:	Const of Infrastructure
Drawing Title:	Water Divider
Date	Feb 2024

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

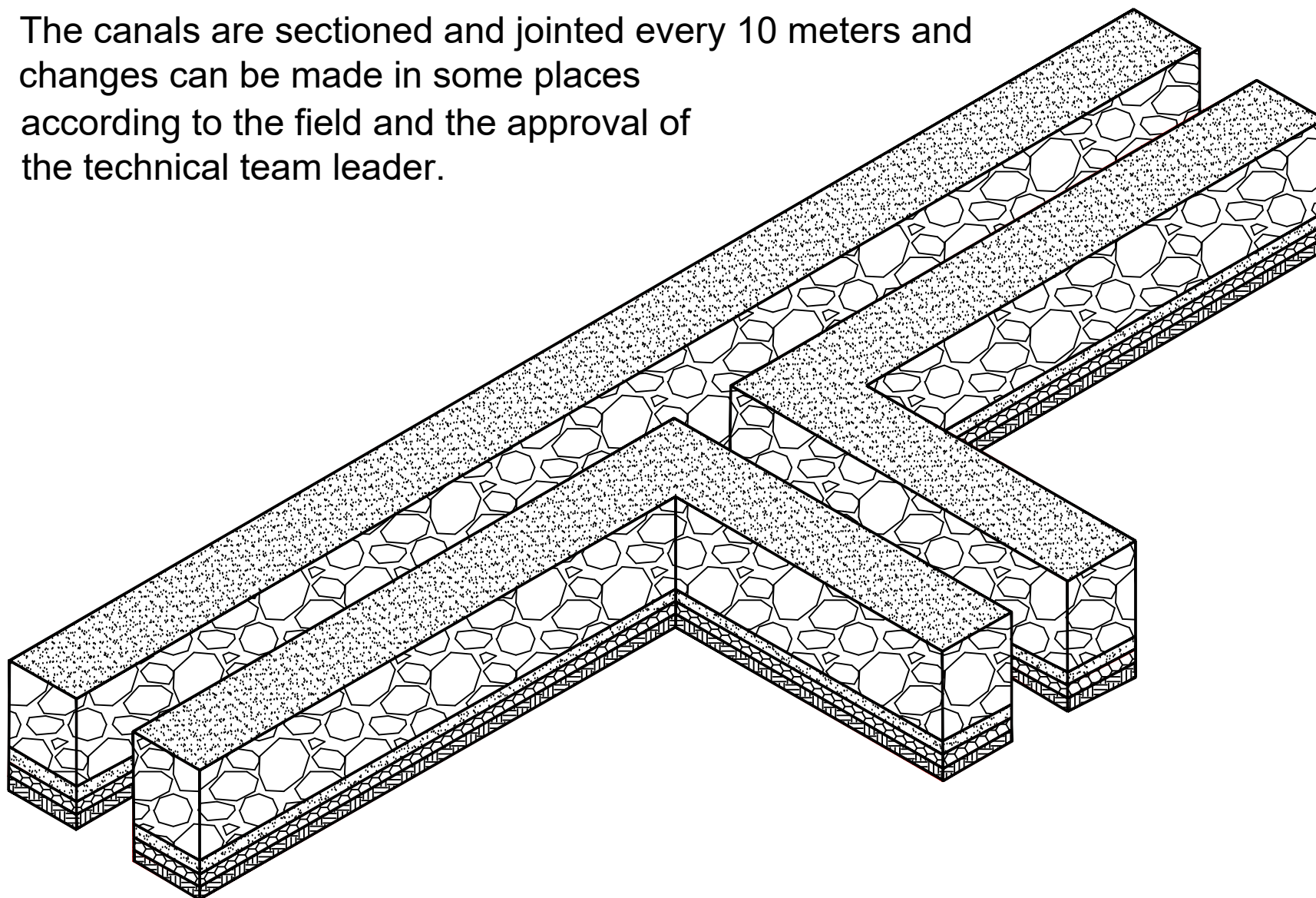




Plan of construction joint and Water Stopper for one side of stone masonry Canal



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	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No.		Drawing Title:	Water Stopper Installation
	2	Drawn by	Hasan Alizai		Village/CDC	Jelwani				
					Approved by	UNDP & MRRD				

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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	1	Design by	Hasan Alizai & Zar Mohammad Ahmadzai		District	Guldara	Sheet No. 		Drawing Title:	3D Model
	2	Drawn by	Hasan Alizai		Village/CDC	Jelwani			Date	Feb 2024
					Approved by	UNDP & MRRD				





The canal that can constructed by NCA is along the previously constructed canal that was constructed by CCNPP. According to the section of the new canal, it is considered in the design according to the previous canal. and the Data was collected from field and community by collection tools.

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	2	Drawn by	Hasan Alizai		Village/CDC	Jelwani			Date	Feb 2024
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Surface water reservoir and
Check Dam for rehabilitation.

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	2	Drawn by	Hasan Alizai		Village/CDC	Jelwani			Date	Feb 2024
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