NORWEGIAN CHURCH AID (NCA) ORD (ORGANIZATION For RELIEF DEVALOPMENT)

ICRA/PEARL Project

Village: Dayas Watani District: Charbolak Province: Balkh

Design and Drawing of Water Supply Project Project Name: Pipe Scheme with Elevated Reservoir

Brief Information Proposed depth = 110mApproximateStatic water level = 30mNo. of stand taps = 9No. of solar panels 270 watt = 28 PCS



SURVEYED BY	Eng.Noor Wali & Eng Hidayatullah Sadiq	CHECKED BY	NCA Engineering Team	SCALE	Custom		PROVINCE	Balkh
DESIGNED BY	Eng.Noor Wali & Eng Hidayatullah Sadiq	REVIEWED BY	NCA Engineering Team	DATE	23/09/2023	A	DISTRICT	Char bolak
DRAWN BY	Eng.Noor Wali & Eng Hidayatullah Sadiq	APPROVED BY	NCA Engineering Team	DRAWING NO.	8		VILLAGE	Dayas

PROJECT NAME ICRA/PEARL DRAWING TITLE



Including documents

Village: Dayas Watani

District: Charbolak

Province: Balkh

No	Document	Number of sheets	Remark
1	Survey Site plan	1	
2	Plan of Bore well	2	
3	Bore well section	3	
4	Bore well casing & filter	4	
5	Well section and solar panel	5	
6	Section of stand for solar panel	6	
7	Gate Valve Box Plan & section	7	
8	Velocity in pipe scheme	8	
9	Pressure in pipe scheme	9	
10	Length and diameter of pipe in pipe scheme	10	
11	Elevated and reservoir and section	11	
12	Elevated and reservoir and section	12	
13	Stand tap & section	13	

Note:

- 1- All dimensions are in cm unless otherwise stated.
- 2- During RCC work vibrator must be used to avoid water leakage from reservoir.
- 3- All PCC works should be with 1:2:4 mortar unless otherwise stated.
- 4- All RCC works should be with 1:1.5:3 mortar.

- 5- Isolation material is glass wool.7- Curing must be continued upto 28 days.8- Clear and Clean water must be used every where.
- 9- The inlet, outlet, overflow and washing pipes should be adjusted according to site condition.

DESIGNED BY Eng.Noor Wali & Eng Hidayatullah Sadiq REVIEWED BY NCA Engineering Team DATE 23/09/2023 # 2 A DISTRICT Char bolak DRAWN BY Eng.Noor Wali & Eng Hidayatullah Sadiq APPROVED BY NCA Engineering Team DATE 23/09/2023 # 2 A DISTRICT Char bolak	Nion For Relier Ostor	SURVEYED I	3Y Eng.Noor Wali & Eng Hidayatullah Sadiq	CHECKED BY	NCA Engineering Team	SCALE	Custom	E . B	PROVINCE	Balkh
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	Emergency initiatives

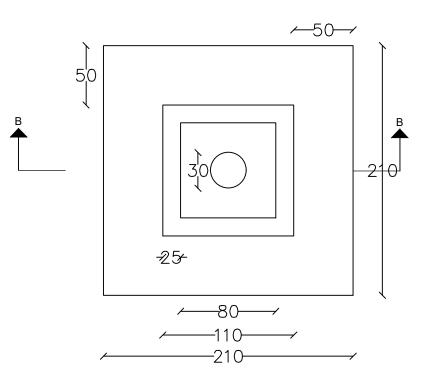
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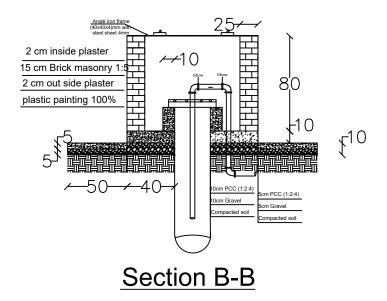




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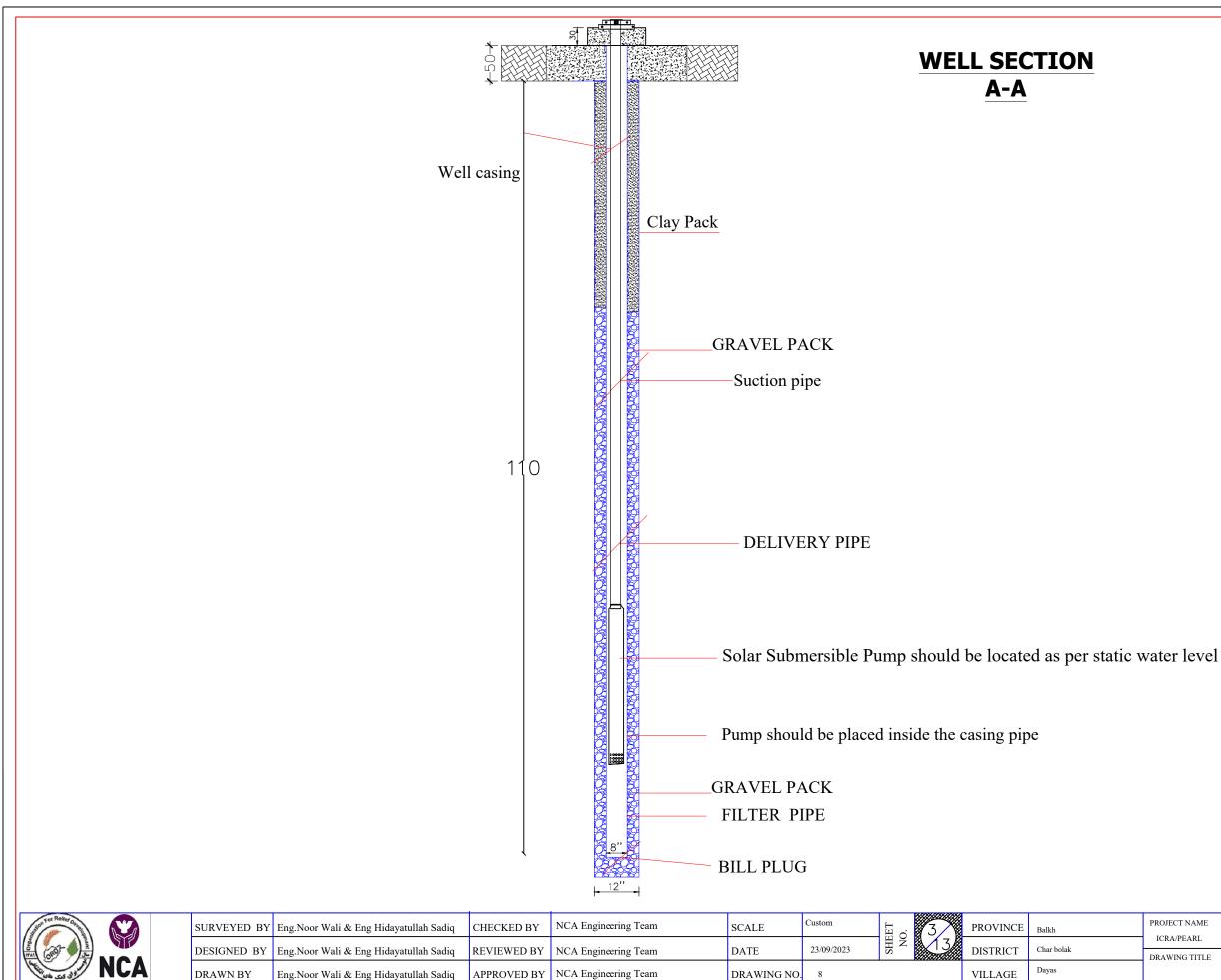
Bore Well Plan



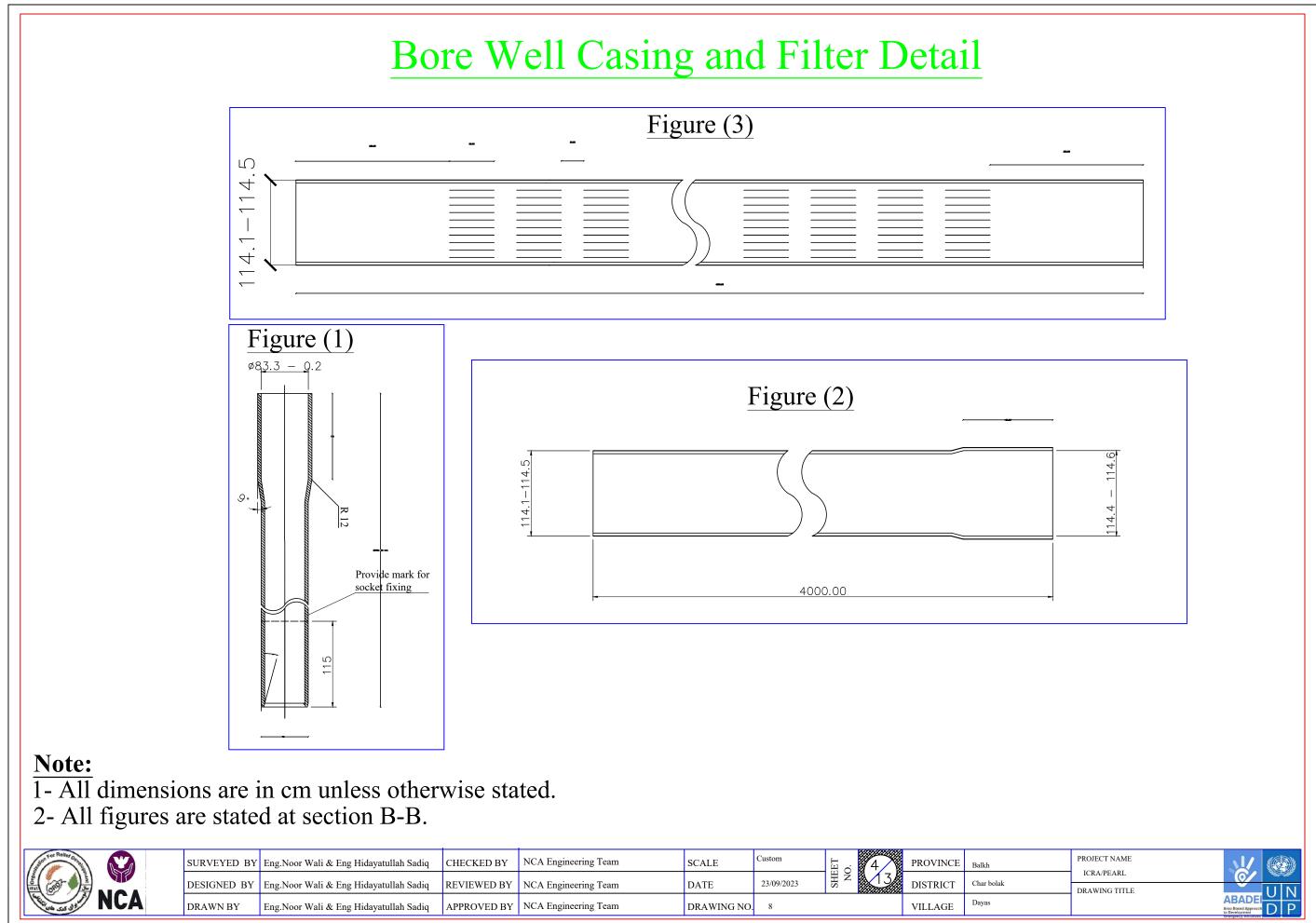


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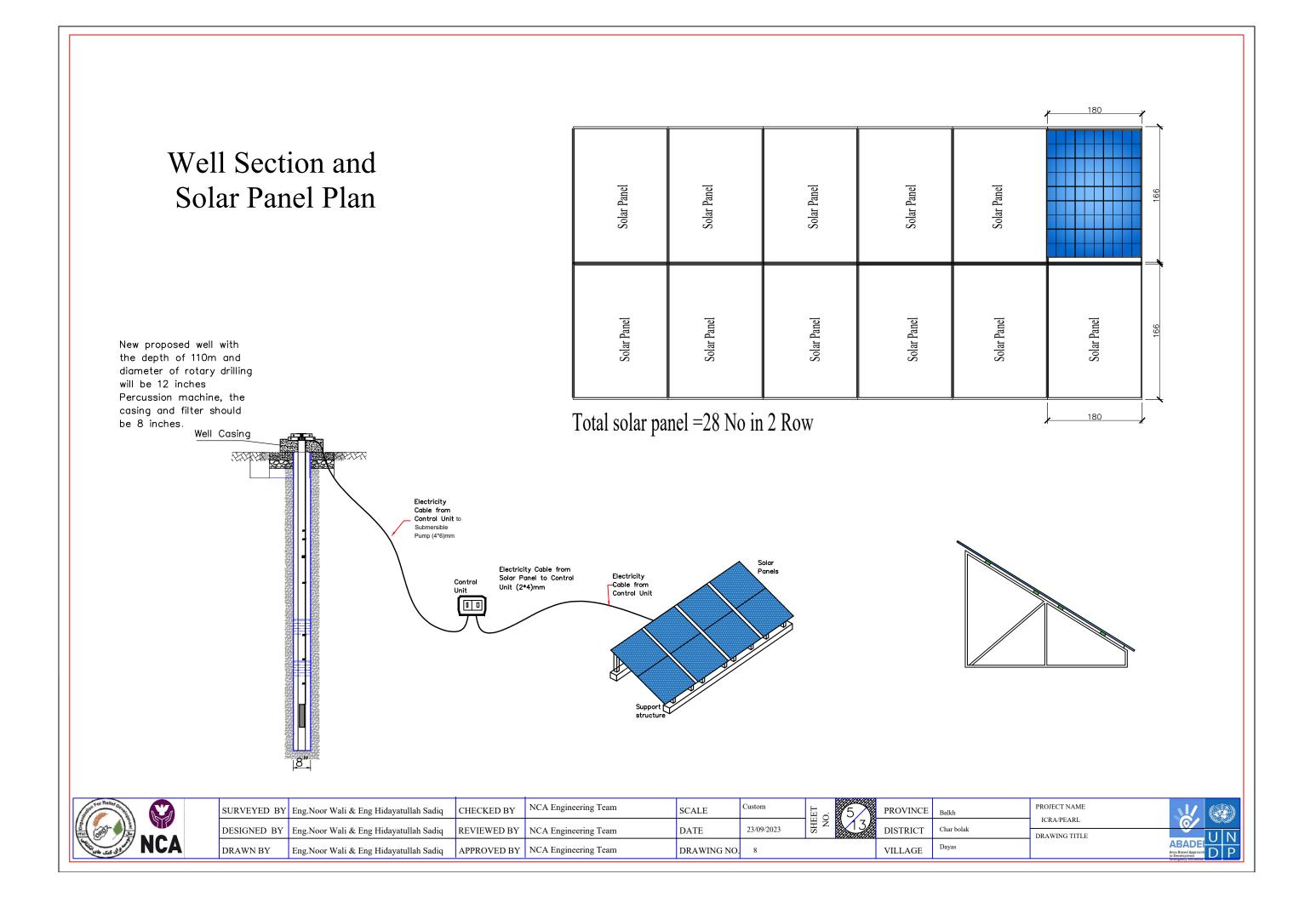
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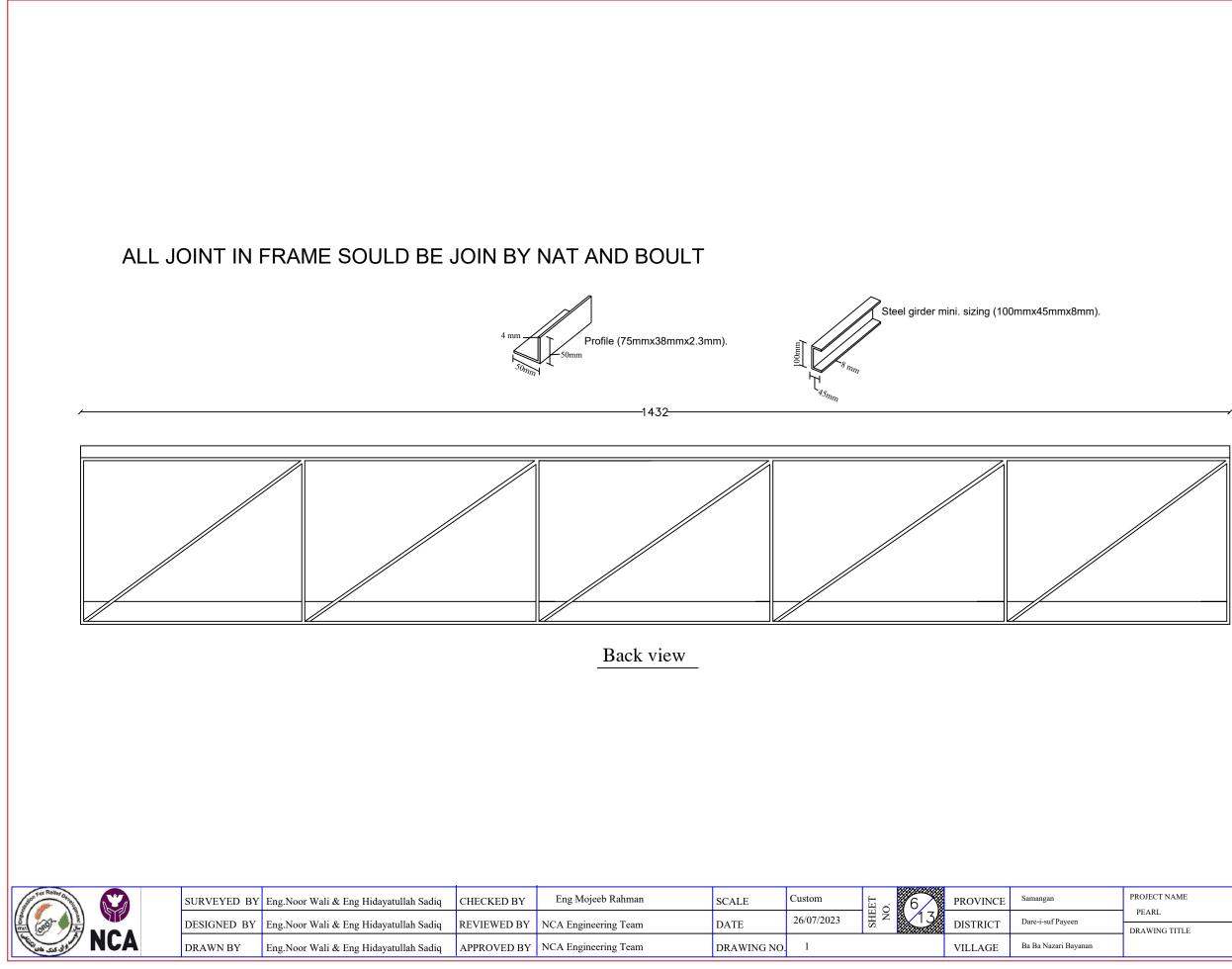


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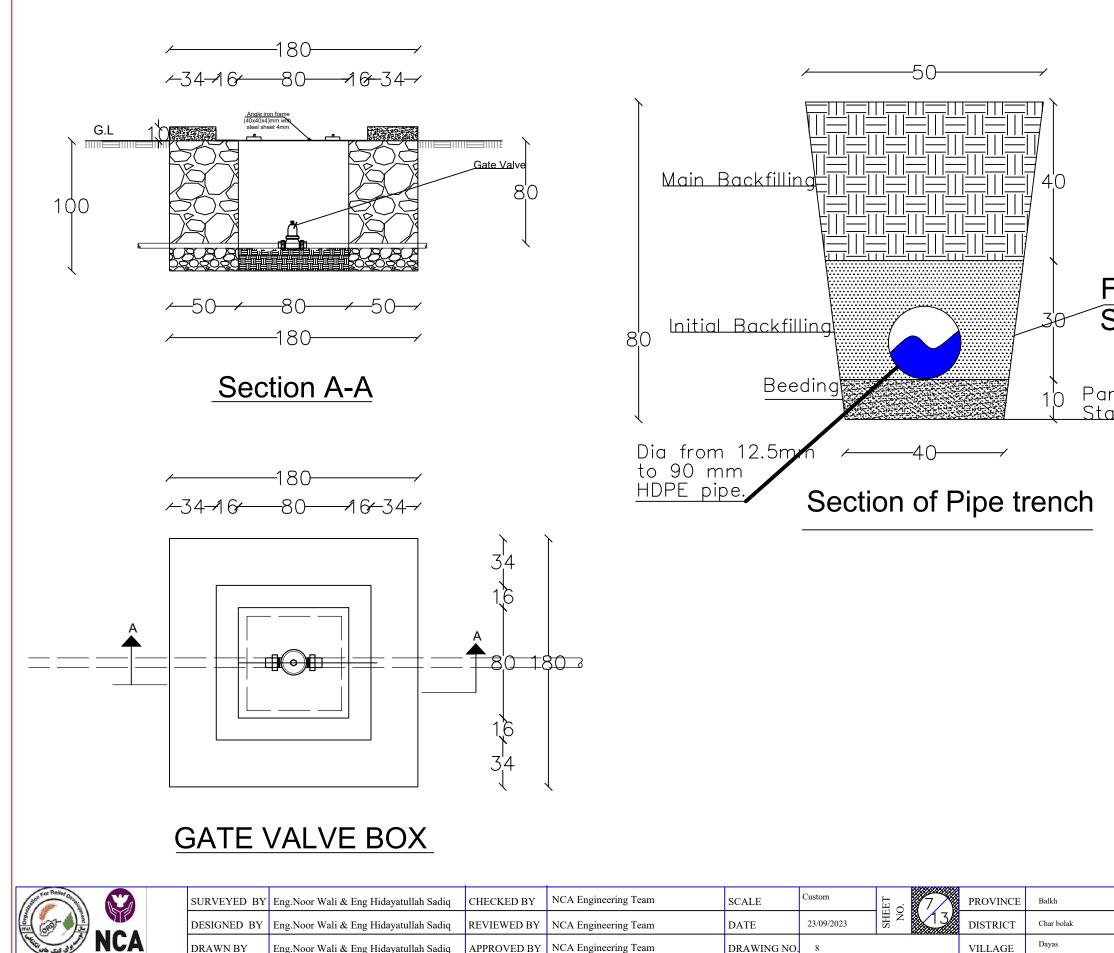


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FINE SAND

Partical size up to 37mm <u>Standard comp</u>action 90%

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