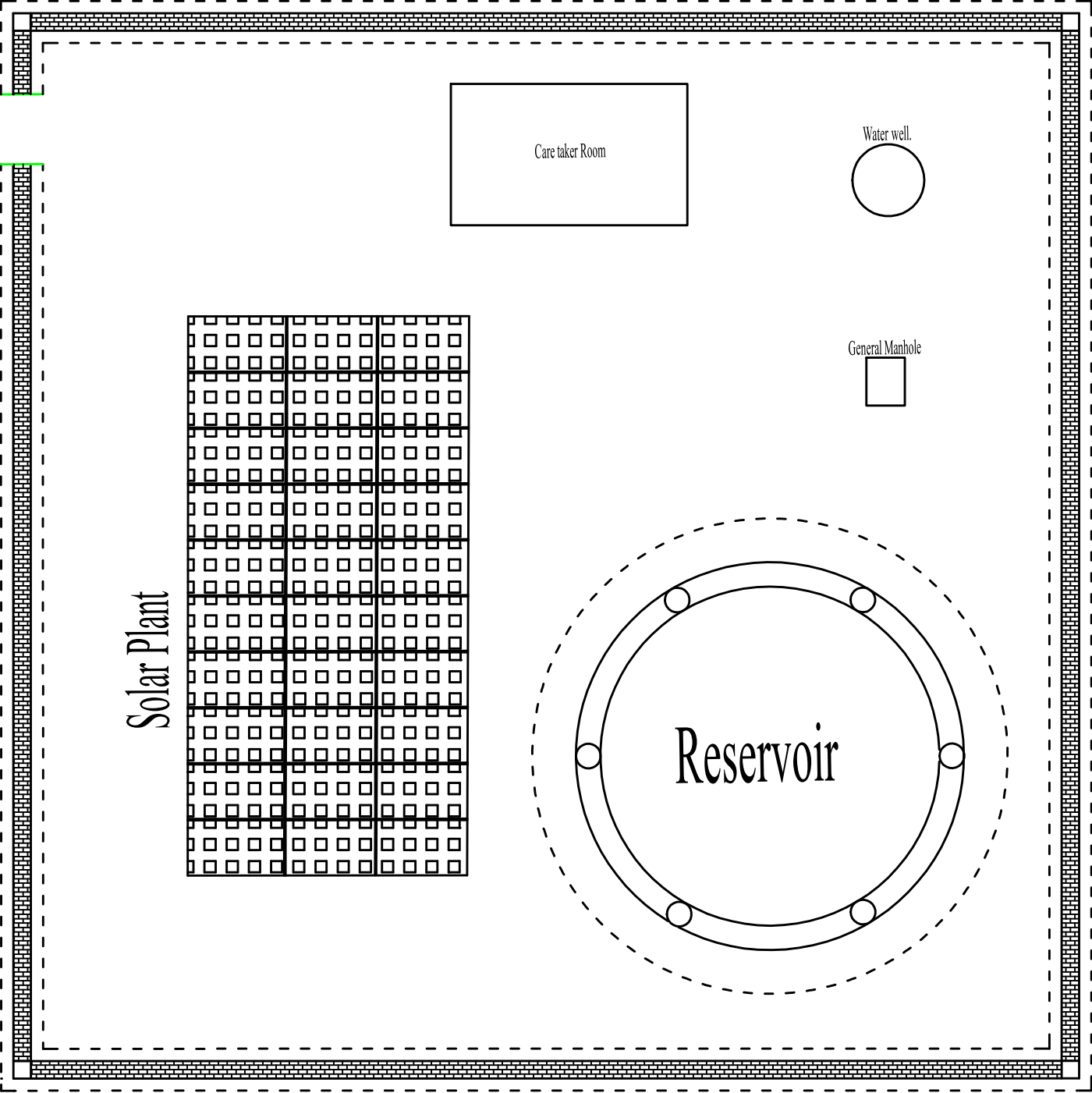
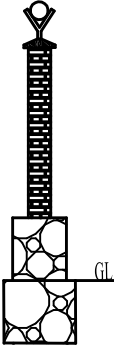


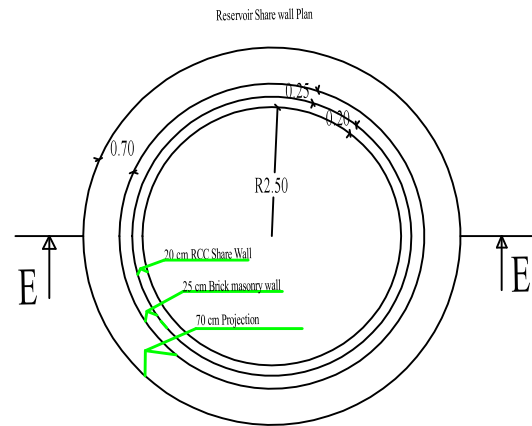
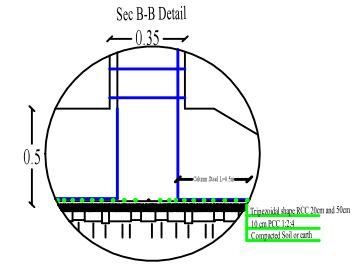
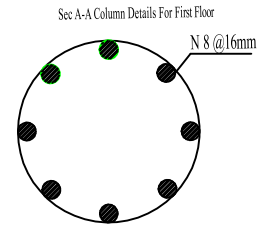
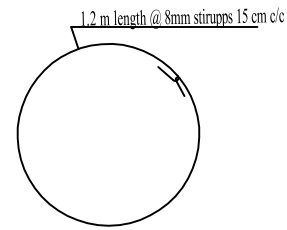
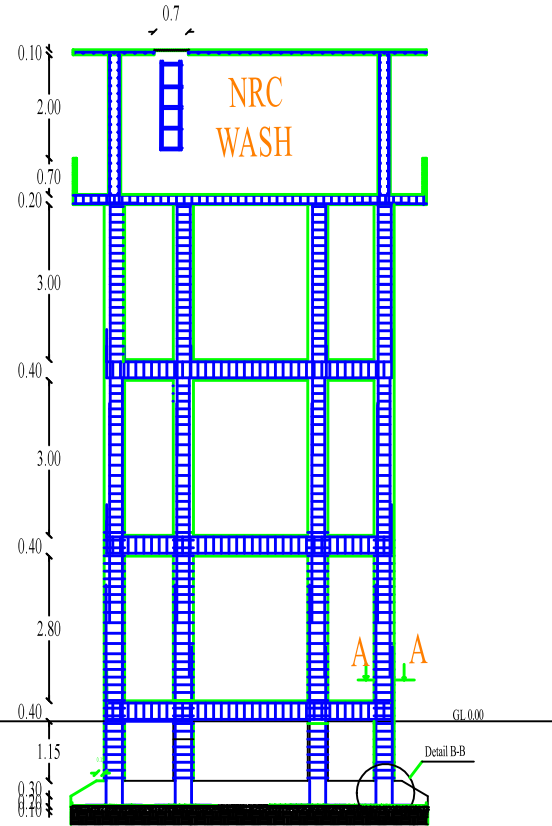
Boundary Wall and Project components Location inside.



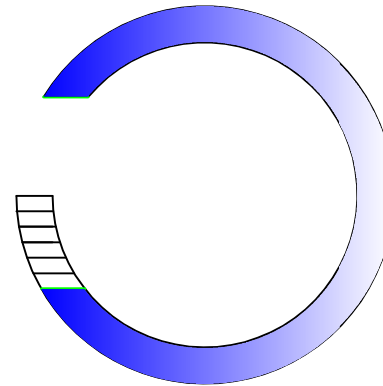
Section for Boundary wall



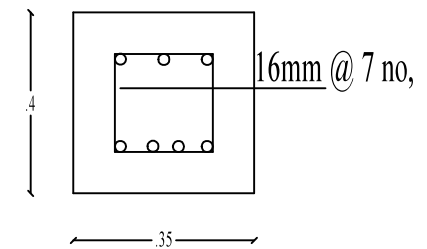
# Over Head Water Tank Cross Section E-E



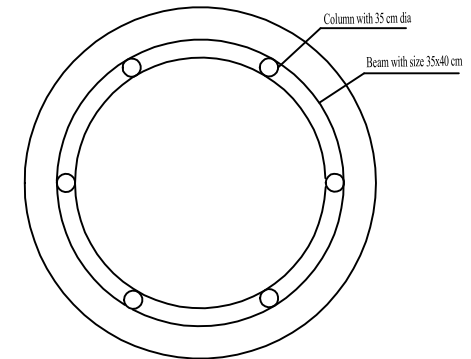
Steel Curve ladder plan



2-2, Section, Beam

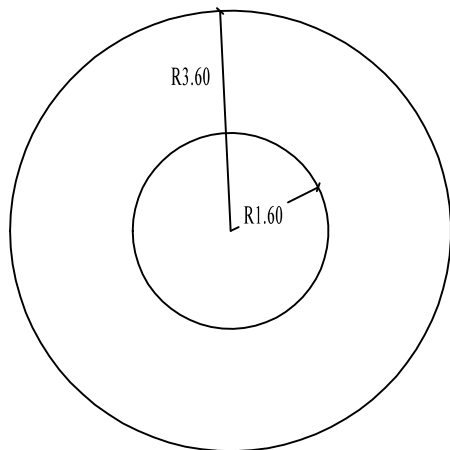


Reservoir Beam Plan

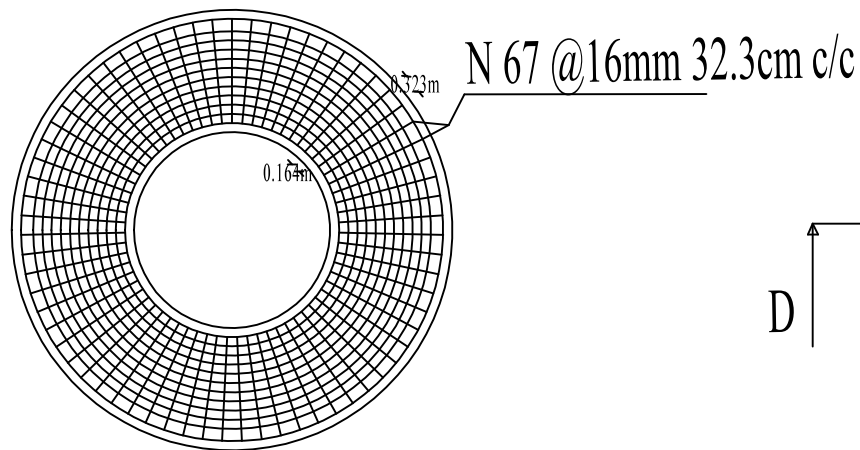


WASH-EAST	Project	Designed By	NRC East WASH Team	Department		Donor	BPRM
	Water supply Scheme- HH connection	Drawn By	Eng Farhad Aaqib	WASH		Project Code	AFFM-2101
		Checked By	Eng Basira Azimi				
				Title			
				Page			
				Scale	All dimentions are in meter		
				Note			

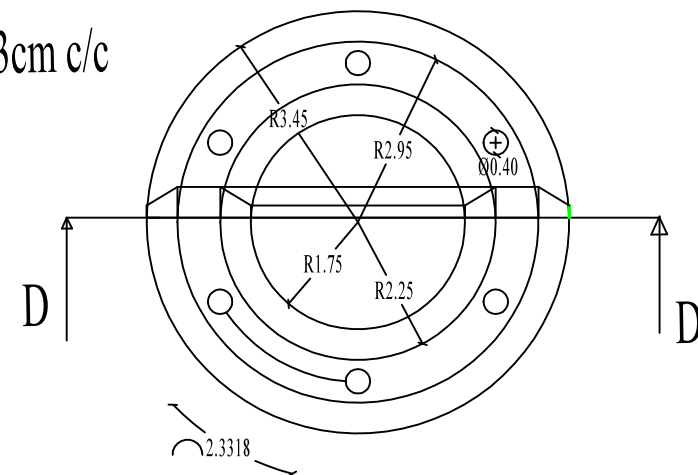
Foundation (Excavation) plan



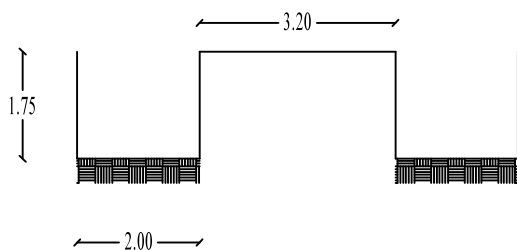
Footing Reinforcement Plan



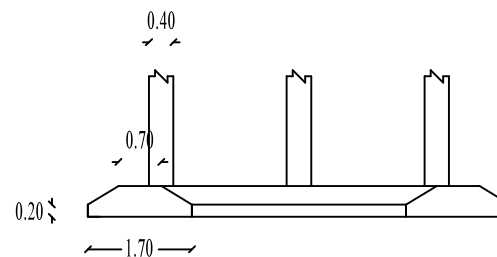
Footing Plan



Foundation (Excavation) View



D-D Section of the Footing



WASH-EAST	Project		Designed By	NRC East WASH Team	Department		Donor	
	Water supply scheme		Drawn By	Eng Farhad Aaqib	WASH		Project Code	
			Checked By	Eng Basira Azimi	Title			
					Page			
					Scale			
					Note			

# LEGEND

Proposed Well	○
Main line	—
Distribution Line	—
Reservoir Area	■
Tertiary Road	—
Village houses	3H
Agricultural Land	■
Mosque	■
Hill	■

## Kakrak (Gazak) Village of Khogygni District of Nangarhar Province Pipe Scheme Network Plan

### Proposed work

- 1- Drilling of New well
- 2- Construction of Boundary wall for Solar Panels
- 3- Construction of new distribution system
- 4- Construction of RCC Elevated Water Tank
- 5- Preparing of solar pump system

### Legend

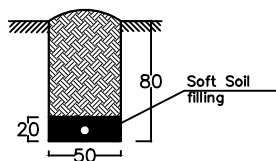
Node

40M3 RCC Elevated Water Tank

Out side diameter of PE pipe

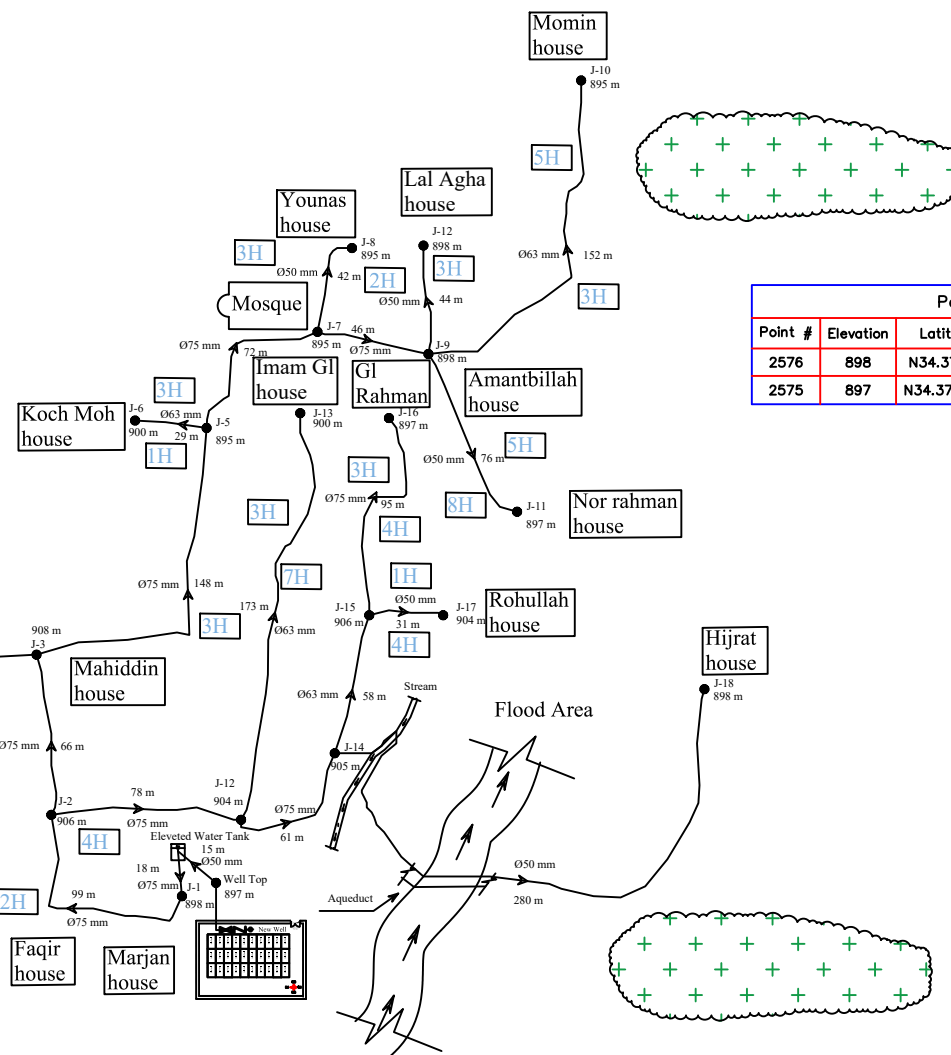
Gate Valve (GV)

check valve



### Pipe Trench Detail

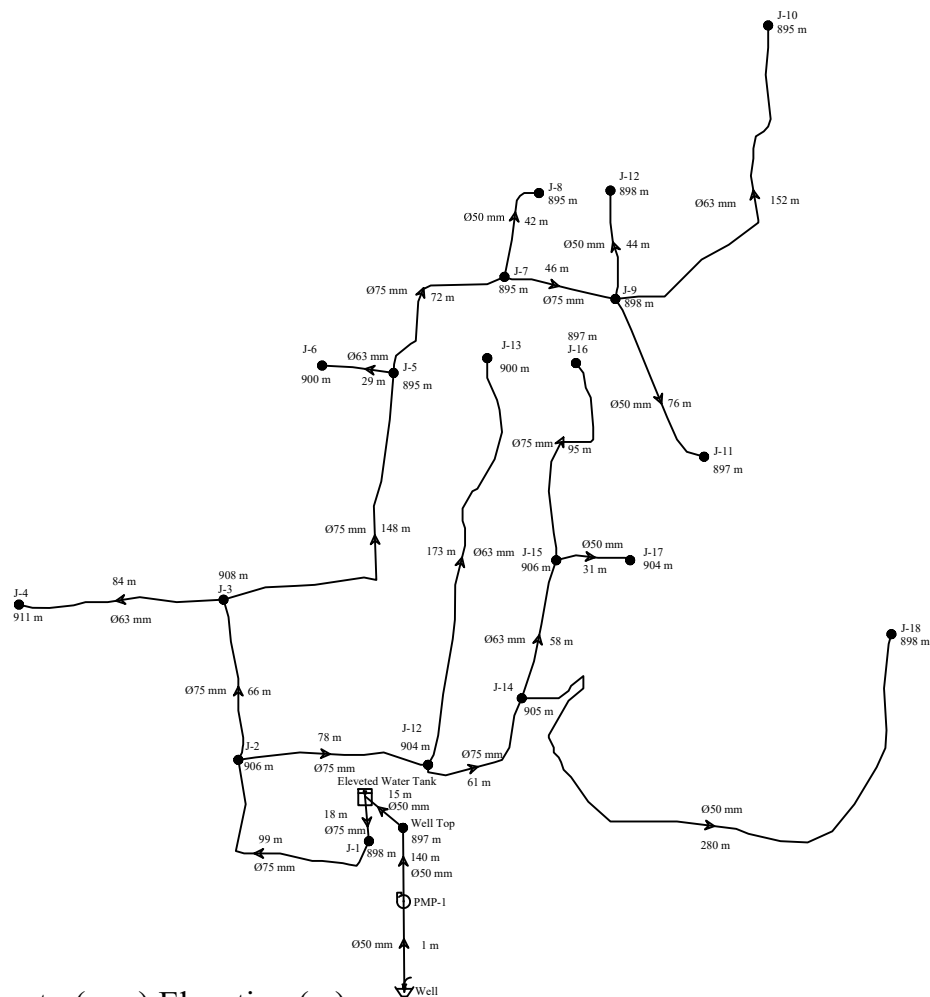
Note:  
 Type of soil :#4 to #5  
 Population : 190 Family  
 House Number: 78 Houses , 1 Mosque ,  
 Static water level : 40m  
 Dynamic water level : 80 m  
 Total depth : 140m  
 Drilling type : Rotary 12".






Point Table				
Point #	Elevation	Latitude	Longitude	Description
2576	898	N34.37471°	E70.13195°	Elevated Tank
2575	897	N34.37470°	E70.13186	Kakrak WELL

	SURVEYED BY	Eng.Farhad "Aaqeb"	CHECKED BY		SCALE	1:4200		PROVINCE	Nangarhar	PROJECT NAME	
	DESIGNED BY	Eng.Farhad "Aaqeb"	REVIEWED BY	Eng. Mohammad Haroon Lodin	DATE	22-02-2022		DISTRICT	Khogyani	Water Supply Project	
	DRAWN BY	Eng.Farhad "Aaqeb"	APPROVED BY		DRAWING NO.			VILLAGE	Gazak Kakrak	DRAWING TITLE	SITE PLAN

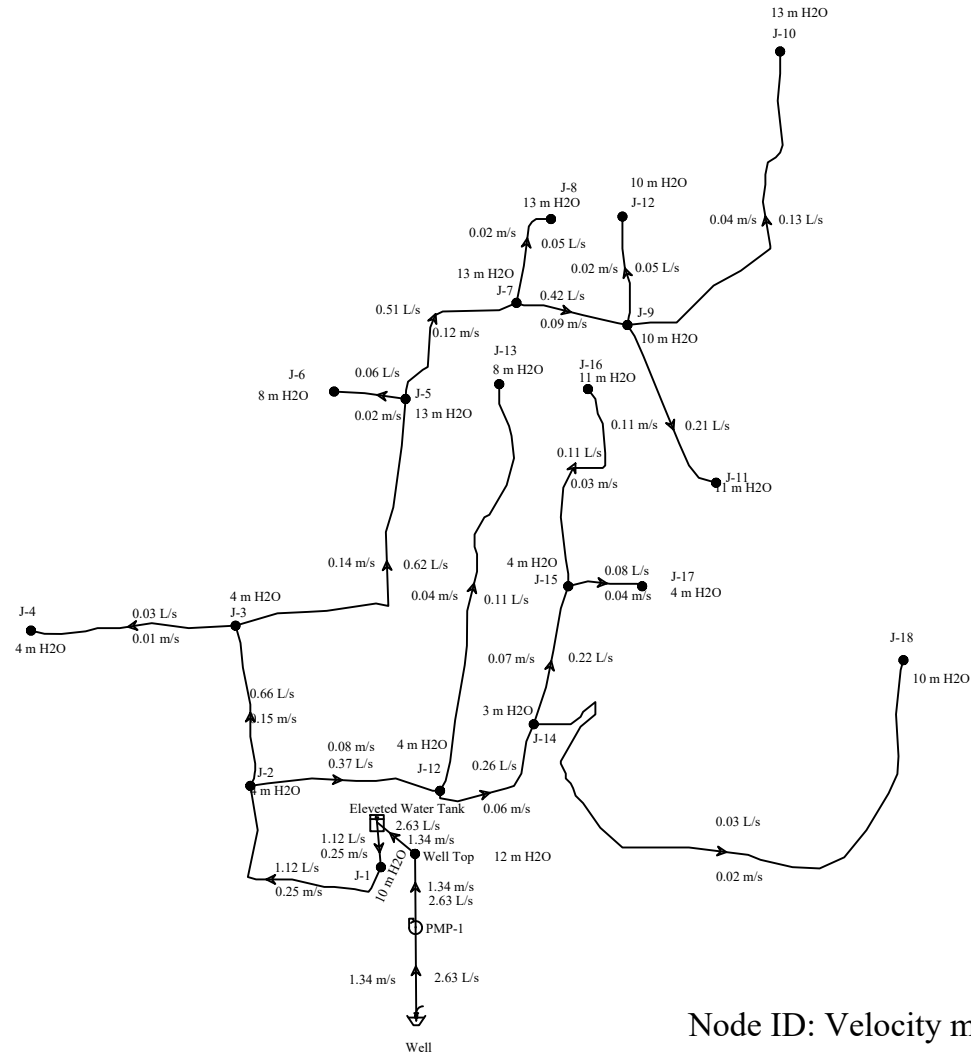
# Kakrak (Gazak) Village of Khogygni District of Nangarhar Province Hydraulic Design






Node ID: Length (m),Diameter(mm),Elevation (m)

 Norwegian Refugee Council 	SURVEYED BY	Eng. Farhad "Aaqeb"	CHECKED BY		SCALE	1:4200		PROVINCE	Nangarhar	PROJECT NAME	Water Supply Project
	DESIGNED BY	Eng. Farhad "Aaqeb"	REVIEWED BY	Eng. Mohammad Haroon Lodin	DATE	22-02-2022		DISTRICT	Khogyani		
	DRAWN BY	Eng. Farhad "Aaqeb"	APPROVED BY		DRAWING NO.			VILLAGE	Gazak Kakrak	DRAWING TITLE	Hydraulic Design

# Kakrak (Gazak) Village of Khogygni District of Nangarhar Province Hydraulic Design



 Norwegian Refugee Council 	SURVEYED BY	Eng. Farhad "Aaqeb"	CHECKED BY		SCALE	1:4200		PROVINCE	Nangarhar	PROJECT NAME	Water Supply Project
	DESIGNED BY	Eng. Farhad "Aaqeb"	REVIEWED BY	Eng. Mohammad Haroon Lodin	DATE	22-02-2022		DISTRICT	Khogyani		
	DRAWN BY	Eng. Farhad "Aaqeb"	APPROVED BY		DRAWING NO.			VILLAGE	Gazak Kakrak	DRAWING TITLE	Hydraulic Design