



**ACTION AGAINST HUNGER  
DAIKUNDI OFFICE  
WASH DEPARTMENT**

**(TECHNICAL DRAWING PART)**

**PROJECT NAME:**  
**WATER SUPPLY NETWORK PROJECT**

**JUN, 10, 2024**

**PREPARED BY: WASH DEPARTMENT**

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31	C1-106	ENLARGE PLAN ( Node ID, Flow, Velocity, Pressure head )



DW.No:

G-101

Action Against Hunger

WASH Department

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

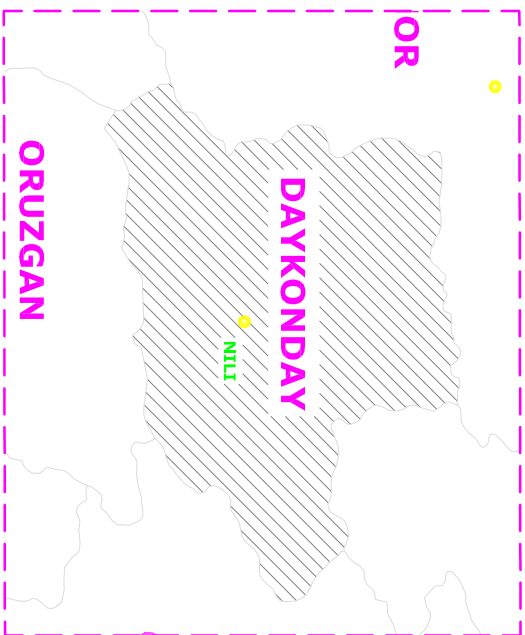
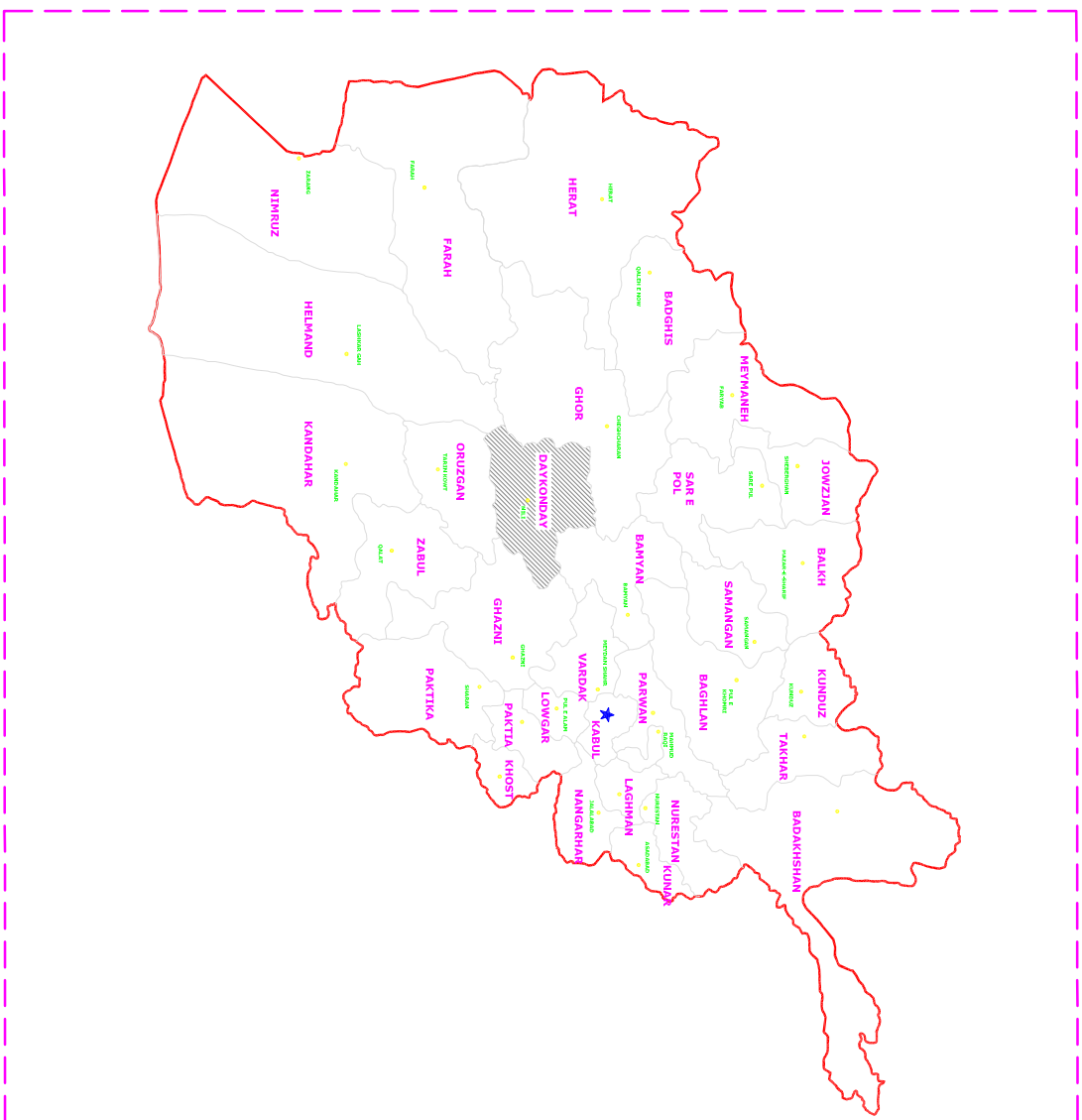
Design&Drawing by  
Chick by  
Approved by

Mohamad Nekandesh  
Mohamad Nekandesh  
Yaddullah Jalali

Scale:

Note: All dimension are in millimeter

# LOCATION OF PROJECT AT DAIKUNDI, AFGHANISTAN



DW.No:

G-102

Action Against Hunger

WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yaddullah Jalali

Scale:

Note: All dimension are in millimeter

# Site plan for Parwan Mirghulam Miramor- Networking project



DW.No:

G-103

Action Against Hunger

WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	(.....)	Approved by	Yaddullah Jalali

Scale:

Note: All dimension are in millimeter





## Spring Protection Plan



All GI and polyethylene pipes diameters must chose according to BoQ specification

SCALE: 1:20



A-101

WASH Department

District

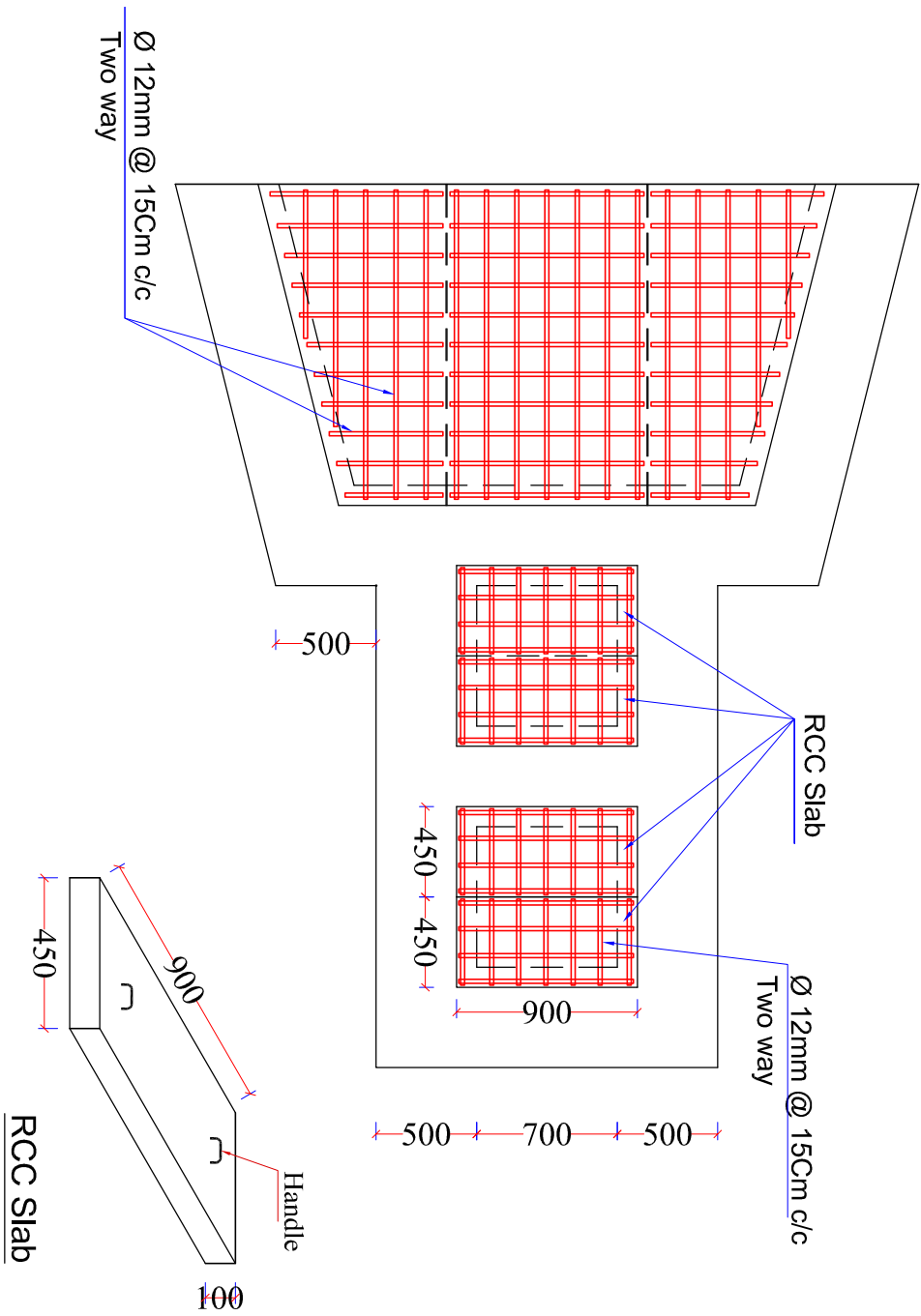
Miramor

Approved by

Yaddullah Jalali

Note: All dimension are in millimeter

# Spring Protection Structure Reinforcement



DW.No:

A-102

Action Against Hunger

WASH Department

Project Name

Water Supply

Design&Drawing by

Mohamad Nekandesh

Province

Daikundi

Chick by

Mohamad Nekandesh

District

Miramor

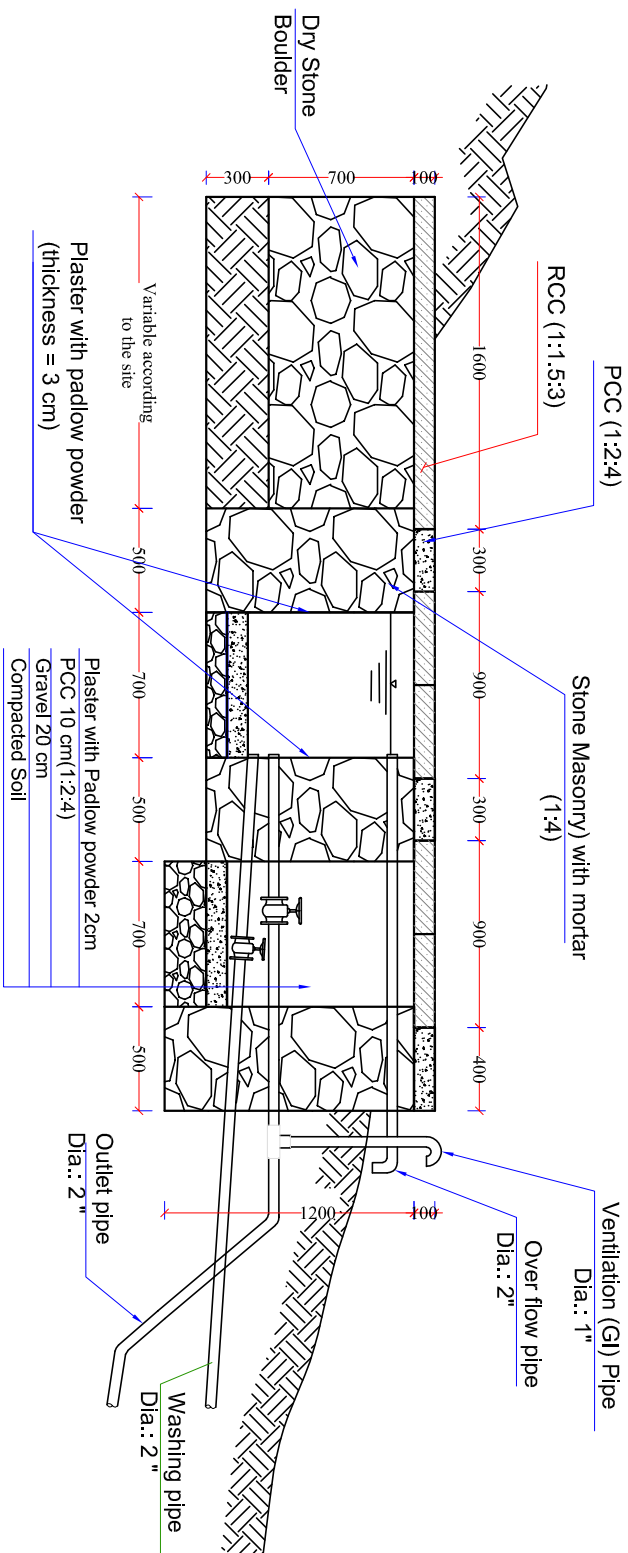
Approved by

Yaddullah Jalali

Scale:

Note: All dimension are in millimeter

**Note:**  
The inside of sedimentation and gate valve box should be plastered with cement-sand mortar and padlow powder.



## Section A - A

**Note:**  
All GI and polyethylene pipes diameters must chose according to BoQ specification



DW.No:

A-103

Action Against Hunger

WASH Department

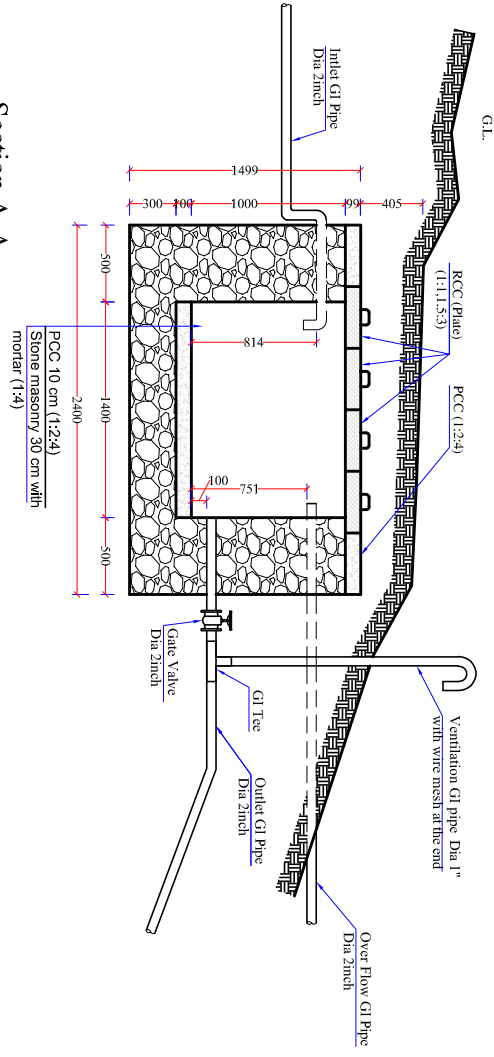
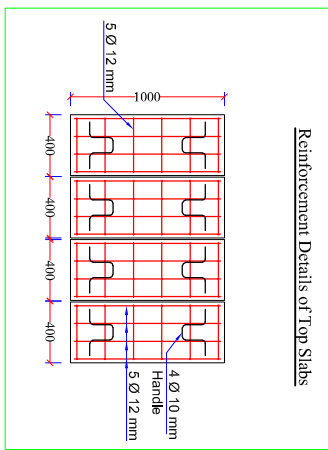
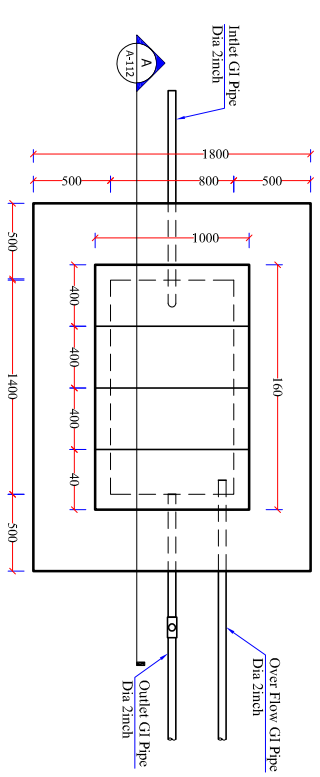
Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yaddullah Jalali

Scale:

Note: All dimension are in millimeter

- 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.

**BREAK PRESSURE TANK**



**Section A-A**

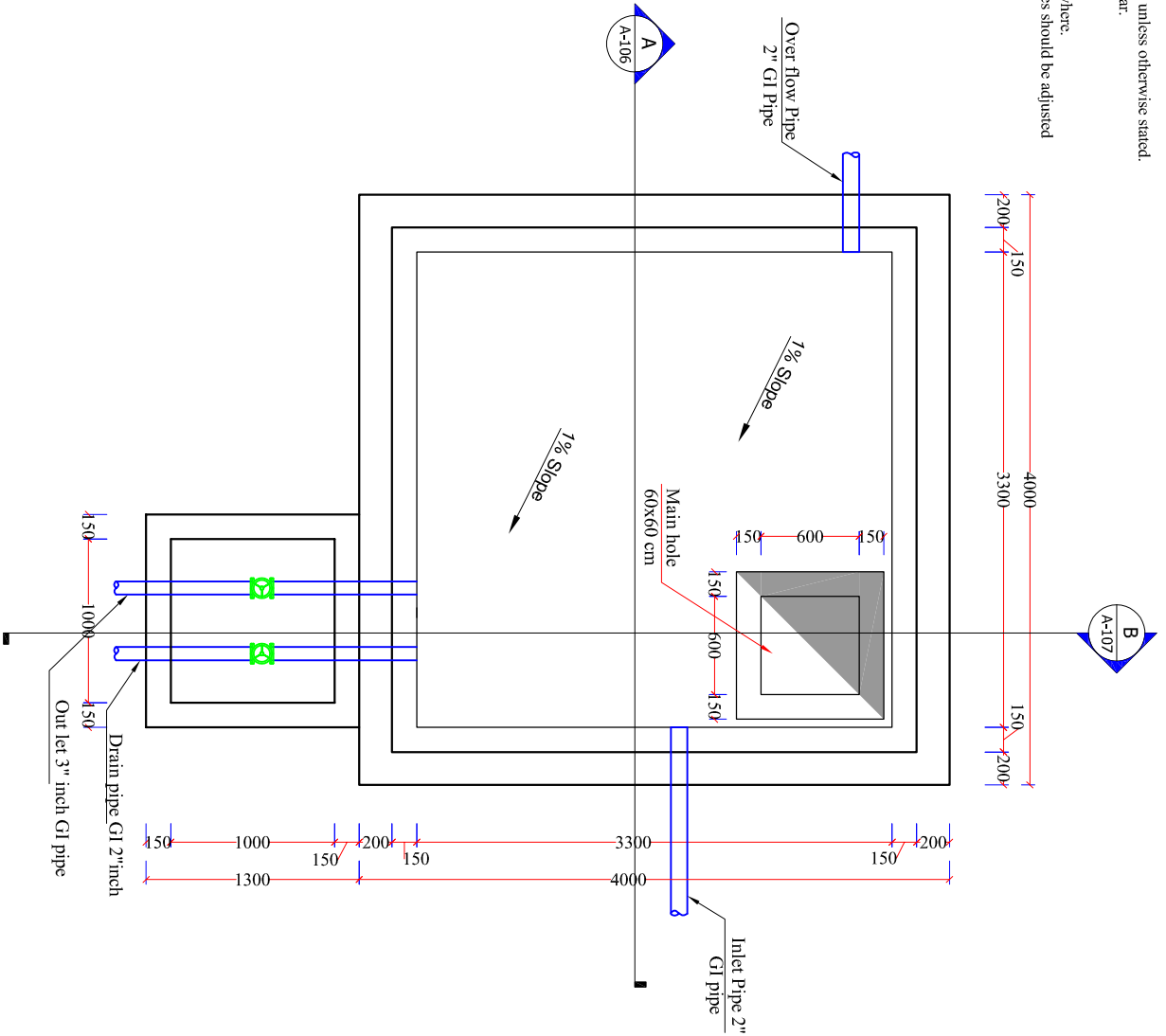
**Note:**  
All GI pipe and polyethylene pipe diameters chose according to BoQ specification



DW.No:	Action Against Hunger				Scale:
	WASH Department				Note: All dimension are in millimeter
A-104	Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh	
	Province	Daikundi	Chick by	Mohamad Nekandesh	
	District	Miramor	Approved by	Yaddullah Jalali	



- Note:**
- 1- All dimensions are in mm 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.



DW.No:

A-105

Action Against Hunger

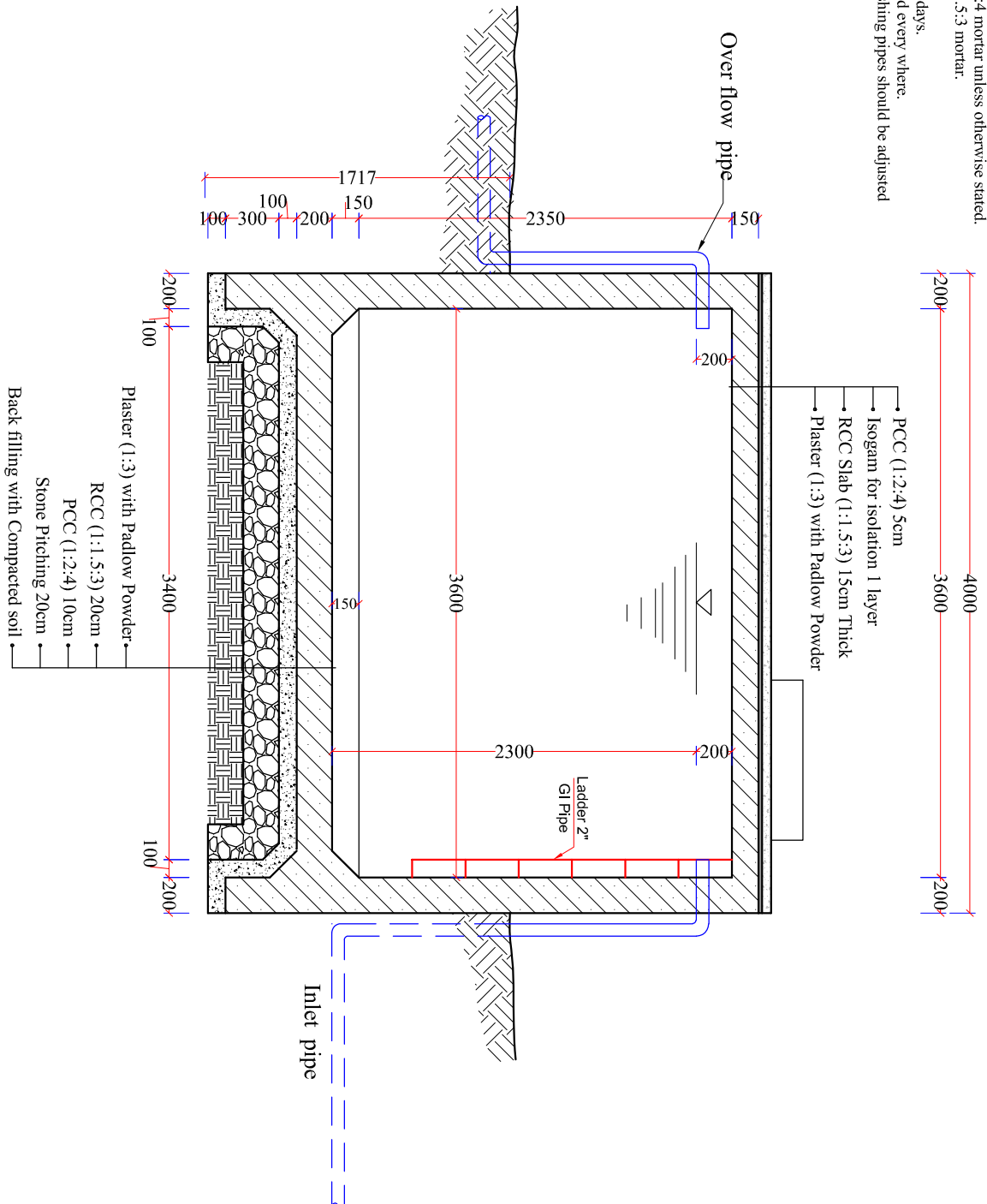
WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yadullah Jalali

Scale:

Note: All dimension are in millimeter

- Note:**
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  - 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.



DW.No:

A-106

Action Against Hunger

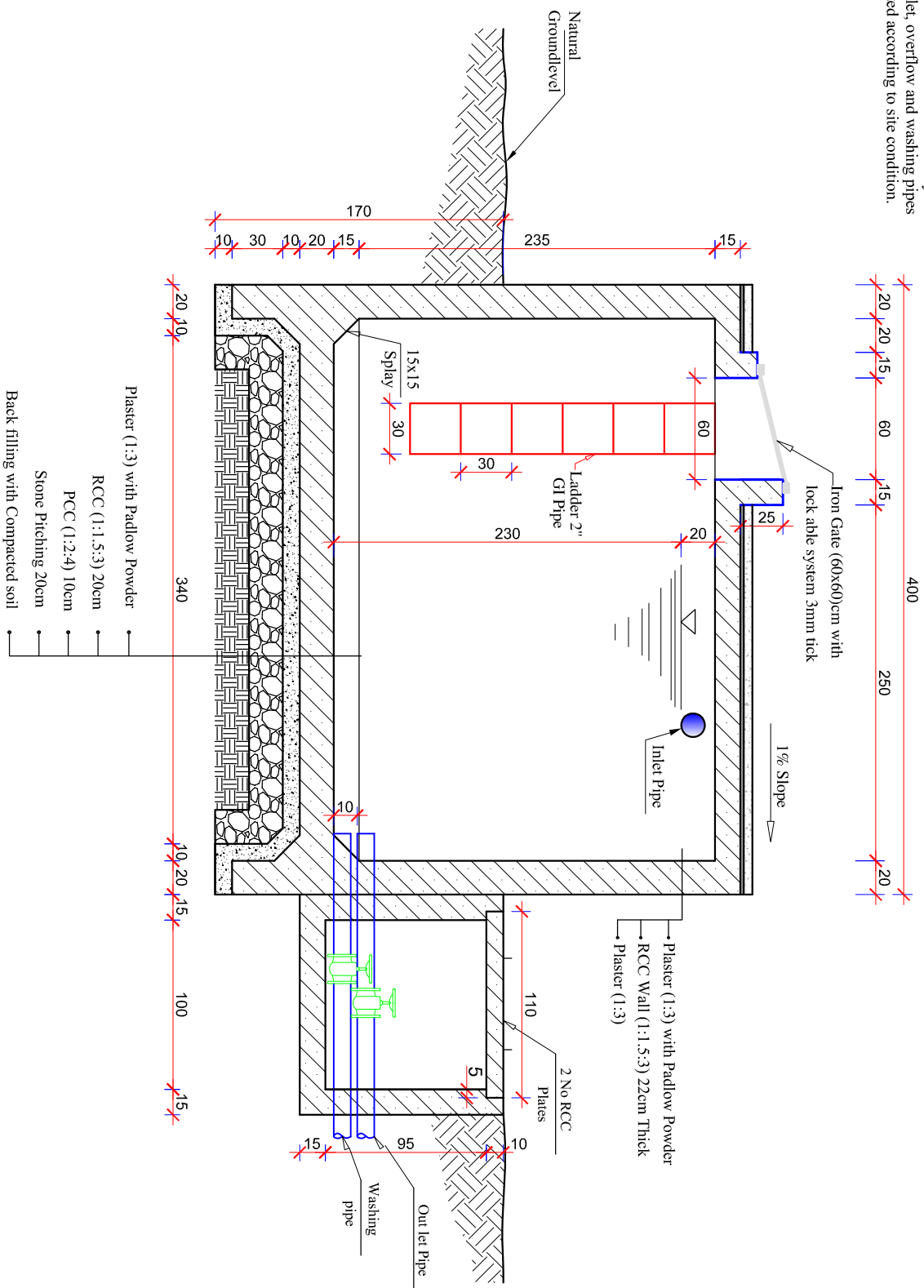
WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yadullah Jalali

Scale:

Note: All dimension are in millimeter

- Note:**
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  - 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.



A-107 RESERVOIR LONGITUDINAL SECTION (B-B)  
REF. SCALE: 1:25

Action Against Hunger

WASH Department

DW.No:

A-107

Project Name

Water Supply

Design&Drawing by

Mohamad Nekandesh

Province

Daikundi

Chick by

Mohamad Nekandesh

District

Miramar

Approved by

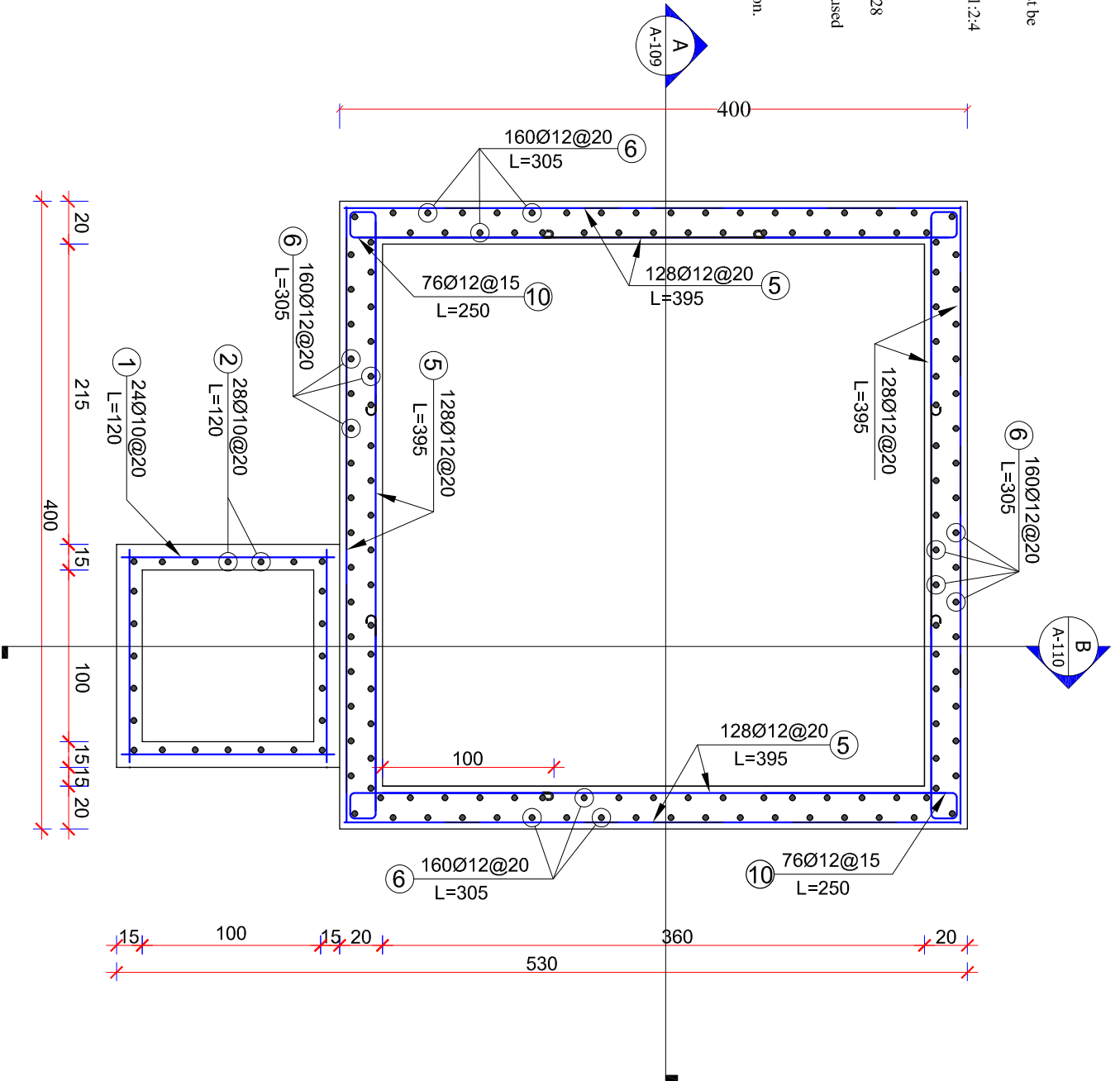
Yadullah Jalali

Scale:

Note: All dimension are in millimeter



- 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.



DW.No:

A-108

Action Against Hunger

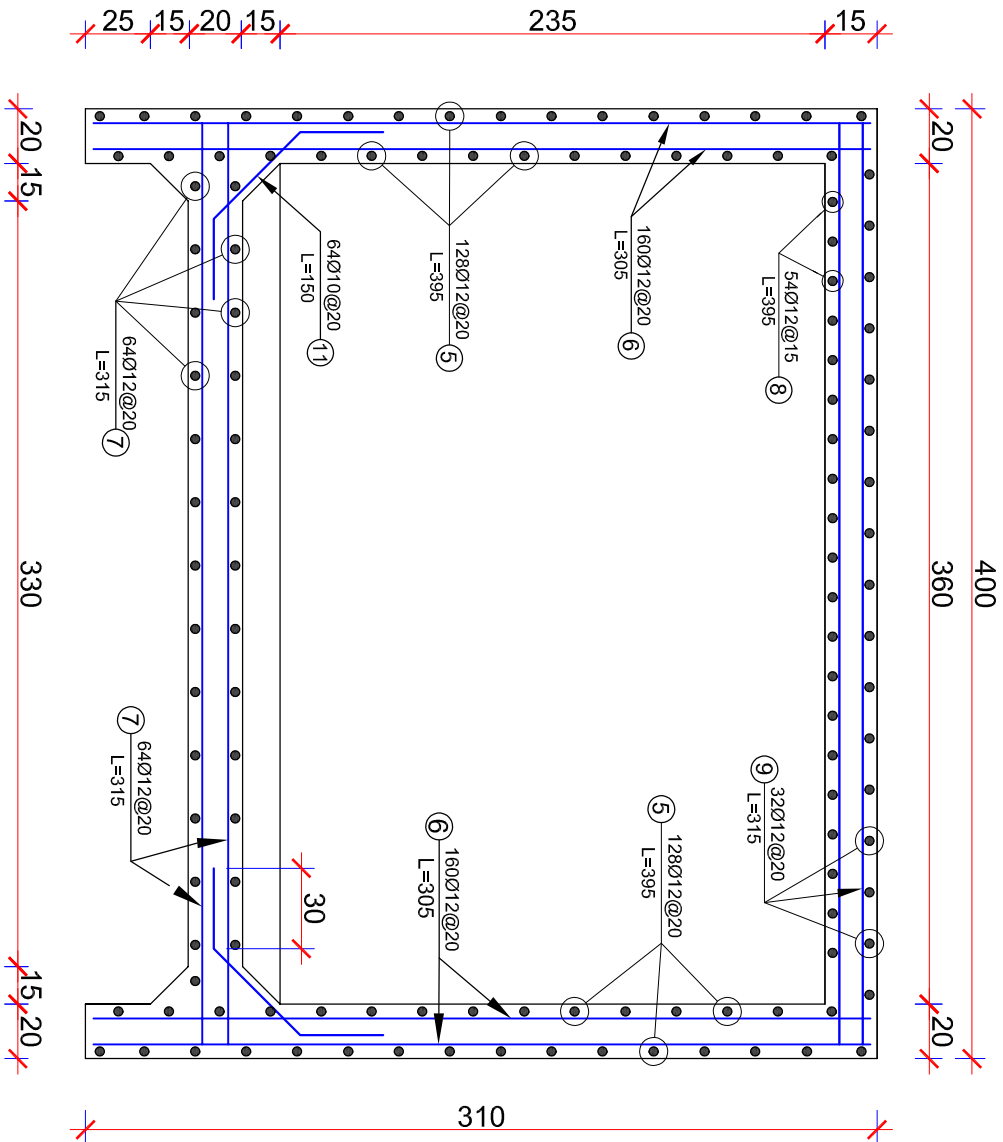
WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yadullah Jalali

Scale:

Note: All dimension are in millimeter

- Note:**
- 1- All dimensions are in cm unless otherwise stated.
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  - 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.



A-109 CROSS SECTION (A-A)

REF.

SCALE: 1:20



DW.No:

A-109

Action Against Hunger

WASH Department

Project Name

Water Supply

Design&Drawing by

Mohamad Nekandesh

Province

Daikundi

Chick by

Mohamad Nekandesh

District

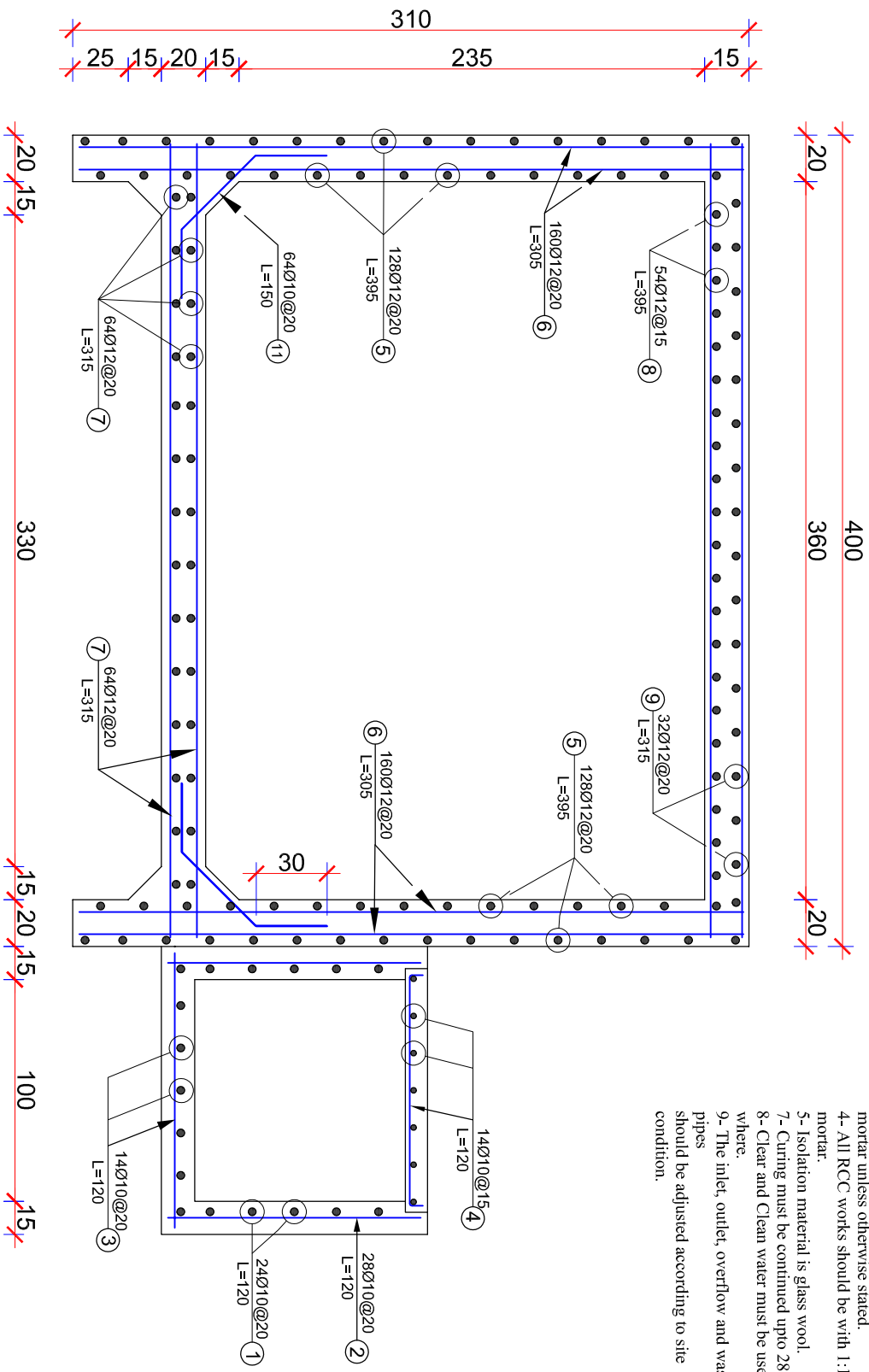
Miramor

Approved by

Yadullah Jalali

Scale:

Note: All dimension are in millimeter



- 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.

A-110 LONGITUDINAL SECTION (B-B)  
REF.  
SCALE: 1:20



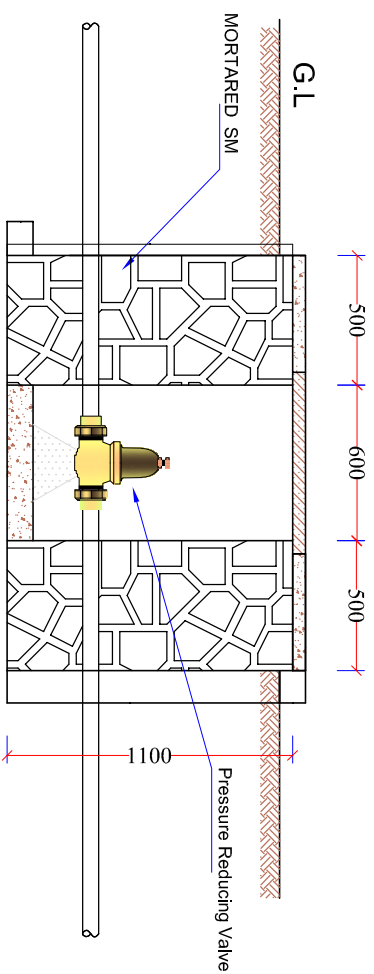
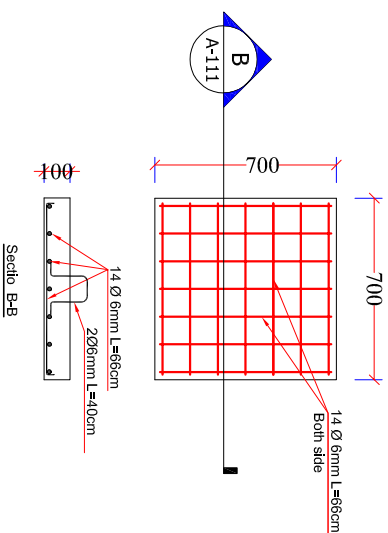
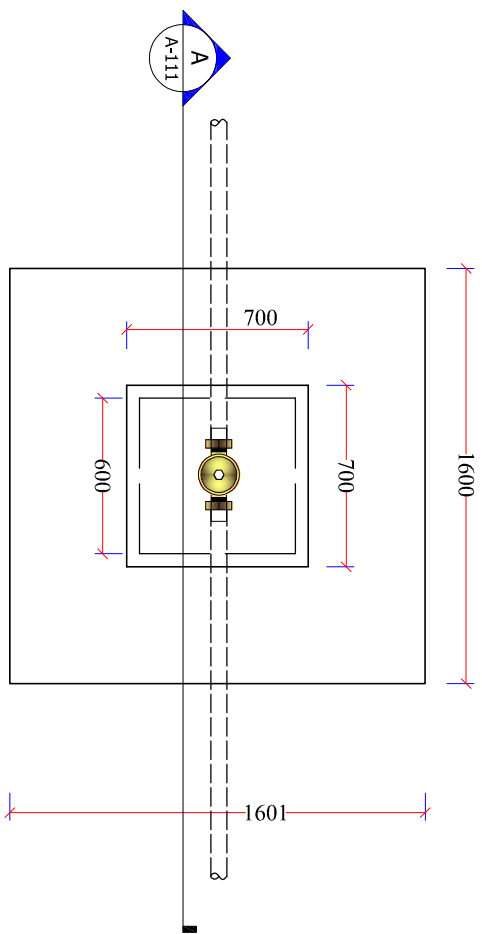
DW.No:  
  
A-110

Action Against Hunger			
WASH Department			
Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yadullah Jalali

Scale:  
  
Note: All dimension are in millimeter



# VALE BREAK PRESSURE



SECTION A-A

TYPICAL DIMENSIONS OF VALVE CHAMBER

S.NO.	DIMETER OF VALVE (mm.)	DIMENSION (mm.) (L x B)
1.	50	600 X600

**Note:**  
All GI and polyethylene pipes diameters must chose according to BoQ specification



DW.No:

A-111

Action Against Hunger

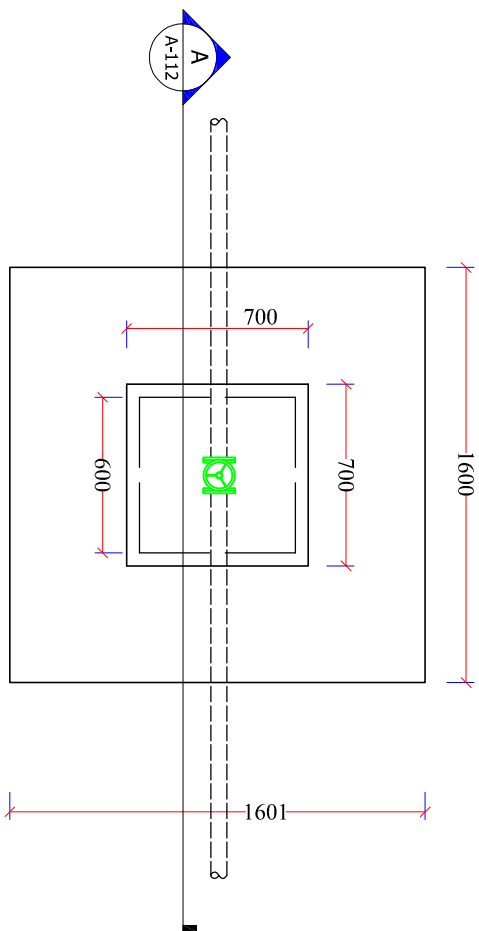
WASH Department

Project Name	Water Supply	Design&Drawing by	Mohamad Nekandesh
Province	Daikundi	Chick by	Mohamad Nekandesh
District	Miramor	Approved by	Yaddullah Jalali

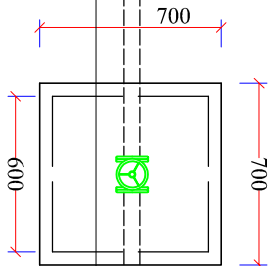
Scale:

Note: All dimension are in millimeter

# GATE VALE BOX FOR CONTROL



1600



700

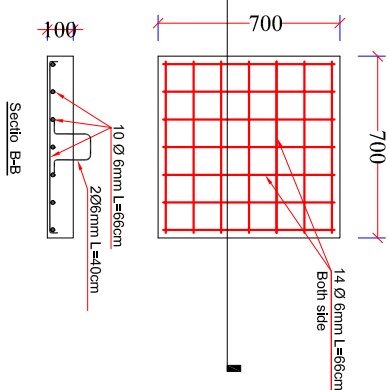
700

600

600

1601

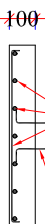
A  
A-112



Section B-B

14 Ø 6mm L=66cm

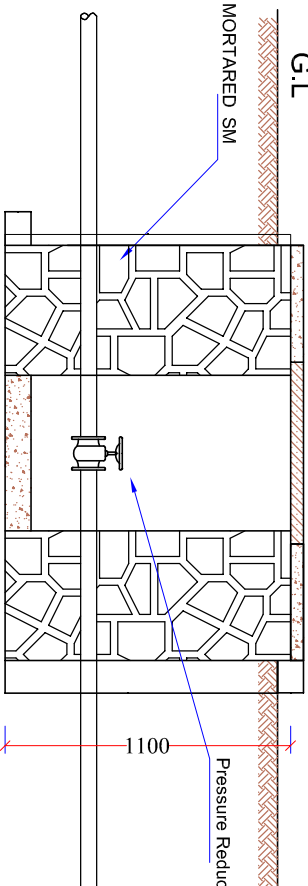
206mm L=40cm



Section B-B

G.L

MORTARED SM



Pressure Reducing Valve

1100

## SECTION A-A

### Note:

All GI and polyethylene pipes diameters must chose according to BoQ specification

A-112 | GATE VALE BOX

REF:

SCALE: 1:20

### TYPICAL DIMENSIONS OF VALVE CHAMBER

S.NO.	DIAMETER OF VALVE (mm.)	DIMENSION (mm.) (L x B)
1.	50	600 X600

Scale:

Note: All dimension are in millimeter

Action Against Hunger

WASH Department

DW.No:

A-112

Project Name

Water Supply

Design&Drawing by

Mohamad Nekandesh

Province

Daikundi

Chick by

Mohamad Nekandesh

District

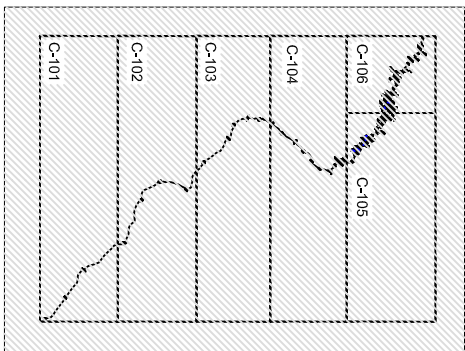
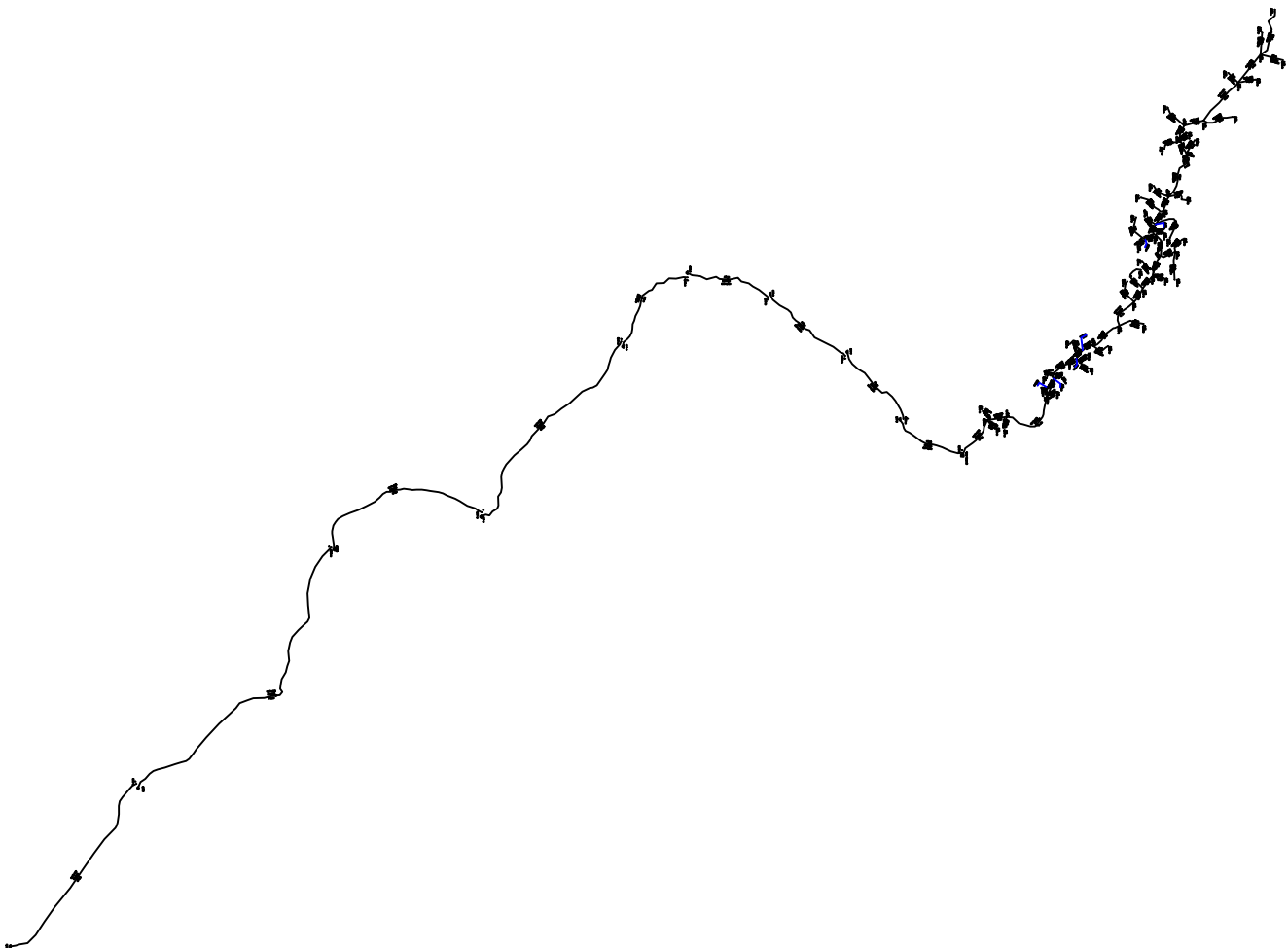
Miramor

Approved by

Yaddullah Jalali



1. Node ID:
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



SENZAJAR

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	3,722,744.00
B.P-T-1	300734.15	3720730.31
B.P-T-2	300151.00	3721209.03
B.P-T-3	300071.29	3721867.51
B.P-T-4	299655.18	3721914.52
B.P-T-5	299474.95	3722071.37
B.P-T-6	299526.11	3722274.19
B.P-T-7	299668.40	3722482.18
B.P-T-8	299833.15	3722900.56
V.B-P-1	299698.04	3723007.76
V.B-P-2	299,205.40	3,723,294.09

Action Against Hunger

WASH Department

DW.No:

C-100

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

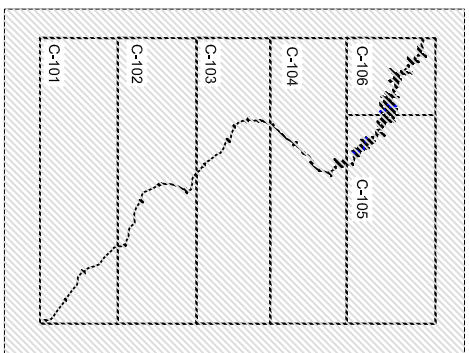
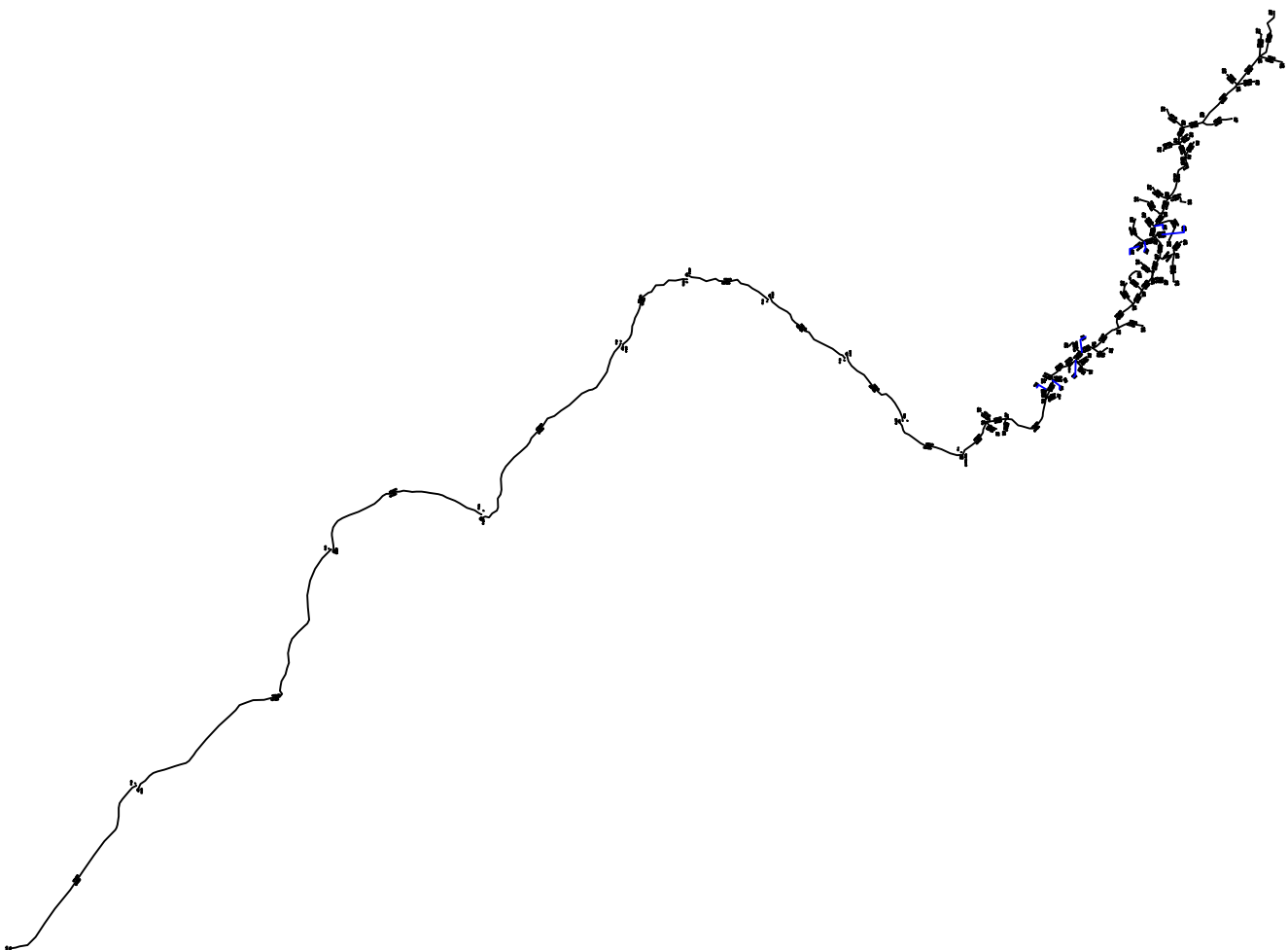
Design by  
Drawing& Lyout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	3,722,744.00
B.P.-1	300734.15	3720730.31
B.P.-2	300151.00	3721209.03
B.P.-3	300071.29	3721867.51
B.P.-4	299655.18	3721914.52
B.P.-5	299474.95	3722071.37
B.P.-6	299526.11	3722274.19
B.P.-7	299668.40	3722482.18
B.P.-8	299833.15	3722900.56
V.B.-1	299898.04	3723007.78
V.B.-2	299,205.40	3,723,294.09

Action Against Hunger

WASH Department

DW.No:

C1-100

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

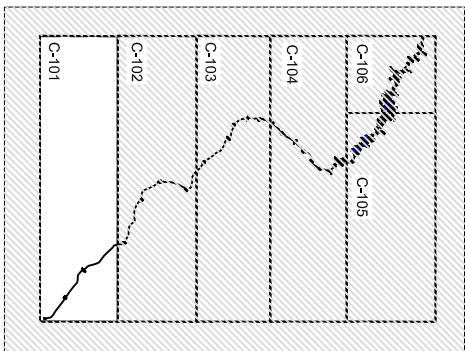
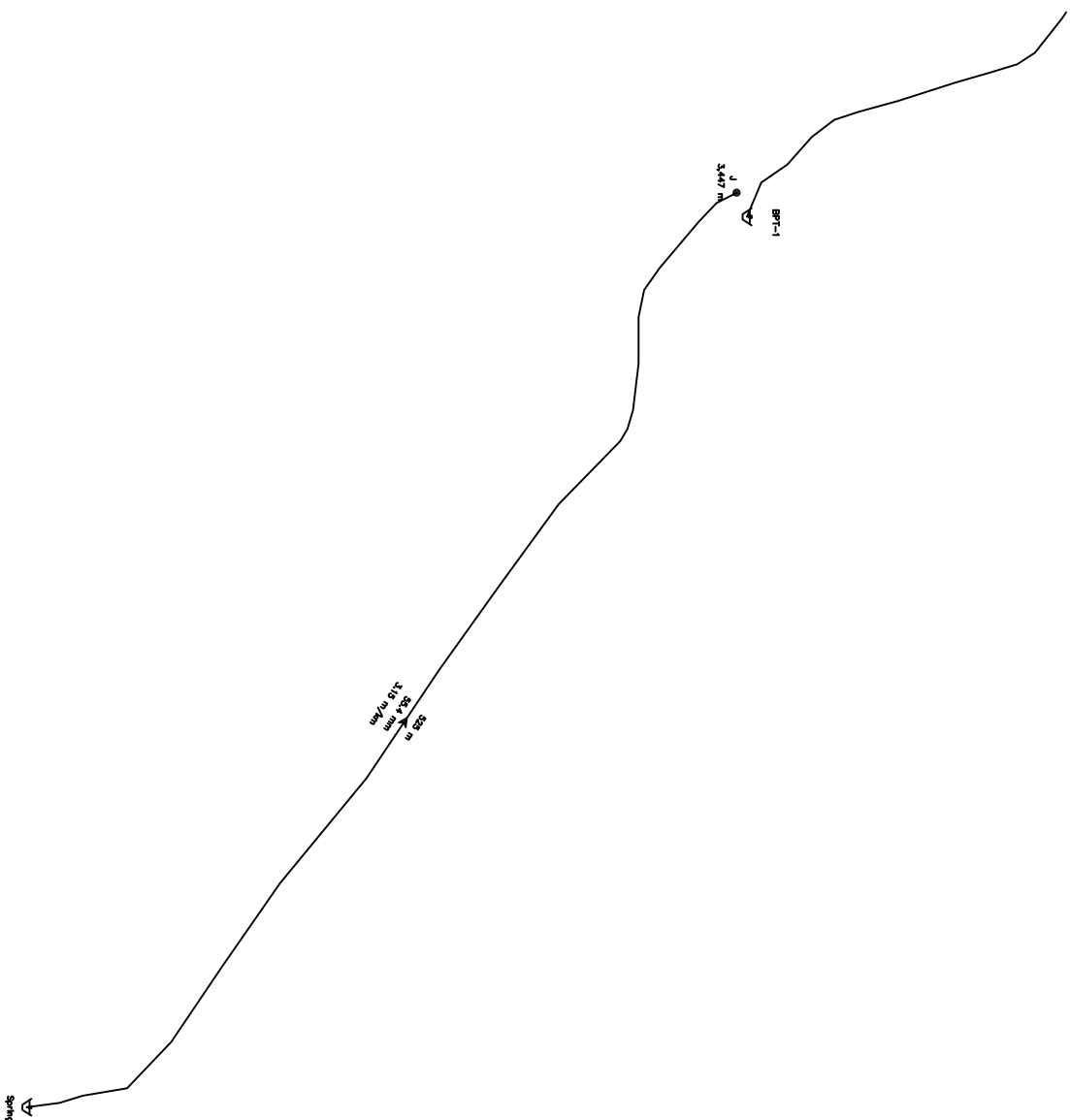
Design by  
Drawing& Layout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID:
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	ELEVATION
SPRING	30112.21	3547.00
RESERVOIR	29921.620	2732.00
B.P.-1	300734.15	3447.000
B.P.-2	30015.00	3348.000
B.P.-3	300071.29	3247.000
B.P.-4	299655.18	3147.000
B.P.-5	299474.95	3045.000
B.P.-6	299526.11	2943.000
B.P.-7	299668.40	2840.00
B.P.-8	299833.15	2740.00
V.B.-1	372300.76	2704.00
V.B.-2	3723294.09	2644.00

Action Against Hunger

WASH Department

DW.No:

C-101

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

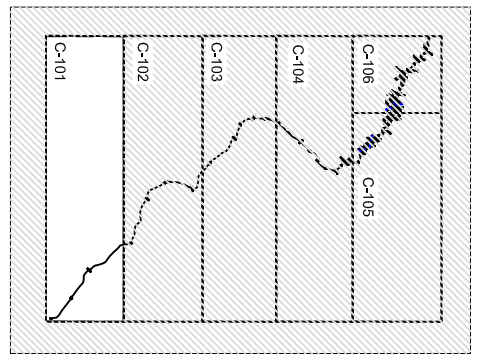
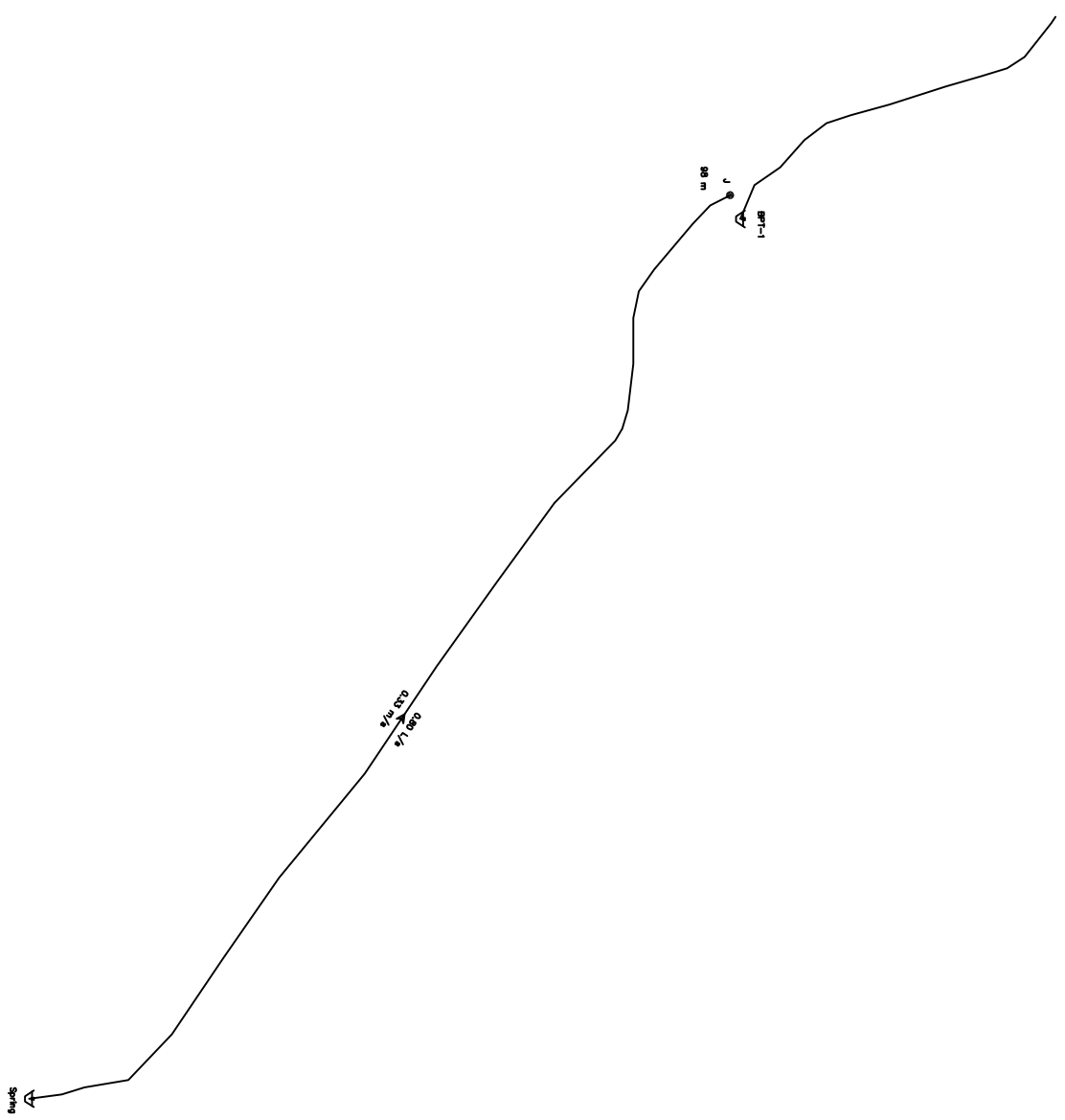
Design by  
Drawing& Lyout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)



SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	3722744.00
B.P.-1	300734.15	3720730.31
B.P.-2	30015.00	3721209.03
B.P.-3	300071.29	3721867.51
B.P.-4	299655.18	3721914.52
B.P.-5	299474.95	3722071.37
B.P.-6	299526.11	3722274.19
B.P.-7	299668.40	3722482.18
B.P.-8	299833.15	3722901.56
V.B.-1	299898.04	3723007.78
V.B.-2	299205.40	3723294.09

Action Against Hunger

WASH Department

DW.No:

C1-101

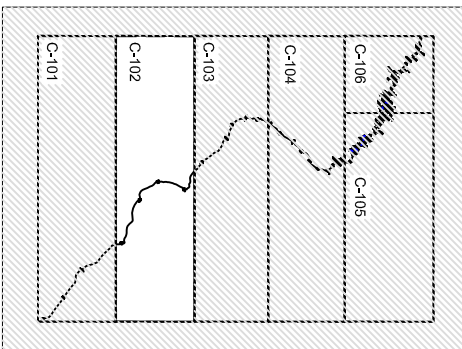
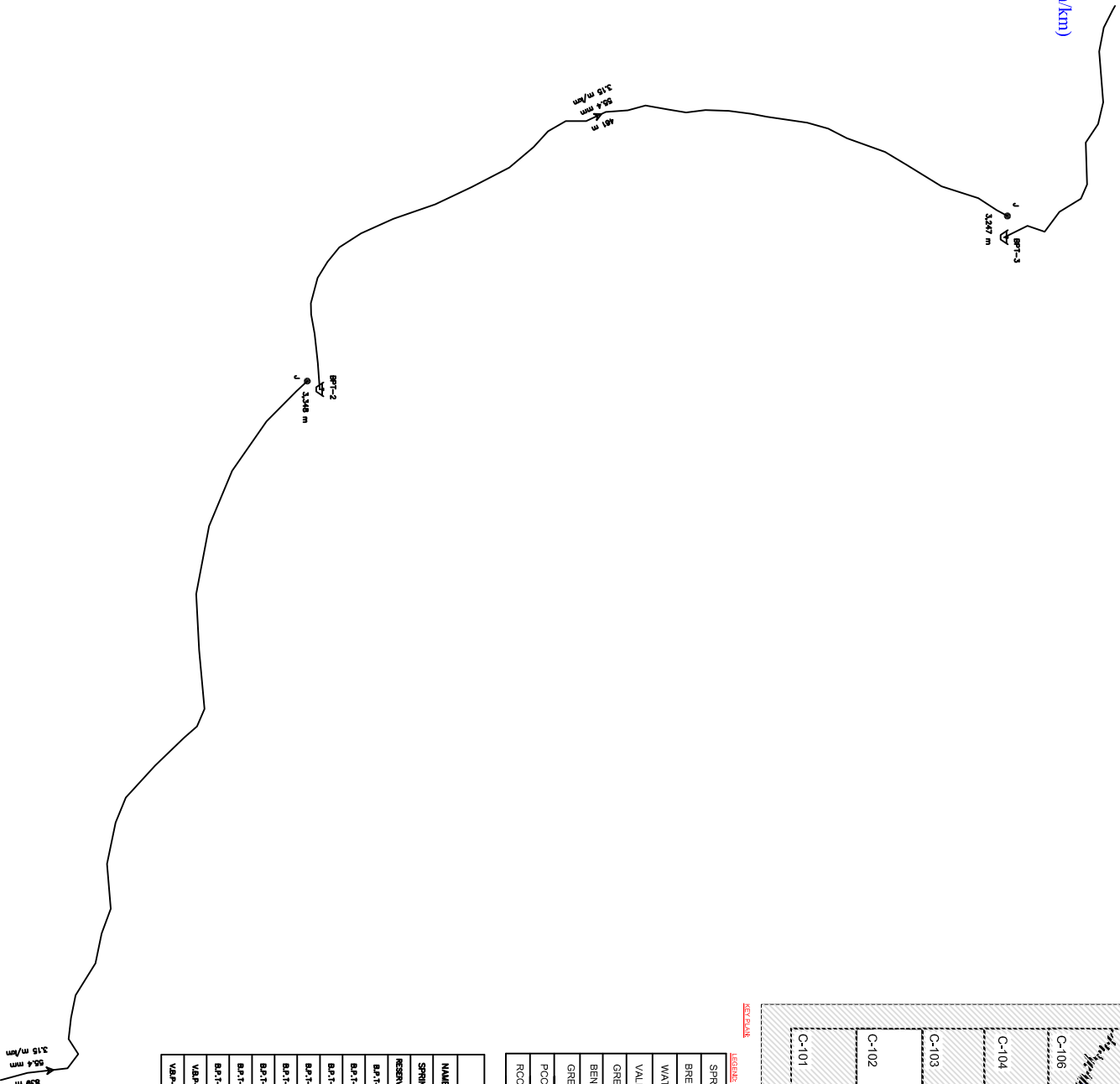
Project Name	Water Supply	Design by	Yaddullah Jalali
Province	Daikundi	Drawing& Layout by	Mohamad Nekandesh
District	Miramor	Approved by	.....

Note: All dimension showed in sheet





1. Node ID:
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS			
NAMES	EAST	NORTH	ELEVATION
SPRING	30112.21	3720417.38	3547.00
RESERVOIR	299921.620	37227744.00	2732.00
BR-1-1	300734.15	3720730.31	3447.000
BR-1-2	300151.00	3721209.03	3348.000
BR-1-3	300071.29	3721867.51	3247.000
BR-1-4	299655.18	3721914.52	3147.000
BR-1-5	299474.95	3722071.37	3045.000
BR-1-6	299326.11	3722274.19	2943.000
BR-1-7	299668.40	3722482.18	2840.000
BR-1-8	299833.15	3722900.56	2740.000
VA-P-1	299698.04	3723007.76	2704.000
VA-P-2	299205.40	3723294.09	2644.000

Action Against Hunger

WASH Department

DW.No:

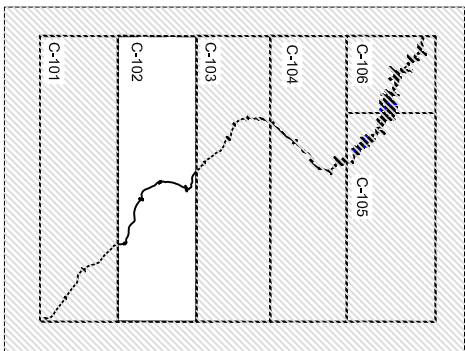
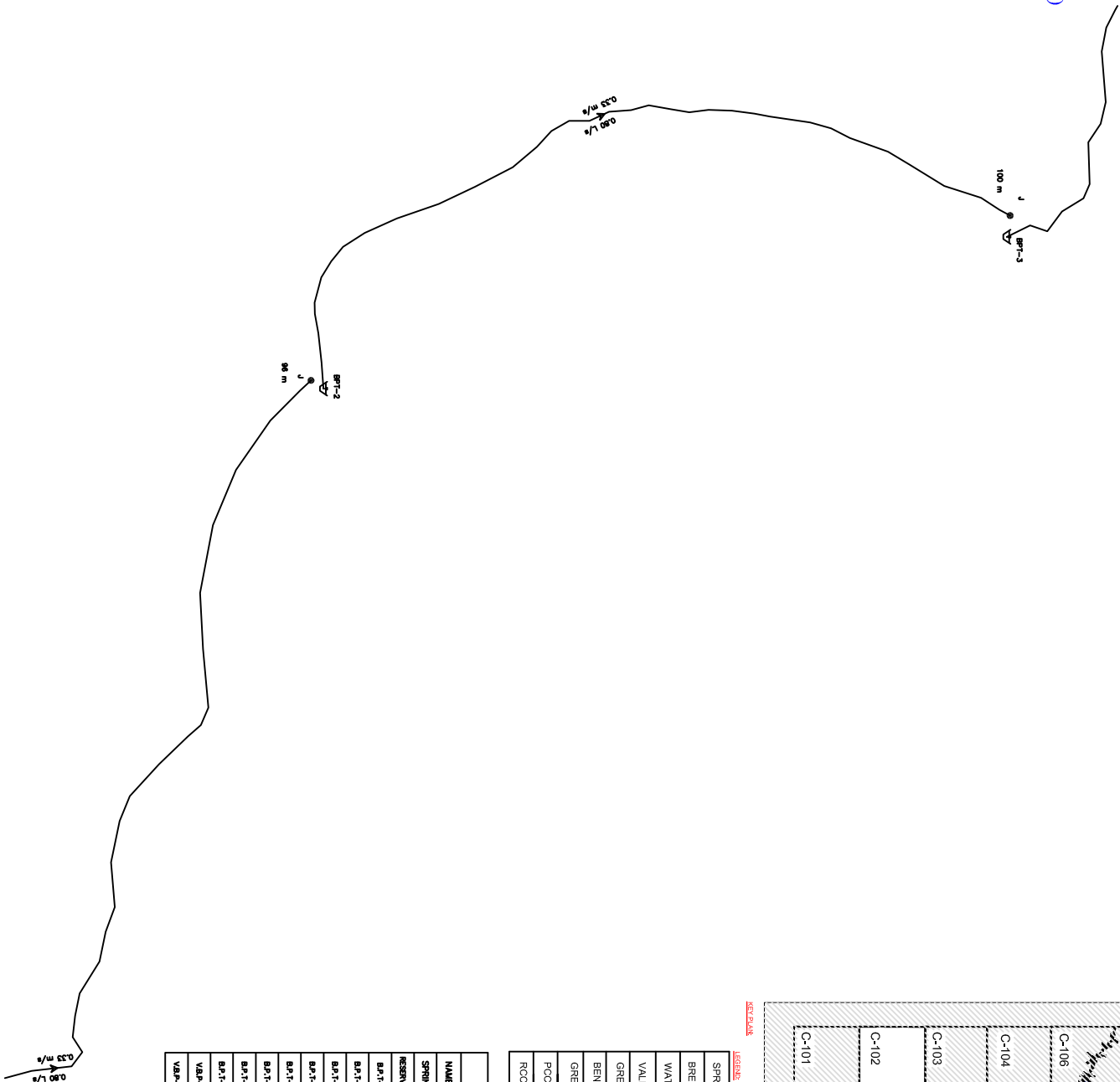
C-102

Project Name	Water Supply	Design by	Yaddullah Jalali
Province	Daikundi	Drawing& Lyout by	Mohamad Nekandesh
District	Miramor	Approved by	.....

Note: All dimension showed in sheet



1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS			
NAMES	EAST	NORTH	ELEVATION
SPRING	30112.21	3720417.38	3547.00
RESERVOIR	299921.620	37227744.00	2732.00
BR-1-1	300734.15	3720730.31	3447.000
BR-1-2	300151.00	3721209.03	3348.000
BR-1-3	300071.29	3721867.51	3247.000
BR-1-4	299655.18	3721914.52	3147.000
BR-1-5	299474.95	3722071.37	3045.000
BR-1-6	299326.11	3722274.19	2943.000
BR-1-7	299668.40	3722482.18	2840.00
BR-1-8	299833.15	3722900.56	2740.00
VA-P-1	299698.04	3723007.76	2704.00
VA-P-2	299205.40	3723294.09	2644.00

Action Against Hunger

WASH Department

DW.No:

C1-102

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

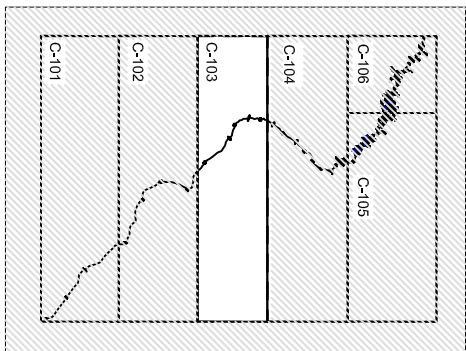
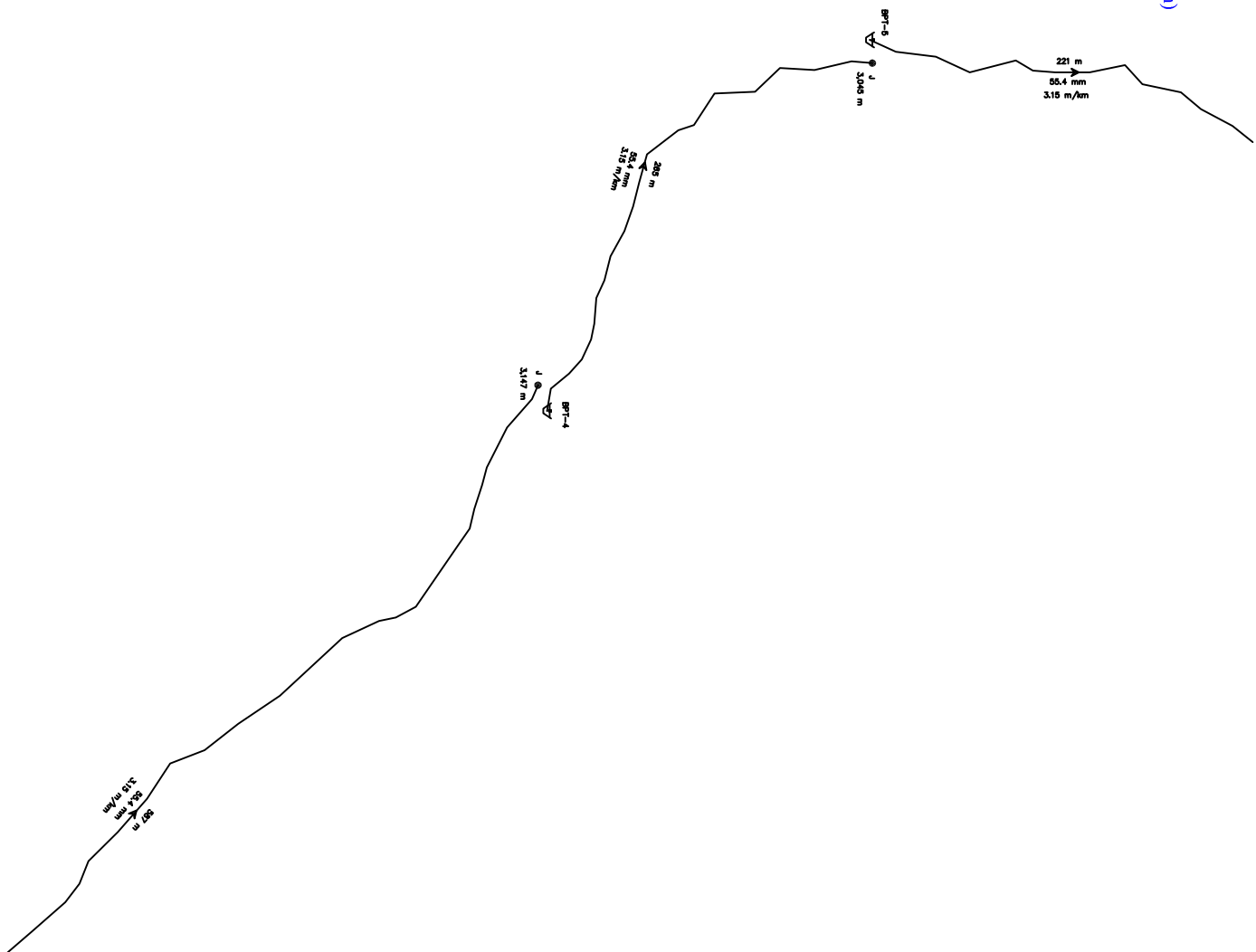
Design by  
Drawing& Layout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID:
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	3,722,744.00
BR-T-1	300734.15	3720730.31
BR-T-2	300151.00	3721209.03
BR-T-3	300071.29	3721867.51
BR-T-4	299655.18	3721914.52
BR-T-5	299474.95	3722071.37
BR-T-6	299526.11	3722274.19
BR-T-7	299668.40	3722482.18
BR-T-8	299833.15	3722900.56
VA-P-1	299698.04	3723007.75
VA-P-2	299,205.40	3,723,294.09

Action Against Hunger

WASH Department

DW.No:

C-103

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

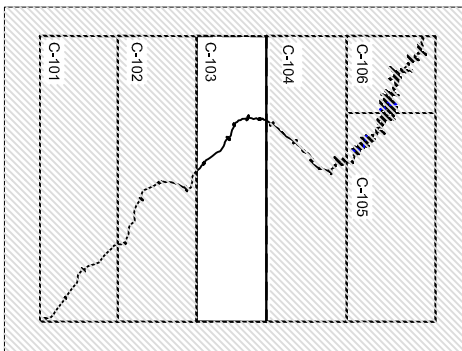
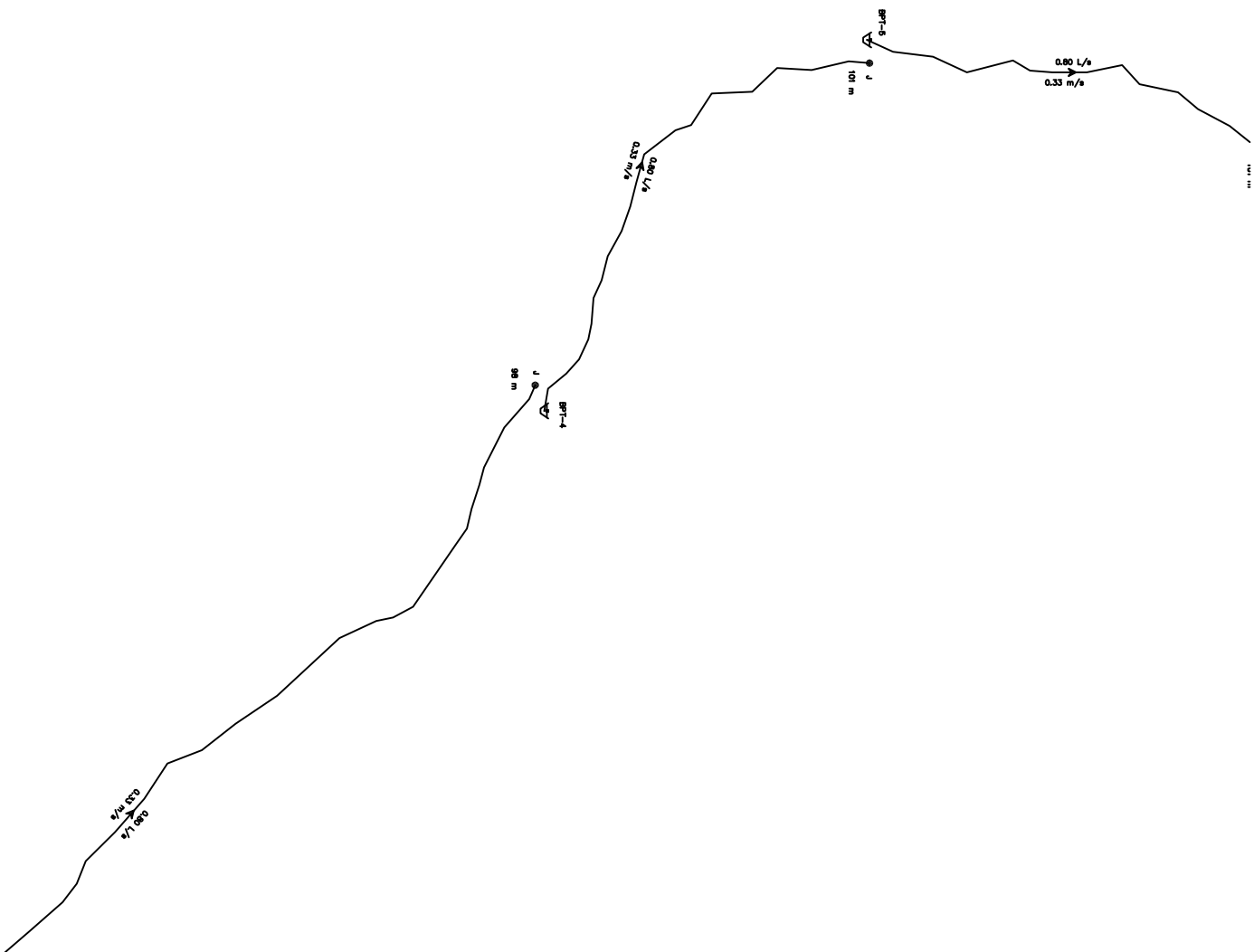
Design by  
Drawing& Lyout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)



LEGEND

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	3722744.00
B.P.T-1	300734.15	3720730.31
B.P.T-2	30015.00	3721209.03
B.P.T-3	300071.29	3721867.51
B.P.T-4	299655.18	3721914.52
B.P.T-5	299474.95	3722071.37
B.P.T-6	299526.11	3722274.19
B.P.T-7	299668.40	3722482.18
B.P.T-8	299833.15	3722900.56
V.B.P-1	299698.04	3723007.78
V.B.P-2	299205.40	3723294.09

Action Against Hunger

WASH Department

DW.No:

C1-103

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

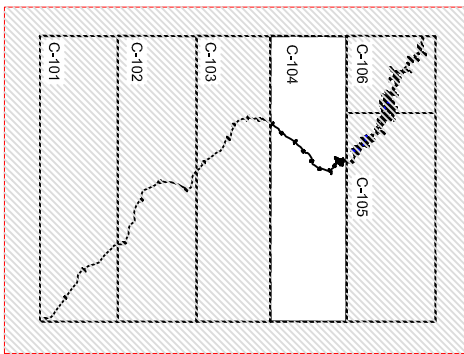
Design by  
Drawing& Layout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



- 



### LEGENDA:

COORDINATIONS			
NAMES	EAST	NORTH	ELEVATION
SPRING	301121.21	3720417.38	3541.00
RESERVOIR	299921.620	37222.44.00	3732.00
B.P.1-6	300734.15	3720730.31	3447.000
B.P.1-2	300151.00	3721609.03	3346.000
B.P.1-3	300071.29	3721667.61	3547.000
B.P.1-4	299855.18	3721914.62	3147.000
B.P.1-5	299474.65	3722071.37	3045.000
B.P.1-6	299626.11	3722274.19	2843.000
B.P.1-7	299655.40	37222462.18	2840.00
B.P.1-8	299638.15	37229901.56	2746.00
V.B.0-1	299966.04	37232907.76	2704.00
V.B.0-2	2991202.40	3723294.09	2644.00

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1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)

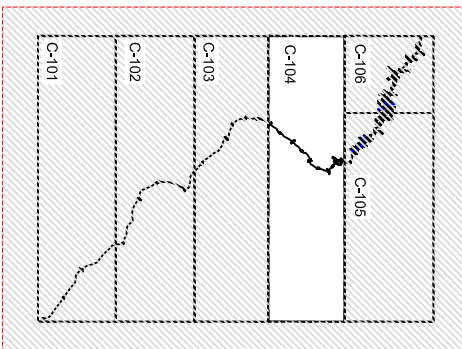
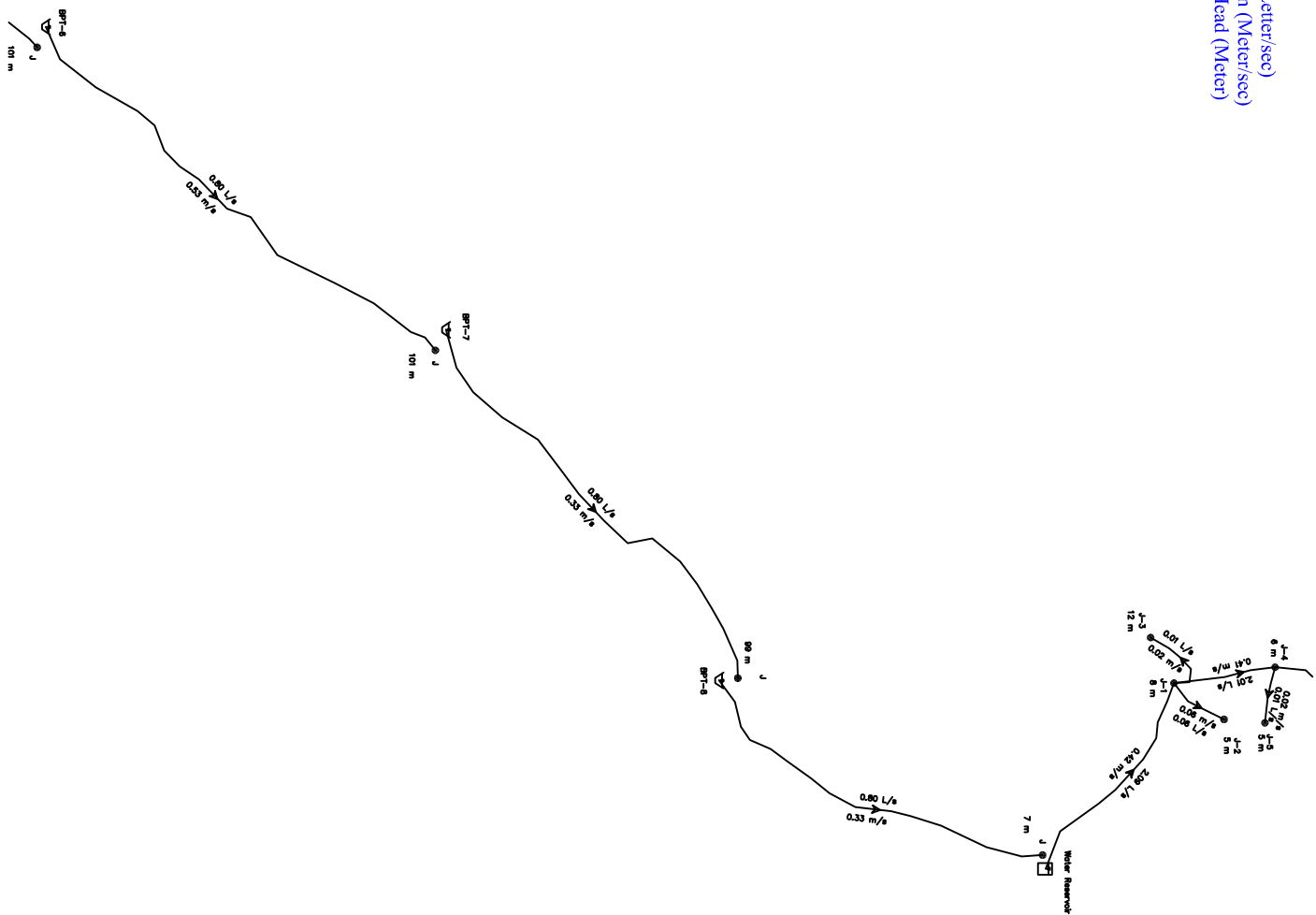


Figure 1: Topographic map

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
POC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	30112.21	3720417.38
RESERVOIR	299921.620	37227744.00
B.P.T-1	300734.15	3720730.31
B.P.T-2	30015.00	3721209.03
B.P.T-3	300071.29	3721867.51
B.P.T-4	299474.95	3722071.37
B.P.T-5	299655.18	3721914.52
B.P.T-6	299526.11	3722274.19
B.P.T-7	299668.40	3722482.18
B.P.T-8	299633.15	3722900.56
V.B.P-1	299696.04	3723007.76
V.B.P-2	299205.40	3723294.09

Action Against Hunger

WASH Department

DW.No:

C1-104

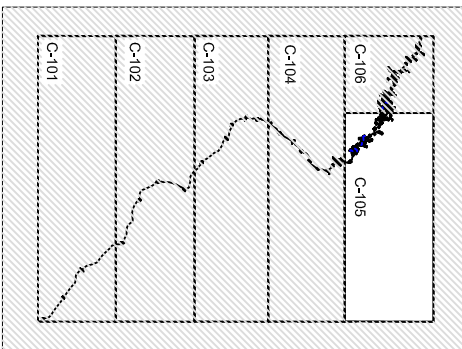
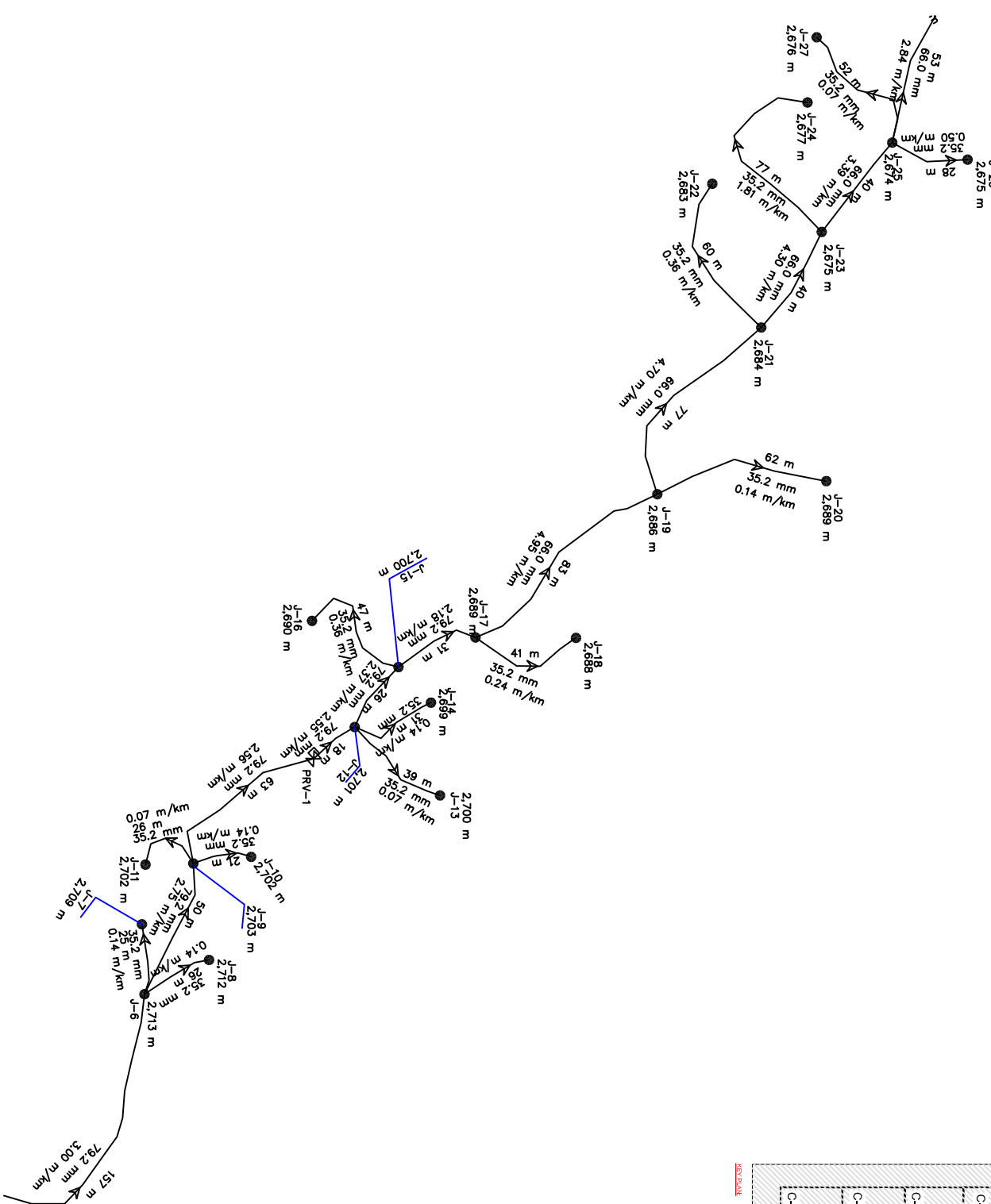
Project Name	Water Supply	Design by	Yaddullah Jalali
Province	Daikundi	Drawing& Layout by	Mohamad Nekandesh
District	Miramor	Approved by	.....

Note: All dimension showed in sheet





1. Node ID:
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
PCC	
RCC	

COORDINATIONS			
NAMES	EAST	NORTH	ELEVATION
SPRING	301121.21	3720417.38	3547.00
RESERVOIR	299821.620	3722744.00	2732.00
B.A-1-1	300734.15	3720730.31	3447.000
B.A-1-2	300151.00	3721208.03	3348.000
B.A-1-3	300071.29	3721667.51	3247.000
B.A-1-4	299855.18	3721914.52	3147.000
B.A-1-5	299474.55	3722071.37	3045.000
B.A-1-6	299526.11	3722274.19	2943.000
B.A-1-7	299668.40	3722482.18	2844.000
B.A-1-8	299833.15	3722900.56	2740.000
V.A-P-1	299898.04	3723007.75	2704.000
V.A-P-2	299205.40	3723294.09	2644.000

Action Against Hunger

WASH Department

DW.No:

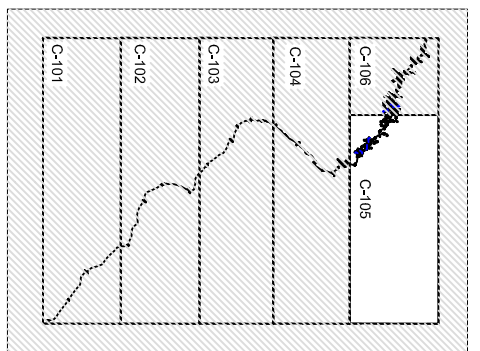
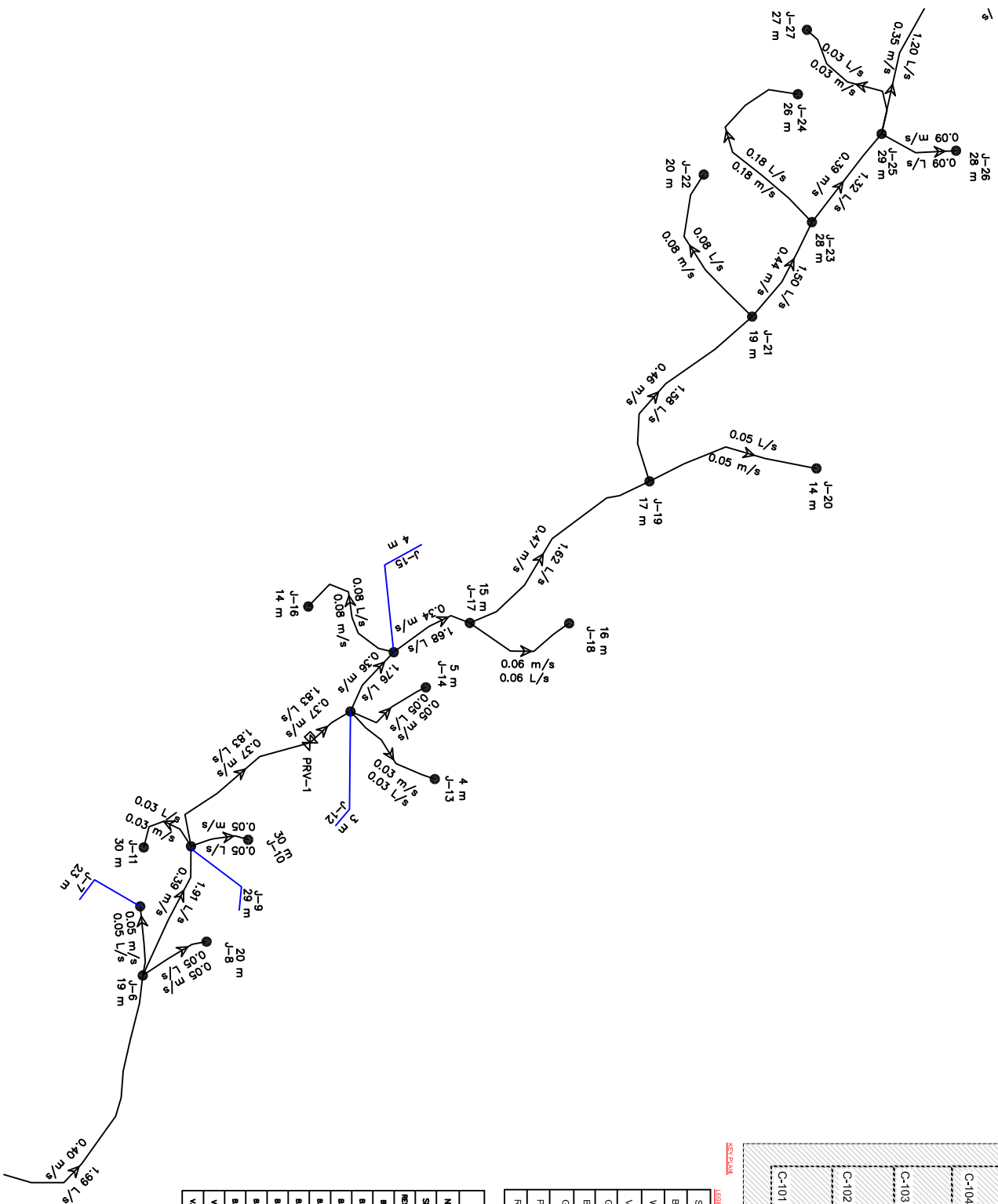
C-105

Project Name	Water Supply	Design by	Yaddullah Jalali
Province	Daikundi	Drawing& Layout by	Mohamad Nekandesh
District	Miramor	Approved by	.....

Note: All dimension showed in sheet



1. Node ID:
2. Flow in (Liter/m)
3. Velocity in (Meter/sec)
4. Pressure Head in (meter)



SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
PCC	
RCC	

COORDINATIONS			
NAMES	EAST	NORTH	ELEVATION
SPRING	30121.21	3720417.38	3547.00
RESERVOIR	299821.620	3722744.00	2732.00
B.P.T-1	300734.15	3720730.31	3447.000
B.P.T-2	300151.00	3721209.03	3348.000
B.P.T-3	300071.29	3721867.51	3247.000
B.P.T-4	299655.18	3721914.52	3147.000
B.P.T-5	299474.65	3722071.37	3045.000
B.P.T-6	299326.11	3722274.19	2943.000
B.P.T-7	299668.40	3722482.18	2840.00
B.P.T-8	299833.15	3722900.56	2740.00
V.B.P-1	299898.04	3723007.75	2704.00
V.B.P-2	299205.40	3723294.09	2644.00

Action Against Hunger

WASH Department

DW.No:

C1-105

Project Name

Water Supply

Design by

Yaddullah Jalali

Province

Daikundi

Drawing& Layout by

Mohamad Nekandesh

District

Miramor

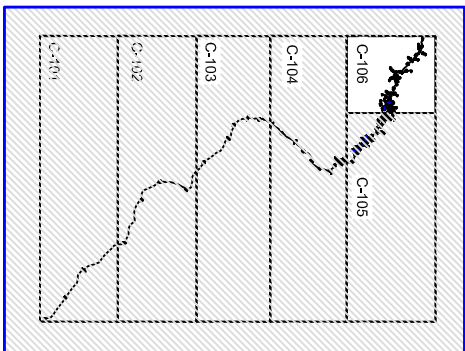
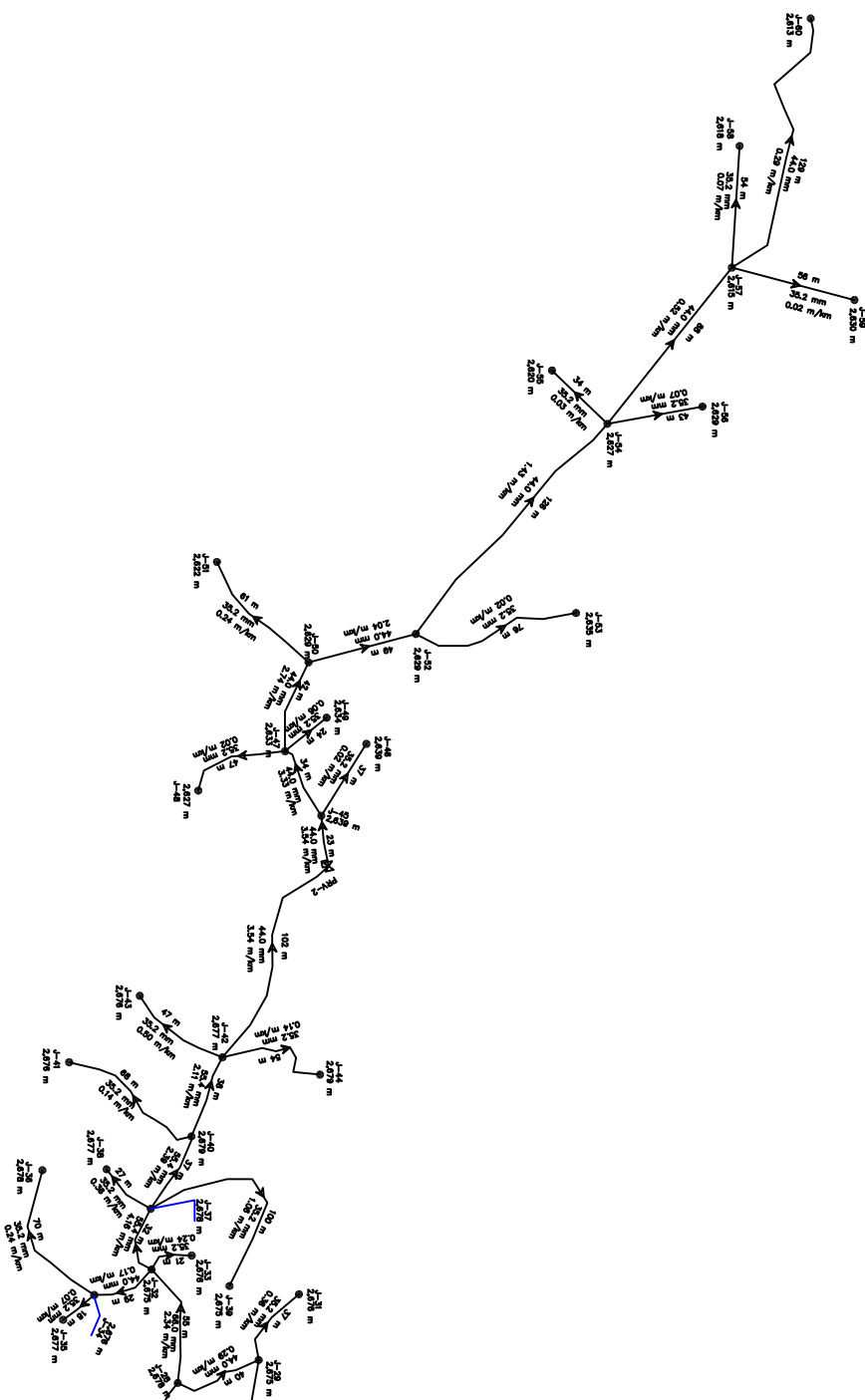
Approved by

.....

Note: All dimension showed in sheet



1. Node ID
2. Length in (m)
3. In Diameter in (mm)
4. Head loss Gradient in (m/km)
5. Elevation in (m)



KEY PLAN:

LEGEND:

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
GREEN AREA	
BENCH MARK	
GREEN AREAS	
PCC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	301121.21	372047.38
RESERVOIR	299921.620	3722744.00
B.P-1	300734.15	3720730.31
B.P-2	300151.00	3721208.03
B.P-3	300071.28	3721867.51
B.P-4	299855.18	3721914.52
B.P-5	299474.95	3722071.37
B.P-6	299526.11	3722274.19
B.P-7	299668.40	3722462.18
B.P-8	299833.15	3722590.56
V.A-P-1	299696.04	3723007.76
V.A-P-2	299705.40	3723294.09

Action Against Hunger

WASH Department

DW.No:

C-100

Project Name  
Province  
District

Water Supply  
Daikundi  
Miramor

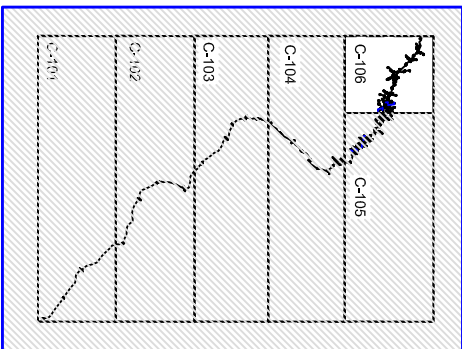
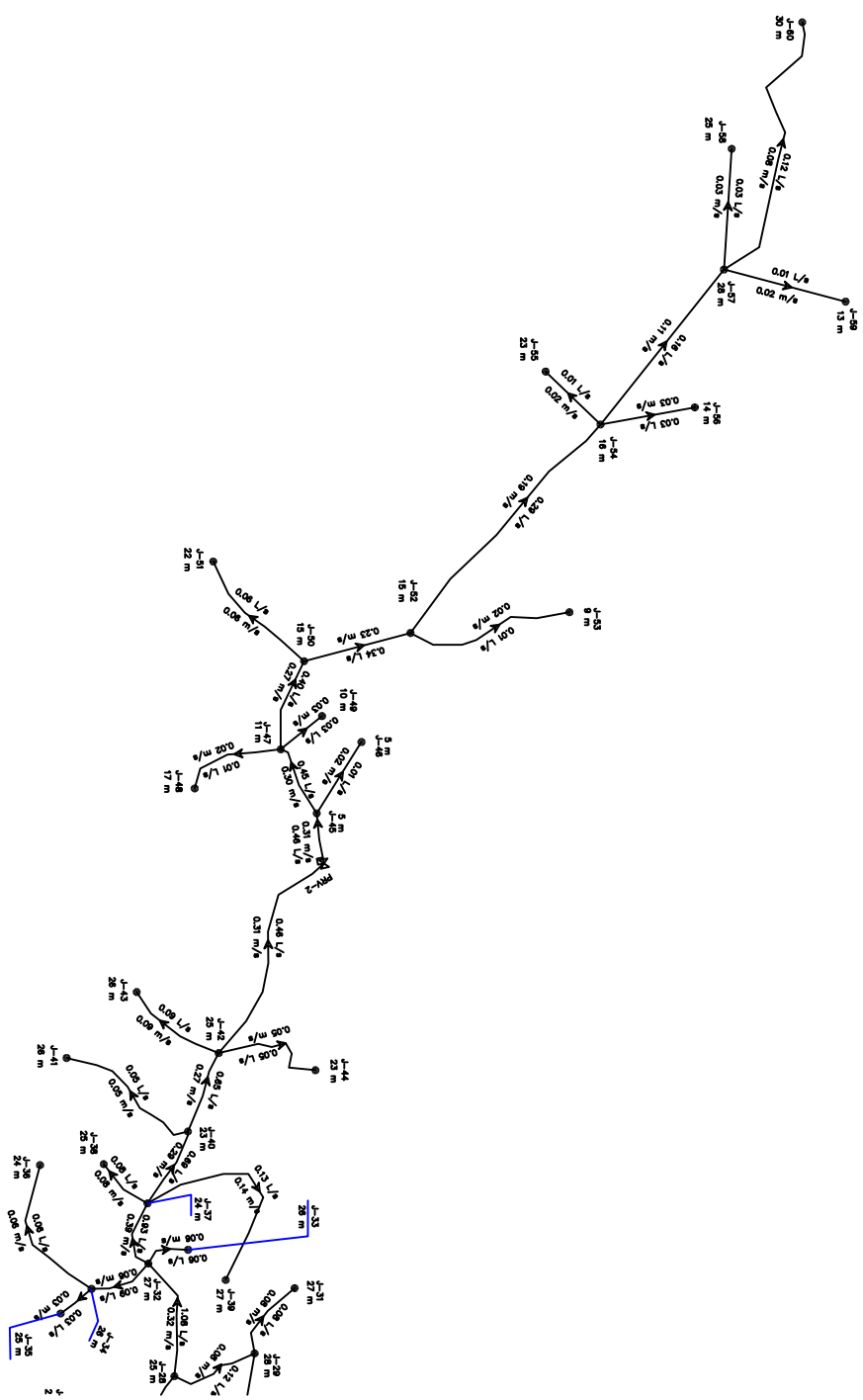
Design by  
Drawing& Layout by  
Approved by

Yaddullah Jalali  
Mohamad Nekandesh  
.....

Note: All dimension showed in sheet



1. Node ID
2. Flow in (Liter/sec)
3. Velocity in (Meter/sec)
4. Pressure Head (Meter)



KEY PLAN:

LEGEND:

SPRING PROTECTION	
BREAK PRESSURE TANK	
WATER RESERVOIR	
VALE BREAK PRESSURE	
BENCH MARK	
GREEN AREAS	
PCC	
RCC	

COORDINATIONS		
NAMES	EAST	NORTH
SPRING	301121.21	372047.38
RESERVOIR	299921.620	3722744.00
B.P-1	300734.15	3720730.31
B.P-2	300151.00	3721208.03
B.P-3	300071.28	3721867.51
B.P-4	299855.18	3721914.52
B.P-5	299474.95	3722071.37
B.P-6	299526.11	372274.19
B.P-7	299668.40	3722462.18
B.P-8	299633.15	372290.56
V.A-P-1	299696.04	3723007.76
V.A-P-2	2997205.40	3723294.09

Action Against Hunger

WASH Department

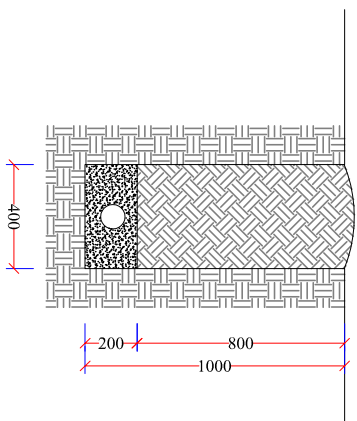
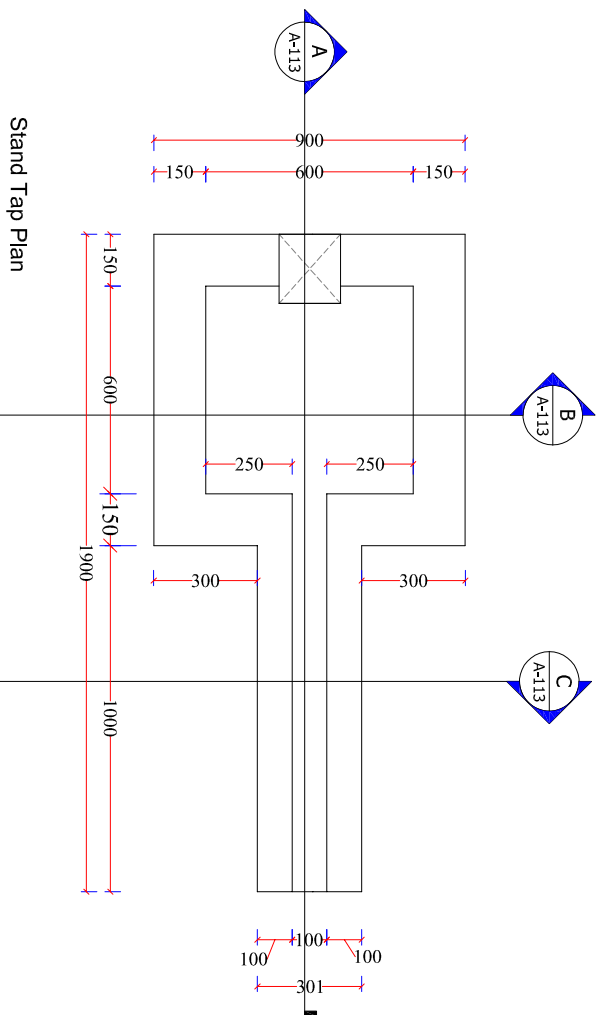
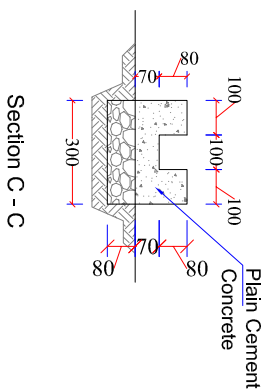
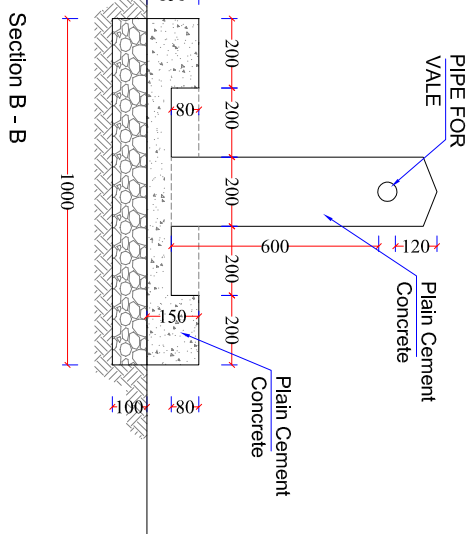
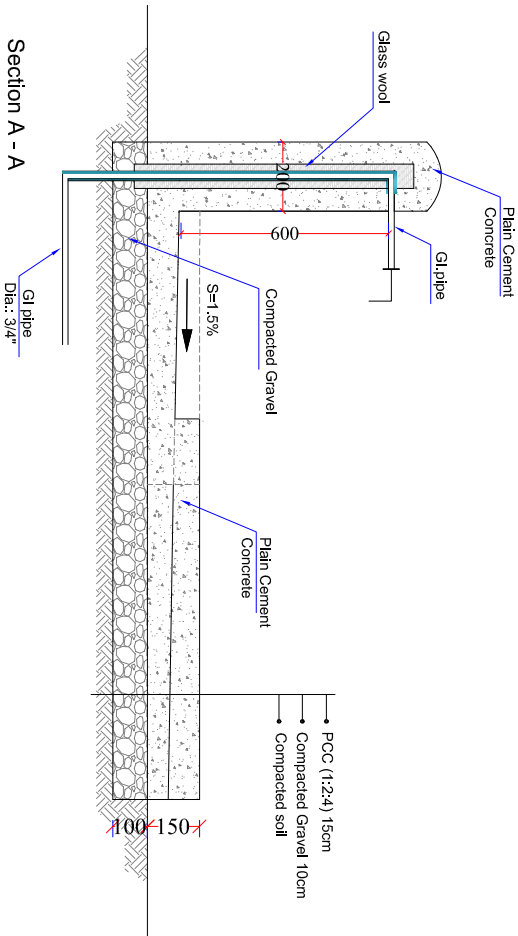
DW.No:

C1-100

Project Name	Water Supply	Design by	Yaddullah Jalali
Province	Daikundi	Drawing& Layout by	Mohamad Nekandesh
District	Miramor	Approved by	.....

Note: All dimension showed in sheet





DW.No:

A-113

Action Against Hunger

WASH Department

Project Name

Water Supply

Design&Drawing by

Mohamad Nekandesh

Province

Daikundi

Chick by

Mohamad Nekandesh

District

Miramor

Approved by

Yaddullah Jalali

Scale:

Note: All dimension are in millimeter

