

The Afghanistan Engineering Support Program assembled this deliverable. It is an approved, official USAID document. Budget information contained herein is for illustrative purposes. All policy, personal, financial, and procurement sensitive information has been removed. Additional information on the report can be obtained from Firouz Rooyani, Tetra Tech Sr. VP International Operations, (703) 387-2151.



<b>Site Visit Report</b>	Project: <b>Bus Terminal Phase #2</b>
Location: <b>Samangan</b>	Coordinates: Latitude: <b>N36°16'45"</b> Longitude: <b>E 68~1'30"</b>
Inspection Date: <b>07/11/2013</b>	Weather: <b>Partly Cloudy, Temp @ 18°C, No Precipitation</b>
Inspectors: 	Status: <b>Incomplete</b>

**PRESENTED TO**

**United States Agency for International Development (USAID)  
Office of Economic Growth and Infrastructure (OEGI)**

**RampUP North**

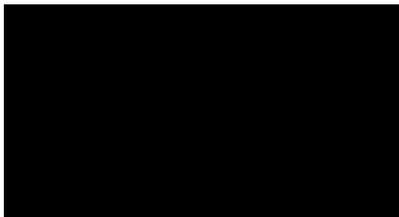
Great Massoud Road  
Kabul, Afghanistan

**PRESENTED BY**

**Tetra Tech, Inc.  
Afghanistan Engineering Support Program  
Contract No. EDH-I-00-08-00027-00  
Task Order No. 1**

**Work Order WO-LT-0009 AMD #5**

Shash Darak  
Kabul, Afghanistan



Date: **01/30/14**

Title: **Deputy Chief of Party**

**EXECUTIVE SUMMARY**

The Bus Terminal Phase # 2, funded by USAID/RC-North, is located in Aybak district, Samangan province. The project includes one (1) bus station, two (2) latrines, two (2) separate waiting halls for men and women, and one (1) septic tank. Aybak municipality has a population of around 27,000 people. Aybak is located in northern Afghanistan on the highway between Kabul and Mazar interconnecting Mazar to Pul-e-Khumri and Kabul. With no bus terminal, Aybak residents and travelers have to stand in open areas during both winter and summer without access to any facilities such as public latrines or seating areas. Several traffic accidents occurred due to lack of adequate parking for buses.

On November 11, 2013 two engineers from Tetra Tech's (Tt) Afghanistan Engineering Support Program (AEPS) reviewed the project documentation for the Bus Terminal Phase # 2 and traveled to Aybak/Samangan province to evaluate the visible completed works. The provided project documentation included plans, sections and details in (Appendix A), and BoQ in (Appendix B). There are no available documents to determine UDAID's responsibilities and the construction responsibility of Aybak municipality.

Construction on the Bus Terminal Phase #2 is in progress, but incomplete. The remaining work includes construction of the bus station, latrines, waiting halls, and septic tank.

**DISCLAIMER**

The author's views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

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This report was prepared for the United States Agency for International Development, Contract No. EDH-I-00-08-00027-00, Task Order 01, Afghanistan Engineering Support Program.

## 1.0 INTRODUCTION

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Aybak municipality has a population of around 27,000 people. Located in northern Afghanistan, Aybak Municipality did not have a bus terminal, which meant travelers stood in open areas during both winter and summer for hours without access to any facilities such as public latrines or seating areas. The Aybak municipality did not have a parking lot for buses which were causing traffic jams and road accidents.

The USAID/RC North funded project, Bus Terminal Phase #2, is located in Samangan province, in Aybak district. The project includes one (1) bus station, two (2) latrines for men and women, two (2) waiting halls for men and women, and one (1) septic tank. There are no available documents or scope of work to identify the shared contribution of Aybak Municipality and USAID on the construction of this project.

The project benefits the entire population of Aybak Municipality including the 960 passengers that travel daily to and from neighboring provinces and districts. Indirect beneficiaries include people from other districts and provinces who use the bus terminal.

## 2.0 SITE VISIT

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Two engineers from Tetra Tech's (Tt) Afghanistan Engineering Support Program (AESP) reviewed the project documentation for the Bus Terminal Phase# 2 and traveled to Aybak/Samangan province on November 7, 2013 to evaluate visible completed works. Provided project documentation included plans, sections and details in (Appendix A), and BoQ in (Appendix B). Tt engineers were accompanied by DAI engineer (Nabi) and the construction manager during site evaluation. Findings of this site observation are documented in this report, including photos provided in the Figures section on pages 4 through 6.

## 3.0 SITE VISIT DETAILS

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During site visit the following was observed:

1. Excavation of foundation for perimeter walls is complete. (See Figures 2, 3, 4 and 5)
2. Construction of stone masonry drainage trench is in progress. (See Figure 1)
3. Construction of stone masonry for perimeter walls of bus terminal is in progress. (See Figures 2, 3, 4, and 5)
  - a. **Remaining work:** The contractor is required to construct reinforcement cement concrete (RCC) ring of the boundary wall per drawings and specifications.
  - b. **Remaining work:** the contractor is required to install and paint the fence over the perimeter walls per drawings and specifications.

As a result of an overall observation and evaluation, the construction of the Bus Terminal Phase #2 is incomplete. The contractor's remaining work consists of construction of bus station, latrines, waiting halls and a septic tank.

**FIGURES**



**Figure 1.** Stone masonry for drainage



**Figure 2.** Preparing of mortar for stone masonry

**FIGURES (CONTINUED)**



**Figure 3.** Stone masonry for boundary wall



**Figure 4.** Stone masonry for boundary wall

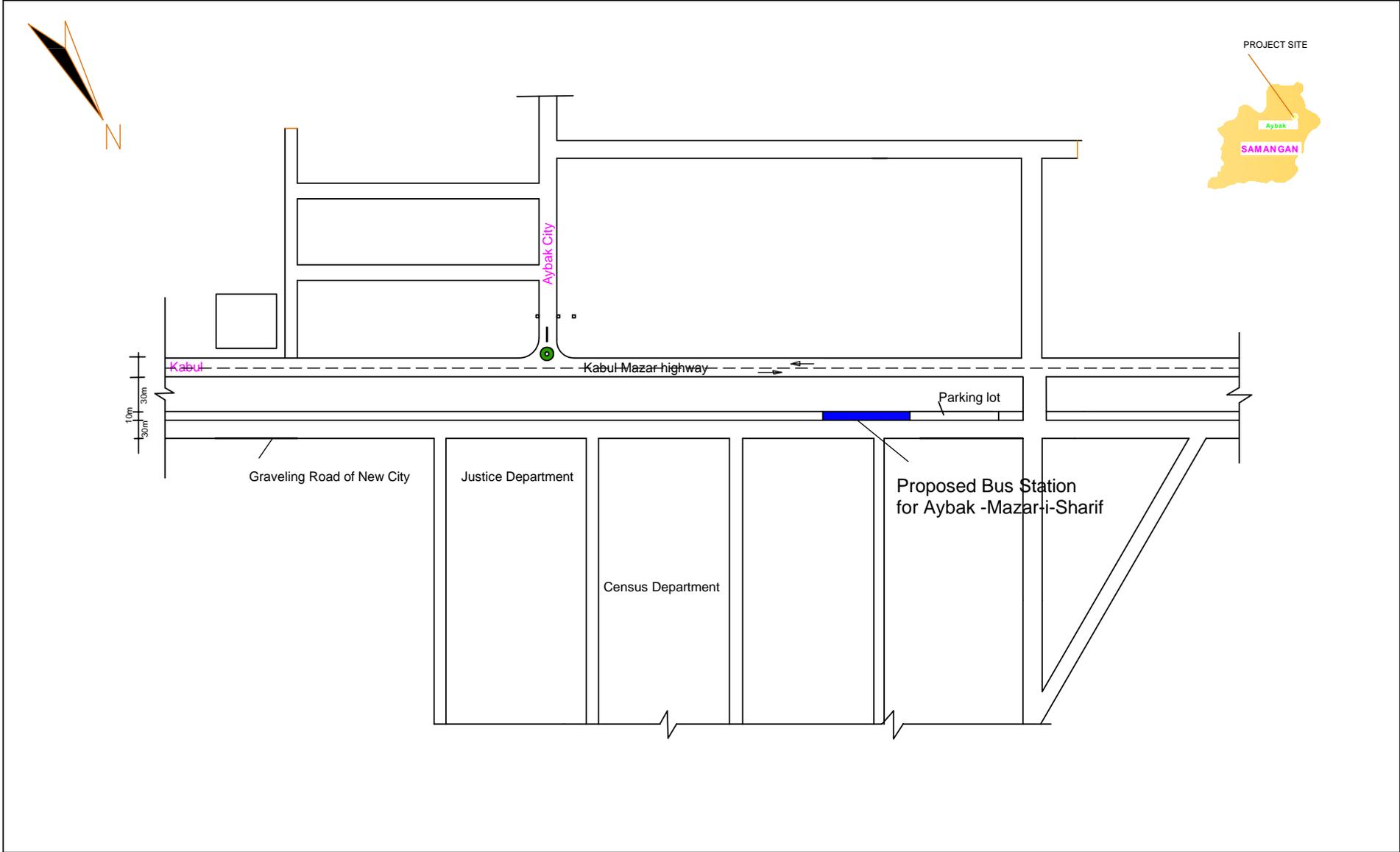
**FIGURES (CONTINUED)**

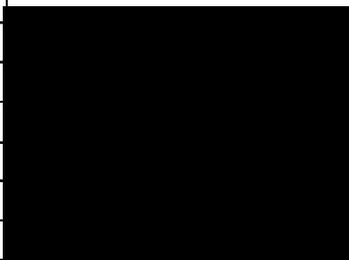


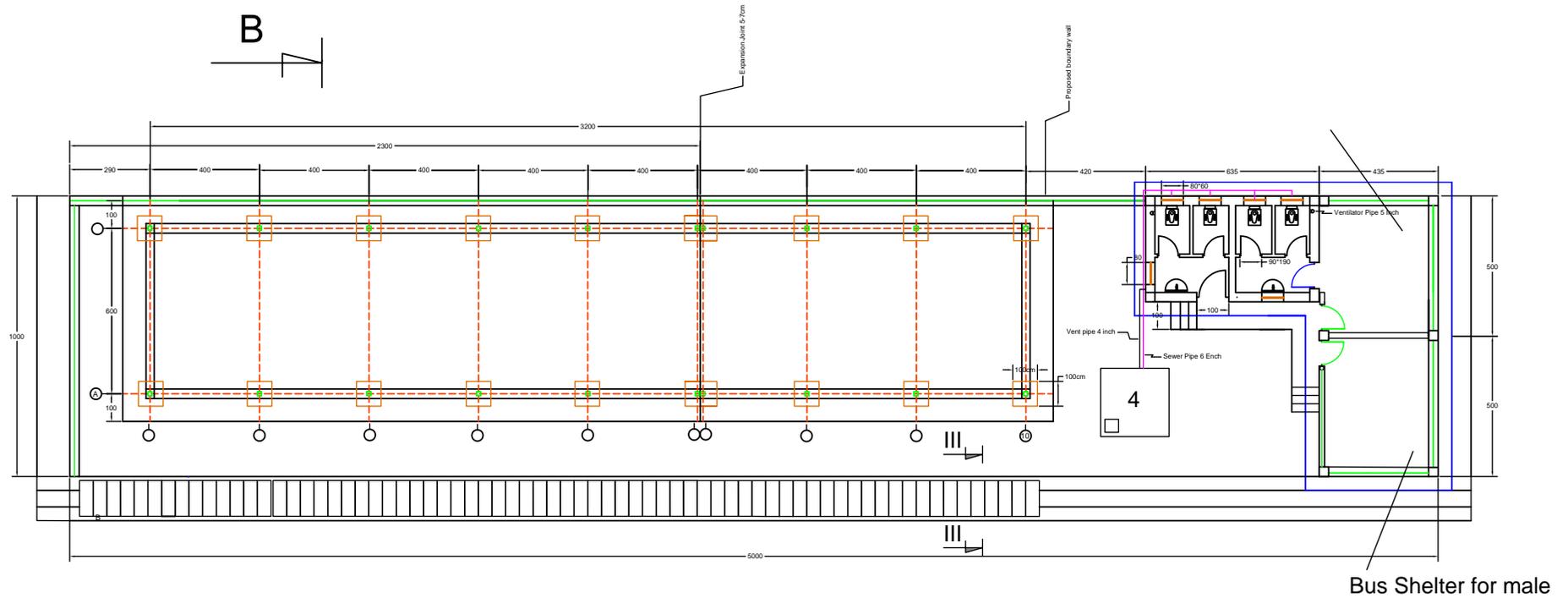
**Figure 5.** Stone's shape preparation for boundary wall

**APPENDIX A – AYB 005 (PHASE #2) BUS TERMINAL DRAWING 23 SEP**

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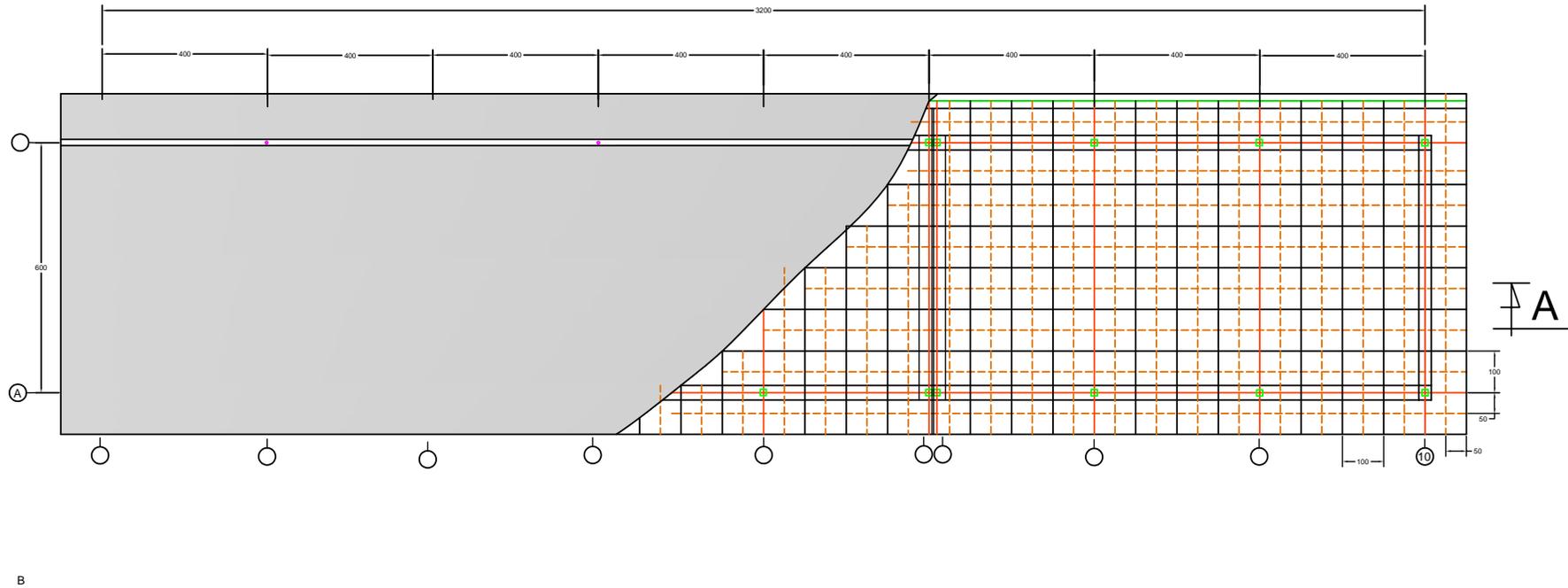
Drawin Title: <b>General Plan</b>			RUN Samangan Municipal Engineering Advisor	<b>Project Name:</b>  <b>Bus Terminal</b>  Date: Aug/23/2013
			RUN Samangan Municipal Engineering Advisor	
Drawing Number:      1	Checked By:		SDAG Deputy	
			Mayor of Aybak	
			Engineering Director/RUMP-UP-N	
			Project Manager	



**Bus Station Site Plan**

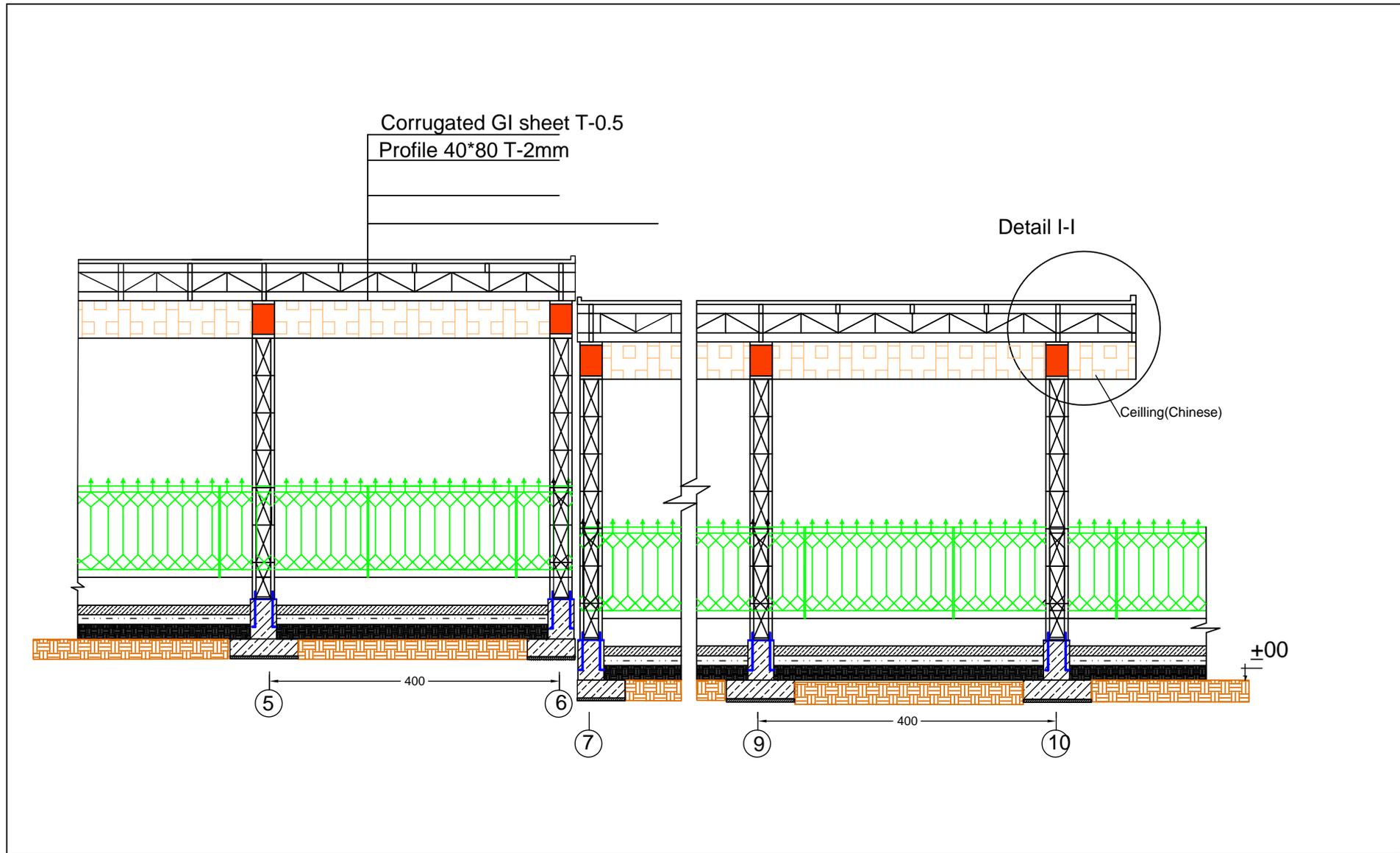
- 1- Bus station
- 2- Latrine for Man and Woman
- 3- Bus Shelter for male & Female
- 4- Septic tank 3' x 3' x 5m

Drawin Title: <b>Site Plan</b>	Name		<b>Project Name:</b>  <b>Bus Terminal</b>
			
		RUN Samangan Municipal Engineering Advisor	
		Deputy Of SDAG	
		Mayor	
Drawing Number: 2	Checked By:		Engineering Director
	Approved By:		Project Manager
			<b>Date:</b> Aug/23/2013

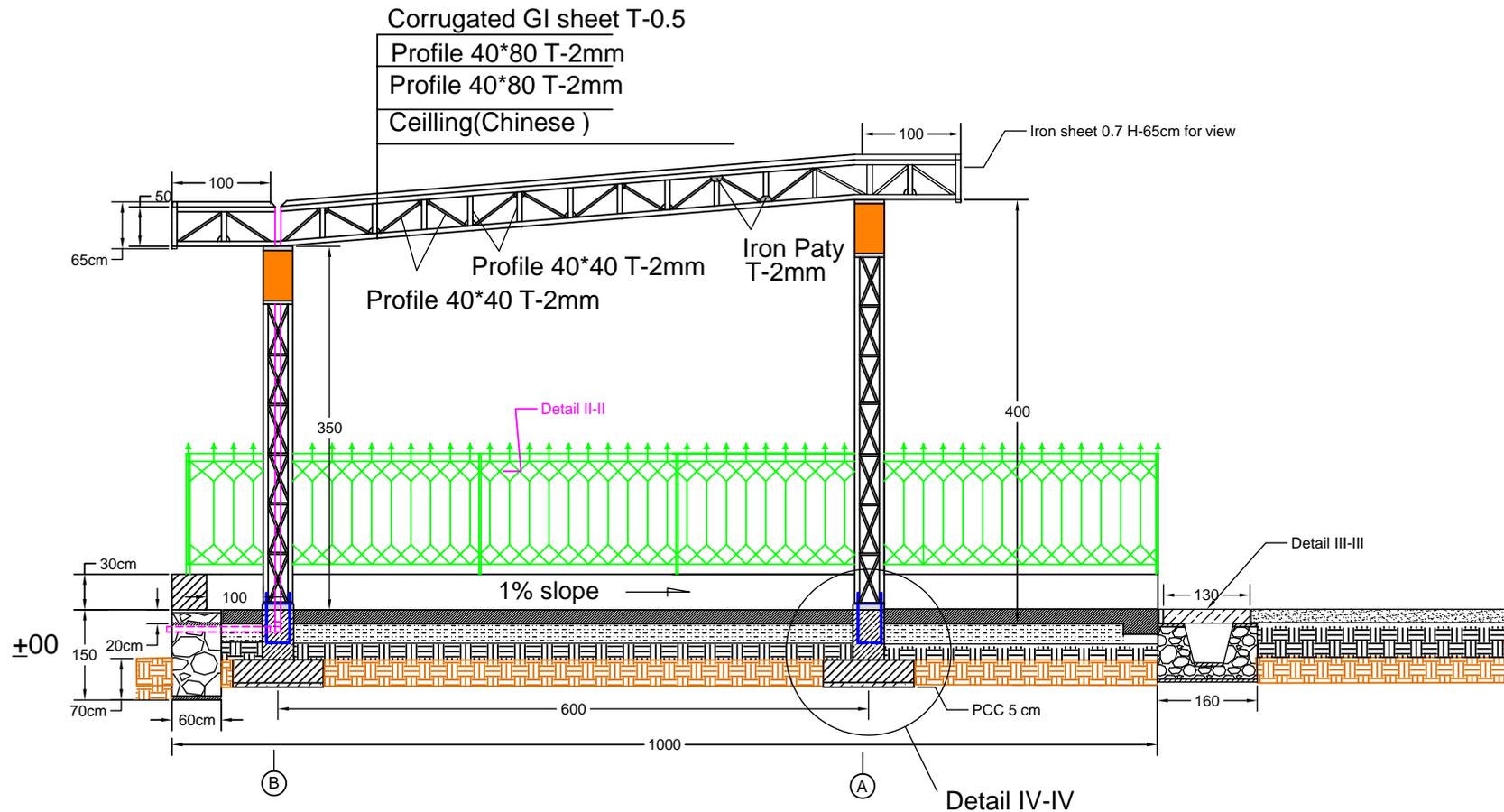


Bus Station Roofing Plan

Organization <b>Drawin Title:</b> <b>Roofing Plan</b>	2	3	<b>Name</b> [Redacted]	RUN Samangan Municipal Engineering Advisor	9	<b>Project Name:</b> <b>Bus Terminal</b>
					RUN Samangan Municipal Engineering Advisor Deputy SDAG Mayor	
<b>Drawing Number:</b> 3	<b>Checked By:</b>			Engineering Director		<b>Date:</b> Aug/23/2013
	<b>Approved By:</b>			Project Manager		



Drawin Title: Section A-A	[Redacted]	RUN Samangan Municipal Engineering Advisor	Project Name:  Bus Terminal
		RUN Samangan Municipal Engineering Advisor	
SDAG Deputy			
Mayor			
Engineering Director			
Drawing Number: 4	Checked By:	Project Manager	Date:



Organization

Drawin Title:

Section B-B

Drawing Number: 5

Checked By:

RUN Samangan Municipal  
Engineering Advisor

RUN Samangan Municipal  
Engineering Advisor

SDAG Depoty

Mayor

Engineering Director

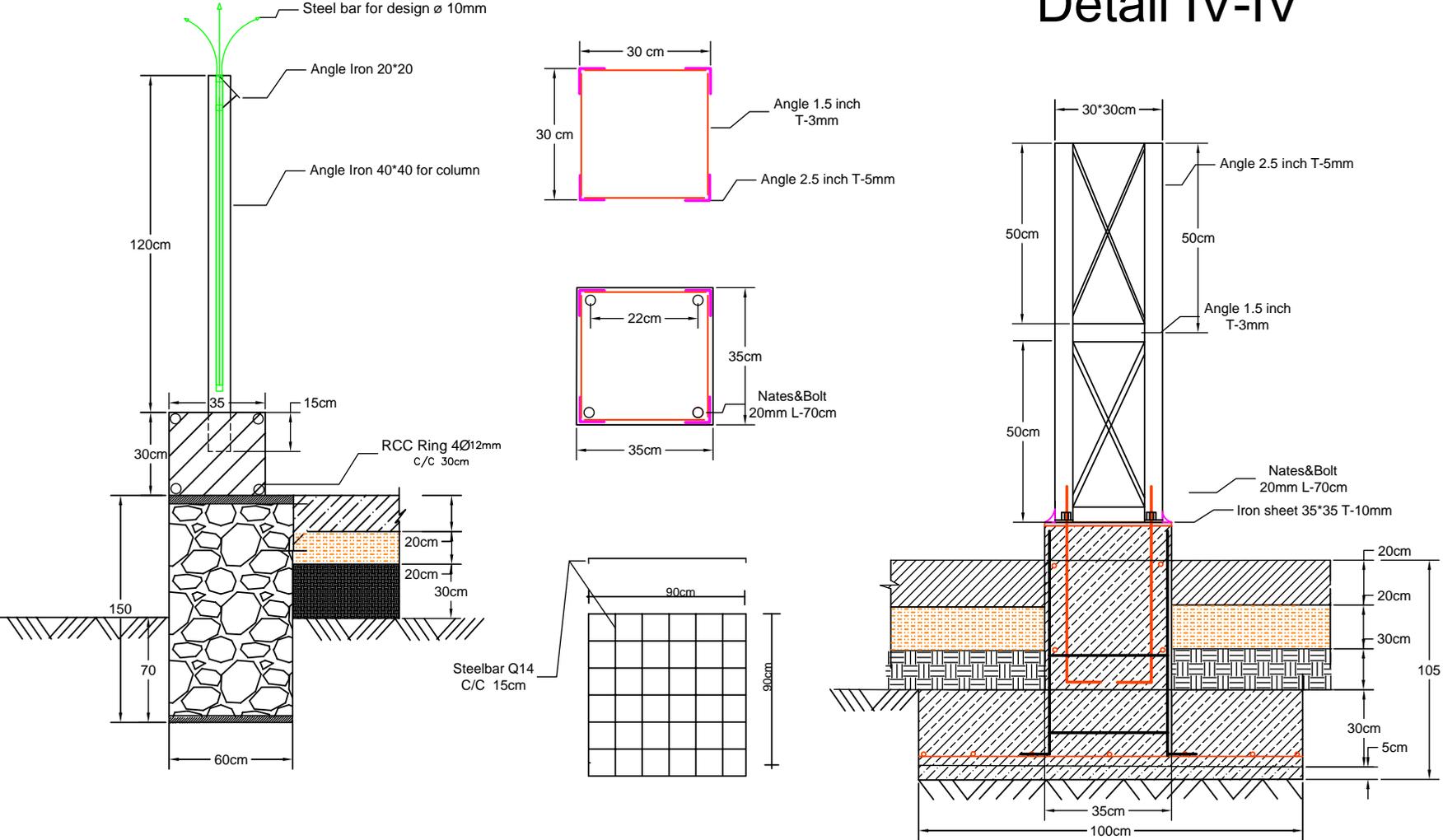
Project Manager

Project Name:

Bus Terminal

Date: Aug/23/2013

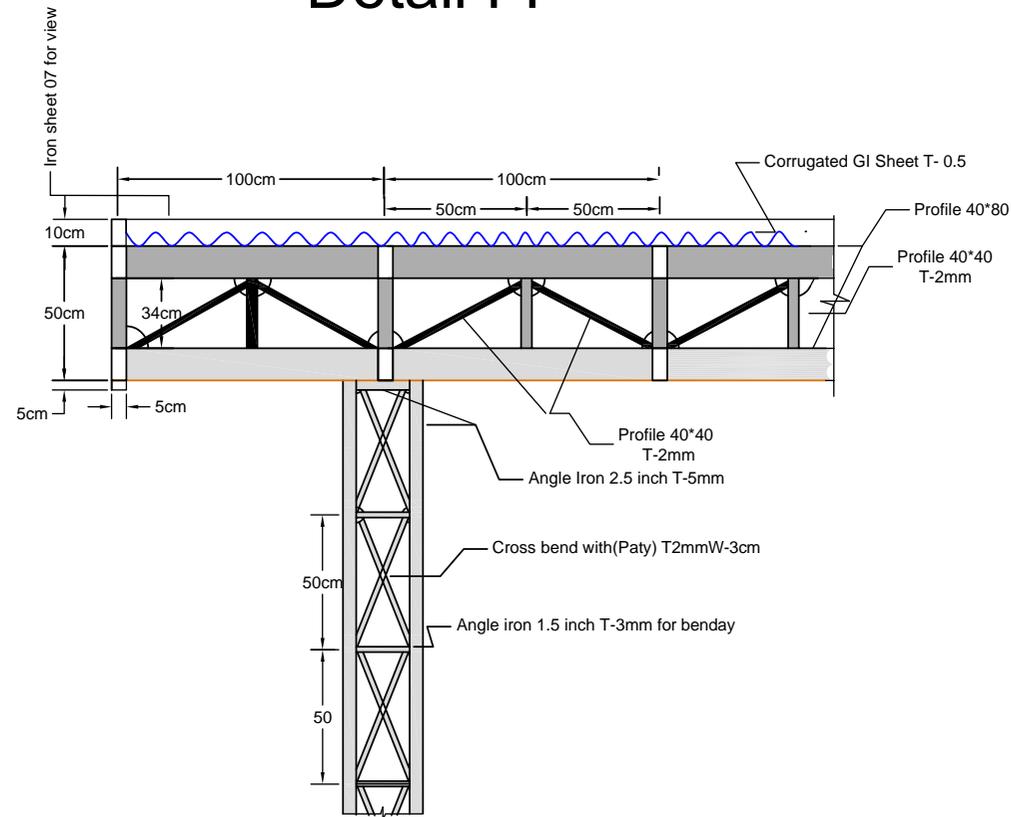
# Detail IV-IV



Note: Depth of all foundation belongs to site soil.

Organization	Drawin Title:		RUN Samangan Municipal Engineering Advisor	Project Name:	
	Details		RUN Samangan Municipal Engineering Advisor SDAG Depoty		Bus Terminal
Drawing Number: 6	Checked By:		Mayor	Engineering Director Project Manager	

# Detail I-I



Organization

**Drawin Title:**

Detail of Terminal Roof

**Drawing Number:** 7

**Checked By:**

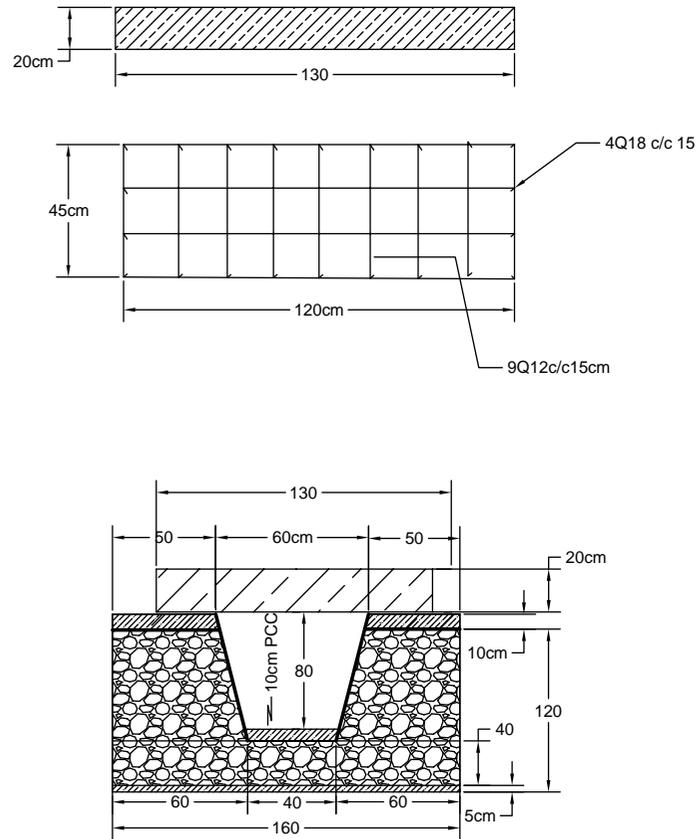
RUN Samangan Municipal  
Engineering Advisor  
RUN Samangan Municipal  
Engineering Advisor  
SDAG Depoty  
Mayor  
Engineering Director  
Project Manager

**Project Name:**

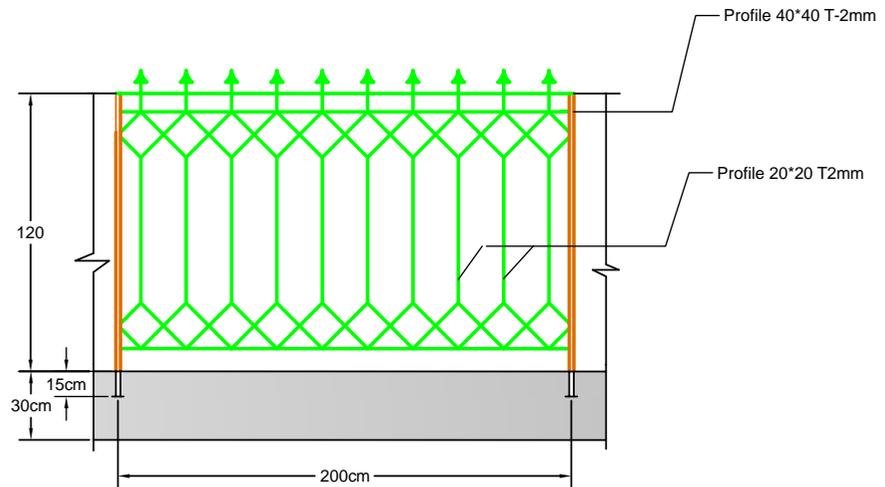
**Bus Terminal**

**Date:** Aug/23/2013

# Detail III-III(RCC Plate )



# Detail II-II(boundary wall fence)



Organization

**Drawin Title:**

Detail of boundary wall fence

**Drawing Number:** 8

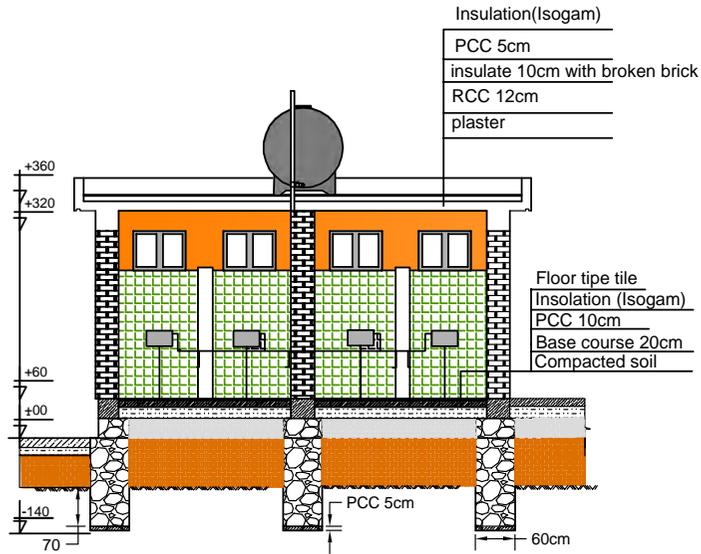
**Checked By:**

RUN Samangan Municipal  
Engineering Advisor  
RUN Samangan Municipal  
Engineering Advisor  
SDAG Depoty  
Mayor  
Engineering Director  
Project Manager

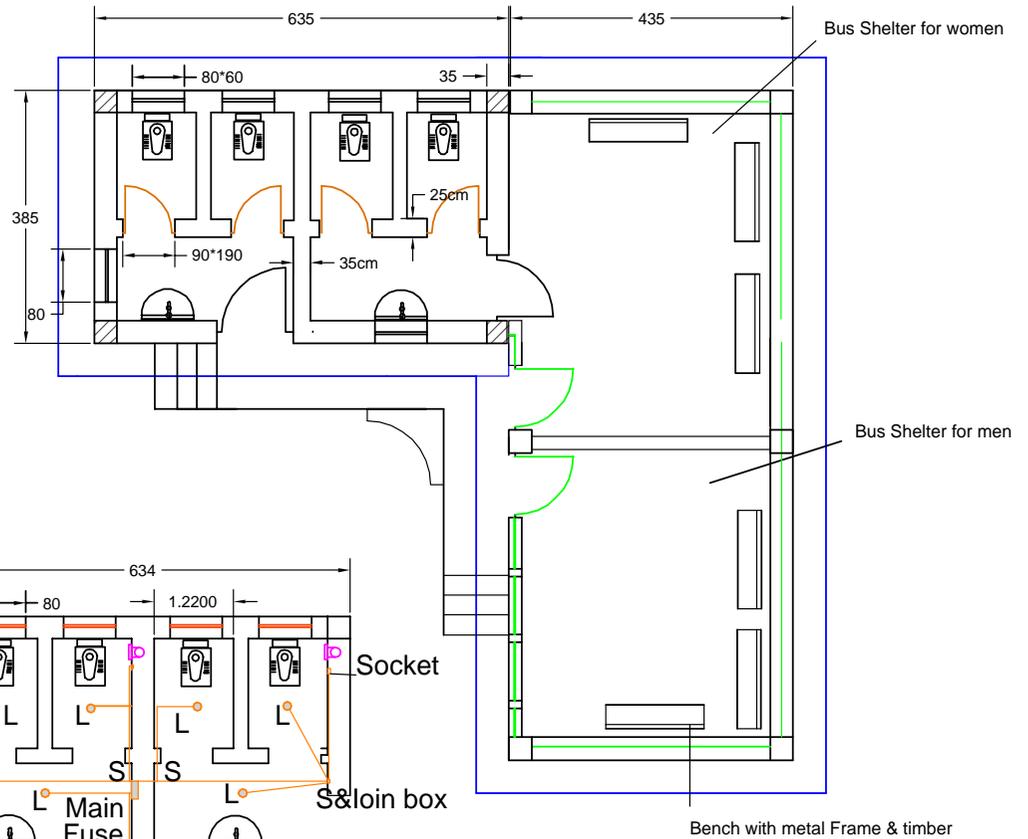
**Project Name:**

**Bus Terminal**

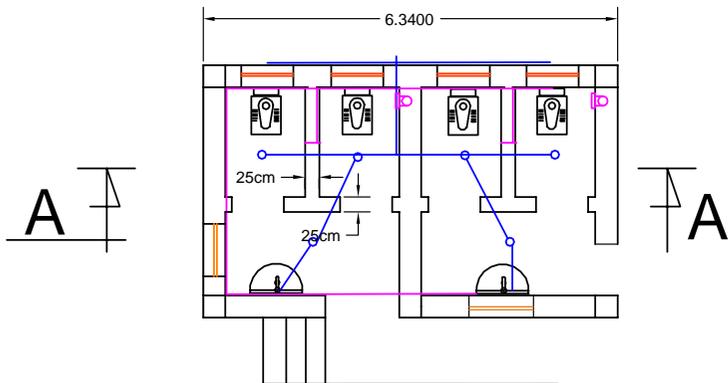
**Date:** Aug/23/2013



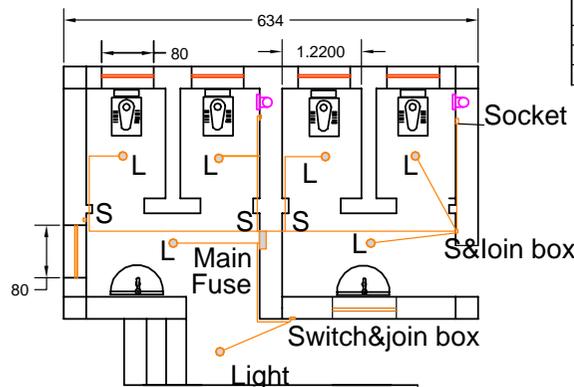
Section of A-A



Plan of Floor



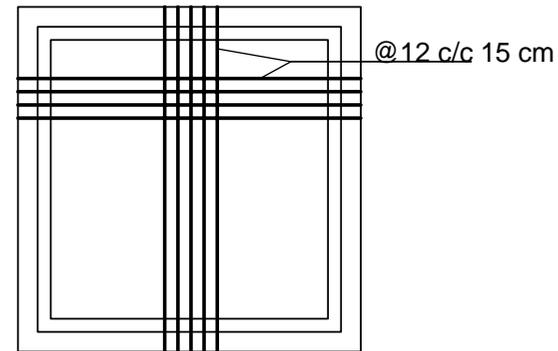
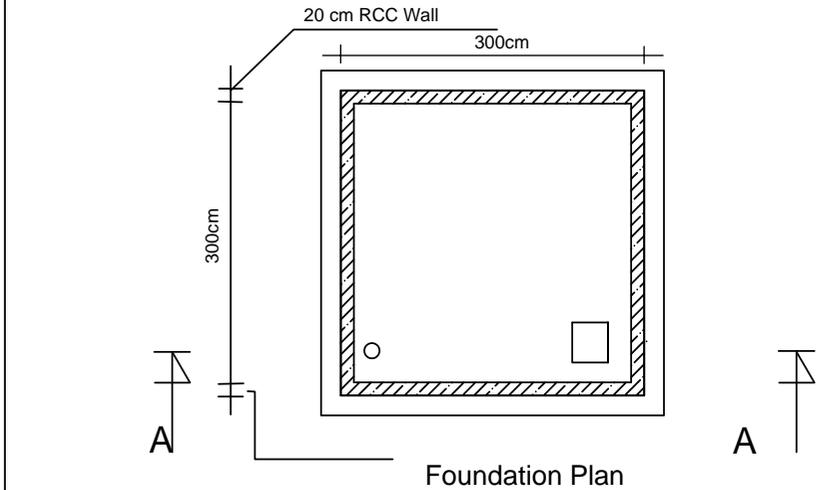
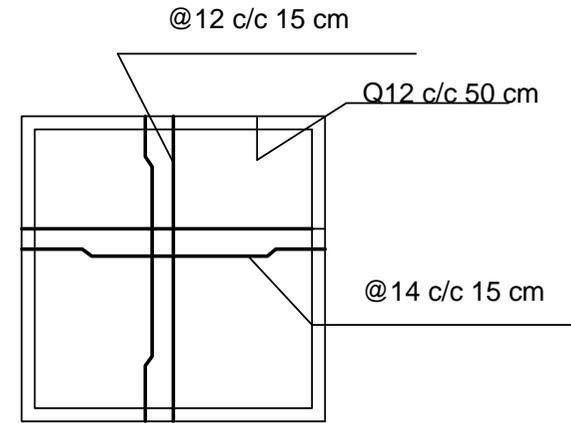
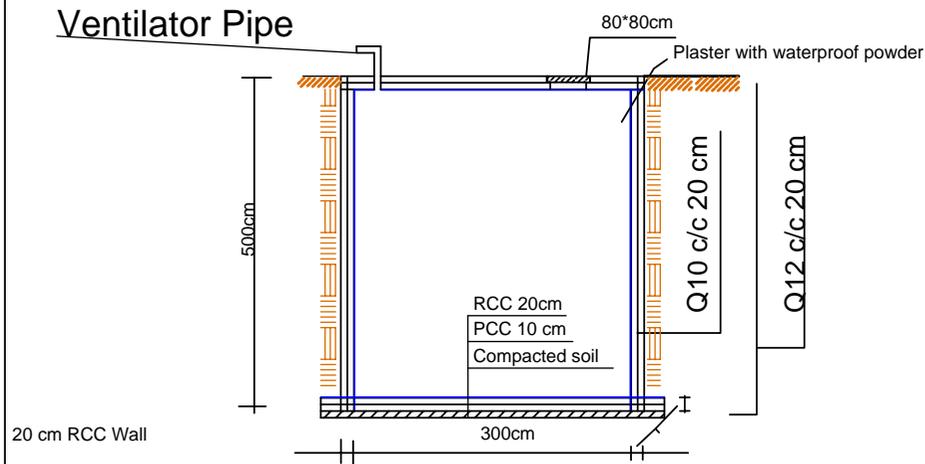
Water supply & Sewer system scheme



Electric scheme

<b>Drawin Title:</b> Plan & Section	<b>Surveyed By:</b>	[REDACTED]	<b>Position/Organization</b>	<b>Project Name:</b> Bus Terminal
	<b>Design &amp; Estimated By:</b>		RUN Samangan Municipal Engineering Advisor	
<b>Conceptual Approved By</b>	RUN Samangan Municipal Engineering Advisor			
<b>Conceptual Approved By</b>	SDAG Depoty			
<b>Checked By:</b>	Mayor			
<b>Approved By:</b>	Engineering Director			
<b>Drawing Number:</b> 9	<b>Approved By:</b>	Project Manager	<b>Date:</b> Aug/23/2013	

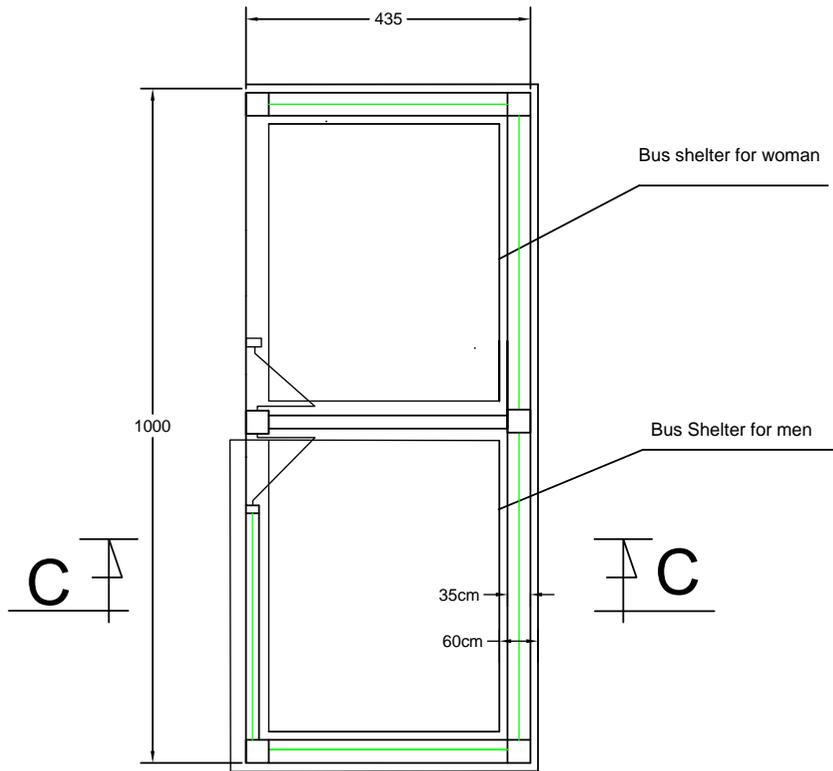
### Cross section Iron Bending A-A



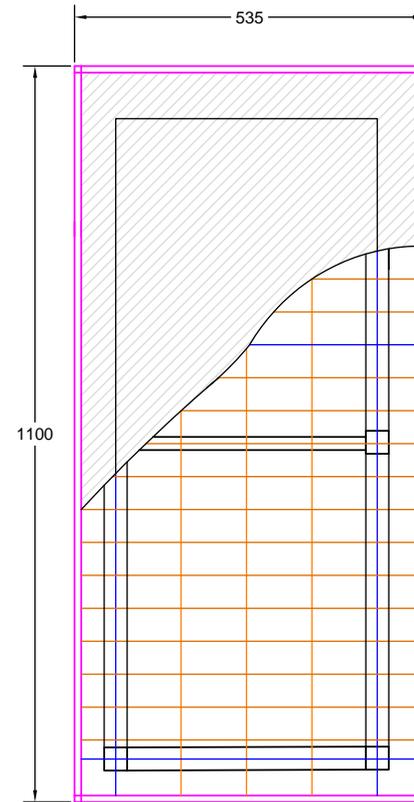
Bottom Floor of Septic Tank

Top Floor of Septic Tank

Organization	<b>Drawin Title:</b>		RUN Samangan Municipal Engineering Advisor	<b>Project Name:</b>
	Septic tank		RUN Samangan Municipal Engineering Advisor	
<b>Drawing Number:</b> 10	<b>Checked By:</b>		SDAG Depoty	<b>Date:</b> Aug/23/2013
			Mayor	
			Engineering Director	
			Project Manager	



Bus Shelter floor plan



Bus Shelter roof plan

Organization

Drawin Title:

Bus Shelter Plan

Drawing Number: 11

Checked By:

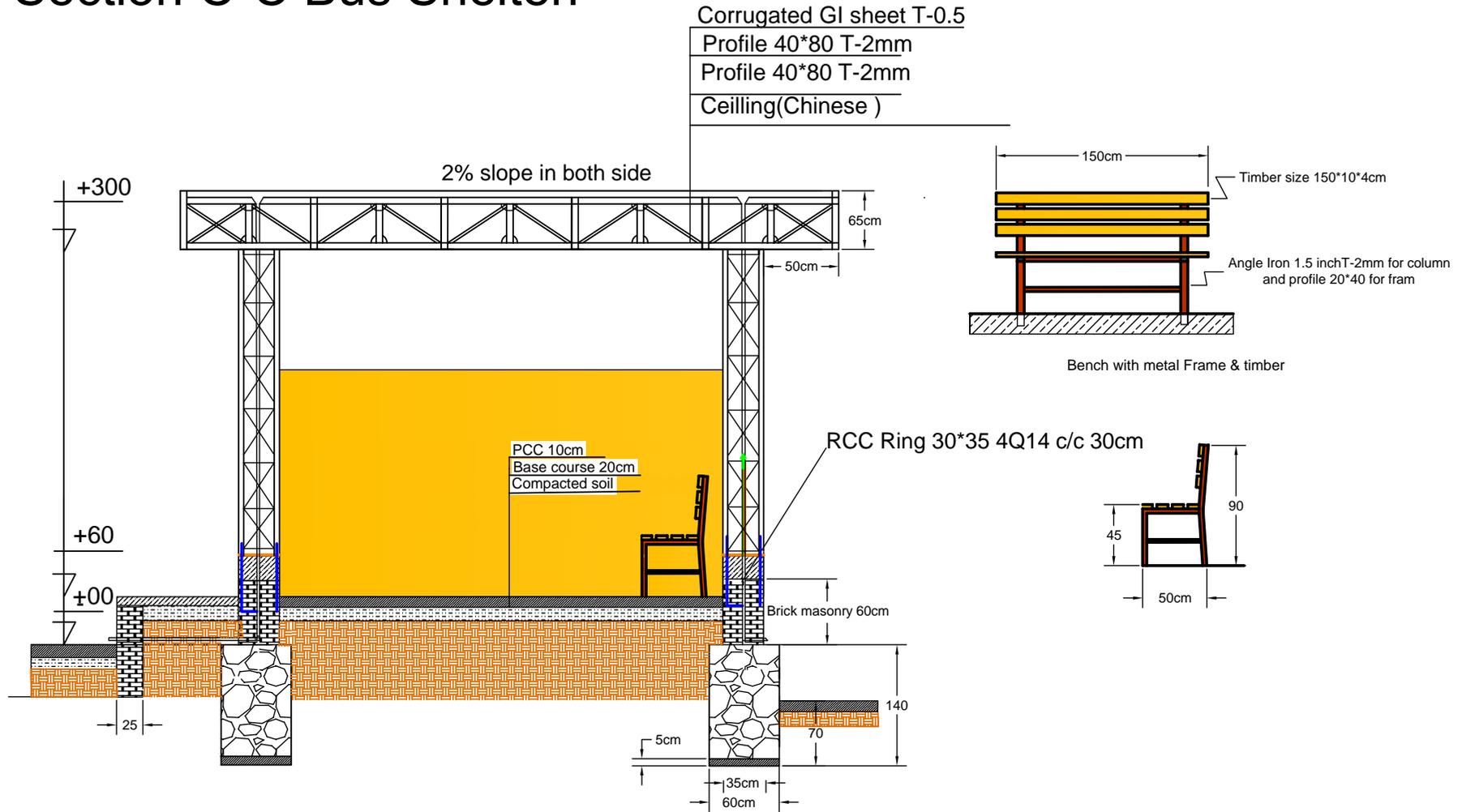
RUN Samangan Municipal  
Engineering Advisor  
RUN Samangan Municipal  
Engineering Advisor  
SDAG Depoty  
Mayor  
Engineering Director  
Project Manager

Project Name:

Bus Terminal

Date: Aug/23/2013

# Section C-C Bus Shelter



Organization

Drawin Title:

Section of Bus Shelter

Drawing Number: 12

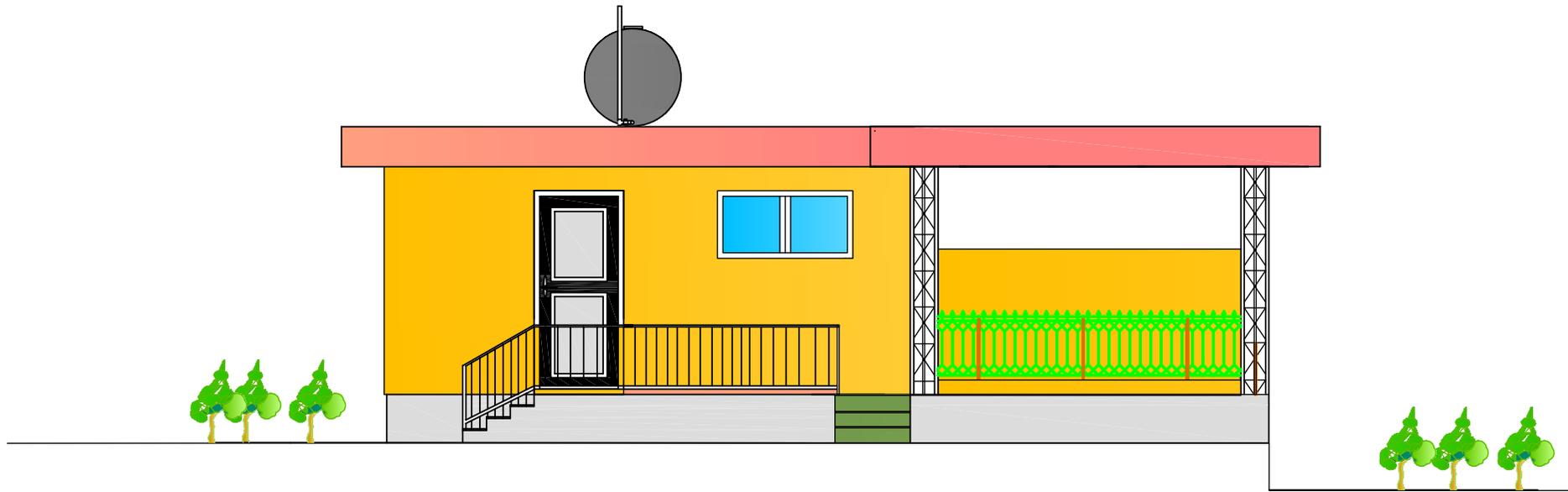
Checked By:

UN Samangan Municipal  
 Engineering Advisor  
 UN Samangan Municipal  
 Engineering Advisor  
 DAG Deputy  
 Mayor  
 Engineering Director  
 Project Manager

Project Name:

Bus Terminal

Date: Aug/23/2013

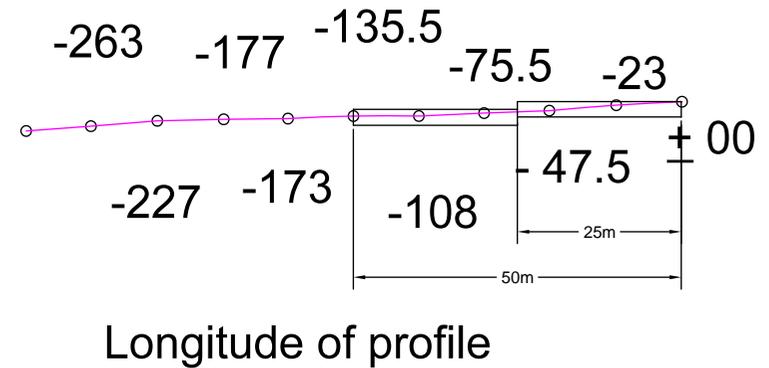
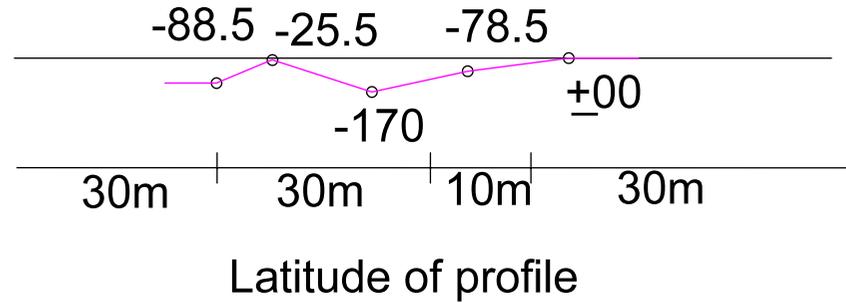
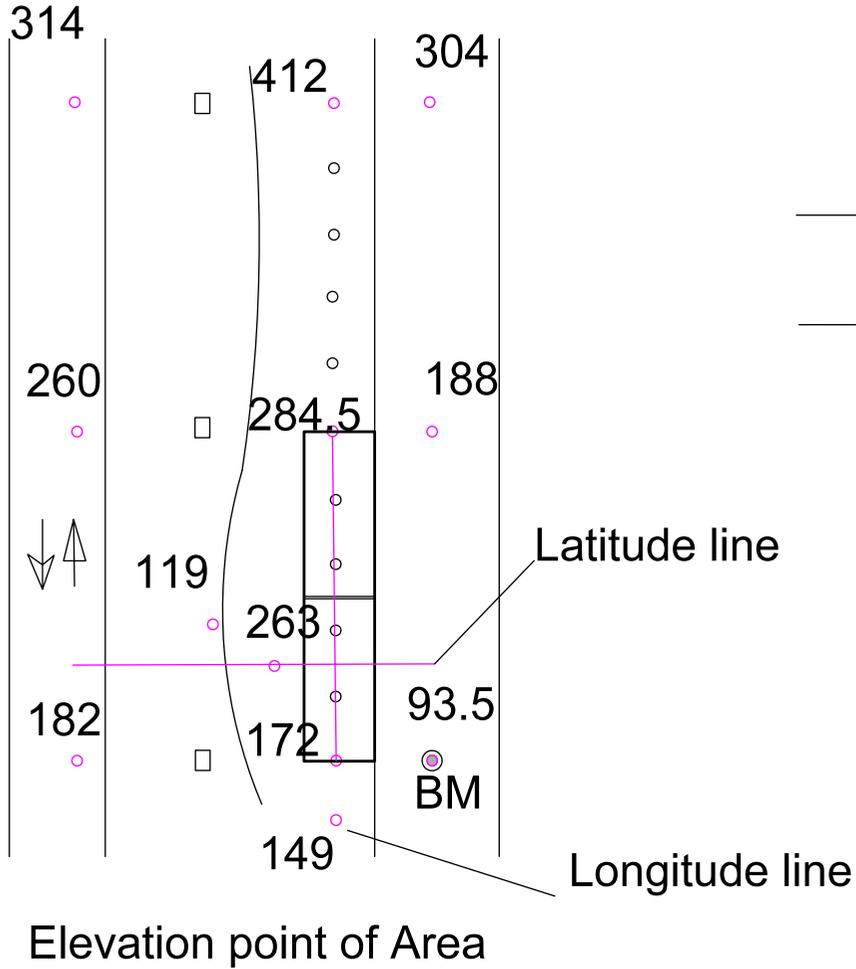


View of latrine and Bus Shelter

Organization <b>Drawin Title:</b> View of building		Name		<b>Project Name:</b>  Bus Terminal	
Drawing Number: 13	Checked By: Approved By:		RUN Samangan Municipal Engineering Advisor RUN Samangan Municipal Engineering Advisor Deputy SDAG Mayor Engineering Director Project Manager	Date: Aug/23/2013	



Kabul Mazar highway



Organization

**Drawin Title:**

Survey sheet of area

**Drawing Number:** 14

Checked By:

RUN Samangan Municipal  
Engineering Advisor

RUN Samangan Municipal  
Engineering Advisor

SDAG Depoty

Mayor

Engineering Director

Project Manager

**Project Name:**

**Bus Terminal**

Date: Agu/23/2013

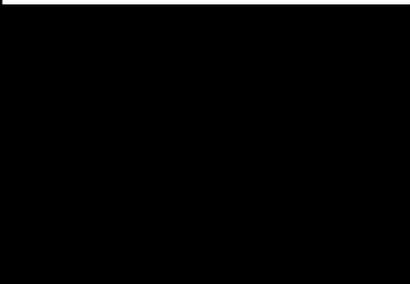


Organization <b>Drawin Title:</b>  Front View				<b>Project Name:</b>  <b>Bus Terminal</b>
			RUN Samangan Municipal Engineering Advisor	
<b>Drawing Number:</b> 15			RUN Samangan Municipal Engineering Advisor	<b>Date:</b> Aug/23/2013
			SDAG Depoty	
			Mayor	
	<b>Checked By:</b>		Engineering Director	
			Project Manager	



Organization				<b>Project Name:</b>  <b>Bus Terminal</b>  <b>Date:</b> Aug/23/2013
<b>Drawin Title:</b>			RUN Samangan Municipal Engineering Advisor	
Western View			RUN Samangan Municipal Engineering Advisor	
			SDAG Depoty	
			Mayor	
<b>Drawing Number:</b> 16			Engineering Director	
	<b>Checked By:</b>		Project Manager	



Organization <b>Drawin Title:</b>  Eastern view			RUN Samangan Municipal Engineering Advisor	<b>Project Name:</b>
			RUN Samangan Municipal Engineering Advisor	<b>Bus Terminal</b>
			SDAG Deputy	<b>Date:</b>
<b>Drawing Number:</b> 17	<b>Checked By:</b>		Mayor	Agu/23/2013
			Engineering Director	
		Project Manager		

## **APPENDIX B – AYB 005 (PHASE #2) BUS TERMINAL BOQ**

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RAMP-UP-NORTH Construction of Bus Terminal Bill of Quantities						
Project Name: Construction of Bus Terminal (Aybak - Mazar-e-Sharif)						
NO	Description	Unit	Quantity	Unit Price (AFA)	Total Cost (AFA)	Remarks
<b>A Terminal:</b>						
A1	Site Preparation: Filling maximum height 70 cm with common soil, leveling, cleaning, and watering as pre site needs including compaction layer by layer each 20 cm.	M3	500.00	AFA -	AFA -	
A2	Laying base course material on bus terminal area with 20cm thickness and compaction 90% and watering according technical specification (50 % well graded crashed aggregate, 30% sand and 20% suitable soil including transportation and all required activities)	M3	94.00	AFA -	AFA -	
A3	Construction metal columns with RCC footing, activities and detail of material include: (Excavation of foundations, Plain Cement Concrete(PCC M-150) for footing of columns, Angle Iron 2.5 inch T-5mm weight-27kg/6m and RCC for column (Russian), Angle Iron for bending 1.5 inch T-3mm weight-13kg/6m for column in each 50 cm (Russian), Iron Paty for vertical bending T-2mm wide 3cm, Iron sheet 35*35 T-10mm with four hole for bottom of the column. Provide Nate and bolt Dia 20mm (4 pcs in each column and L-70cm). All activities shall based on the design and specification with all required such anticorrosion, 100 % welded and 2 coats oil painting of the entire metal works.	Each	20.00	AFA -	AFA -	
A4	Construction of roof and the activities are include: (Profile 40*80 T-2mm for beams of the ceiling over the columns, profile 40*40 T-2mm for bending of beams after 50 cm of the ceiling, profile 40*40 T-2mm for beams cross bending of the ceiling, corrugate white iron sheet 0.5 best quality for top of the roof, Iron sheet 0.7 for vertical view. Supply and installation of Chinese ceiling best quality. Entire frame work should be anticorrosion, 3 coats oil painting. All joint should be welded 100% including Paties with	M <sup>2</sup>	272.00	AFA -	AFA -	
A5	Reinforcement Cement Concrete (RCC) M-200 Ration 1:1.5:3 cement sand and crashed gravel for ring of over the footing of column.	M <sup>3</sup>	9.24	AFA -	AFA -	
A6	Plain Cement Concrete (PCC ) M-150 cement ratio 1:2:4 T-20cm for floor of Bus terminal and required area. (joints should be considered in each 3x3 meters)	M <sup>3</sup>	90.00	AFA -	AFA -	
A7	Excavation of ditch with all required activities according to the drawing.	M <sup>3</sup>	67.20	AFA -	AFA -	
A8	Plain Cement Concrete (PCC ) M-150 ratio 1:2:4 cement, sand and crashed aggregate for T-20cm for under the stone masonry of ditch with all required activities.	M <sup>3</sup>	4.80	AFA -	AFA -	
A9	Stone masonry for the foundation and above the foundation with mortar 1:4 and pointing M1:3 with all required activities (mountain stone from Samangan high quality) for ditches.	M <sup>3</sup>	91.20	AFA -	AFA -	
A10	Plain Cement Concrete (PCC ) M-150 ratio 1:2:4 cement, sand and crashed aggregate for T-20cm for on top of the stone masonry of ditch with all required activities.	M <sup>3</sup>	6.00	AFA -	AFA -	
A11	80 RCC slab for cover of ditch over the stone masonry size 1.3*0.55*0.2m according to drawing and design specification.	M <sup>3</sup>	11.44	AFA -	AFA -	
A12	Supply and installation gutters as per drawing and from PE pipe 5 inch with all related activities.	Ls	4.00	AFA -	AFA -	
<b>B Boundary Wall:</b>						
B1	Excavation of foundations with all related activities according to the drawing.	M3	21.00	AFA -	AFA -	
B2	Stone masonry with mortar 1:4 and pointing M1:3 with all required activities (mountain stone from Samangan).	M3	42.00	AFA -	AFA -	
B3	Plain Cement Concrete (PCC) M-150 cement ratio 1:2:4 under the stone masonry wall with all required activities.	M3	3.00	AFA -	AFA -	
B4	Fence for boundary wall over the RCC ring with profile 20*20 for fence , profile 40*40 for column after each 2m and decoration arrow from steel bar 8mm on the top, according to the design and drawing.	m2	59.16	AFA -	AFA -	
B5	Two coats anti rust paints and one coat oil paint for the fence of boundary wall. (Color will be selected by Municipality)	m2	59.16	AFA -	AFA -	
B6	Reinforcement Cement Concrete (RCC) M-200 for ring of the boundary wall according to specification and drawing.	M3	5.18	AFA -	AFA -	
<b>C Latrine :</b>						
C1	Excavation of foundations with all related activities according to the drawing.	M3	11.68	AFA -	AFA -	
C2	Plain Cement Concrete (PCC ) M-150 cement ratio 1:2:4 for foundation.	M3	1.00	AFA -	AFA -	
C3	Stone masonry with pointing work for the foundation with quarry stone mortar 1:4 with all related activities.	M3	23.35	AFA -	AFA -	
C4	Reinforcement Cement Concrete (RCC) M-200 for ring of over the stone masonry and under slab of roof, Reinforcement Cement Concrete (RCC) M:200 for rings, beams ,column and slab with shuttering and steel bars best quality, cement 375kg per m3 clean coarse sand and crushed gravel-32mm mixing the aggregate ,placing and forming works ,curing at least for 14-18 days or in cold climates at least 28 days and Reinforcement Cement Concrete (RCC) M:200 for Parapet with all required activities and specification according to the design and drawing.	M3	11.00	AFA -	AFA -	

**RAMP-UP-NORTH  
Construction of Bus Terminal  
Bill of Quantities**

Project Name: Construction of Bus Terminal (Aybak - Mazar-e-Sharif)						
NO	Description	Unit	Quantity	Unit Price (AFA)	Total Cost (AFA)	Remarks
C5	Brick masonry walls, the work covered by this item shall consist of supply and laying burnt brick on the top of the ring . Bricks shall comply with requirement of first class brick . The burnt bricks masonry shall be done by 1:4 ration of cement mortar.	M3	20.20	AFA -	AFA -	
C6	Insulation with broken brick or(ash of coal) T- 10cm with required slope.	M3	3.28	AFA -	AFA -	
C7	Supply and installation of floor type tile T-10mm and wall type tile T-9mm installed with 1:3 cement sand ratio and all required activities and drawing technical specification.	m2	75.00	AFA -	AFA -	
C8	Supply and installation of flat water closet complete set (Kamood) highest quality ,with all related activities and technical specifications.	Each	4.00	AFA -	AFA -	
C9	Supply and installation of water tap good quality with it's all related activities and all related specification.	Each	4.00	AFA -	AFA -	
C10	Supply and installation of Aluminum frames doors and windows complete with glass and all related activities.	m2	16.50	AFA -	AFA -	
C11	Plastering of the interior and exterior wall and ceiling with M-1:4 smoothly and all related activities.	m2	120.00	AFA -	AFA -	
C12	Three coats of plastic painting 100% for the interior ,exterior wall and ceiling along with all related activities. (Color will be selected by Municipality).	m2	120.00	AFA -	AFA -	
C13	Supply and installation of interior electrical system for the proposed building ( different size conduits, wires, cable, join box, switches ,sockets, grounding ventilators, fuse ,fuse box lights and installing connections to the main electrical source, along with all other items needed to complete the electrical system according to design and drawing.	Ls	1.00	AFA -	AFA -	
C14	Supply and installation interior water supply and sewer system including installing a connection between the building water systems the sewer system and septic tanks ( all pipes and fitting for the sewer system should be class D best quality and also including a sand bed caution taps with insulation of all pipes ) along with all related activities and technical specification.	Ls	1.00	AFA -	AFA -	
C15	Construction of RCC septic tank with (3*3*5)m3 volume and 20cm walls thickness RCC M:200 plastering with waterproof according to the design and drawing .	Ls	1.00	AFA -	AFA -	
C16	Supply and installation of Ventilator.	Each	2.00	AFA -	AFA -	
C17	Supply and installation of Isogam on the top of roof and under the tiles for inside the latrine with all required activities.	m2	94.16	AFA -	AFA -	
C18	Supply and installation of sink and mirror complete set (Destshoy) good quality for toilet with it's all related activities and technical specification.	Each	2.00	AFA -	AFA -	
C19	Supply and installation of overhead water tank (2000 liter capacity and steel sheet T-2mm ) on the roof of latrine ,PE pipe 2 inch for poles insulation , piping works , overflow , valve , wash pipe with all required activities.	Ls	1.00	AFA -	AFA -	
<b>D Waiting Hall</b>						
D1	Excavation of foundations with all related activities according to the drawing.	M3	13.44	AFA -	AFA -	
D2	Plain Cement Concrete (PCC ) M-150 cement ratio 1:2:4 for foundation.	M3	0.96	AFA -	AFA -	
D3	Laying base course material on bus terminal area with 20cm thickness and compaction 90% and watering according technical specification (50 % well graded crashed aggregate, 30% sand and 20% suitable soil including transportation and all required activities	M3	6.57	AFA -	AFA -	
D4	Plain Cement Concrete (PCC ) M-150 cement ratio 1:2:4 for floor.	M3	3.57	AFA -	AFA -	
D5	Stone masonry work for the foundation with quarry stone mortar 1:4 with all related activities.	M3	26.88	AFA -	AFA -	
D6	Brick masonry walls, the work covered by this item shall consist of supply and laying burnt brick on the top of the ring . Bricks shall comply with requirement of first class brick . The burnt bricks masonry shall be done by 1:4 ration of cement mortar.	M3	10.73	AFA -	AFA -	
D7	Plastering of the partition wall with M 1:4 and all related activities.	M2	18.20	AFA -	AFA -	
D8	Three coats plastic painting 100% of the partition wall with all related activities.	M2	18.20	AFA -	AFA -	
D9	Reinforcement Cement Concrete (RCC) M-200 for ring of over the stone masonry .	M3	3.25	AFA -	AFA -	
D10	Supply and installation of column ( Angle Iron 2.5 inch T-5mm weight-27kg/6m(Russian), Angle Iron for bending 1.5 inch T-3mm weight-13kg/6m in each 50 cm (Russian), Iron Paty for vertical bending T-2mm wide 3cm, Iron sheet 35*35 T-10mm with four hole for bottom of the column, and provide Nate and bolt Dia 20mm ( 4 pcs in each column Long -70cm) based on the design and specification with all required activities such a anticorrosion, need to be 100 % welded and oil painting of the entire metal	Each	6.00	AFA -	AFA -	

**RAMP-UP-NORTH**  
**Construction of Bus Terminal**  
**Bill of Quantities**

Project Name: Construction of Bus Terminal (Aybak - Mazar-e-Sharif)						
NO	Description	Unit	Quantity	Unit Price (AFA)	Total Cost (AFA)	Remarks
D11	Construction of roof and the activities are include: (Profile 40*80 T 2mm for beams of the ceiling over the columns, profile 40*40 T-2mm for bending of beams after 50 cm of the ceiling, profile 40*40 T-2mm for beams cross bending of the ceiling, corrugate white iron sheet 0.5 best quality for top of the roof, Iron sheet 0.7 for vertical view, Chinese ceiling best quality and tree coat anticorrosion, oil painting for entire metallic works and all joint should be welded 100%).	m2	62.50	AFA -	AFA -	
D12	Supply and installation gutters as per drawing and from PE pipe 5 inch with all related activities.	Each	4.00	AFA -	AFA -	
D13	Fence wall for over the RCC ring with profile 20*20 for fence , profile 40*40 for column after each 2m and decoration arrow from steel bar 8mm on the top, according to the design and drawing.	m2	36.66	AFA -	AFA -	
D14	Two coats anti rust paints and one coat oil paint for the fence of boundary wall. (Color will be selected by Municipality)	m2	36.66	AFA -	AFA -	
D15	Supply and installation of Benches according to the drawing and specification.	Each	6.00	AFA -	AFA -	
D16	Supply and installation of for terrace and stairs including PCC 7 cm with all required activities.	m2	9.60	AFA -	AFA -	
E	Branding, opening + closing ceremony	Ls	1.00	AFA -	AFA -	
<b>Total Amount in AFA</b>						