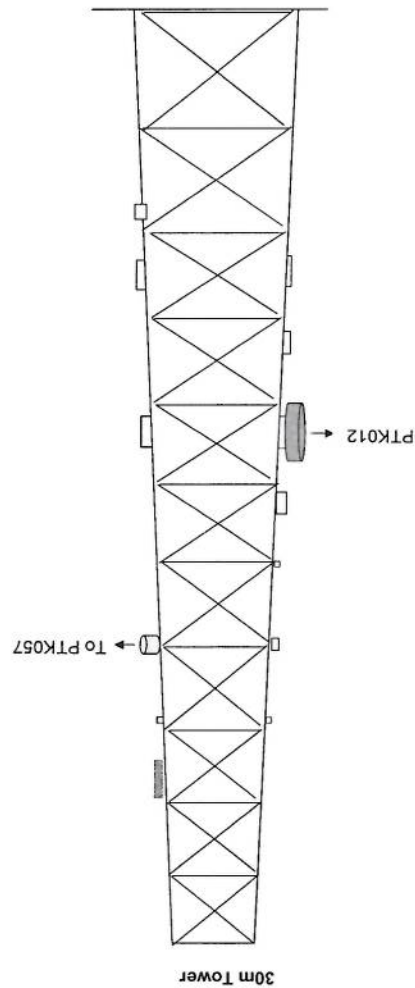
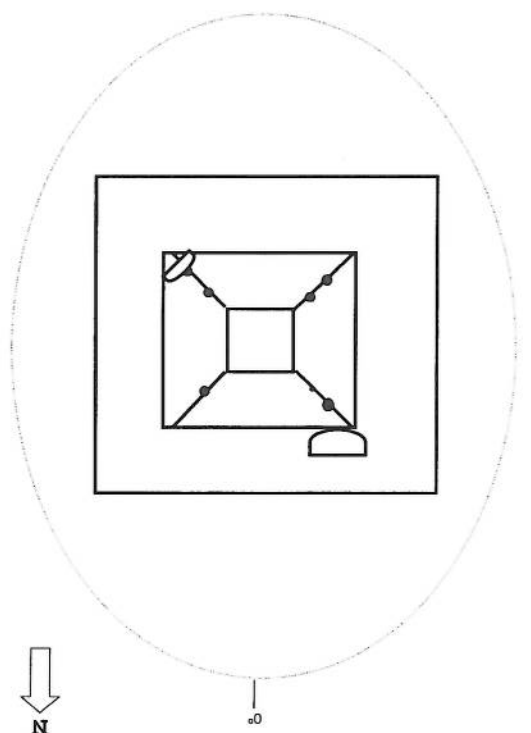


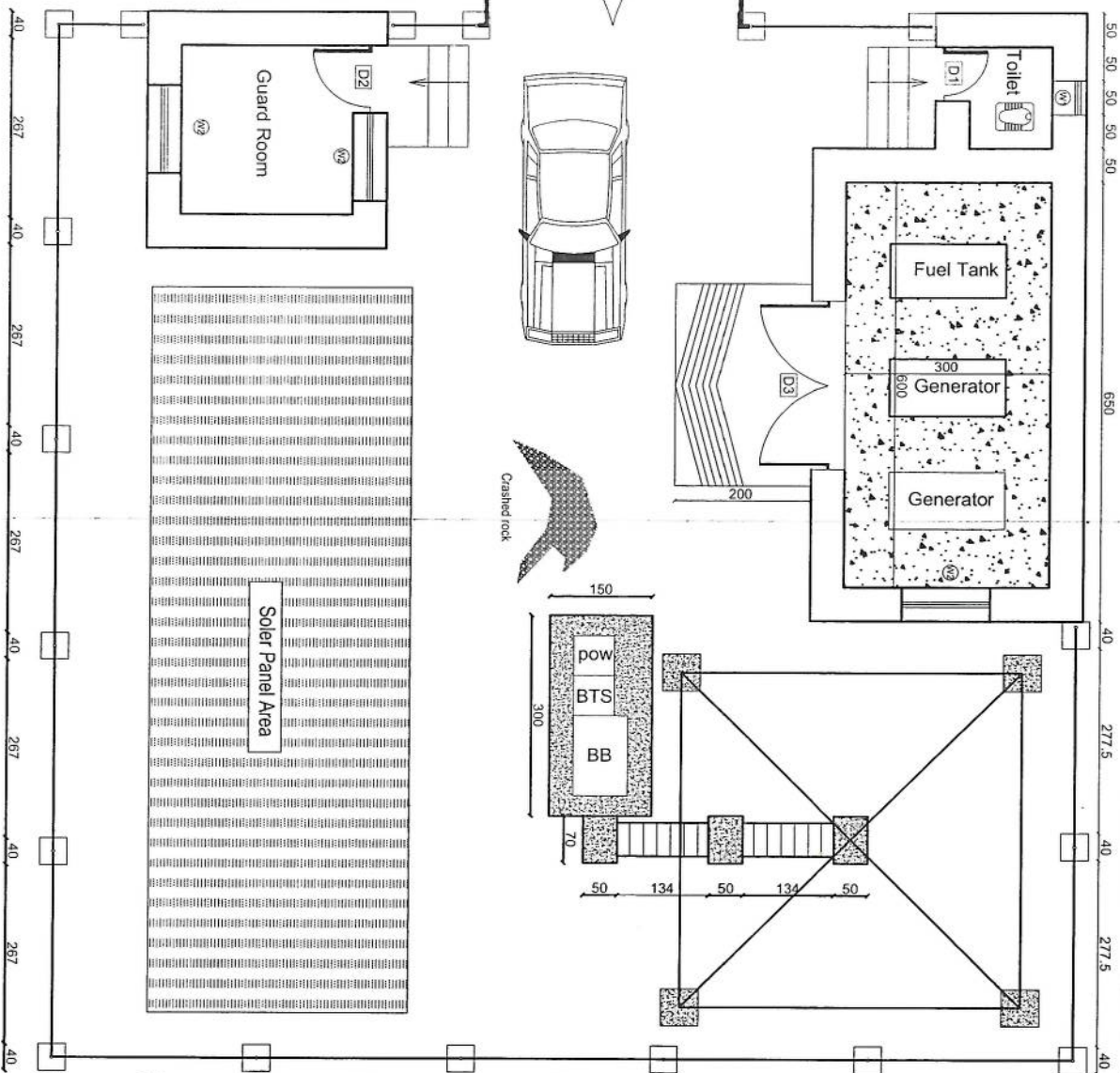
Site ID	PTK015	سروی تاریخ	1404/07/27
New Lat	32.30338°	New long	68.94873°
site Location Name	Mama Garanday	District	NiamataAbad
		Province	Paktika
TX connectivity data	Front Site ID	PTK012	New Repeater needed?
Type of Property	Private?	Gov?	NA?
Primary agreement with owner done			
Property owner contact			
Contract Agreement Negotiated?	Yes:	No:	Ongoing: V
Site type	RT:	GF:	
Land type	Desert level	Hill	Mountainouse
		City	Rural
			Rocky
Access Road available	Yes:	No: V	
Access road needed	Length "m": 1800m	Width "m": 3m	ملاحظات درمورد نوعیت سکتی ساخته یا خنای بودن آن را درقسمت نظریات درج کنید
Needed tower type	GF	V	
Needed tower height	30m	GM	RT
Boundary wall needed			
Boundary wall length			
Guardroom needed			
Toilet/Washroom			
Wall Fence needed			
Comments about access road	سطح اعجاز سرتی زبده است (طول ۱۸۰۰ متر)		
Location photo record	General view	Panaromic (45°) 8 photos	Access road Direction
Surveyer details(name contact...etc	Name	Engineer Rahimullah (Abid)	Habibullah (Sultani)
	Contact	744418130	749593334
	Email	rahimullah.abid@afghantelecom.af	habibullah.sultani@afghantelecom.af
General Comments:			

(Handwritten signatures and marks)

GPS COORDINATE		DATE	
Lat	32.30338	Long	68.94873
DISTANT SITE NAME		TX	RX
ANTENNA SIZE		VLAN	1.8m
BEARING		95	48
Distance(Km)		20m	25m
HEIGHT OF ANTENNA IN TOWER			



SOUTH



LEGEND:

10

2000

W1 WINDOW

WINCON
WZ

D1 **DOOR TYPE**

☐ D2 DODR TY

[illegible]

10

1

1

10

--	--

PROJECT III

1000

--	--

DRAFTING TITLE

1000

五

10

DRAWN BY:

CIVIL TEAM

CHECKED BY.

10

APPROVED BY:

100

1

03/06/2025

ISSUE DATE:

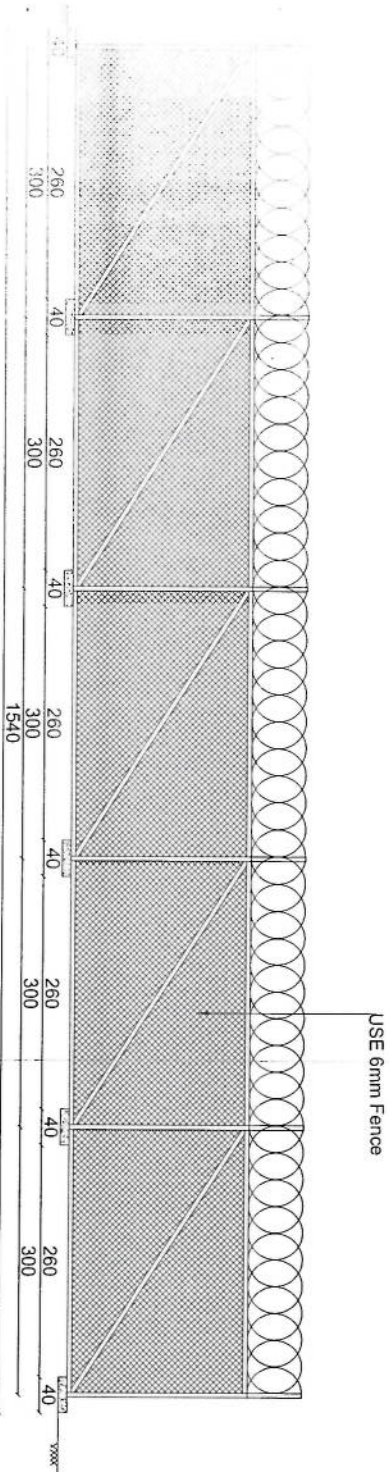
OWNER:

ARGHMAN I ELECU

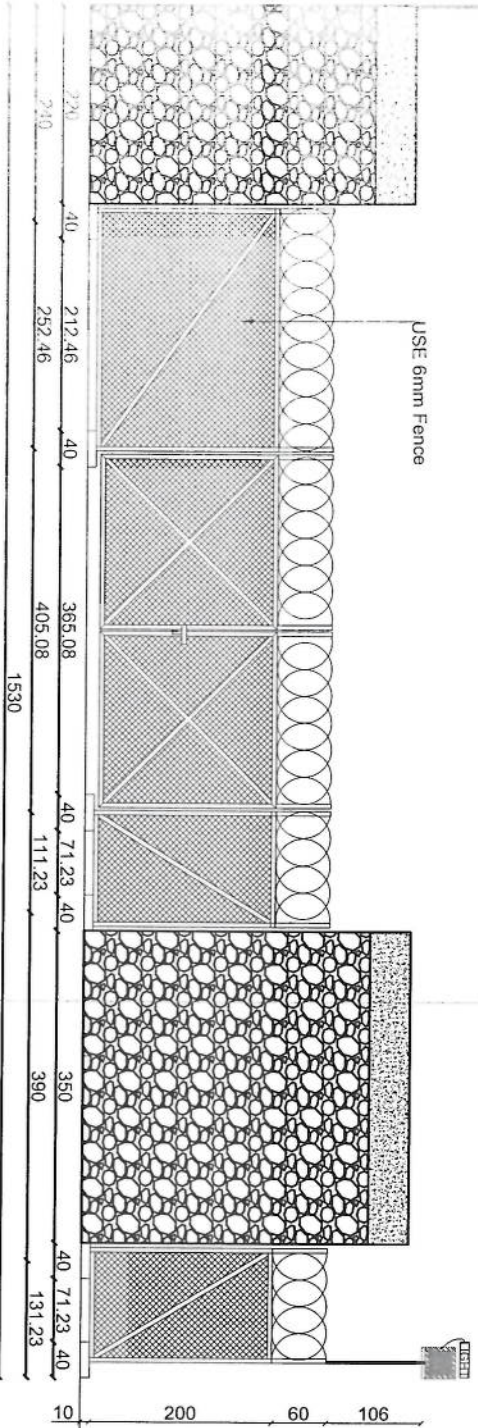
—

1000

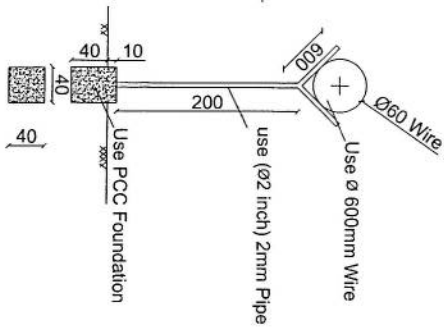
A F G H



EAST ELEVATION



WEST ELEVATION



REVISION RECORDS	
REVISION NO	DATE
1	03/08/2025

LEGEND:	
BRICK MASONRY	
STONE MASONRY	
PCC PLASTER	
RAILWAY WIRE	
100mm	

PROJECT TITLE / NO:	
REPEATER SITE	
DATE	

DRAWING TITLE:	
FENCE WALL ELEVATIONS & DETAILS	
DATE	

DRAWN BY:	
CIVIL TEAM	
CHECKED BY:	

APPROVED BY:	
SCALE:	
1:100	

ACTUAL DATE:	
03/08/2025	
ISSUE DATE:	
DRG NO: 02	

OWNER:	
AFGHAN TELECOM	
DATE:	

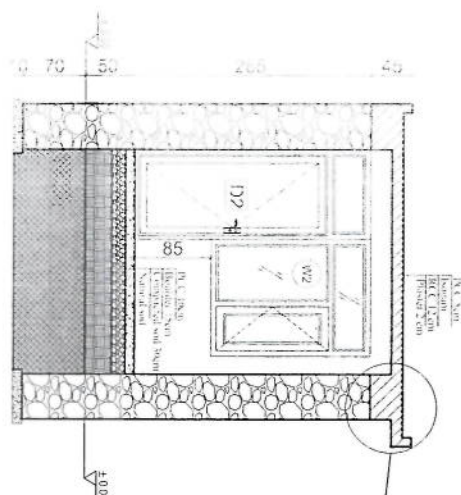
OWNER:	
AFGHAN TELECOM	
DATE:	

WALL ELEVATIONS & DETAILS

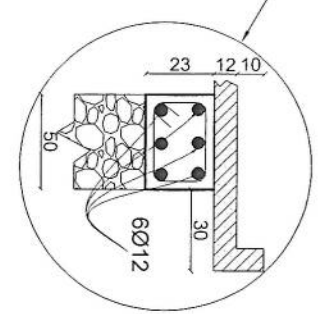
SCALE: 1:100

KASUL

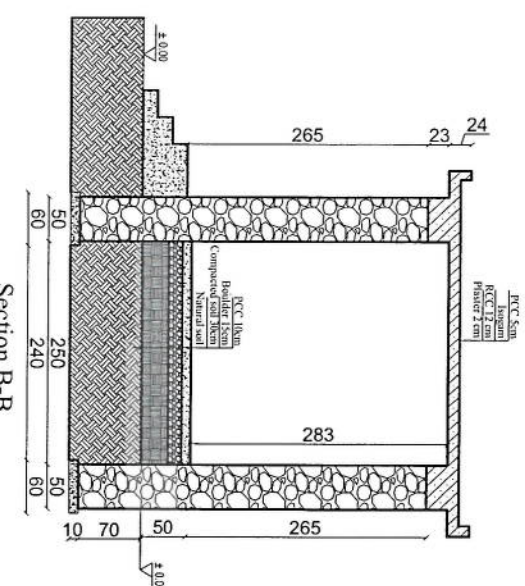
AFGHANISTAN



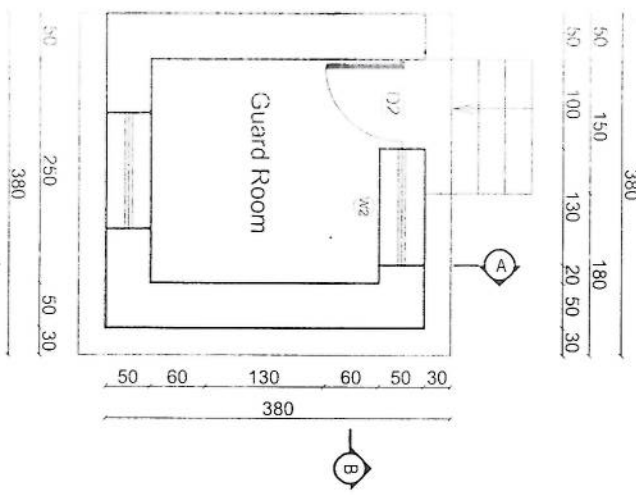
Section B-B



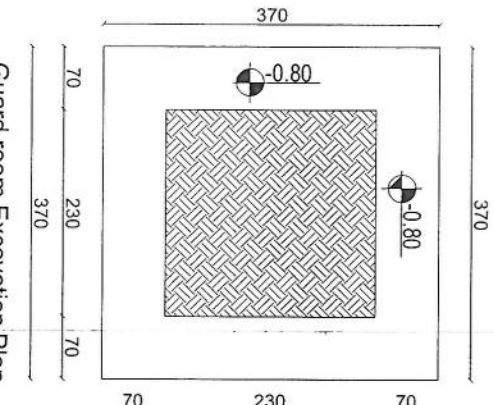
Detail W & R



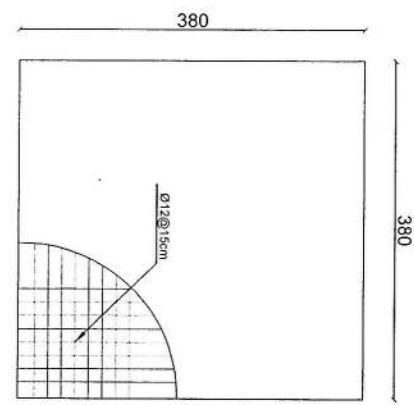
Section B-B



Guard room



Guard room Excavation Plan



Rebar details of GR roof

REVISION RECORDS	
REVISION NO.	DESCRIPTION
01	Initial

LEGEND:	
BRICK FILL	Brick masonry
STONE MASONRY	Stone masonry
PCC (PLASTER)	PCC (Plaster)
EARTH	Earth
NATURAL SOIL	Natural soil
DOOR TYPE 1	Door type 1
DOOR TYPE 2	Door type 2

PROJECT TITLE / NO.	REPEATER SITE
OWNER	AFGHAN TELECOM

DRAWING TITLE:	GUARD ROOM
DRAWN BY:	CIVIL TEAM
CHECKED BY:	

APPROVED BY:	
SCALE:	1:75
ACTUAL DATE:	03/05/2025
ISSUE DATE:	03/05/2025
DRG NO:	03

OWNER:	AFGHAN TELECOM
DESIGNED BY:	

OWNER:	AFGHAN TELECOM
DESIGNED BY:	

OWNER:	AFGHAN TELECOM
DESIGNED BY:	

LEGEND:

	CRUSHED ROCK	حجارة كسرة
	POC PLASTER	سحق
	RCC	سحق حديد
	GROUND LEVEL	ارتفاع صلب

PROJECT TITLE / NO:

REPEATER SITE

20100101

20100101

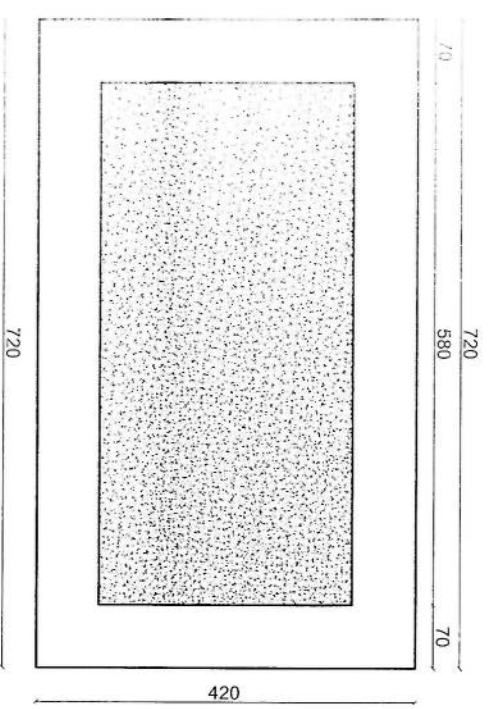
DRAWING TITLE:
GENERATOR ROOM
تقني حجرة

DRAWN BY:	قريب
CIVIL TEAM	
CHECKED BY:	قريب

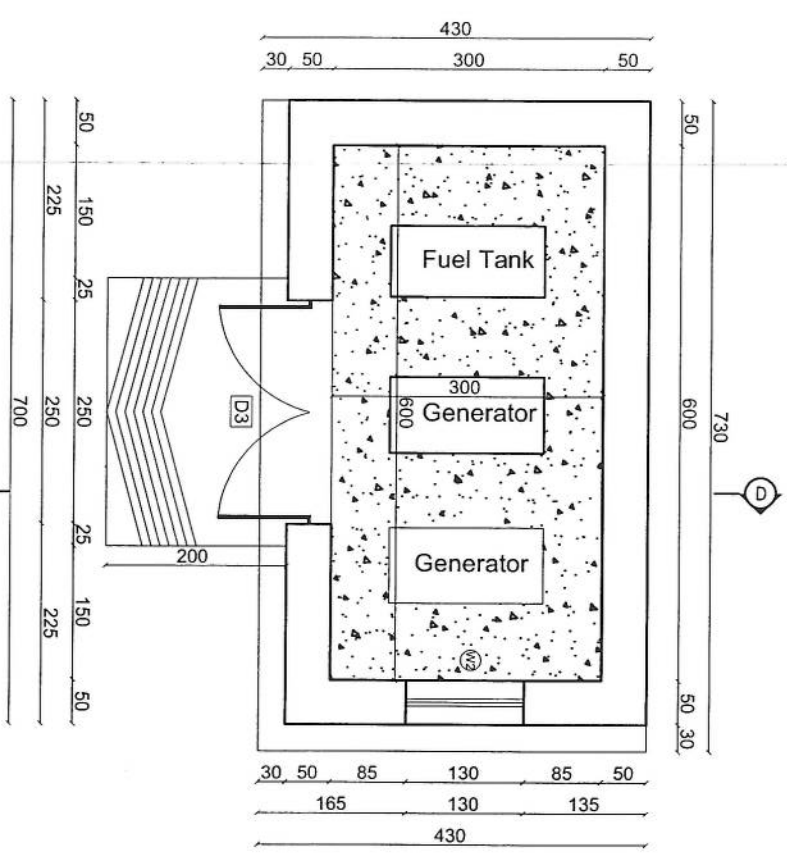
APPROVED BY: 

SCALE:	1:75	تقاسم:	1:75
ACTUAL DATE:	03/06/2025	تاریخ:	03/06/2025
ISSUE DATE:		DRG.NO:	04

OWNER:
AFGHAN TELECOM



Generator Room Excavation Plan



Generator Room Plan

CEMENTATOR ROOM
REF. A104

SCALE: 1:15

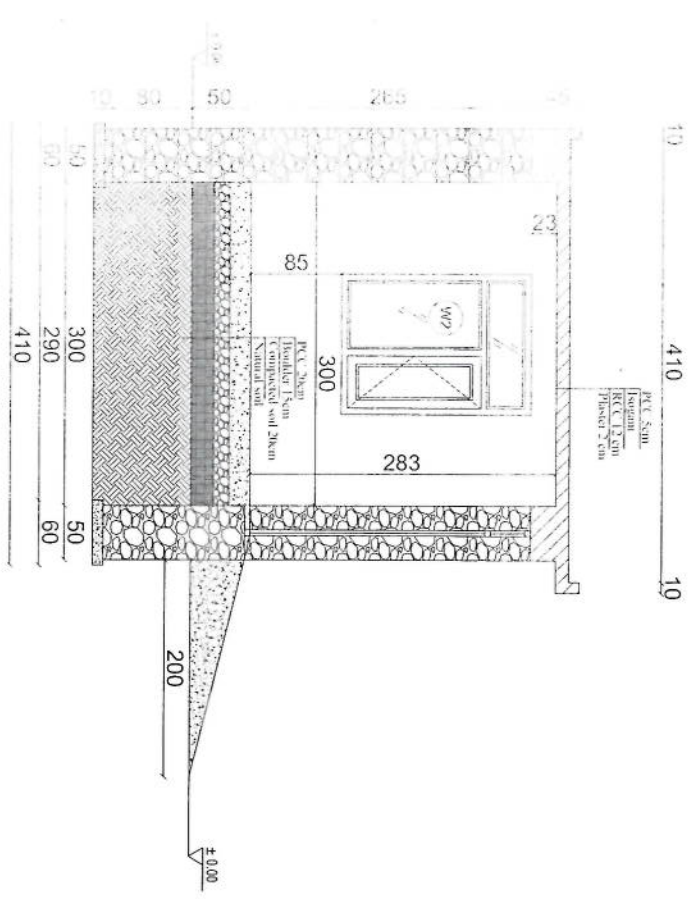
SCALE: 1:75

REVISION RECORDS			
REVISION NO	DATE	DESCRIPTION	
1	03/08/2025	Initial	

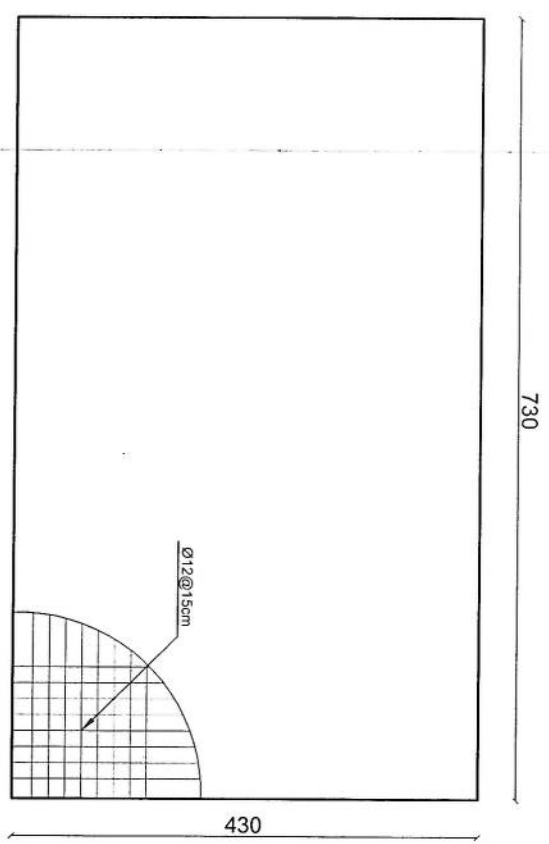
LEGEND:	
	CHASED ROOF
	PCC PLASTER
	RCC
	± 0.00 GROUND LEVEL

PROJECT TITLE / NO:	REPEATER SITE
DRAWING TITLE:	GENERATOR ROOM
DRAWN BY:	CIVIL TEAM
CHECKED BY:	
APPROVED BY:	

SCALE:	1:75
ACTUAL DATE:	03/08/2025
ISSUE DATE:	DRG NO: 05
OWNER:	AFGHAN TELECOM



Section D-D



Rebar details of Generator Room roof

SCALE: 1:75

REVISION RECORDS	
REVISION NO	DATE
1	01/06/2025

LEGEND:

- BRICK FILL
- STONE MASONRY
- PCC
- W1 WINDOWS TYPE 1
- D1 DOOR TYPE 1
- ±0.00 GROUND LEVEL

PROJECT TITLE / NO:
REPEATER SITE
طريق كابل
مستط

DRAWING TITLE:
TOILET
توالت

DRAWN BY:
CIVIL TEAM

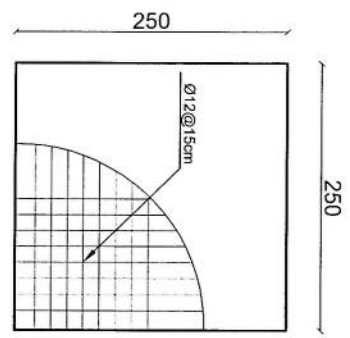
CHECKED BY:

APPROVED BY:

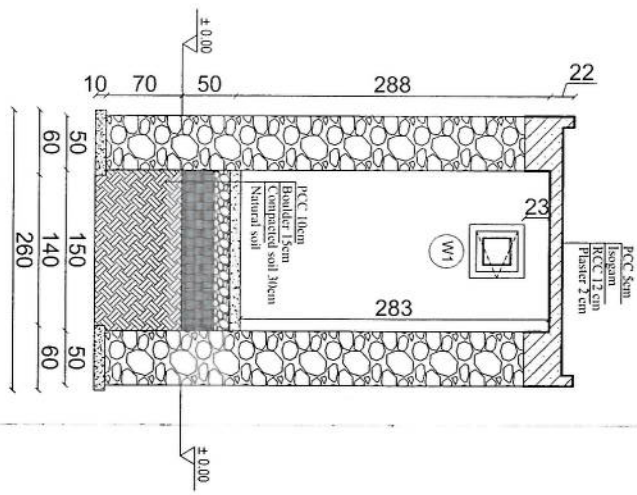
SCALE: 1:50
ACTUAL DATE: 01/06/2025
ISSUE DATE: DRG. NO. 06

OWNER:
AFGHAN TELECOM

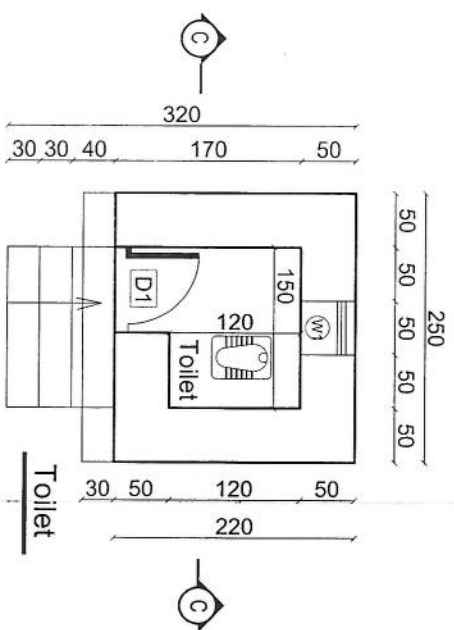
طريق كابل
KASUL
AFGHANISTAN



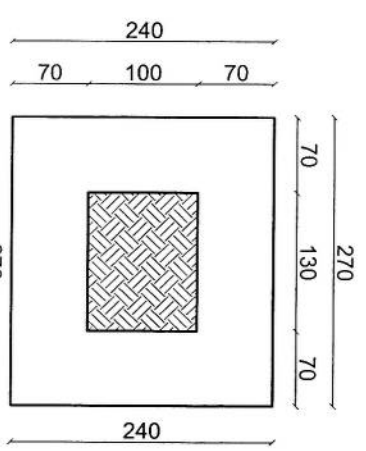
Rebar details of Toilet roof



Section C-C

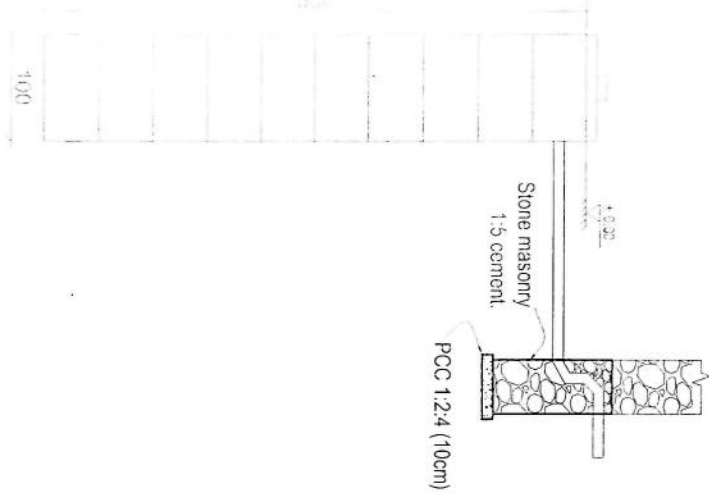


Toilet

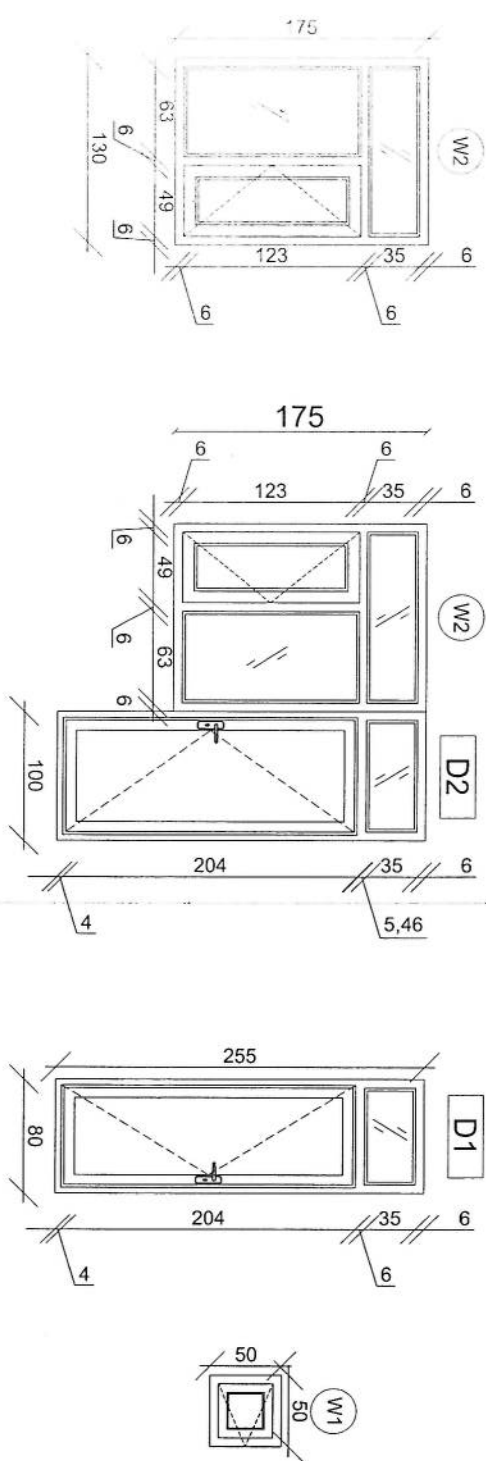


Toilet Excavation Plan

Well for toilet



REVISION RECORDS	
REVISION NO	DATE DESCRIPTION
LEGEND:  BRICK MASONRY  WINDOW TYPE 1  WINDOW TYPE 2  DOOR TYPE 1  DOOR TYPE 2  DOOR TYPE 3	
PROJECT TITLE / NO.: REPEATER SITE ډیالو ځای	
DRAWING TITLE: DOORS & WINDOWS DETAILS شالونې ډیالو ځای	
DRAWN BY: CIVIL TEAM	
CHECKED BY:	
APPROVED BY:	
SCALE: 1:50	
ACTUAL DATE: 03/08/2025	DRG NO: 07
OWNER: AFGHAN TELECOM ډیالو ځای	
Salam Telecommunication Company AFGHANISTAN	



DOORS & WINDOWS DETAILS
 SHT. A107
 SCALE: 1:25

REVISION RECORDS	
REVISION NO	DATE DESCRIPTION
01	03/06/2025

LEGEND:

- (M1) BRICK FIELD
- (M2) WINDOWS TYPE 1
- (M3) WINDOWS TYPE 2
- (D3) DOOR TYPE 3
- (D4) DOOR TYPE 4

PROJECT TITLE / NO:

REPEATER SITE

درب و پنجره

DRAWING TITLE:

DOORS & WINDOWS DETAILS

DRAWN BY:

CIVIL TEAM

CHECKED BY:

APPROVED BY:

SCALE:

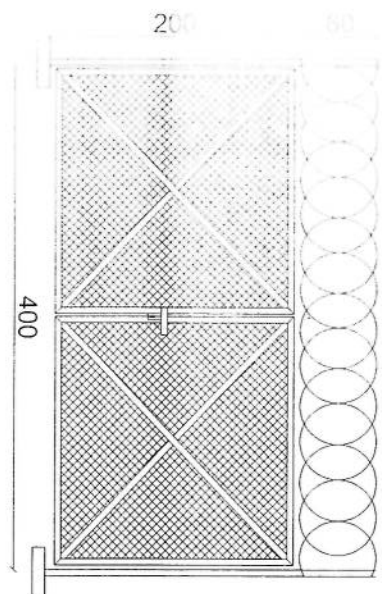
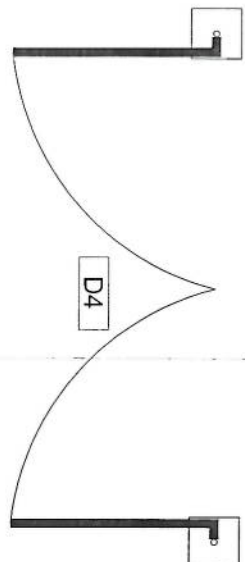
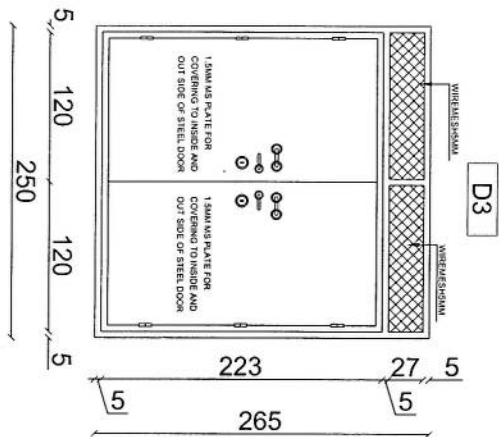
ACTUAL DATE:

ISSUE DATE:

OWNER:

AFGHAN TELECOM

Salman Telecommunication Company
AFGHANISTAN



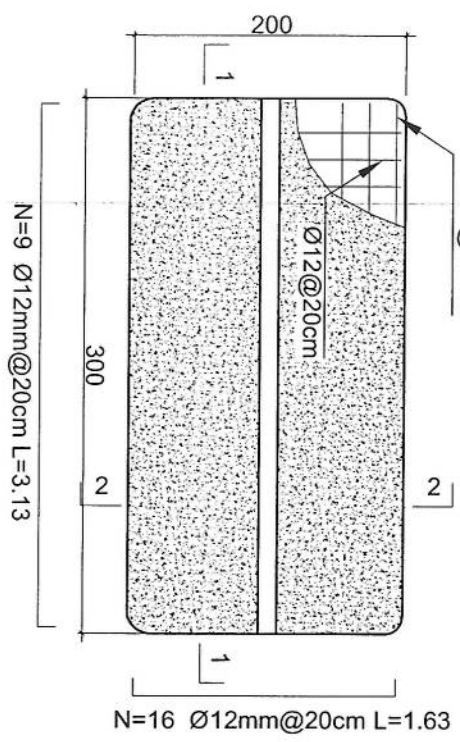
08

REF: A-108

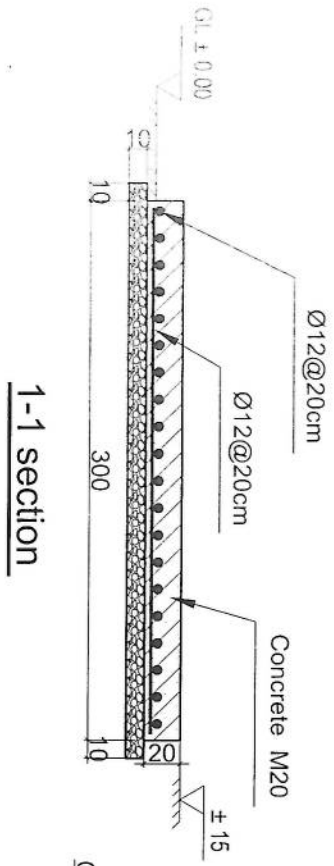
DOORS & WINDOWS DETAIL S.

SCALE: 1:75

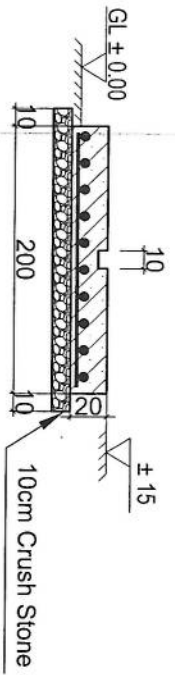
- Notes:
1. The foundation is adopts reinforced concrete, (the concrete is M20; (M20:compressive strength is 20N/mm2); the foundation lays on a 10cm thick crush stone pad;
 - 2 Ø12: mild steel, rebars strength 210N/mm2
 - 3 minimum concrete cover for rebar is 3.5cm,
 4. All units are in cm
 - 5 All edges of the Slab should be curve



Outdoor BTS Foundation



1-1 section



2-2 section

REVISION RECORDS		
REVISION NO	DATE	DESCRIPTION
1	03/08/2020	ISSUED

LEGEND:	
Ø12@20cm	Ø12@20cm
CONCRETE M20	CONCRETE M20
10cm CRUSH STONE	10cm CRUSH STONE
±0.00	GROUND LEVEL

PROJECT TITLE / NO:	REPEATER SITE
PROJECT NO:	03/08/2020

DRAWING TITLE:	ZTE OUTDOOR BTS FOUNDATION
DRAWN BY:	CIVIL TEAM
CHECKED BY:	

APPROVED BY:	
SCALE:	1:25
ACTUAL DATE:	03/08/2020
ISSUE DATE:	03/08/2020
DRG. NO:	09

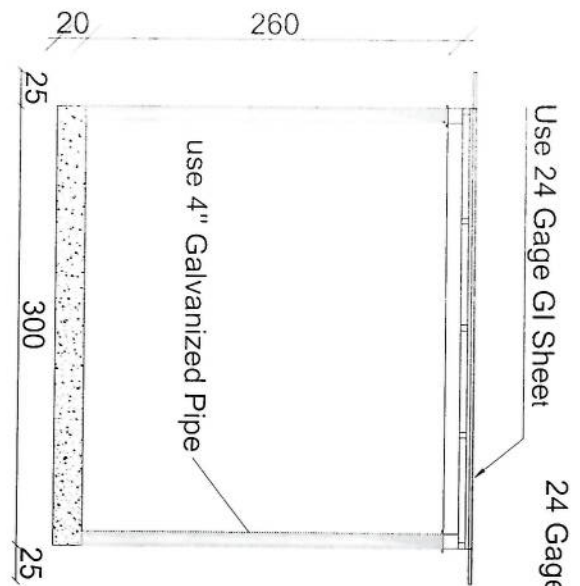
OWNER:	AFGHAN TELECOM
DESIGNED BY:	AFGHAN TELECOM
CHECKED BY:	AFGHAN TELECOM
APPROVED BY:	AFGHAN TELECOM

[Signature]

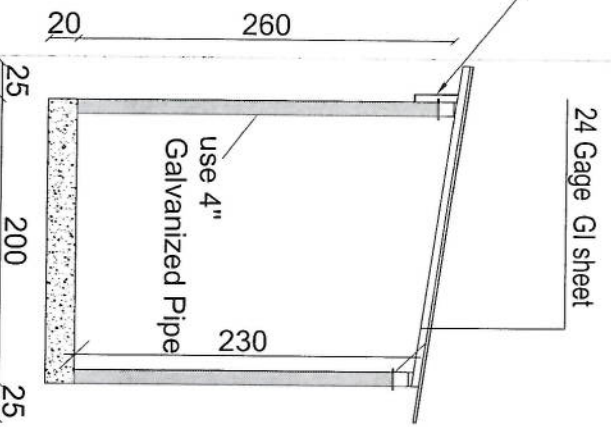
REVISION RECORDS			
REVISION NO	DATE	DESCRIPTION	REVISION
1	03/09/2025	ISSUE DATE	DRG NO: 10

LEGEND:
CHANGED ROCK
POC

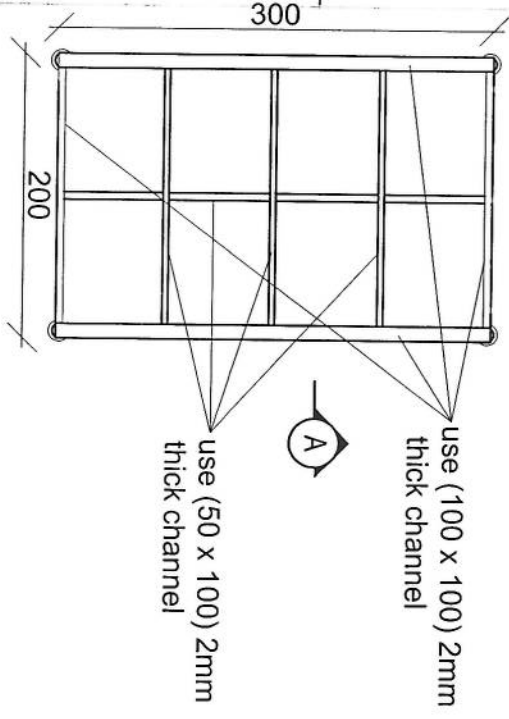
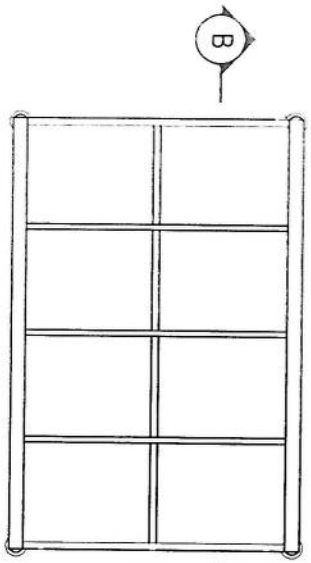
PROJECT TITLE / NO:
REPEATER SITE
سایت دایره
DRAWING TITLE:
SUN SHELTER FOR ZTE BTS
BTS
سایه بان برای BTS
DRAWN BY:
CIVIL TEAM
CHECKED BY:
APPROVED BY:
SCALE:
1:50
ACTUAL DATE:
03/09/2025
ISSUE DATE:
03/09/2025
DRG NO: 10
OWNER:
AFGHAN TELECOM
مالك بيلد
Salam Telecommunication Company
KABUL
AFGHANISTAN



Section BB



Section AA



SUN SHELTER FOR ZTE BTS
REF. A110

SCALE: 1:50

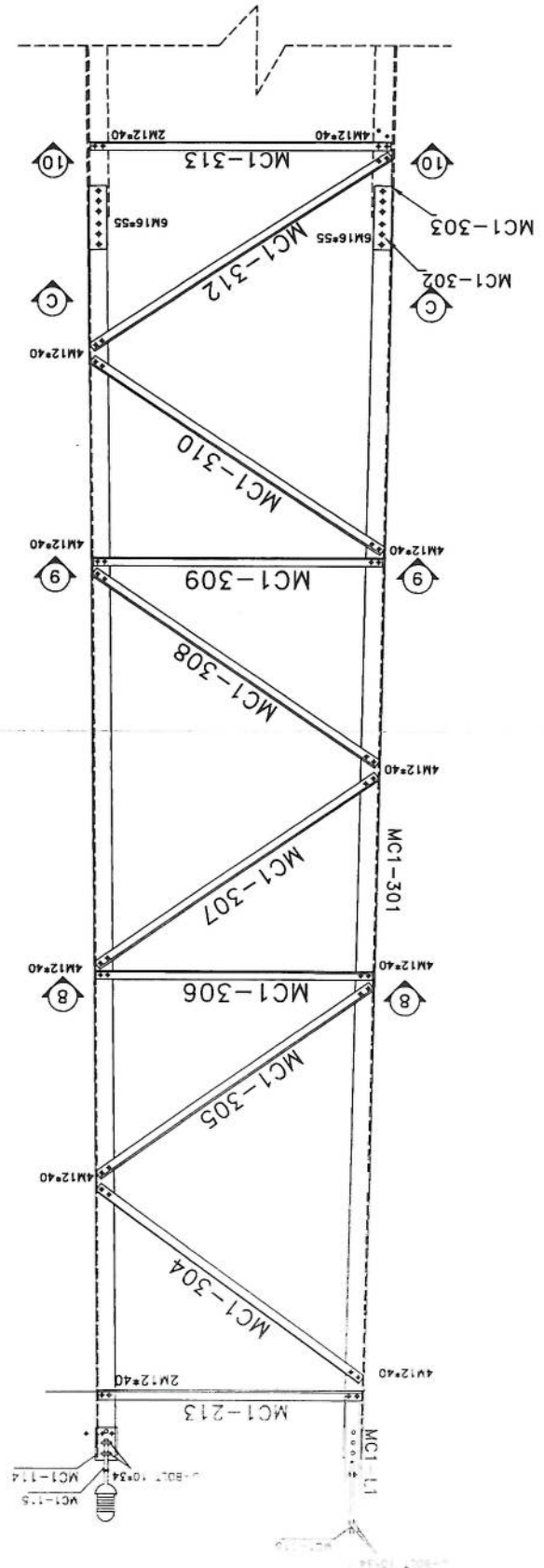
ریپتر سایت PTK015 جهت اتصال سایت PTK057 (VSAT) توسط مایکرویف مورد تأیید رهبری شرکت افغان تیلیکام

SN	SiteID	LAT	LONG	Province	District	Add	Site Service Type	Near End Site ID	Near End Site Distance	Near End Site Traffic 3G+4G (PS) GB Daily Base	Near End Site Traffic 2G+3G (CS) Erling Daily Base	Tower Type	Tower Height
1	PTK015	32.30338	68.94873	Paktika	Nemat Abad	بساغونی	RPT	PTK012	48km			GF	30M
محمد هارون محمدی				رسیده محمد افشار افشاری			محمد جان روفی		حکمت الله ستانکزی			ولایت خان عظیمی	
واری کونده معاونیت عملیاتی پوینس				م. رحیم خانزایی پوینس			آمر ترانسمیشن TX		RF BSS آمر			مدیر RF Optimization	

رئیس عمومی شرکت افغان تیلی کام

پوهنځار علی حمد سامند

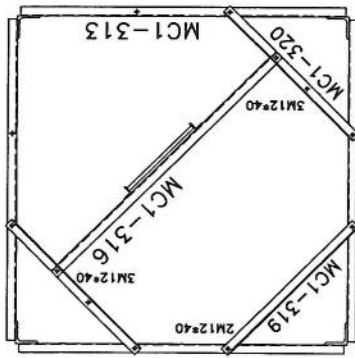
Handwritten signature



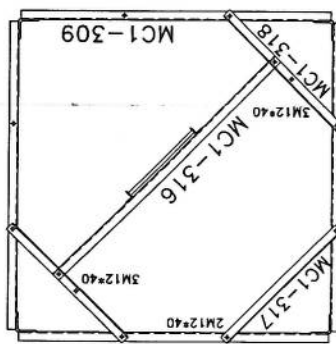
Project No.: _____		Tower Type: TOWER NB	
Scale: 1/11		Ref. No. 00	
Sheet No. 1		Title: NB TOWER 30m	
Client: _____		Project: AFGHAN TELECOM	
Rev. 00		Design: S. Ghodini	
Checked: _____		Approved: A. Salihpour	
Date: 10/13/24		Description: _____	

48	M16x55
168	M12x40
Qty	Specification
List of Bolts - PANEL 3	

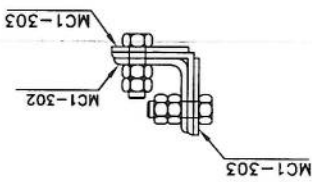
SEC. 10-10



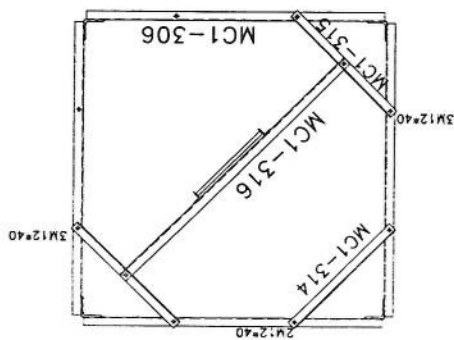
SEC. 9-9



SEC. C-C



SEC. 8-8

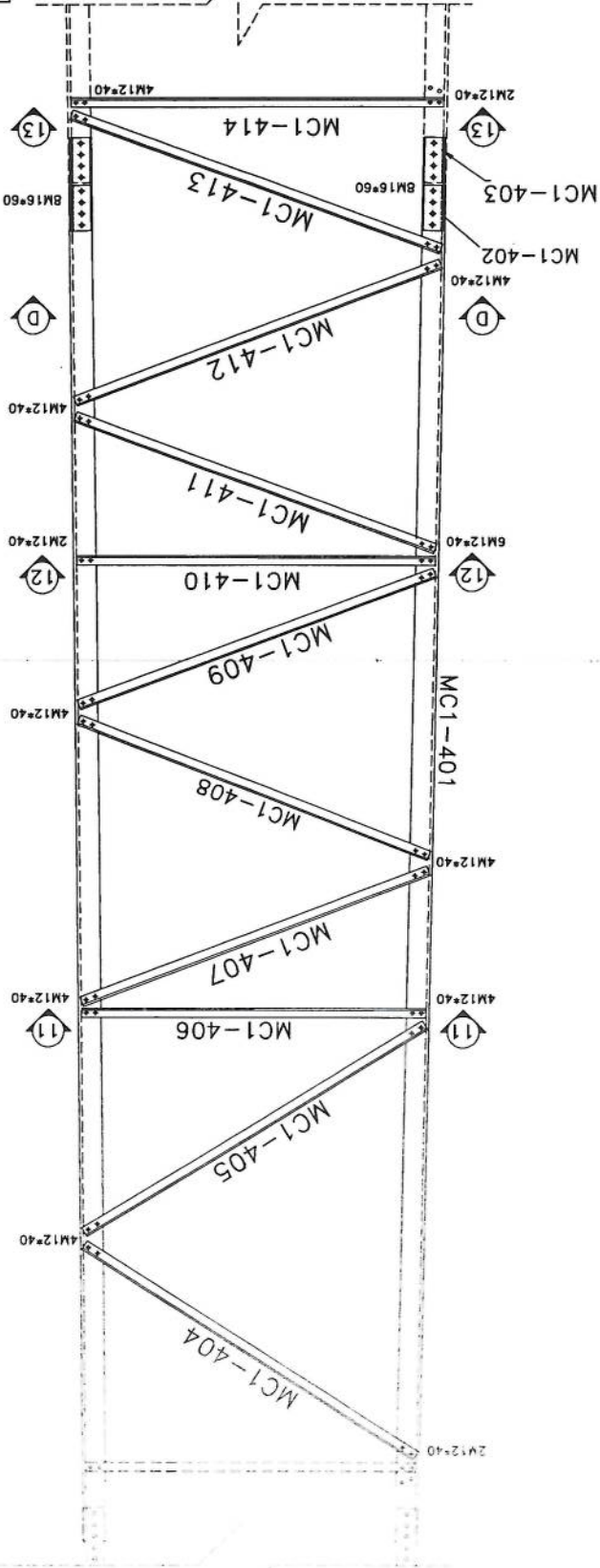
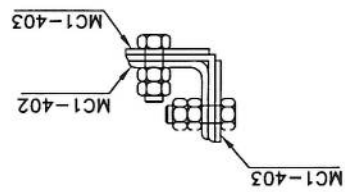


Project No.:		Scale: 1/11	Ref. No. 00	Sheet No. 2
Tower Type: TOWER NB		Title: NB TOWER 30m		
Client:		Project: AFGHAN TELECOM		
Rev.	Design	Drawn	Checked	Approved
02	--	--	--	A. Salashour
01	--	--	--	10/13/2024
00	--	--	--	10/13/2024
Description		Description		
--		--		
--		--		

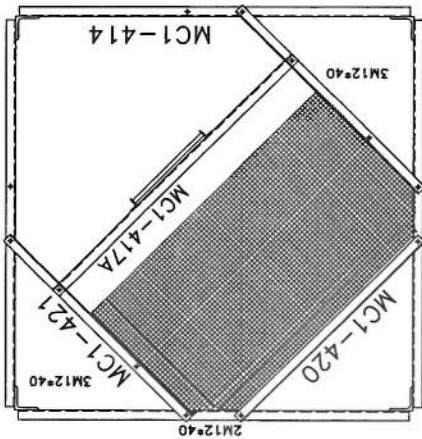


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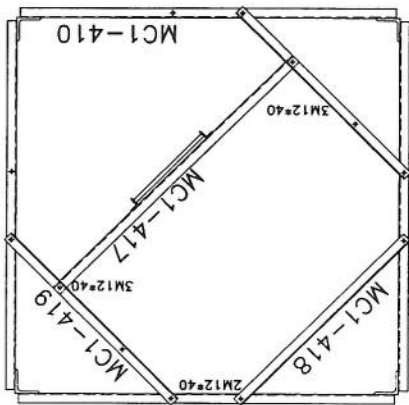
SEC. D-D



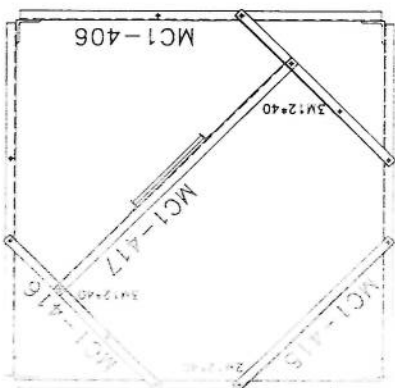
SEC. 13-13



SEC. 12-12

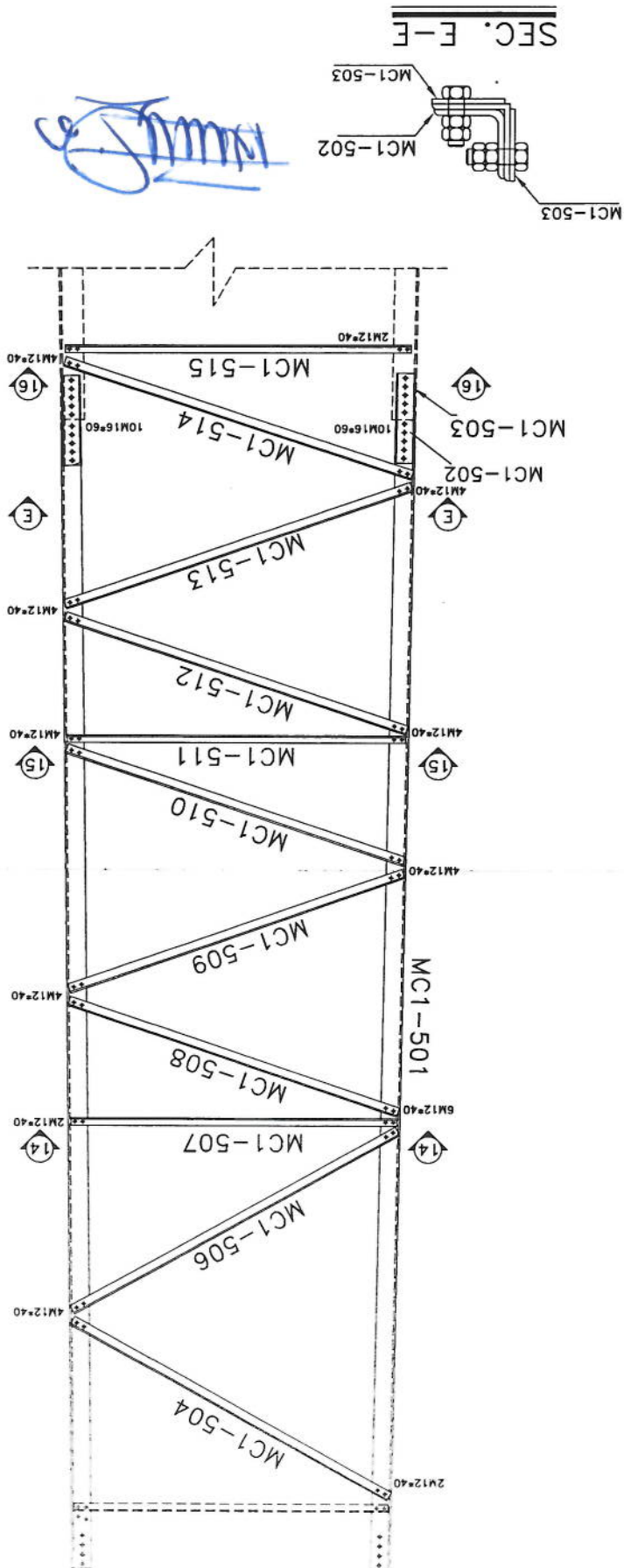


SEC. 11-11



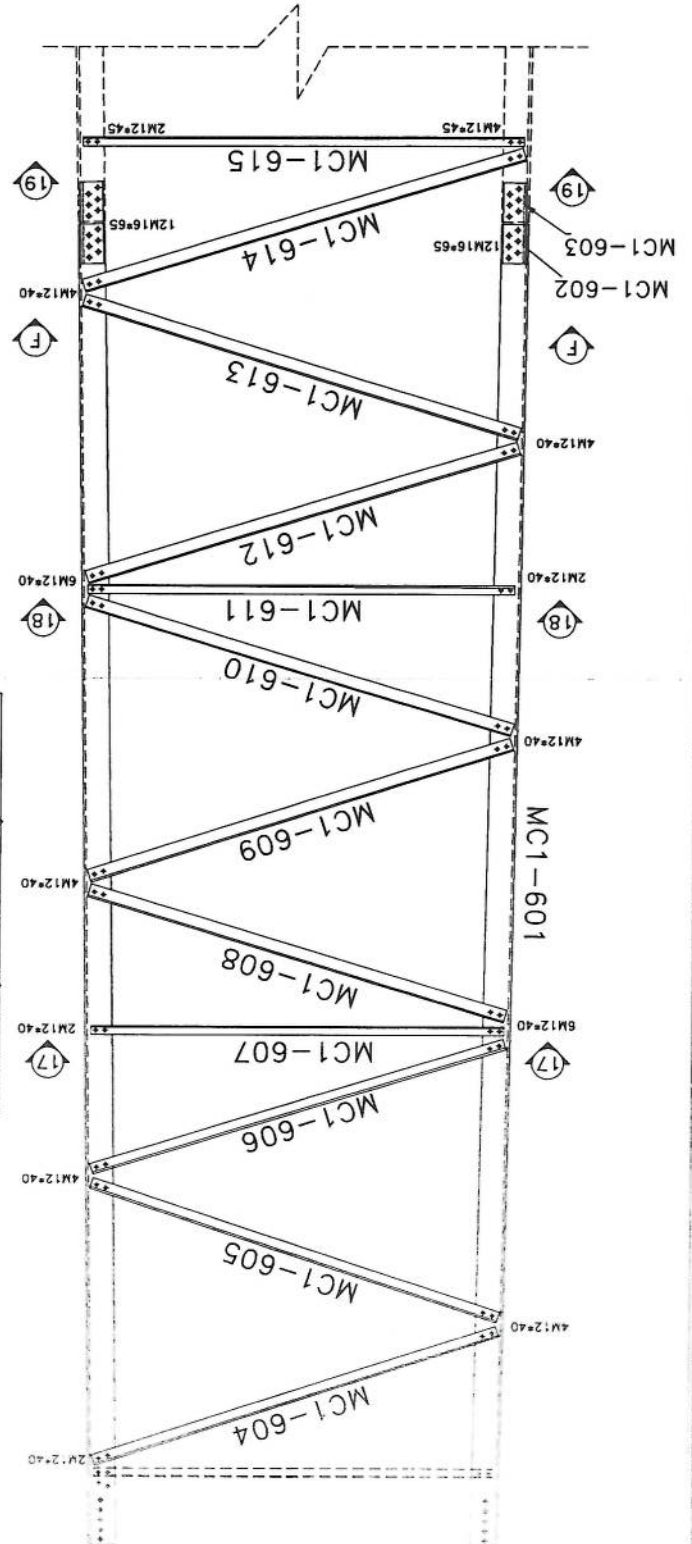
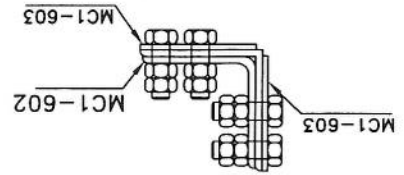
List Of Bolts - PANEL 4	
Specification	Qty
M12*40	200
M16*60	64

List of Bolts - PANEL 5	
Qty	Specification
194	M12x40
80	M16x60

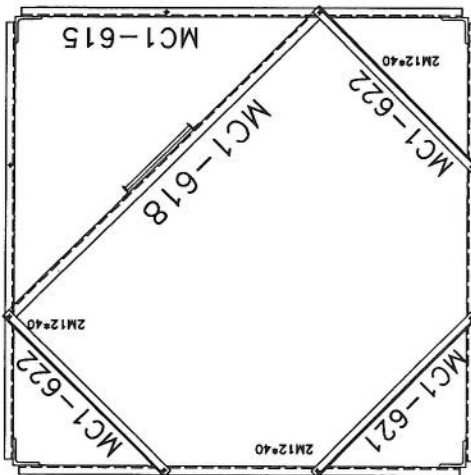


Handwritten signature

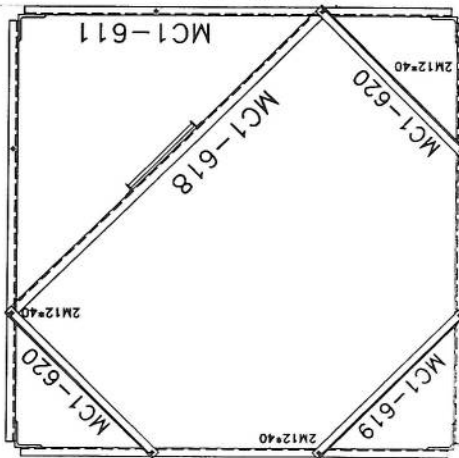
SEC. F-F



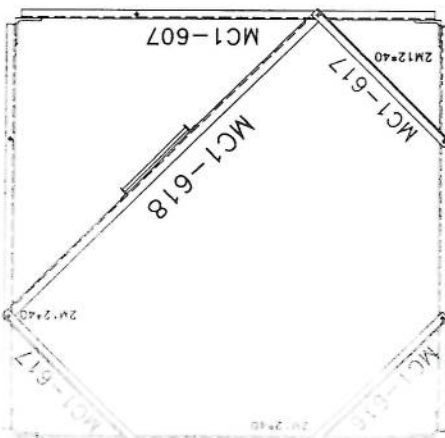
SEC. 19-19



SEC. 18-18



SEC. 17-17



Project No.:		Tower Type: TOWER NS	
Scale: 1/11		Rev. No. 00	
Sheet No. 8		Title:	
AFGHAN TELECOM		NB TOWER 30M	
Client:		Project:	
Description		Date	
00		A. Soltanpour 10/13/24	
01		S. Ghodini	
02		Design	
00		Drawn	
01		Checked	
02		Approved	
00		Date	
01		Description	
02		00	

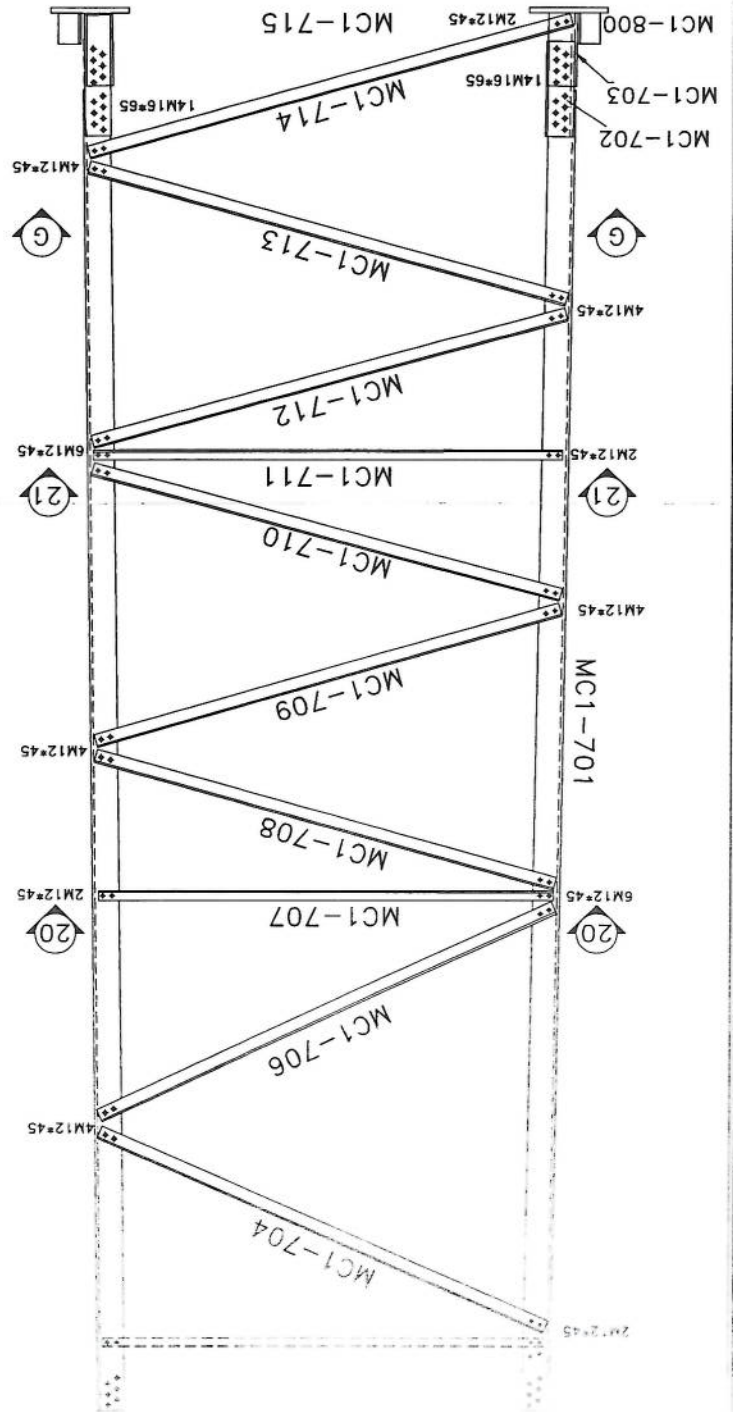
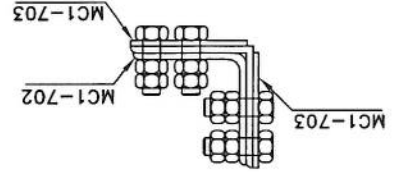
List of Bolts - PANEL 6	Specification	Qty
M16x65	24	96
M12x45	186	
M12x40	186	

Project No.: _____		Scale: 1/11	Ref. No. 00	Sheet No. 5
Tower Type: TOWER NB		Title: _____		
Project: _____		Client: _____		
Rev.		Design	Drawn	Checked
00	--	--	S. Ghadiri	--
01	--	--	--	--
02	--	--	--	--
Description		Date	Approved	
--		10/13/24	A. Salashour	
--				
--				

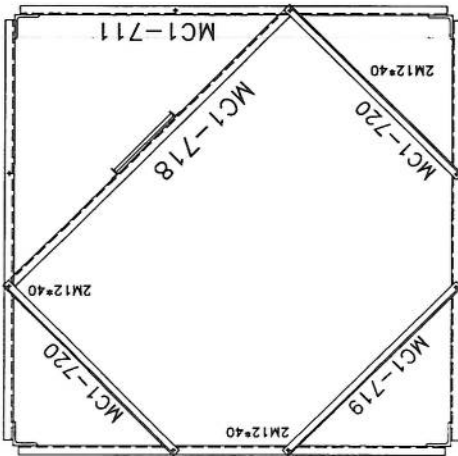
List of Bolts - PANEL 7	
Specification	Qty
M12x40	18
M12x45	176
M16x65	112



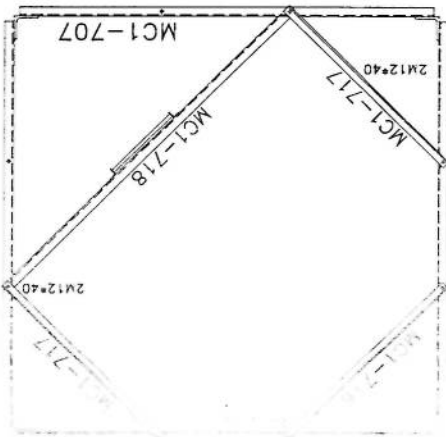
SEC. G-G



SEC. 21-21



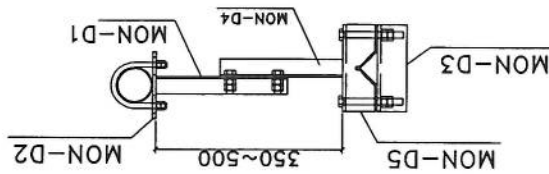
SEC. 20-20



Project No.:		Tower Type: TOWER NB		Scale: 1/11		Ref. No. 00		Sheet No. 12	
Rev.		Design		Drawn		Checked		Approved	
02	--	S. Ghadiri		---		---		A. Solahpour 01/03/11	
01	--	S. Ghadiri		---		---		A. Solahpour 01/02/11	
00	--	S. Ghadiri		---		---		A. Solahpour 10/15/11	
Description		Date		Date		Date		Description	
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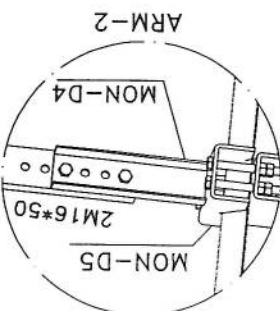
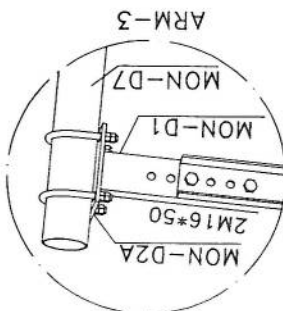
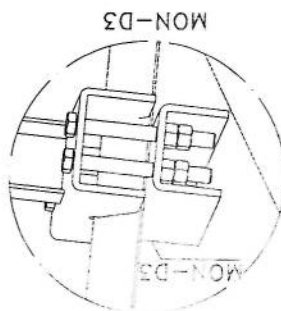
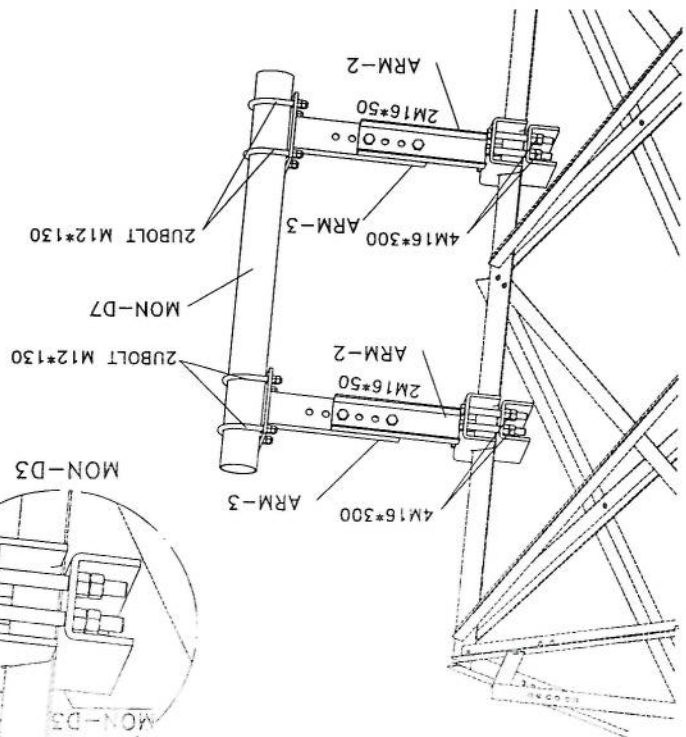
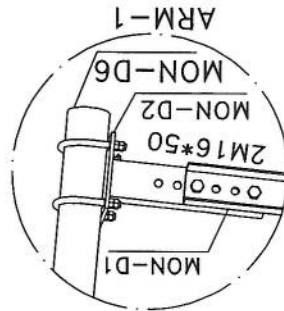
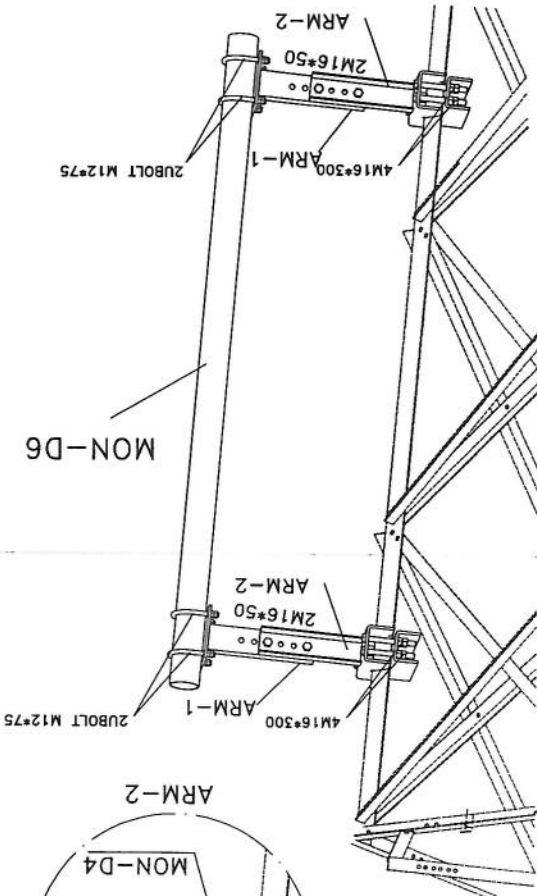
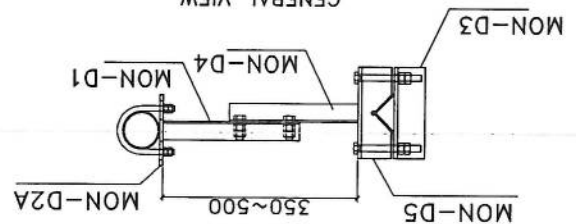
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GENERAL VIEW



ASSEMBLY	POSITION	SIZE	QUANTITY
ARM-1	MON-D1	UNP80	2
ARM-1	MON-D2	PLB	2
ARM-2	MON-D4	UNP80	2
ARM-2	MON-D5	PLB	2
	MON-D6	PIPE60*4.3	1
BOLT	M16*300		8
UBOLT	M12*130		4

GENERAL VIEW



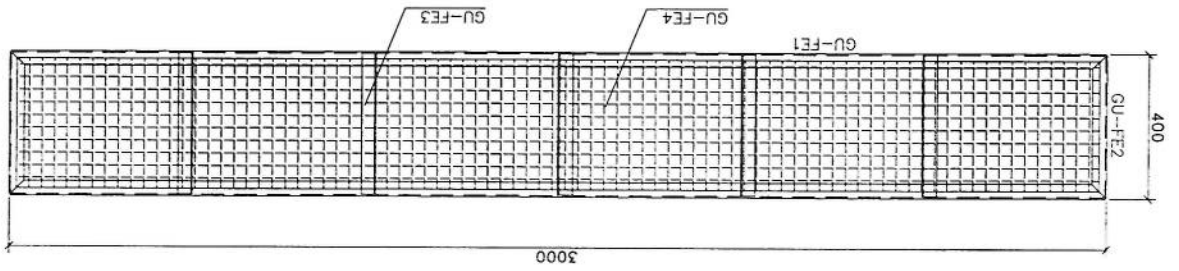
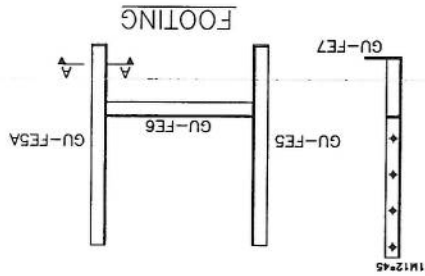
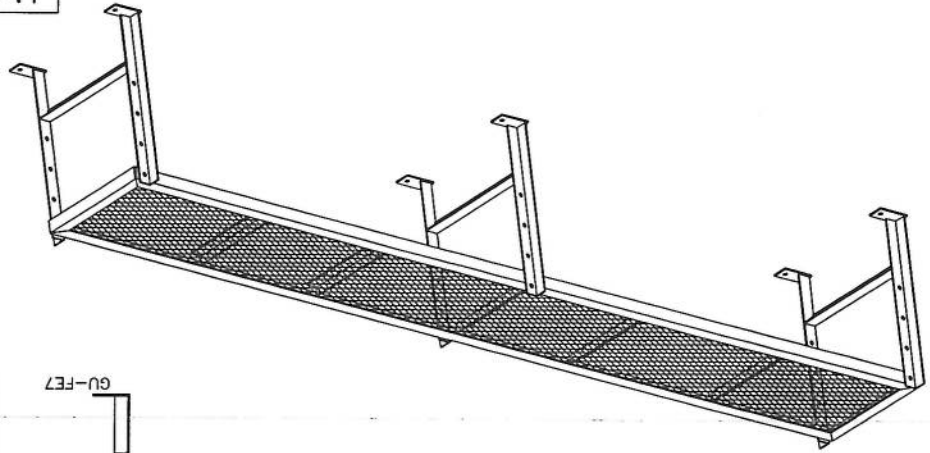
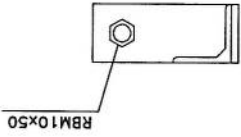
ASSEMBLY	POSITION	SIZE	QUANTITY
ARM-1	MON-D1	UNP80	2
ARM-1	MON-D2	PLB	2
ARM-2	MON-D4	UNP80	2
ARM-2	MON-D5	PLB	2
	MON-D6	PIPE60*4.3	1
BOLT	M16*300		8
UBOLT	M12*130		4

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Project No.: 1/11		Ref. No. 00	Sheet No. 12
Tower Type: TOWER NB		Title: NB TOWER 30M	
		Project: AFGHAN TELECOM	
Client:			
Rev.	Design	Drawn	Checked
00	--	S.Ghadiri	A.Salohashour
01	--	S.Ghadiri	A.Salohashour
02	--	S.Ghadiri	A.Salohashour
Date		Description	
10/13/24		--	
01/02/24		--	
01/03/11		--	

List Of Bolts - LADDER	
Specification	Qty
M12*45	6
RBM10x50	6

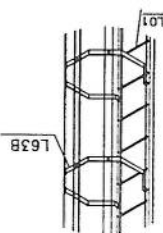
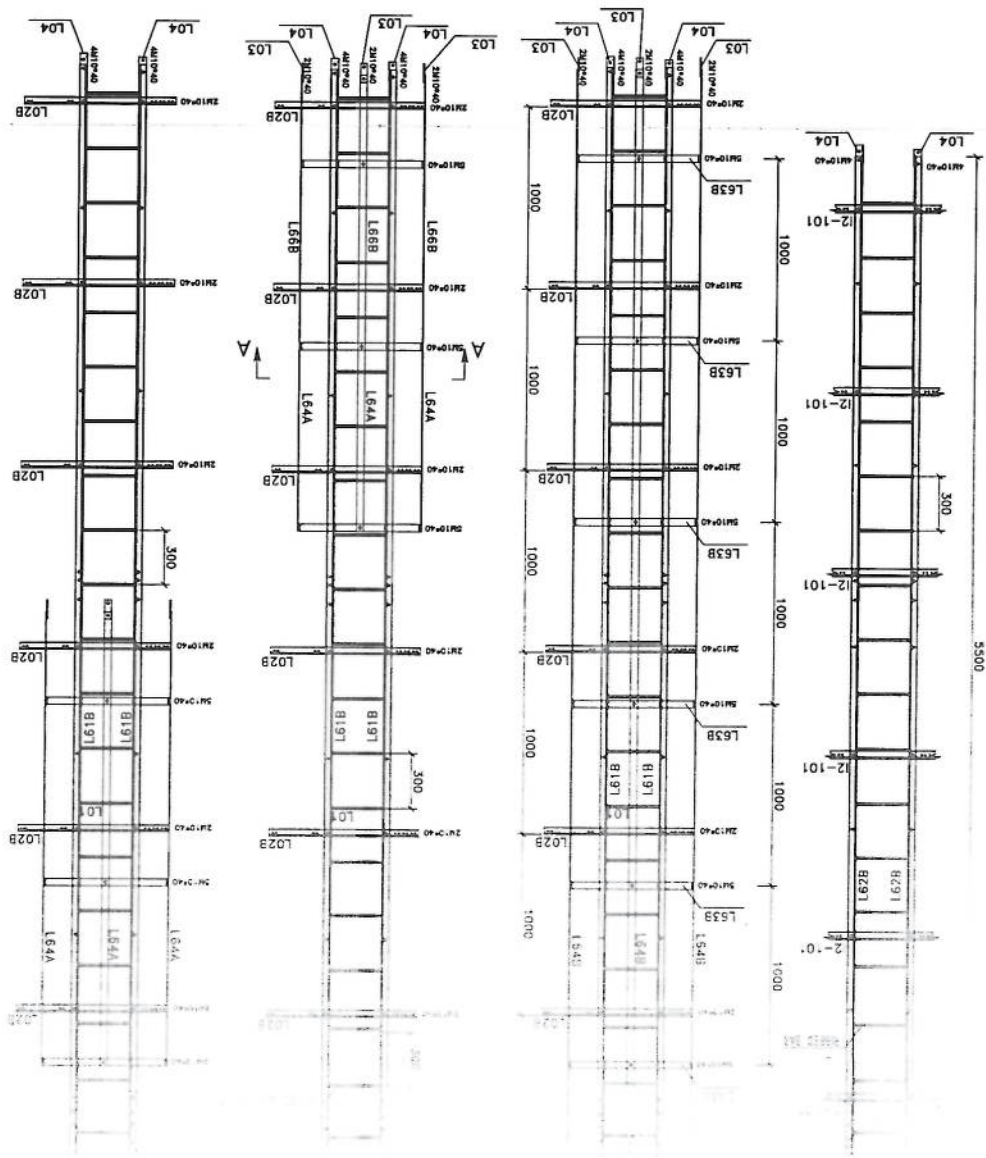
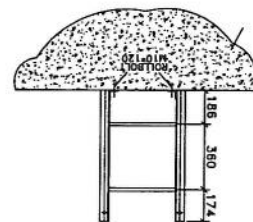
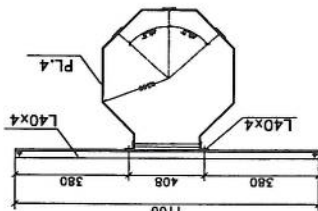
SECTION A-A



Project No.:		Tower Type: TOWER NB	
Scale: 1/11		Ref. No. 00	
Sheet No. 10		Project:	
AFGHAN TELECOM		Title:	
NB TOWER 30M		LADDER	
Client:		Rev.	
Checked		Design	
Approved		Drawn	
10/13/24		S. Ghodiri	
Date		Description	
00		00	
01		01	
02		02	

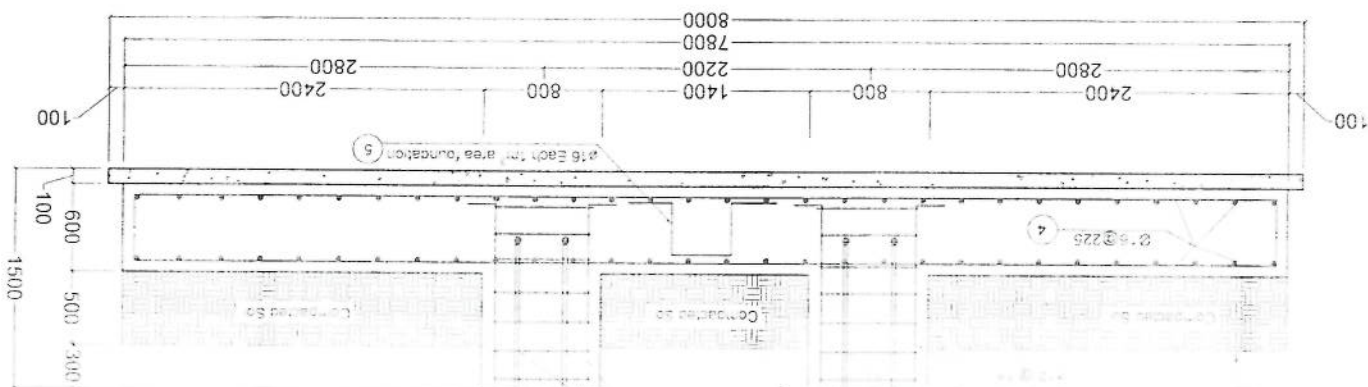
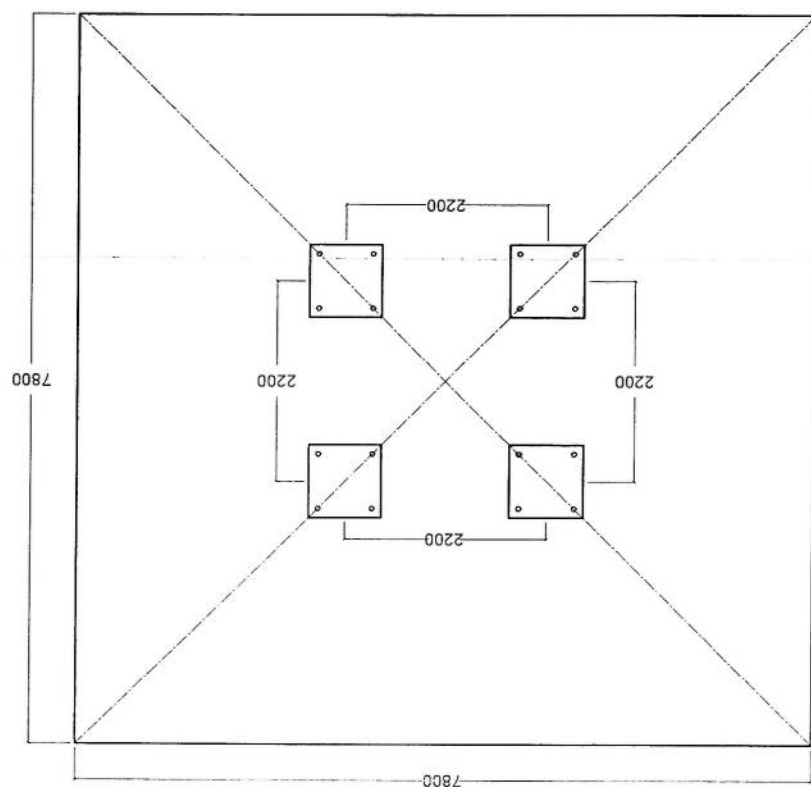
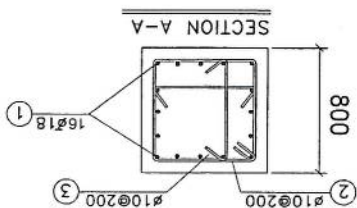
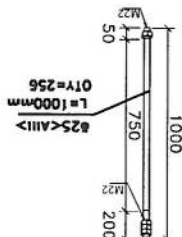
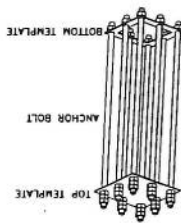
List of Bolts - LADDER	Specification	Qty	Material
	J10*90	60	GR5.6
	M10*40	134	GR8.8

Softy Hoop And Rack Feeder

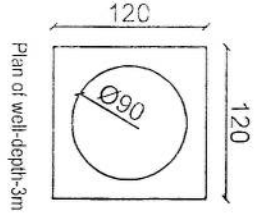


Bill of Material					Concrete Volume : 38.55 m ³			Total Weight = 2216 kg	
Pos	Shape	Dia(mm)	Length(m)	Quantity	Total Length(m)	Total Weight			
1	1250 250	18	1.50	64	96	192			
2	650 100	10	2.8	28	79.00	49			
3	100 650 100	10	0.85	56	48.00	30			
4	250 7650 250	16	8.15	140	1203	1741			
5	450 400 450 450	16	2.20	59	130	204			

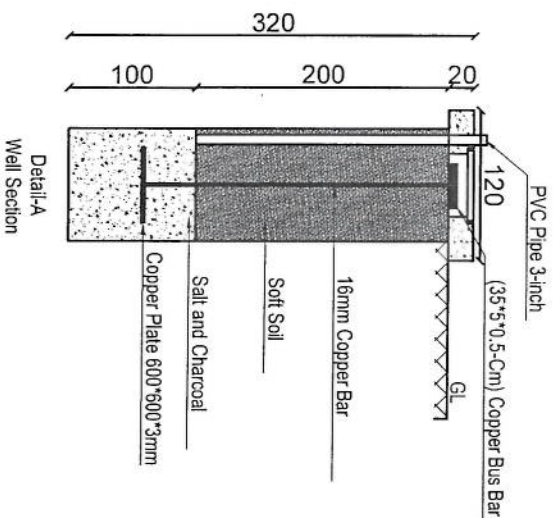
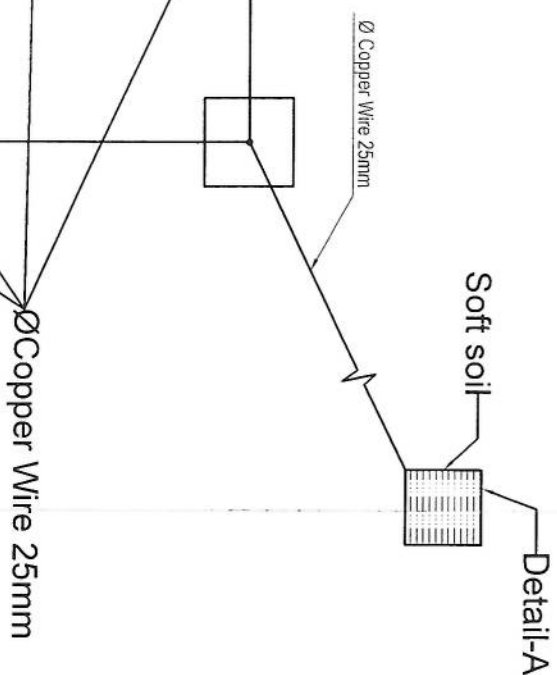
- Notes:
1. All Dimensions are in mm.
 2. F_c of concrete = 250 kg/cm².
 3. F_y of longitudinal Bars = 4000 kg/cm².
 4. Cover = 7.5 cm.
 5. Soil Allowable Stress = 1.5-2 kg/Cm².
 6. Concrete to be poured max in low stages.
 7. Concrete to confirm the specification.



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4#16mm Copper Rod under the Ground Length 100cm



Item List		
Item	Quantity	Dimension
Copper Rod	4 Pcs	1m*Ø16mm
Copper Rod	1 Pcs	2m*Ø16mm
Busbar	5 Pcs	35cm*5cm*5mm
Copper Plate	1 Pcs	60cm*60cm*3mm
Lightning Arrestor	1 Pcs	1m
Ground Cable	45m	25mm
Uncovered Ground Cable	12m	25mm
Tower Light with photo cell	1 Pcs	48V DC
Power Cable	50m	2*2mm

REVISION RECORDS		
REVISION NO	DATE	DESCRIPTION
1	14/05/2025	Initial

LEGEND:
PVC
Soft Soil

PROJECT TITLE / NO:

GSM SITES
طرح ویدئو
سایت های GSM

DRAWING TITLE:
30m Tower Grounding System
سیستم ارتداد 30 متره ایستگاه مخابرات

DRAWN BY:
CIVIL TEAM

CHECKED BY:

APPROVED BY:

SCALE: 1/75

ACTUAL DATE: 14/05/2025
ISSUE DATE: DRG NO: 23

OWNER: AFGHAN TELECOM

Salami Telekomunikashon Company
KABUL
AFGHANISTAN

~~Handwritten signature~~



LEGEND:

GSM SITES

DRAWING TITLE:

DRAWN BY:

CIVIL TEAM

CHECKED BY:

APPROVED BY

SCALE: 1:400

ACTUAL DATE

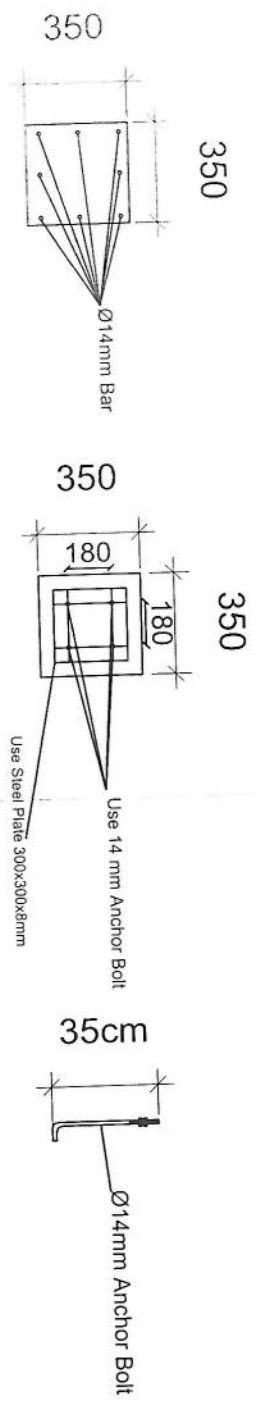
ISSUE DATE:

AFGHAN TELECOM

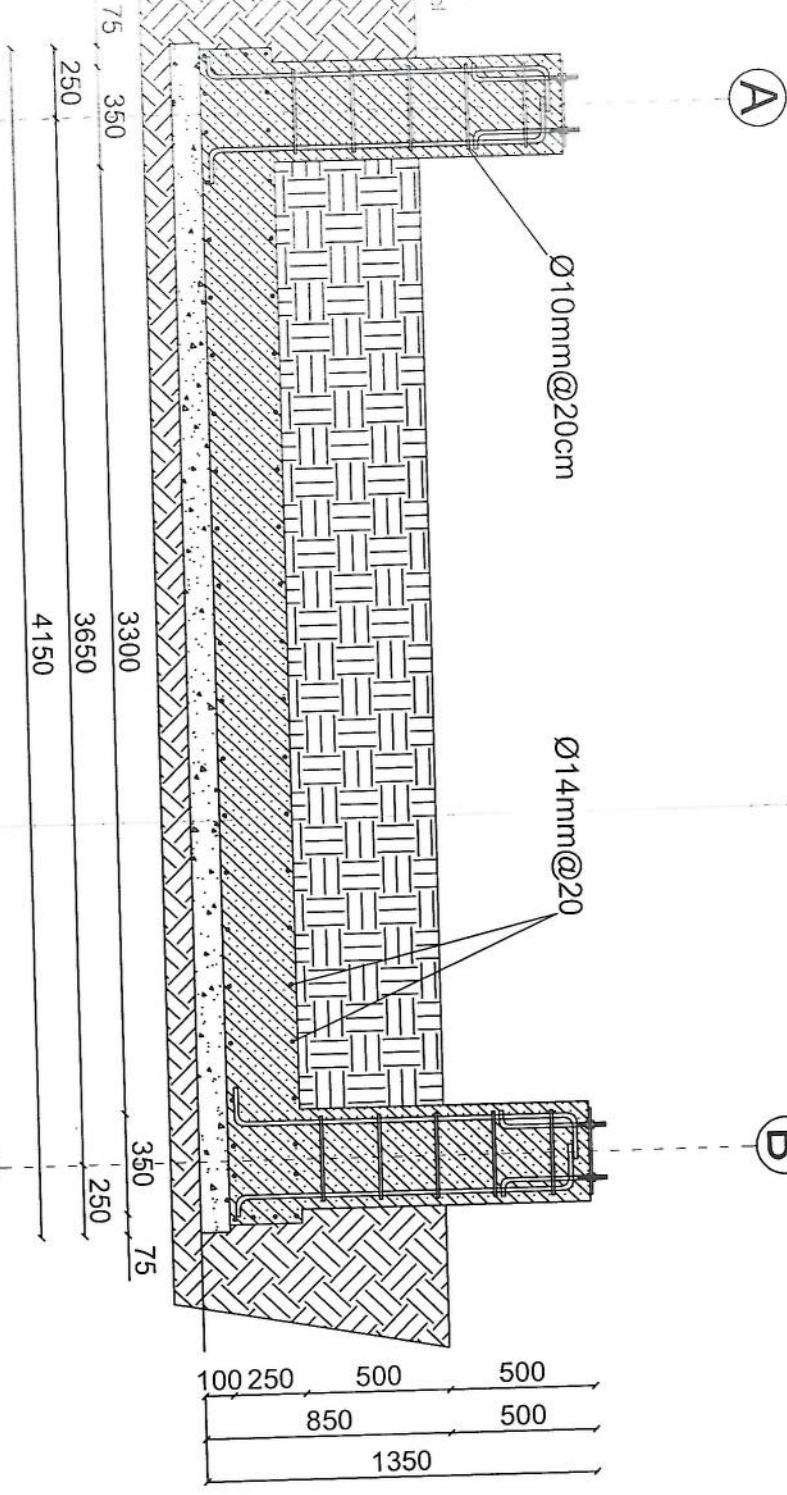
www.pearson.com

Satyam Telecommunication Company

AFGHANISTAN



Column Detail



REVISION RECORDS			
REVISION NO.	DATE	DESCRIPTION	BY
1	20/10/2025	Issue	KS

LEGEND:

PROJECT TITLE / NO:

GSM SITES

سایت های GSM

DRAWING TITLE:

SOLAR FOUNDATION SECTION

فصل بنیاد خورشیدی

DRAWN BY:

CIVIL TEAM

CHECKED BY:

APPROVED BY:

SCALE: 1:250

ACTUAL DATE: 20/10/2025

ISSUE DATE:

DRG NO: 02

OWNER: AFGHAN TELECOM

طرح کننده: افغان تله کام

Salam Telecommunication Company

KARUL

AFGHANISTAN

SCALE: 1:250

SECTION

KS