

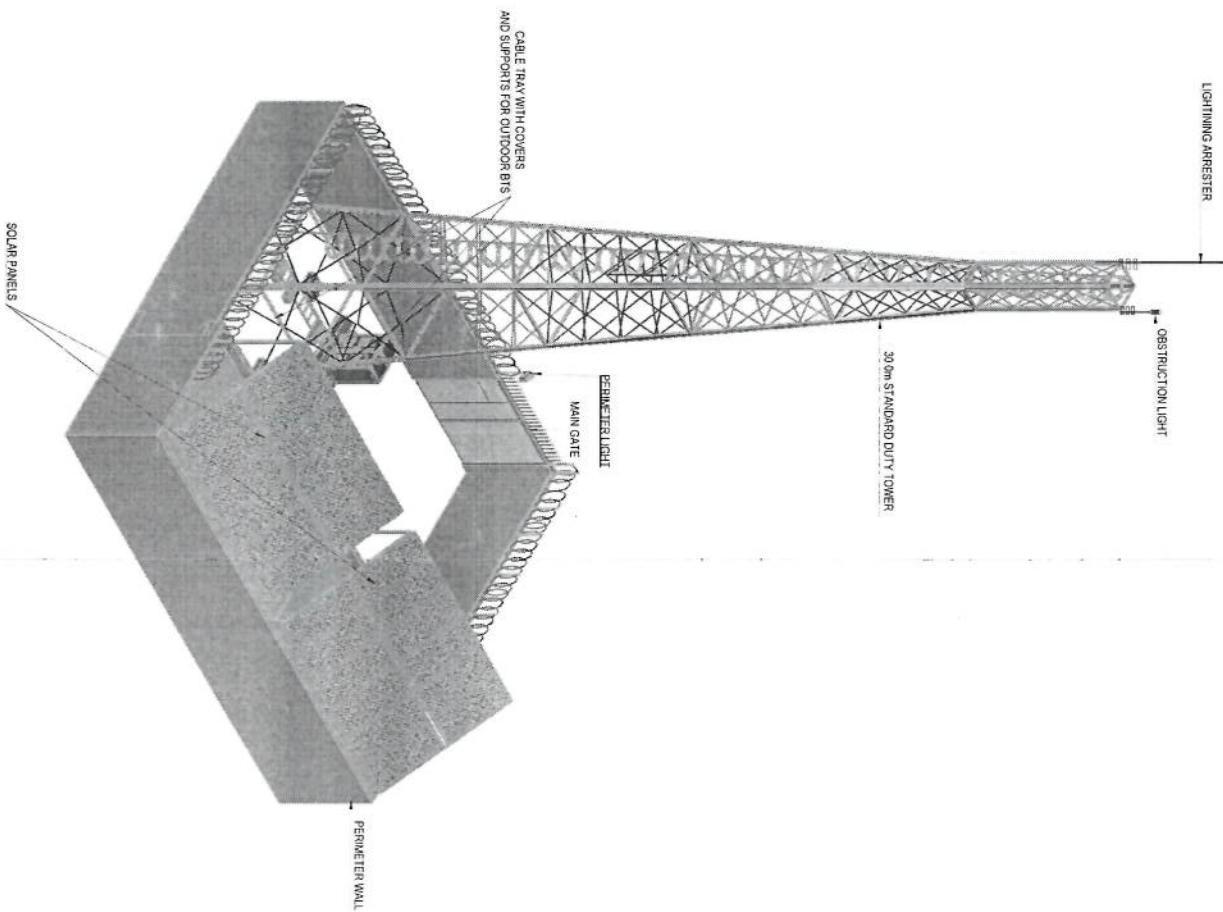
TDC Single Source

[Handwritten signatures]

New Lat		33.39236°		New Long		68.99271°	
site location Name							
Sorkay		District		Zurmat		Paktia Province	
TX connectivity data		Front Site ID		New Repeater needed?			
Type of Property		Private?		Gov?		NA?	
Primary agreement with owner done:							
Property owner contact		777702747					
Contract Agreement Negotiated?		Yes:		No:		Ongoing: V	
Site type		RT:		GF: V			
Land type		Desert level		Hill		Mountainouse	
						City	
						Rural	
						Rocky	
Access Road available		Yes: V		No:			
Access road needed		Length "m":		Width "m":		معلومات دیورت نوعیت سرتی سخره یا جای بوند آن را در قسمت نظریات درج کنید	
Needed tower type		GF: V		GM		RT	
Needed tower height		H = 30m					
Boundary wall needed							
Boundary wall length							
Guardroom needed							
Toilet/Washroom							
Wall Fence needed							
Comments about access road							
به اعمال سرتی ضرورت ندارد							
Location photo record		General view		Panaromic (45°) 8 photos		Access road Direction	
Surveyer details(name contact...etc)		Name		Engineer Rahimullah (Abid)			
		Contact		744418130			
		Email		rahimullah.abid@afghantelecom.af			
General Comments:							

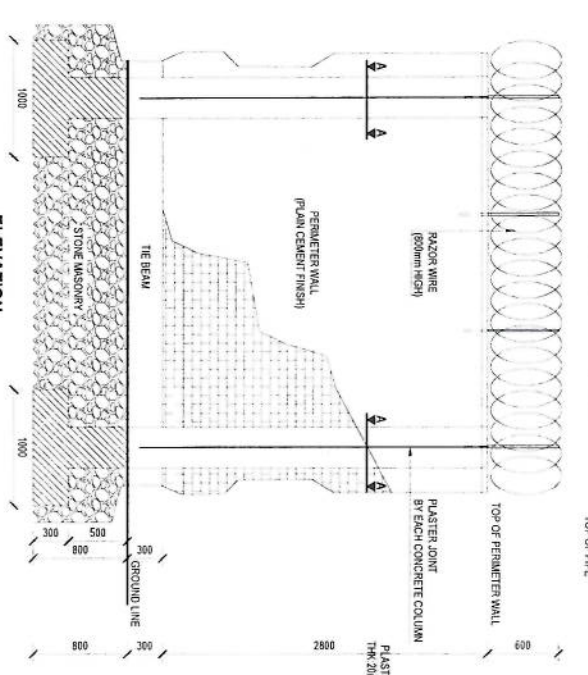
STANDARD DRAWING DETAILED DESIGN DRAWING

MAKING

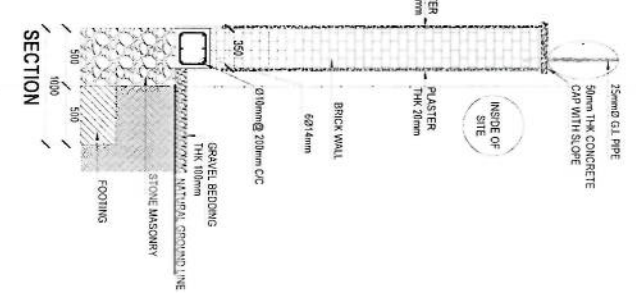


PERSPECTIVE
SCALE
M/S

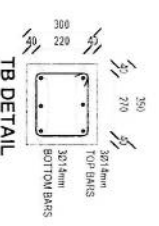
Handwritten signature
TOWER HEIGHT 30' 0m SD TOWER



PERIMETER WALL DETAIL
SCALE 1:60M

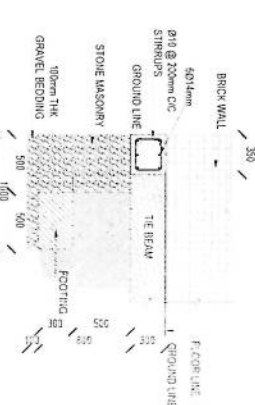


SECTION

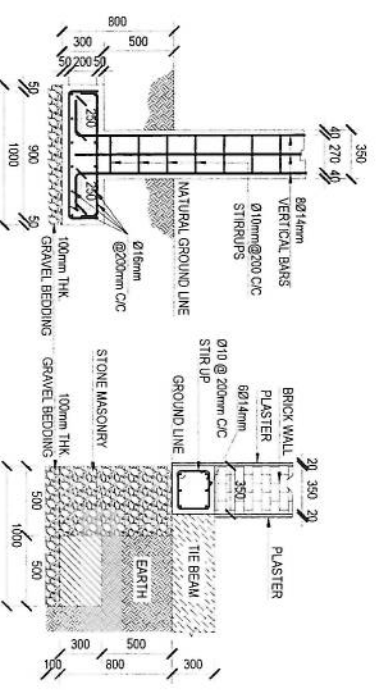


TB DETAIL
SCALE 1:30M

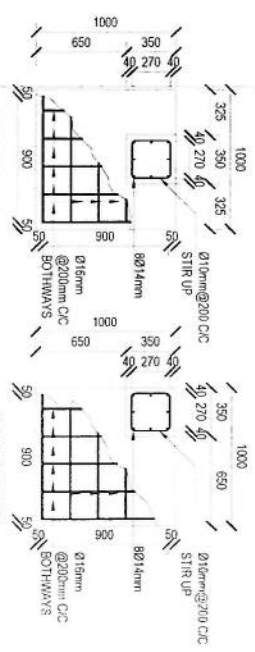
SECTION A-A
SCALE 1:30M



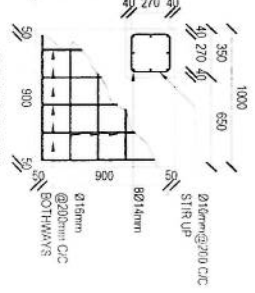
TB DETAIL CF1/CF3
SCALE 1:60M



TYPICAL ELEVATION
SCALE 1:60M



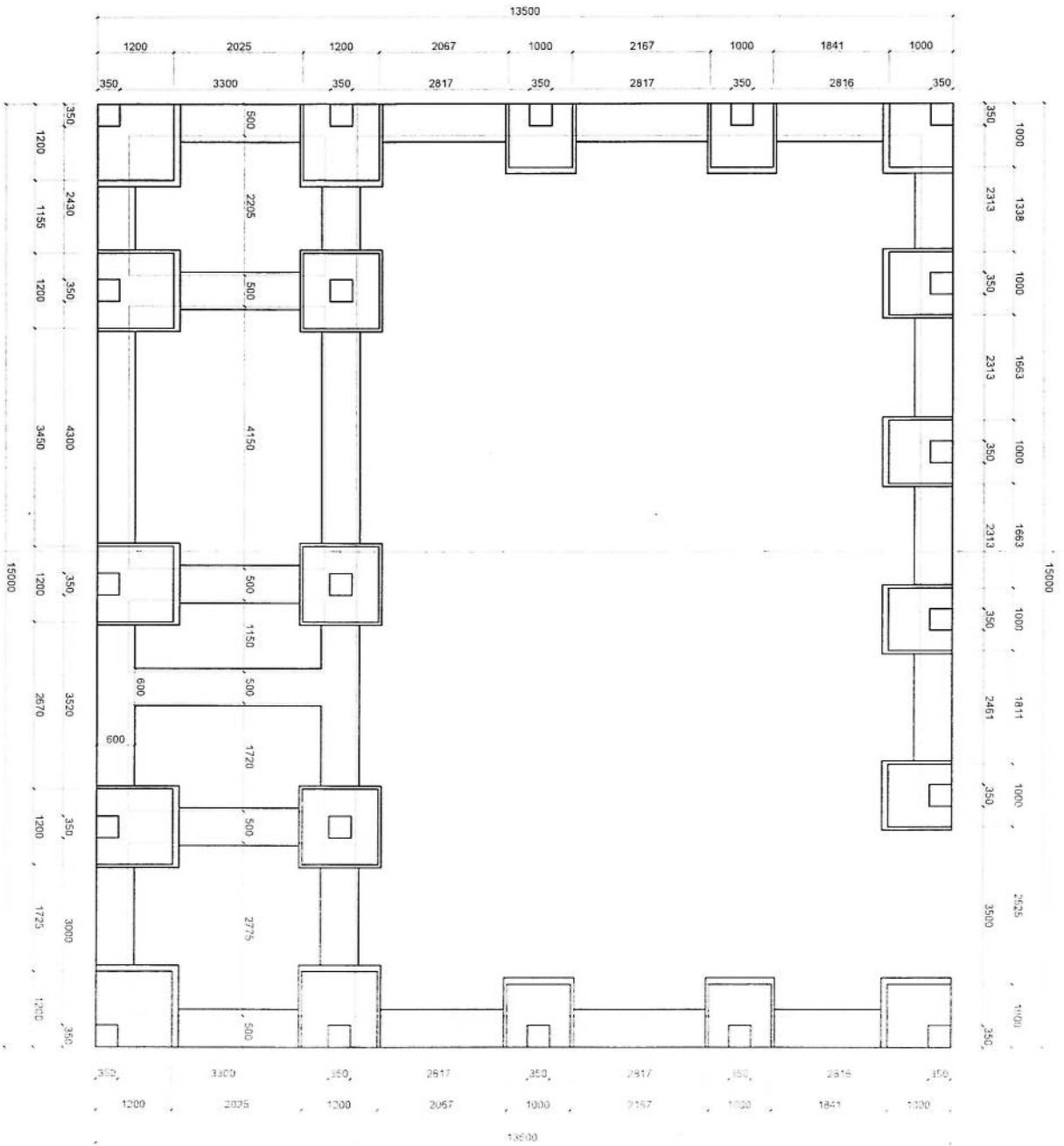
CF1 PLAN
SCALE 1:60M



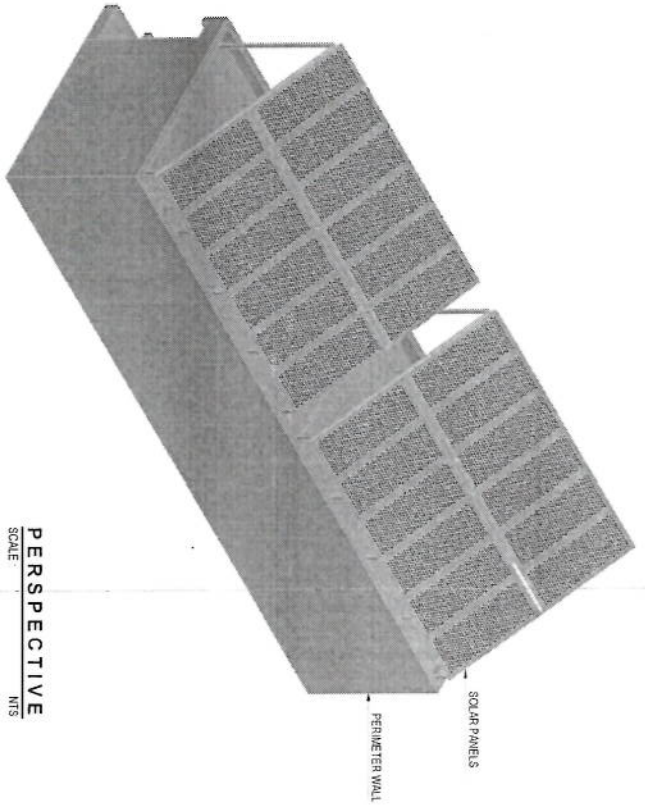
CF2 PLAN
SCALE 1:60M

Handwritten signature and date: 11/11/20

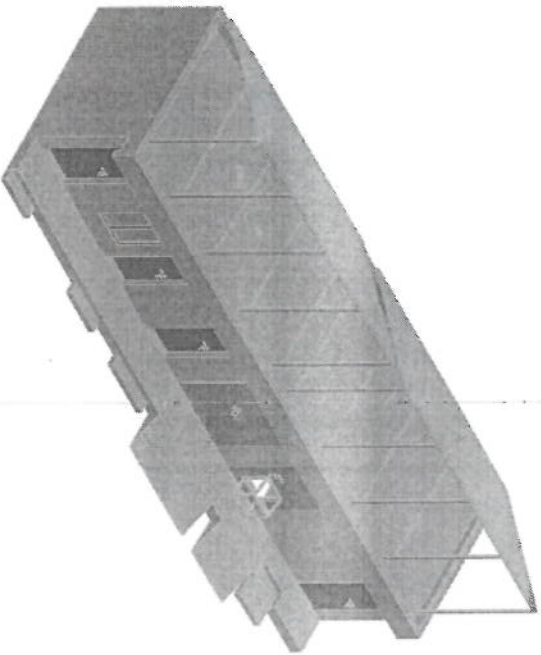
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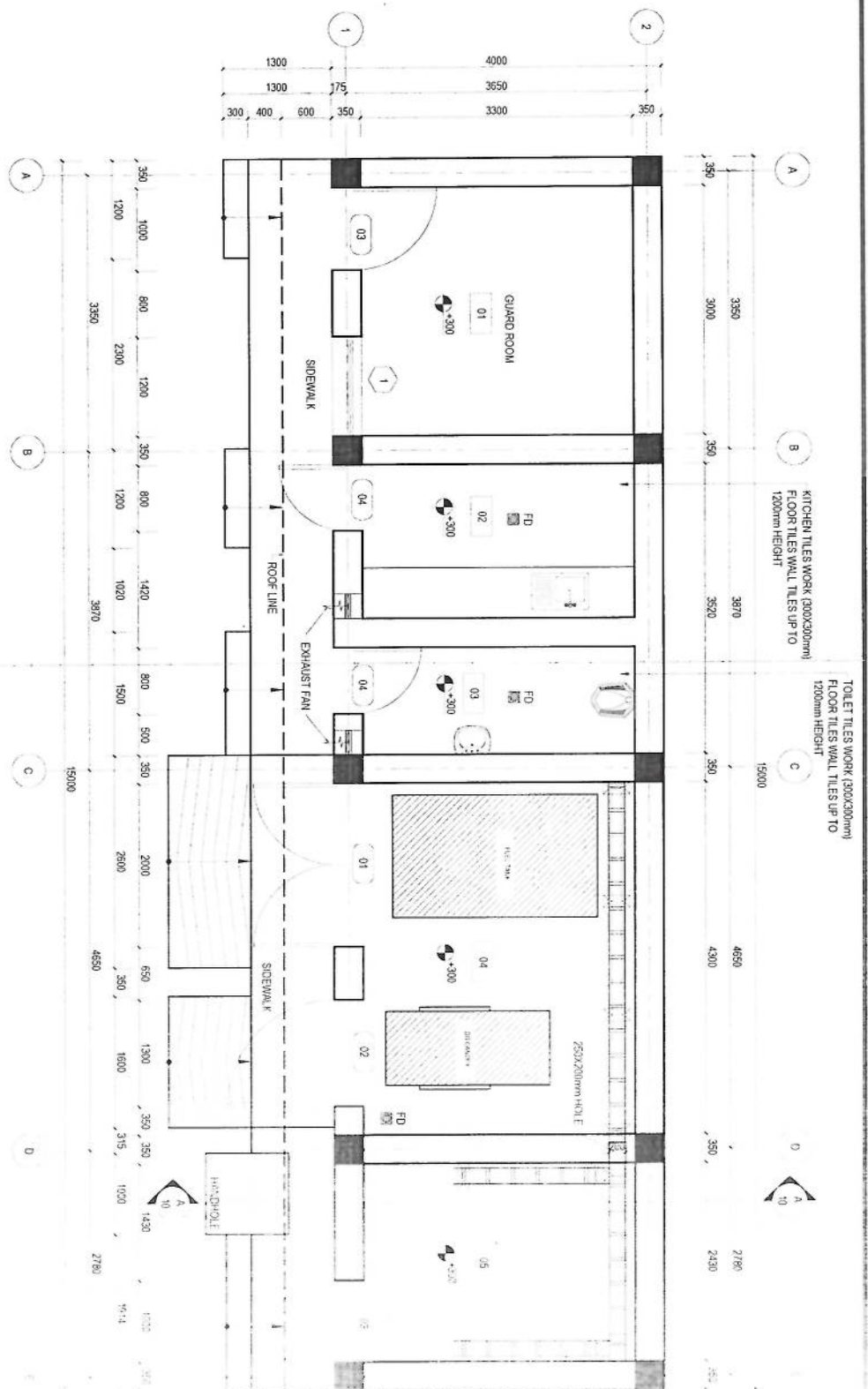
FOUNDATION PLAN
SCALE: 1:125



PERSPECTIVE
SCALE
NTS



Handwritten signature



NOTE
1. ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED.

FLOOR PLAN
SCALE 1:80

HATCH LEGEND

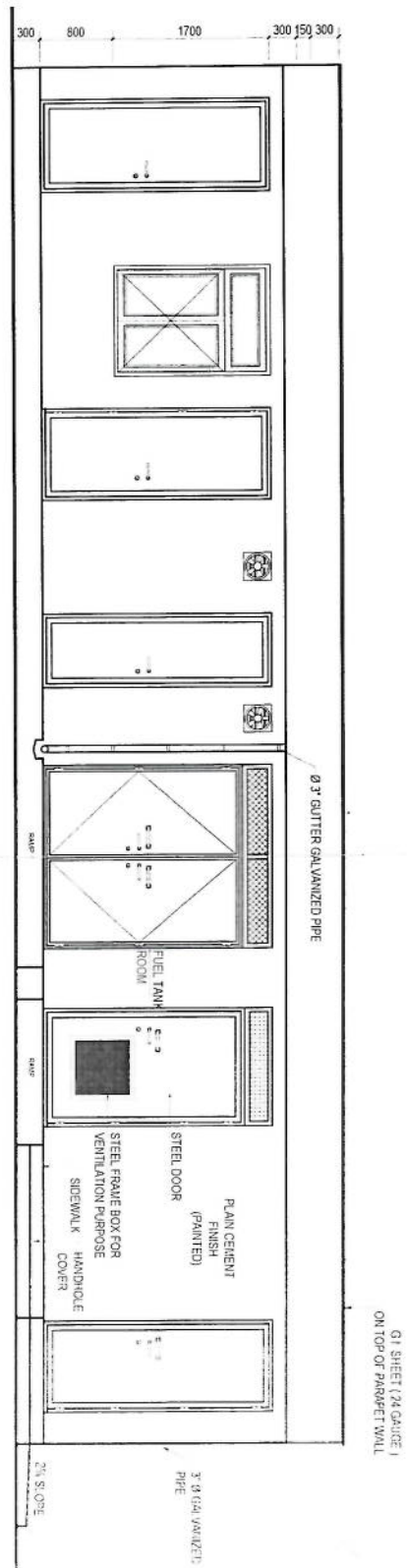
- PLAIN CONCRETE CEMENT
- BRICK WORK
- OVERHEAD STRUCTURE
- REINFORCEMENT COLUMN

ROOM LEGEND

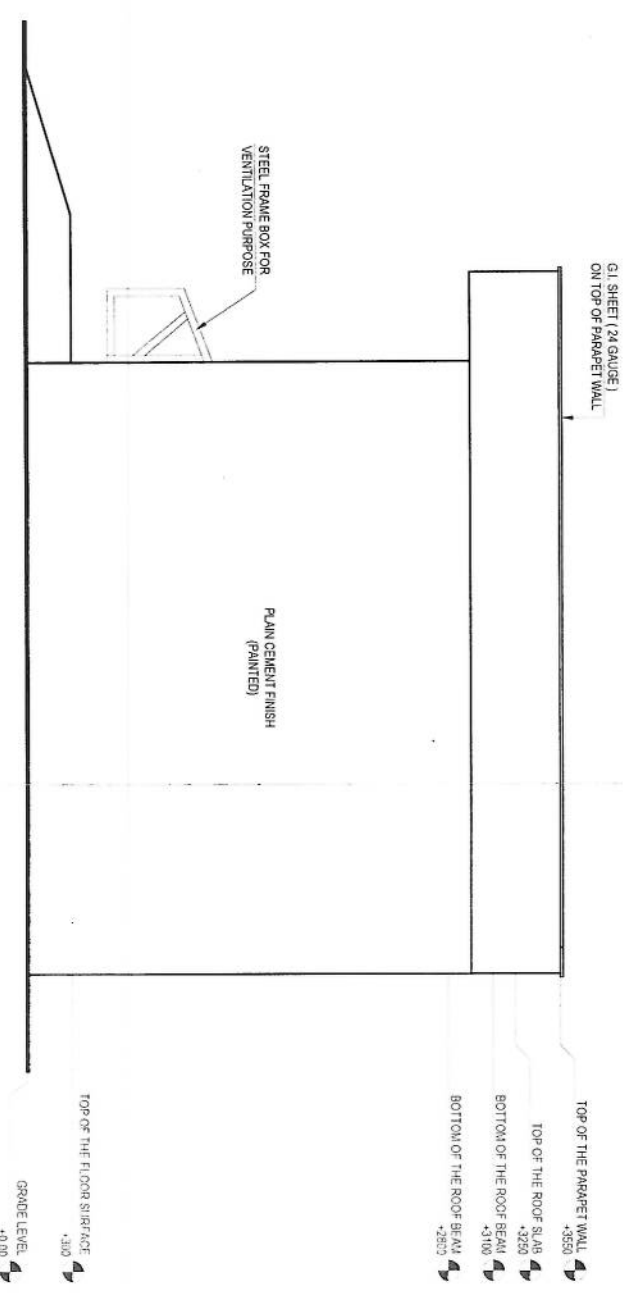
- 01 GUARD ROOM
- 02 KITCHEN
- 03 TOILET
- 04 FUEL TANK AND DG ROOM
- 05 BATTERIES ROOM

- DW DOWN
- FD FLOOR DRAIN
- ELEVATION

[Handwritten signature]

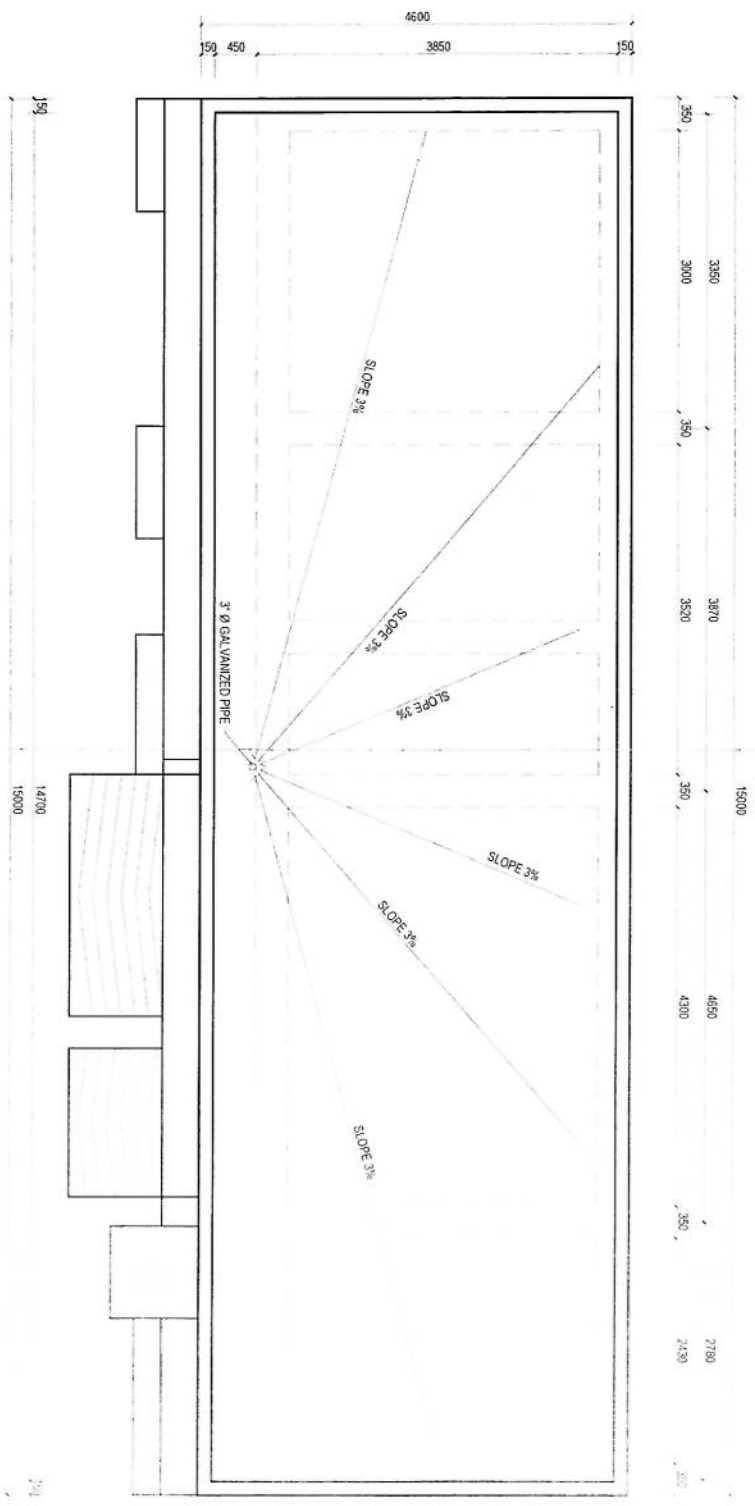


FRONT ELEVATION
SCALE 1/80



RIGHT ELEVATION
SCALE 1/50

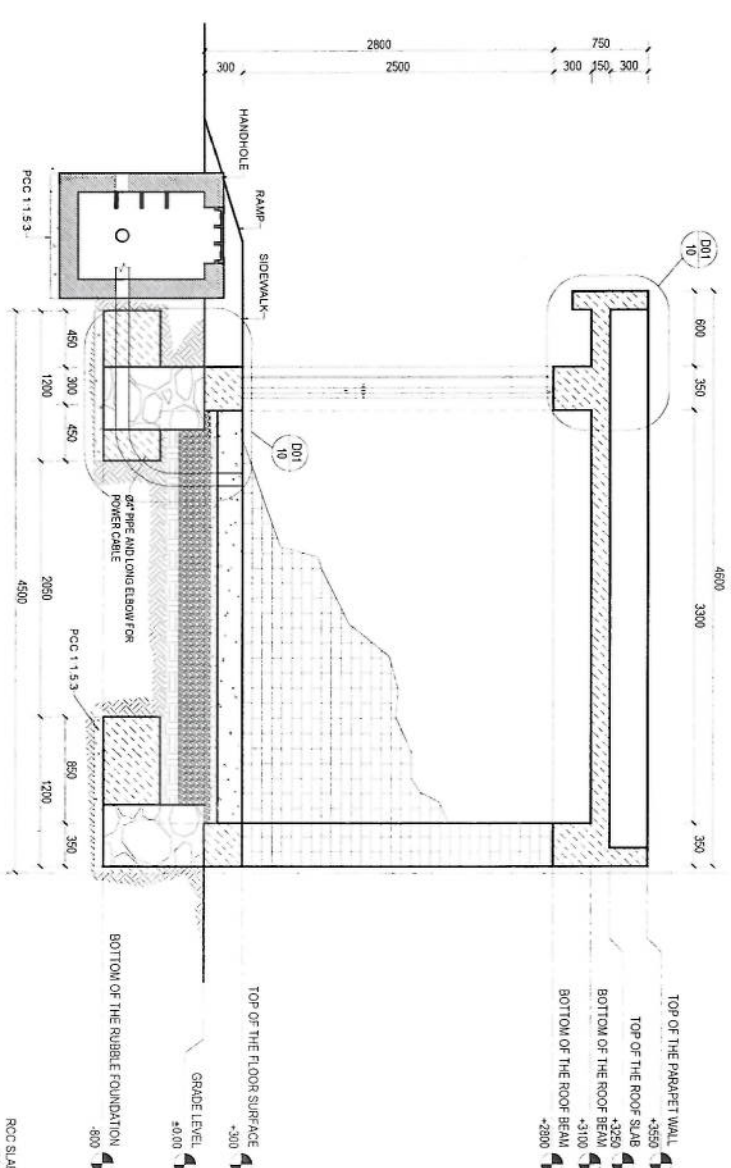
Handwritten signature/initials in blue ink.



ROOF PLAN
SCALE 1/80

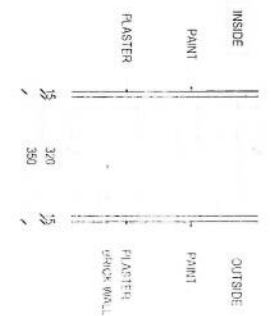
- NOTE
1. ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED.
 2. ROOF SLOPE 3%

[Handwritten signature]

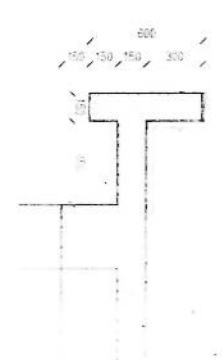


SECTION H-H
SCALE: 1/10

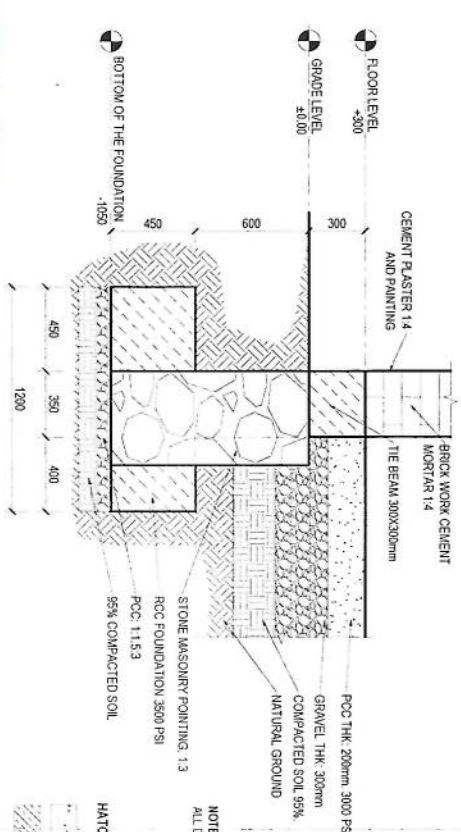
WALL DETAIL
SCALE: 1/20



ROOF DETAIL DC
SCALE: 1/20



ROOF DETAIL DC
SCALE: 1/20



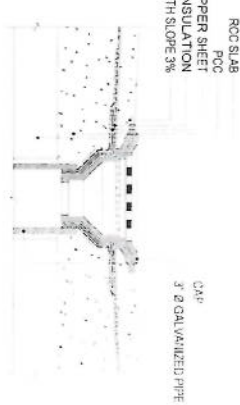
DETAIL D01
SCALE: 1/40

NOTE
ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED

HATCH LEGEND

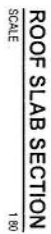
- PLAIN CONCRETE CEMENT
- REINFORCEMENT CONCRETE CEMENT
- OVERHEAD STRUCTURE
- BRICK SECTION
- BRICK PLAN
- ELEVATION
- REINFORCEMENT COLUMN
- DW
- DOWN

GUTTER PIPE DETAIL
SCALE: 1/5

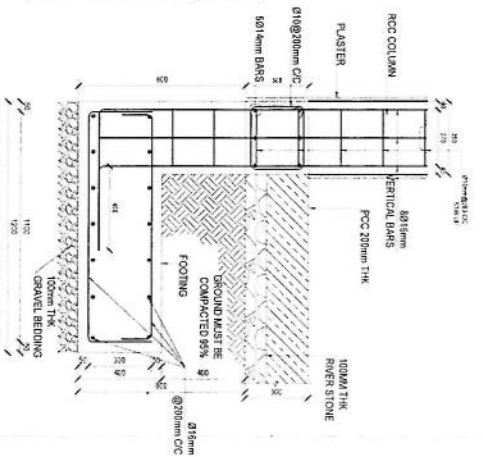




SCALE 1 80



[Signature]

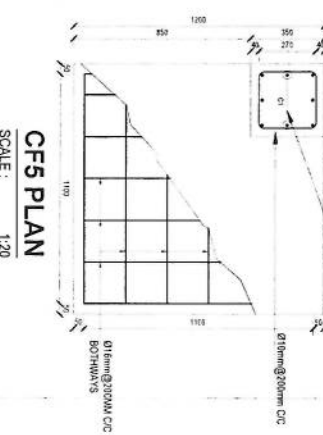


COLUMN FOOTING

SCALE: 1:20

1/200 1/80

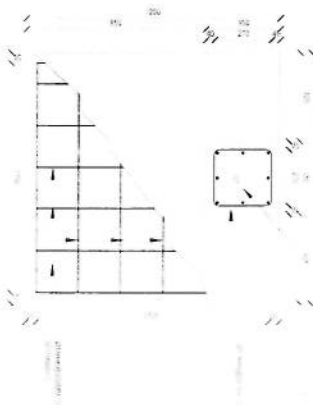
10' 24' 27' 45'



CF5 PLAN
SCALE : 1:20



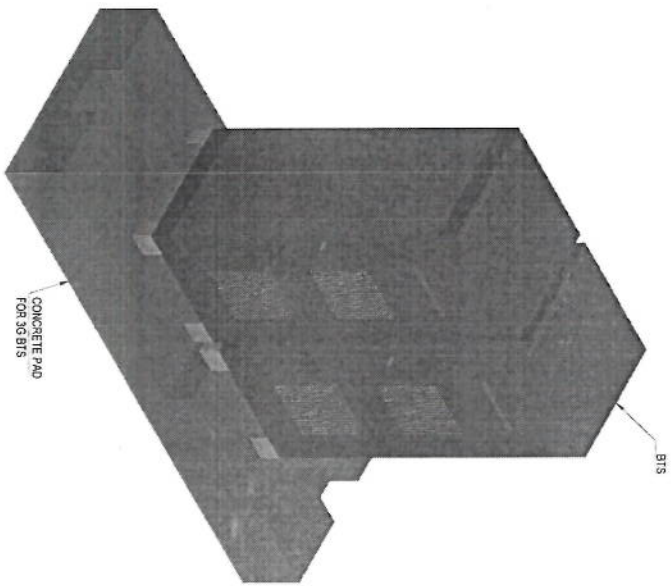
CF5 PLAN
SCALE: 1:20



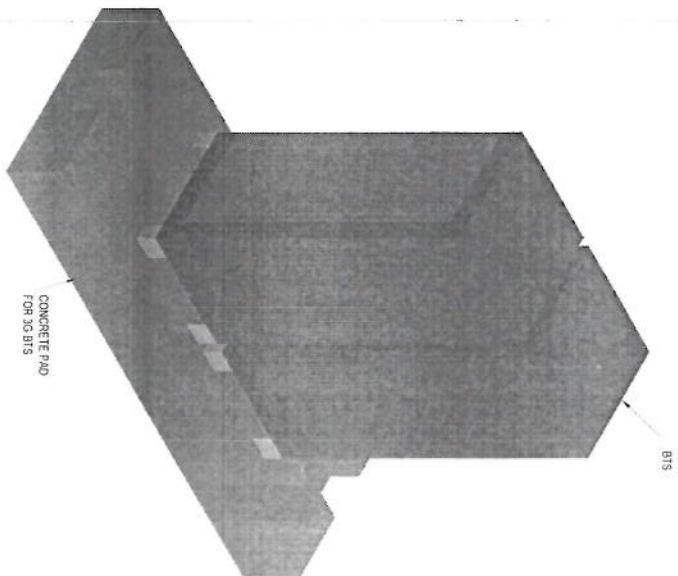
CF4 PLAN
SCALE 1:20



TIE BEAM DETAIL
SCALE 1/8" = 1'-0"

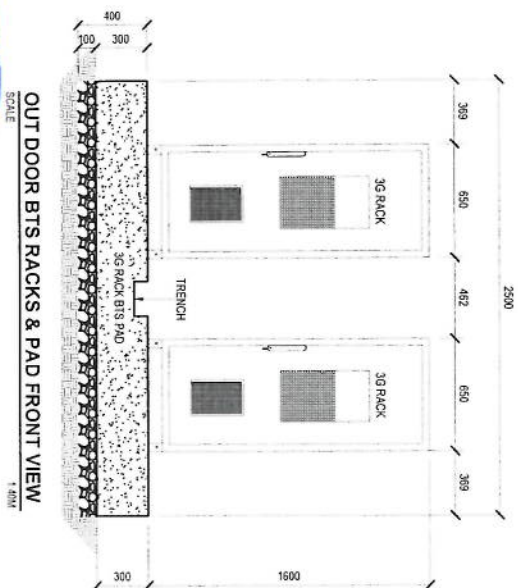
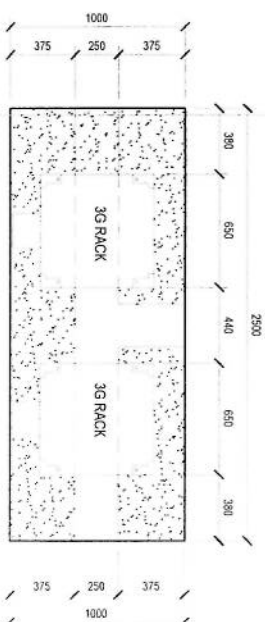
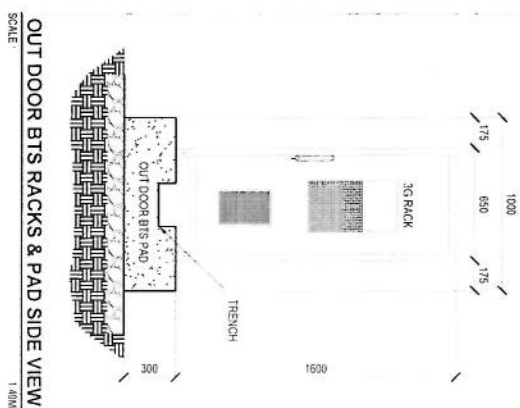
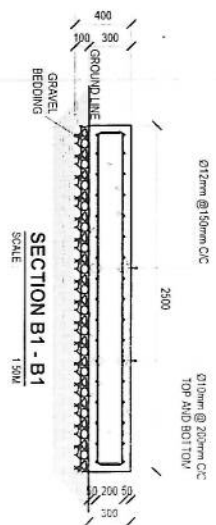
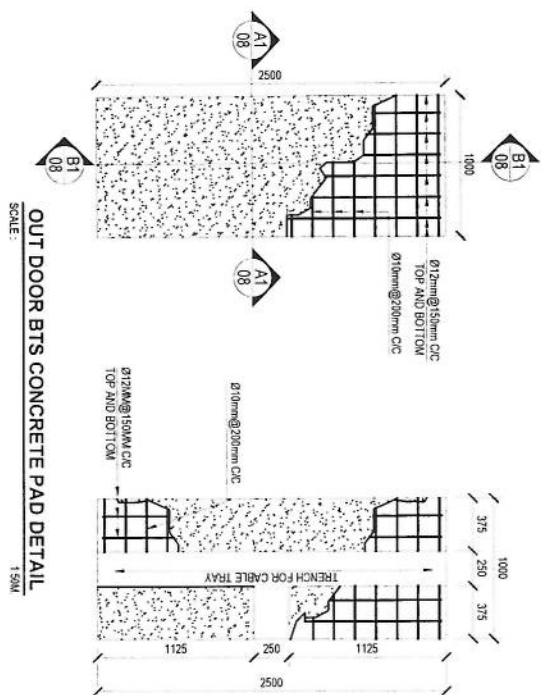


3D VIEW PLAN
SCALE: 1/8"=1'-0"



3D VIEW PLAN
SCALE: 1/8"=1'-0"

[Handwritten signature]



REVISION RECORDS	
REVISION NO	DATE
تغییرات	تاریخ
توضیحات	توضیحات

LEGEND:



PROJECT TITLE / NO:

GSM SITES

موقعیت های GSM

DRAWING TITLE:

SUN SHELTER FOR ZTE BTS
سایه بان برای BTS

DRAWN BY: CIVIL TEAM

CHECKED BY:

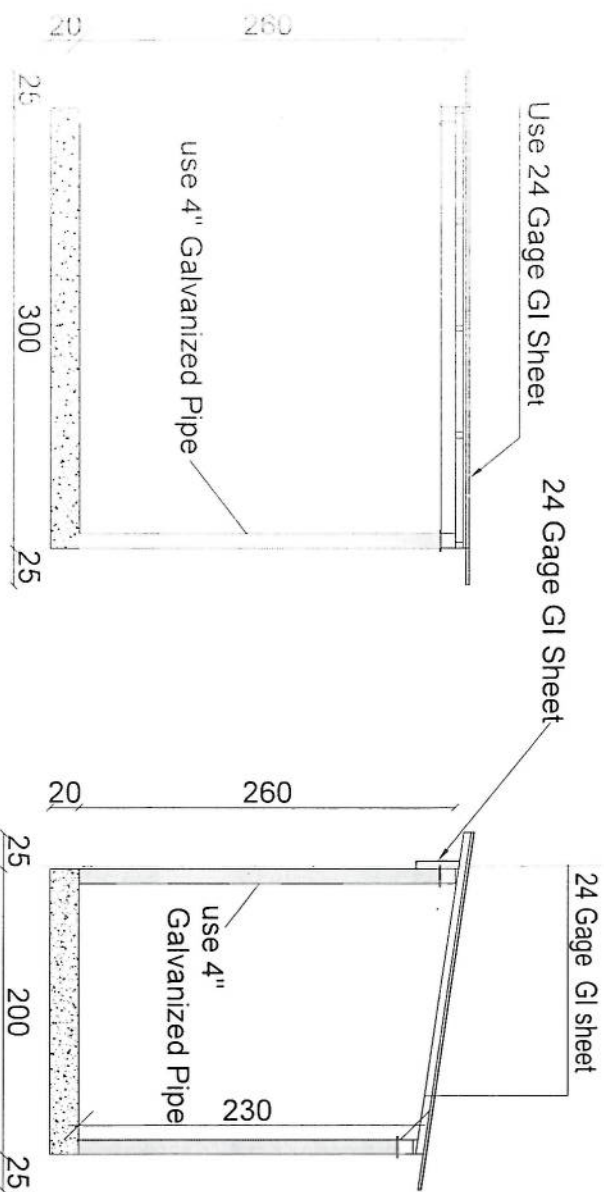
APPROVED BY:

SCALE: 1:50

ACTUAL DATE: 17/04/2025
ISSUE DATE: DRG NO: 17

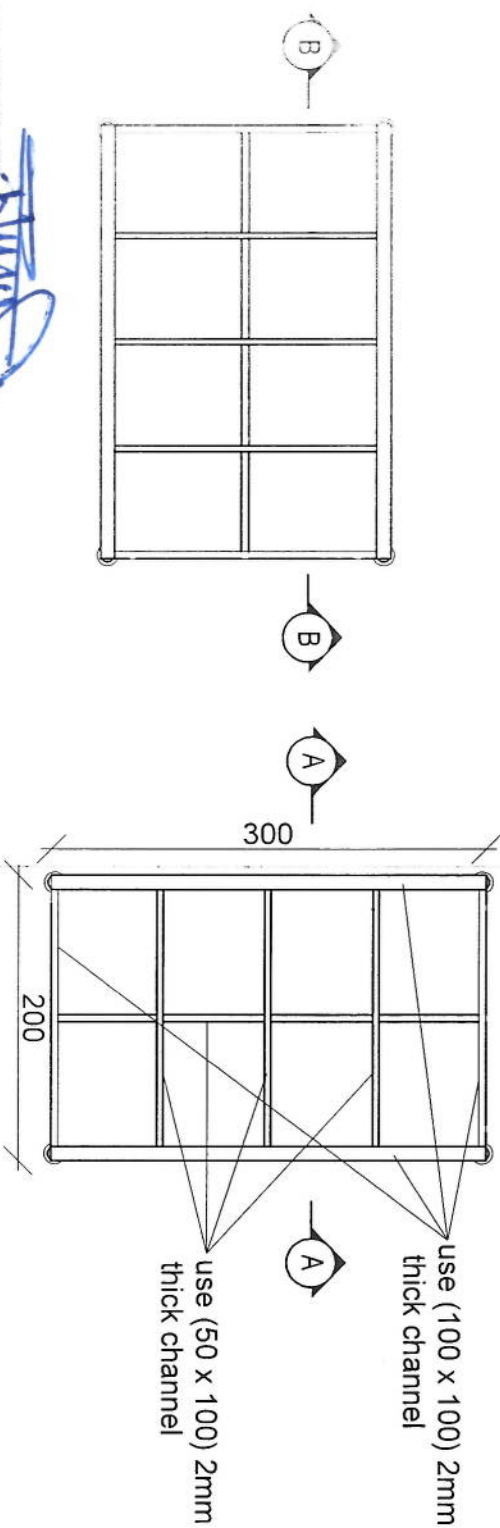
OWNER: AFGHAN TELECOM

مسئول پروژه: Sasan Telecommunication Company
KABUL
AFGHANISTAN



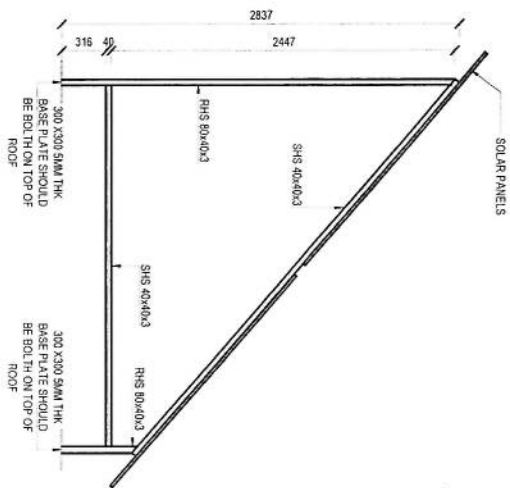
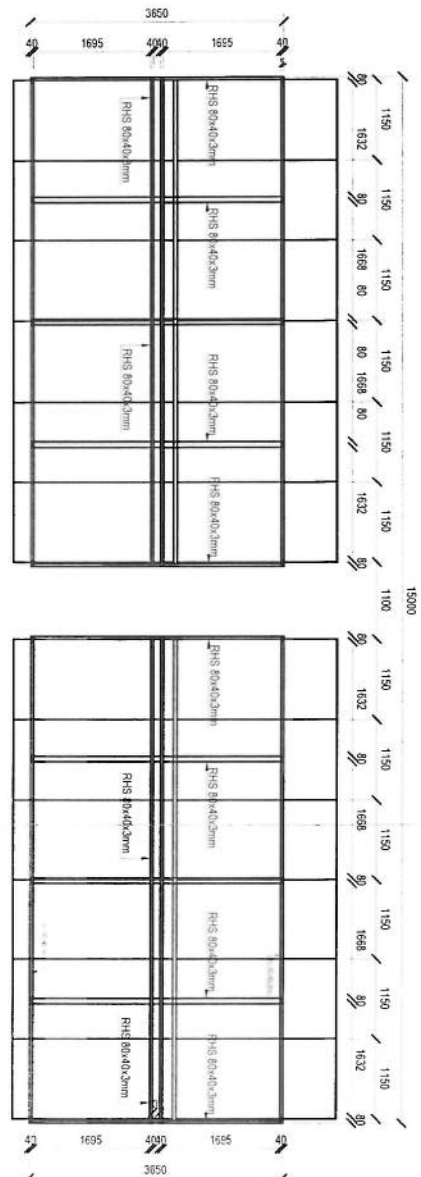
Section BB

Section AA

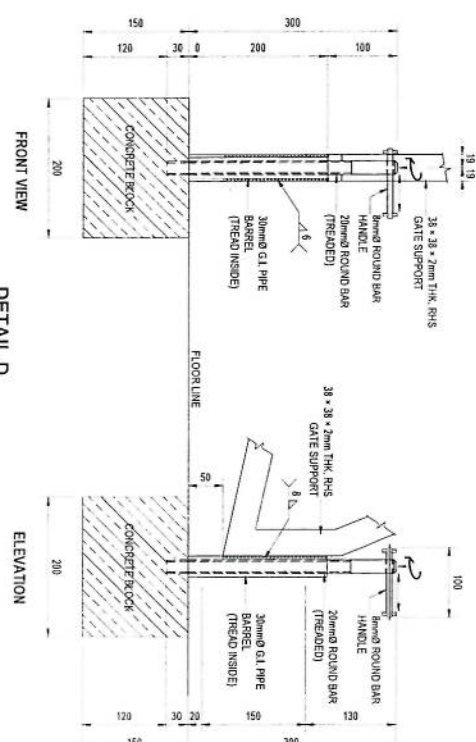
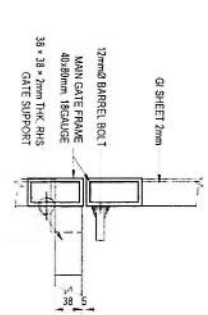
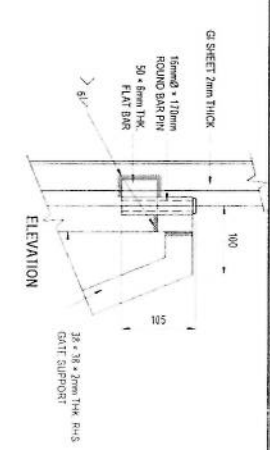
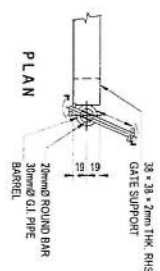


DESIGNED FOR ZTE BTS
SCALE: 1:50





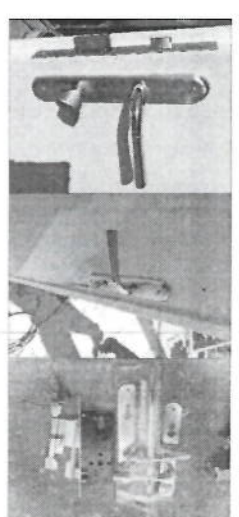
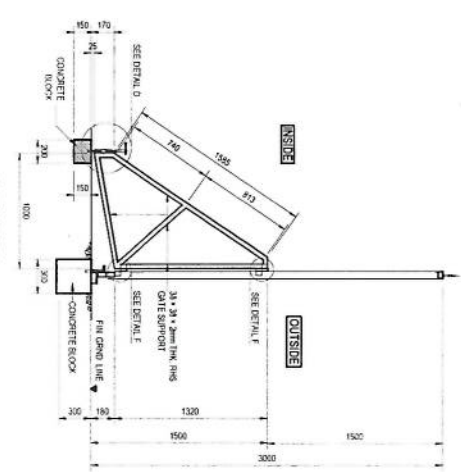
Handwritten signature



ELEVATION

DETAIL D

SCALE: 1:10W



SMALL DOOR HANDLE AND LOCK PHOTOS

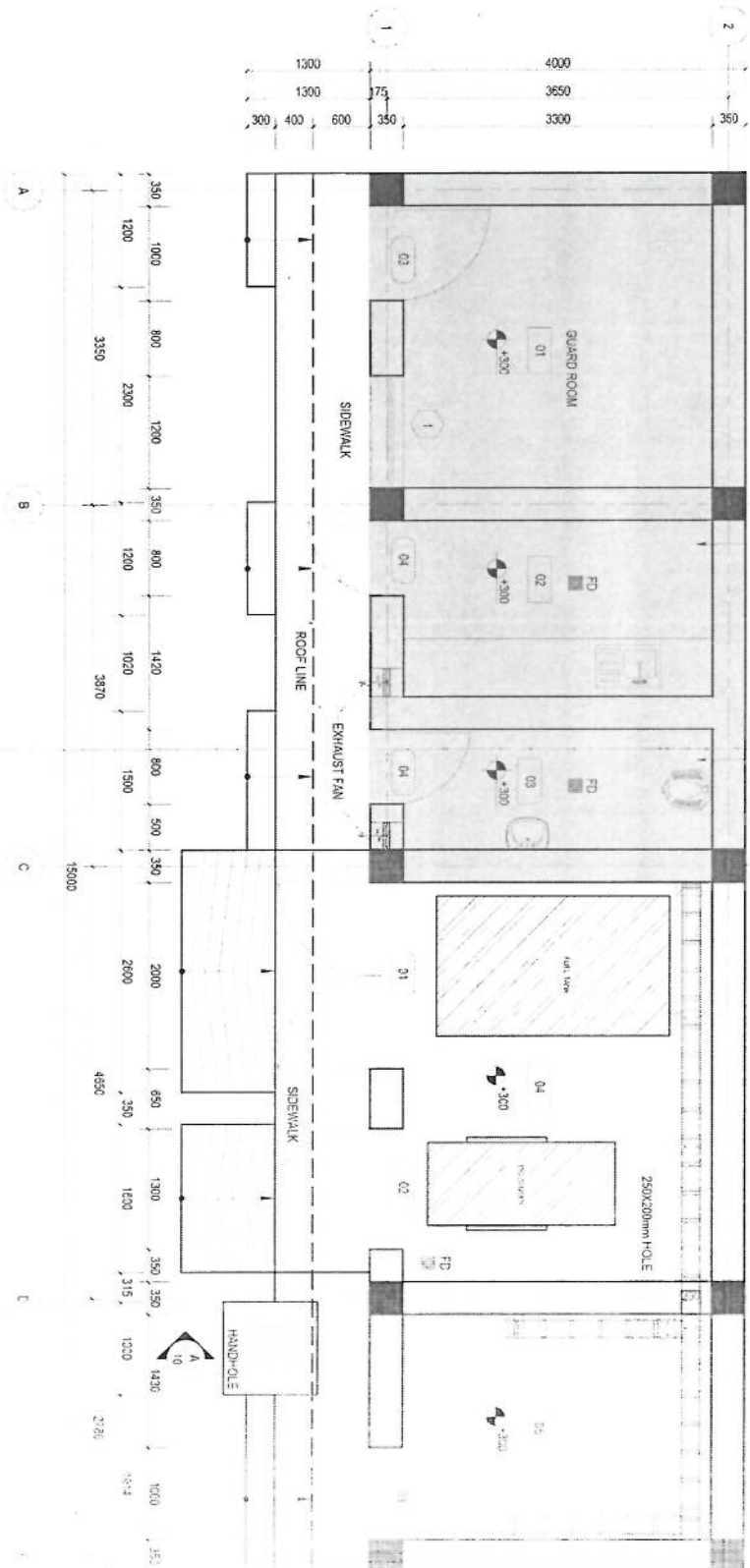
SCALE

N/A



روی این پایه ها نصب گردد

TOILET TILES WORK (300X300mm) FLOOR TILES WALL TILES UP TO 1200mm HEIGHT		KITCHEN TILES WORK (300X300mm) FLOOR TILES WALL TILES UP TO 1200mm HEIGHT	
A	350	B	3870
	3000		3520
	15000		4650
	350		4200
	2780		350
	2420		

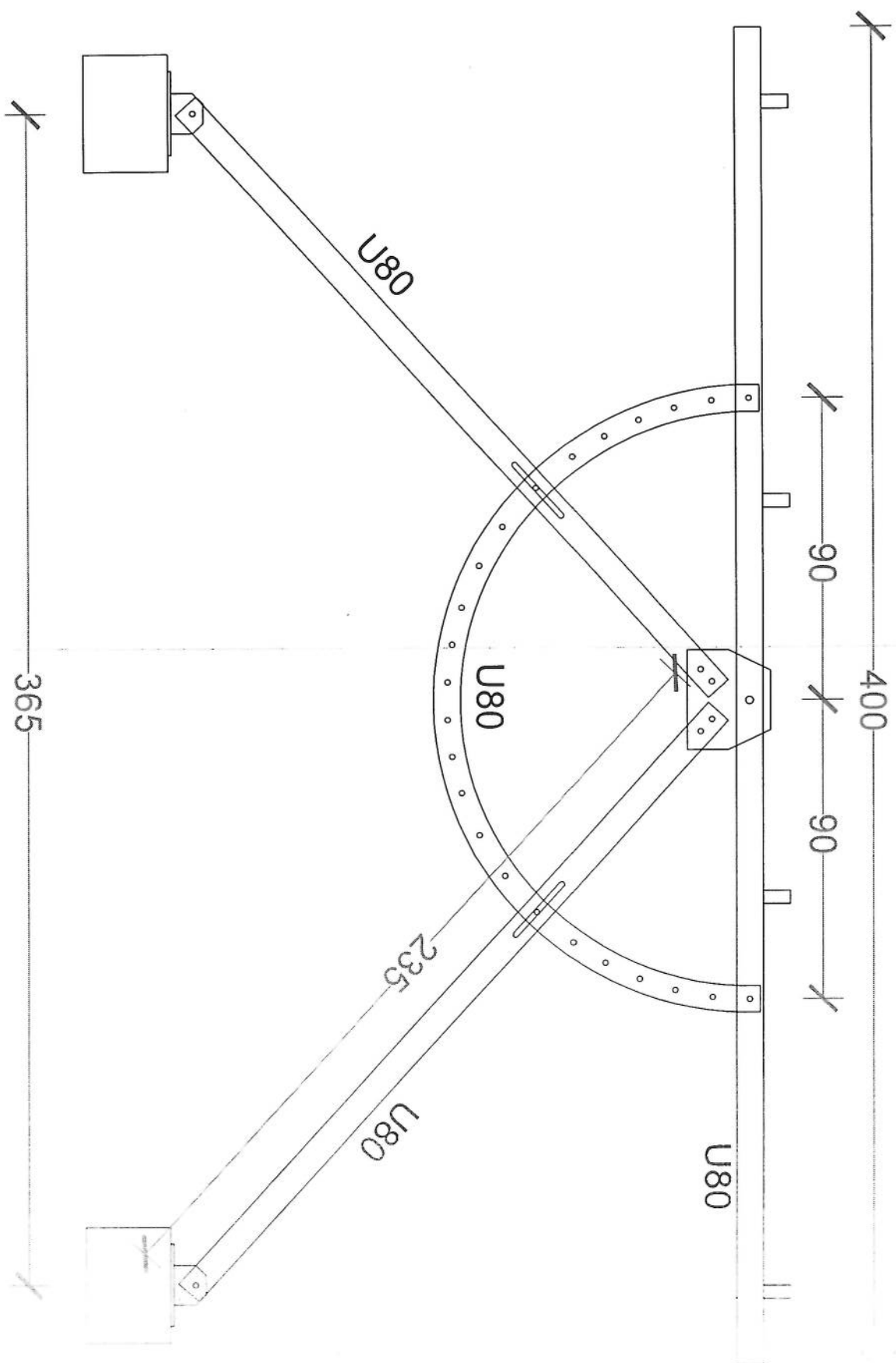


NOTE
1. ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED.

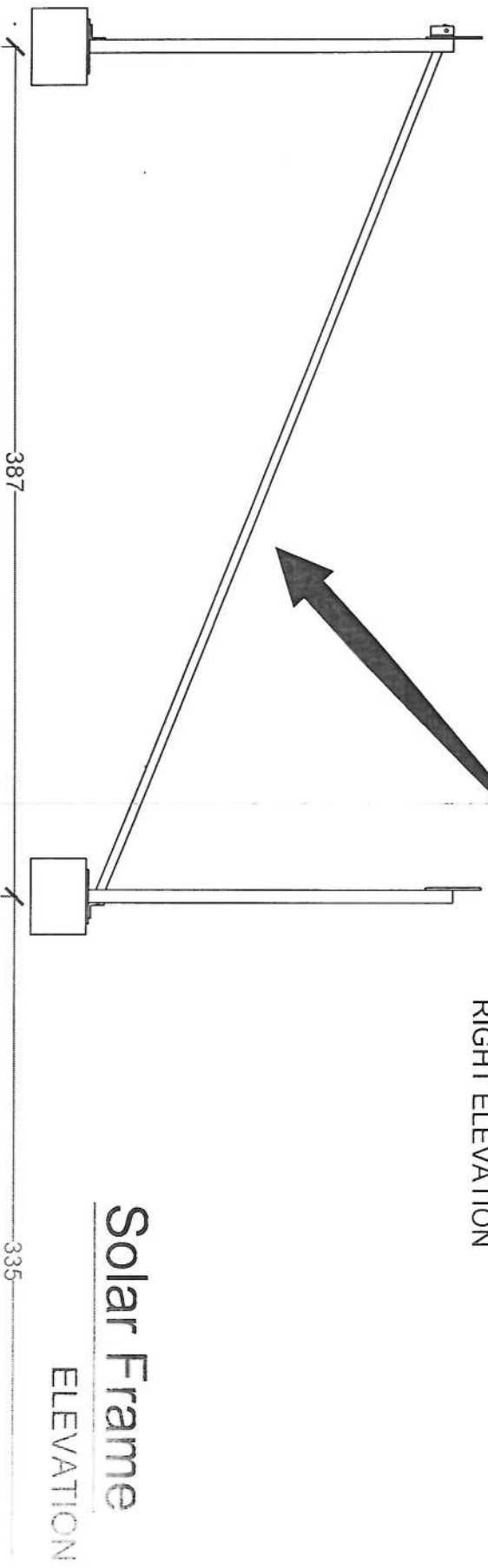
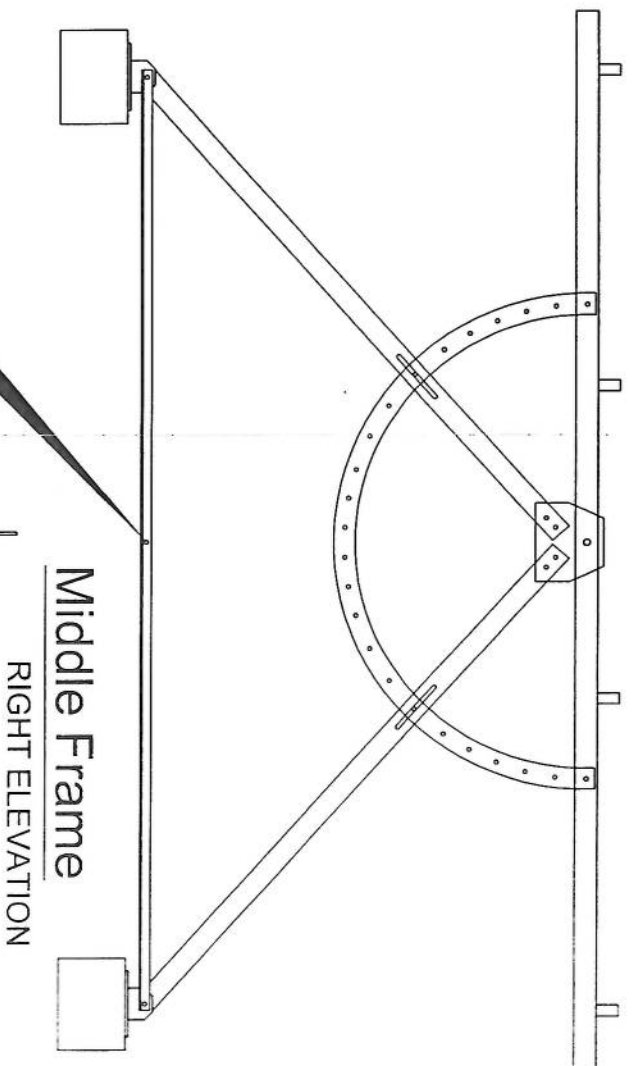
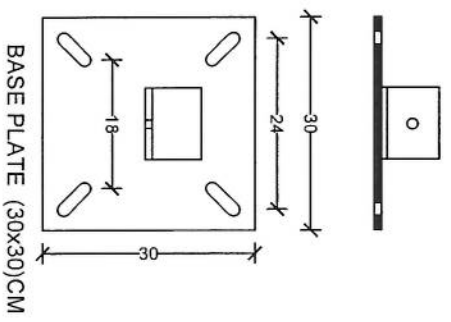
FLOOR PLAN
SCALE 1/80

- HATCH LEGEND**
- PLAIN CONCRETE CEMENT
 - BRICK WORK
 - OVERHEAD STRUCTURE
 - REINFORCEMENT COLUMN
- ROOM LEGEND**
- 01 GUARD ROOM
 - 02 KITCHEN
 - 03 TOILET
 - 04 FUEL TANK AND DG ROOM
 - 05 BATTERIES ROOM

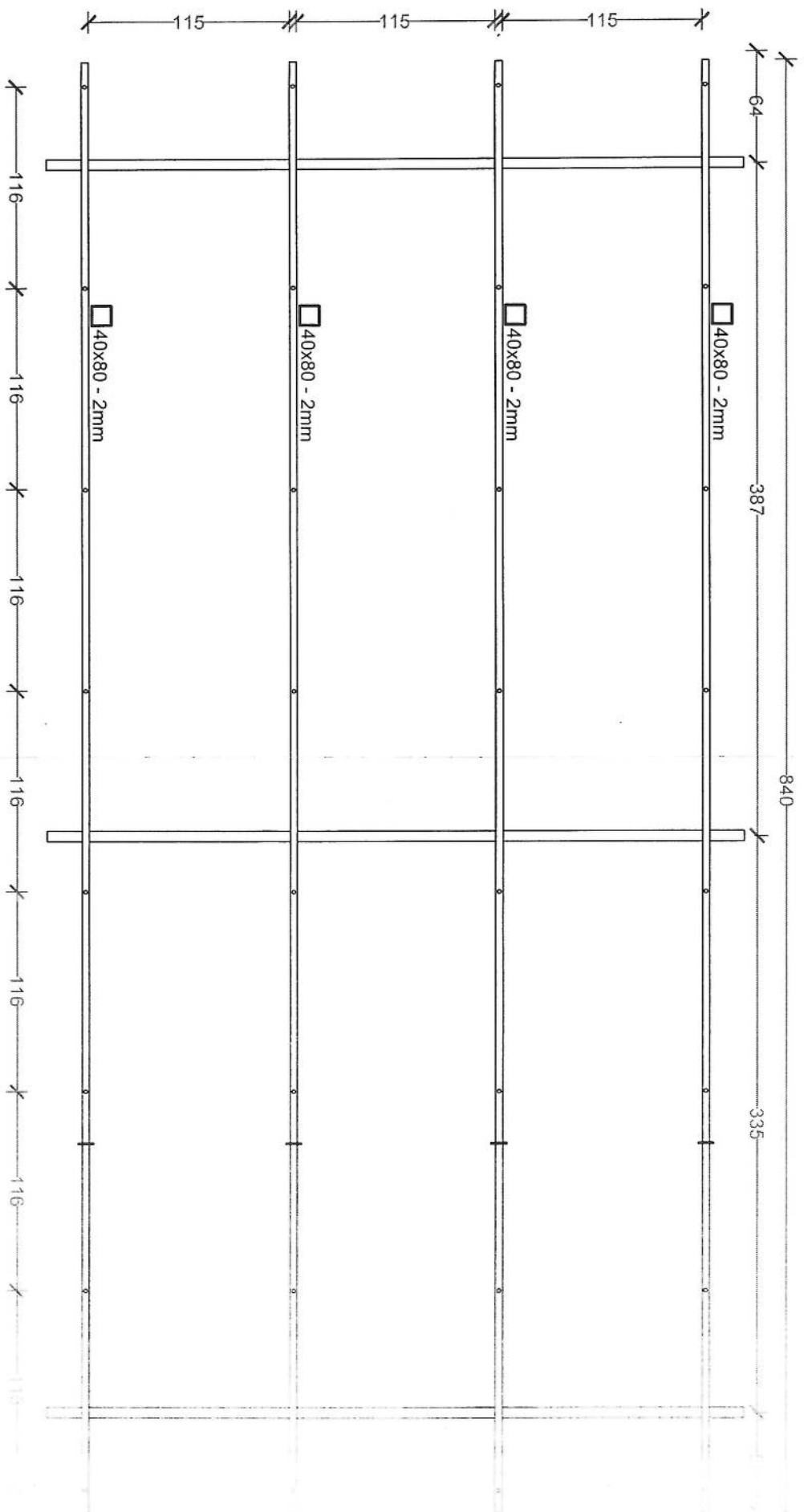
Handwritten signature and date: 13/10/13



Handwritten signature/initials in blue ink.



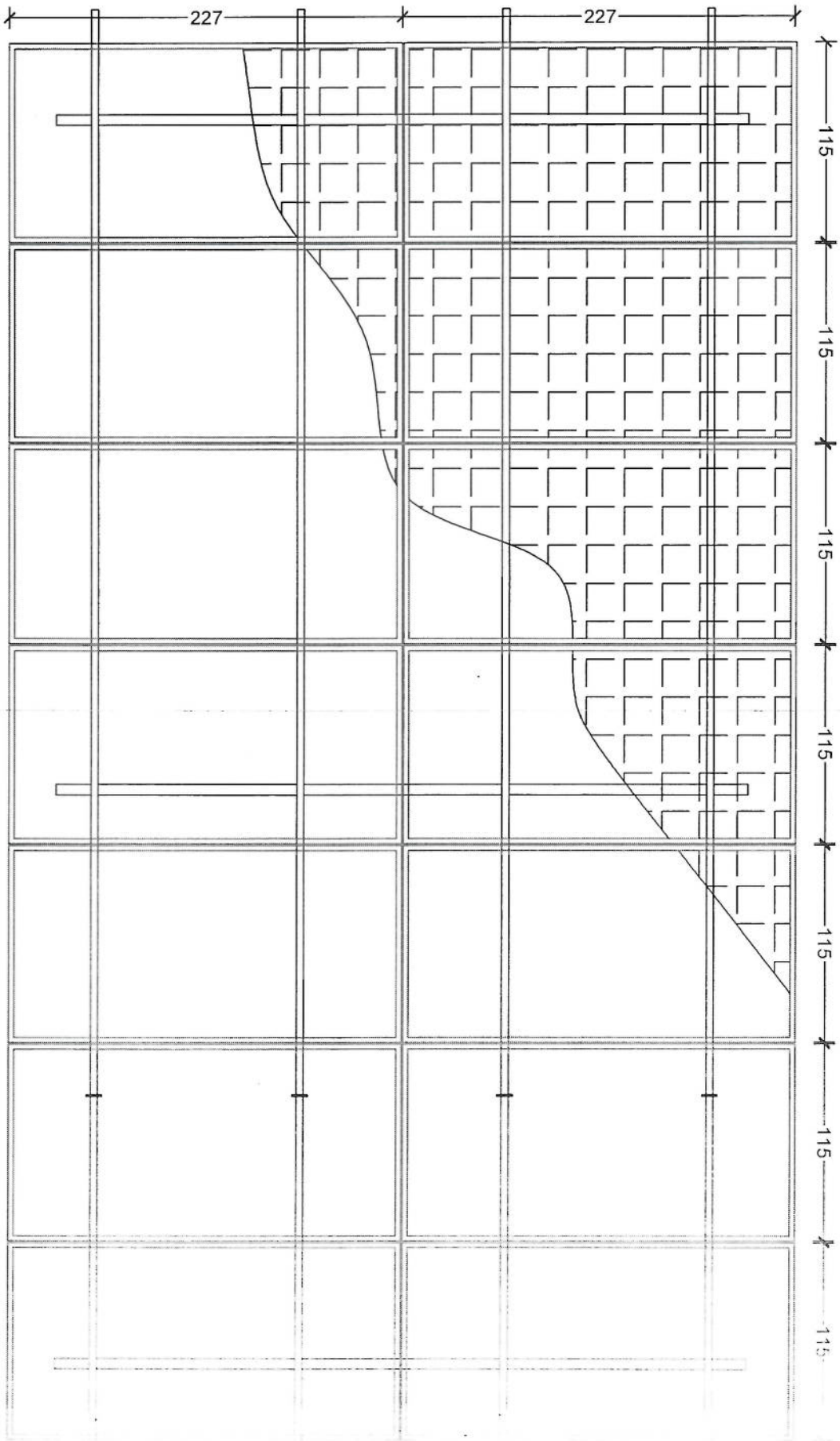
CHANG



[Handwritten signature]

14 Plate Solar

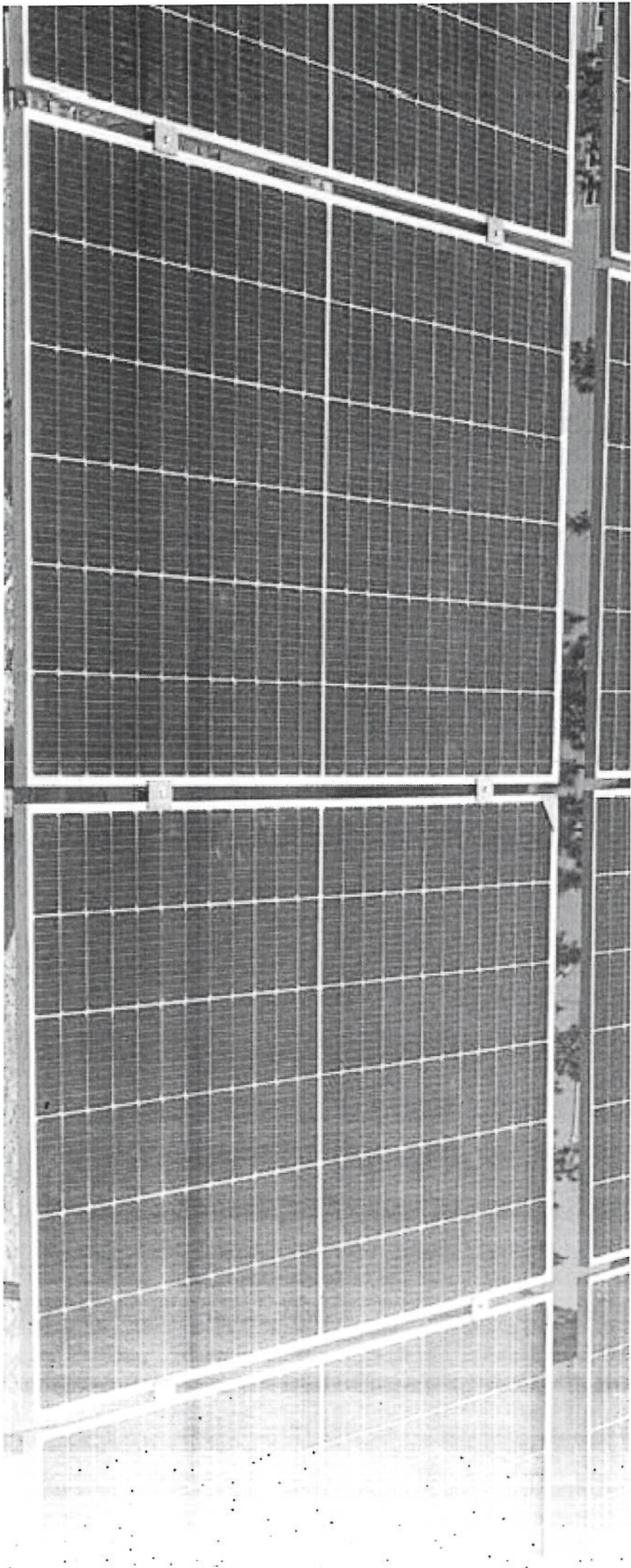
Dimensions (113x227)CM



14 Plate Solar

Dimensions (113x227)CM

Handwritten signature or initials in blue ink.



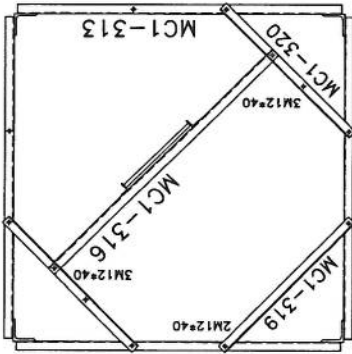
Project No.:		Rev. No. 00		Scale: 1/11		Sheet No. 1	
Tower Type: TOWER NB		Title: NB TOWER 30m					
Project:		AFGHAN TELECOM					
Client:		AFGHAN TELECOM					
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00		S. Ghodiri		A. Soheili	10/13/24		

Handwritten signature

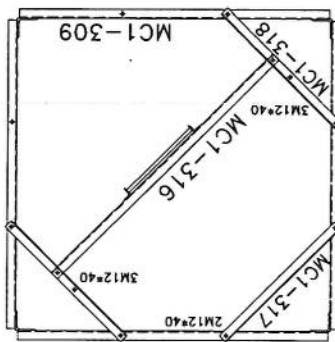
Specification	Qty
M12*40	168
M16*55	48

List of Bolts - PANEL 3

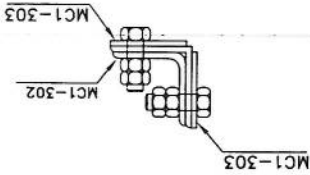
SEC. 10-10



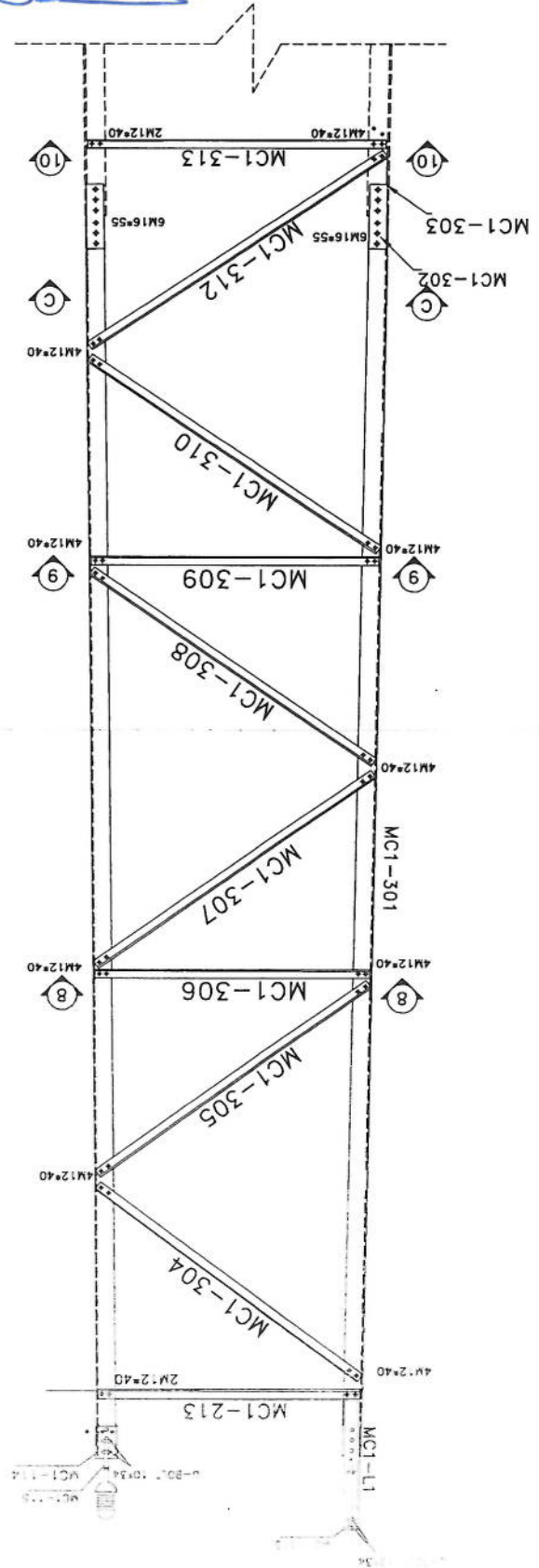
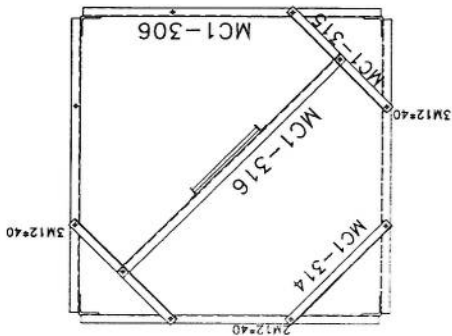
SEC. 9-9



SEC. C-C

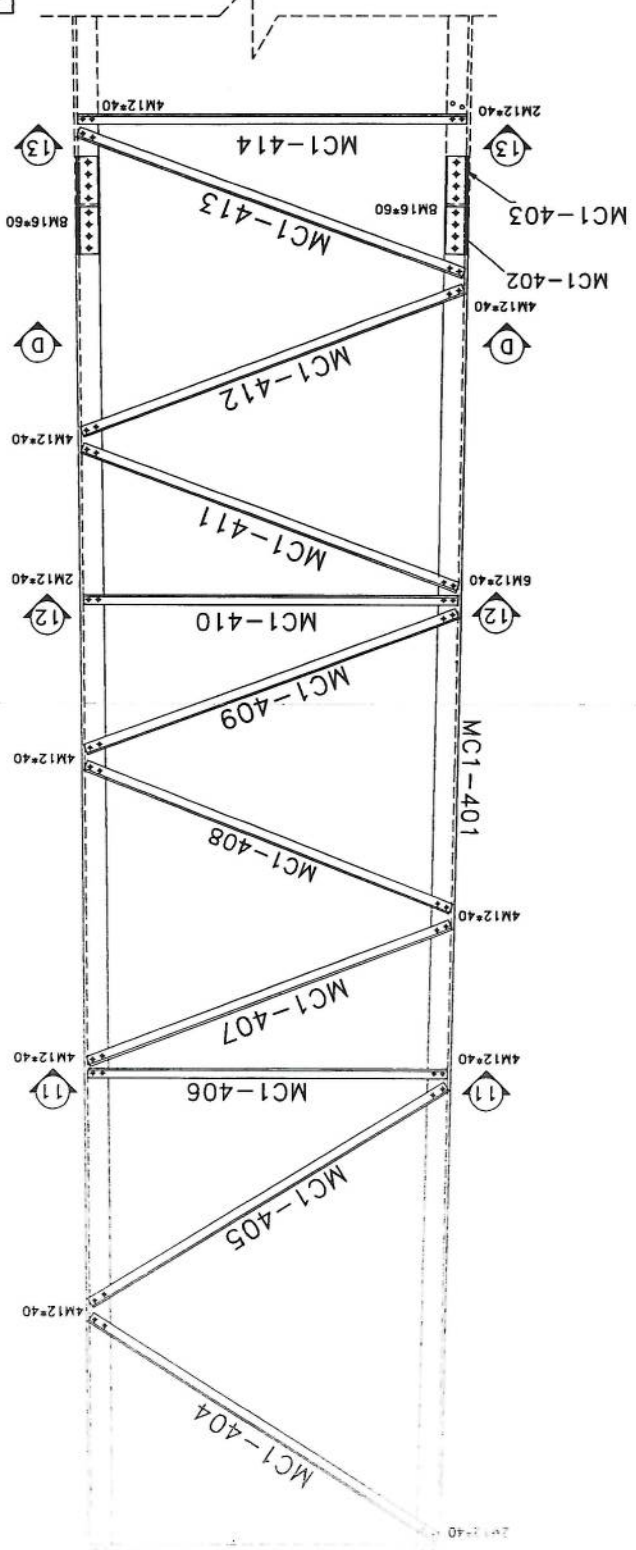
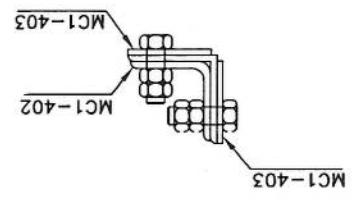


SEC. 8-8



Handwritten signature

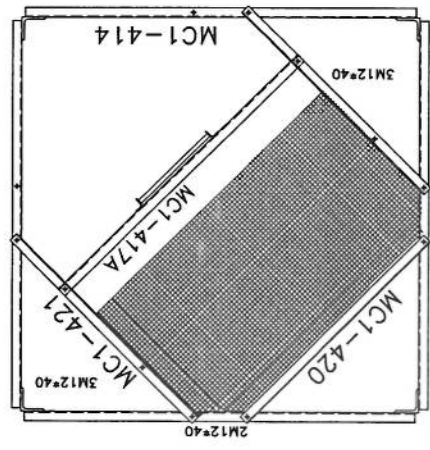
SEC. D-D



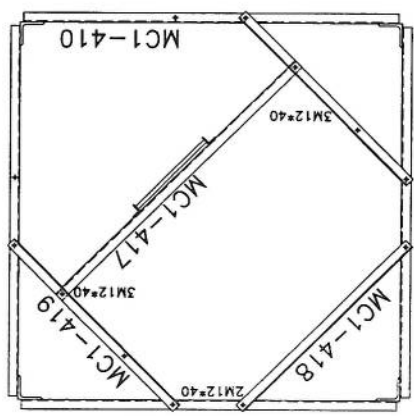
Rev.		Design		Drawn		Checked		Approved		Date		Description	
02		--		--		--		--		A.Salahour/01/13/2024		--	
01		--		--		--		--		--		--	
00		--		S.Ghodini		--		--		--		--	
													
Tower Type: TOWER NB						Title : NB TOWER 30M PANEL 2							
Project :						AFGHAN TELECOM							
Client :													
Scale: 1/11						Ref. No. 00							
Project No.:						Sheet No. 2							

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

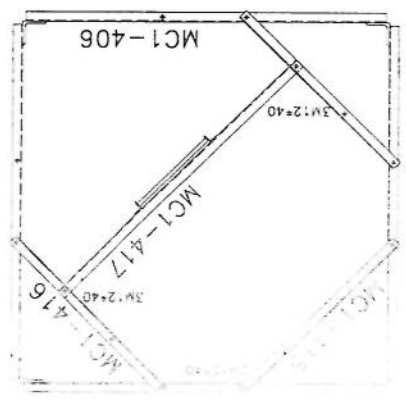
SEC. 13-13



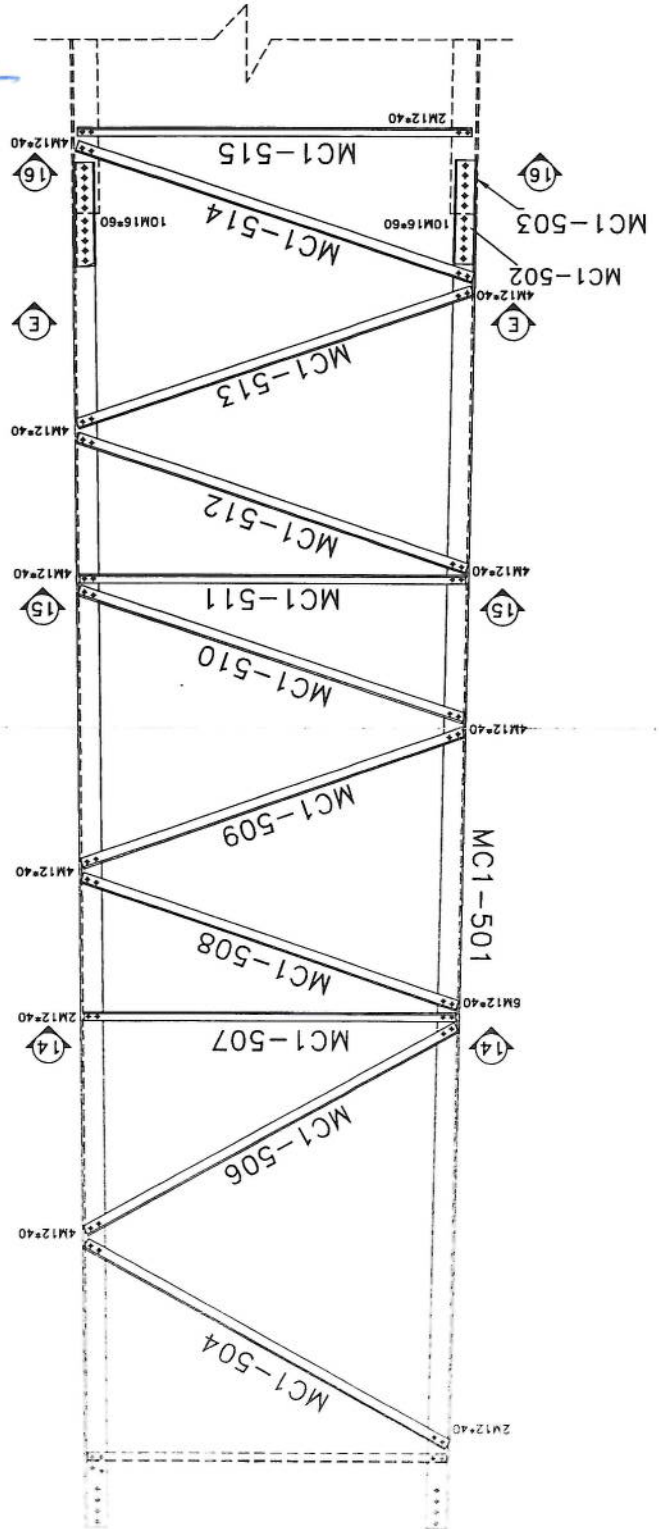
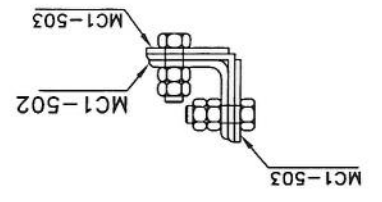
SEC. 12-12



SEC. 11-11

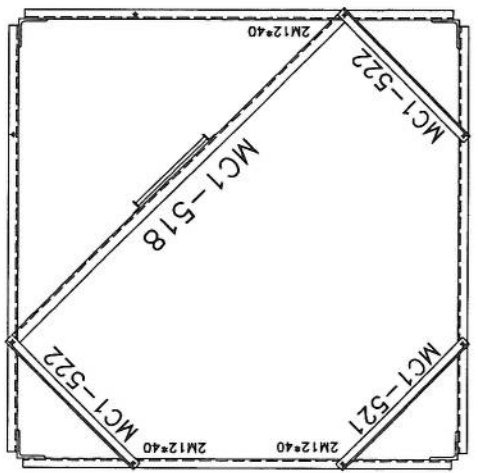


SEC. E-E

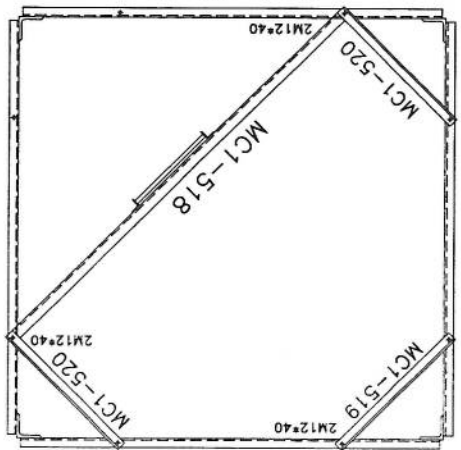


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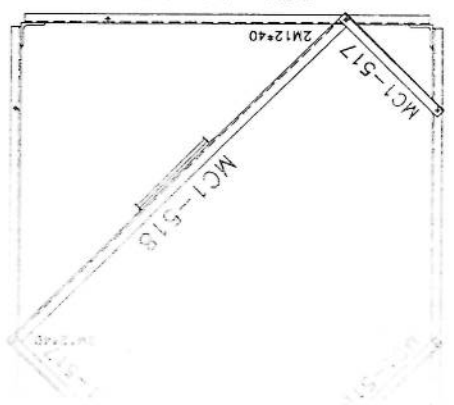
SEC. 16-16



SEC. 15-15



SEC. 14-14

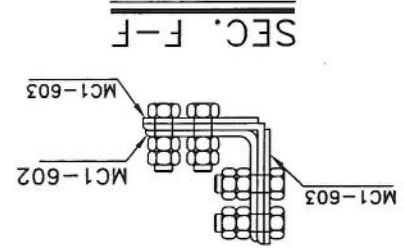


Project No.:		Scale: 1/11	Ref. No. 00	Sheet No. 5
Tower Type: TOWER NB		Title:		
Project:		NB TOWER 30M		
Client:		AFGHAN TELECOM		
Rev.	Design	Drawn	Checked	Approved
00	---	S. Ghadiri	---	A. Solahpour
01	---	---	---	10/13/24
02	---	---	---	---
Description		Panel 3		

List of Bolts - PANEL 5	Specification	Qty
M16x60	194	80

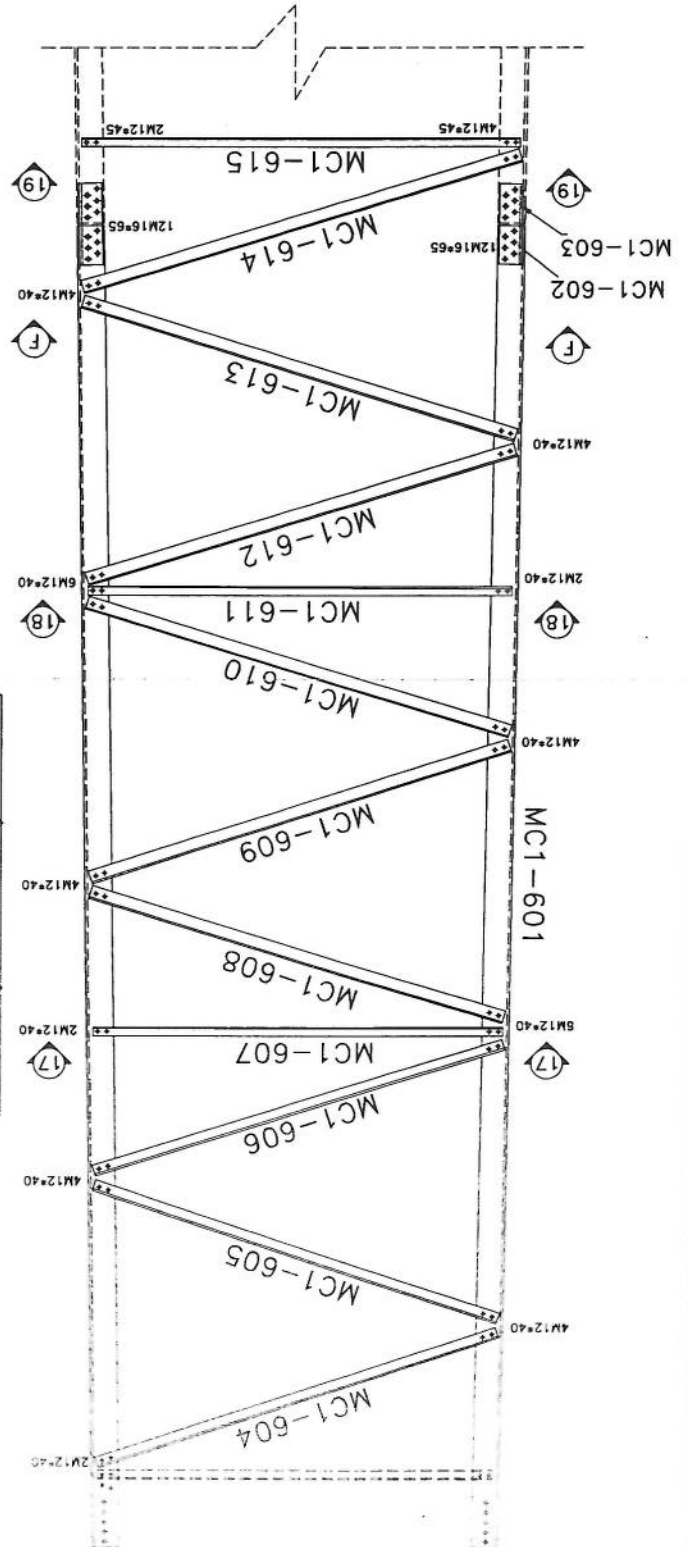
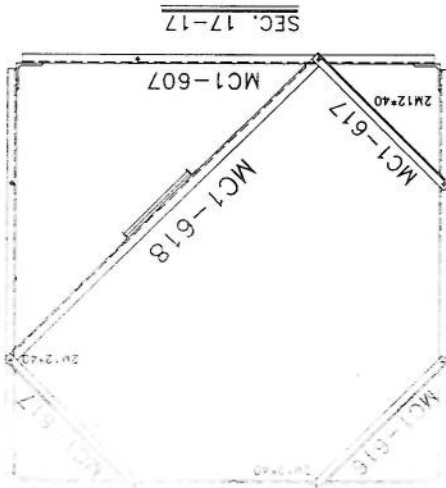
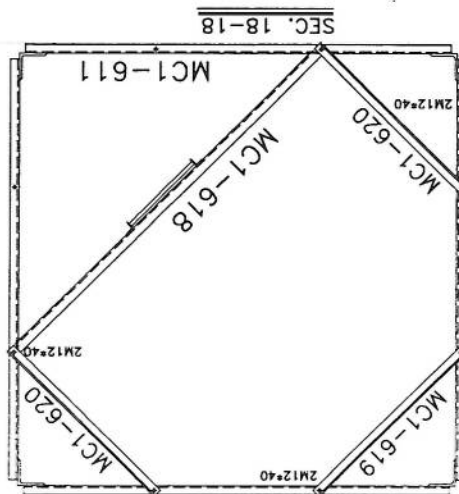
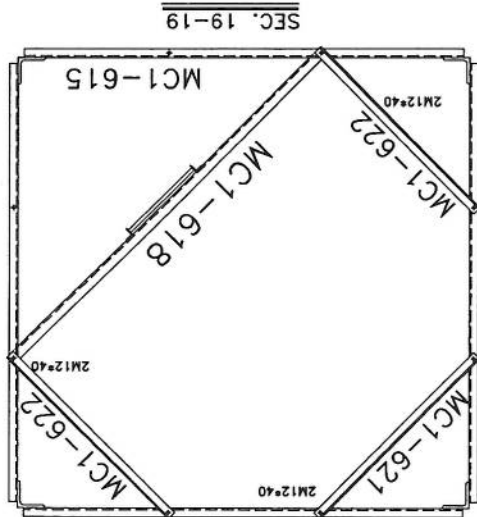
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Tower Type: TOWER NB		Title: NB TOWER 30M					
Client: AFGHAN TELECOM		Project: PANEL 4					
Rev.	Design	Drawn	Checked	Approved	Date	Description	
02	--	--	--	--	--	--	--
01	--	--	--	--	10/13/24	--	--
00	--	S. Ghodiri	A. Solahpour	--	--	--	--

Handwritten signature



Specification	Qty
M12x40	186
M12x45	24
M16x65	96

List Of Bolts - PANEL 6



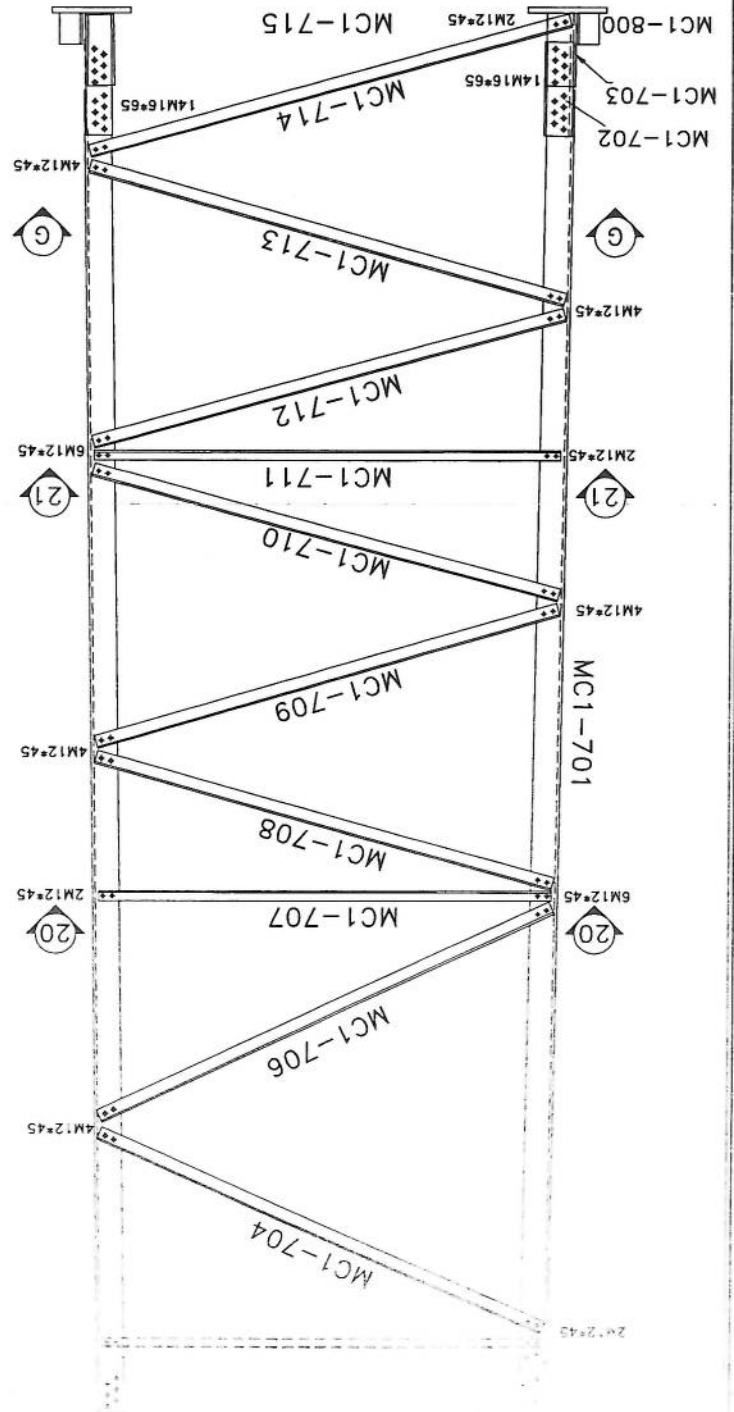
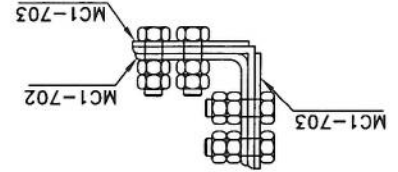
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Tower Type: TOWER NB		Title: NB TOWER 30M					
Client:		Project: AFGHAN TELECOM					
Rev.		Design		Drawn		Checked	
02		---		---		---	
01		---		---		---	
00		---		---		---	
Description		Date		Approved		A. Solahshour	
---		10/13/24		---		---	

Specification	Qty
M12x40	18
M12x45	176
M16x65	112

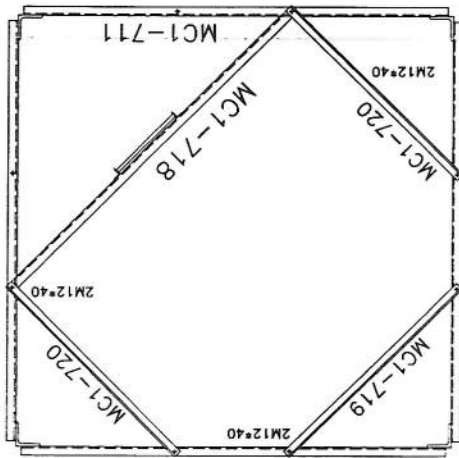
List of Bolts - PANEL 7



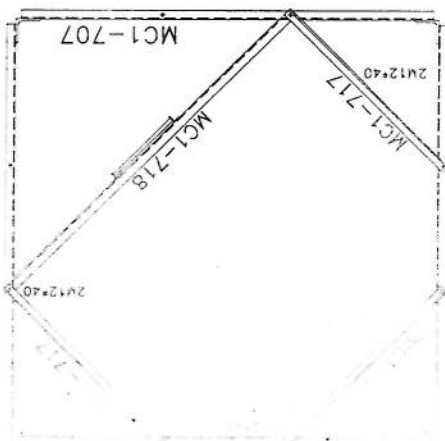
SEC. G-G



SEC. 21-21

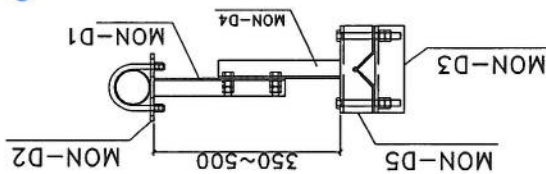


SEC. 20-20



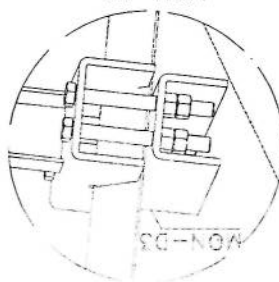
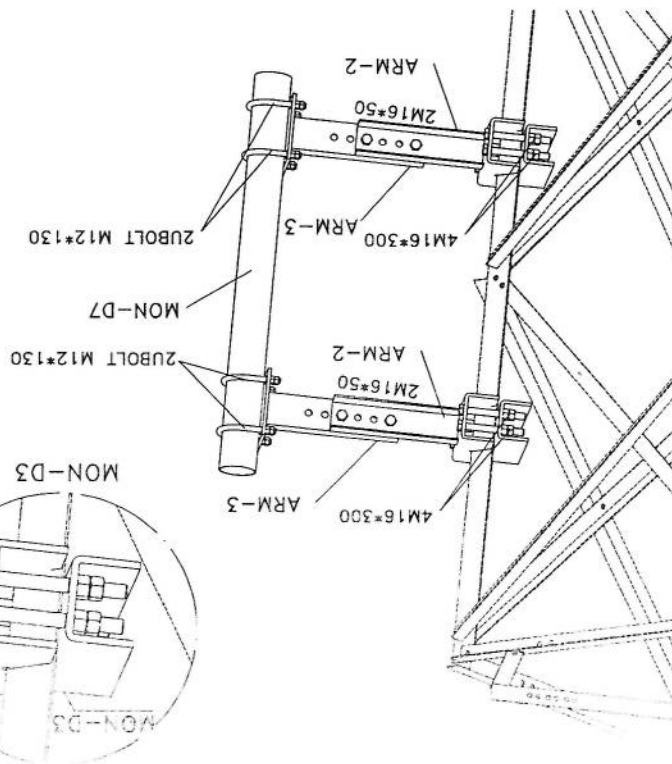
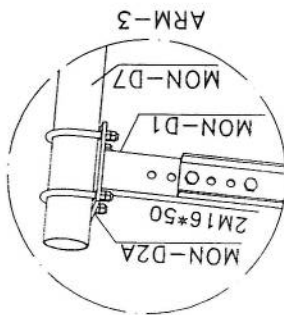
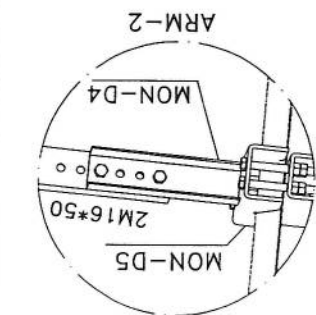
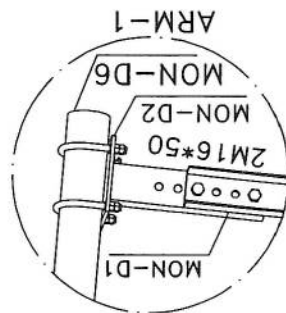
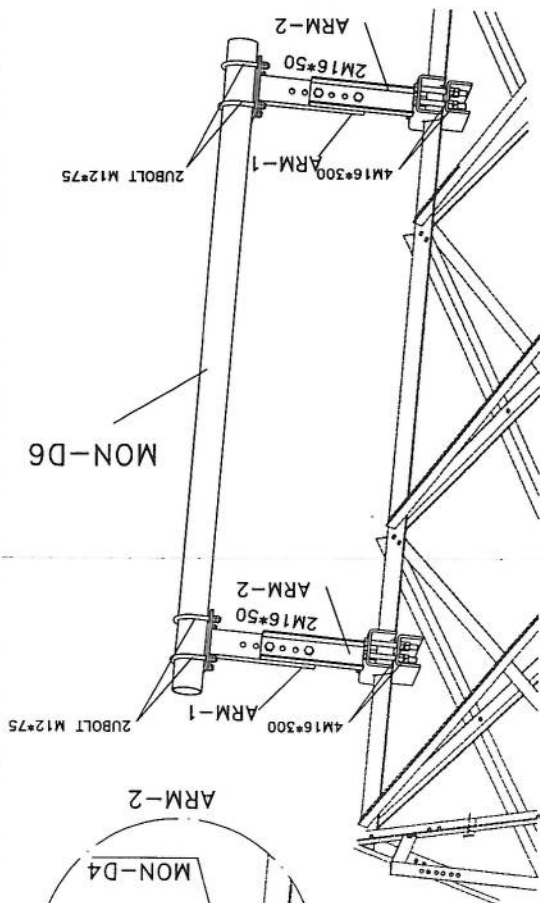
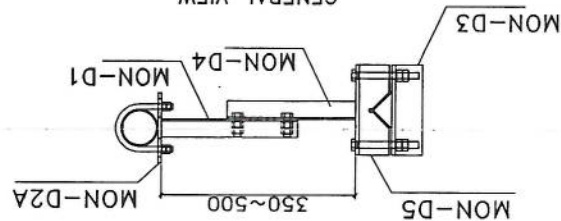
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Scale: 1/11		Ref. No. 00	
Sheet No. 12		Project:	
Client:		AFGHAN TELECOM	
Title:		NB TOWER 30M MOUNTING	
Rev.	Design	Drawn	Checked
02	---	S. Ghodiri	---
01	---	S. Ghodiri	---
00	---	S. Ghodiri	---
Description		Approved	Date
---		A. Solihour	10/13/24
---		A. Solihour	01/02/24
---		A. Solihour	01/03/11

GENERAL VIEW



ASSEMBLY	POSITION	SIZE	QUANTITY
ARM-1	MON-D1	UNP80	2
ARM-1	MON-D2	PL8	2
ARM-2	MON-D3	PL8	2
ARM-2	MON-D4	UNP80	2
ARM-2	MON-D5	PL8	2
BOLT	MON-D6	PIPE60*1.3	1
BOLT	MON-D7	M16*300	8
UBOLT	MON-D8	M12*130	4

GENERAL VIEW

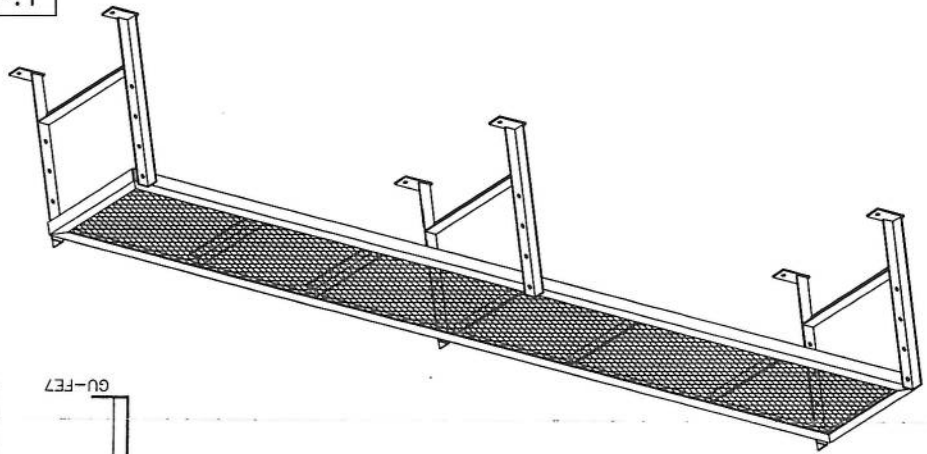
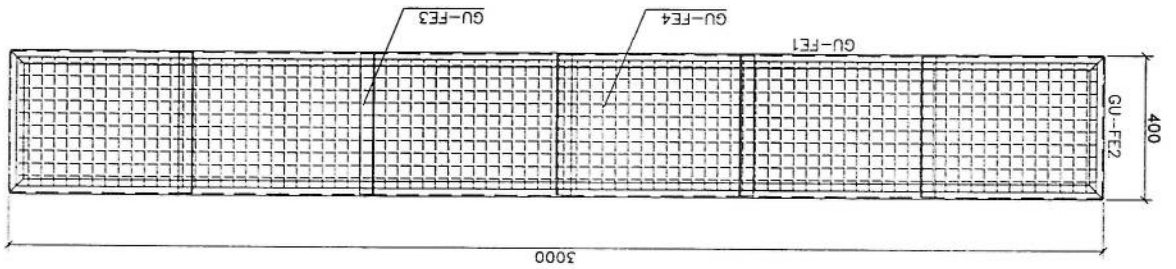
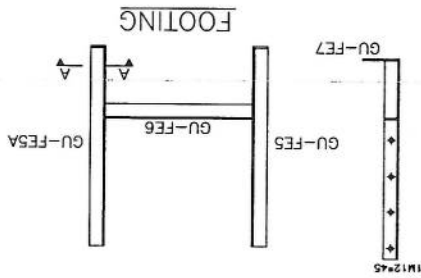
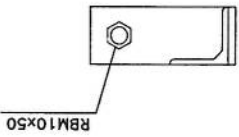


7	-	051-212A	17087
8	-	005-500	1708
9	Steel 1.250	20-200	
10	Steel	20-200	2-200
11	Steel	20-200	
12	Steel	20-200	
13	Steel	20-200	
14	Steel	20-200	
15	Steel	20-200	
16	Steel	20-200	
17	Steel	20-200	
18	Steel	20-200	
19	Steel	20-200	
20	Steel	20-200	

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

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

SECTION A-A

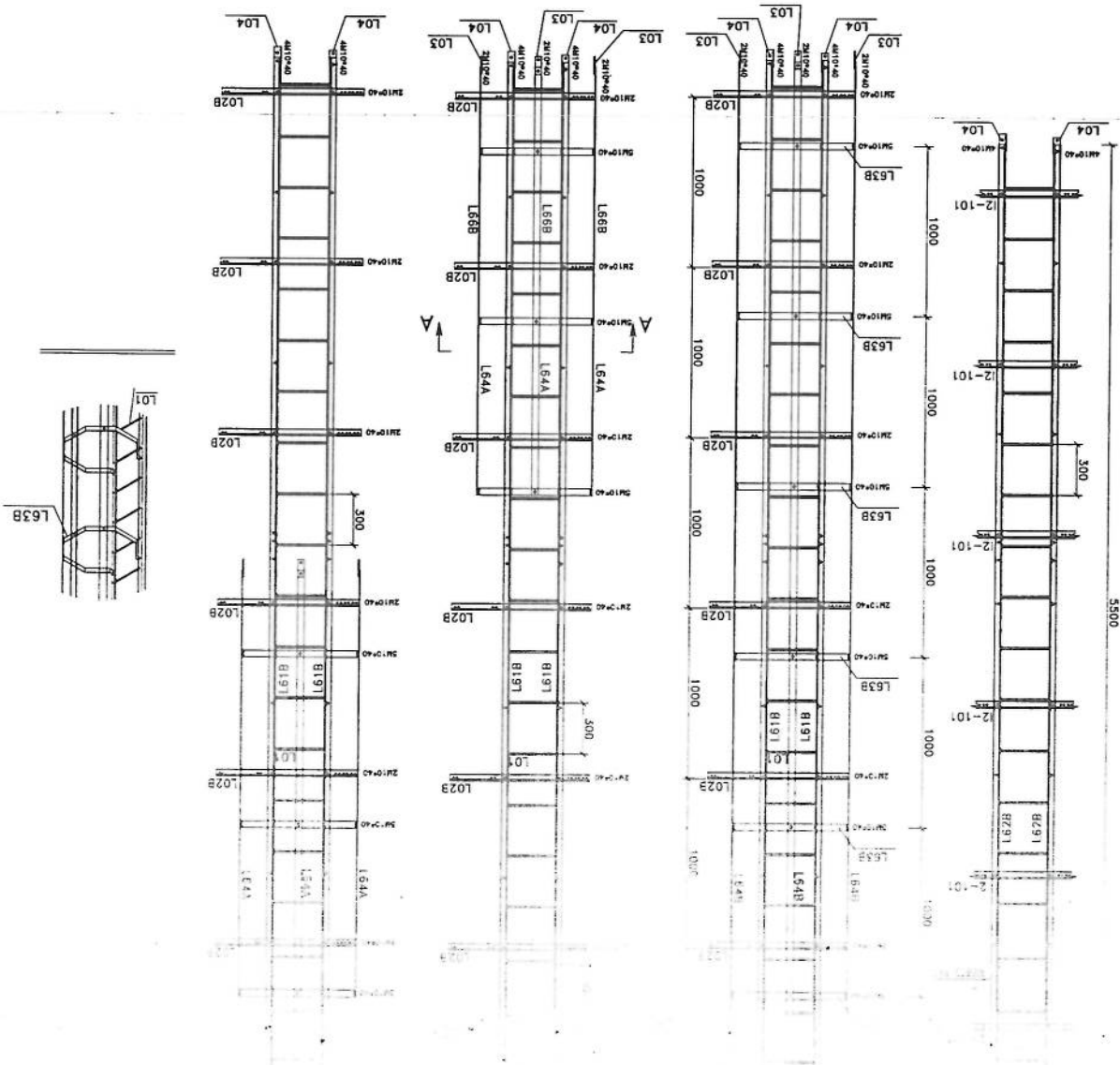
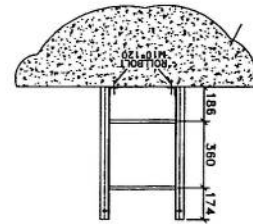
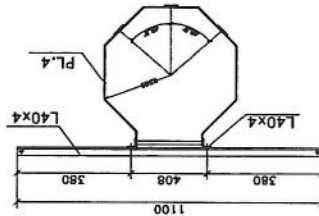


Project No.1		Tower Type: TOWER NB		Scale: 1/11		Ref. No. 00		Sheet No. 10	
02		--		--		--		--	
01		--		--		--		--	
00		S.Ghodini		Checked		A.Salahpour		10/13/24	
Rev.		Design		Drawn		Approved		Date	
Description									
Client I									
Project I		AFGHAN TELECOM		NB TOWER 30M		LADDER			

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

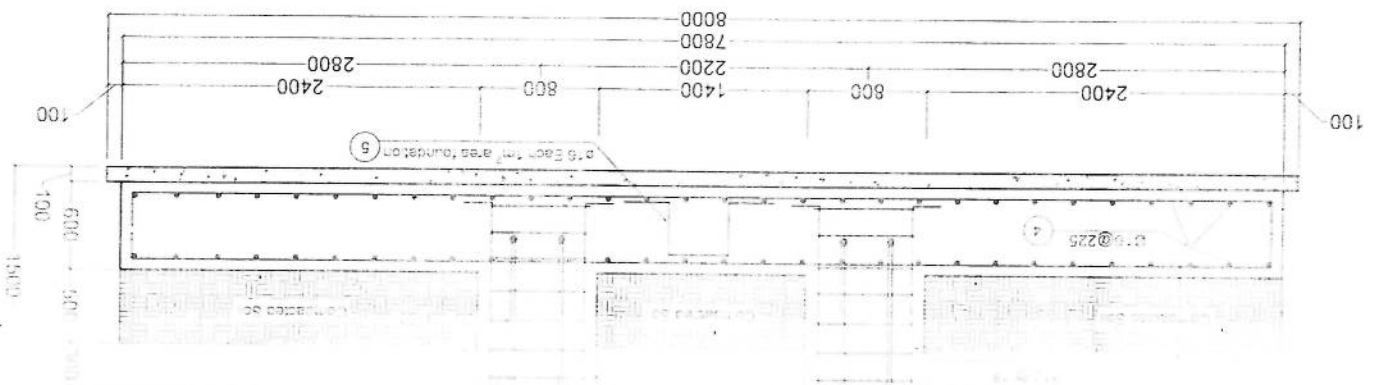
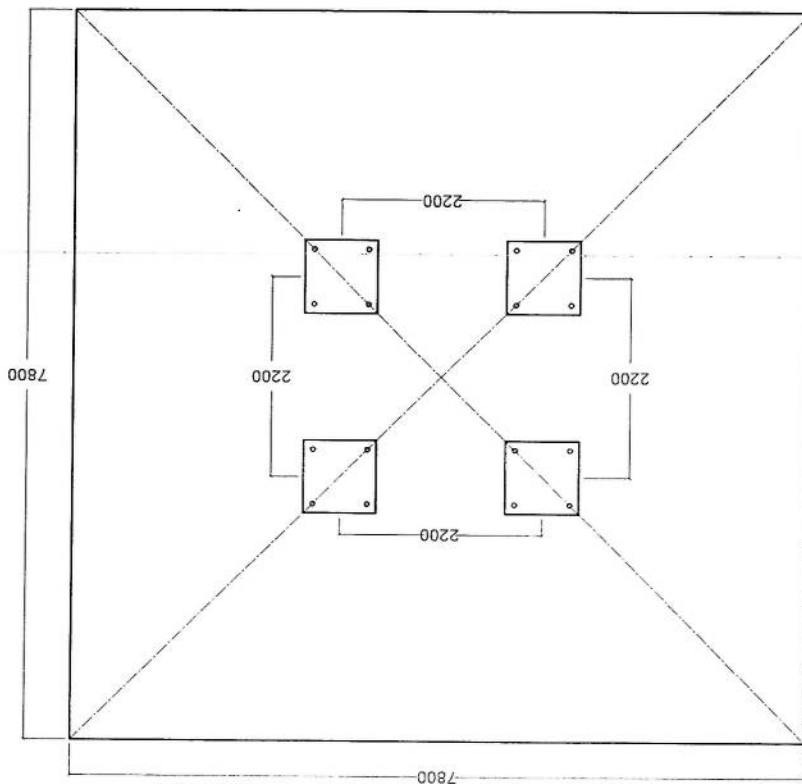
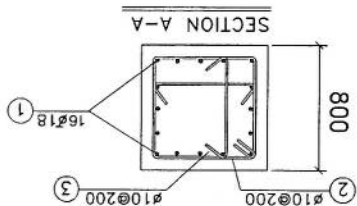
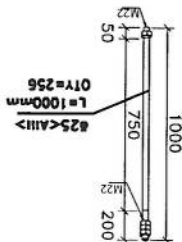
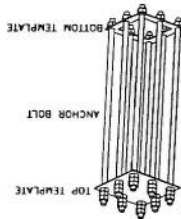
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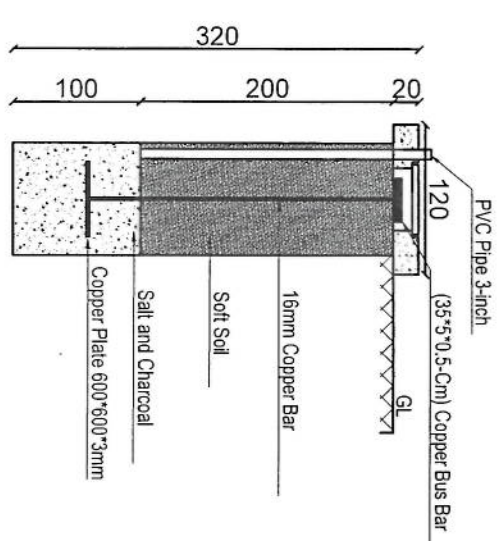
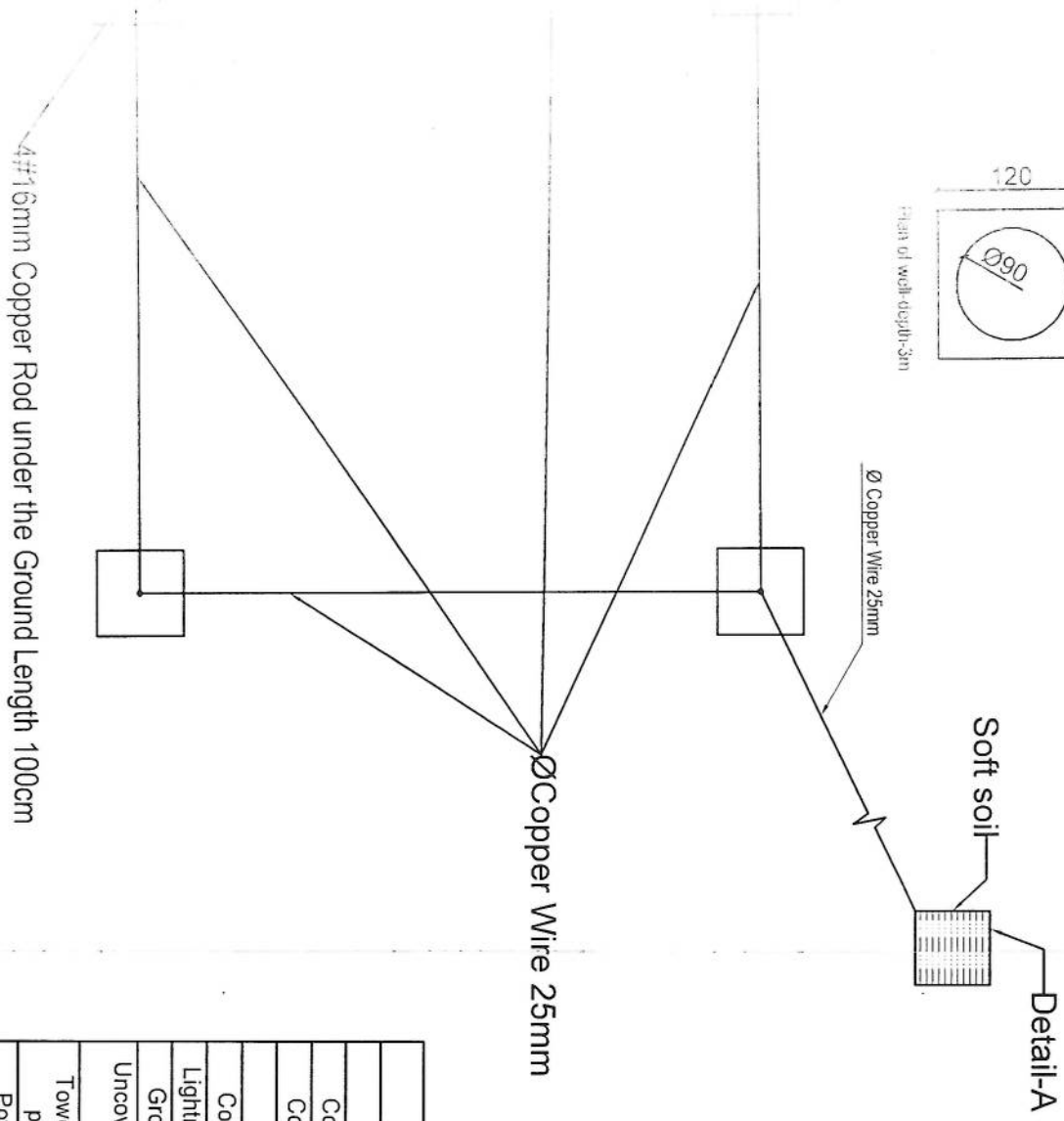
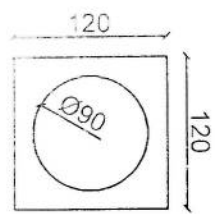
Safety Hoop And Rack Feeder



Bill of Material					
Pos	Shape	Dia(mm)	Length(m)	Quantity	Total Length(m)
1		18	1.50	64	96
2		10	2.8	28	79.00
3		10	0.85	56	48.00
4		16	8.15	140	1203
5		16	2.20	59	130
Concrete Volume : 38.55 m ³					Total Weight = 2216 kg
					Total Weight

- 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 tow stages.
 7. Concrete to confirm the specification.





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
تغییرات	تاریخ	توضیحات

LEGEND:
PCC

PROJECT TITLE / NO:
GSM SITES
طرح نام: GSM سایت

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

DRAWN BY:
CIVIL TEAM

CHECKED BY:
طراح

APPROVED BY:
مطابق

SCALE:
1:75
ACTUAL DATE:
14.05/2025
ISSUE DATE:
DWG NO: 23

OWNER:
AFGHAN TELECOM