

New ID: 31.54698		New long: 64.919355		KND168	
site location Name: District: Province:					
TX connectivity data		Front Site ID: KND176		New Repeater needed?	
Type of Property		Private?		Gov?	
Primary agreement with owner done:		No Need		Government property	
Property owner contact		Government property		Contract Agreement Negotiated?	
Site type		RT:		GF:	
Land type		Desert level		Hill	
		Mountainhouse		City	
		Rural		Rocky	
		OK		Yes	
Access Road available		Yes (Yes)		No:	
Access road needed					
Needed tower type		GF		Yes:	
Needed tower height		30m		GM	
		RT			
Boundary wall needed					
Boundary wall length					
Guardroom needed					
Toilet/Washroom					
Wall Fence needed					
Comments about access:					
The surveyed area has access road and no need for road.					
Location photo record		General view		Panaromic (45°) 8 photos	
Access road Direction					
Surveyer details(name contact...etc)		Bashir Ahmad		749998645 RF Engineer	
General Comments:					

Gov property

General Comments:

Surveyer details(name

contact...etc

Bashir Ahmad

749998645 RF Engineer

Location photo record

General view

Panaromic (45°) 8 photos

Access road Direction

road

Comments about access

The surveyed area has access road and no need for road.

Wall Fence needed

Toilet/Washroom

Guardroom needed

Boundary wall length

Boundary wall needed

Needed tower height

Needed tower type

Access road needed

Access Road available

Yes (Yes)

No:

Site type

RT:

GF:

Yes

Land type

Desert level

Hill

Mountainhouse

City

Rural

Rocky

OK

Yes

Contract Agreement Negotiated?

No:

OK

Ongoing:

Property owner contact

Government property

Primary agreement with owner done:

No Need

Government property

Type of Property

Private?

No

Gov?

Yes

NA?

New Repeater needed?

Province

District

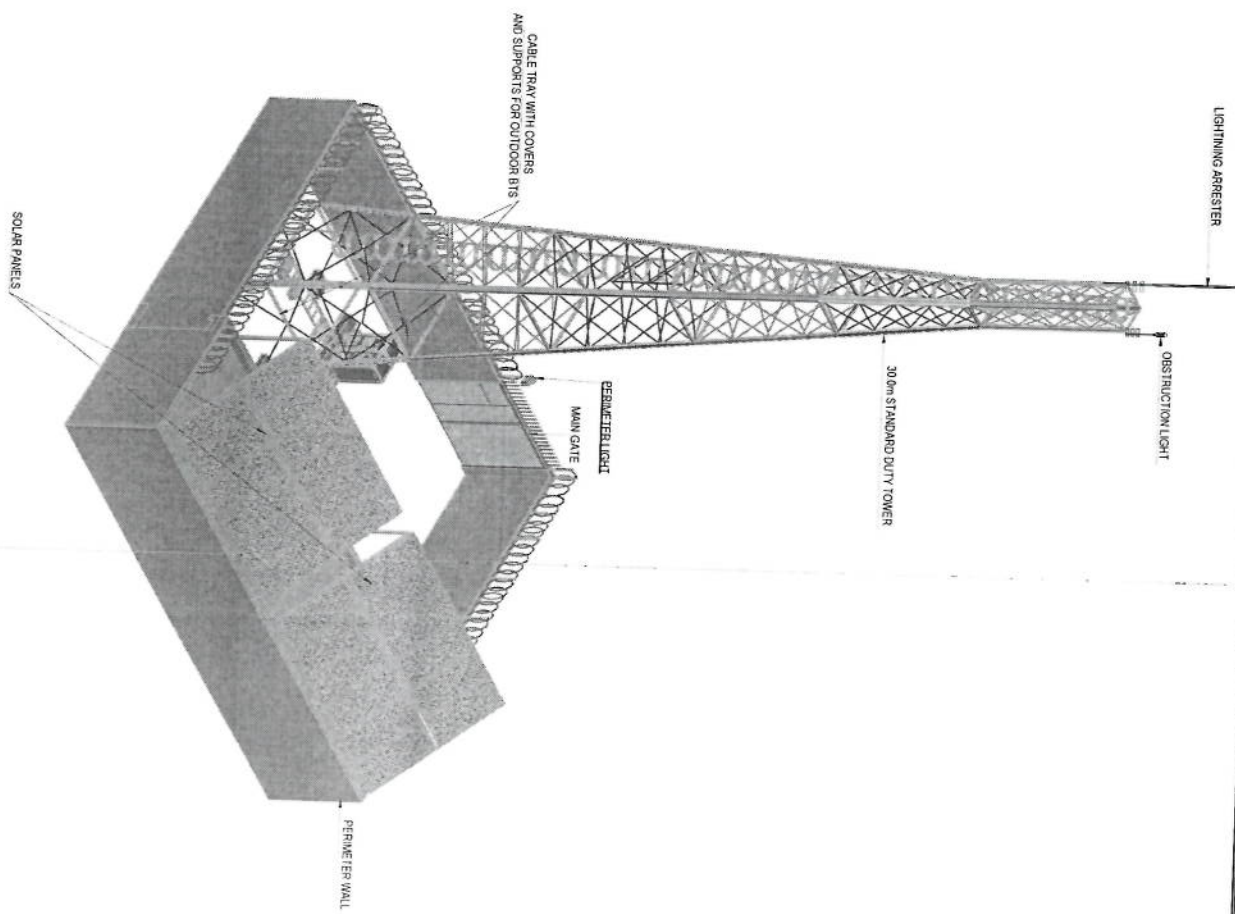
Province

**STANDARD DRAWING
DETAILED DESIGN DRAWING**

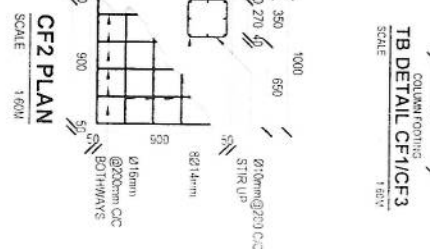
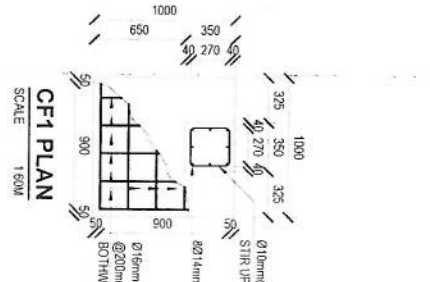
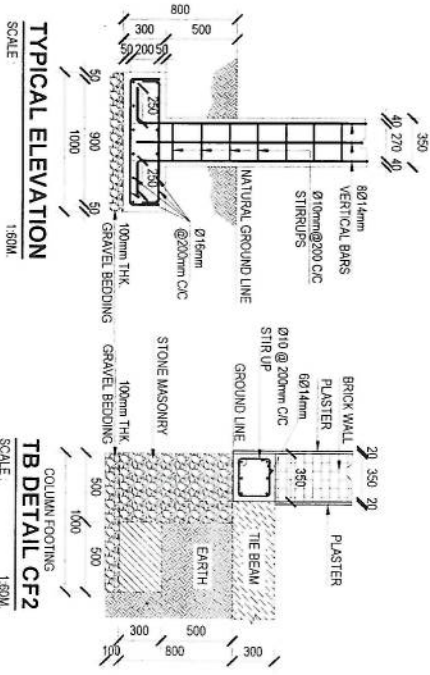
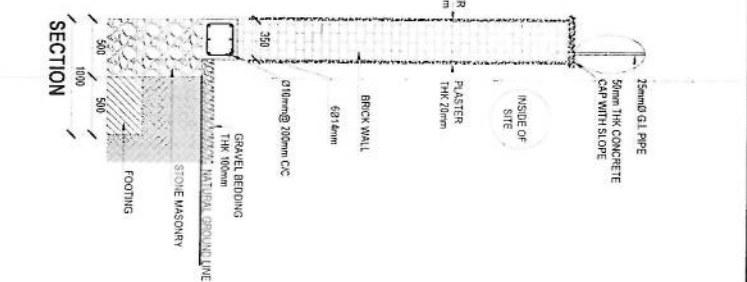
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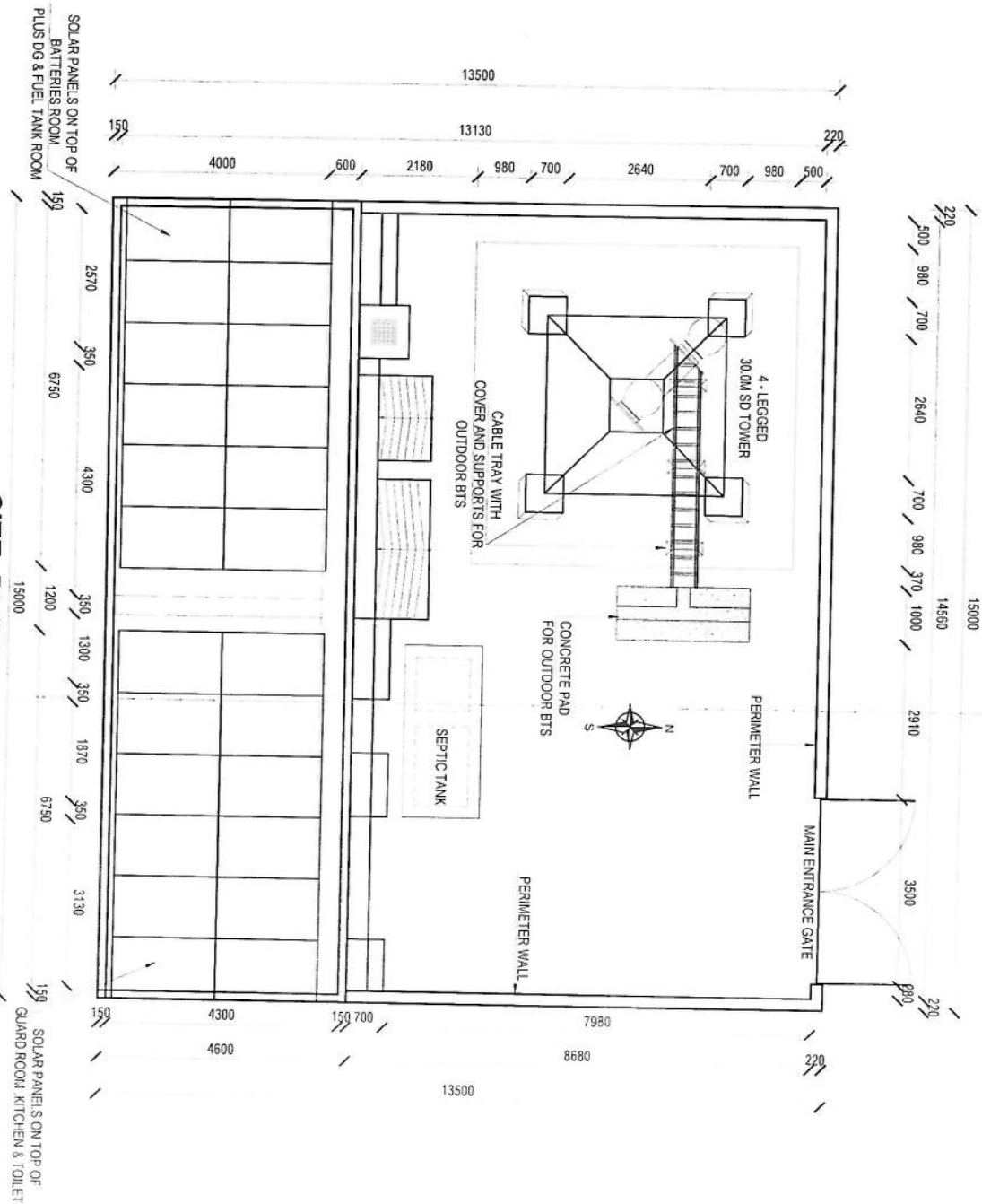
TOWER HEIGHT: 30m-80 TOWER

[Handwritten signature]



PERSPECTIVE
SCALE: NTS



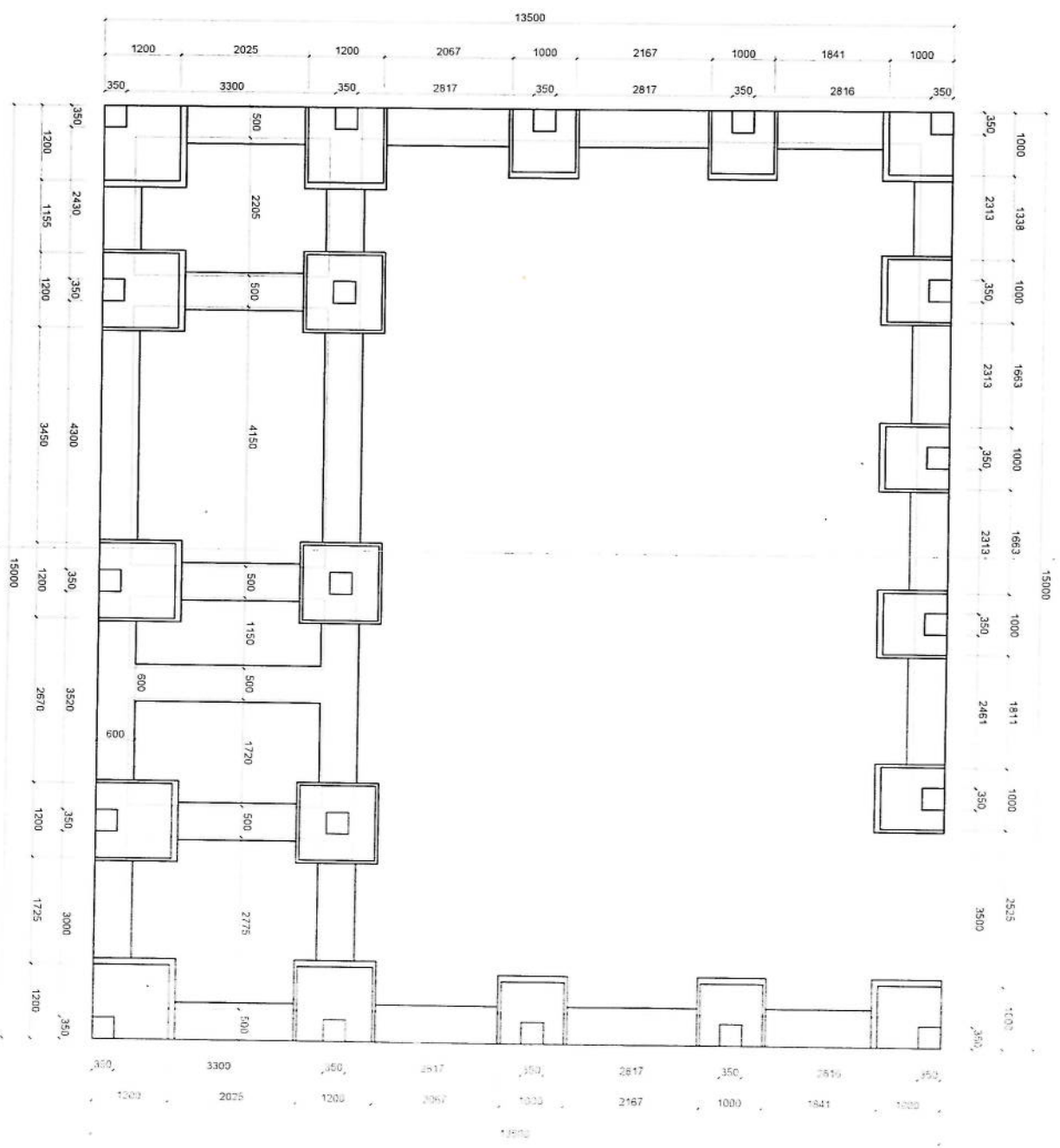


SITE PLAN

SCALE: 1:150M.

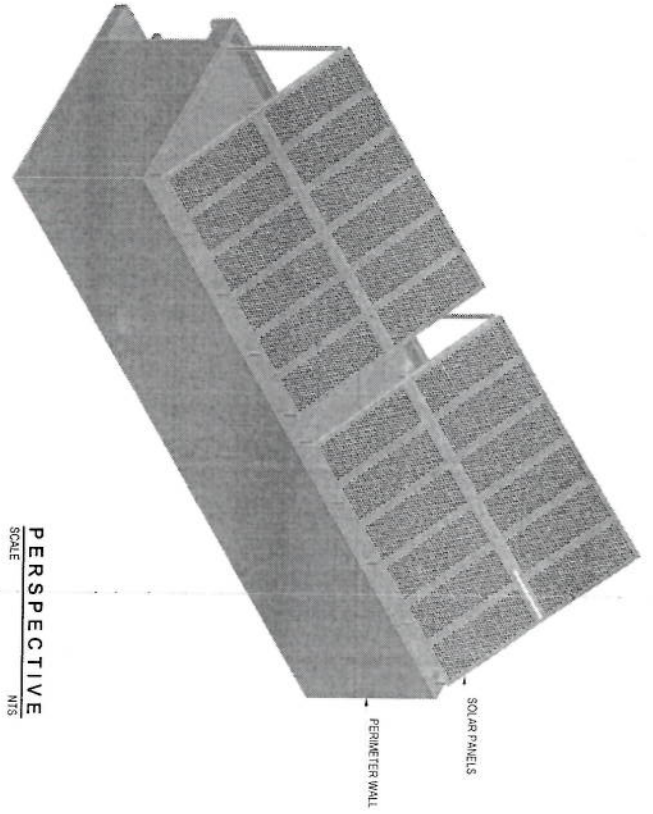
Handwritten signature/initials in blue ink.

Handwritten signature

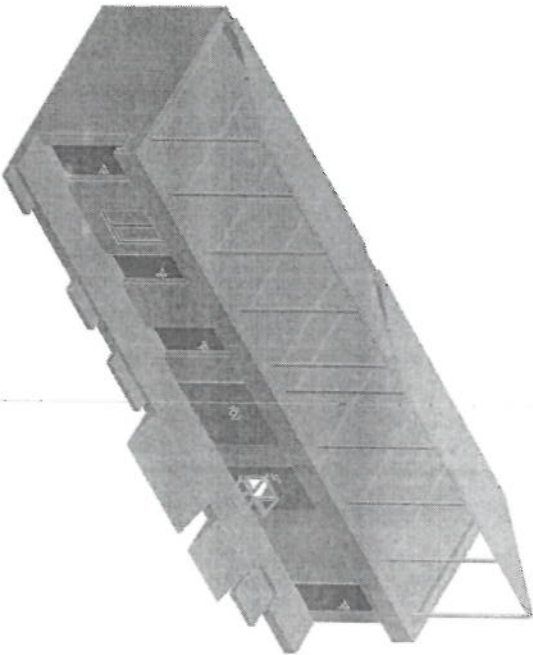


FOUNDATION PLAN
SCALE: 1:125

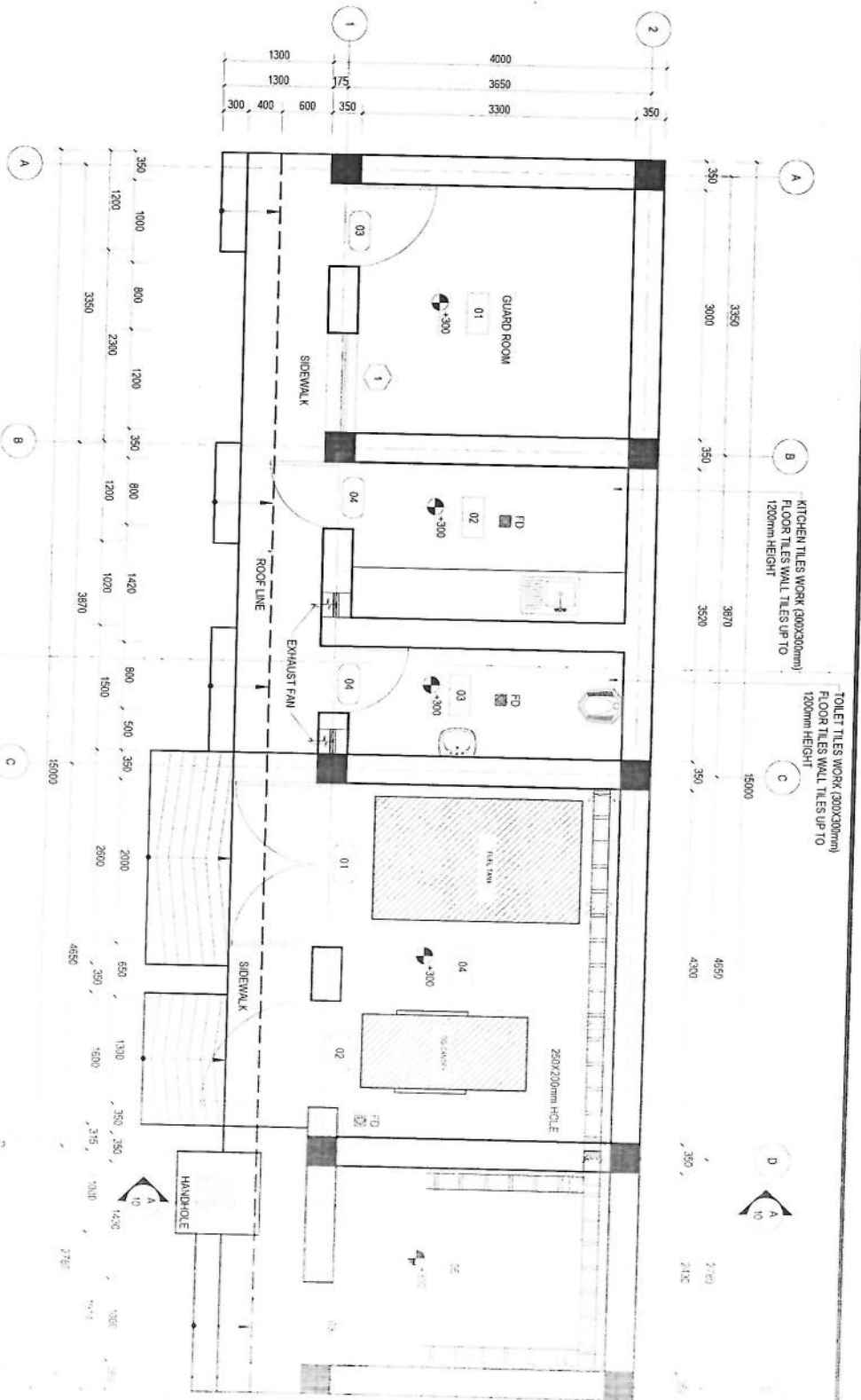
Handwritten signature or initials in blue ink.



PERSPECTIVE
SCALE
MIS



Handwritten signature



STEEL FRAME BOX FOR
VENTILATION PURPOSE

PLAIN CEMENT FINISH
(PAINTED)

TOP OF THE PARAPET WALL
+25.50

TOP OF THE ROOF SLAB
+32.50

BOTTOM OF THE ROOF BEAM
+31.00

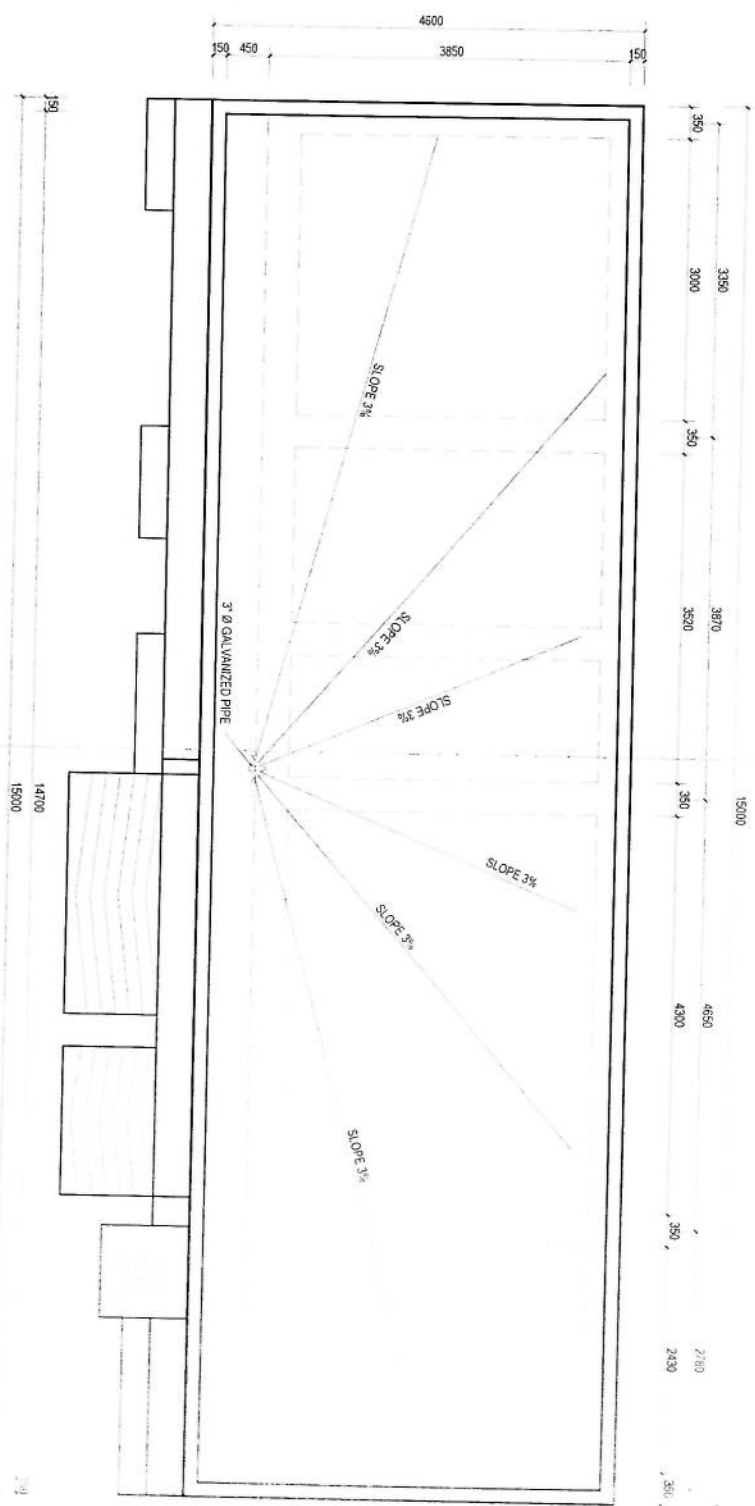
BOTTOM OF THE ROOF BEAM
+28.00

TOP OF THE FLOOR SURFACE

GRADE LEVEL
±0.00

RIGHT ELEVATION
SCALE 1:50

Dr. J. J. J.



ROOF PLAN
SCALE 1:80

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

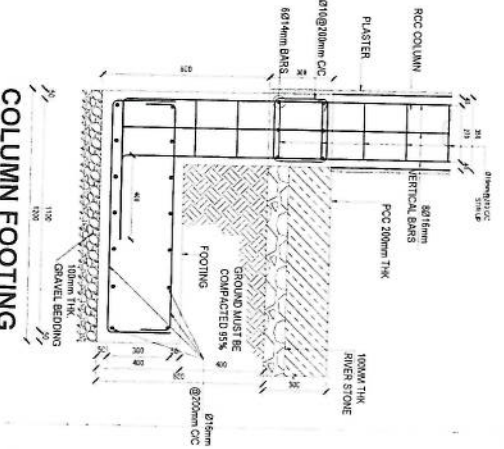
[Handwritten signature]



SCALE 100



12/11/15



COLUMN FOOTING

SCALE: 1:20

1/2" = 1'-0"

1/4" = 1'-0"

1/8" = 1'-0"

1/16" = 1'-0"

1/32" = 1'-0"

1/64" = 1'-0"

1/128" = 1'-0"

1/256" = 1'-0"

1/512" = 1'-0"

1/1024" = 1'-0"

1/2048" = 1'-0"

1/4096" = 1'-0"

1/8192" = 1'-0"

1/16384" = 1'-0"

1/32768" = 1'-0"

1/65536" = 1'-0"

1/131072" = 1'-0"

1/262144" = 1'-0"

1/524288" = 1'-0"

1/1048576" = 1'-0"

1/2097152" = 1'-0"

1/4194304" = 1'-0"

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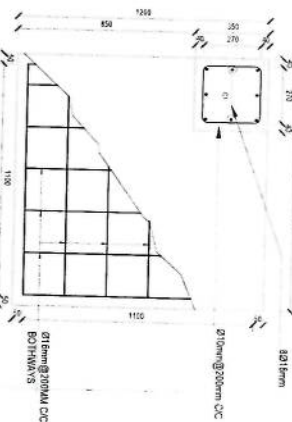
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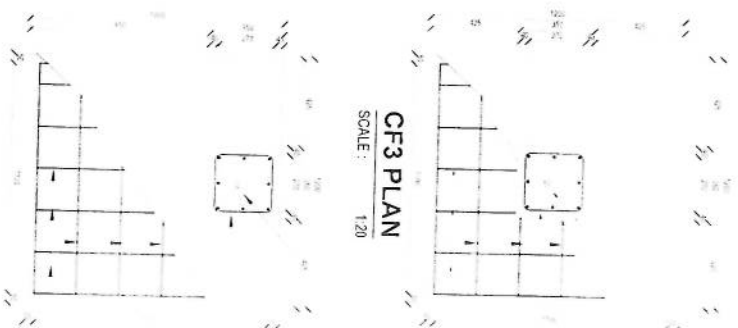
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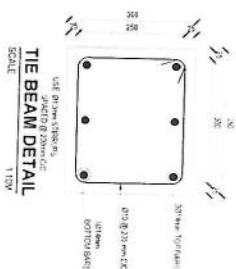
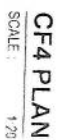
CF5 PLAN
SCALE: 1:20



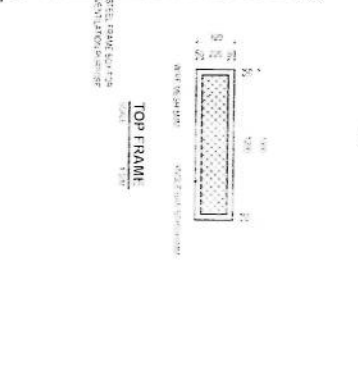
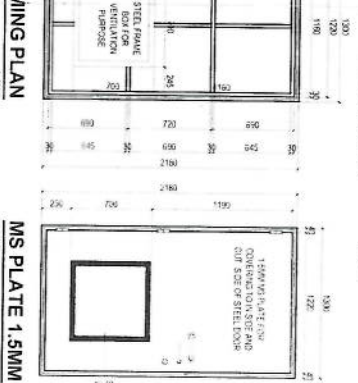
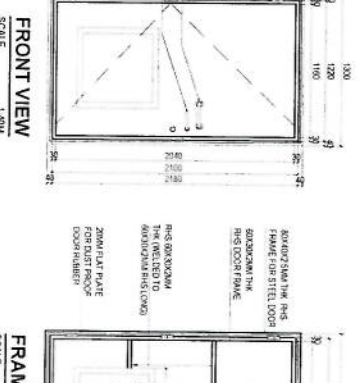
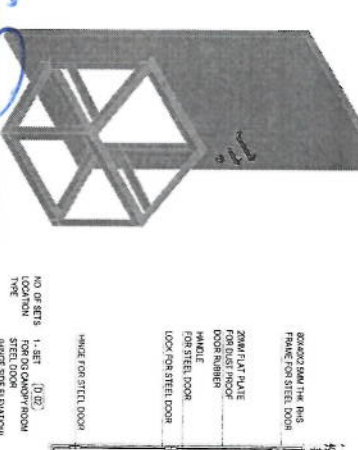
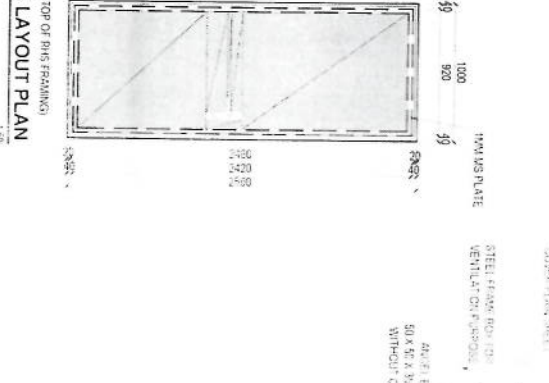
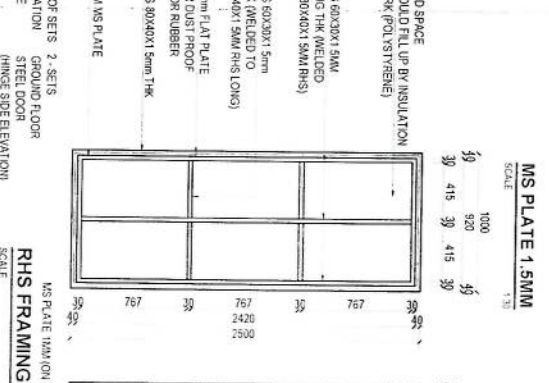
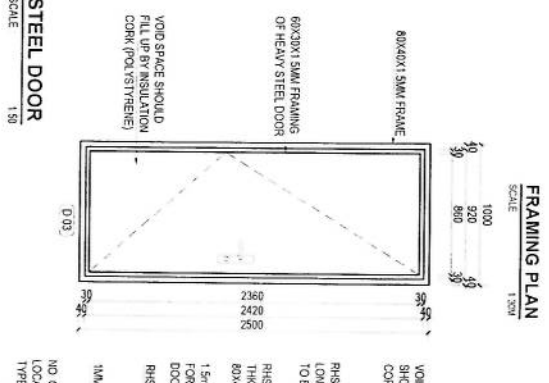
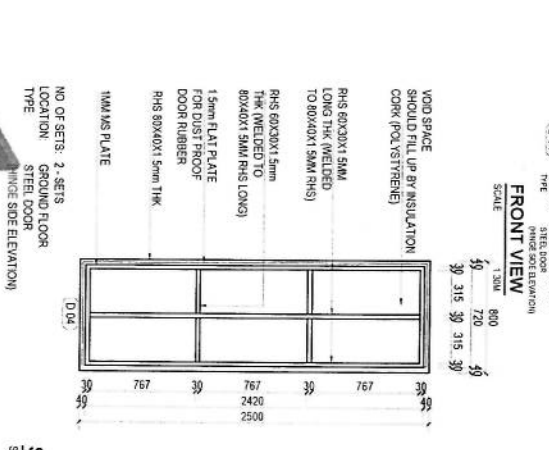
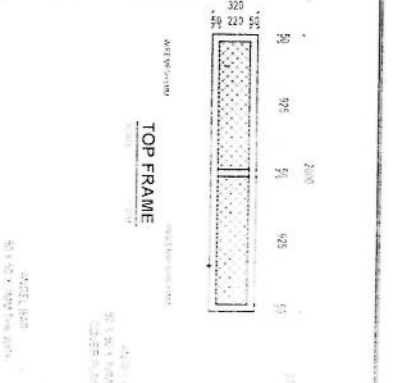
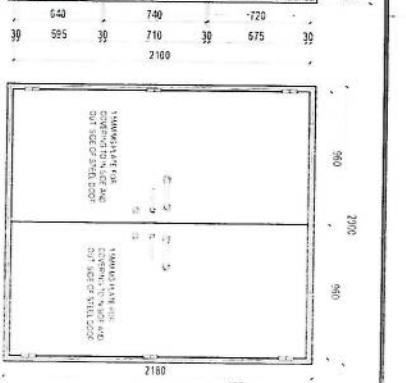
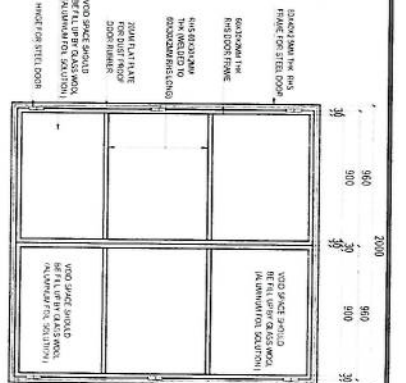
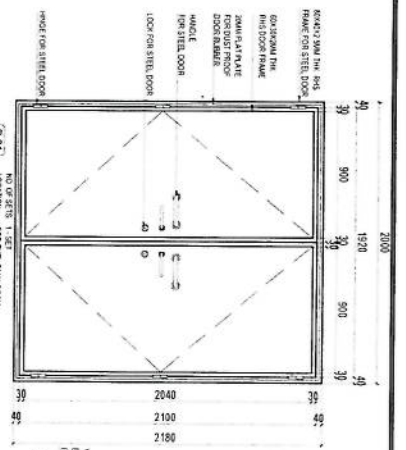
CF5 PLAN
SCALE: 1:20



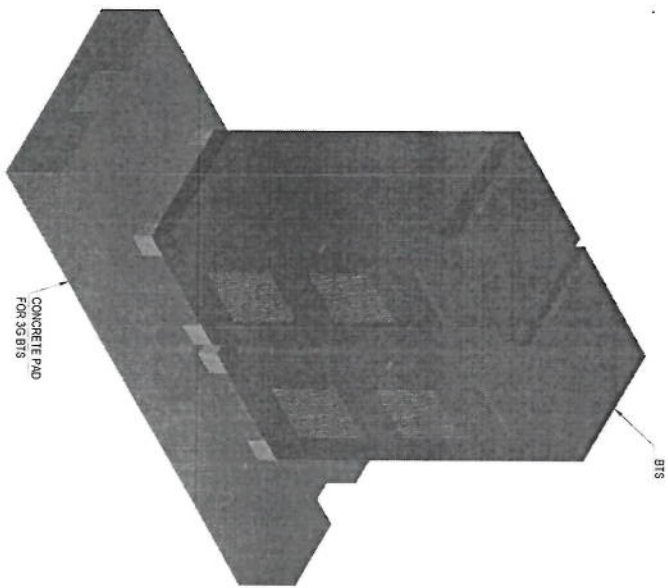
CF3 PLAN
SCALE: 1:20



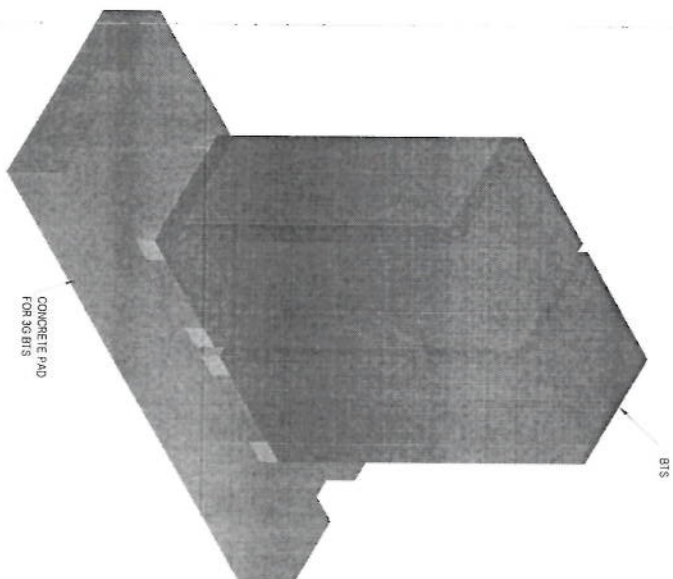
TIE BEAM DETAIL
SCALE 1/16" = 1'-0"



Handwritten signature and date: 10/10/20

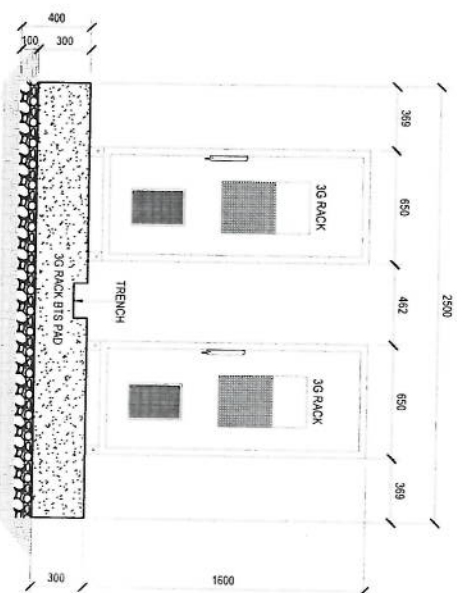
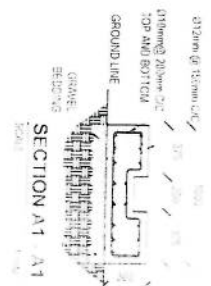
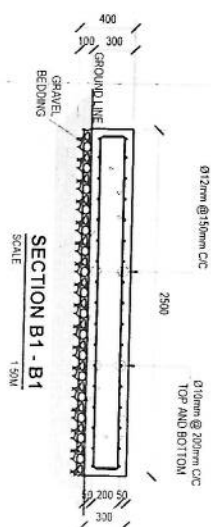
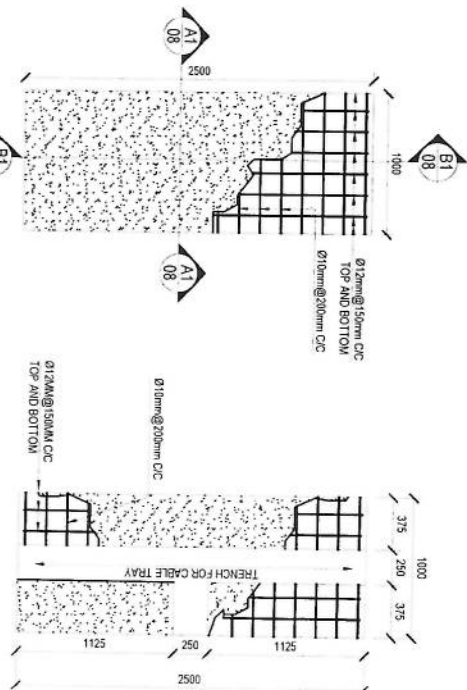


3D VIEW PLAN
SCALE: 1"=1'



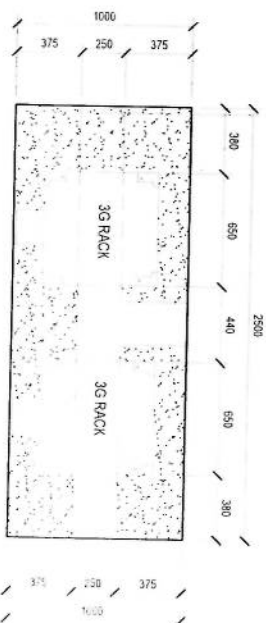
3D VIEW PLAN
SCALE: 1"=1'

Handwritten signature in blue ink.



OUT DOOR BTS RACKS & PAD SIDE VIEW

SCALE 1:40M



[Handwritten signature]

Use 24 Gage GI Sheet

24 Gage GI Sheet

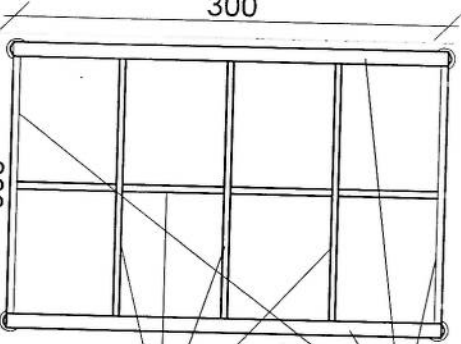
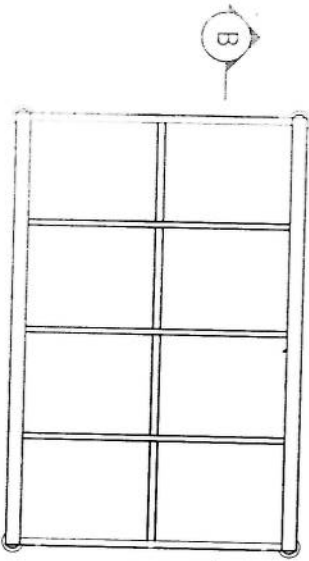
24 Gage GI sheet

use 4" Galvanized Pipe

use 4" Galvanized Pipe

Section BB

Section AA



use (100 x 100) 2mm thick channel

use (50 x 100) 2mm thick channel

SCALE: 1:50

REVISION RECORDS			
REVISION NO	DATE	DESCRIPTION	BY
1	17/04/2025	ISSUE DATE	17

LEGEND	SYMBOL	DESCRIPTION
GRADED ROCK	FC	فیلد کلاسیک

PROJECT TITLE / NO:
GSM SITES

DRAWING TITLE:

SUN SHELTER FOR ZTE BTS
سیلایه سایه برای BTS

DRAWN BY:
CIVIL TEAM

CHECKED BY:

APPROVED BY:

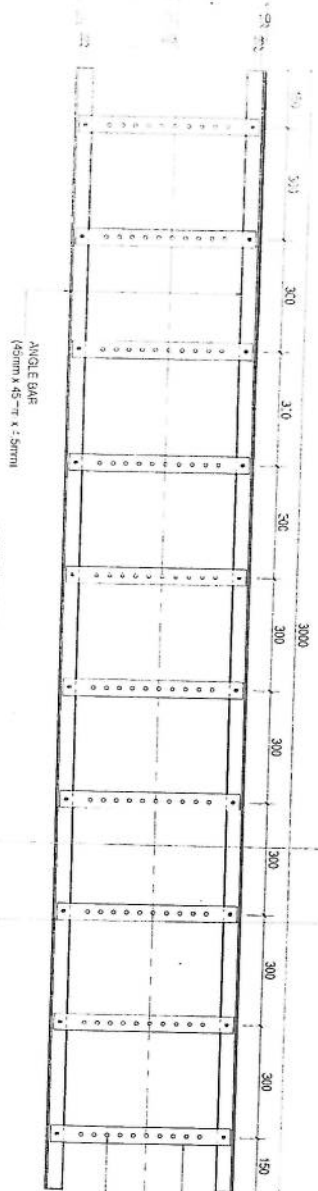
SCALE: 1:50

ACTUAL DATE: 17/04/2025

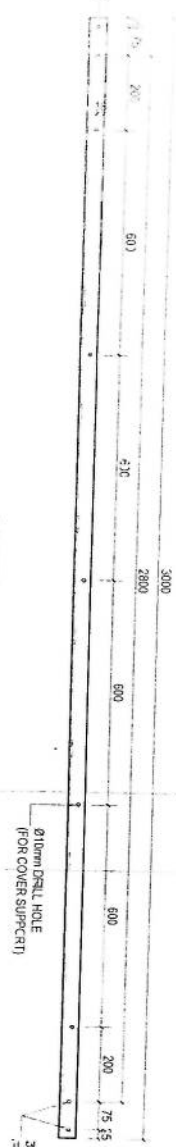
ISSUE DATE: 17

OWNER: AFGHAN TELECOM

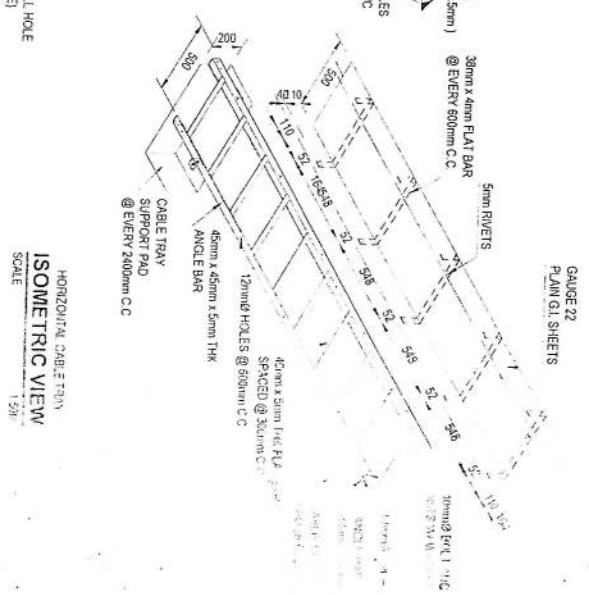
Salam Telecommunication Company
KABUL
AFGHANISTAN



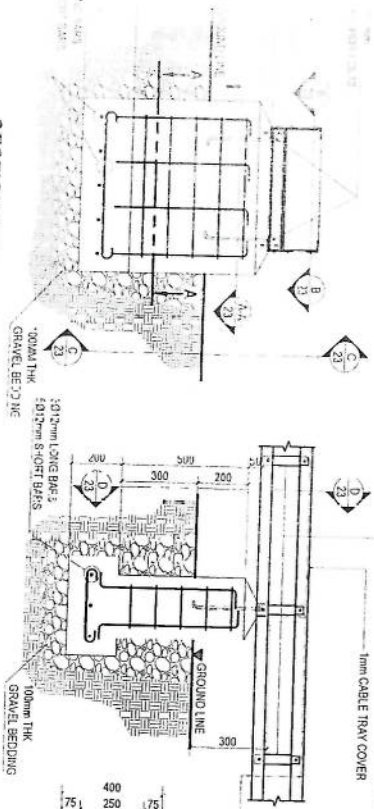
CABLE TRAY FOR BTS
SCALE: 1:20M



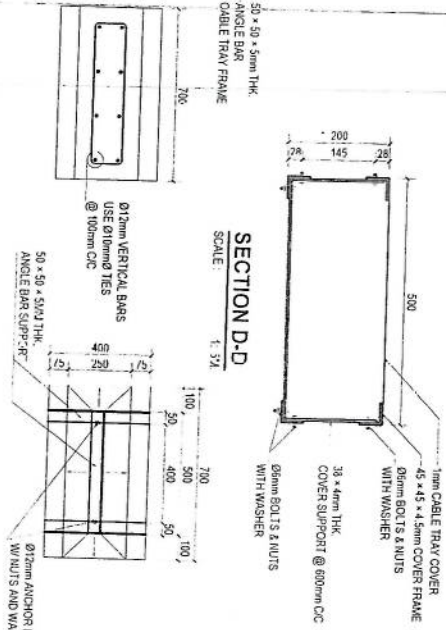
SECTION E-E
SCALE: 1:20M



HORIZONTAL CABLE TRAY ISOMETRIC VIEW
SCALE: 1:50M



SECTION D-D
SCALE: 1:30M



SECTION C-C
SCALE: 1:30M

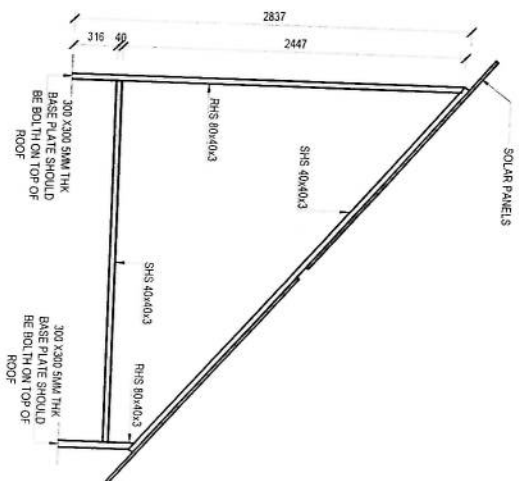


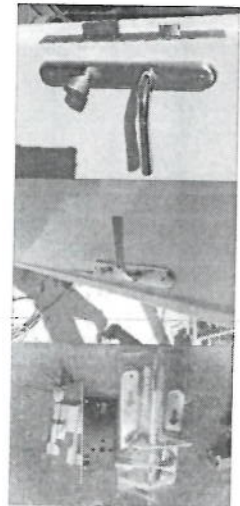
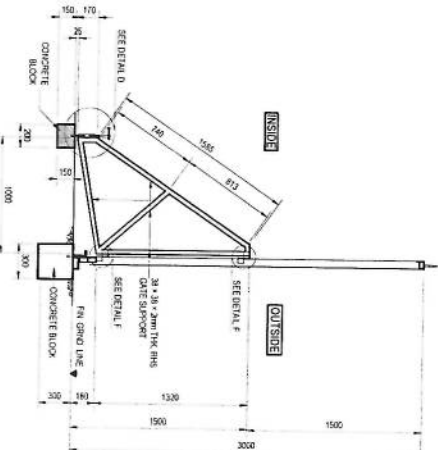
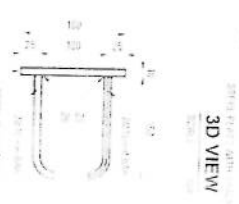
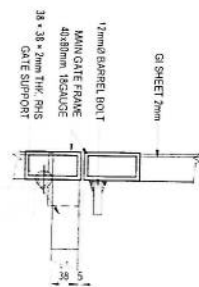
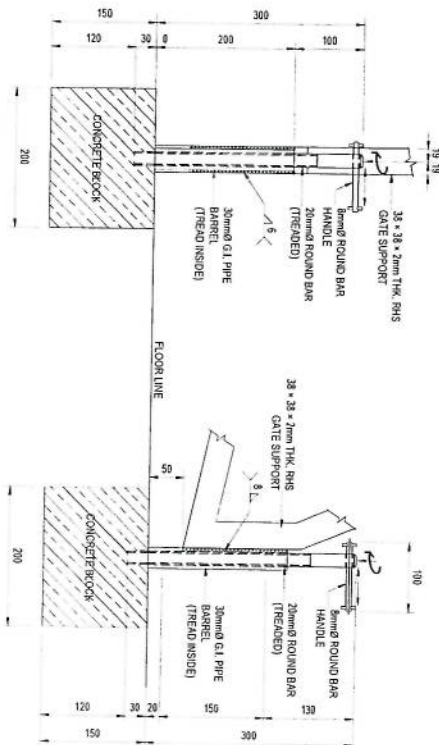
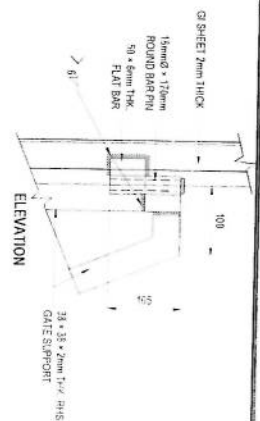
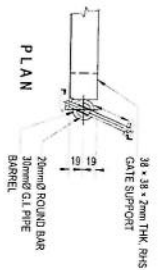
SECTION A-A
SCALE: 1:30M



SECTION B-B
SCALE: 1:30M

[Handwritten signature]

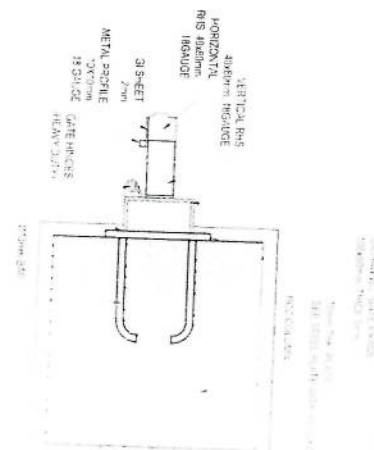




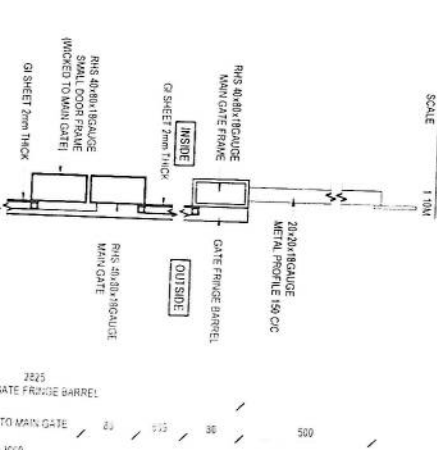
SMALL DOOR HANDLE AND LOCK PHOTOS

SCALE 1:20

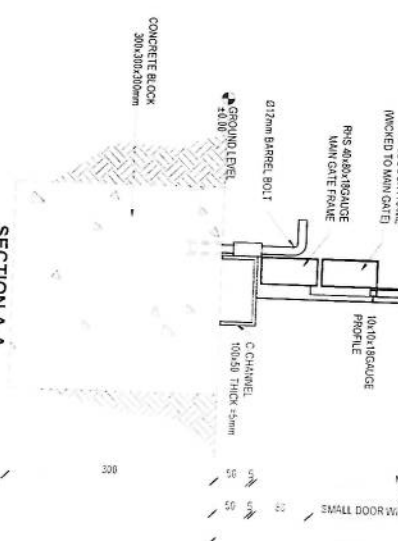
Handwritten signature and date: 10/10/10



SECTION 4



SECTION E-E
SCALE 1"=100'

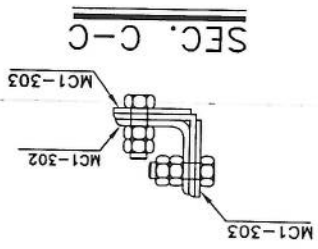
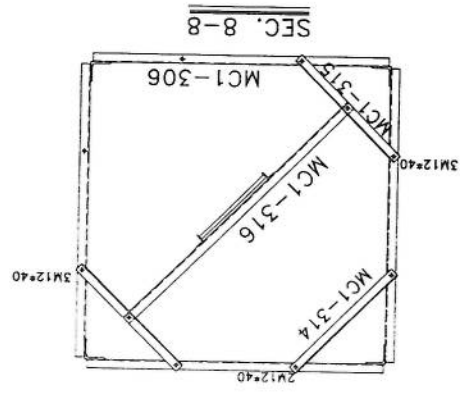
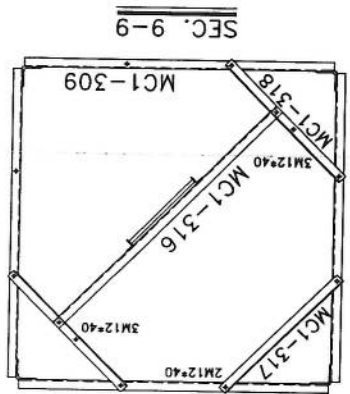
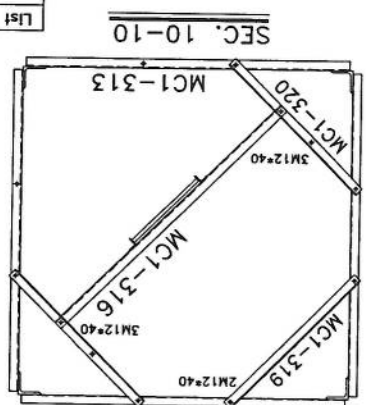
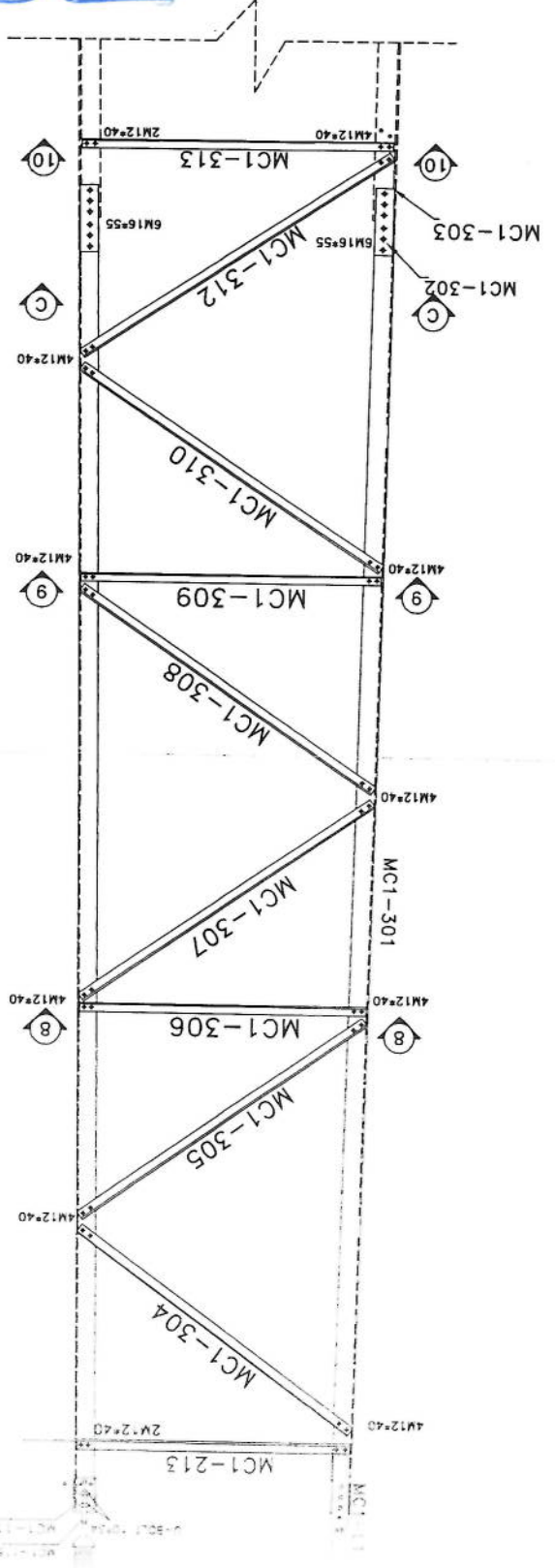


GATE PLAN
SCALE 1:75M

DETAIL 1

SECTION A-A
SCALE 1/10M

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List of Bolts - PANEL 3

Qty	Specification
168	M12x40
48	M16x55

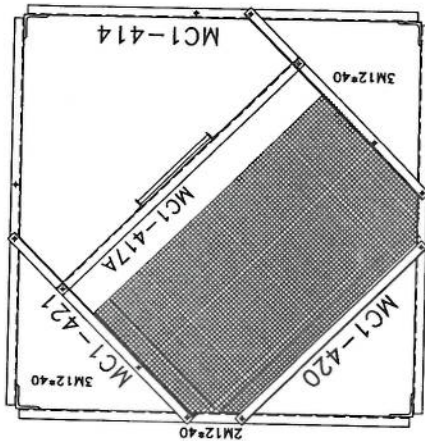
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Tower Type: TOWER NB		Title:		NB TOWER 30m		PANEL 1	
Project:		AFGHAN TELECOM		Client:			
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00		S. Ghodini		A. Solahpour	10/13/24		

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	
02	--	--	--	--	--	A.Salahshour/01/13/2024	
01	--	--	--	--	--	Date	
00	--	--	--	--	--	Description	

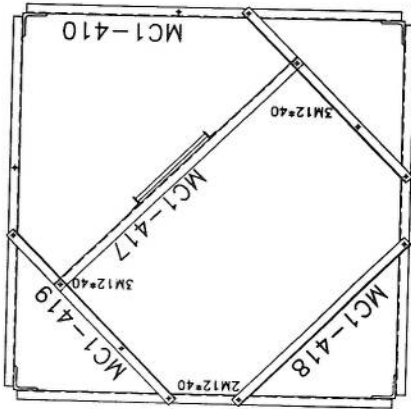
Qty	Specification
200	M12*40
64	M16*60

List Of Bolts - PANEL 4

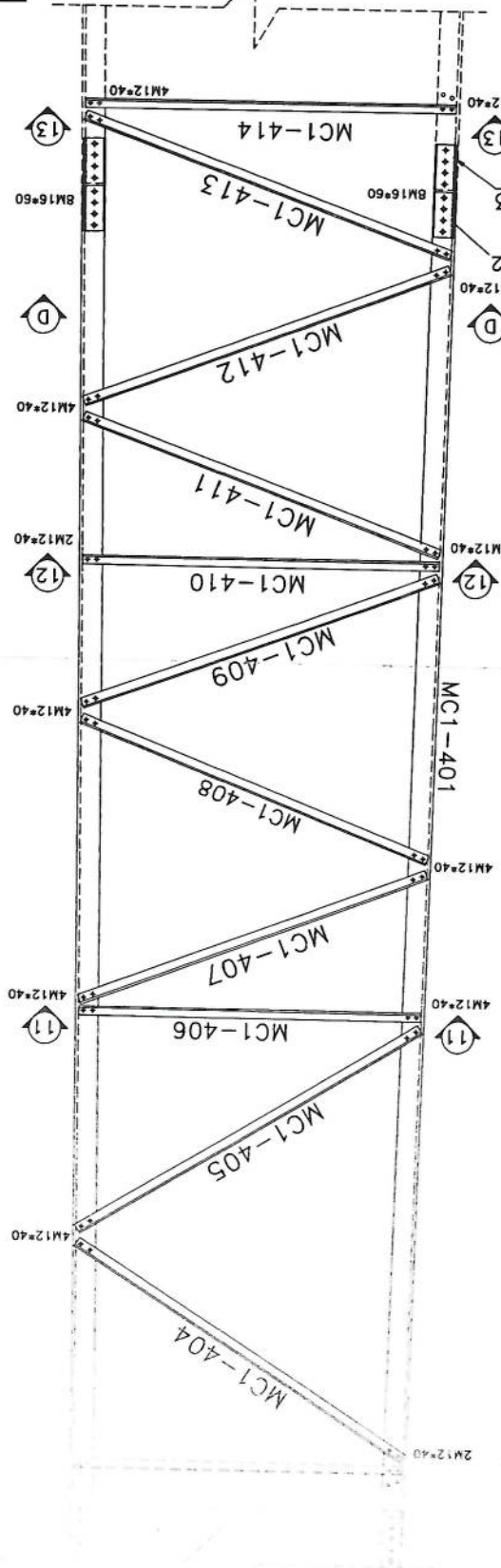
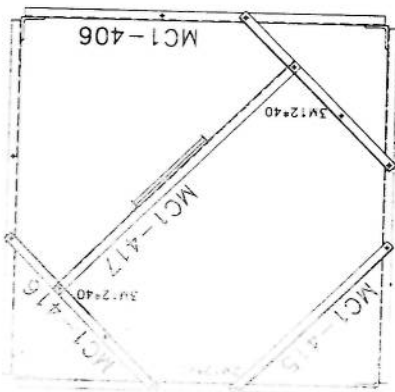
SEC. 13-13



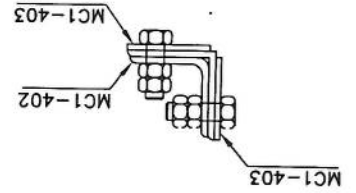
SEC. 12-12



SEC. 11-11



SEC. D-D

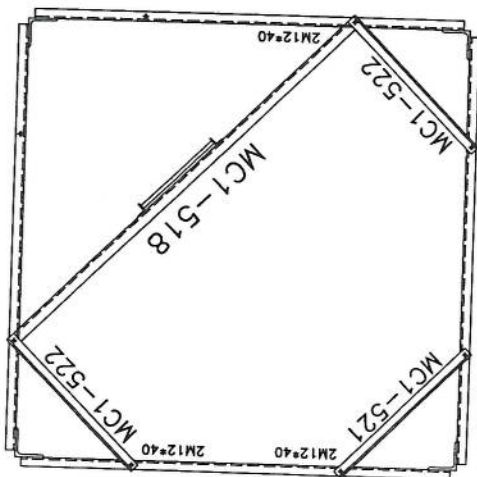


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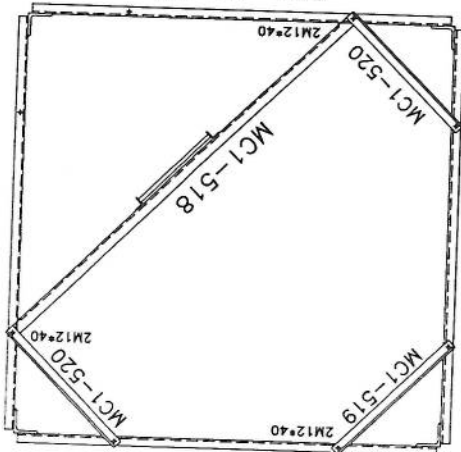
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Tower Type: TOWER NB		Title: NB TOWER 30M					
Project: AFGHAN TELECOM		Client: AFGHAN TELECOM					
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00	---	S. Ghodiri	---	A. Solahpour	10/15/24	---	
01	---	---	---	---	---	---	
02	---	---	---	---	---	---	

16	M16x60
194	M12x40
Qty	Specification
List Of Bolts - PANEL 5	

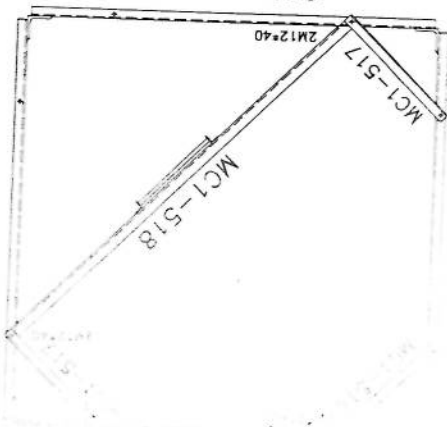
SEC. 16-16



SEC. 15-15

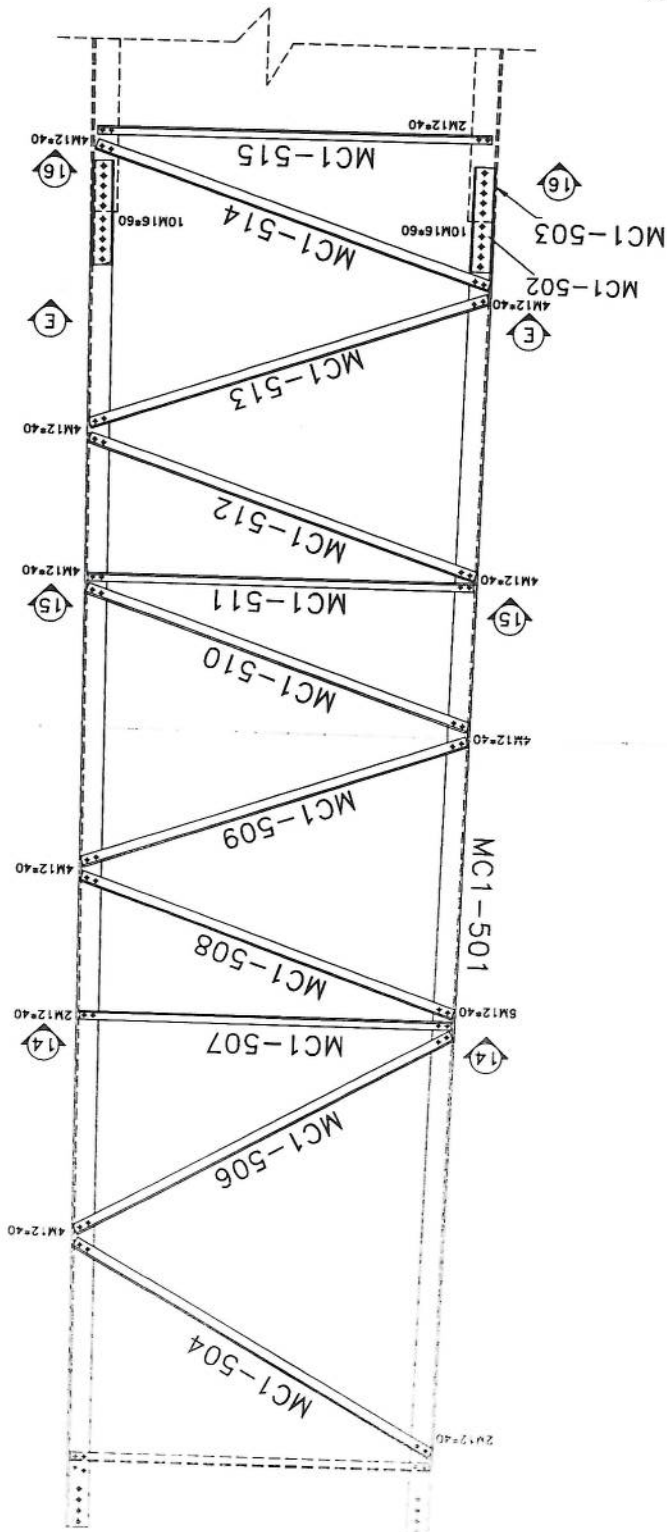
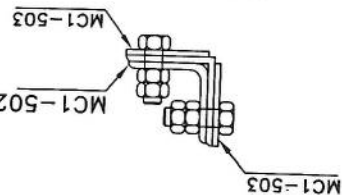


SEC. 14-14



SEC. E-E

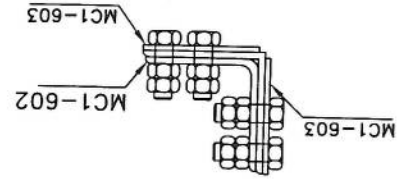
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Project No.:		Scale: 1/11		Rev. No. 00		Sheet No. 6	
Tower Type: TOWER NB		Title: NB TOWER 30M					
Project:		AFGHAN TELECOM					
Client:		A. Solahpour					
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00	--	S. Ghadiri	--	--	10/13/24	--	
01	--	--	--	--	--	--	
02	--	--	--	--	--	--	



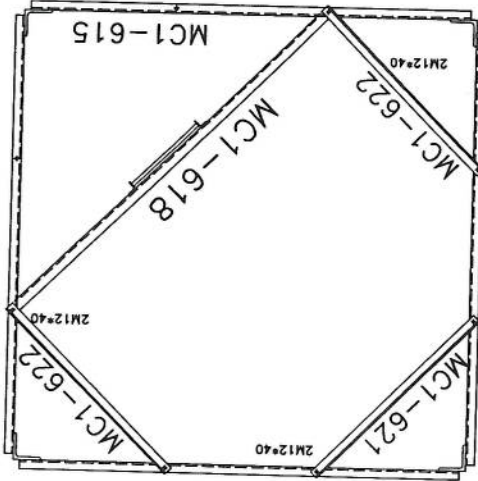
SEC. F-F



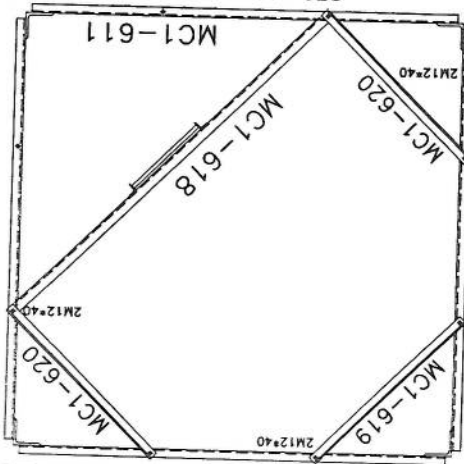
Specification	Qty
M12x40	186
M12x45	24
M16x55	96

List Of Bolts - PANEL 6

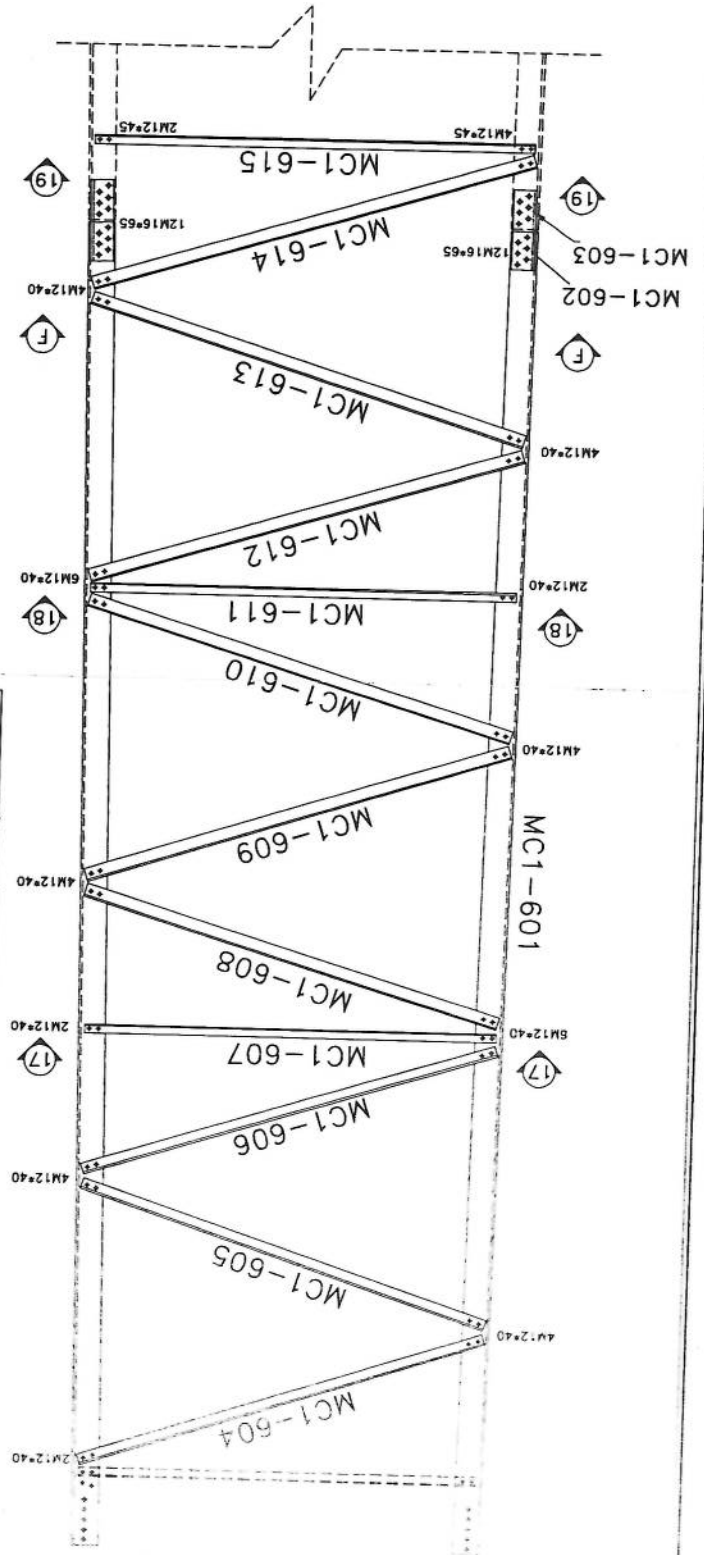
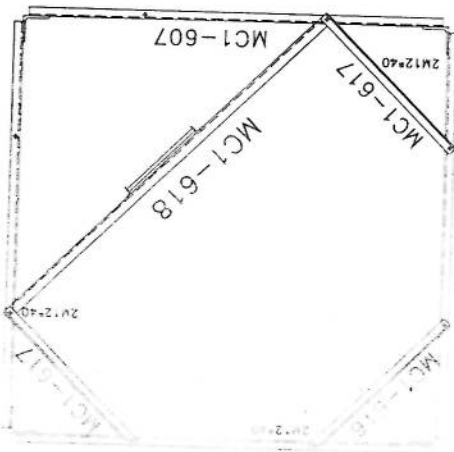
SEC. 19-19



SEC. 18-18

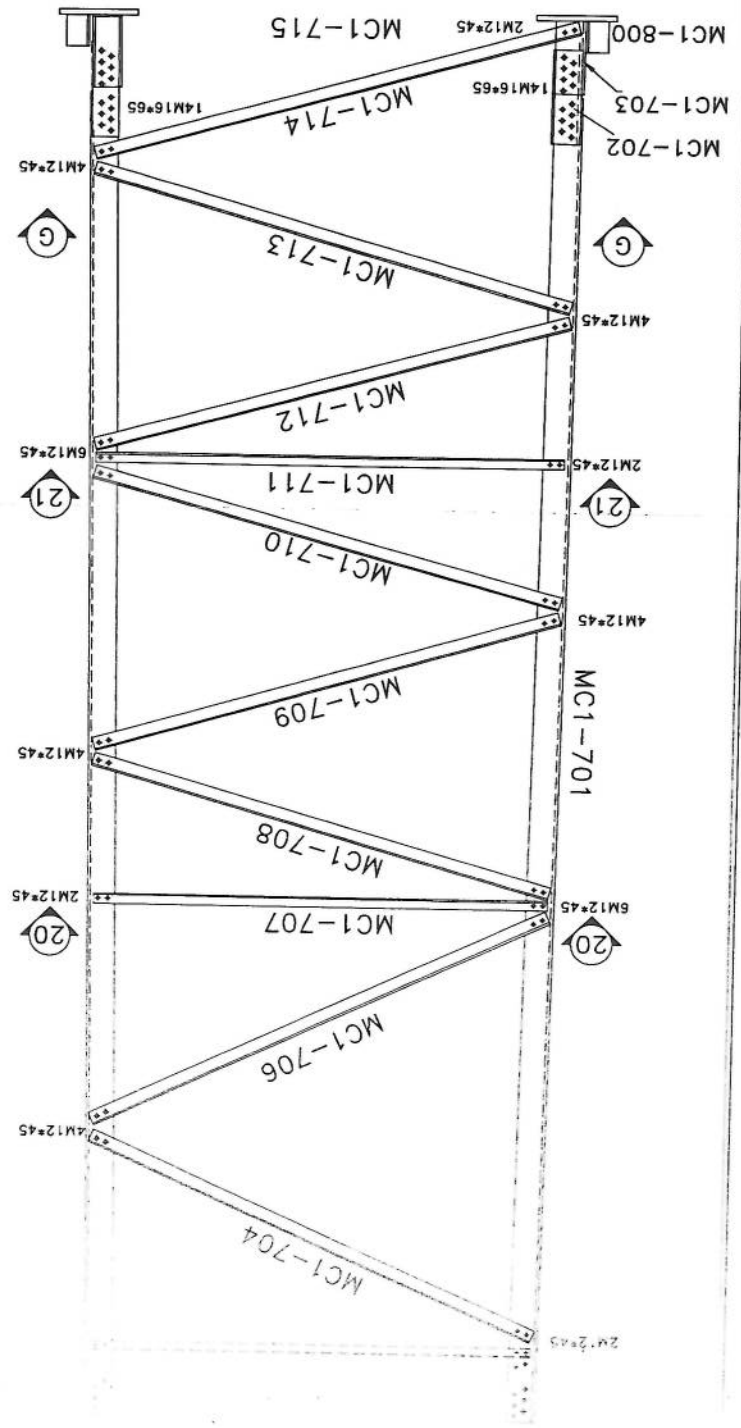
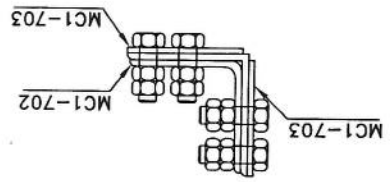


SEC. 17-17

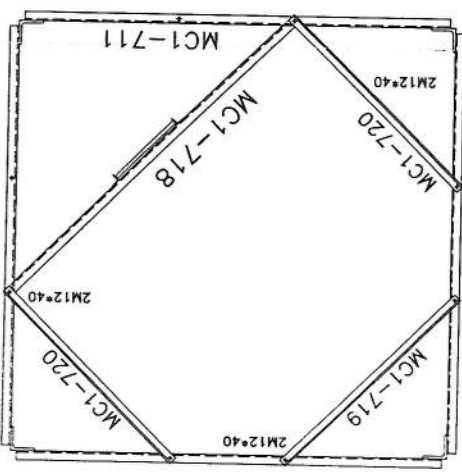


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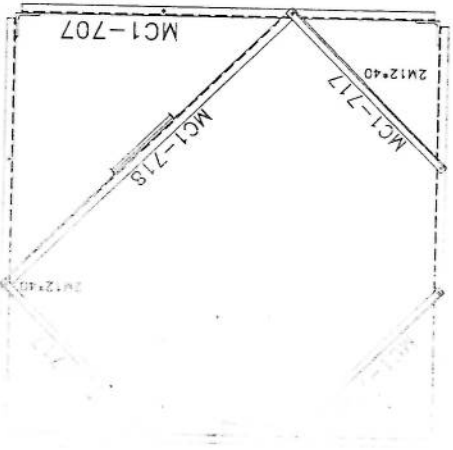
SEC. G-G



SEC. 21-21



SEC. 20-20

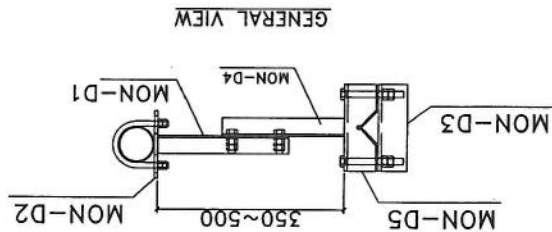


Project No.:		Scale: 1/11		Ref. No. 00		Sheet No. 5	
Tower Type: TOWER NB		Title: NB TOWER 30M		Project: AFGHAN TELECOM		Client: AFGHAN TELECOM	
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00	--	S. Ghadiri	--	A. Sidiqshour	10/15/24	--	
01	--	--	--	--	--	--	
02	--	--	--	--	--	--	

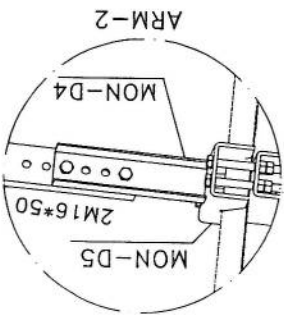
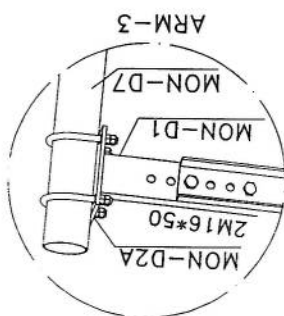
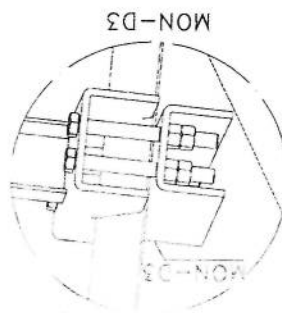
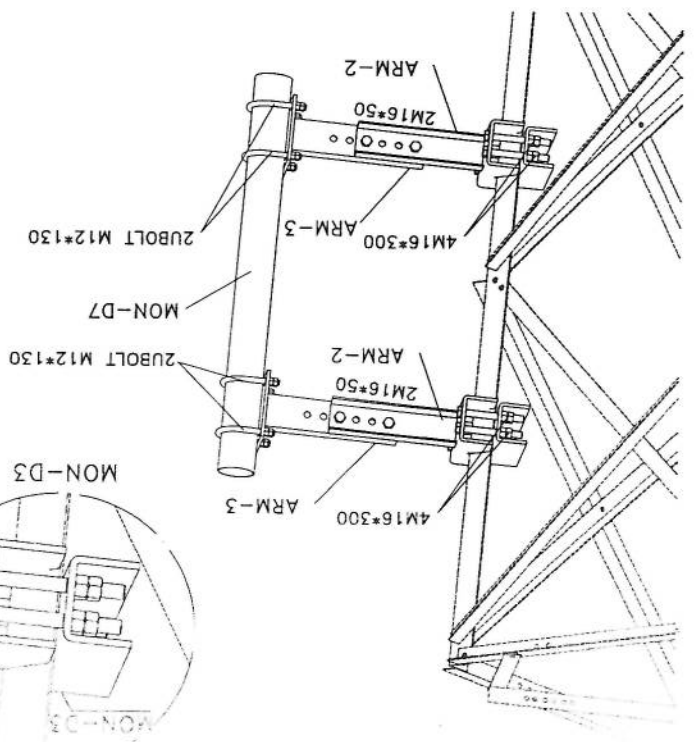
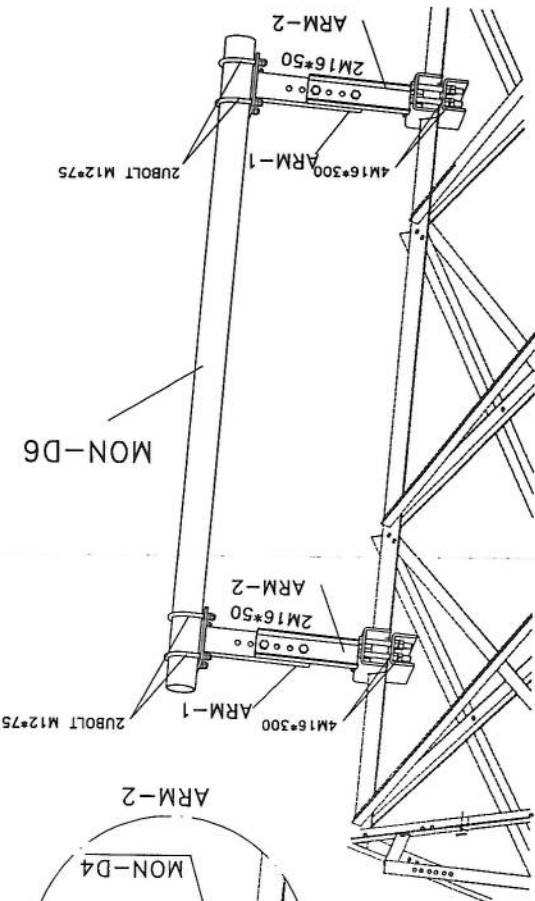
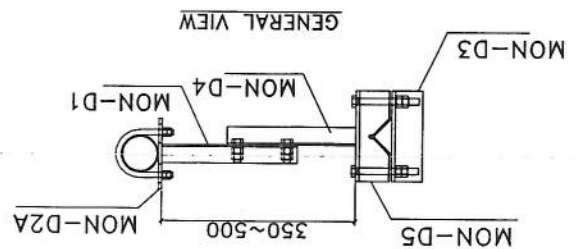
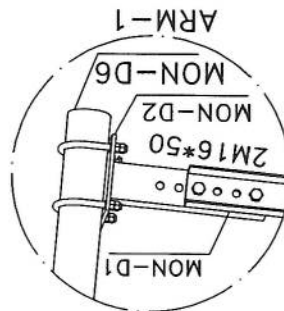
Specification	Qty
M12x40	18
M12x45	176
M16x65	112

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Project No.:		Scale: 1/11		Rev. No. 00		Sheet No. 12	
Tower Type: TOWER NB		Title : NB TOWER 30M MOUNTING					
		Project : AFGHAN TELECOM					
		Client :					
		Rev.	Design	Drawn	Checked	Approved	Date
02	--	S. Ghodini	--	A. Solchahour	01/03/11	--	
01	--	S. Ghodini	--	A. Solchahour	01/02/24	--	
00	--	S. Ghodini	--	A. Solchahour	01/13/24	--	



ASSEMBLY	POSITION	SIZE	QUANTITY
ARM-1	MON-D1	UNP80	2
ARM-2	MON-D2	PL8	2
	MON-D4	UNP80	2
	MON-D5	PL8	1
	MON-D6	PIPE60*4.3	8
	BOLT	M16*300	4
	UBOLT	M12*130	2



ARM-1	MON-D1	UNP80	2
ARM-2	MON-D2	PL8	2
	MON-D4	UNP80	2
	MON-D5	PL8	1
	MON-D6	PIPE60*4.3	8
	BOLT	M16*300	4
	UBOLT	M12*130	2

Rev.		Design		Drawn		Checked		Approved		Date		Description	
00	--	S.Ghadiri		S.Ghadiri		--		A.Salahpour		10/13/24		-	
01	--	S.Ghadiri		S.Ghadiri		--		A.Salahpour		01/02/24		-	
02	--	S.Ghadiri		S.Ghadiri		--		A.Salahpour		01/03/11		-	

Client 1		Project :		NB TOWER 30M PLATFORM 3m		Title :	
AFGHAN TELECOM							

Project No.:		Scale: 1/11		Ref. No. 00		Sheet No. 12	
Tower Type: TOWER NB							

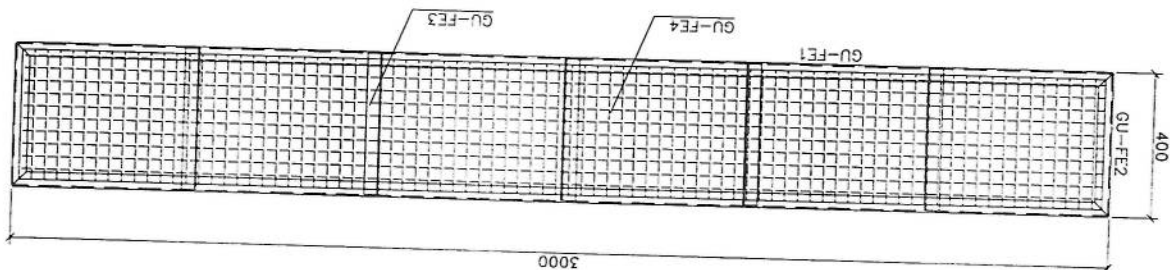
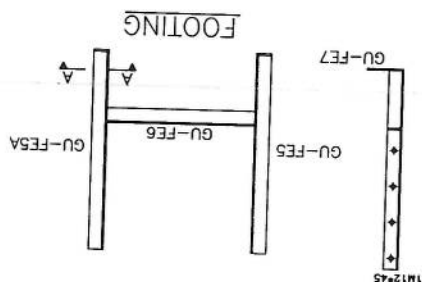
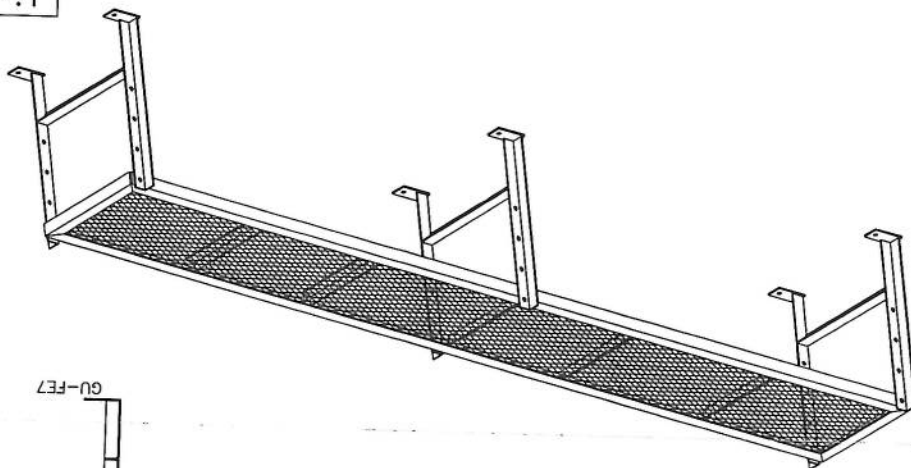
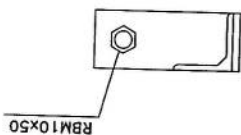


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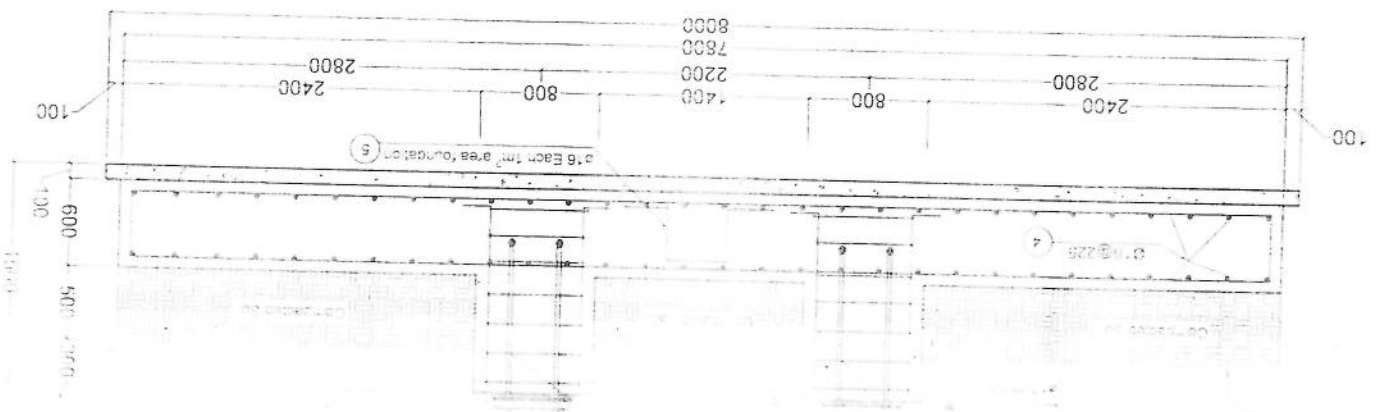
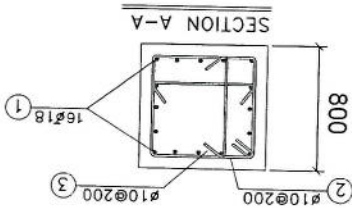
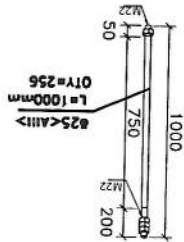
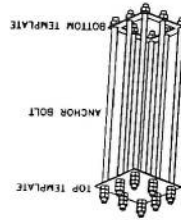
List of Bolts - LADDER		Specification		Qty	
M12*45		6		6	
RBM10x50		6		6	

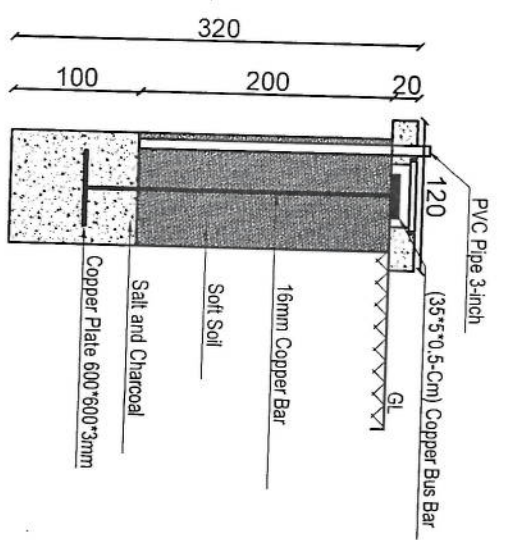
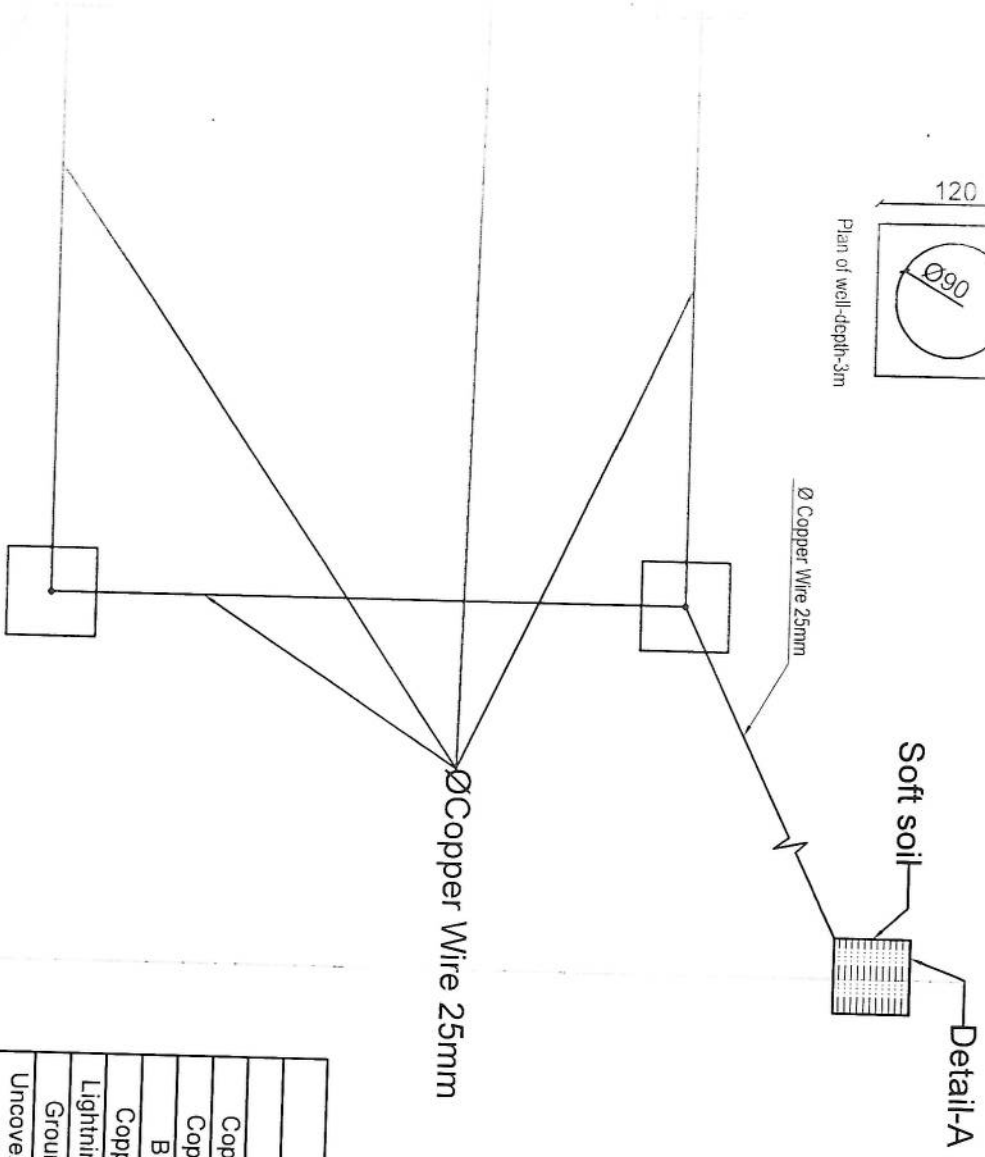
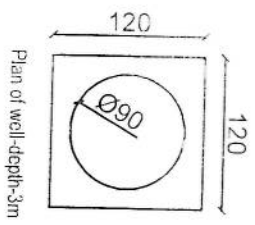
SECTION A-A



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	18	1.50	64	96	192			
2	650	10	2.8	28	79.00	49			
3	100	10	0.85	56	48.00	30			
4	250	16	8.15	140	1203	1741			
5	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 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

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

SCALE: 1:75

REVISION RECORDS		
REVISION NO	DATE	DESCRIPTION
1	14/05/2023	1st Revision

LEGEND:

PROJECT TITLE / NO.:
GSM SITES

DRAWING TITLE:
30m Tower Grounding System

DRAWN BY:
CIVIL TEAM

CHECKED BY:

APPROVED BY:

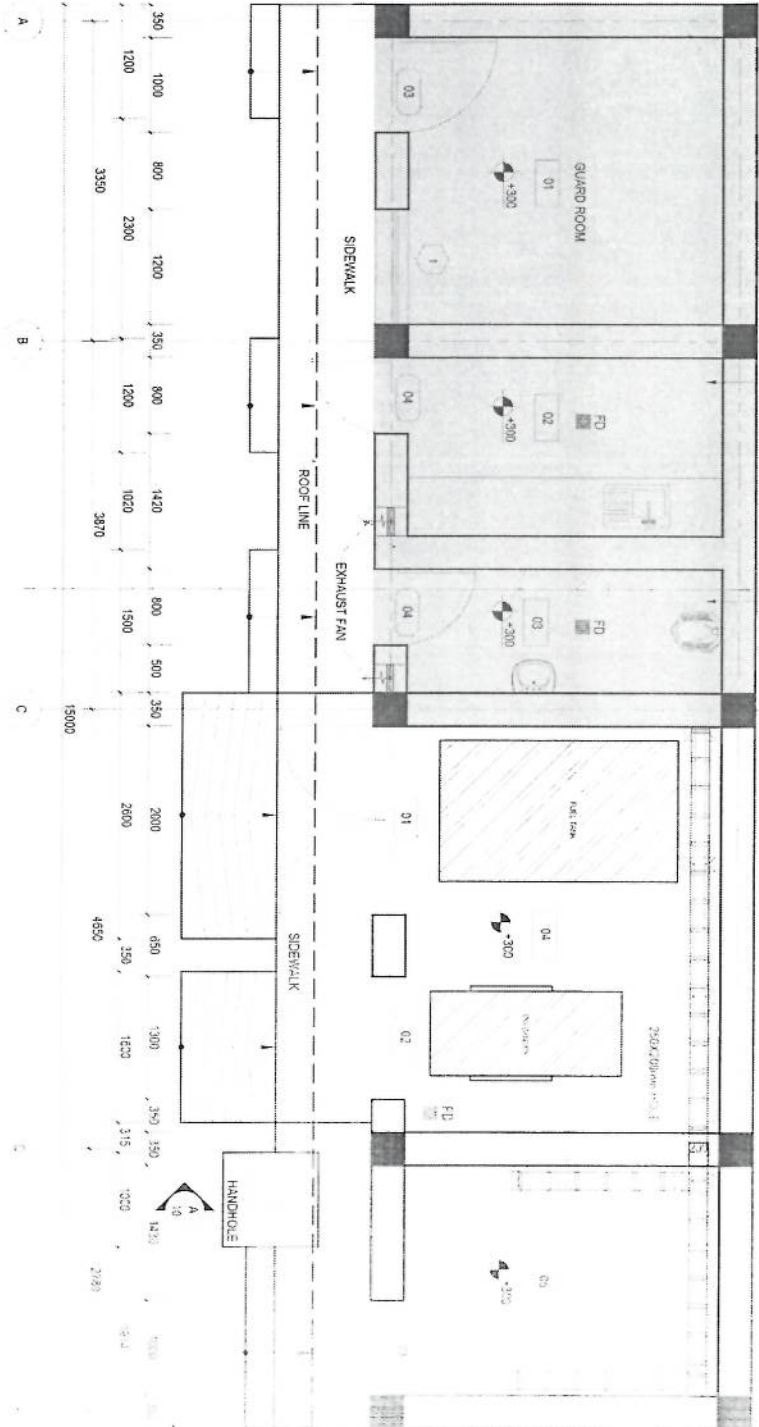
SCALE: 1:75
ACTUAL DATE: 14/05/2023
ISSUE DATE: 14/05/2023

OWNER: AFGHAN TELECOM

روی این پایه ها نصب گردد

KITCHEN TILES WORK (300X300mm)
FLOOR TILES WALL TILES UP TO
1200mm HEIGHT

TOILET TILES WORK (300X300mm)
FLOOR TILES WALL TILES UP TO
1200mm HEIGHT



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

FLOOR PLAN
SCALE
1/8"

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

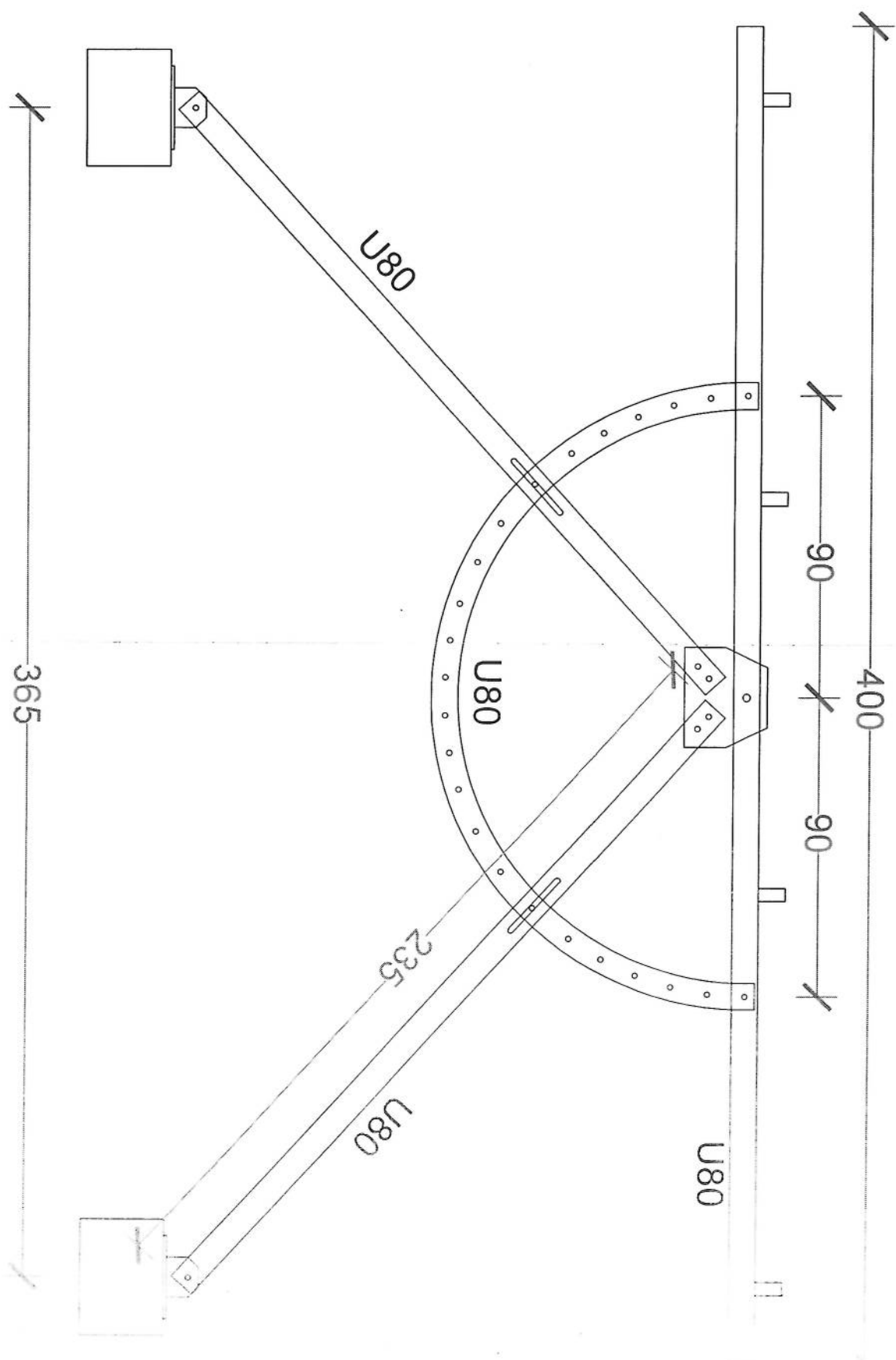
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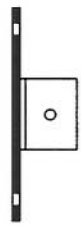
FD FLOOR DRAIN

ELEVATION

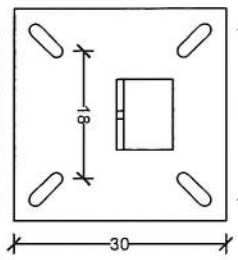
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2/11/12

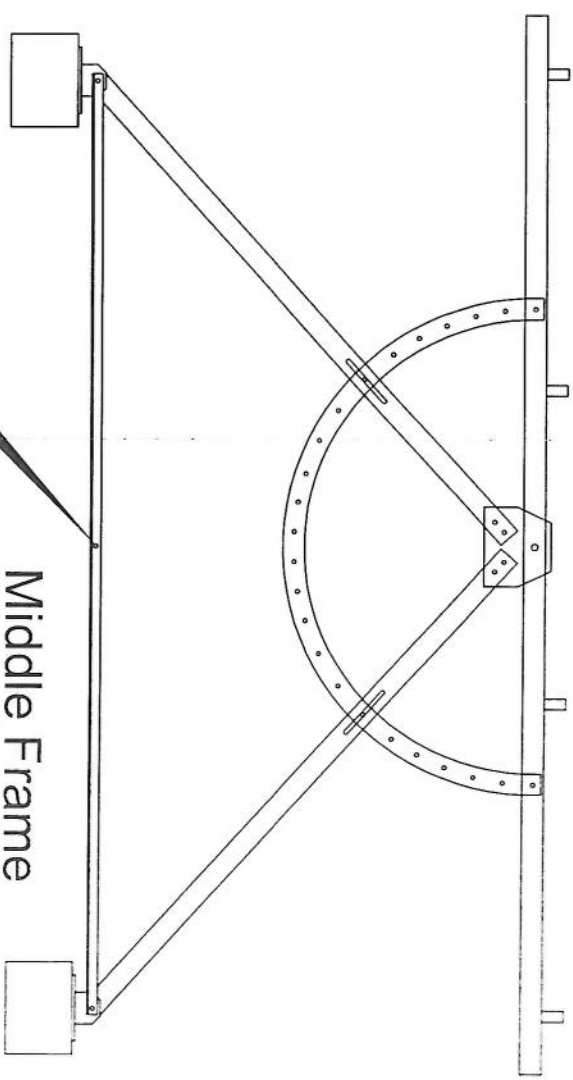




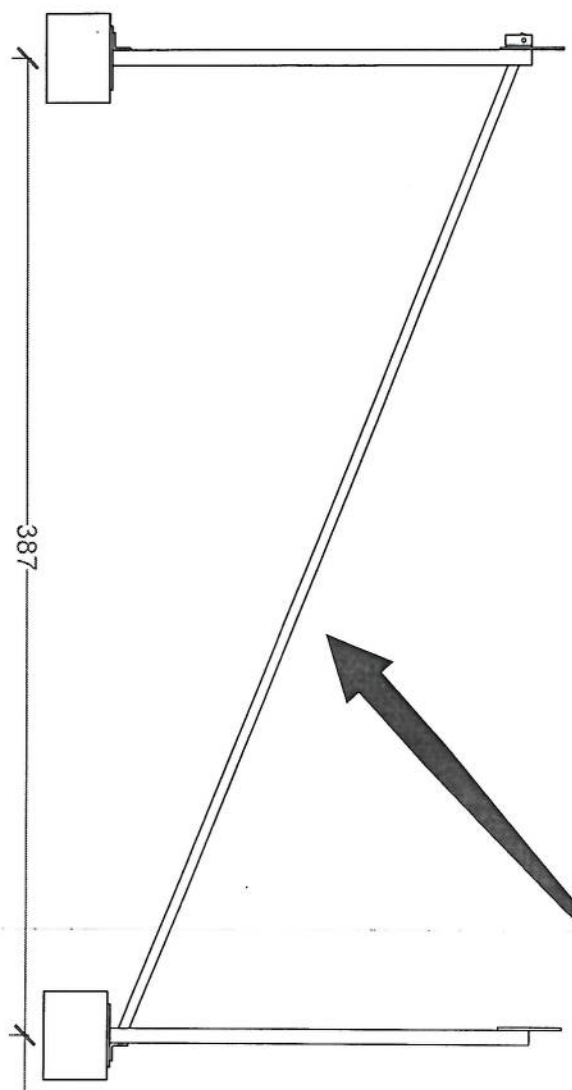
30
24



BASE PLATE (30x30)CM



Middle Frame
RIGHT ELEVATION

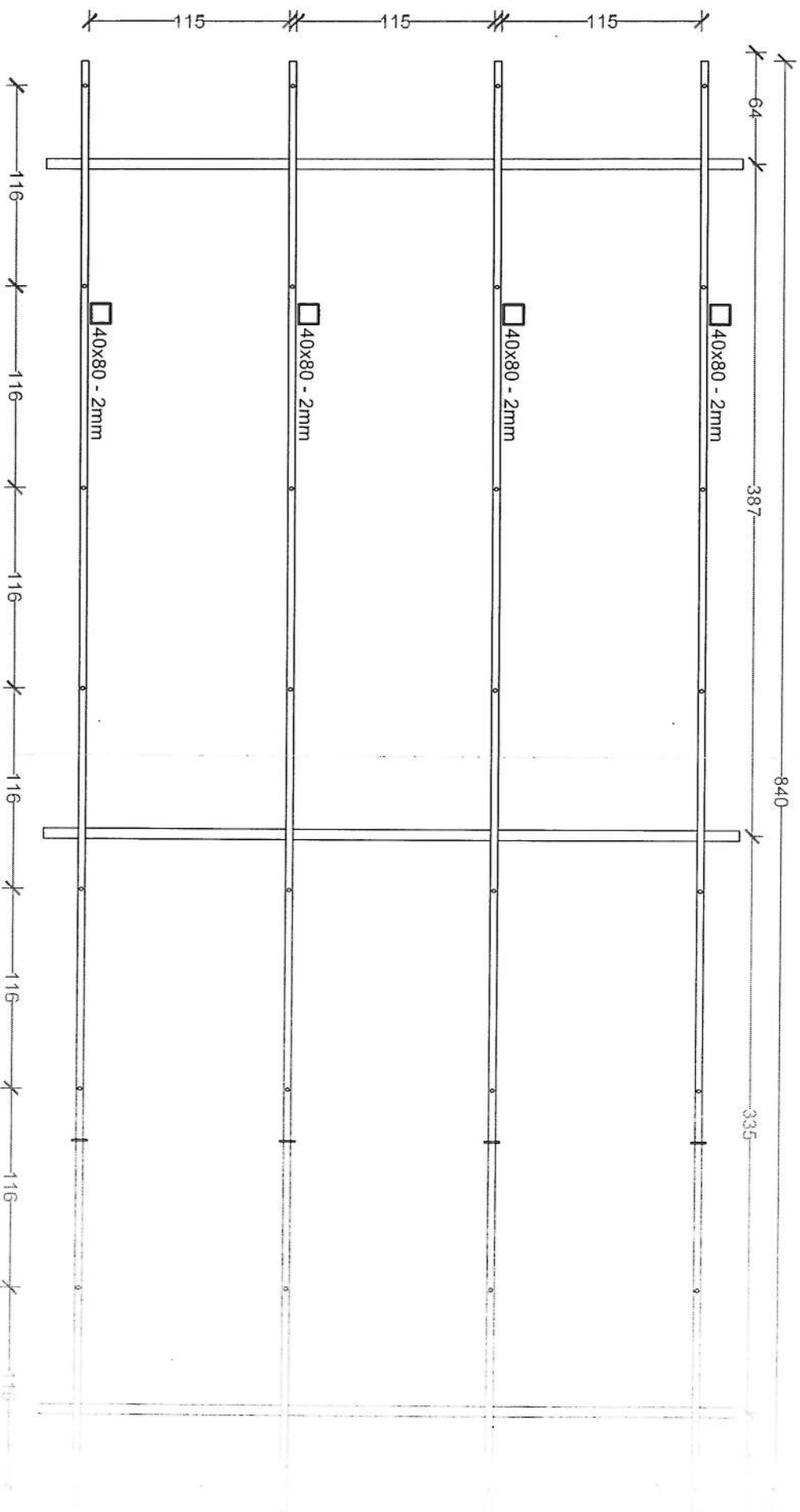


387

335

Solar Frame
ELEVATION

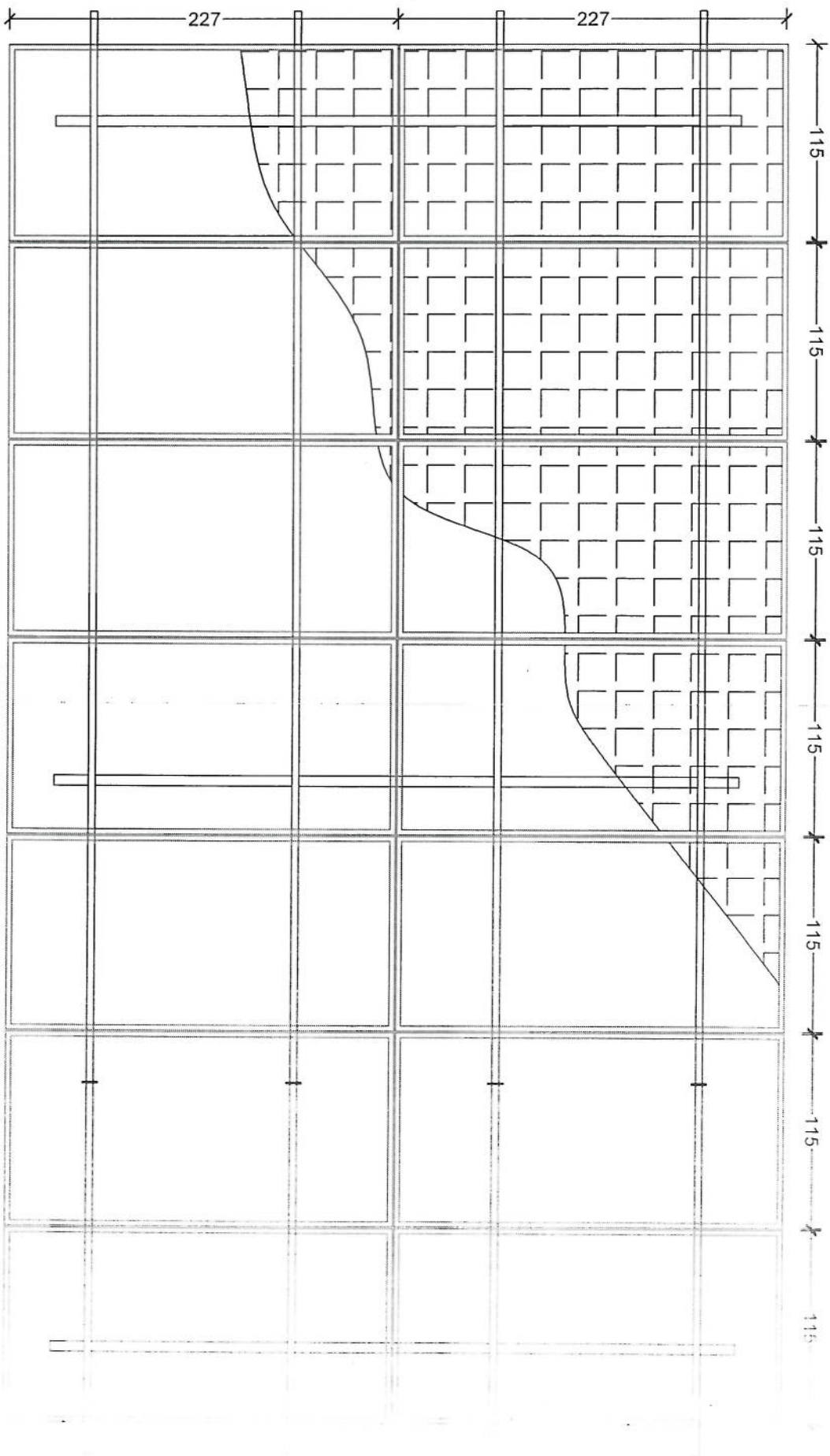
Handwritten signature



AMM 31

14 Plate Solar

Dimensions (113x227)CM



Handwritten signature or mark in blue ink.

14 Plate Solar

Dimensions (113x227)CM

Handwritten blue ink scribble or signature.

