

TSSR-TOF SS

(Handwritten signatures)

Site ID	GZ1103	1/12/1404	تاریخ سروی	
New Lat	33.3963611	New long	68.353	
Site Location Name				
Nani Village		District	Ander	Province
				Ghazni
TX connectivity data				
Front Site ID	GZ1100	New Repeater needed?		
Type of Property	Private?	Gov?	NA?	
Primary agreement with owner done?		5000 Af per month		
Property owner contact		749071094		
Contract Agreement Negotiated?				
Yes:		No:		
		Ongoing: ✓		
Site type				
RT:		GF: ✓		
Land type				
Desert level		✓		
Hill		Mountainhouse		
City		Rural		
Rocky				
Access Road available				
Yes: ✓		No:		
Access road needed				
Length "m":		Width "m":		
30m		RT		
Needed tower type				
GF		GM		
Needed tower height				
30m		✓		
Boundary wall needed				
Boundary wall length				
Guardroom needed				
Toilet/Washroom				
Wall Fence needed				
Comments about access				
road				
سری نیاز ندارد چون در بزرگی راه عمومی میباشد				
Location photo record				
General view		Panaromic (45°) 8 photos		
Access road Direction				
Surveyer details(name contact...etc				
Ahmad Khalid Zahid		BSS Technicain		
Haji Hikmat		ATRA Team Leader		
General Comments:				
این ساحه را قبلا برای شاه راه قبل قندهار نیز سروی نموده بودیم و از ساحه قبلی 300 متر فاصله دارد				

جدول سروی ساحات جدید برای سایت های انجمن

**STANDARD DRAWING
DETAILED DESIGN DRAWING**

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LIGHTNING ARRESTER

OBSTRUCTION LIGHT

30m STANDARD DUTY TOWER

CABLE TRAY WITH COVERS
AND SUPPORTS FOR OUTDOOR BVS

PERIMETER LIGHT

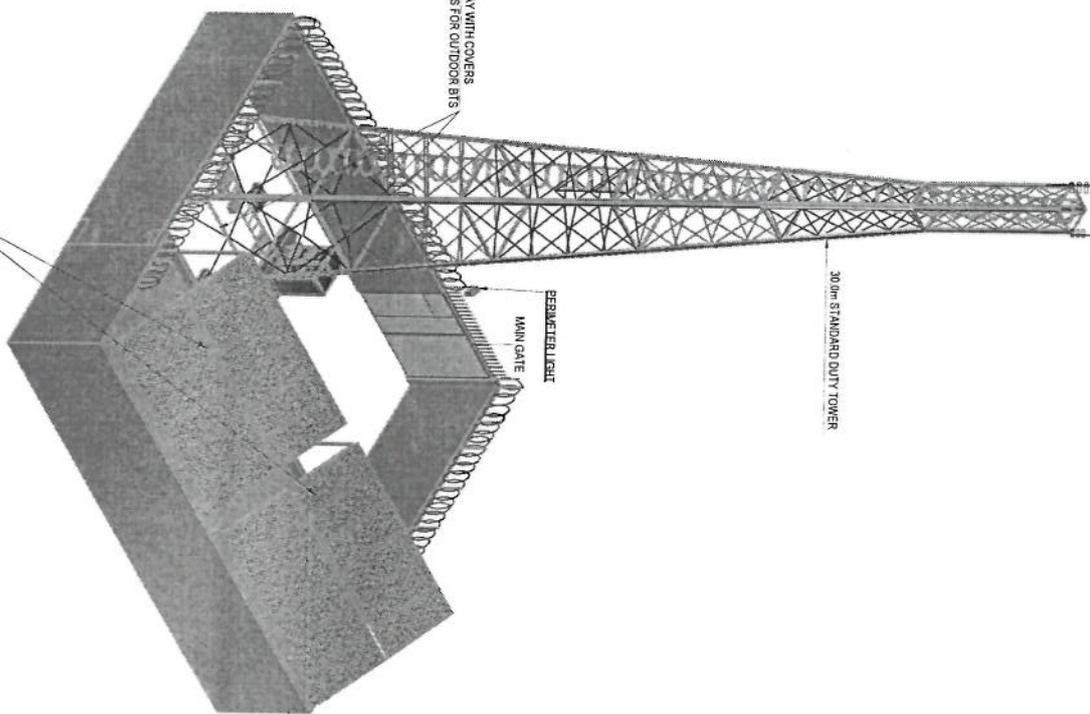
MAIN GATE

SOLAR PANELS

PERIMETER WALL

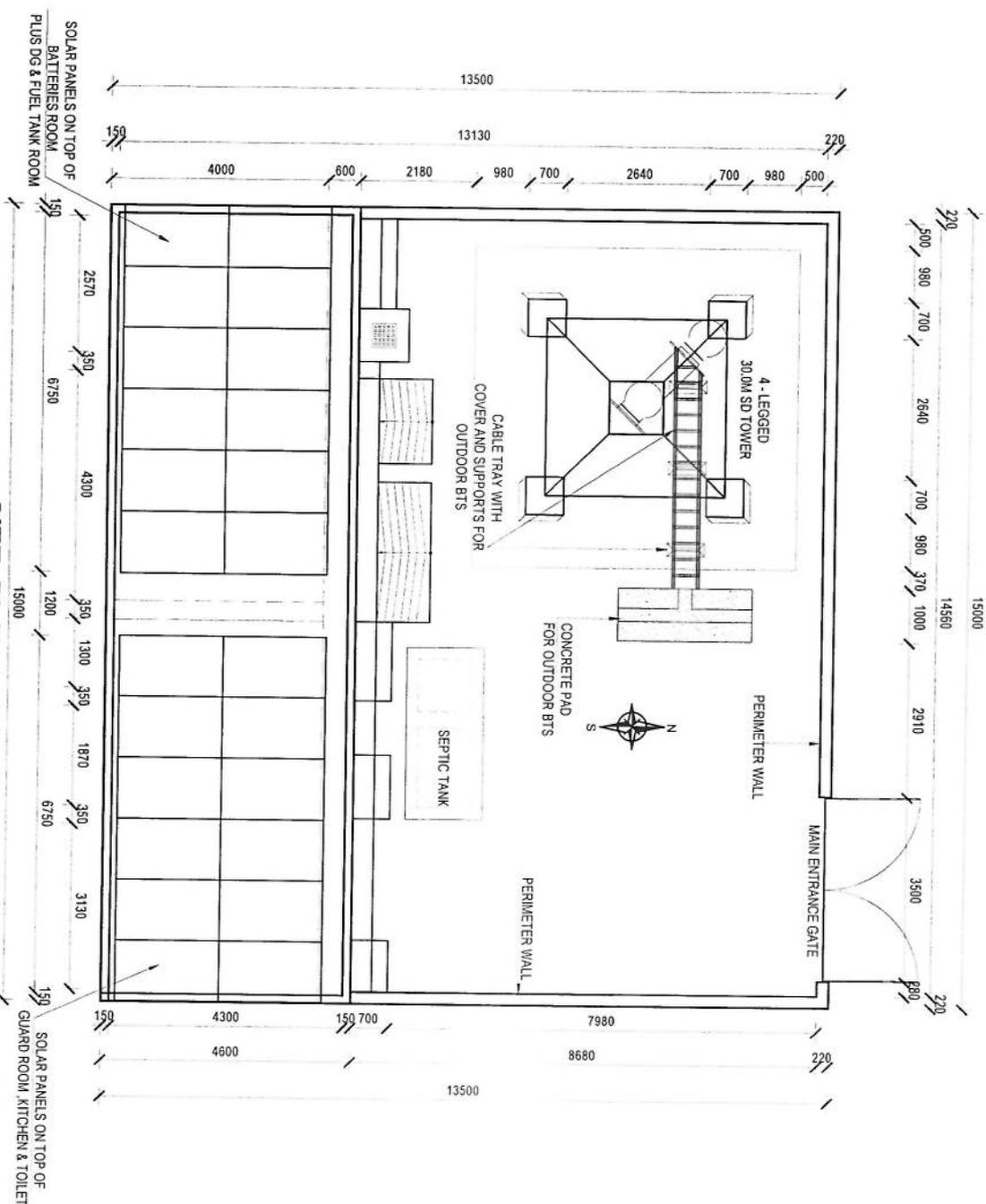
PERSPECTIVE
SCALE 1:100

TOWER HEIGHT: 30m, 30 TOWER



18	فاصله اعمار سرک سایت به شکل تکمیلی که ساحه نرم و سخت سرک ذکر گردد	د سایت لیازه سرک به عواری
19	اسم/وظیفه/شماره تماس/ ایمیل انجمن و امضاء سروی کننده شرکت مخابراتی برنده پروژه داوطلبی	د افغان تیلی کام مخابراتی شرکت مجری واپرز سید محمد اسحاقی (مساح)
20	اسم نماینده ولایتی و زون اترا، شماره تماس، ایمیل، امضاء مهر، تاریخ	ایمیل: info@afghan-telecom.af ار یکی شماره: 0748303099 حاجی عبدالجماع (حکمت) د غزنی ولایت مجری
21	اسم نماینده زون اترا، شماره تماس، ایمیل، امضاء مهر، تاریخ	ایمیل: info@afghan-telecom.af ار یکی شماره: 0792533333
22	طبق شرایط مندرج قرارداد ۳۰ متر تاور سیلف سپورتنی ضرورت است ولی شرکت بنده چند متر تهیه مینماید؟	۳۰ متره سیلف سپورتنی تاور به نصب کوی
23	اسم نماینده ریاست مخابرات، امضاء، مهر، تاریخ	انجنیر محمد اصف (قاضي زاده) غزنی ولایت مخابراتو او معلوماتی تکنالوجی امر ار یکی شماره: 0798013078
24	یا امضاء نیم اعزامی از اداره اترا به محل مربوطه جهت انجام سروی محل شامل قرارداد یا محل نوم که به تعدیل نیاز دارد	

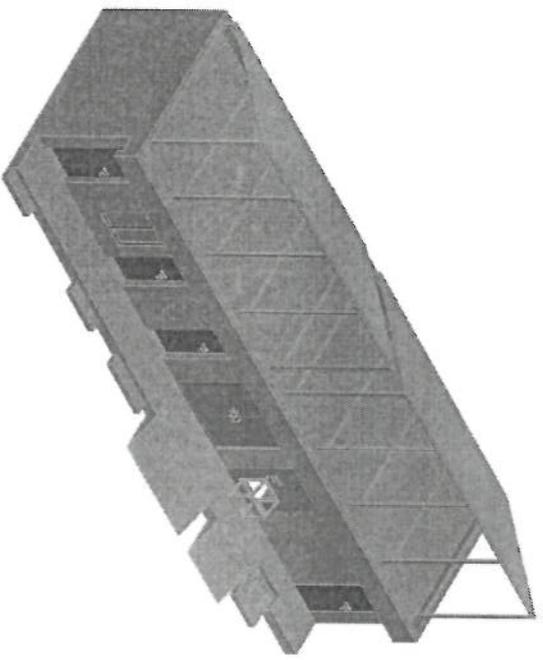
نویت: اصل فارم سروی انجام شده به ریاست پلان و انکشاف ارسال میگردد و کاپی های رنگین آن نزد ریاست مخابرات/نماینده ولایتی/امریت زون اترا، شرکت مخابراتی و شرکت TTSP برنده میباشد. قابل تذکر است هرگاه حین سروی تشخیص گردد که ساحه شامل پلان تحت پوشش خدمات مخابراتی قرار دازد، ریاست مخابرات و نماینده گان ولایتی/زون اترا پیشنهاد خویش را جهت منظوری تعدیل محل سایت با آرایه دلایل قانع کننده به اداره اترا ارسال دارند و قبل از منظوری تعدیل محل سایت، سروی سایت انجام نمی گردد و در تعیین محل سایت هیچ کس حق سوء استفاده را ندارد، سایت در ساحه باید سروی/اعمال/فعال گردد که از آن محل زیاد نفوس و ساحات روستایی تحت پوشش خدمات مخابراتی قرار گیرد، در صورت تخلف از شرایط قرارداد یا متخلفین برخورد قانونی صورت میگیرد، خاطر نشان میگردد که نظارت از تطبیق پروژه یکی از مسوولیت های ریاست های مخابرات و امریت های زون اداره اترا میباشد.



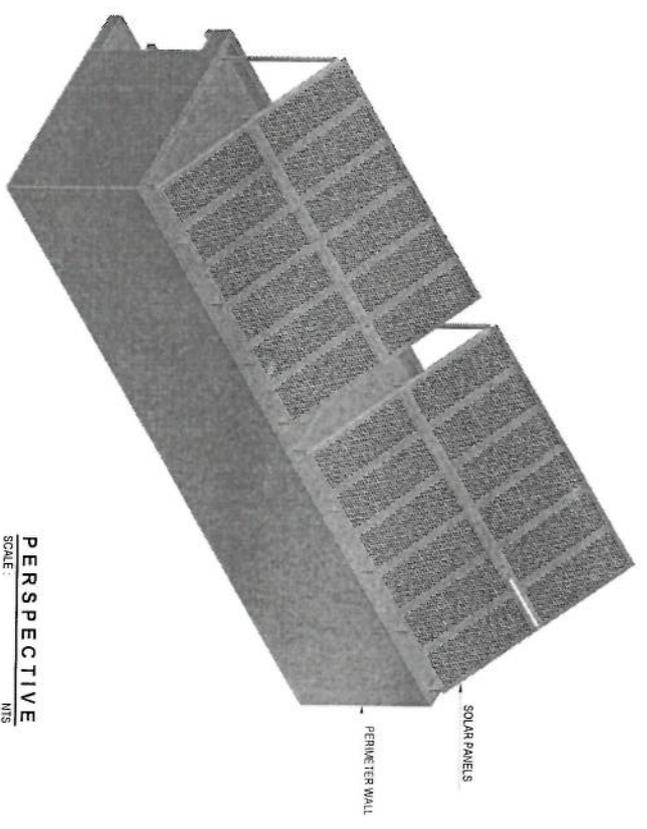
SITE PLAN
SCALE: 1:150M.

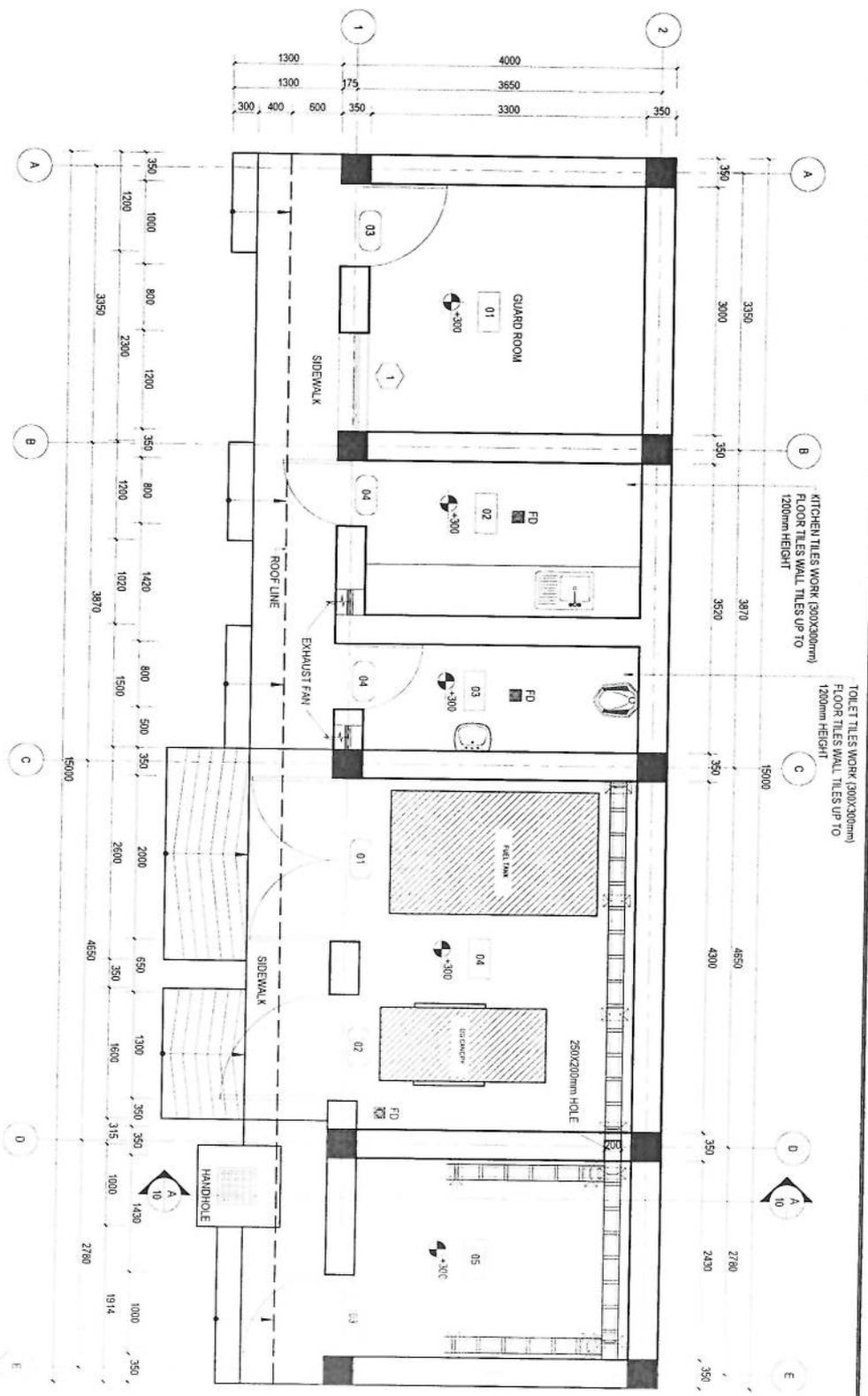


NAME



PERSPECTIVE
SCALE: 1/8" = 1'-0"
N/S





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

FLOOR PLAN
SCALE: 1:80

HATCH LEGEND

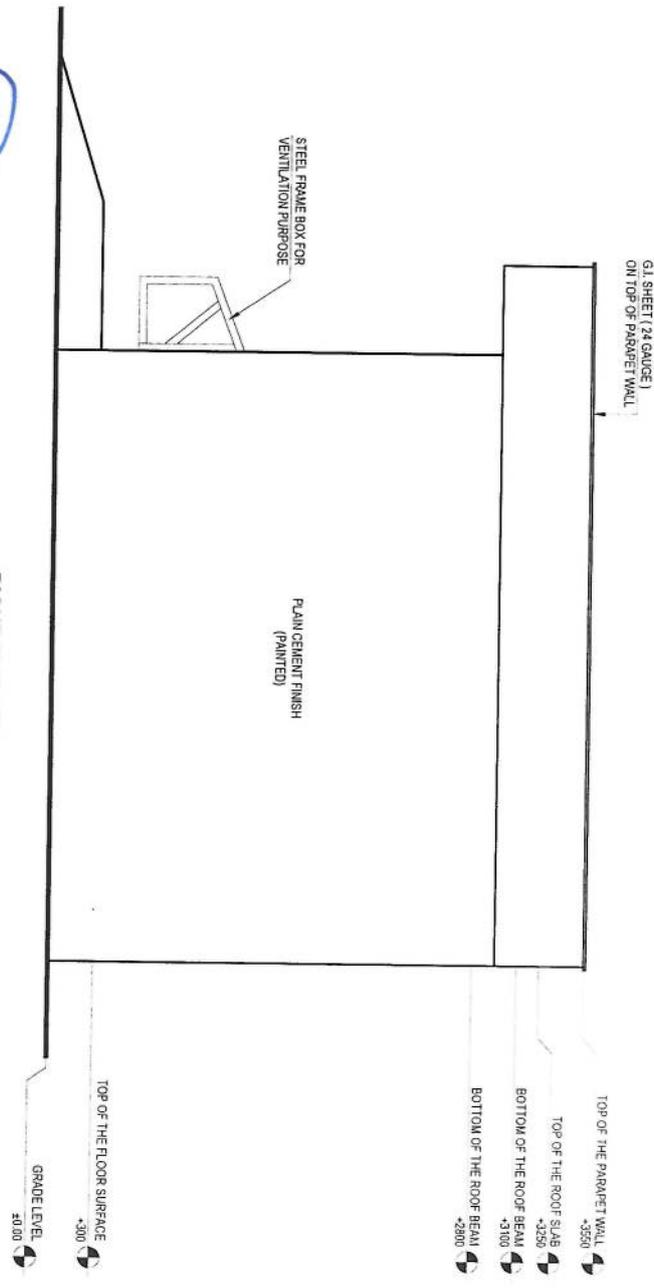
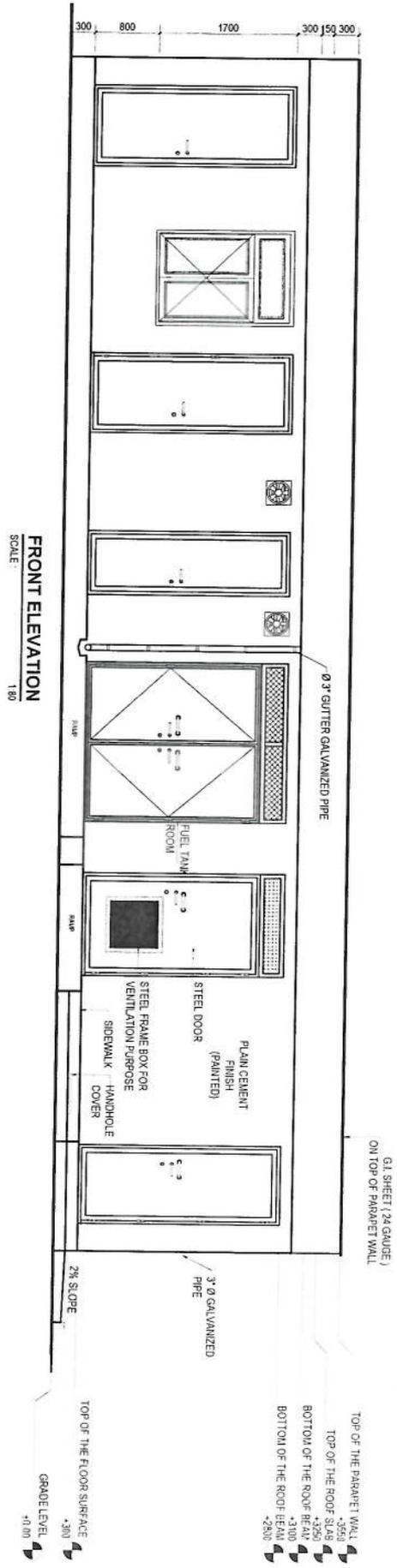
- PLAIN CONCRETE CEMENT
- BRICK WORK
- OVERHEAD STRUCTURE
- REINFORCEMENT COLUMN

ROOM LEGEND

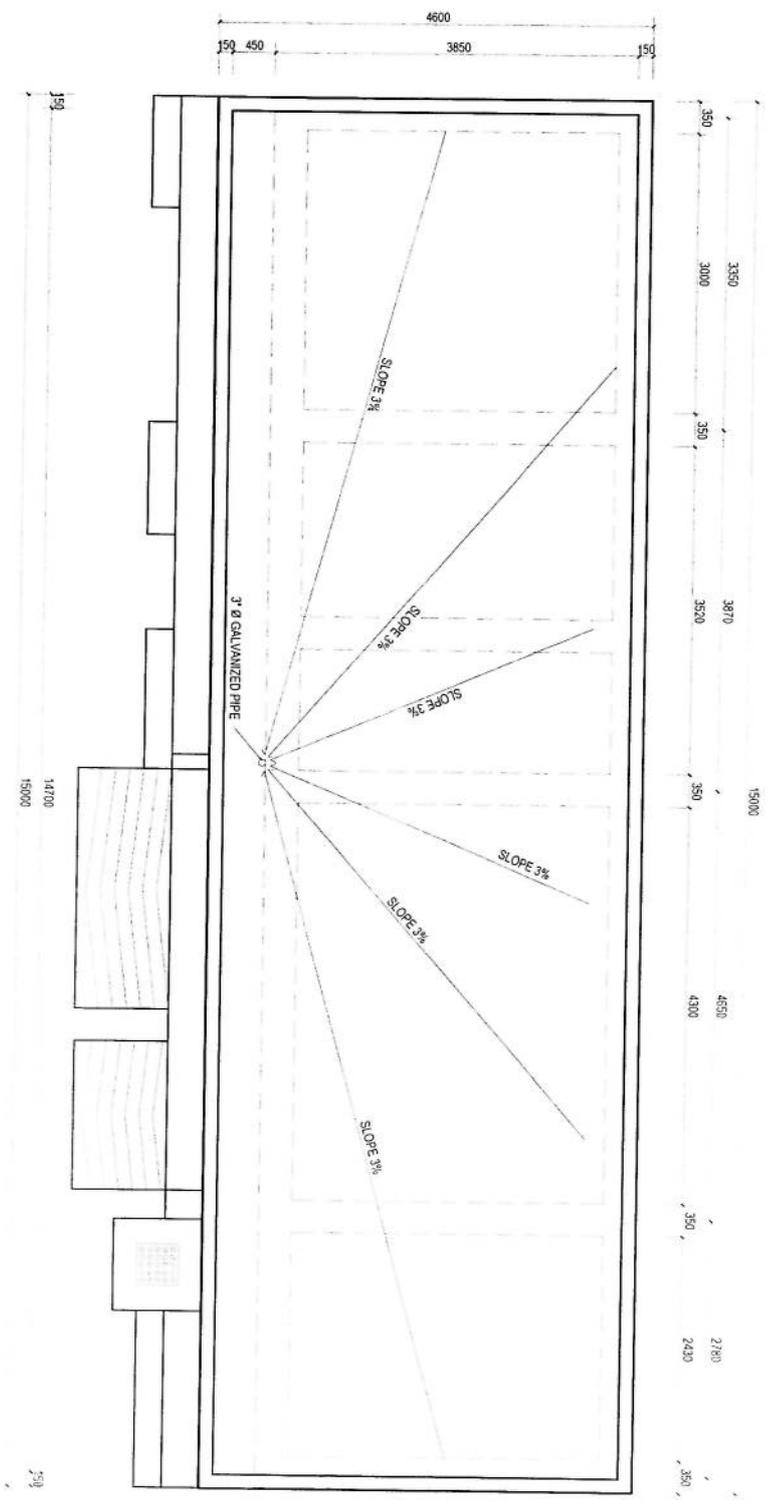
- 01 GUARD ROOM
- 02 KITCHEN
- 03 TOILET
- 04 FUEL TANK AND DG ROOM
- 05 BATTERIES ROOM

- DW DOWN
- FD FLOOR DRAIN
- ELEVATION

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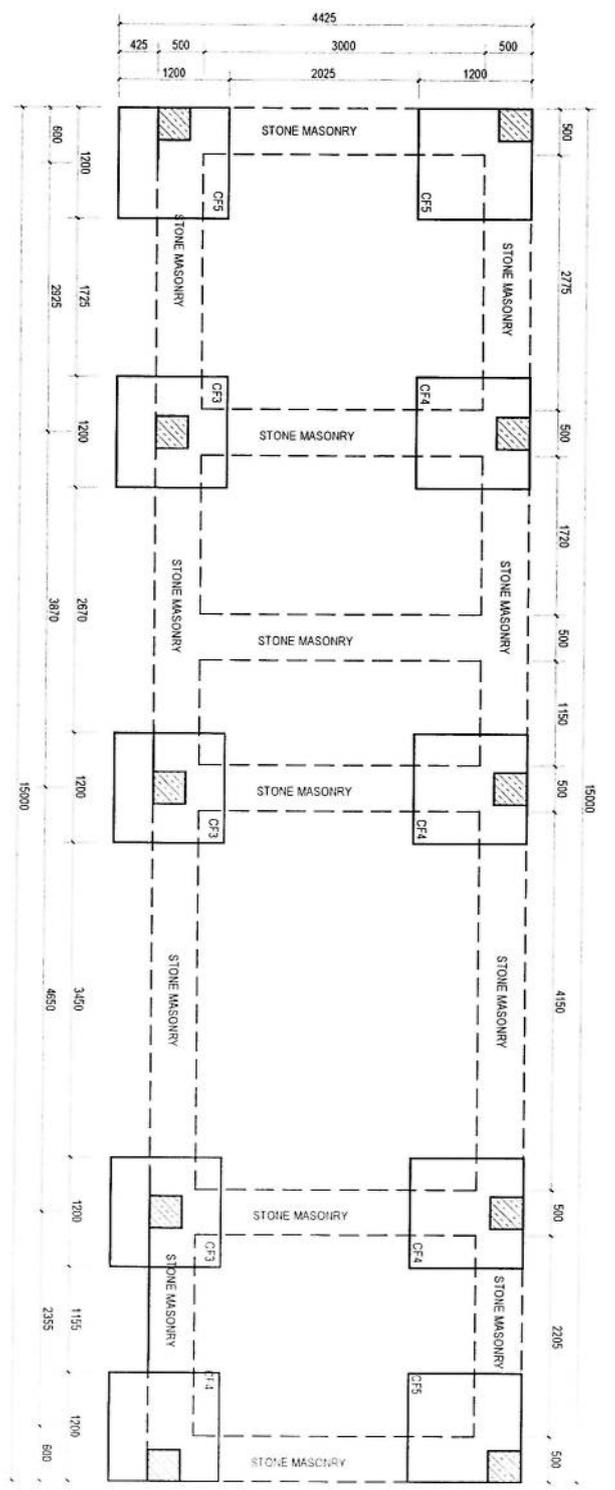
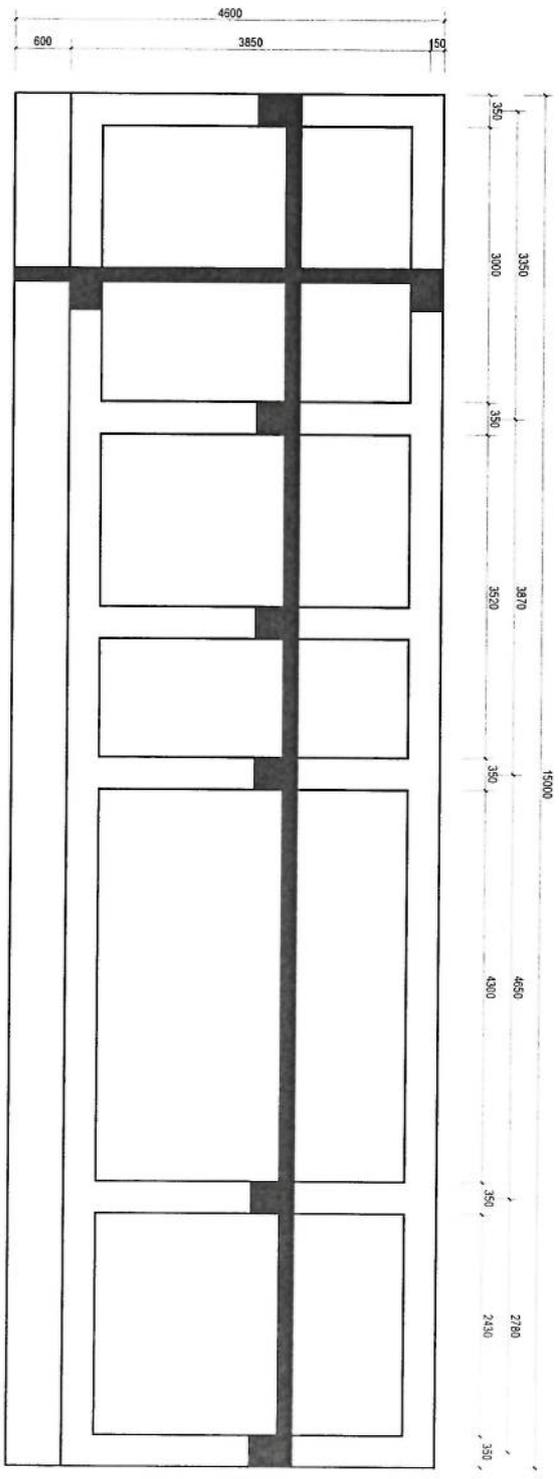


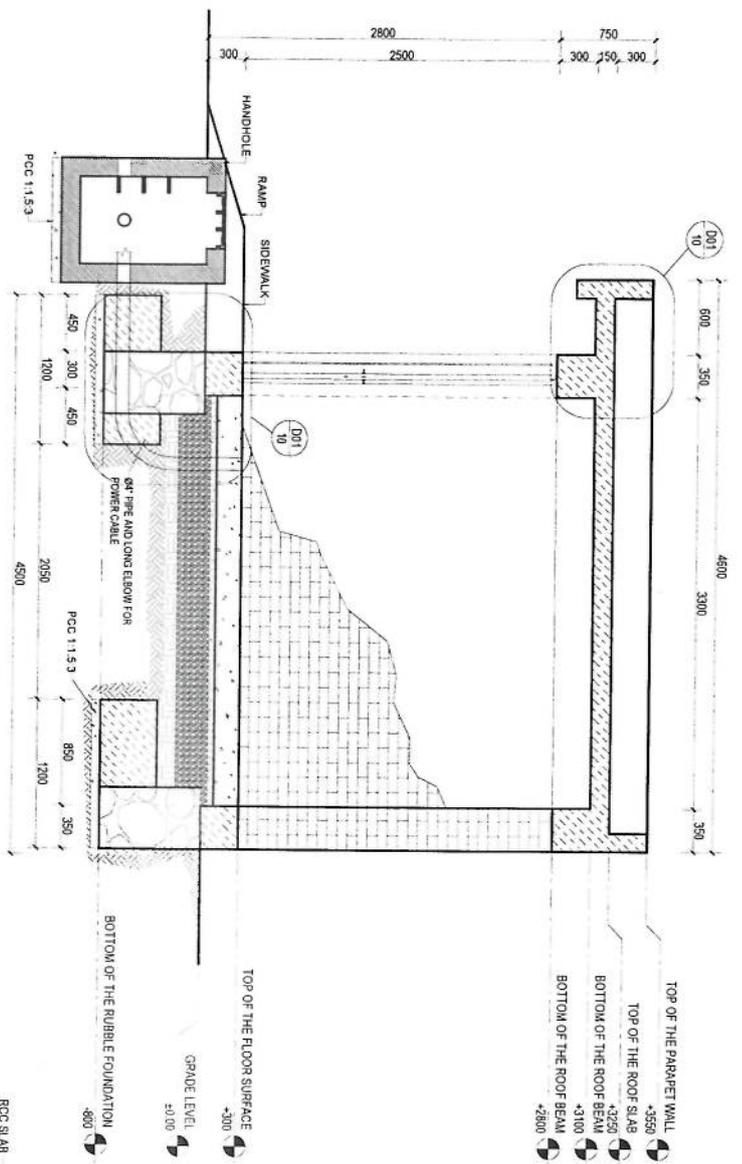
ROOF PLAN
SCALE 1:80

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

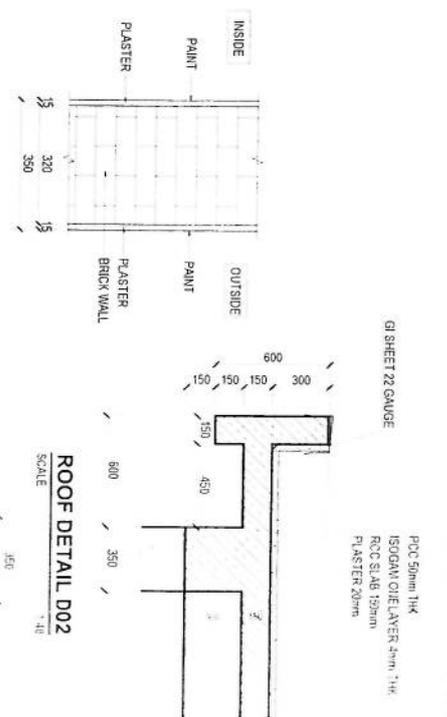
Handwritten signature or initials in blue ink.

Handwritten signature





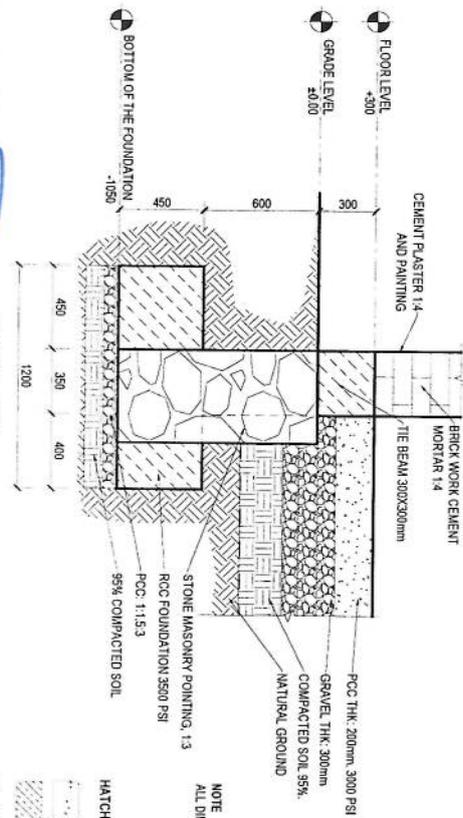
SECTION H-H
SCALE: 1:80



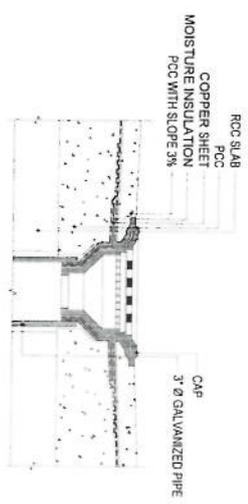
WALL DETAIL
SCALE: 1:20

ROOF DETAIL D02
SCALE: 1:40

ROOF DETAIL D02
SCALE: 1:30



DETAIL D01
SCALE: 1:40



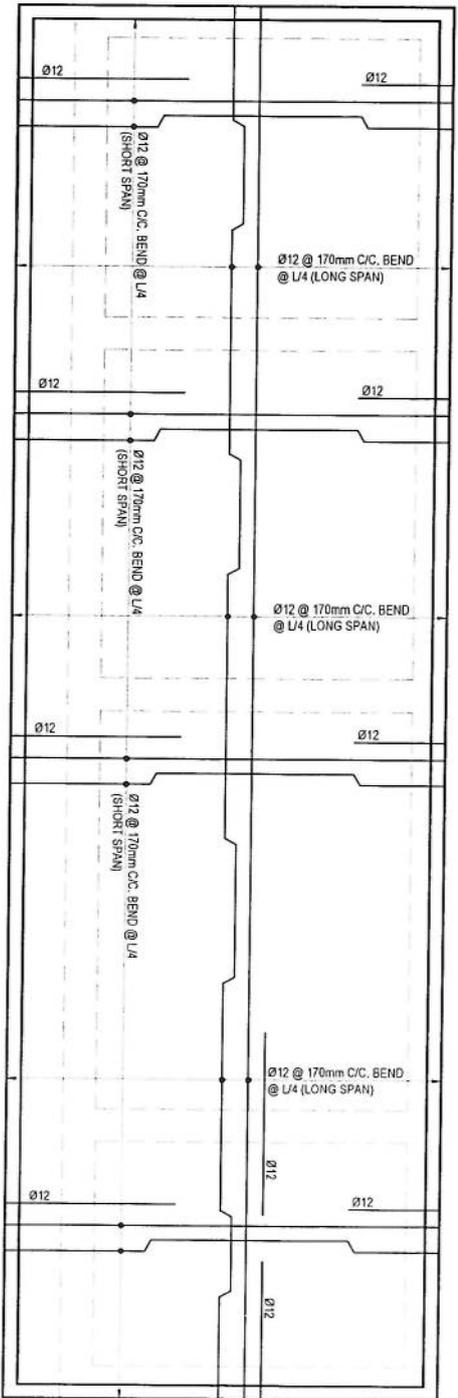
GUTTER PIPE DETAIL
SCALE: 1:5

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

HATCH LEGEND

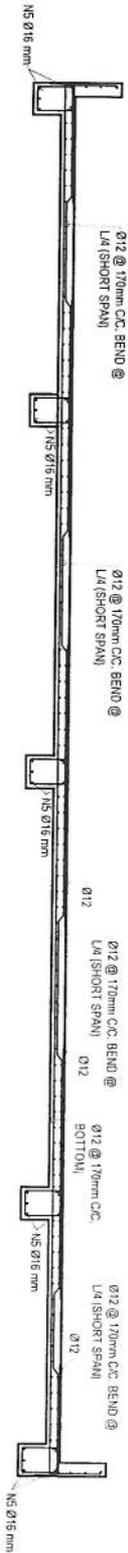
- PLAIN CONCRETE CEMENT
- REINFORCEMENT CONCRETE CEMENT
- OVERHEAD STRUCTURE
- BRICK SECTION
- BRICK PLAN
- ELEVATION
- REINFORCEMENT COLUMN
- DW
- DOWN

Handwritten signature in blue ink.

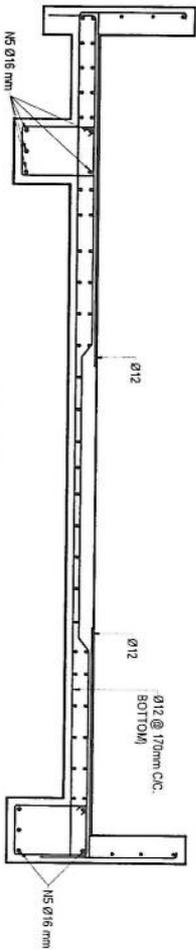


ROOF SLAB REINFORCEMENT PLAN
SCALE: 1/80

- NOTE**
1. CONCRETE MIX RATIO SHOULD BE SUCH THAT 7800V'S STRENGTH MUST BE 16-3000 psi.
 2. DEFORMED BAR OF GRADE 60 (W-540000) psi.
 3. MINIMUM CLEAR COVER TO REINFORCING STEEL 30 mm.
 4. VIBRATOR, MIXTURE MACHINE SHOULD BE USED IN CONCRETE CASTING.
 5. CONSTRUCTION SHOULD BE DONE WITH CLOSED SUPERVISION OF AMCC SITE ENGINEER.

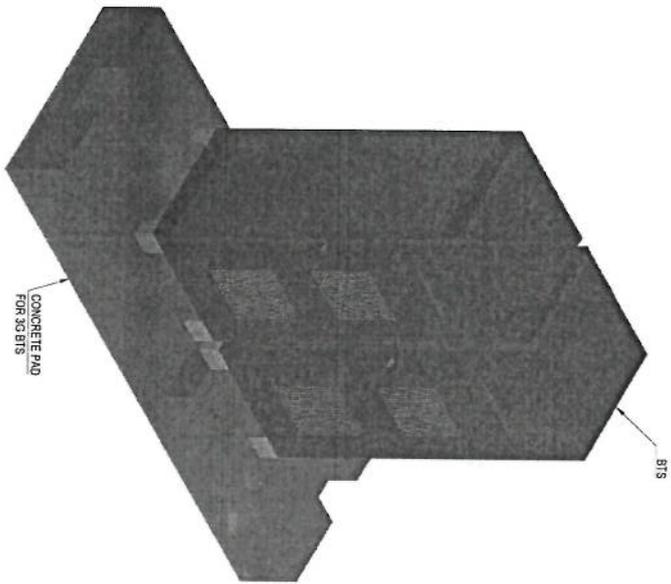


ROOF SLAB SECTION
SCALE: 1/80

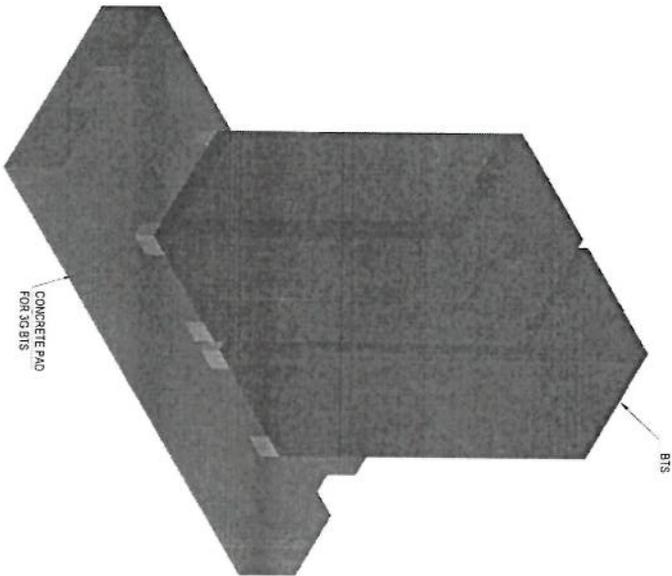


SECTION G-G
SCALE: 1/40

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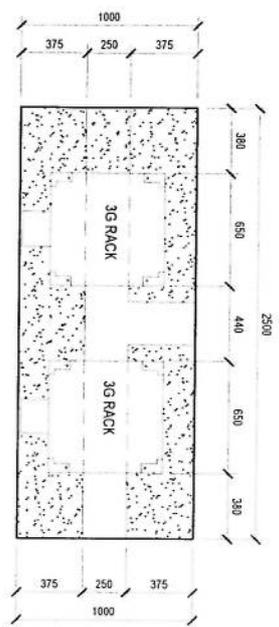
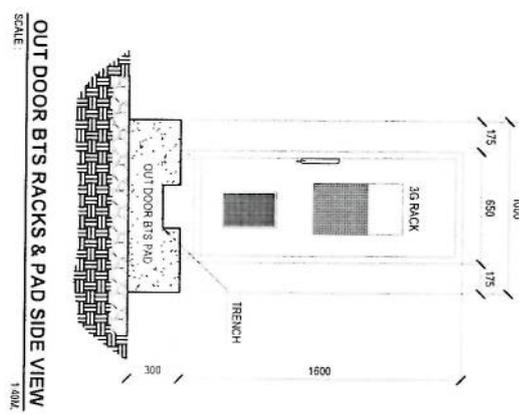
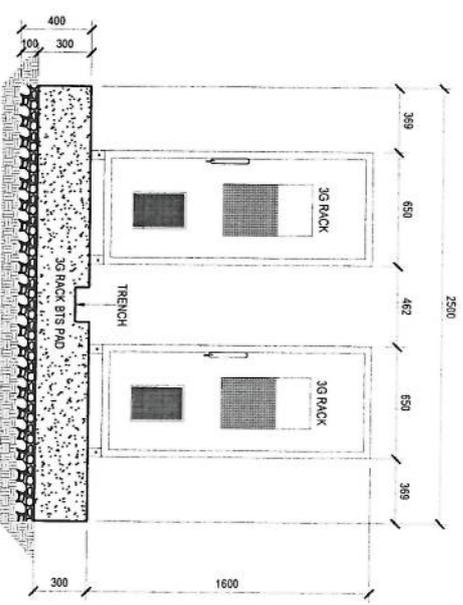
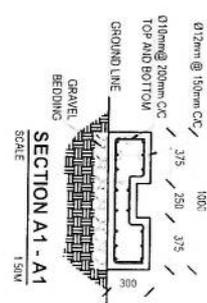
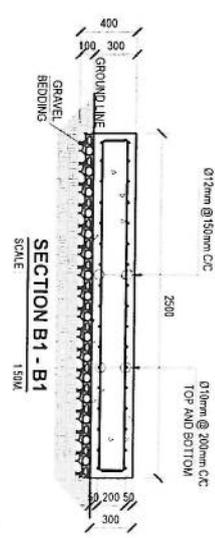
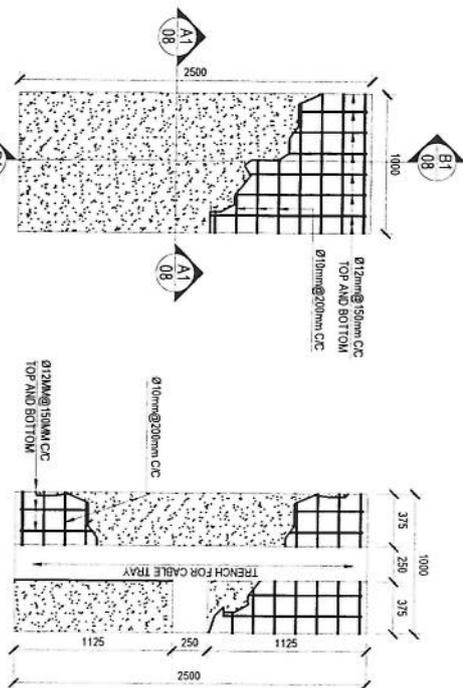


3D VIEW PLAN
SCALE: 1/4"=1'



3D VIEW PLAN
SCALE: 1/4"=1'

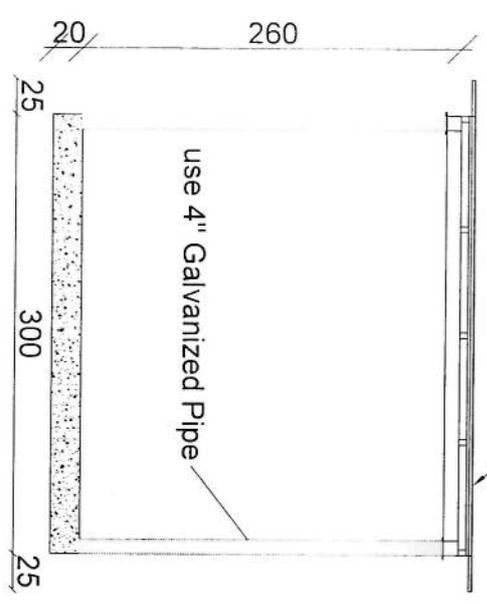
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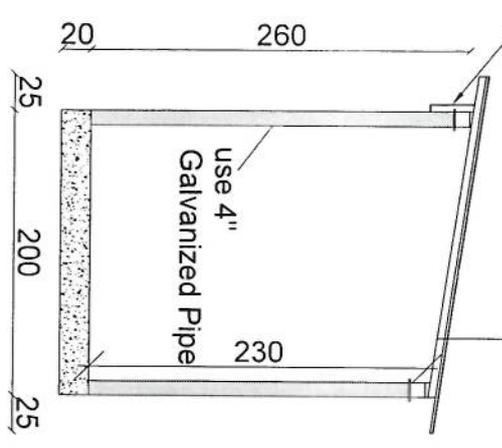
Use 24 Gage GI Sheet

24 Gage GI Sheet

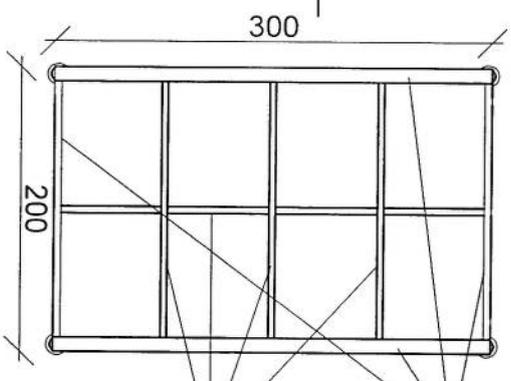
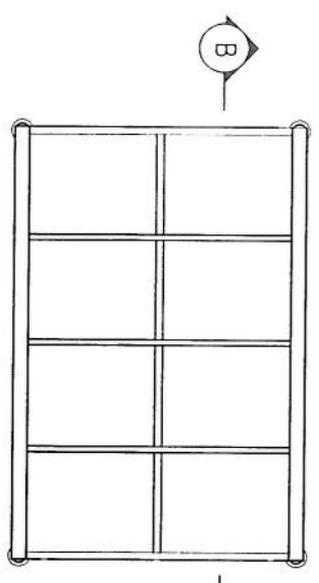
24 Gage GI sheet



Section BB



Section AA



use (100 x 100) 2mm thick channel
 use (50 x 100) 2mm thick channel

17 SUN SHELTER FOR ZTE BTS
 21 REF: A117

SCALE: 1:50

REVISION RECORDS	
REVISION NO	DESCRIPTION

LEGEND:

	CRANKED ROCK
	RCC

PROJECT TITLE / NO:
 GSM SITES

DRAWING TITLE:
 SUN SHELTER FOR ZTE BTS

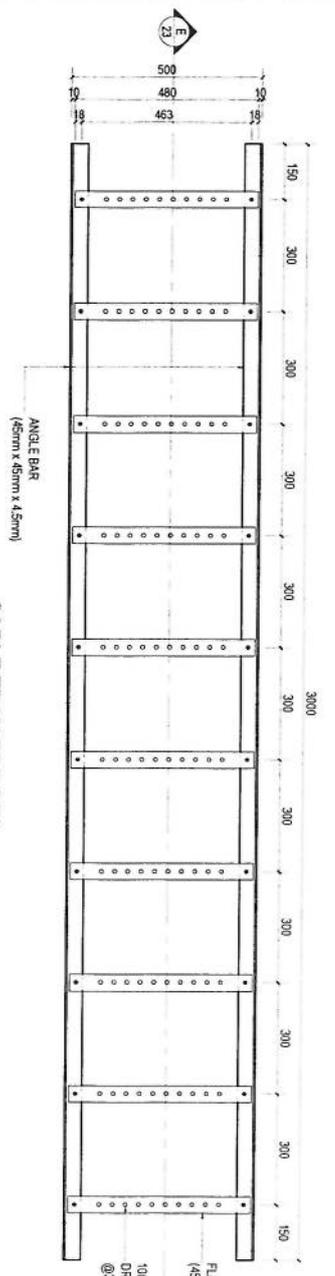
DRAWN BY:
 CIVIL TEAM

CHECKED BY:

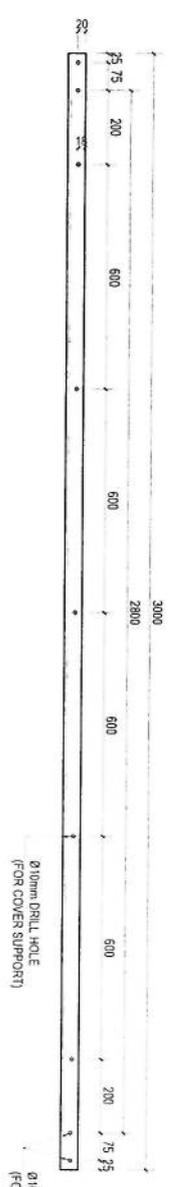
APPROVED BY:

SCALE: 1:50

ACTUAL DATE: 17/04/2025
 ISSUE DATE: DRG.NO: 17
 OWNER: AFGHAN TELECOM
 Salam Telecommunication Company
 KABUL
 AFGHANISTAN

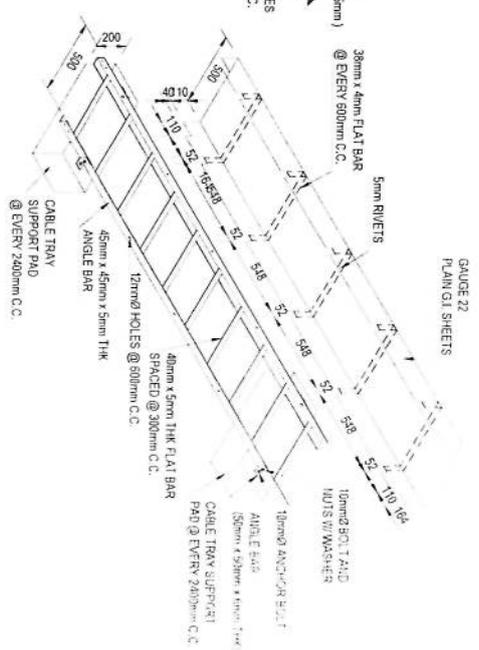


CABLE TRAY FOR BTS
SCALE: 1:20M

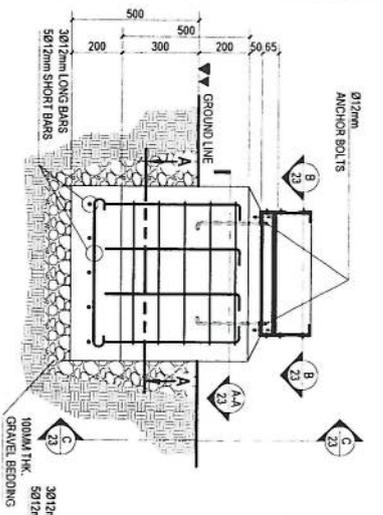


SECTION E-E
SCALE: 1:20M

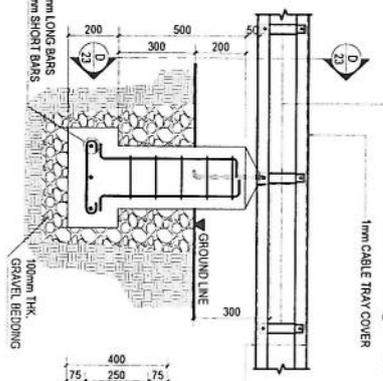
HORIZONTAL CABLE TRAY ISOMETRIC VIEW
SCALE: 1:50M



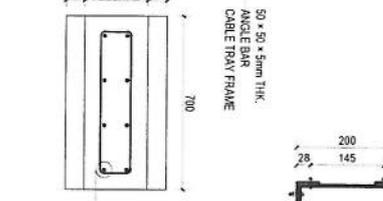
GAUGE 22
PLAN G1 SHEETS



SECTION D-D
SCALE: 1:30M



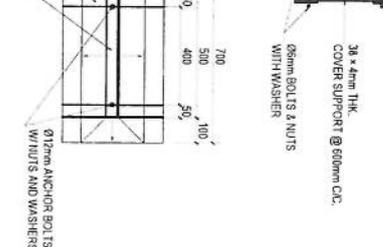
SECTION C-C
SCALE: 1:30M



SECTION A-A
SCALE: 1:30M

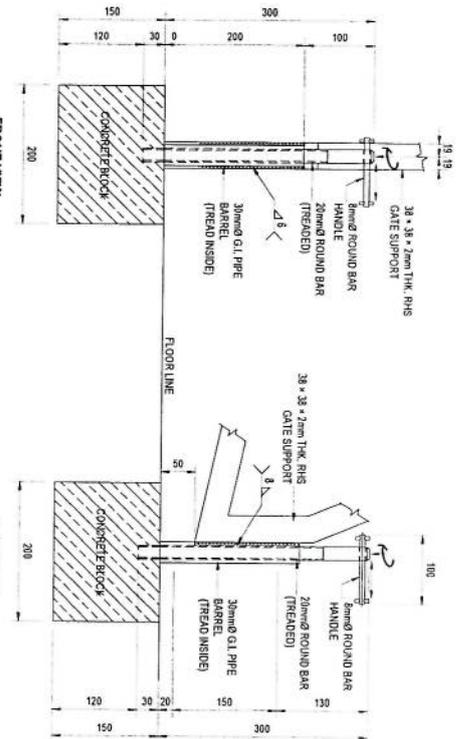
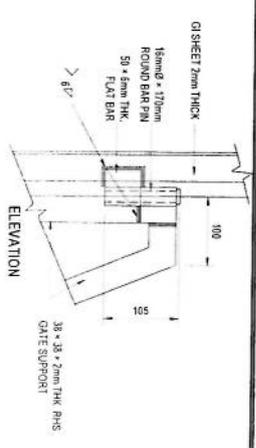
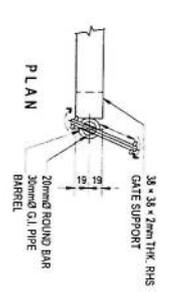


SECTION B-B
SCALE: 1:30M

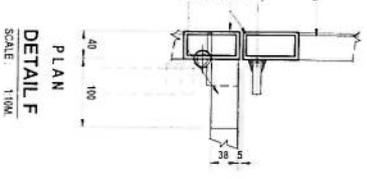


SECTION B-B
SCALE: 1:30M

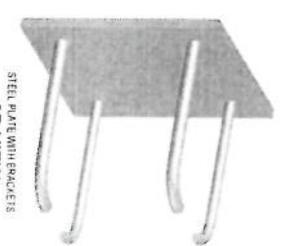
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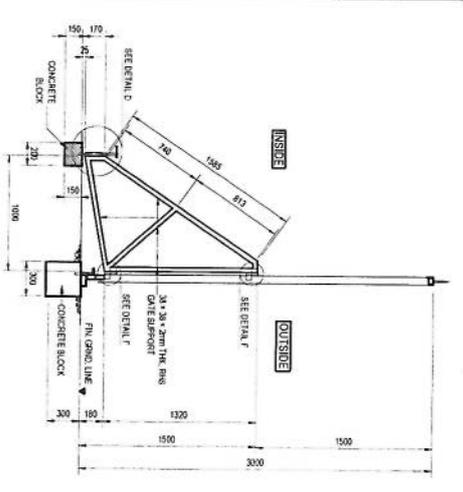
DETAIL D
SCALE: 1:100



DETAIL F
SCALE: 1:100



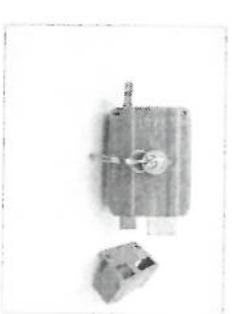
STEEL PLATE WITH BRACKETS
TOTAL 400mm LONG AT CORNERS
SCALE: 1:100



ELEVATION
SCALE: 1:100



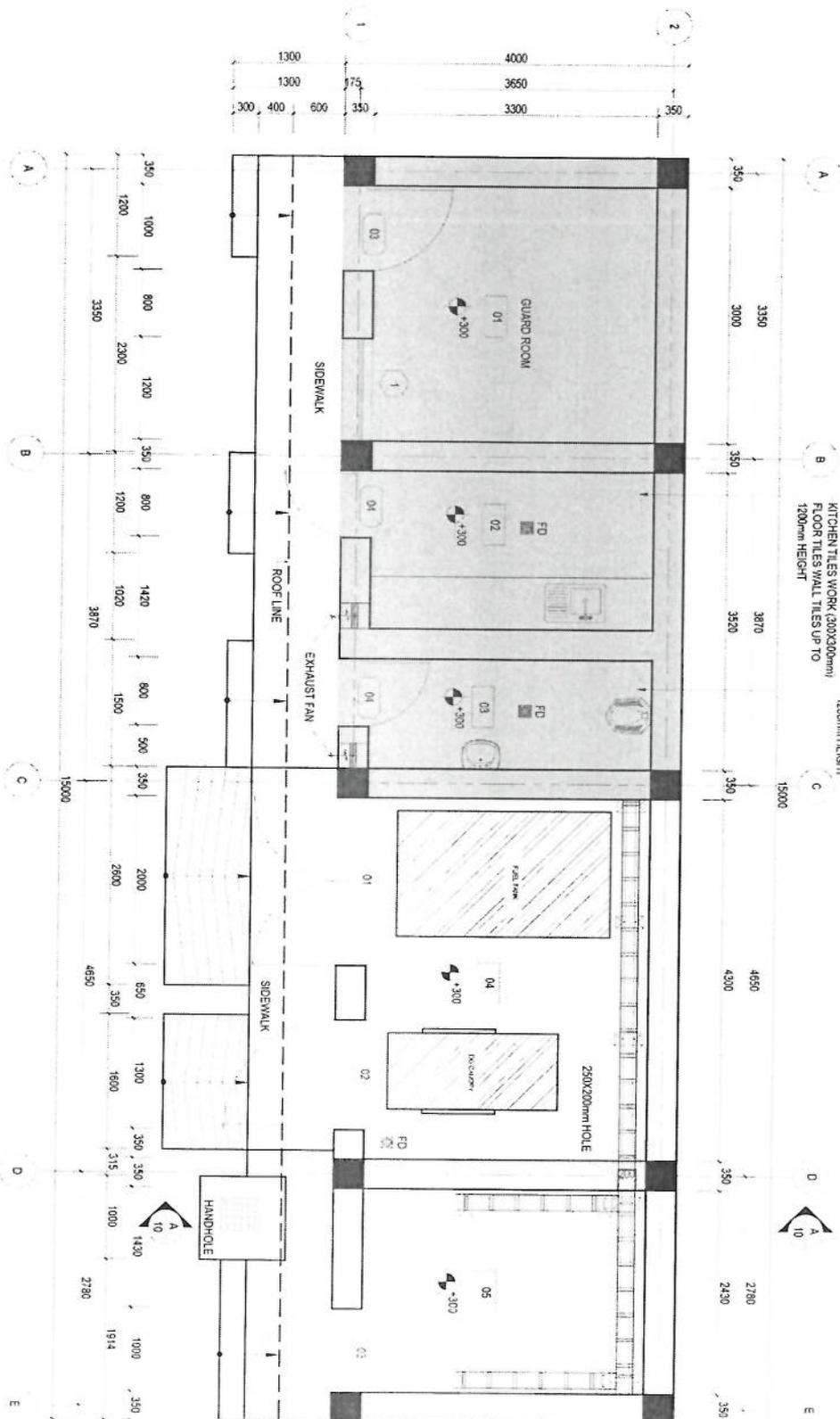
SMALL DOOR HANDLE AND LOCK PHOTOS
SCALE: N/A



روی این پلته 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



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

FLOOR PLAN
SCALE 1/80

HATCH LEGEND

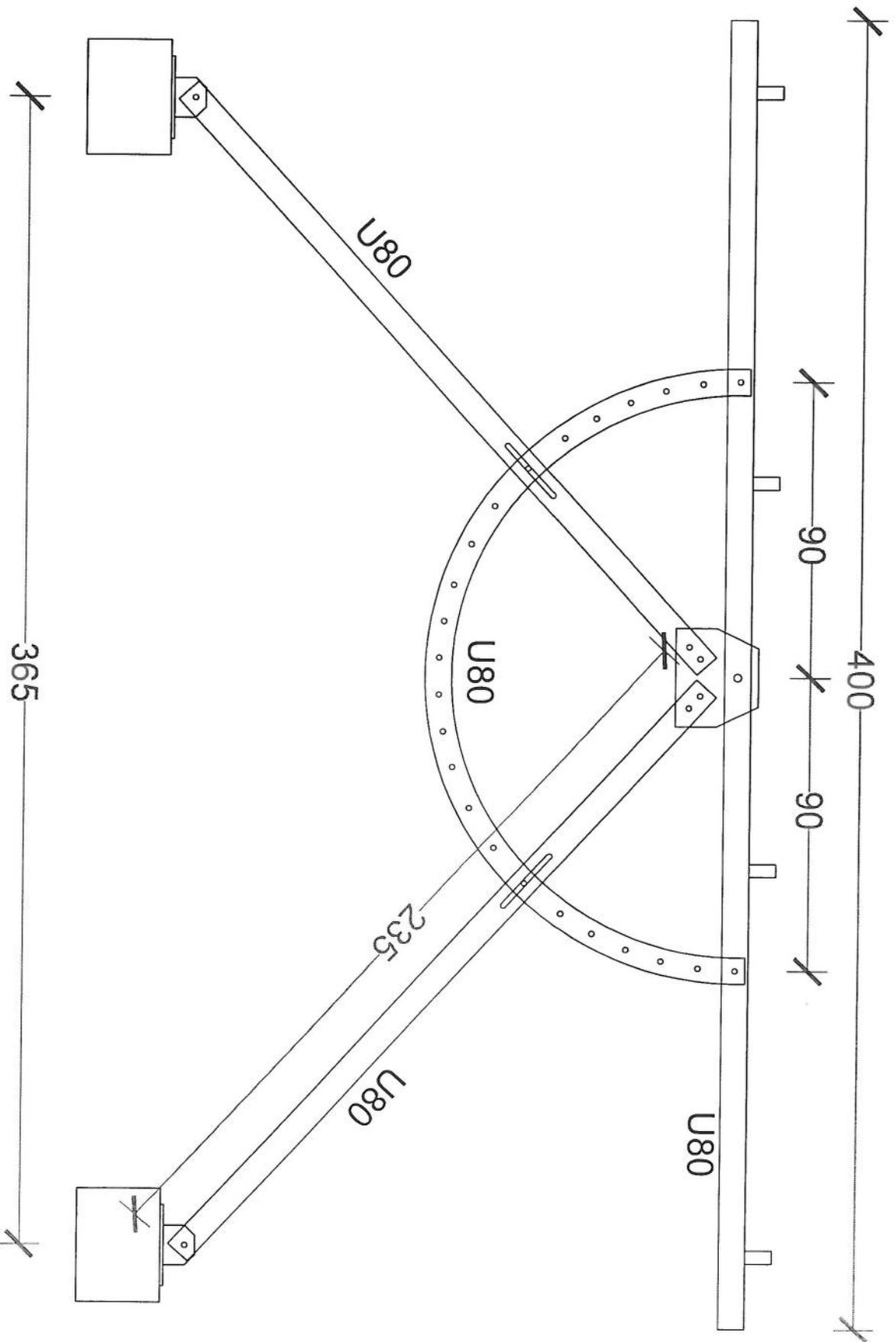
- PLAIN CONCRETE CEMENT
- BRICK WORK
- OVERHEAD STRUCTURE
- REINFORCEMENT COLUMN

ROOM LEGEND

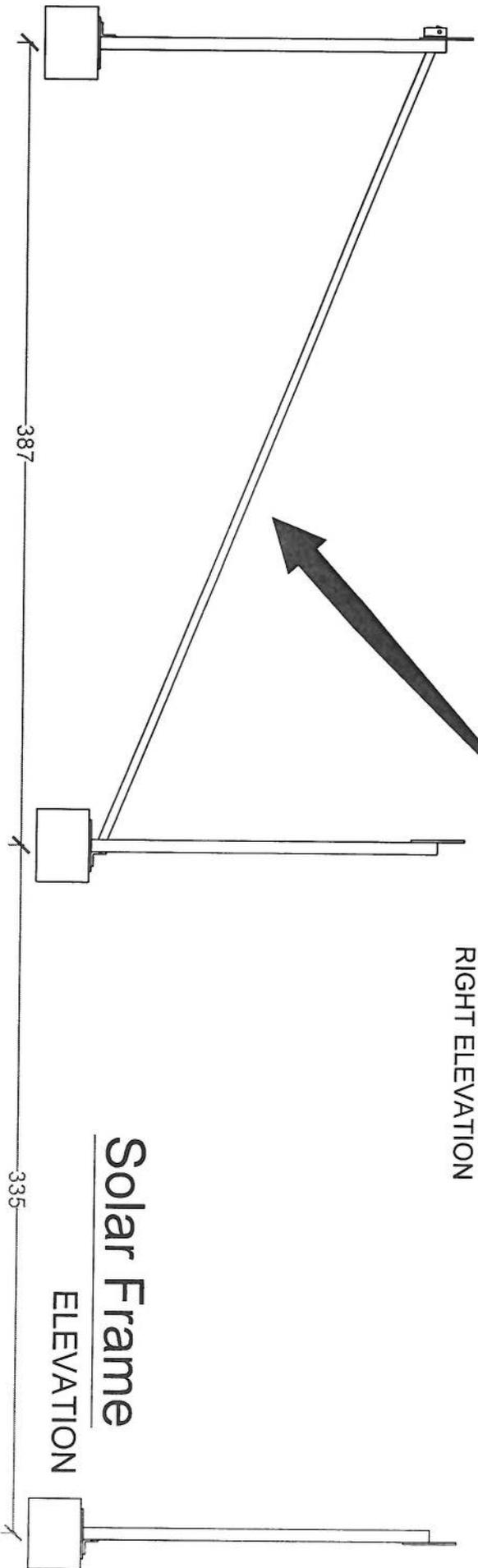
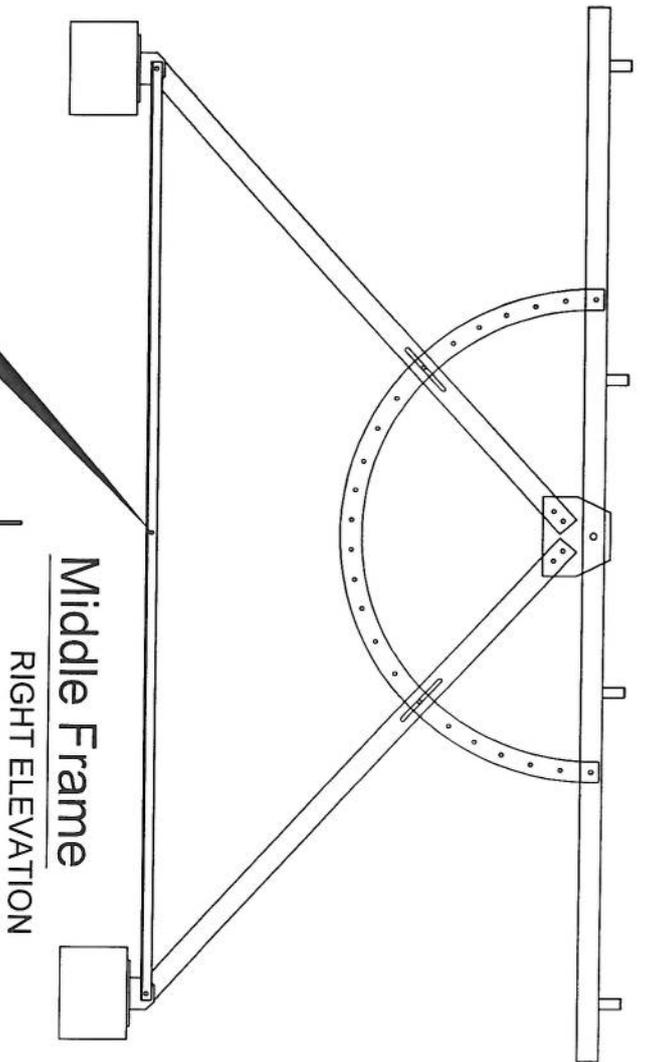
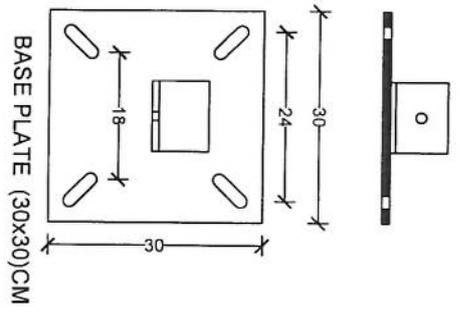
- 01 GUARD ROOM
- 02 KITCHEN
- 03 TOILET
- 04 FUEL TANK AND DG ROOM
- 05 BATTERIES ROOM

DW DOWN
FD FLOOR DRAIN
ELEVATION

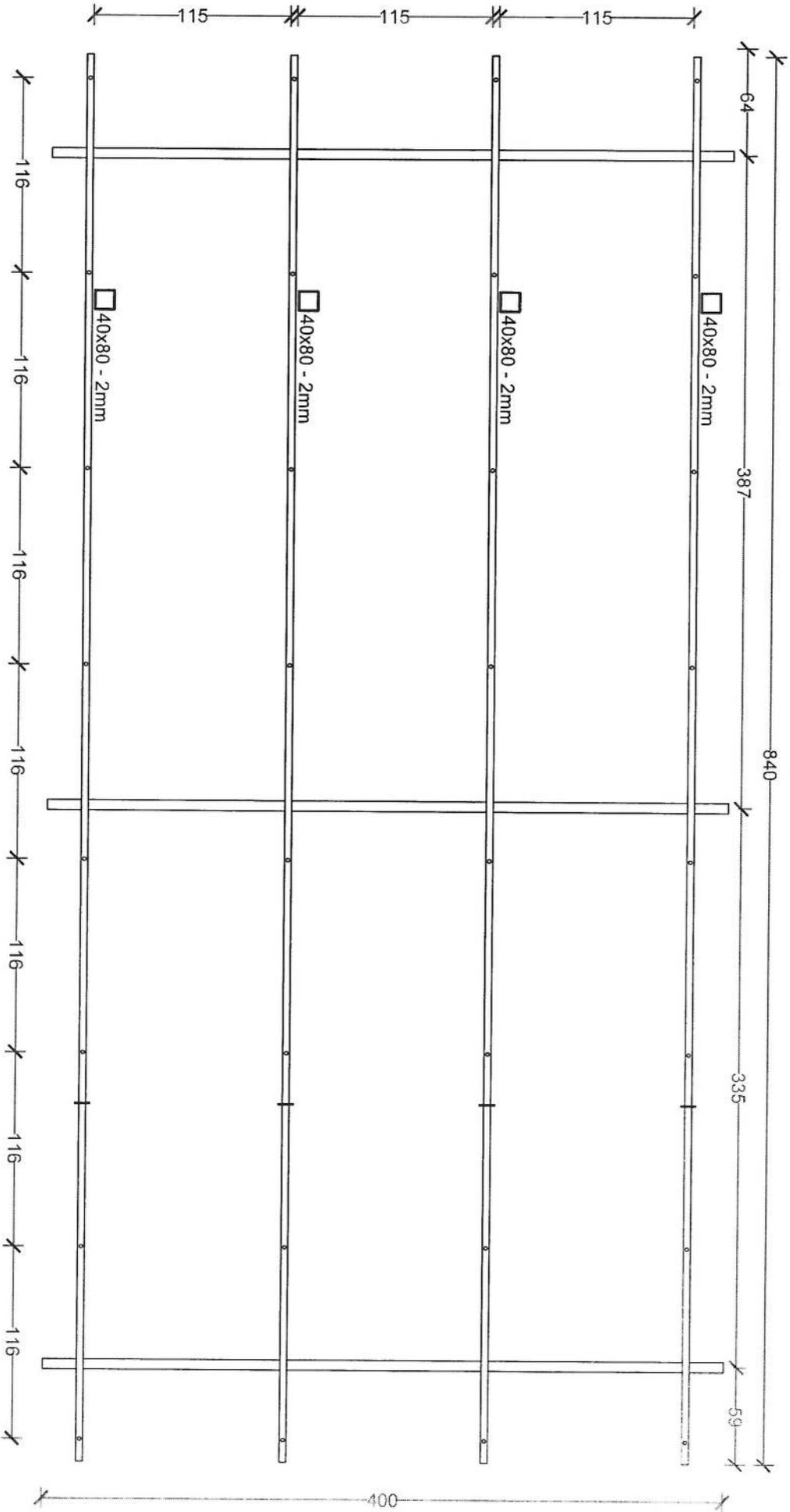
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365
 400
 90
 90
 U80
 U80
 U80
 U80
 U80
 235



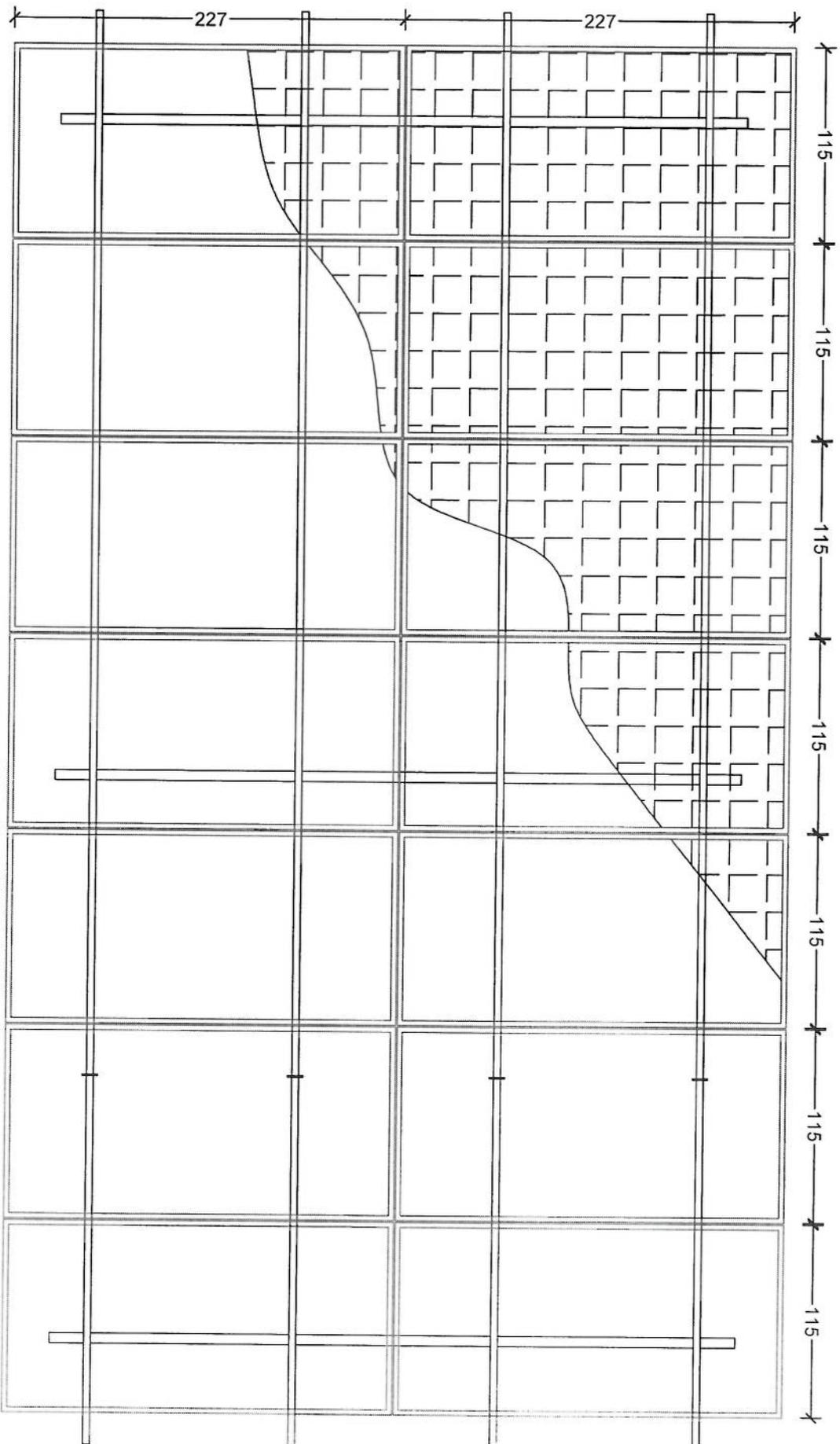
Handwritten signature or initials in blue ink.



14 Plate Solar

Dimensions (113x227)CM

Handwritten signature

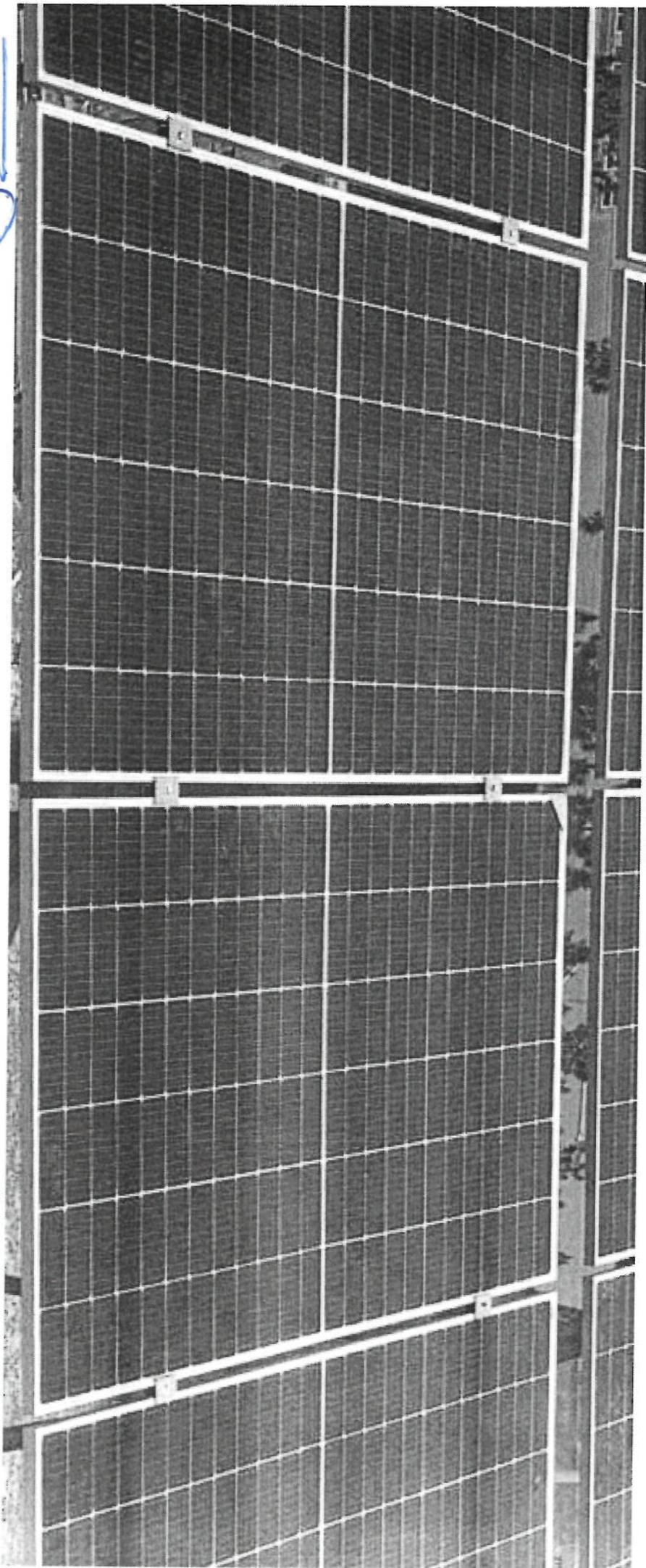


Handwritten signature or scribble in blue ink.

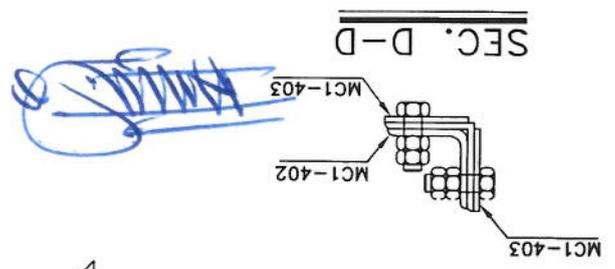
14 Plate Solar

Dimensions (113x227)CM

SHINE

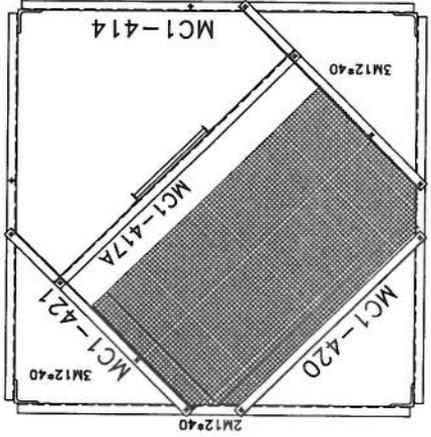


Project No.:		Scale: 1/11		Ref. No. 00		Sheet No. 2	
Tower Type: TOWER NB		Title: NB TOWER 30m					
Client: AFGHAN TELECOM		Project: AFGHAN TELECOM					
Rev.		Design	Drawn	Checked	Approved	Date	Description
00	--	--	S.Shadit	--	A.Solihour	13/2024	--
01	--	--	--	--	--	--	--
02	--	--	--	--	--	--	--

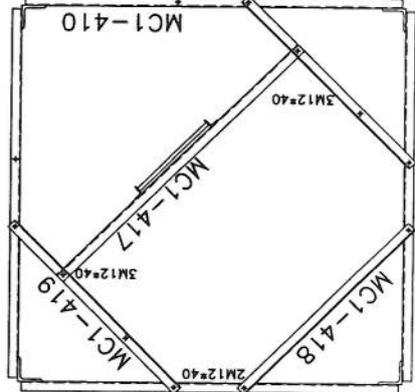


List Of Bolts - PANEL 4	Specification	Qty
M16*60	M12*40	200
		64

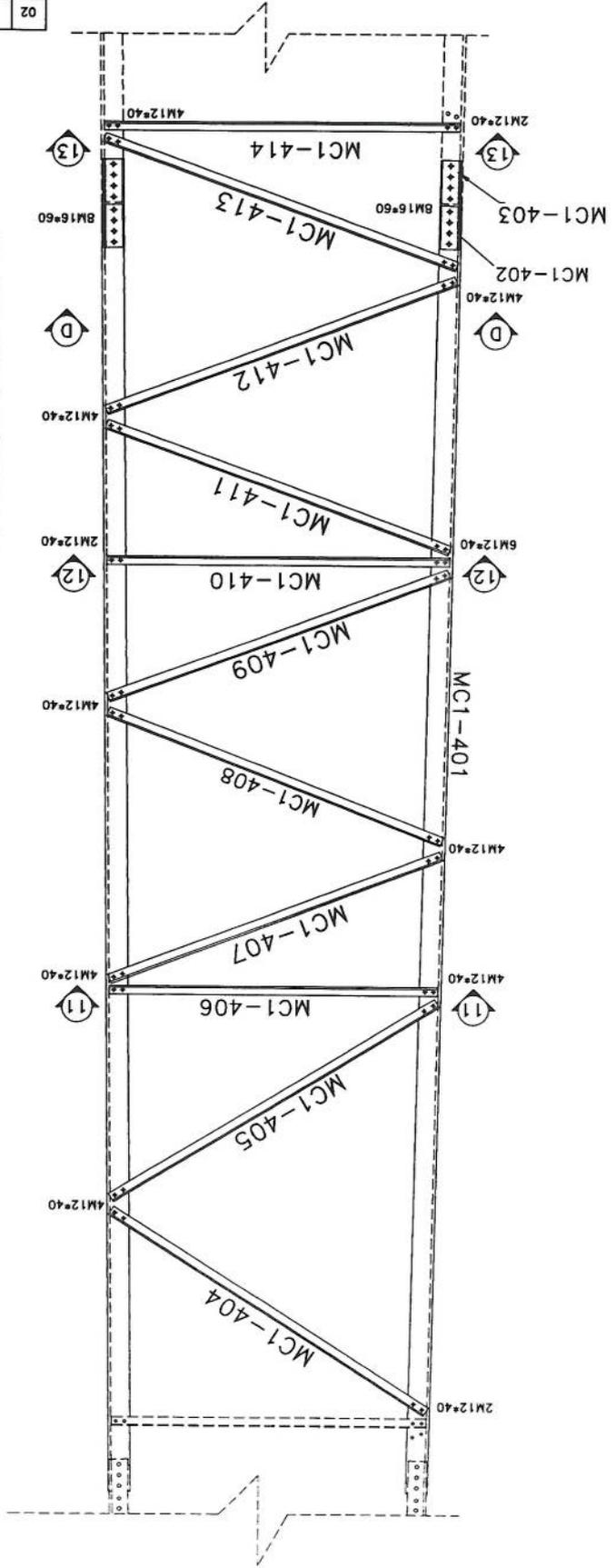
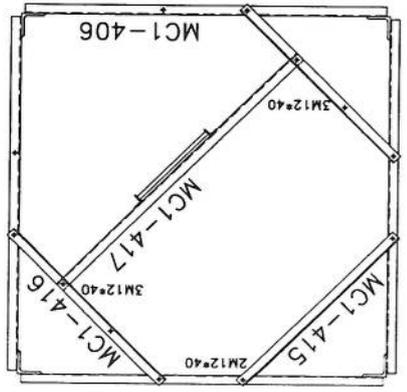
SEC. 13-13



SEC. 12-12

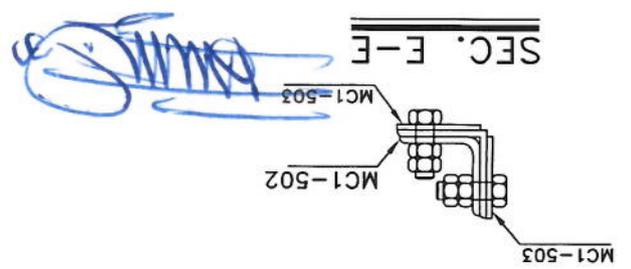


SEC. 11-11



SEC. D-D

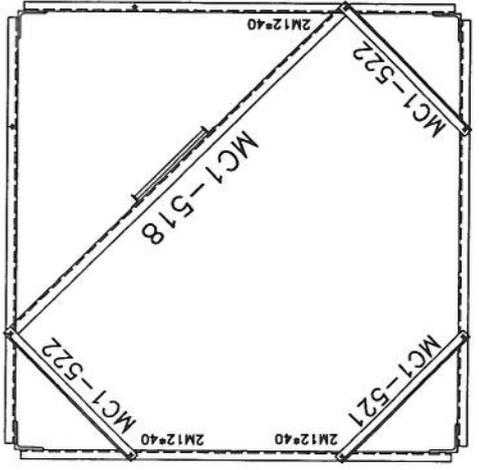
Project No.:		Tower Type: TOWER NB	
Code: 1/11		Ref. No. 00	
Sheet No. 5		Title: NB TOWER 30M PANEL 3	
Client: ALGHAN TELECOM		Project: ALGHAN TELECOM	
Rev.	Design	Drawn	S. Ghadiri
00	---	---	---
01	---	---	---
02	---	---	---
Checked	Approved	Date	Description
---	A. Salehahour	10/13/24	---



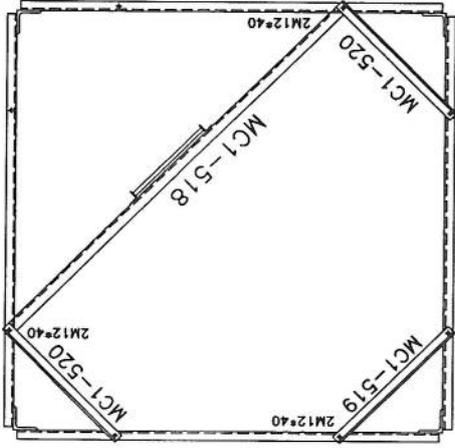
List Of Bolts - PANEL 5

Specification	Qty
M12x40	194
M16x60	80

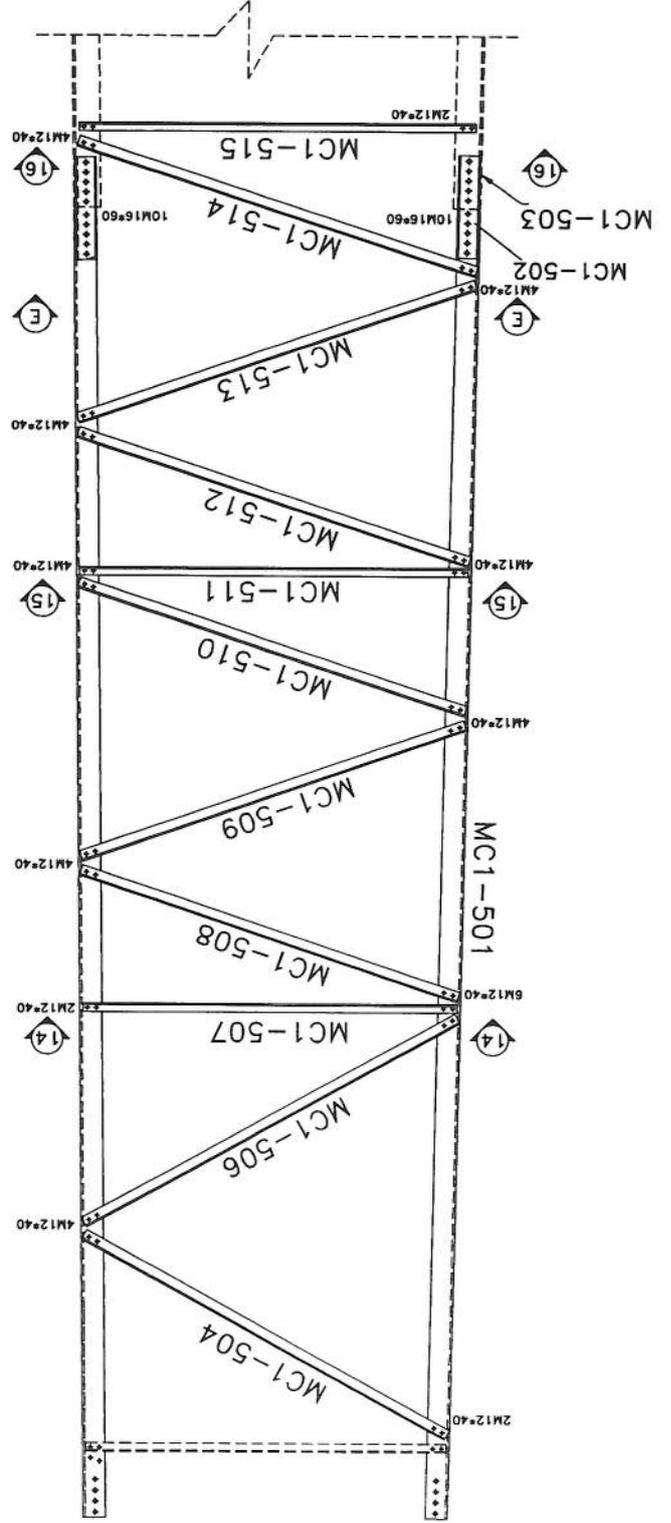
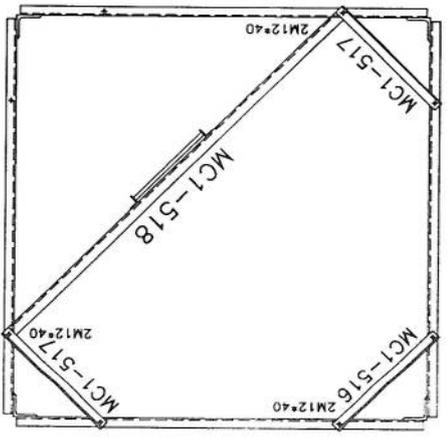
SEC. 16-16



SEC. 15-15

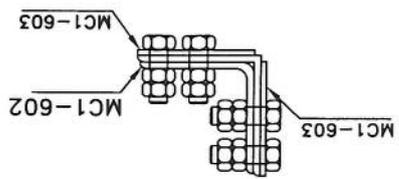


SEC. 14-14



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SEC. F-F

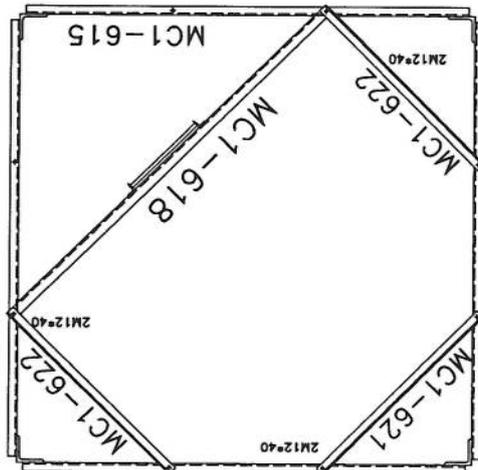


Project No. 11/11		Rev. No. 00		Sheet No. 6	
Tower Type: TOWER NB		Title: NB TOWER 30M PANEL 4			
Client: AFGHAN TELECOM		Project: AFGHAN TELECOM			
Rev.	Design	Drawn	Checked	Approved	Date
00	---	S. Ghodiri	---	A. Schahour	19/13/24
01	---	---	---	---	---
02	---	---	---	---	---

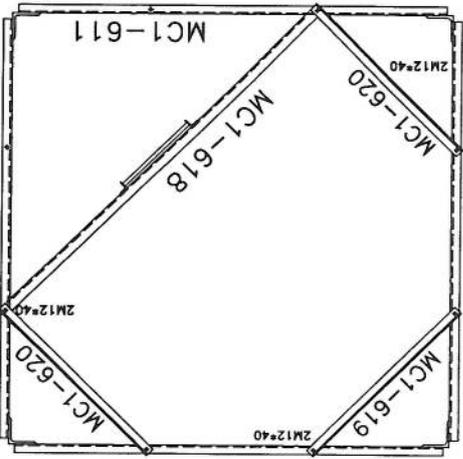
List Of Bolts - PANEL 6

Specification	Qty
M12x40	186
M12x45	24
M16x65	96

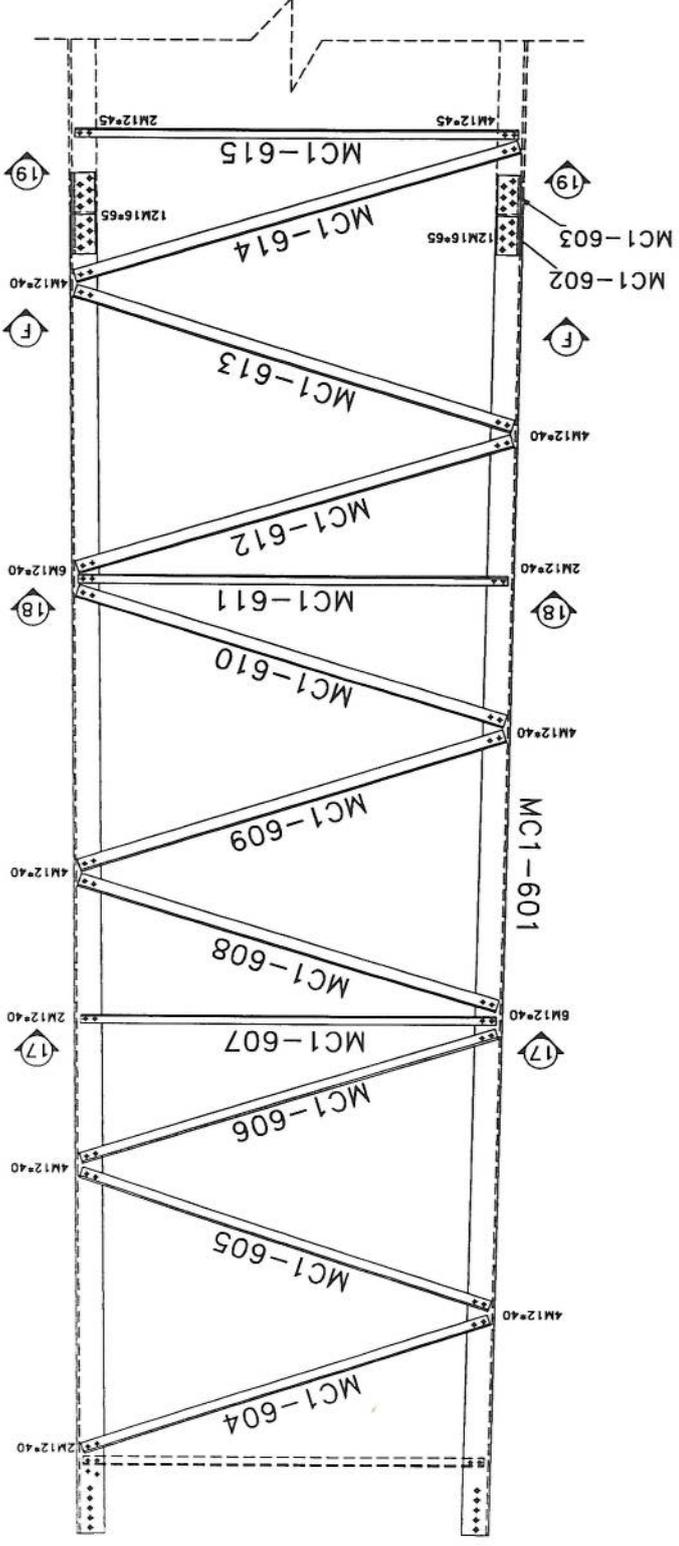
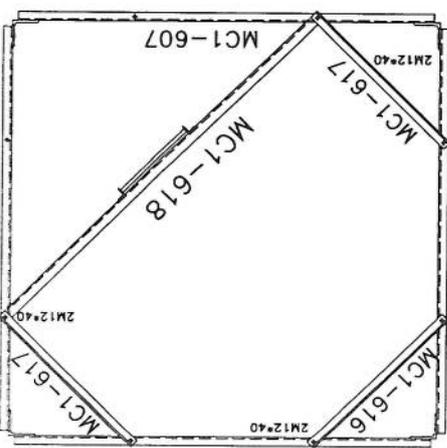
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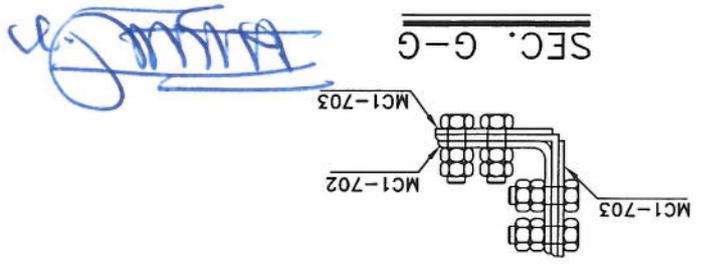


SEC. 18-18



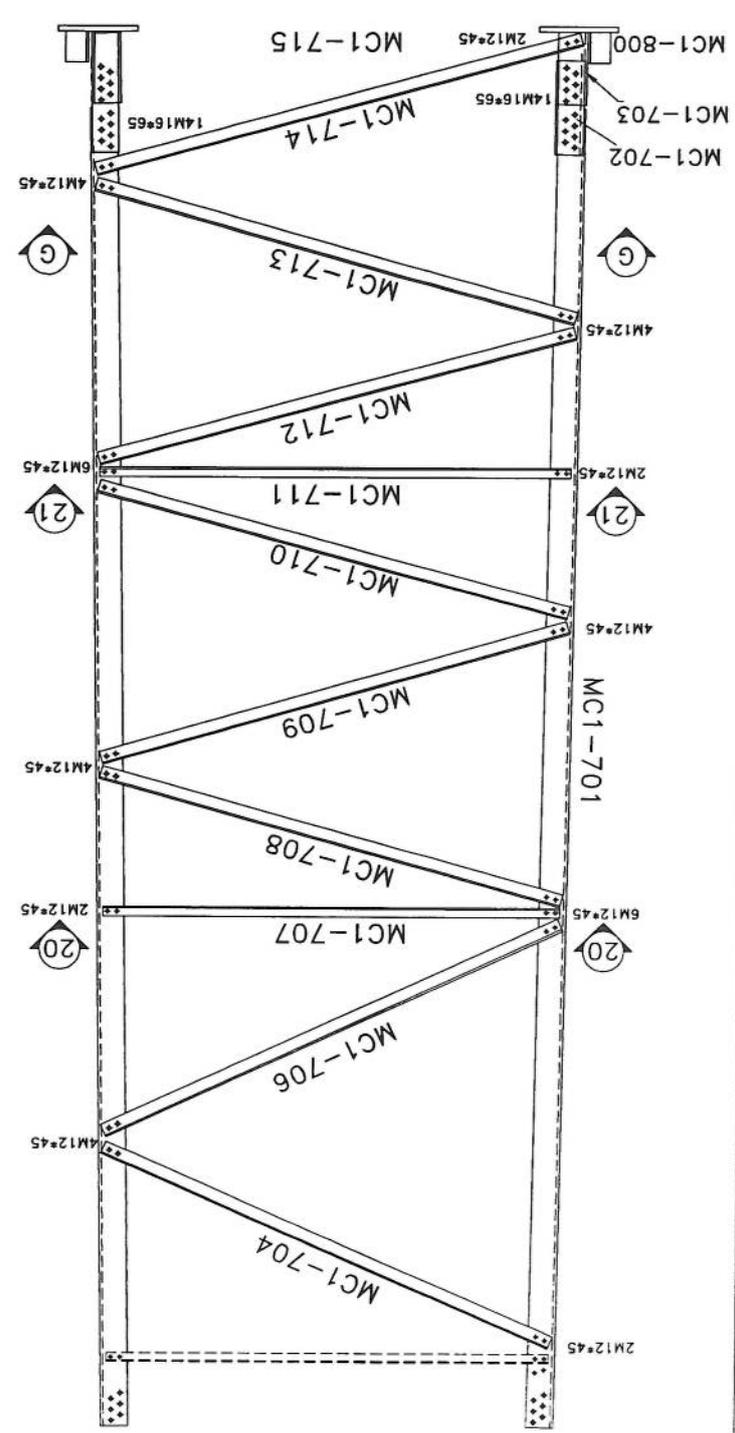
SEC. 17-17



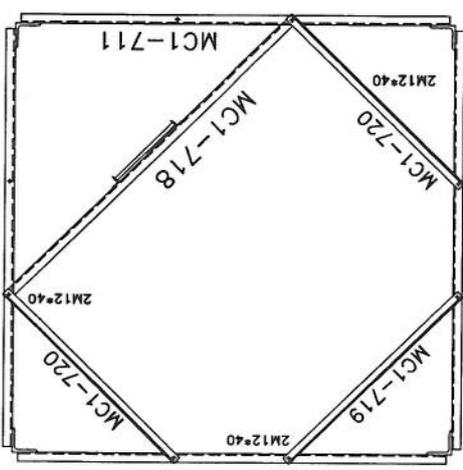


Project No.:		Scale: 1/11		Ref. No. 00		Sheet No. 5	
Tower Type: TOWER NB		Title: NB TOWER 30M PANEL 5					
Client: AFGHAN TELECOM		Project: AFGHAN TELECOM					
Rev.	Design	Drawn	Checked	Approved	Date	Description	
00	---	S. Ghadiri	---	A. Sidiq	10/13/24	---	
01	---	---	---	---	---	---	
02	---	---	---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

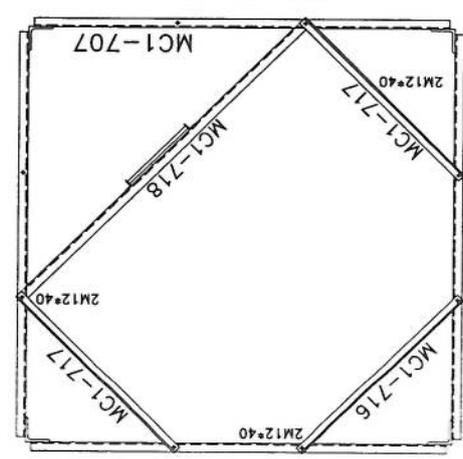
List Of Bolts - PANEL 7	
Specification	Qty
M12x40	18
M12x45	176
M16x65	112



SEC. 21-21



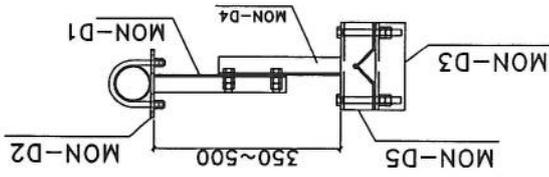
SEC. 20-20



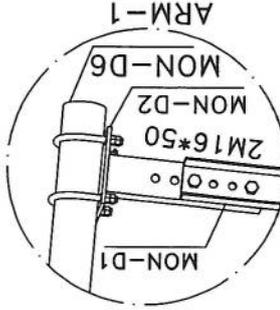
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Project No.: Tower Type: TOWER M8		Scale: 1/11		Ref. No. 00		Sheet No. 12	
Title I: NB TOWER 30M MOUNTING		Client I: AFGHAN TELECOM					
Rev.		Design	Drawn	Checked	Approved	Date	Description
02	--	S.Ghadih	--	--	A.Solihour	01/05/11	--
01	--	S.Ghadih	--	--	A.Solihour	01/02/11	--
00	--	S.Ghadih	--	--	A.Solihour	10/13/11	--

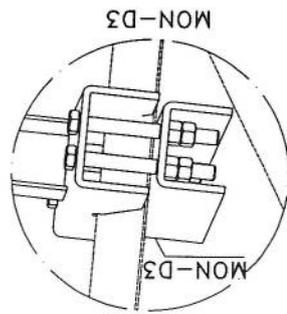
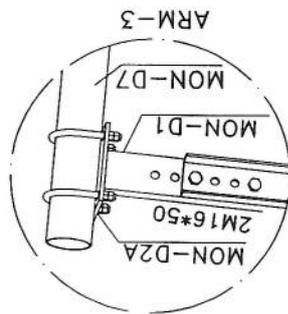
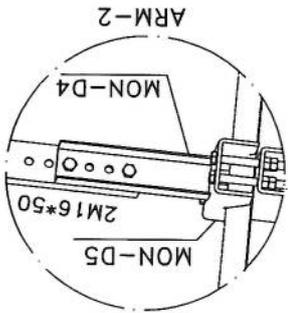
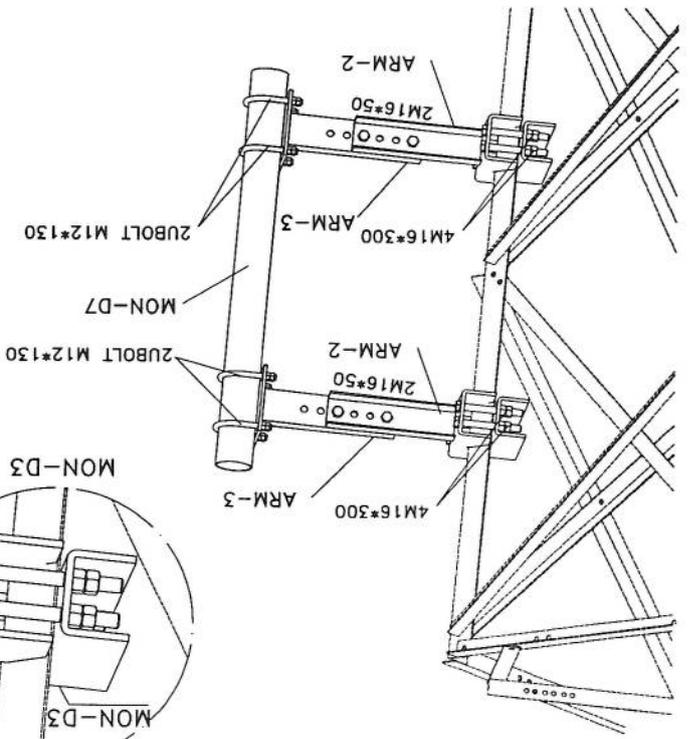
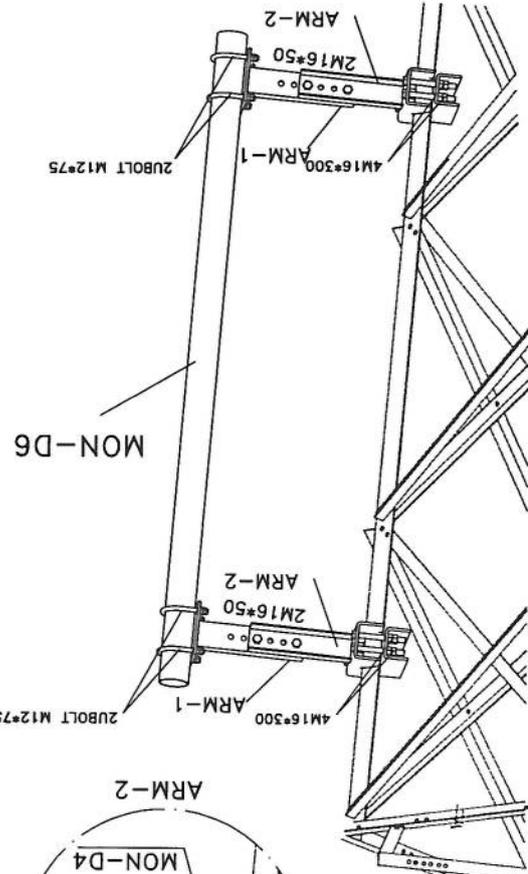
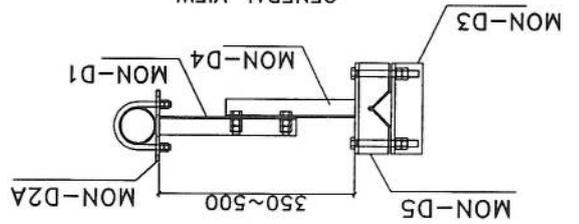
GENERAL VIEW



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



GENERAL VIEW



ASSEMBLY	POSITION	SIZE	QUANTITY
ARM-3	MON-D1	UNP80	2
ARM-2	MON-D2A	PL8	2
	MON-D4	UNP80	2
ARM-2	MON-D5	PL8	2
	MON-D7	PIPE115*1.3	1
BOLT	M16*300	--	8
UBOLT	M12*130	--	4

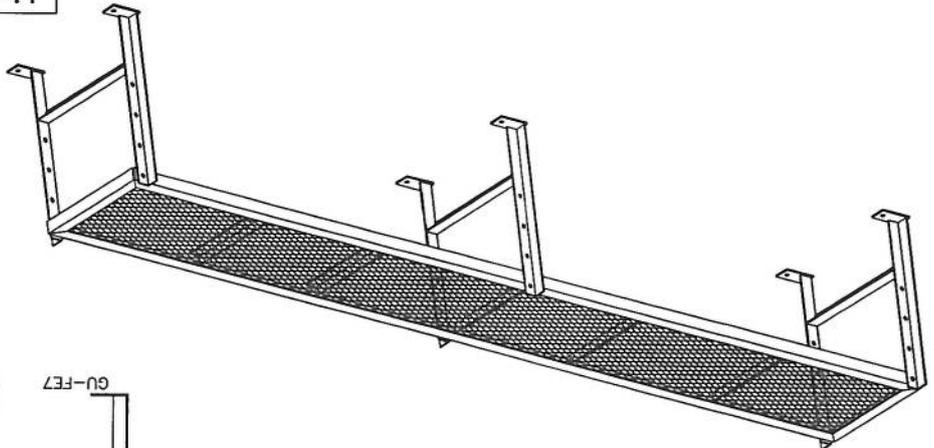
BILL OF MATERIAL MW

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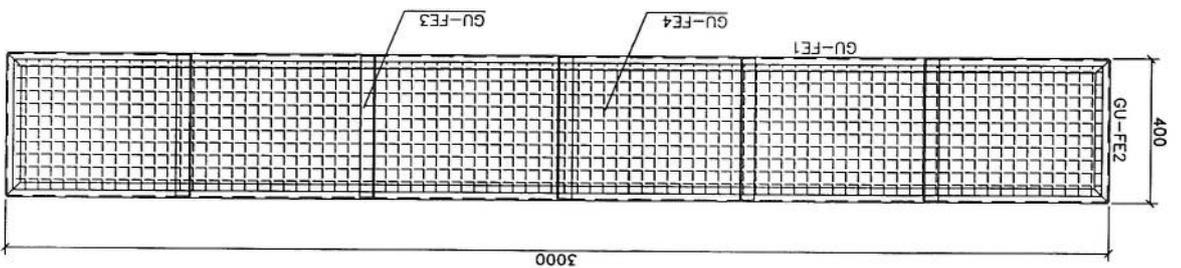
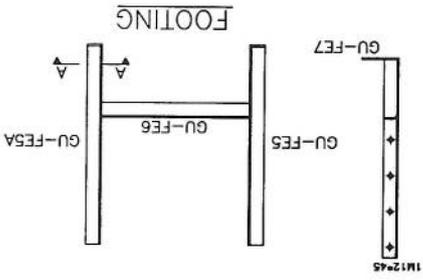
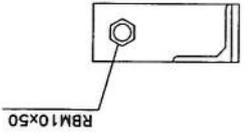
Project No.: 00		Scale: 1/11		Tower Type: TOWER NB		
Sheet No. 12		Ref. No. 00		Title: NB TOWER 30M PLATFORM 3M		
Client: AFGHAN TELECOM		Project: AFGHAN TELECOM				
Rev.	Design	Drawn	Checked	Approved	Date	Description
02	--	S.Ghadiri	--	A.Salahpour	01/03/11	--
01	--	S.Ghadiri	--	A.Salahpour	01/02/24	--
00	--	S.Ghadiri	--	A.Salahpour	10/13/24	--

Specification	Qty
M12*45	6
RBM10x50	6

List Of Bolts - LADDER



SECTION A-A

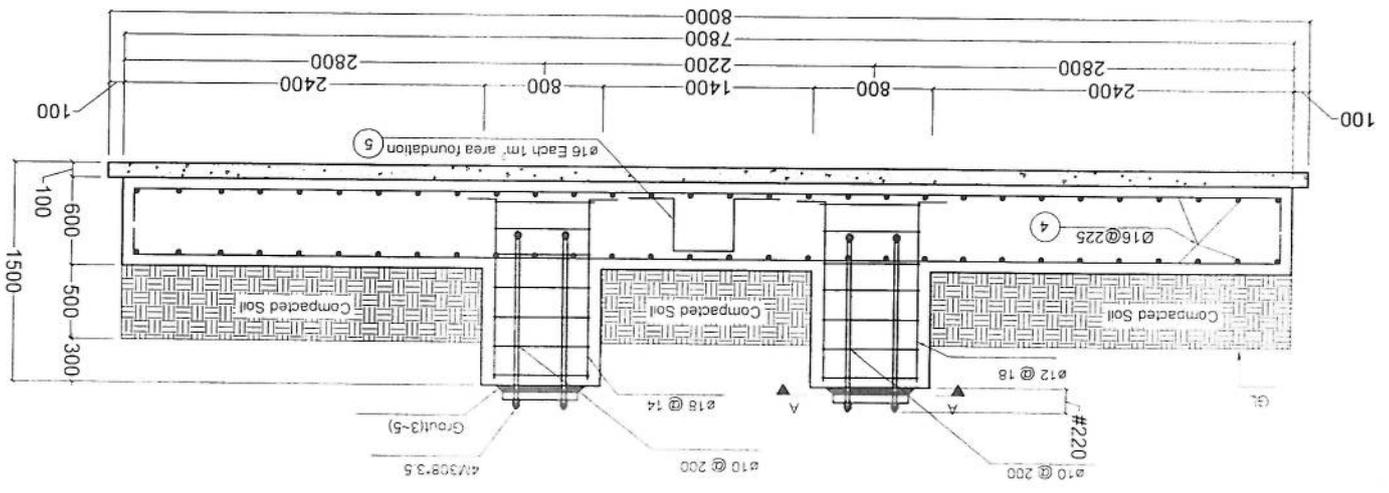
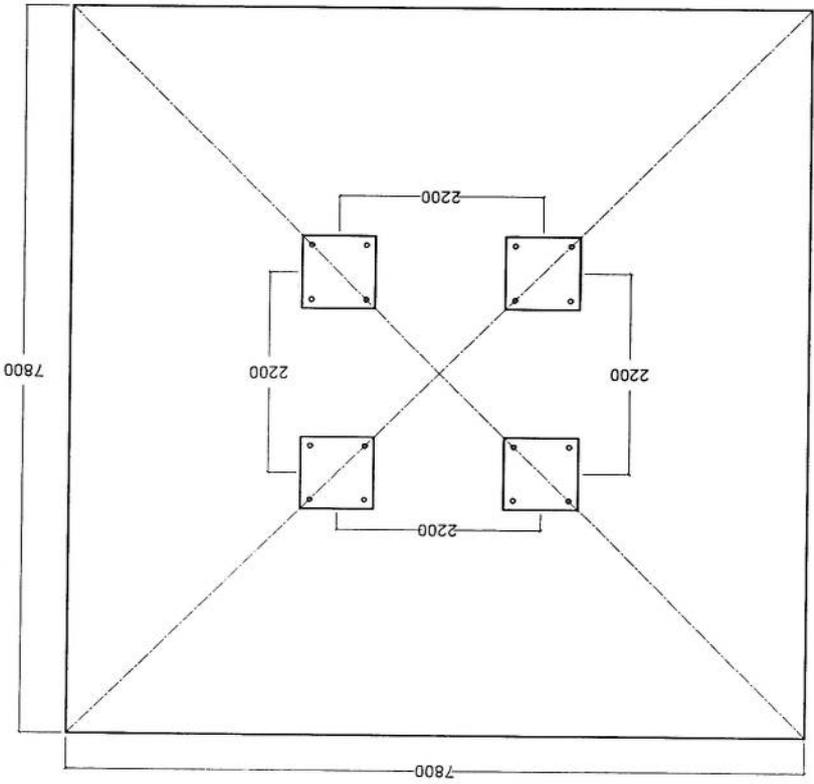
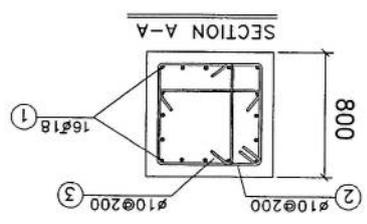
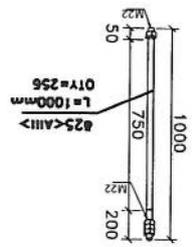
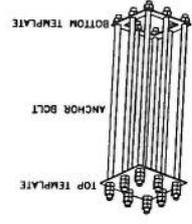


Bill of Material

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	400	16	2.20	59	130	204
Concrete Volume : 38.55 m³						Total Weight = 2216 kg

[Handwritten signature]

- 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.



REVISION RECORDS	
REVISION NO	DESCRIPTION

LEGEND:



PROJECT TITLE / NO:
GSM SITES
طابان دایره

DRAWING TITLE:
30m Tower Grounding System
سیستم زمین‌سازی دایره ۳۰ متری

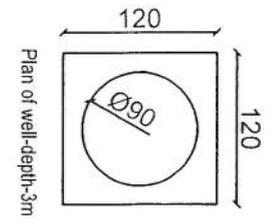
DRAWN BY:
CIVIL TEAM

CHECKED BY:

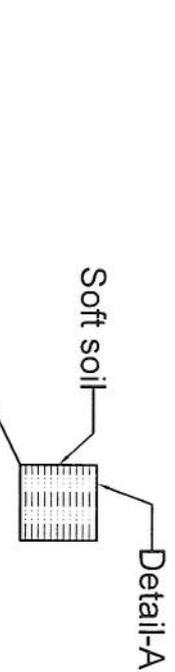
APPROVED BY:

SCALE: 1/75
ACTUAL DATE: 14/02/2025
ISSUE DATE:

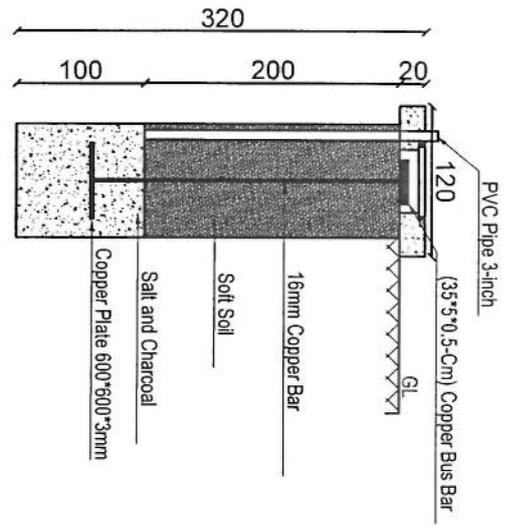
OWNER: AFGHAN TELECOM
شرکت ملی مخابرات افغانستان



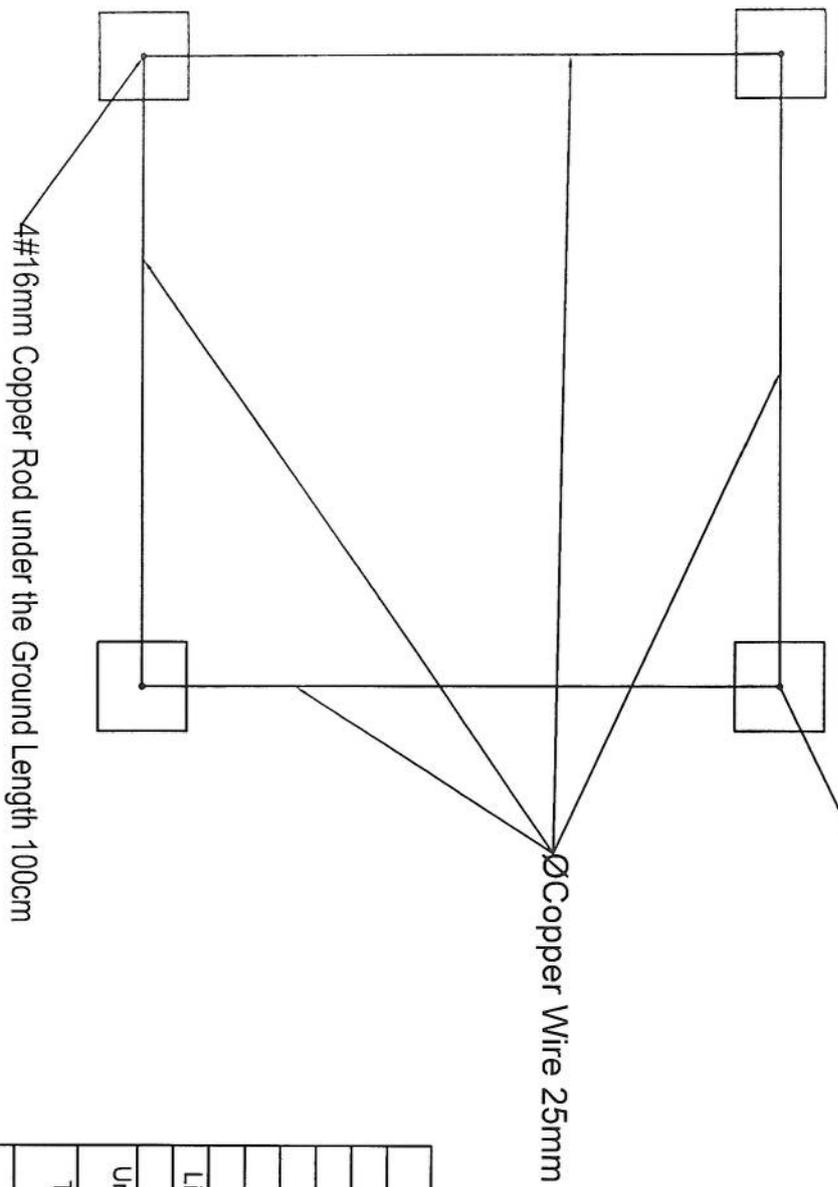
Plan of well-depth-3m



Detail-A



Detail-A Well Section



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

23 Grounding system- well plan & section
REF. A101 SCALE: 1:75

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