

Site ID	1AK054	Candidate	1
New Lat	37.15176	New long	69.6787
Location Name			
بلوچستان سولہویں سیکٹر District قلعہ Province تھل			
Type of Property	Private?	yes	Gov?
Property owner	Private?	yes	Gov?
Property owner contact	Private?	yes	Gov?
Contract Agreement Negotiated?	Ongoing		
Site type	RT:	GF:	GM
Land type	Desert level	Hill	Mountainhouse
		OK	
Access Road available	yes		
Access road needed	Length "m": 2500m		
Needed tower type	GF	OK	GM
Needed tower height	GF	40M	
Boundary wall needed	One side:		
Boundary wall length	360m		
Guardroom needed	2 sides:		
Toilet/Washroom	3 sides:		
Wall Fence needed	4 sides:		
RT site	Yes		
Building type	yes		
No of floors	yes		
Building height	yes		
RT available area	yes		
Location photo record	General view		
	Panaromic (45°) 8 photos		
	Access Direction 3Phs		

STANDARD DRAWING
DETAILED DESIGN DRAWING

10/11/03

LIGHTNING ARRESTER

OBSTRUCTION LIGHT

30m STANDARD DUTY TOWER

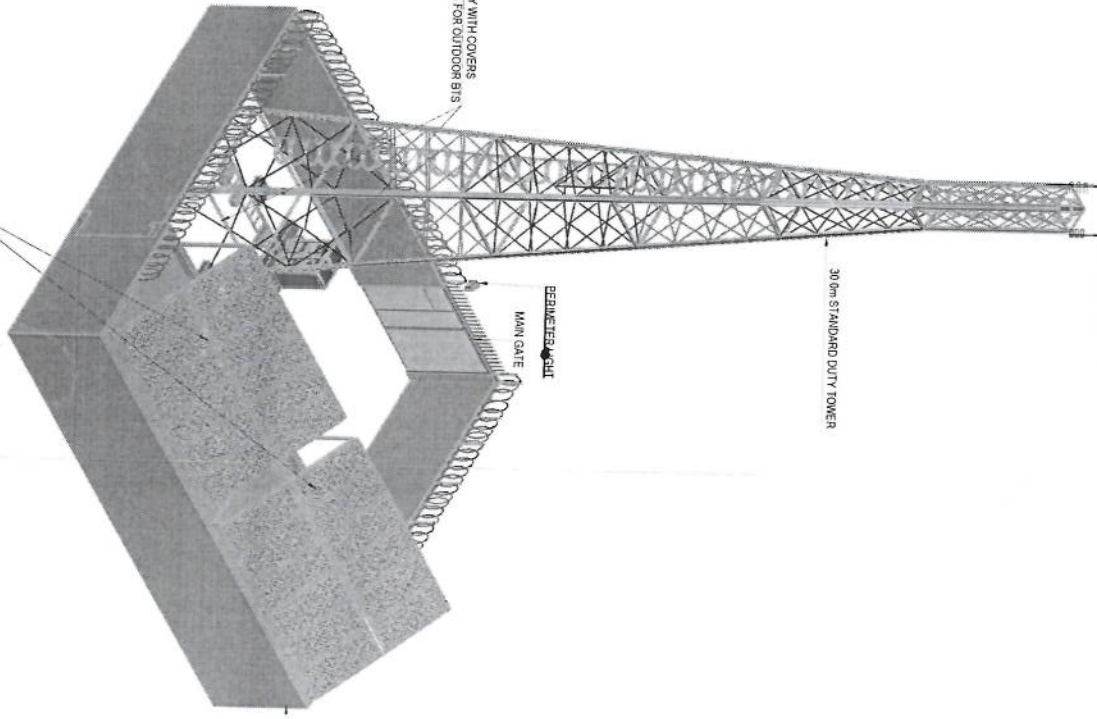
PERIMETER LIGHT

MAIN GATE

CABLE TRAY WITH COVERS
AND SUPPORTS FOR OUTDOOR GIS

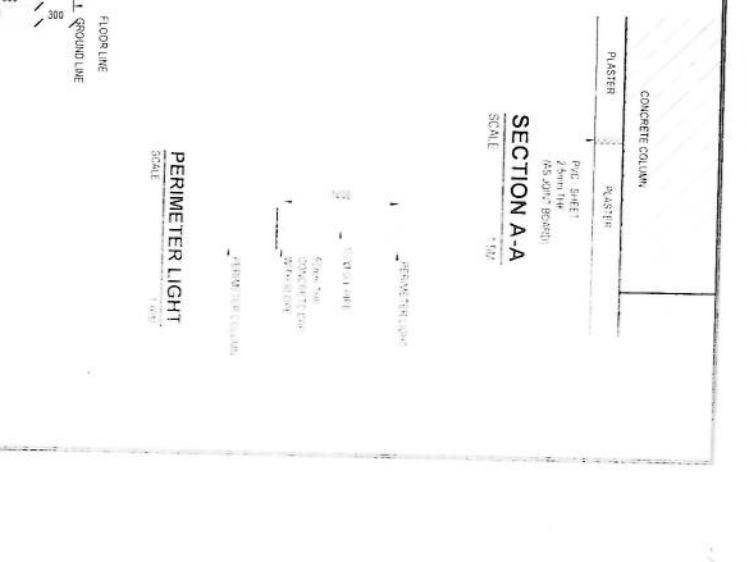
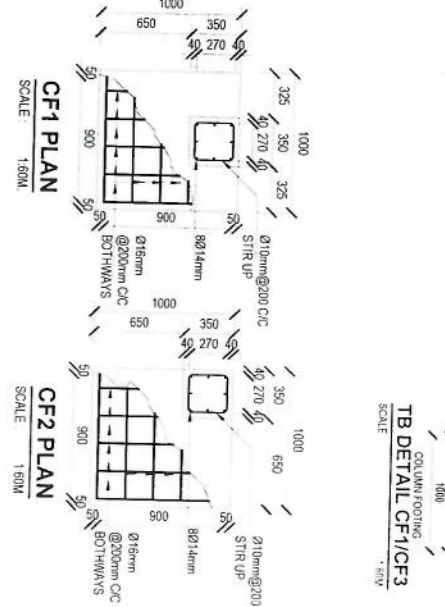
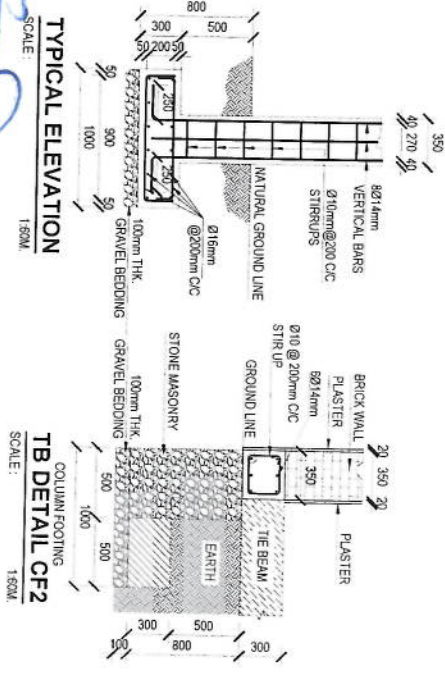
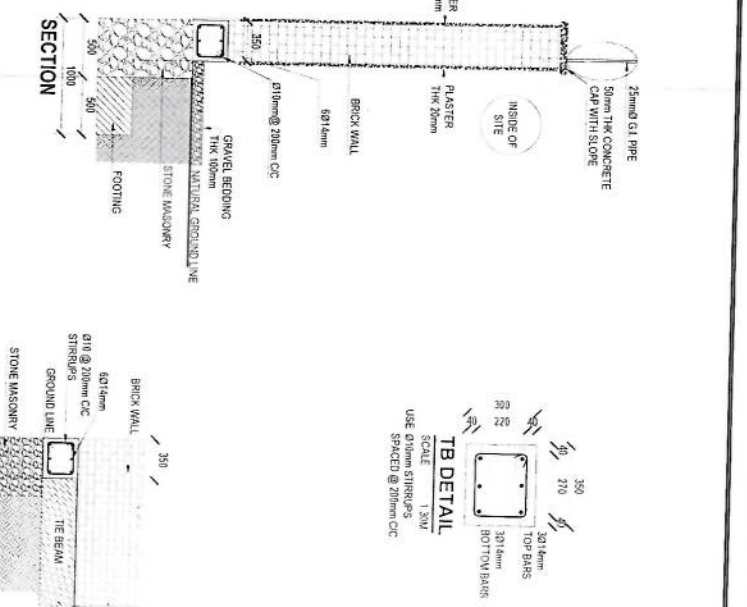
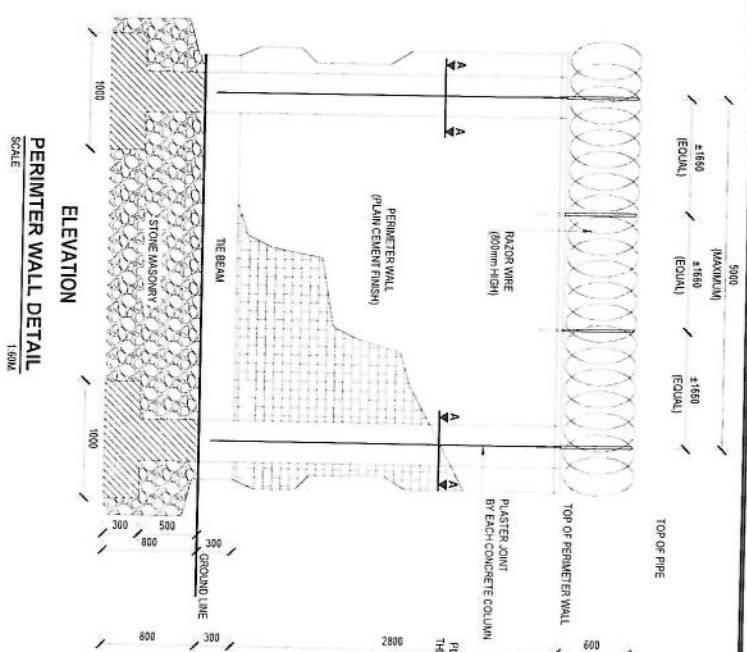
PERIMETER WALL

SOLAR PANELS

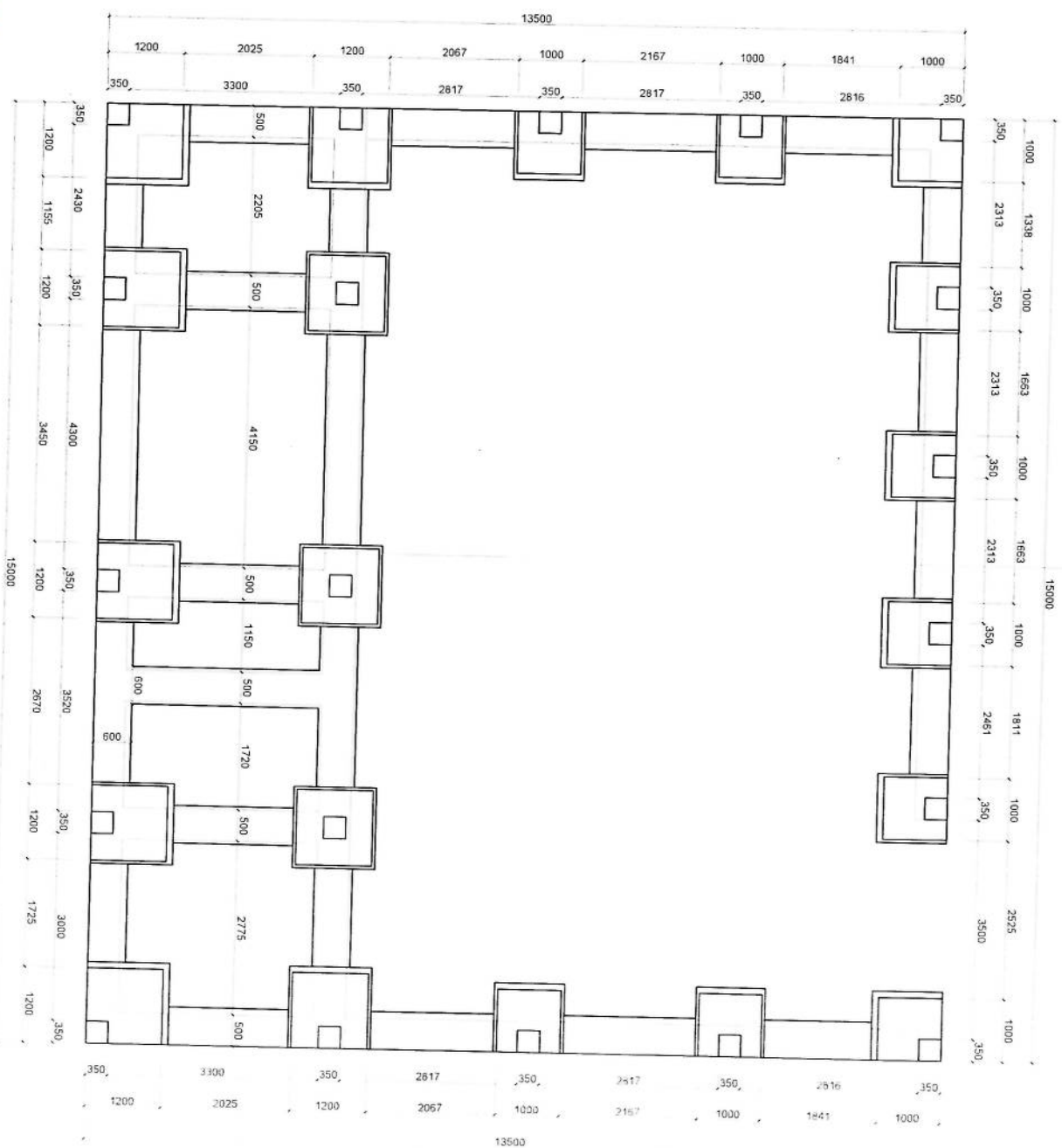


PERSPECTIVE
SCALE NTS

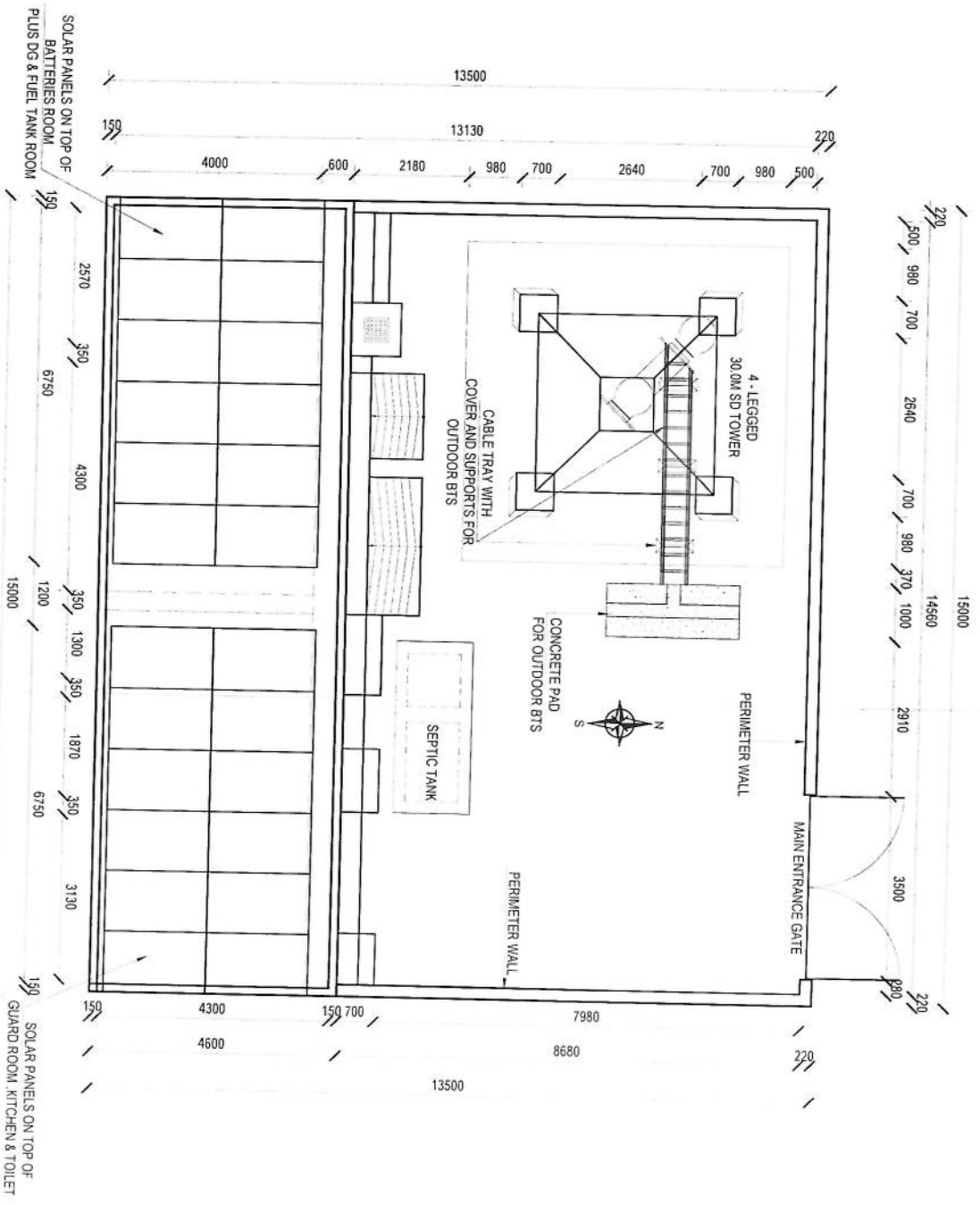
Handwritten signature
TOWER HEIGHT - 30m SO TOWER



Handwritten signature

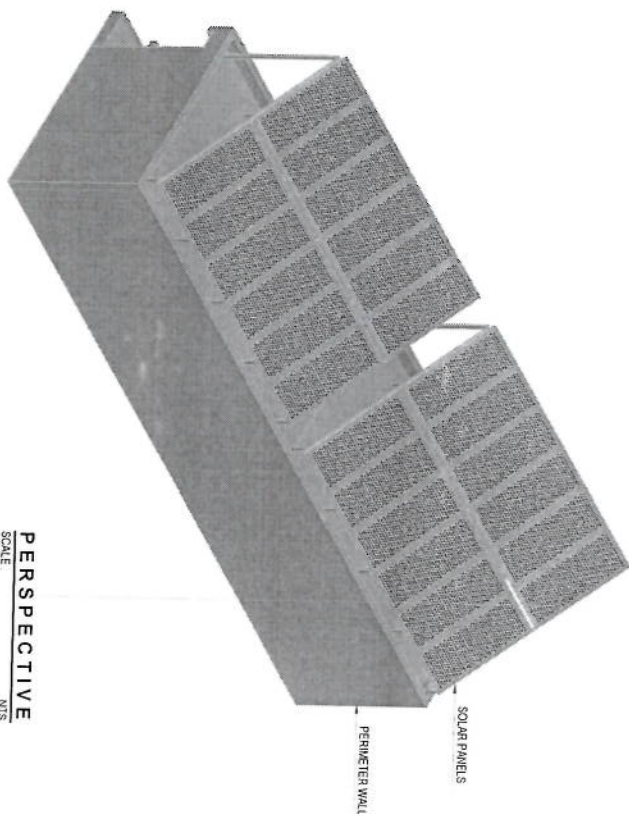


FOUNDATION PLAN
SCALE: 1:125



SITE PLAN
SCALE: 1:150M.

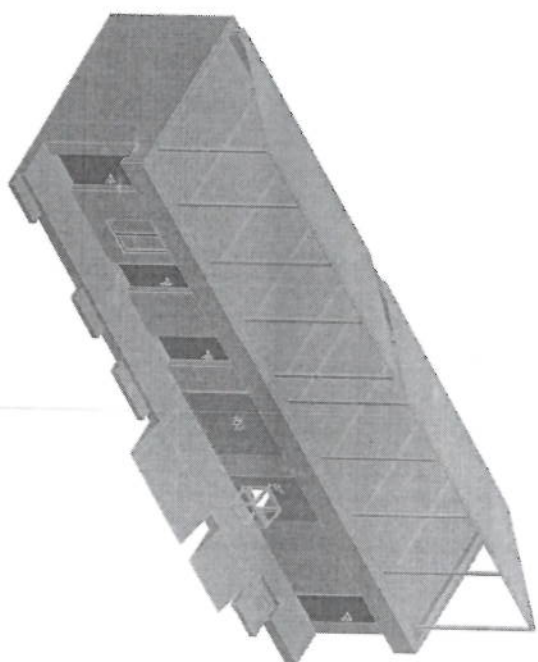
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SOLAR PANELS

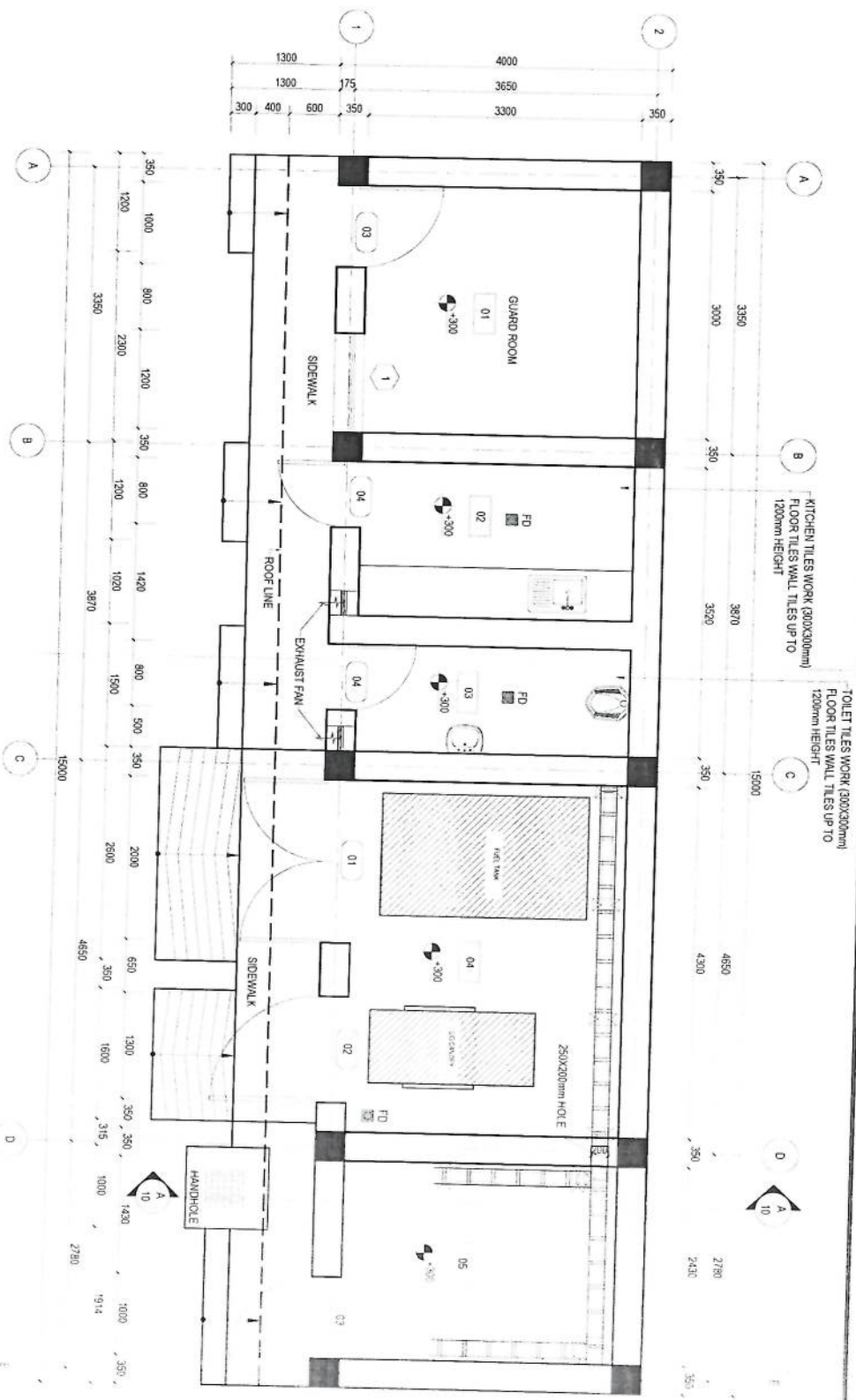
PERIMETER WALL

PERSPECTIVE
SCALE
NTS



NTS

[Handwritten signature]

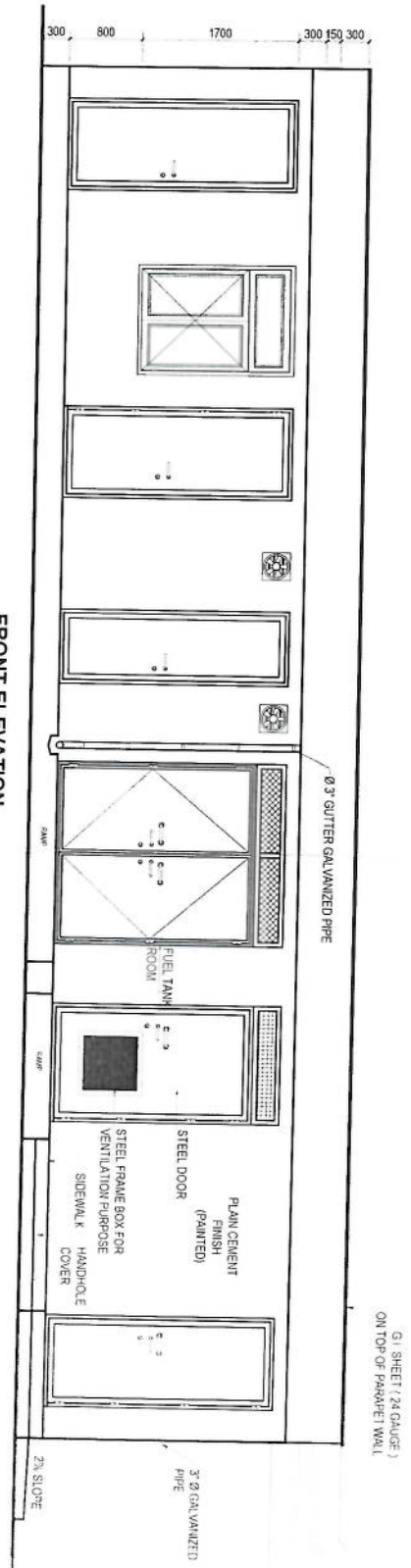


NOTE
1 ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED

FLOOR PLAN
SCALE 1:80

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

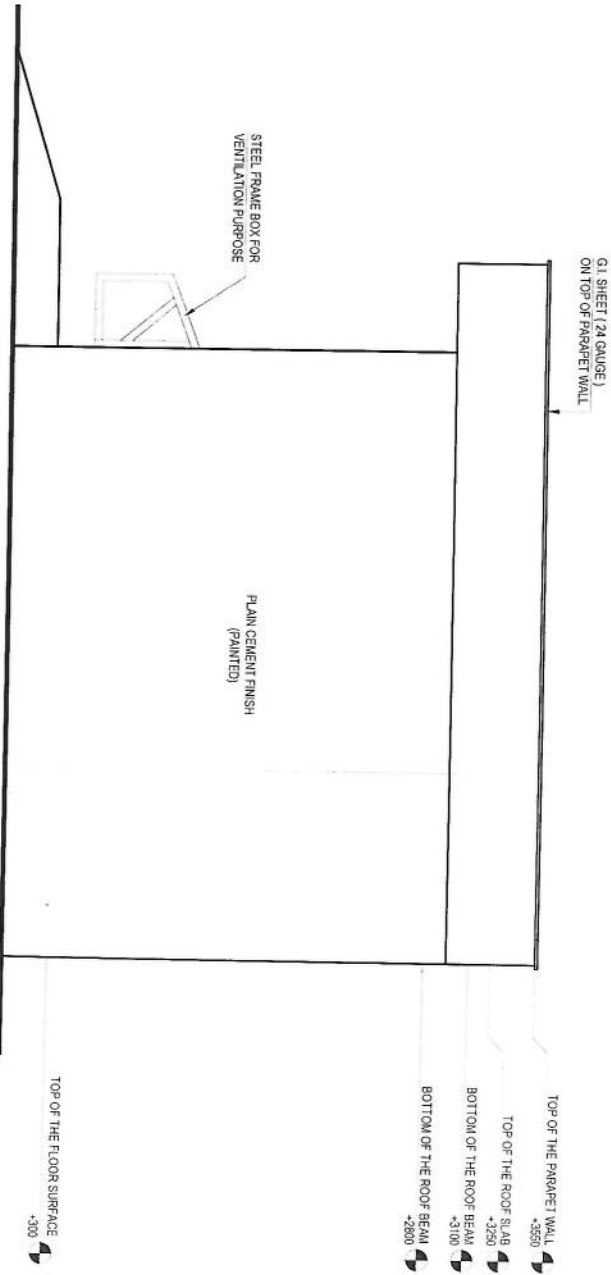
DW DOWN
FD FLOOR DRAIN
ELEVATION



FRONT ELEVATION
SCALE: 1/80

TOP OF THE PARAPET WALL
+350
TOP OF THE ROOF SLAB
+3250
BOTTOM OF THE ROOF BEAM
+3100
BOTTOM OF THE ROOF BEAM
+2800

GRADE LEVEL
+0.00

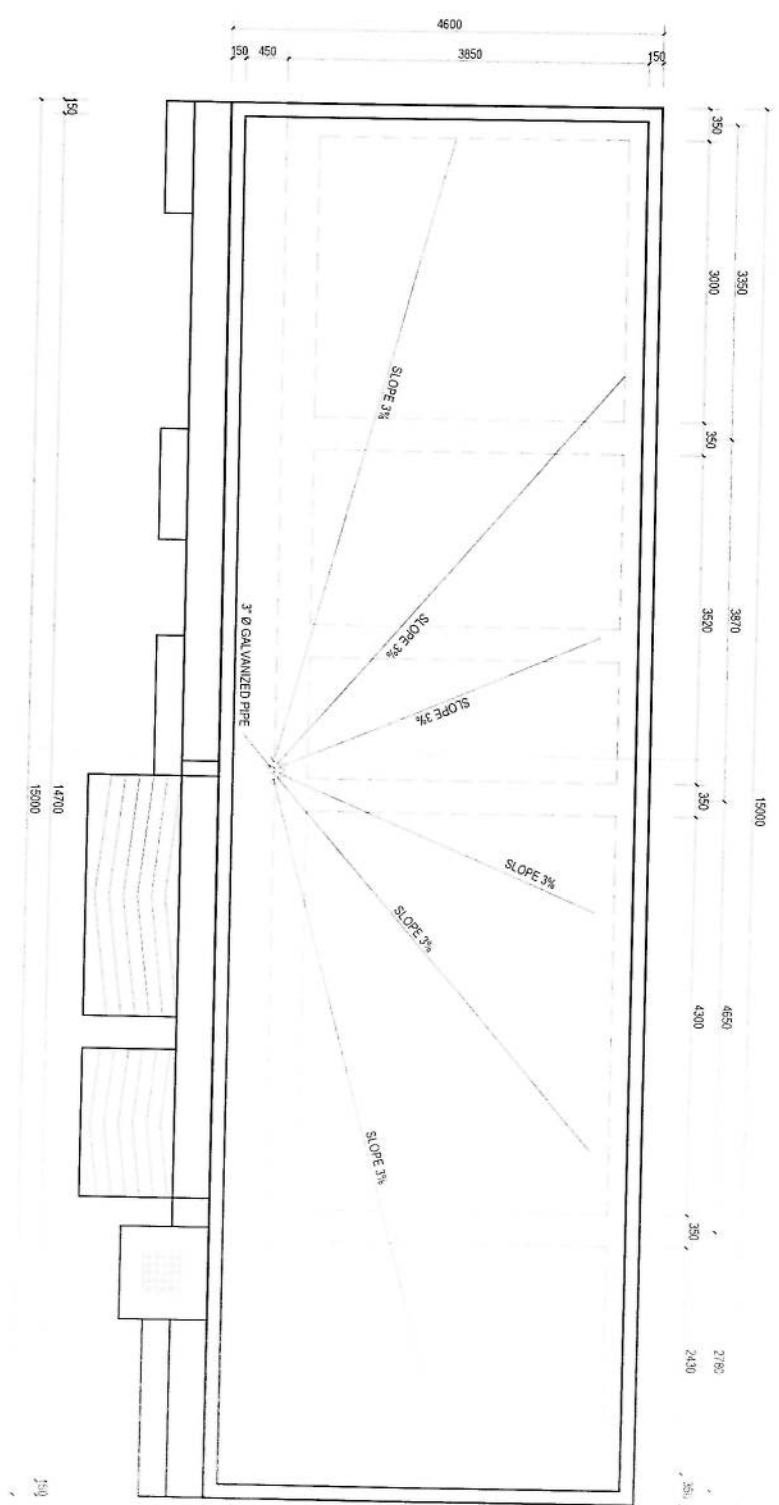


RIGHT ELEVATION
SCALE: 1/80

TOP OF THE PARAPET WALL
+350
TOP OF THE ROOF SLAB
+3250
BOTTOM OF THE ROOF BEAM
+3100
BOTTOM OF THE ROOF BEAM
+2800

TOP OF THE FLOOR SURFACE
+300
GRADE LEVEL
+0.00

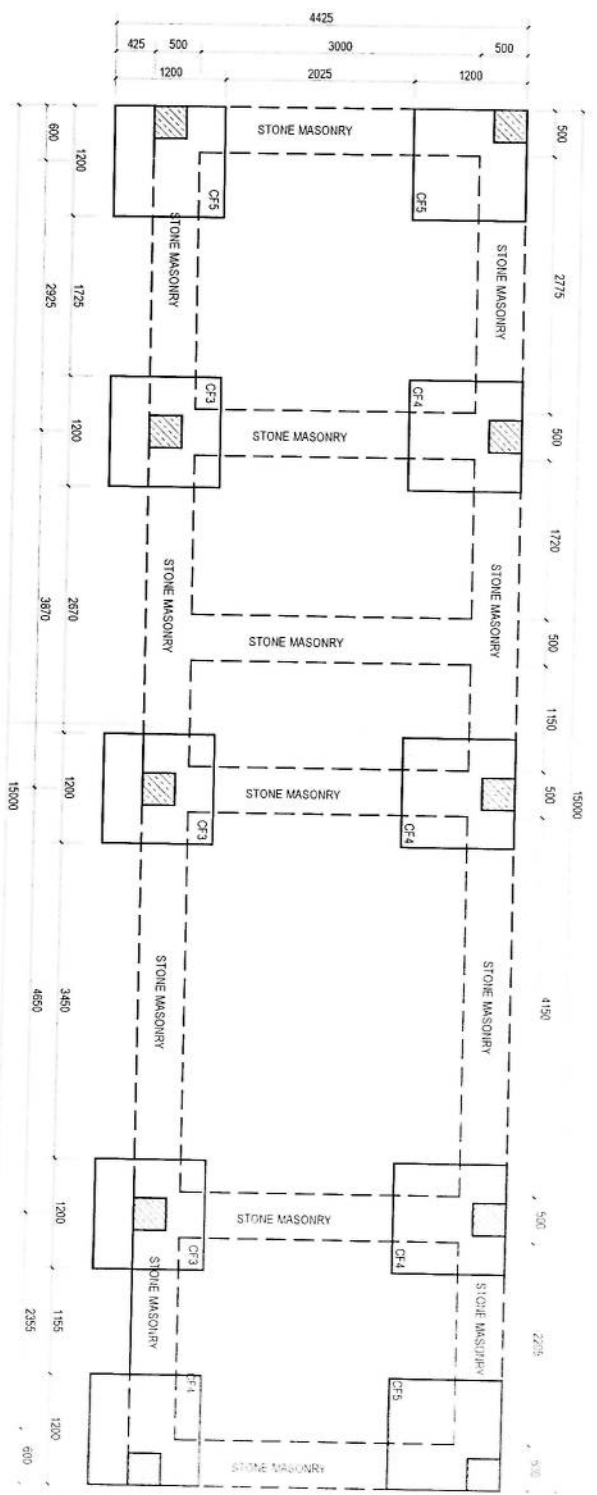
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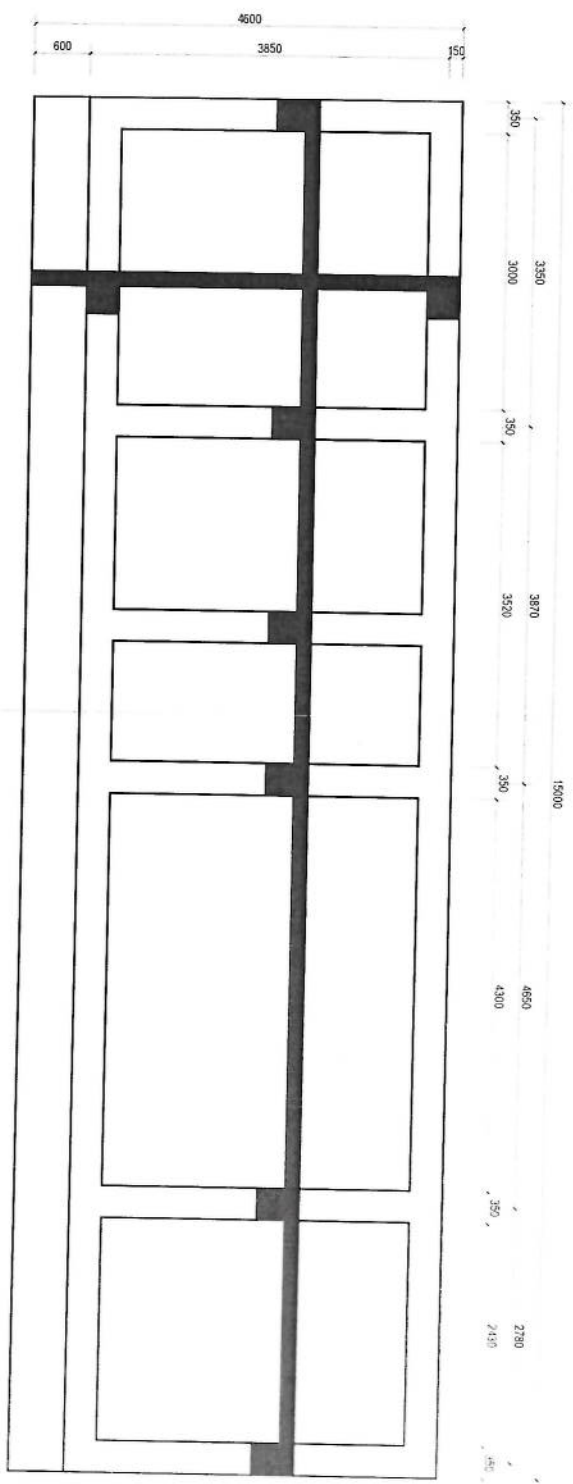
ROOF PLAN
SCALE 1/80

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

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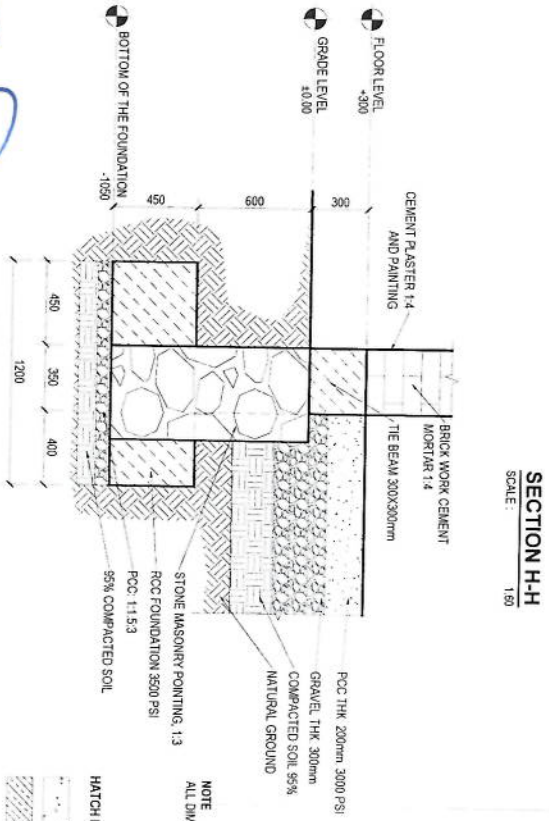
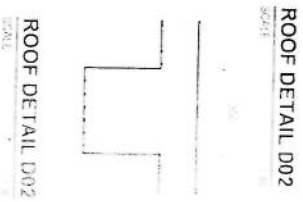
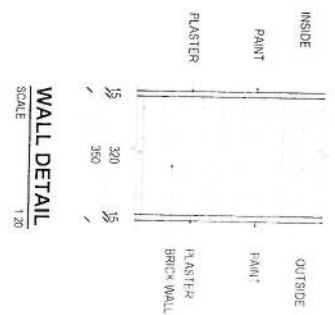
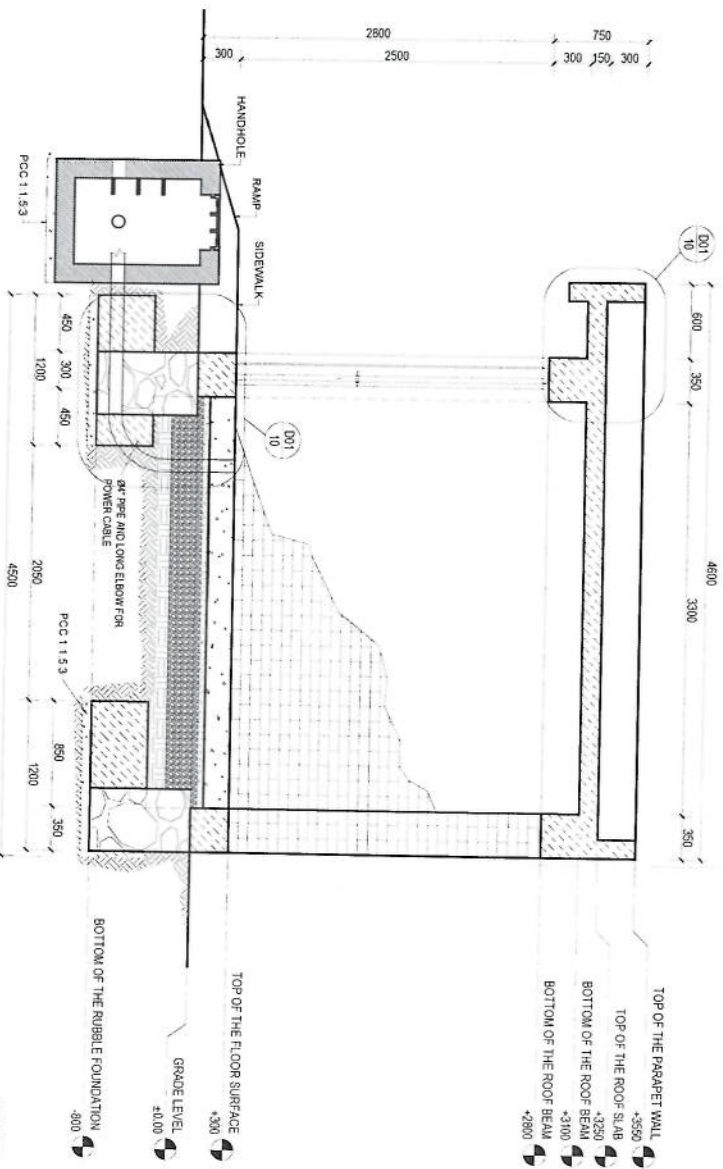


FOUNDATION PLAN
SCALE 1:80



SHUTTERING PLAN
SCALE 1:80

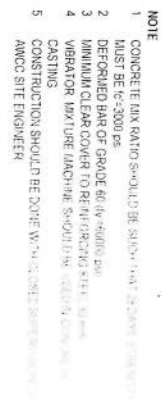
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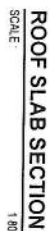
NOTE
ALL DIMENSIONS ARE IN MM AND ANGLES IN DEGREES UNLESS OTHERWISE NOTED

HATCH LEGEND

- PLAIN CONCRETE CEMENT
- REINFORCEMENT CONCRETE CEMENT
- OVERHEAD STRUCTURE
- BRICK SECTION
- BRICK, PLAN
- ELEVATION
- REINFORCEMENT COLUMNS
- DOWN

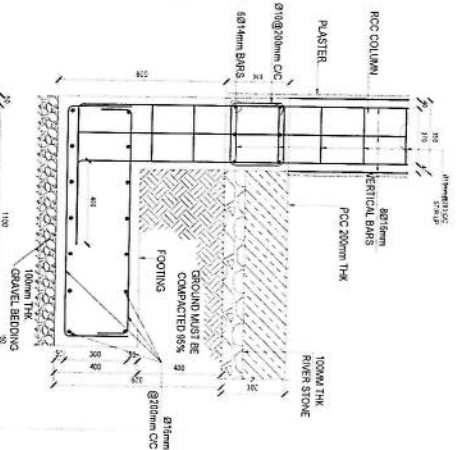


SCALE: 1 to 5

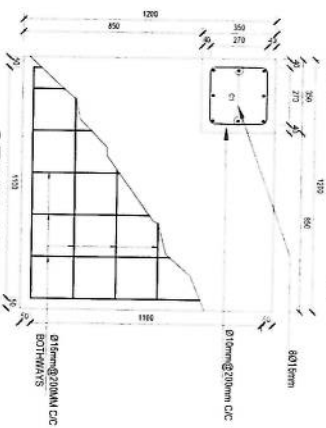


SCALE : 1:40

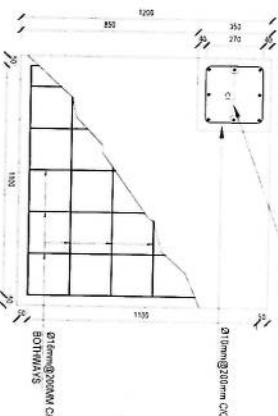
[Signature]



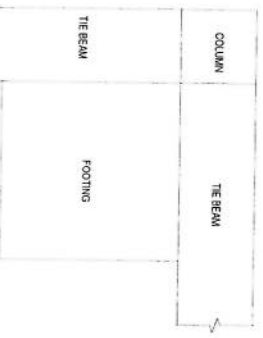
COLUMN FOOTING
SCALE: 1:20



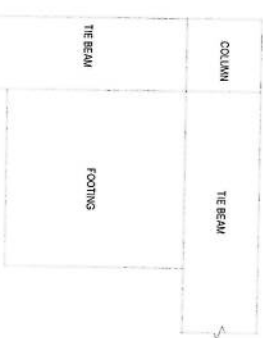
CF5 PLAN
SCALE: 1:20



CF5 PLAN
SCALE: 1:20



CF5 PLAN
SCALE: 1/20



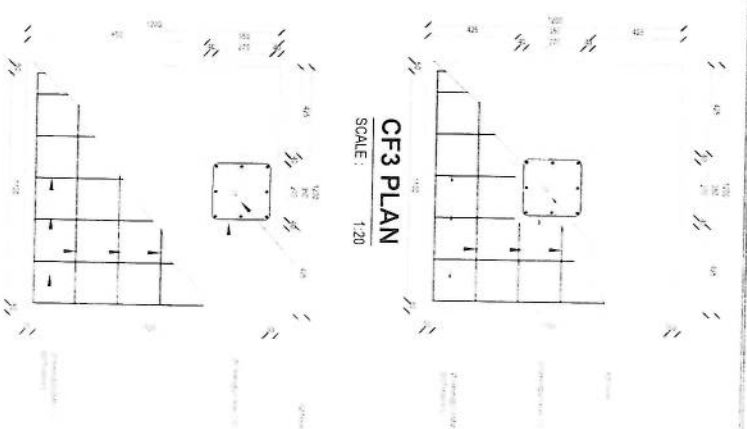
CF5 PLAN
SCALE: 1:20



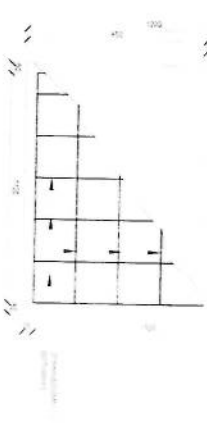
CF3 PLAN
SCALE: 1:20



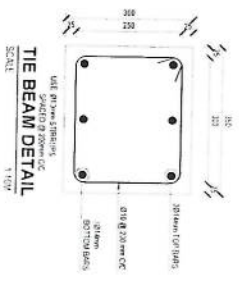
CF4 PLAN
SCALE: 1:20



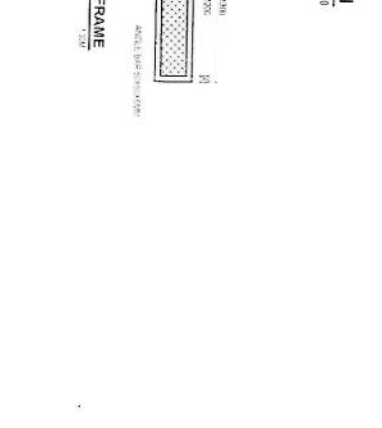
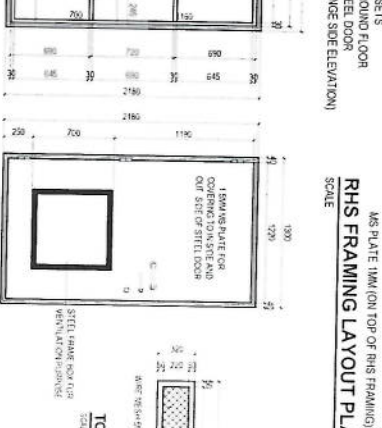
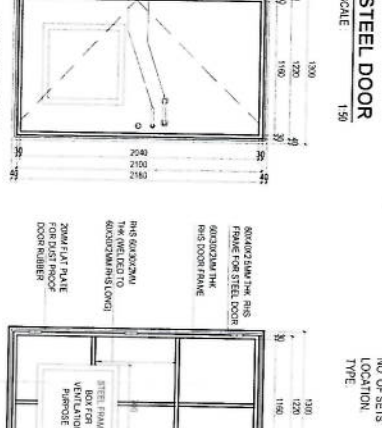
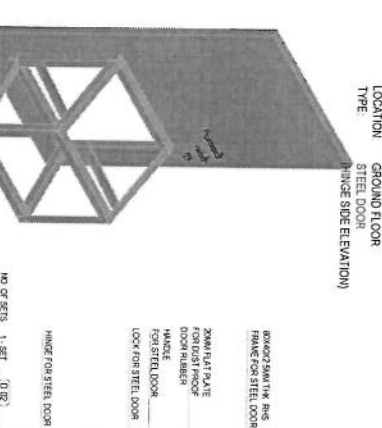
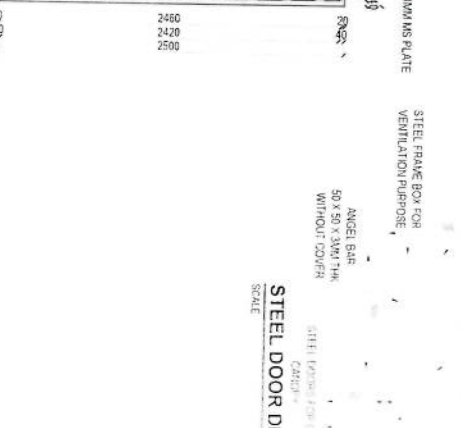
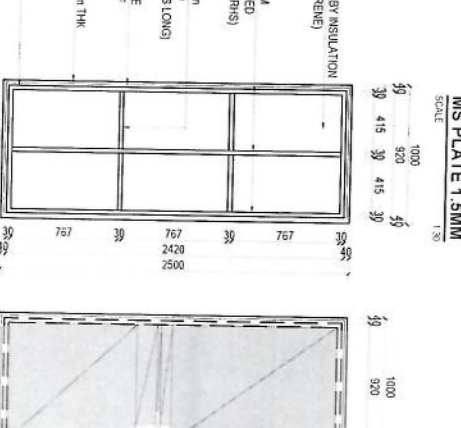
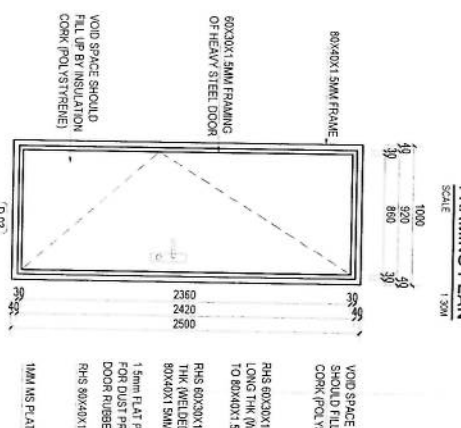
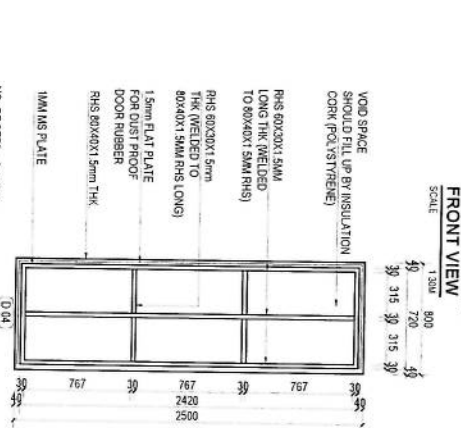
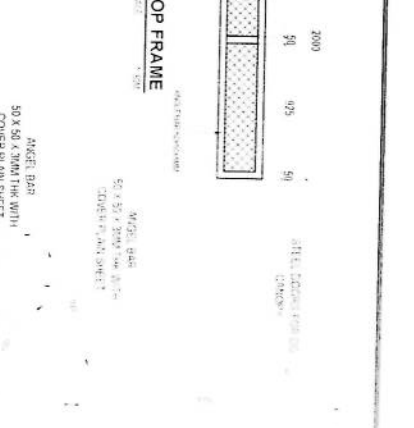
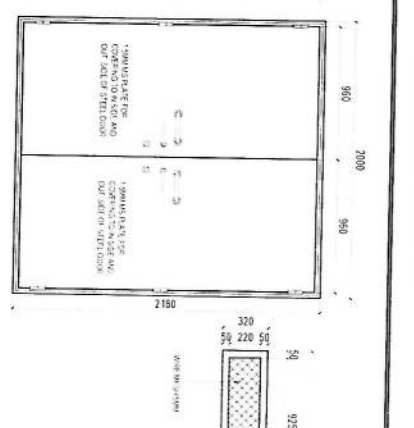
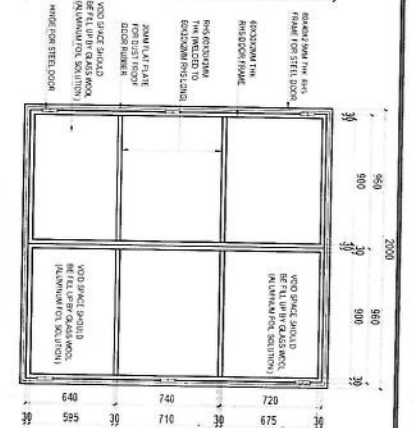
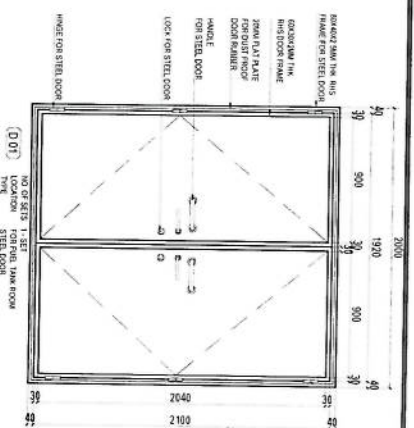
CF3 PLAN
SCALE: 1:20



CF4 PLAN
SCALE: 1:20



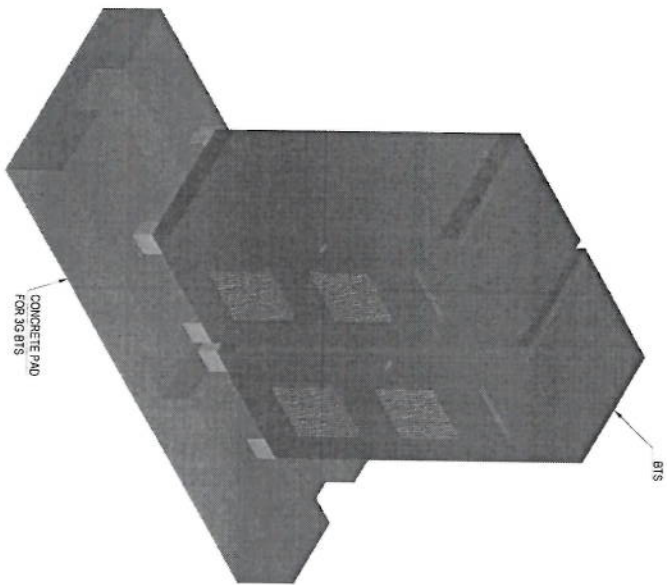
SPACED @ 200mm C/C
TIE BEAM DETAIL
Scale 1/100



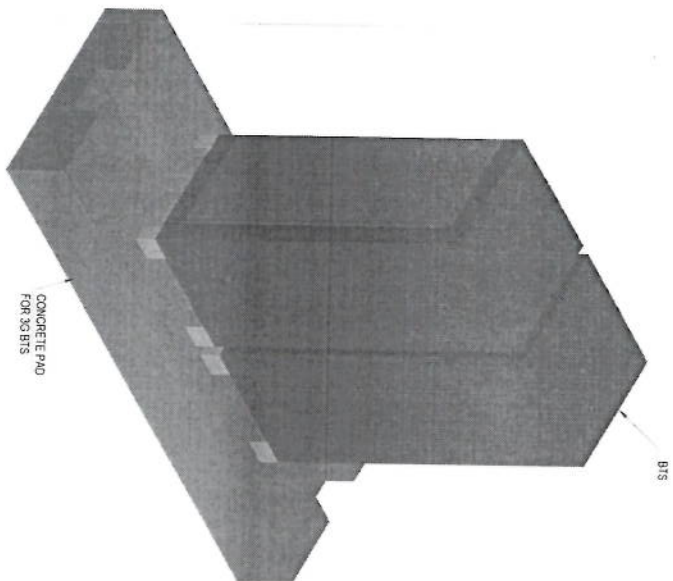
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Handwritten notes and signatures at the bottom right of the page.

Handwritten notes and signatures at the bottom left of the page.

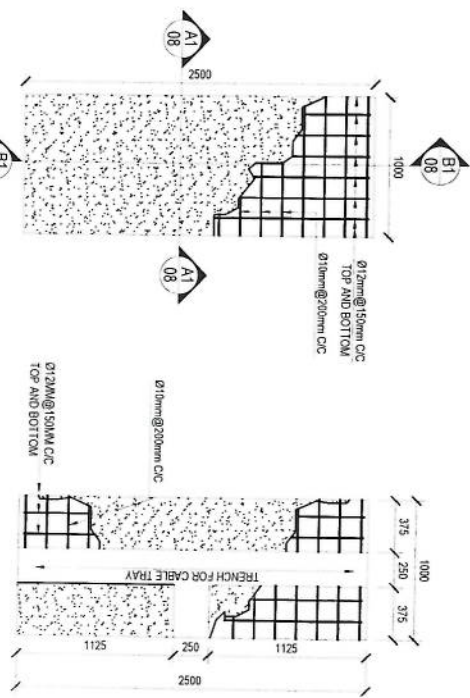


3D VIEW PLAN
SCALE: 1 INTS

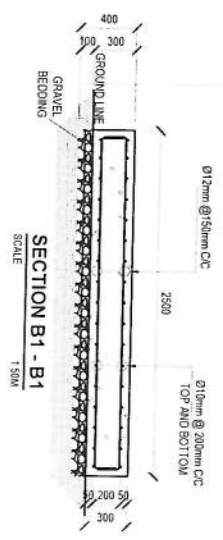


3D VIEW PLAN
SCALE: 1 INTS

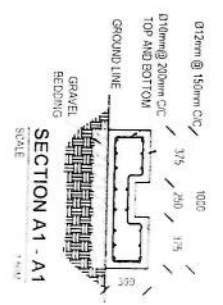
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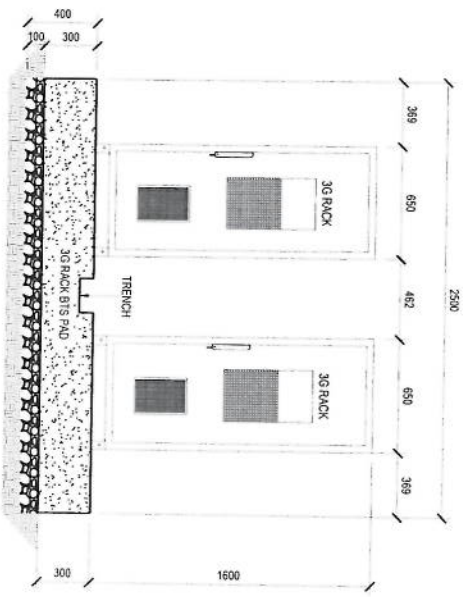
OUT DOOR BTS CONCRETE PAD DETAIL
SCALE: 1:300



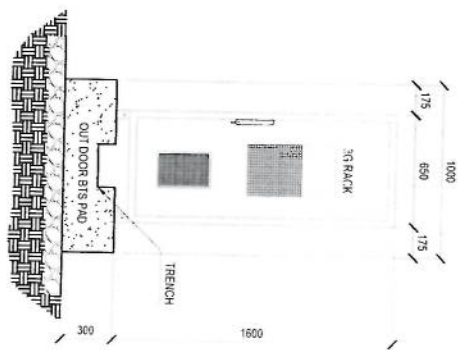
SECTION B1 - B1
SCALE 1:300



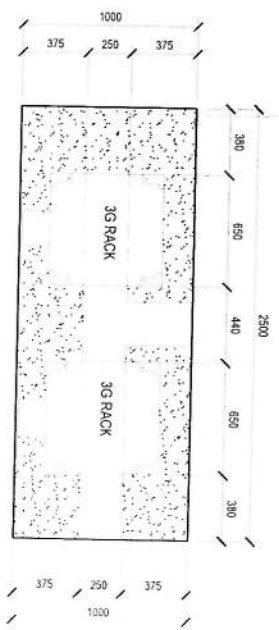
SECTION A1 - A1
SCALE 1:300



OUT DOOR BTS RACKS & PAD FRONT VIEW
SCALE 1:400



OUT DOOR BTS RACKS & PAD SIDE VIEW
SCALE 1:400



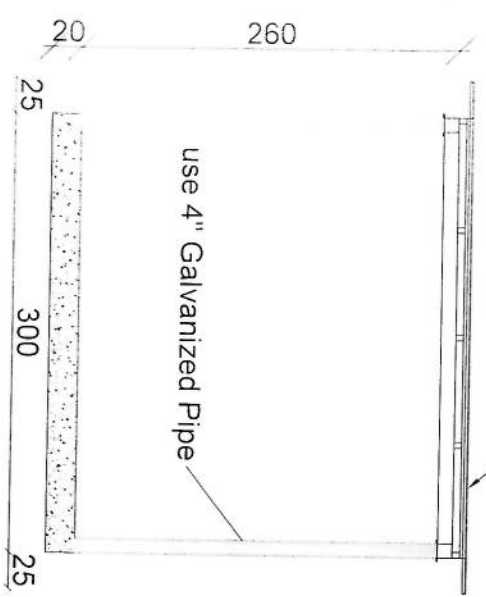
OUT DOOR BTS RACKS & PAD TOP PLAN
SCALE 1:400

Handwritten signature and initials in blue ink.

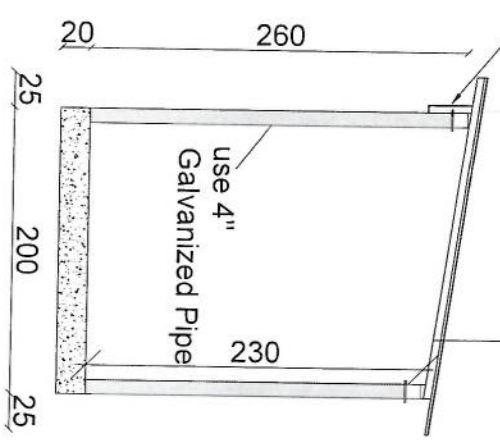
Use 24 Gage GI Sheet

24 Gage GI Sheet

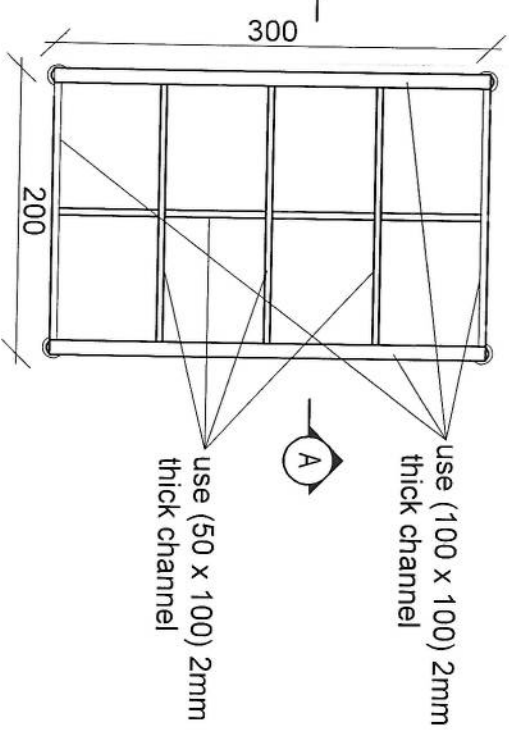
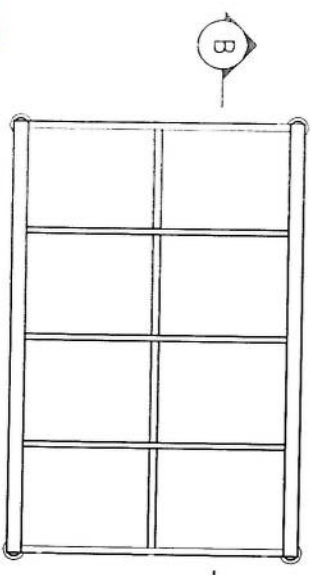
24 Gage GI sheet



Section BB



Section AA



SCALE: 1:50

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

LEGEND:
GRAVELLED ROCK
RCC

PROJECT TITLE / NO:
GSM SITES

DRAWING TITLE:
SUN SHELTER FOR ZTE BTS

DRAWN BY:
CIVIL TEAM

CHECKED BY:

APPROVED BY:

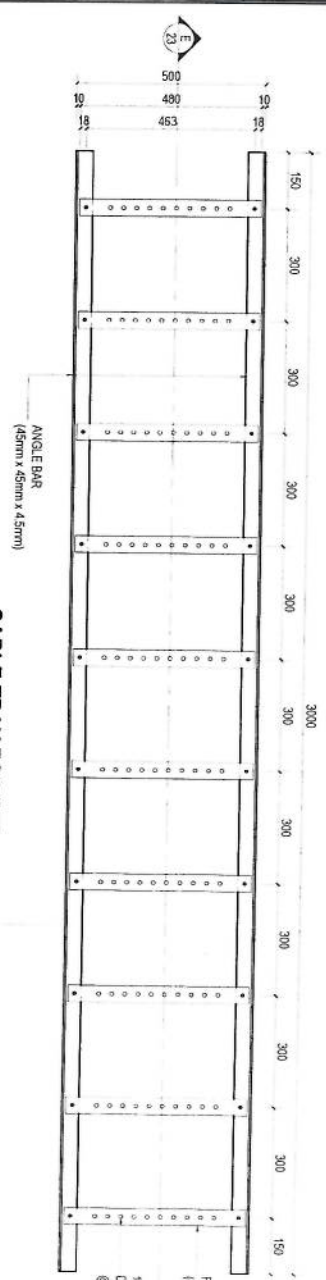
SCALE: 1:50

ACTUAL DATE: 17/04/2025

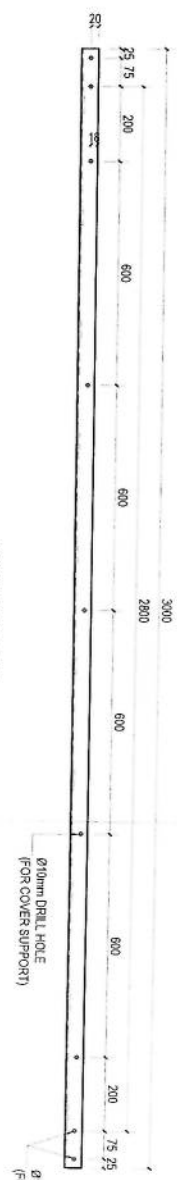
ISSUE DATE: DRG.NO: 17

OWNER: SATELITE TELECOM AFGHAN TELECOM

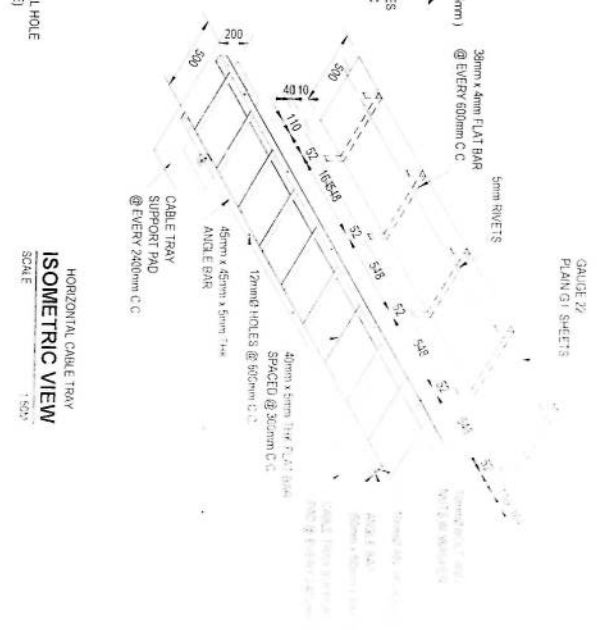
AFGHANISTAN



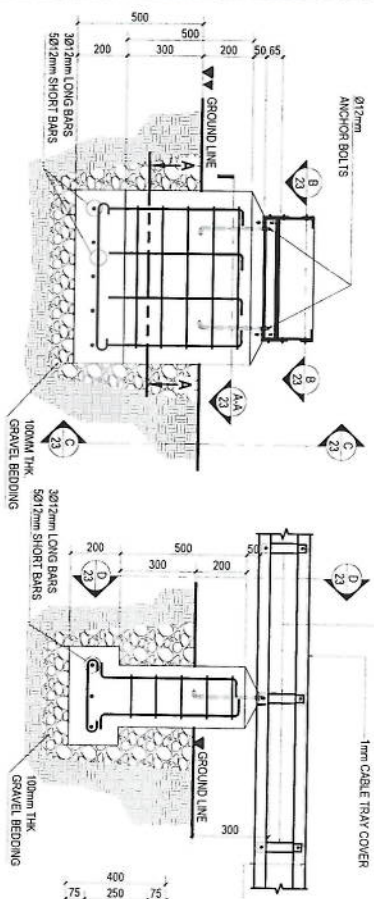
CABLE TRAY FOR BTS
SCALE: 1:20M



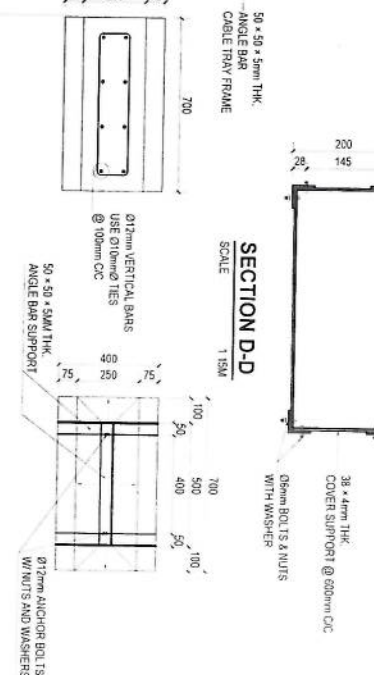
SECTION E-E
SCALE: 1:20M



HORIZONTAL CABLE TRAY ISOMETRIC VIEW
SCALE: 1:50M



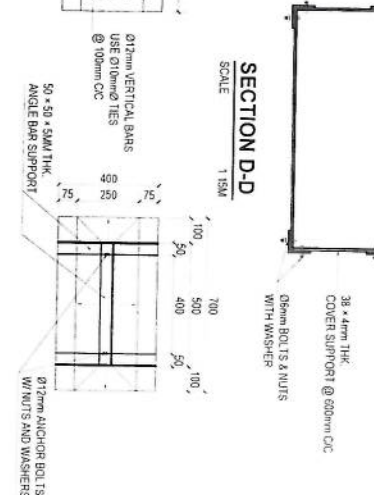
SECTION D-D
SCALE: 1:30M



SECTION C-C
SCALE: 1:30M

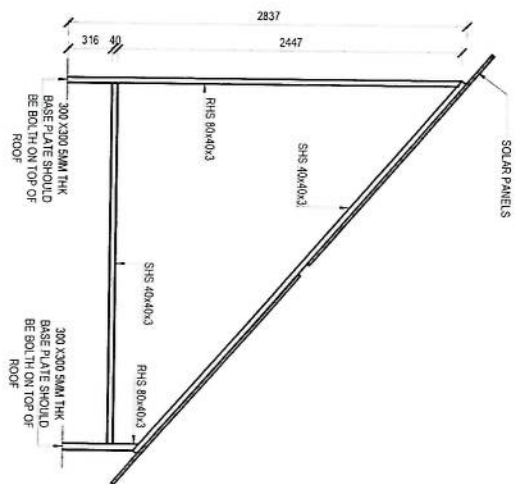
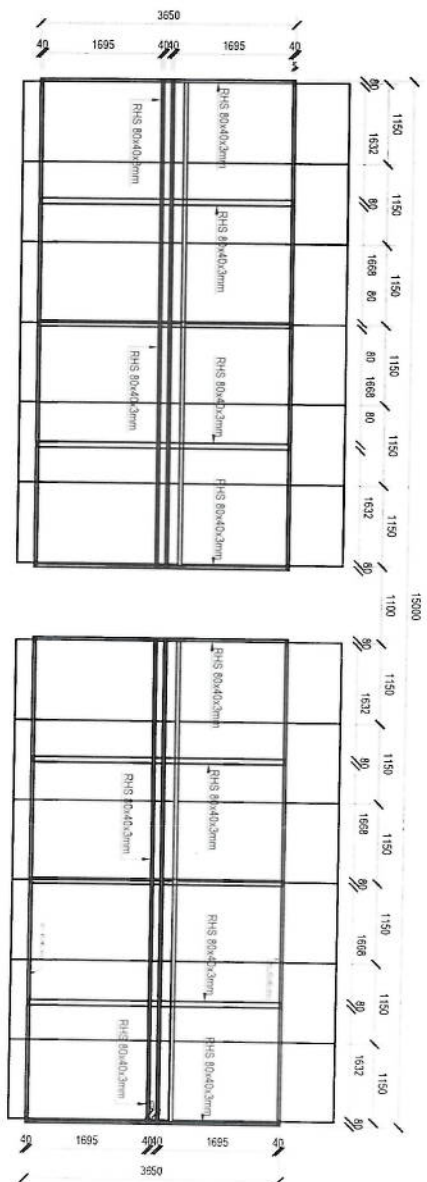


SECTION A-A
SCALE: 1:30M

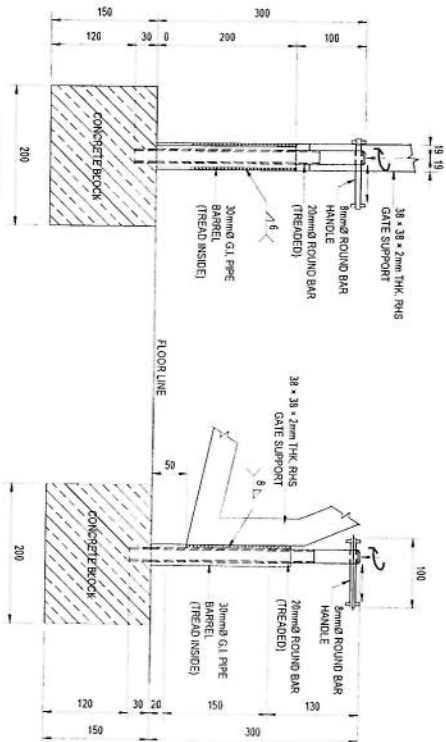
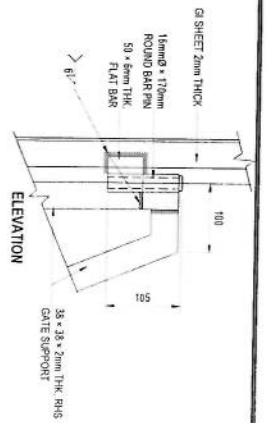
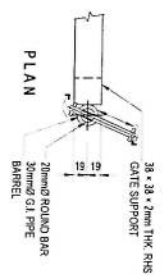


SECTION B-B
SCALE: 1:30M

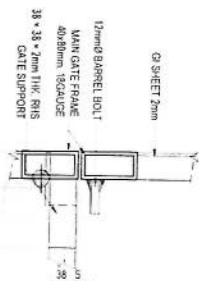
Handwritten signature



Handwritten signature or initials in blue ink.

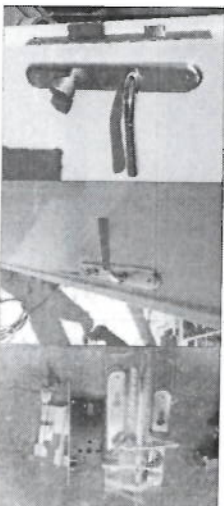
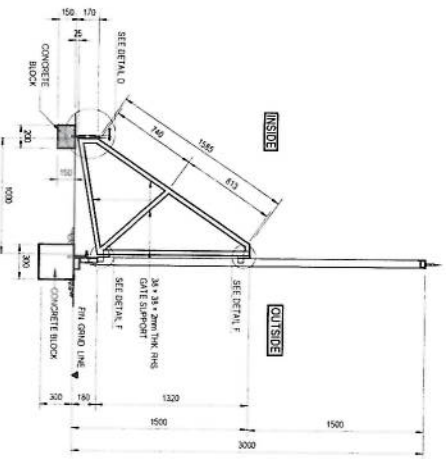
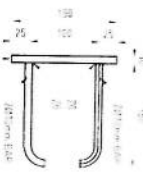


DETAIL D
SCALE 1:100

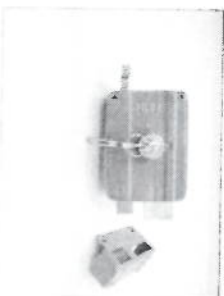


DETAIL F
SCALE 1:100

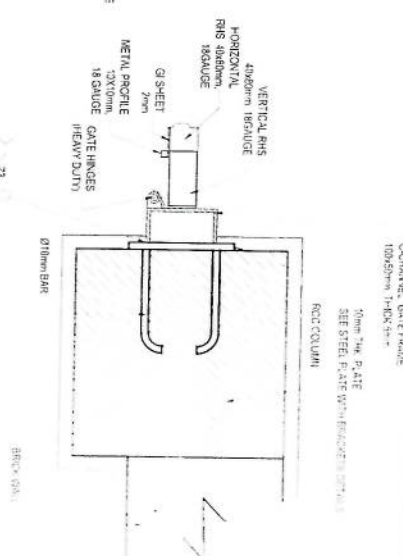
STEEL PLATE WITH BRACKETS
SCALE



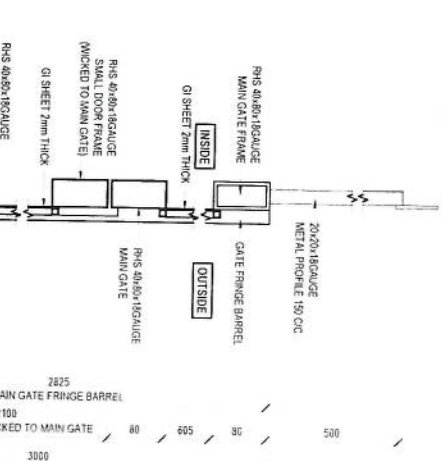
SCALE



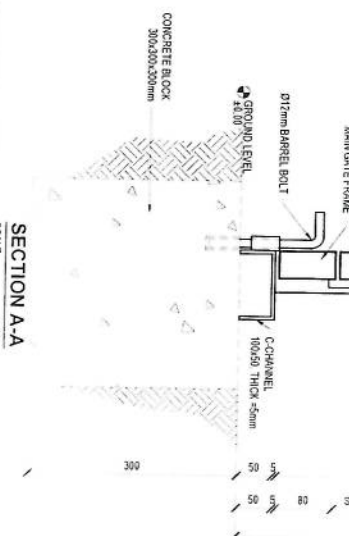
SCALE



1.2



1501 JGIM



SECTION A-A

C-CHAINING, GATE FIDELITY
100x50mm T-100 9mm x 100mm

10mm Thick Plate
SEE STEEL PLATE WITH FRAMING DETAIL

TOWER TYPE "AK1"

LATTICE Tower:40m

Loading-EPA=10 -Wind speed 160km/h



Handwritten signature in blue ink.

A
B
C
D
E
F
G

LATTICE Tower:40m
Loading-EPA=10 -Wind speed 160km/h
APPROVAL DRAWING
TOWER TYPE "AK1"



Omid Pishgami
Engineering Co.



SULTAN MAYSOM
ENGINEERING & LOGISTICS SERVICES



Handwritten signature in blue ink

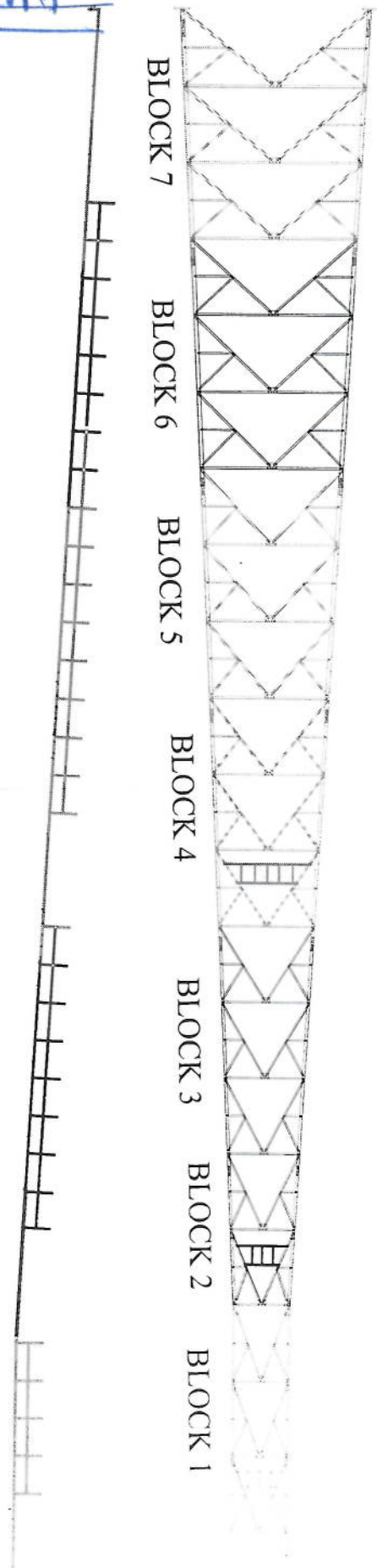
TOTAL WEIGHT IN 40 M G.F TOWER		
BLOCK NO.	BLOCK HEIGHT (M)	WEIGHT
BLOCK 1	6	705.96 kg
BLOCK 2	4	473.02 kg
BLOCK 3	6	650.17 kg
BLOCK 4	6	938.12 kg
BLOCK 5	6	1036.82 kg
BLOCK 6	6	1267.39 kg
BLOCK 7	6	1508.92 kg
LADDER		740.09 kg
SUPPORTER		161.29 kg
BASE		524.41 kg
TOTAL		8006.20 kg

G F E D C B A

RED	WHITE	RED	WHITE	RED
-----	-------	-----	-------	-----

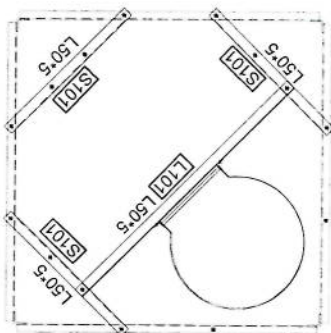
40M TOWER VIEW

BLOCK 7 BLOCK 6 BLOCK 5 BLOCK 4 BLOCK 3 BLOCK 2 BLOCK 1

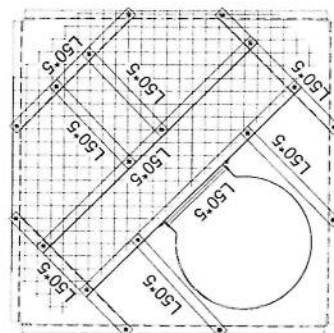


SCALE		DAKASAZAN DWG NO.		REV		SH. / TOTAL	
FORMAT: A1		DESIGN STAGE		DETAIL		DESIGN	
DESIGN AND MANUFACTURER		DAKASAZAN KALAN CO.		SK		Engineering Co.	
CONTRACTOR		SULTAN MASYOUM		ENGINEERING & LOGISTICS SERVICES			
TITLE		APPROVAL DRAWING		FOR TOWER TYPE 40-160-EPA10(AK1-40m)		PANEL 4	
CLIENT		AFGHAN TELECOM					
REV	DESCRIPTION	DESIGN	QUANTITY	CHECK	APPROV	DATE	
2	FIRST ISSUE	A.G.H	10	10.07.10	A.G.H	10.07.10	

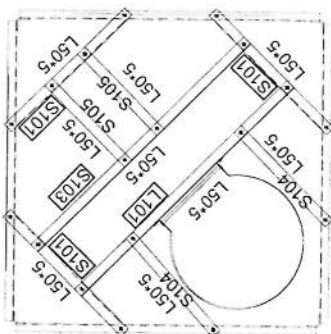
SECTION 1-1



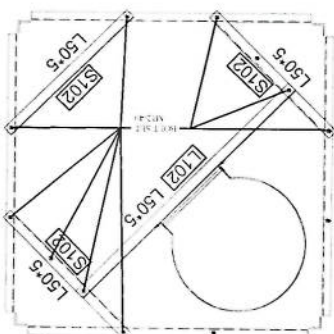
SECTION 2-2



SECTION 2-2



SECTION 3-3



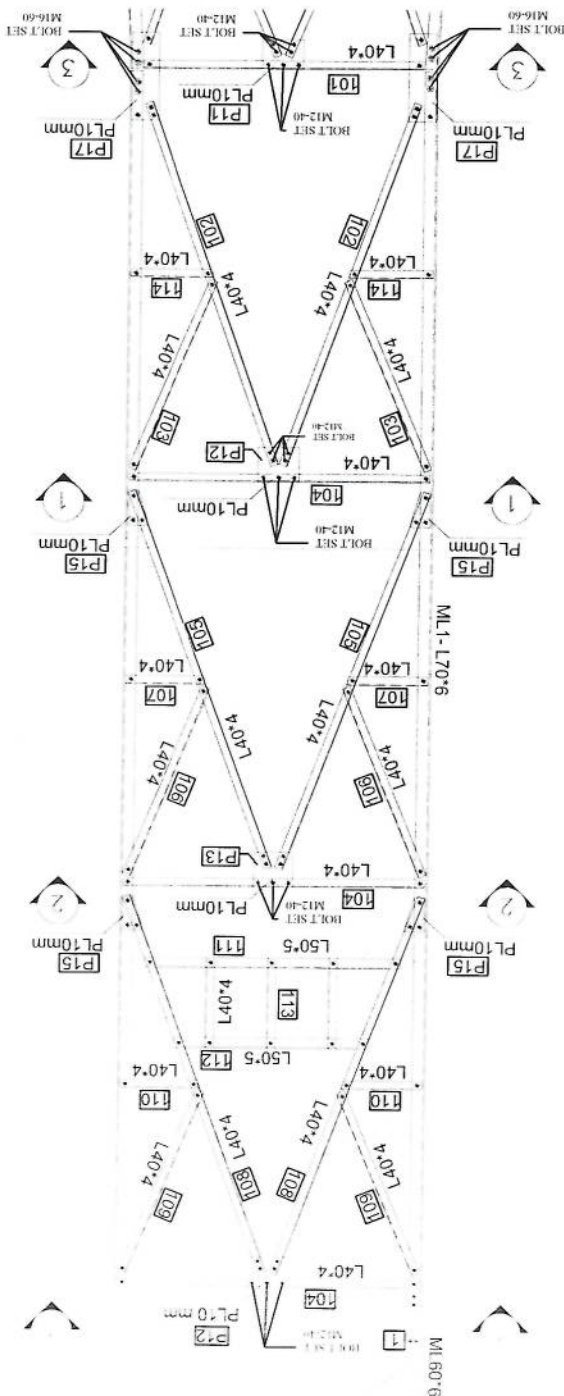
PROFILES GRADE LEGEND

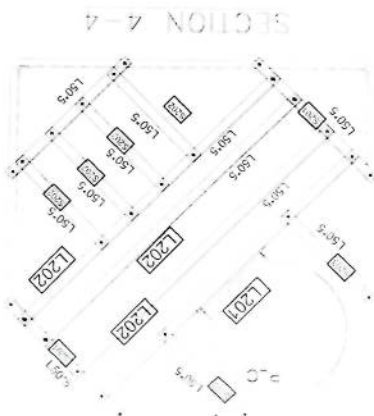
2-ML=ST50

2-ML=ST50

4-ALL JOINT PLATES ARE ST52

NOTE:
1. ALL BOLT SET IN BRACING ARE M12-40
2. ALL BOLT SET IN MAIN LEGS ARE M16-60

[illegible]

[illegible]

~~SECRET~~

Block	Mark	Description	Length	WEIGHT	Qty	Total Weight
BLS	MLS	L 100X8	6.005	74.592909	4	298.371636
BLS	501	L50X5	3.888	13.7847372	4	55.1389488
BLS	502	L50X5	3.882	12.9933058	4	51.9732232
BLS	503	L50X5	3.177	12.2057163	4	48.8228652
BLS	504	L50X5	2.648	10.1733512	8	81.3868096
BLS	505	L40X4	1.24	3.052508	8	24.420064
BLS	506	L40X4	0.818	2.0136706	8	16.1093648
BLS	507	L50X5	2.577	9.9005763	8	79.2046104
BLS	508	L40X4	1.208	2.9737336	8	23.7898688
BLS	509	L40X4	0.771	1.8979707	8	15.1837656
BLS	510	L50X5	2.514	9.6585366	8	77.2682928
BLS	511	L40X4	1.177	2.8974209	8	23.1793672
BLS	512	L40X4	0.724	1.7822708	8	14.2581664
BLS	L503	L60X5	1.98	9.197694	3	27.593082
BLS	S 503	L60X5	1.98	9.197694	9	82.779246
BLS	P51	PL260*180*10	1	3.7801	4	15.1204
BLS	P52	PL260*180*10	1	3.7801	4	15.1204
BLS	P 53	PL260*180*10	1	3.7801	4	15.1204
BLS	Bolt Set	M16-60	1	0.16274	64	10.41536
BLS	Bolt Set	M12-40	1	0.06798	288	19.57824
BLS	M5	L80X7	0.42	3.638166	4	14.552664
BLS	P5	PL420*90*10	1	3.0591	8	24.4728
BLS	Washer		1	0.008446	350	2.9561
				TOTAL WEIGHT		1036.82 kg

SCALE: 1:1000
 DRAWING NO: 101A
 SHEET NO: 1
 DATE: 10/10/20

DESIGN AND MANUFACTURE
 DAKASAZAN
 KALAN CO.

CONTRACTOR
SHIRIN MYSOOM

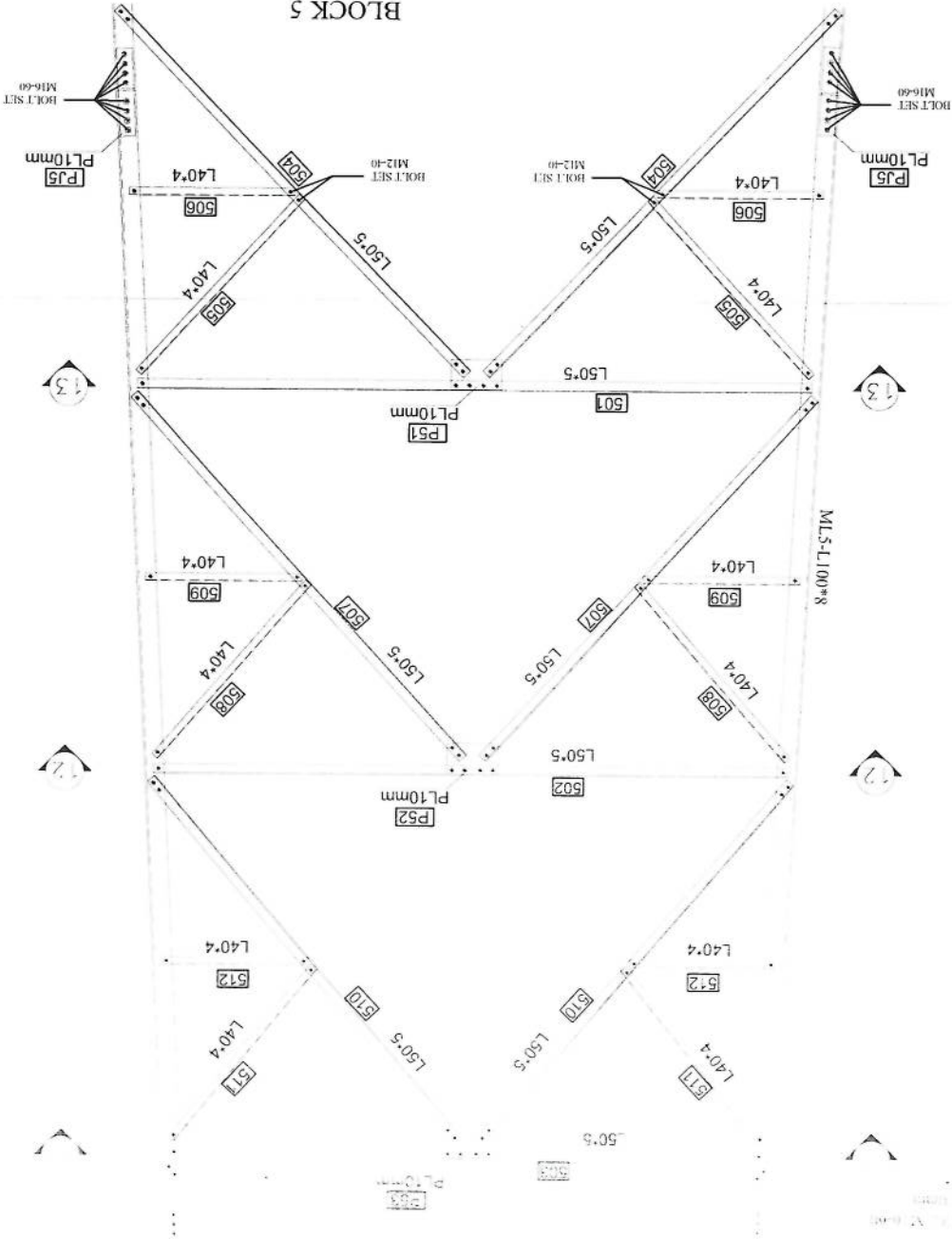
APPROVAL DRAWING
 FOR TOWER TYPE 40-160-EPA10(AK1-40m)
 PANEL 4

CLIENT
 AFGHAN TELECOM

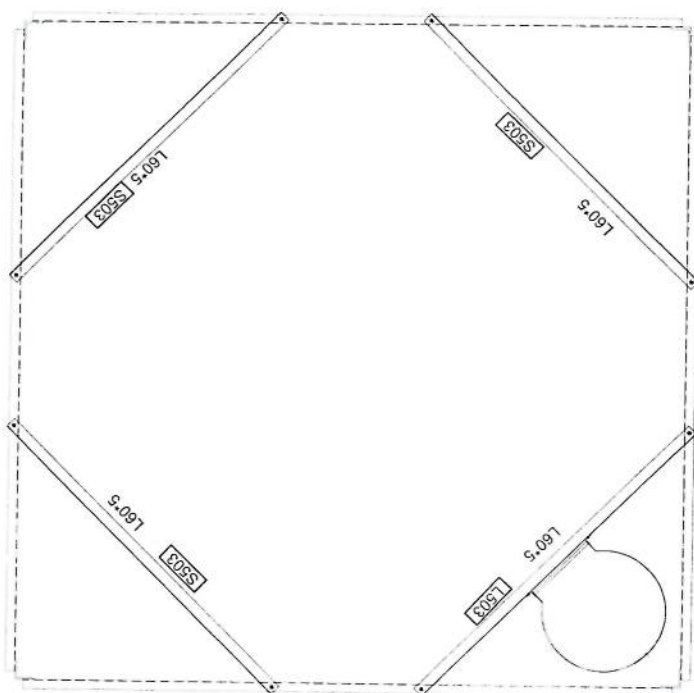
REVISION
 NO. 1
 DATE: 10/10/20

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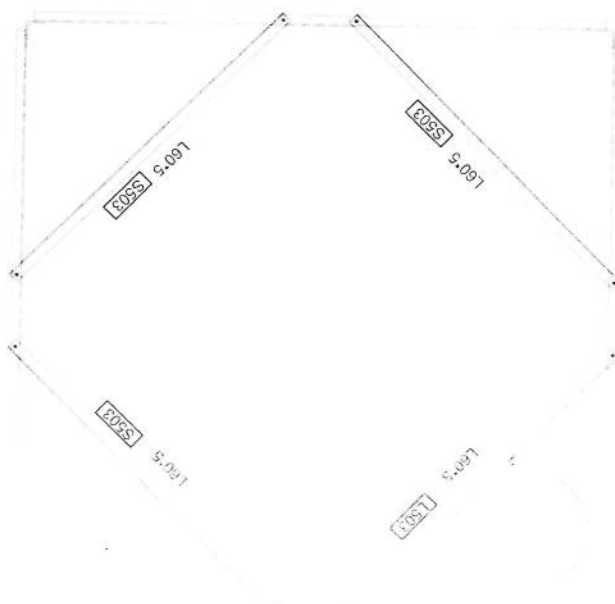
BLOCK 5



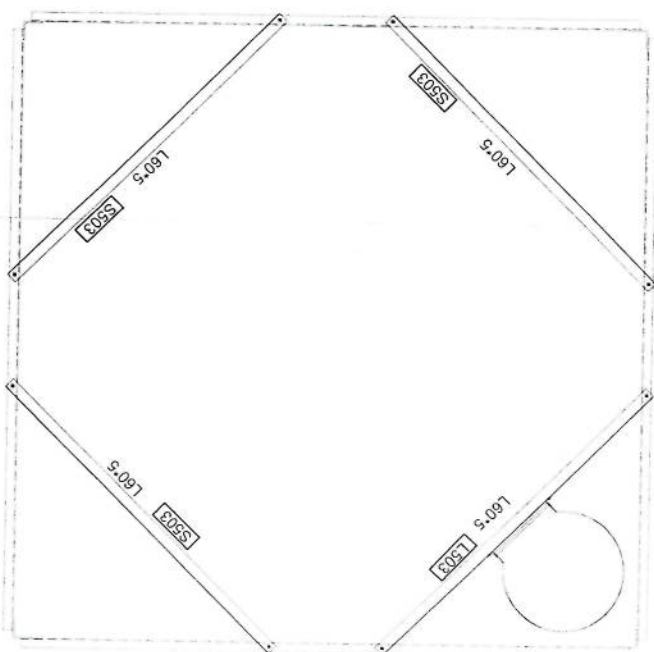
SECTION 13-13



SECTION 11-11



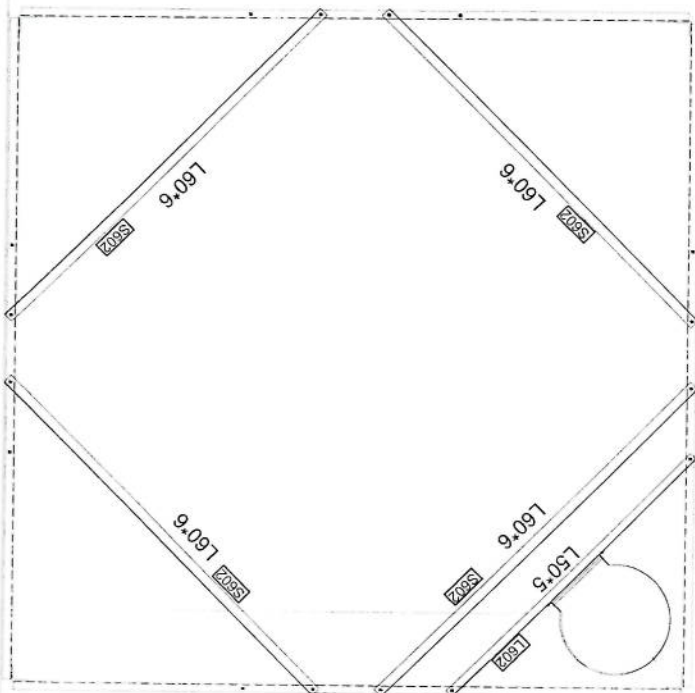
SECTION 12-12

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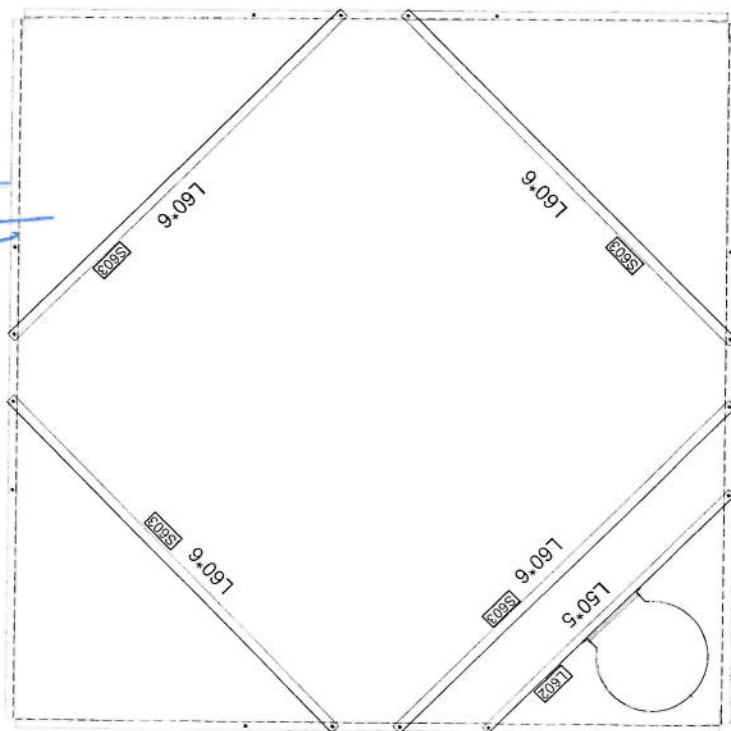
SCALE: 1:500
 DRAWN BY: SK
 CHECKED BY: SK
 DATE: 10/10/2019
 PROJECT: DAKHLAN CO.
 DRAWING NO: 10/10/2019
 TITLE: APPROVAL DRAWING FOR TOWER TYPE 40-160-CPA10(AK)-40m
 CLIENT: AFGHAN TELECOM

Handwritten signature and date: 10/10/2019

SECTION 15-15



SECTION 16-16



Block	Mark	Description	Length	WEIGHT	Qty	Total Weight
B.6	V.6	100X10	6.005	92.252438	4	369.129752
B.6	601	50X5	4.205	16.1551895	4	64.620758
B.6	602	50X5	3.999	15.3637581	4	61.4550324
B.6	603	50X5	3.793	14.5723267	4	58.2893068
B.6	604	50X5	2.856	10.9724664	8	87.7797312
B.6	605	40X4	1.342	3.3036014	8	26.4288112
B.6	606	40X4	0.954	2.3484618	8	18.7876944
B.6	607	50X5	2.781	10.6843239	8	85.4745912
B.6	608	40X4	1.306	3.2149802	8	25.7198416
B.6	609	40X4	0.906	2.2303002	8	17.8424016
B.6	610	50X5	2.708	10.4038652	8	83.2309216
B.6	611	40X4	1.271	3.1288207	8	25.0305656
B.6	612	40X4	0.858	2.1121386	8	16.8971088
B.6	L.601	50X5	7.6838	7.6838	1	7.6838
B.6	L.602	50X5	1.999	7.6799581	2	15.3599162
B.6	S.601	60X6	2.434	13.4626974	4	53.8507896
B.6	S.602	60X6	2.578	14.2591758	4	57.0367032
B.6	S.603	60X6	2.724	15.0667164	4	60.2668656
B.6	P.61	PL300*200*10	1	4.8513	4	19.4052
B.6	P.62	PL300*200*10	1	4.8513	4	19.4052
B.6	P.63	PL300*200*10	1	4.8513	4	19.4052
B.6	PJ.6	PL420*90*10	1	3.0591	8	24.4728
B.6	MJ.6	L80X7	0.42	3.638166	4	14.552664
B.6	Bolt Set	M16-60	1	0.16274	64	10.41536
B.6	Bolt Set	M12-40	1	0.06798	318	21.61764
B.6	Washer		1	0.008446	382	3.226372
Total Weight						1267.39 Kg

			
			
APPROVAL DRAWING FOR TOWER TYPE 40-160-EPA10(AK1-40m) PANEL 4			
DESIGN AND MANUFACTURE			
CONTRACTOR			
SCALE: 1:100			
DATE: 01.07.20			

PROFILES GRADE LEGEND

1-L = ST37

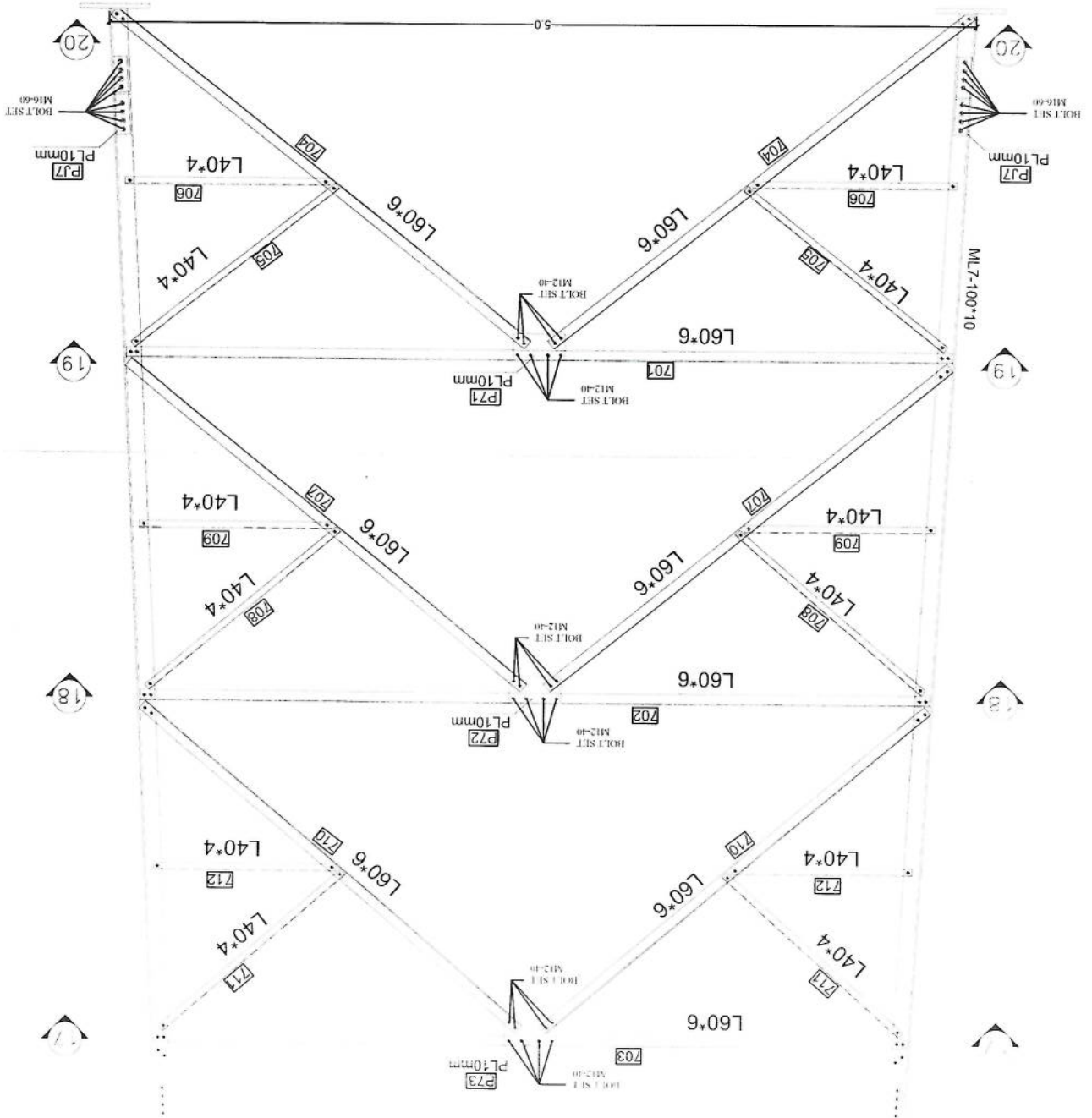
2-ML = ST50

3-HT = ST52

4-ALL JOINT PLATES ARE ST52

Handwritten signature

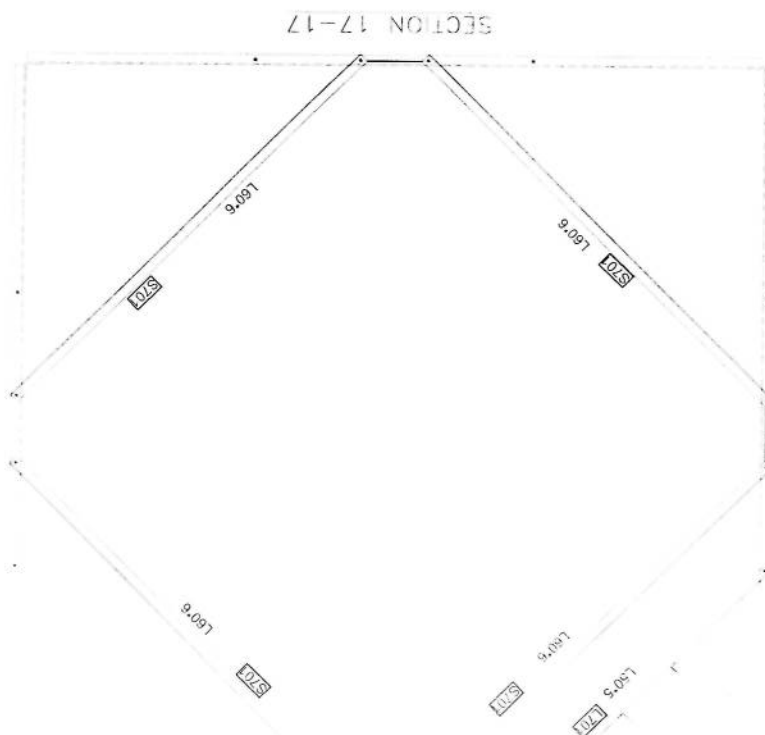
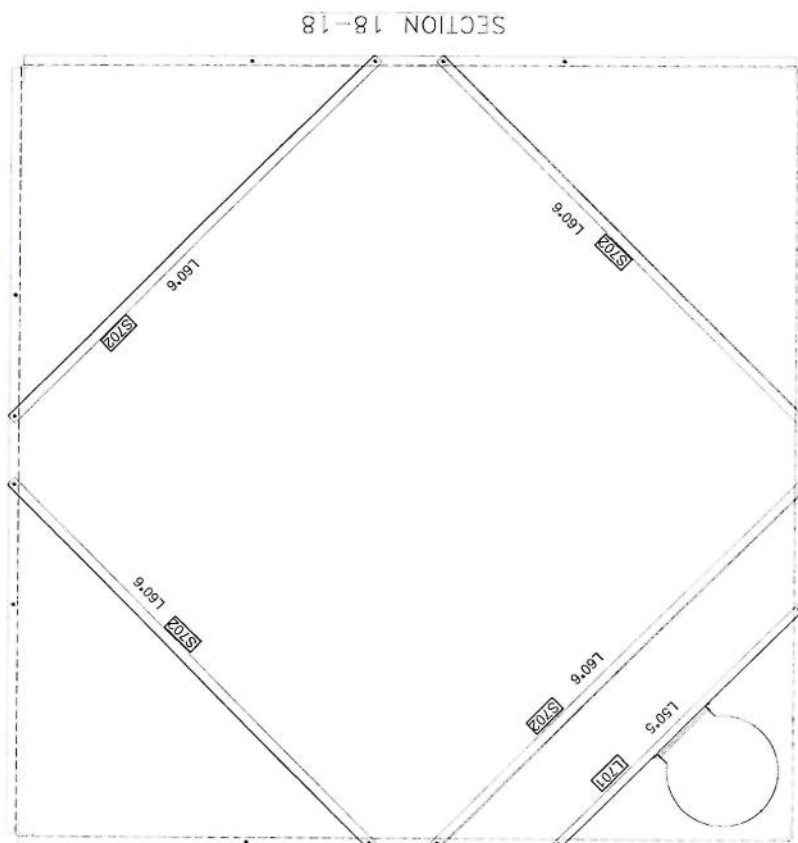
BLOCK 7



ALL JOINTS AND JOINT PLATES ARE ST52

ALL BOLTS ARE ST50

ALL DIMENSIONS ARE IN METERS



SECTION 18-18

SECTION 17-17

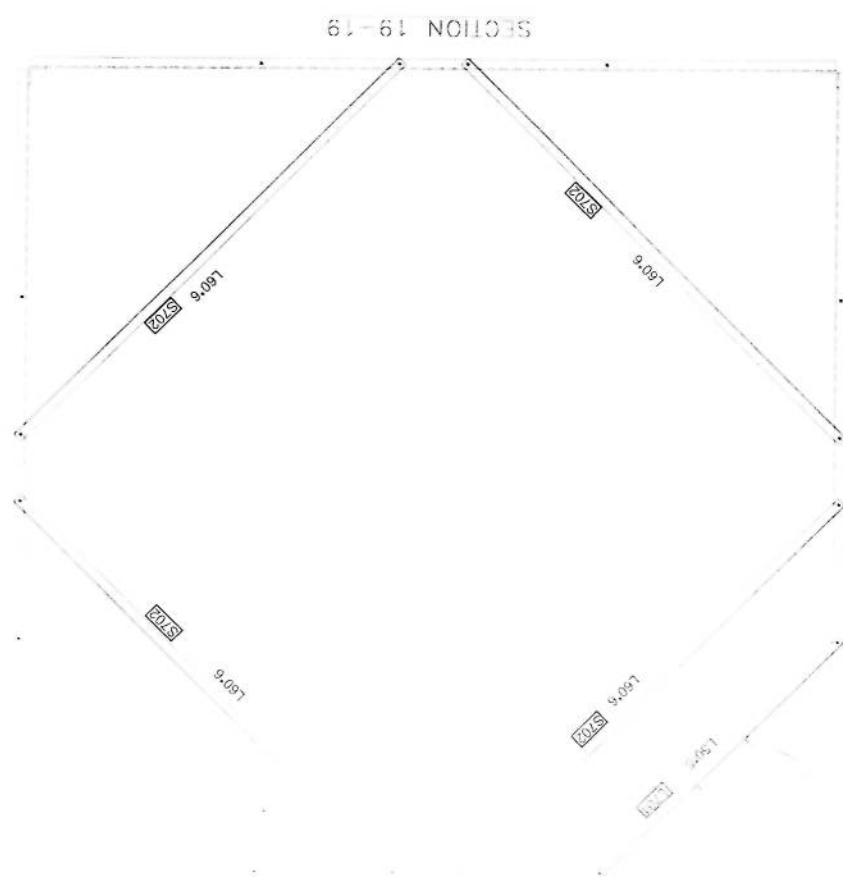
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DATE: 01/07/20		DRAWN BY: [Signature]	
PROJECT: DAKSHIN KANTH		SCALE: 1:100	
DESIGN: [Signature]		CHECK: [Signature]	
APPROVAL: [Signature]		DATE: 01/07/20	
 DAKSHIN KANTH  SULTAN MANSOUR			
FOR TOWER TYPE 40-160-EPAD(AK1-40m) PANEL 2 APPROVAL DRAWING AFGHAN TELECOM			

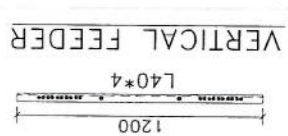
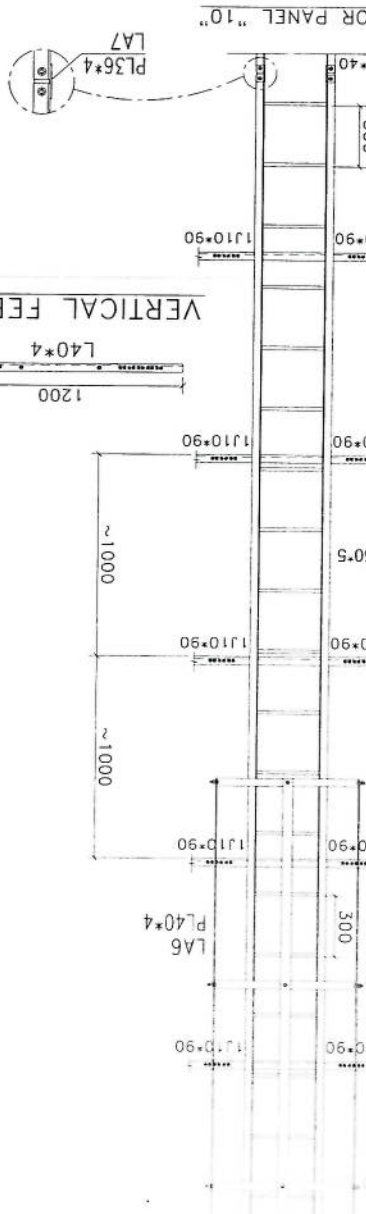
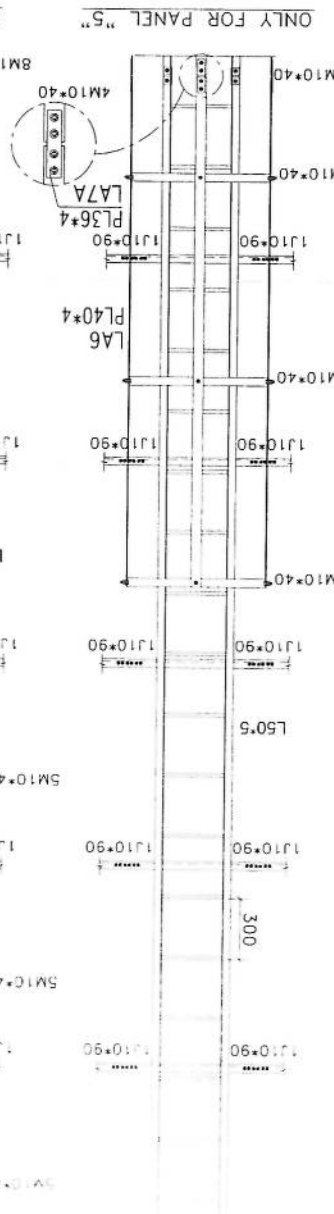
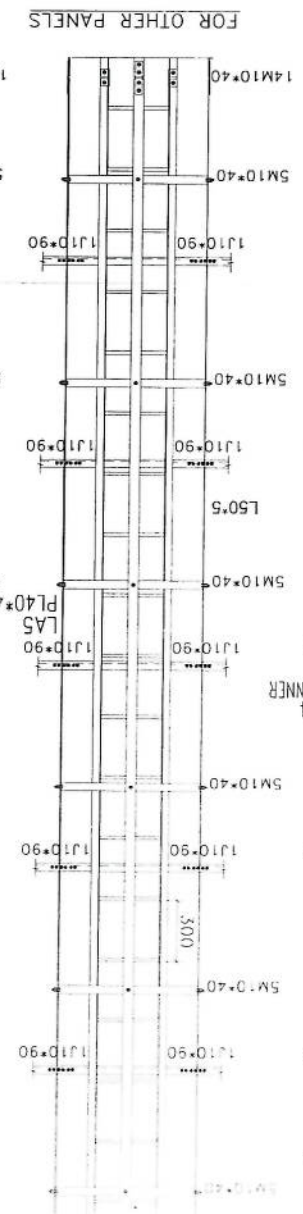
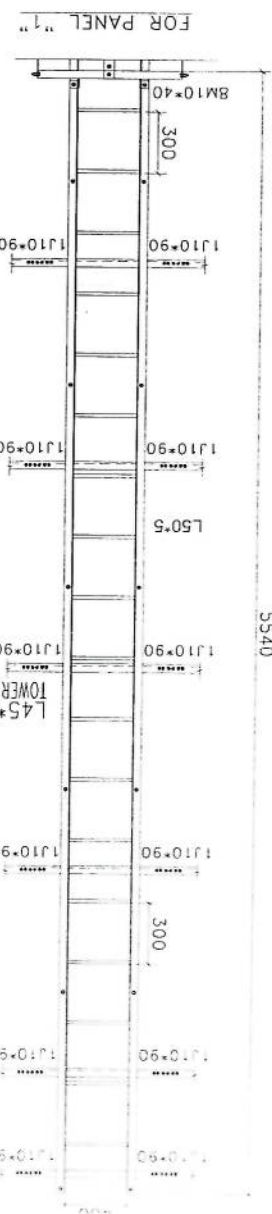
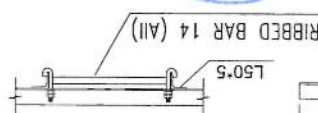
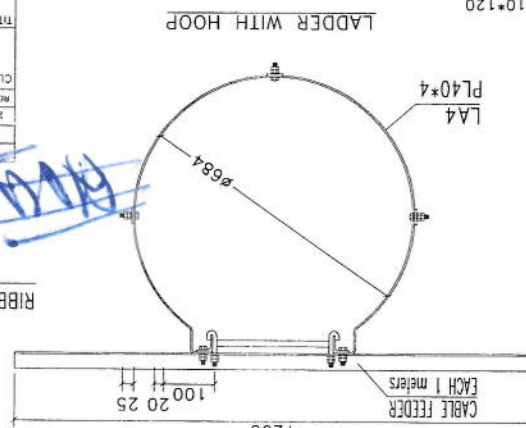
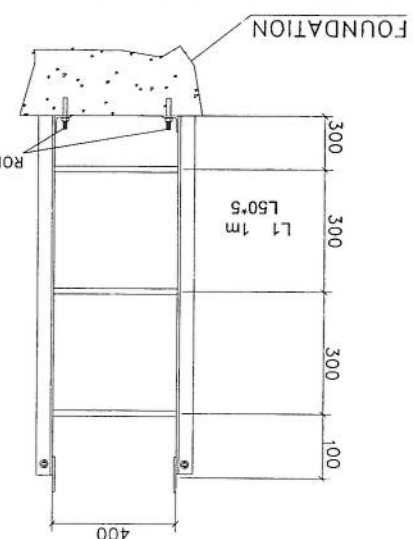
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Block	Mark	Description	Length	WEIGHT	Qty	Total Weight
BL7	ML7	L100X10	5.5	84.5218	4	338.0872
BL7	W01	L60X6	4.781	26.4441891	4	105.7767564
BL7	W02	L60X6	4.595	25.4154045	4	101.661618
BL7	W03	L60X6	4.41	24.392151	4	97.568604
BL7	W04	L60X6	2.962	16.3831182	8	131.0649456
BL7	W05	L40X4	1.403	3.4537651	8	27.6301208
BL7	W06	L40X4	1.072	2.6389424	8	21.115392
BL7	W07	L60X6	2.855	15.7912905	8	126.330324
BL7	W08	L40X4	1.348	3.3183716	8	26.5469728
BL7	W09	L40X4	1.028	2.5306276	8	20.2450208
BL7	W10	L60X6	2.779	15.3709269	8	122.9674152
BL7	W11	L40X4	1.315	3.2371355	8	25.897084
BL7	W12	L40X4	0.985	2.4247745	8	19.398196
BL7	L701	L50X5	2	7.6838	3	23.0514
BL7	S701	L60X6	2.876	15.9074436	4	63.6297744
BL7	S702	L60X6	3	16.5933	8	132.7464
BL7	P71	PL300*175*10	1	4.2436	4	16.9744
BL7	P72	PL300*175*10	1	4.2436	4	16.9744
BL7	P73	PL300*175*10	1	4.2436	4	16.9744
BL7	PJ7	PL420*90*10	1	3.0591	8	24.4728
BL7	MJ7	L80X7	0.42	3.638166	4	14.552664
BL7	M16-60	M16-60	0.16274	0.16274	64	10.41536
BL7	Bolt Set	M12-40	1	0.06798	318	21.61764
BL7	Washer		1	0.008446	382	3.226372
					Total	1508.92 Kg



0	1	OF: 20
REV.	SH.	TOTAL
DESIGN STAGE	DETAIL	DESIGN
SCALE:	FORMAT:	AT
DAKSAZAN DWG NO.:	DAKSAZAN	KALAN CO.
DESIGN AND MANUFACTURER	DAKSAZAN	KALAN CO.
CONTRACTOR	SUTUN MYSOOM	
TITLE:	APPROVAL DRAWING	PANEL 4
CLIENT:	AFGHAN TELECOM	
REV.	DESCRIPTION	DATE
2	FIRST ISSUE	
1	DESIGN	
1	CHECK	
1	APPROVE	
1	DATE	

INSTALL BOTTOM PART OF LADDERS

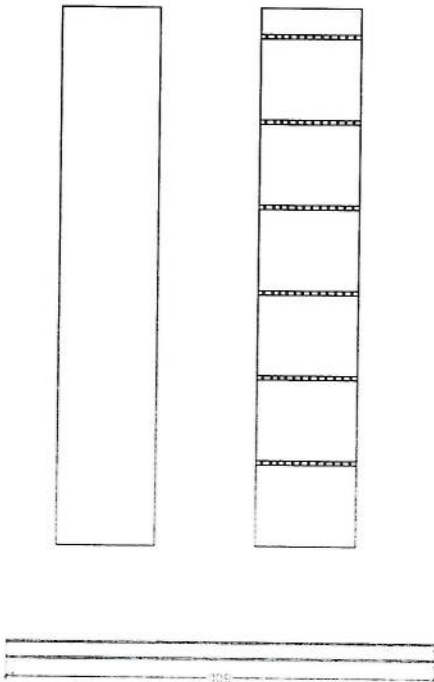


SCALE:		FORMAT: A1		DESIGN STAGE: DETAIL DESIGN		REV: SH / TOTAL		0 / 1 OF: 20	
DAKALSAZAN DWG NO:		DAKALSAZAN		DAKALSAZAN		DAKALSAZAN		DAKALSAZAN	
DESIGN AND MANUFACTURER		DAKALSAZAN		DAKALSAZAN		DAKALSAZAN		DAKALSAZAN	
CONTRACTOR		SUTUN M3500M		SUTUN M3500M		SUTUN M3500M		SUTUN M3500M	
TITLE		APPROVAL DRAWING		FOR TOWER TYPE 40-160-EPA10(AK1-40m)		PANEL 4			
CLIENT		AFGHAN TELCOM		AFGHAN TELCOM		AFGHAN TELCOM		AFGHAN TELCOM	
REV		DESCRIPTION		DESIGN		CHECK		DATE	
2		FIRST ISSUE		A GH		A GH		---	
1									

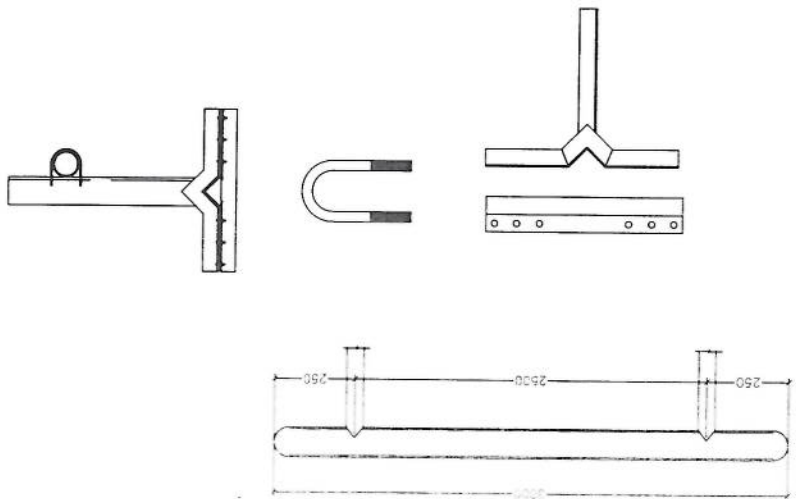
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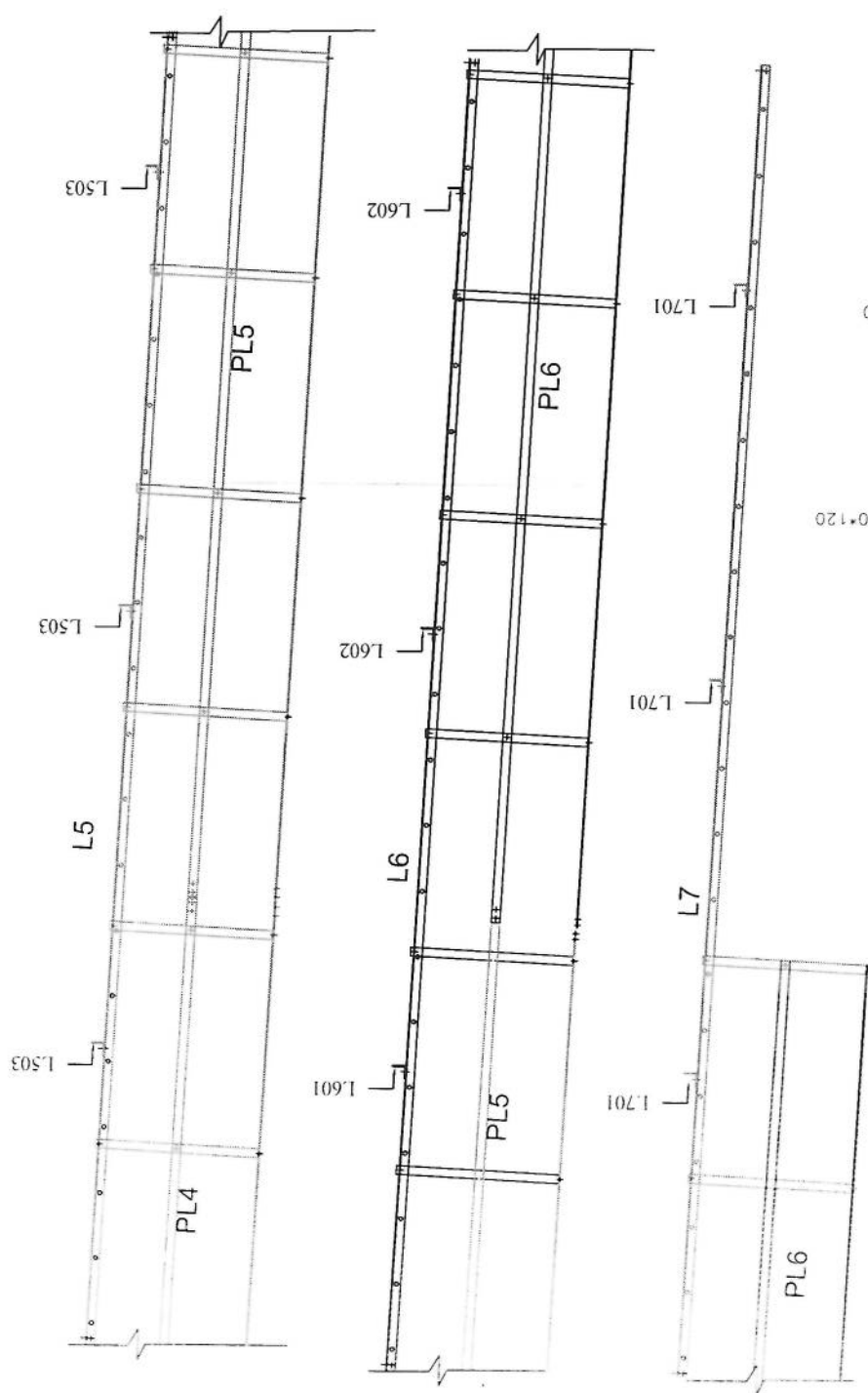
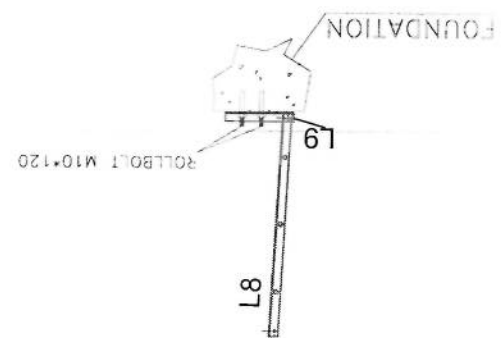
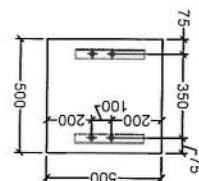
Sr.No	Block	Mark	Description	Length	WEIGHT	Qty	Total Weight
1	SUPPORT		(60X3) MM PIPE	3	13.0398	3	39.1194
2	SUPPORT		(60X3) MM PIPE	0.6	2.60796	2	5.21592
3	ANGLE	SL 1	L60X6	0.6	3.31866	3	9.95598
4	ANGLE	ANG	L60X6	0.45	2.488995	20	49.7799
5	ANGLE	ANG	L60X6	0.5	2.76555	5	13.82775
6	PIPE	PIPE	(27X2.6) MM PIPE	1.6	3.98816	5	19.9408
7	ANGLE	ANGLE	L60X6	0.5	2.76555	5	13.82775
8	U BOLT	U B	ROD 12	0.3	0.27501	35	9.62535
TOTAL WEIGHT							161.29 Kg

CABLE TRAY



SUPPORTER



[illegible]

A B C D E F G

DATE: 15/07/2016
BY: SK
SCALE: 1:100

**SK**
KALAN CO.
DESIGN AND MANUFACTURER

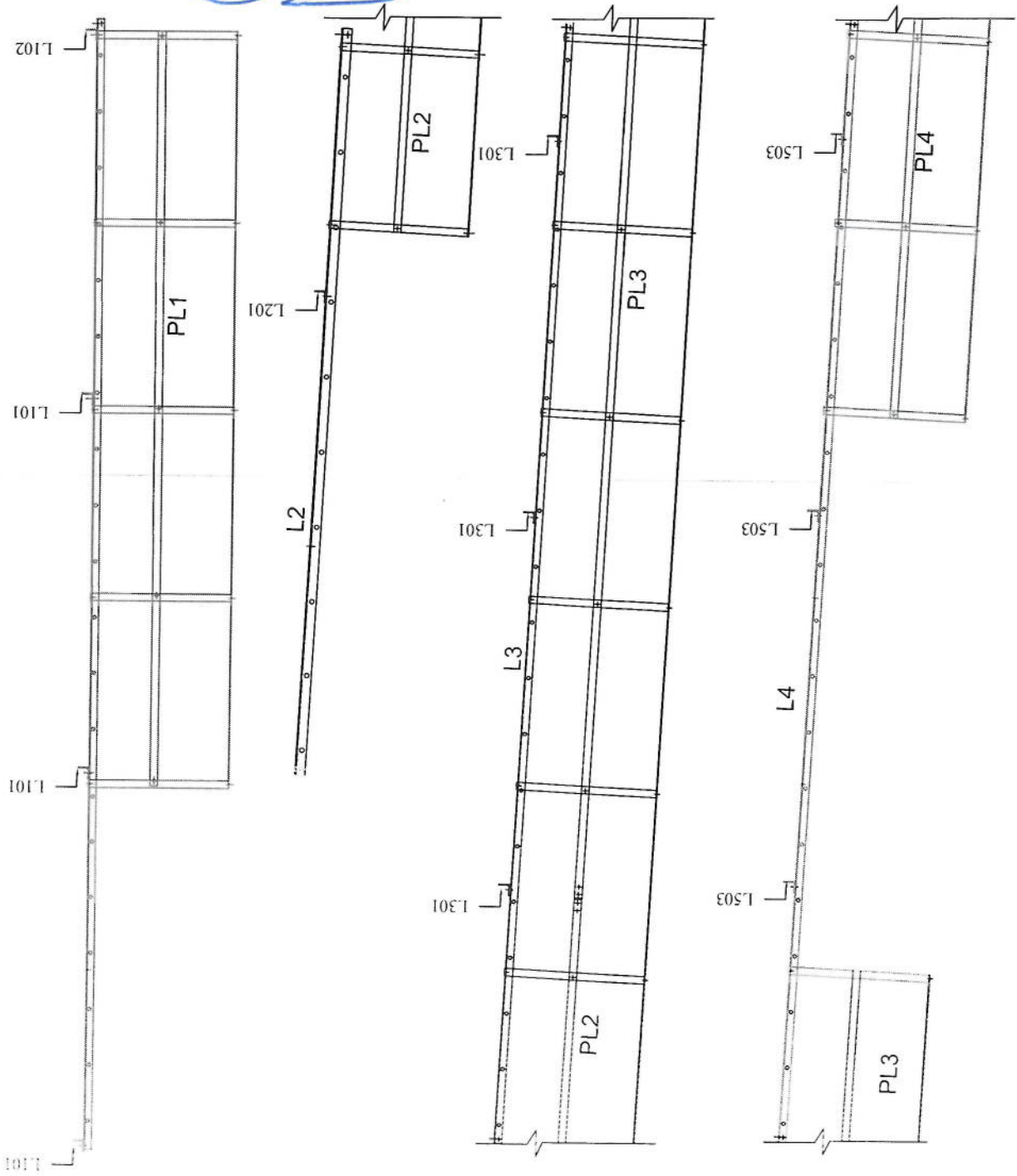
**SULTAN M300M**
CONTRACTOR

**AFGHAN TELECOM**
CLIENT

FOR TOWER TYPE 40-160-CPA10(AK1-40m)
PANEL 4
APPROVAL DRAWING

DAKSAZAN DWG NO
DESIGN: 0001
BY: SK
DATE: 15/07/2016





Sharma

NOTE:



REVISION RECORDS		تغییرات
REVISION NO	DATE	DESCRIPTION
تغییر	تاریخ	توضیحات

LEGEND:	نمادها
	نقطه کاترین
	PCC

PROJECT TITLE / NO:	عنوان پروژه / شماره
GSM SITES	موقعیت های GSM

DRAWING TITLE:	عنوان نقشه
40m Tower Grounding System	سیستم ارتداد برای برج 40 متره

DRAWN BY:	ترسیم کننده
CIVIL TEAM	تیم عمران

CHECKED BY:	بررسی کننده
-------------	-------------

APPROVED BY:	تایید کننده
--------------	-------------

SCALE:	مقیاس
1:75	1:75

ACTUAL DATE:	تاریخ واقعی
10/03/2023	10/03/2023
ISSUE DATE:	تاریخ انتشار

OWNER:	صاحب پروژه
AFGHAN TELECOM	افغان تله کوم

سلام	Salman Telecommunication Company
KABUL	KABUL
AFGHANISTAN	AFGHANISTAN

