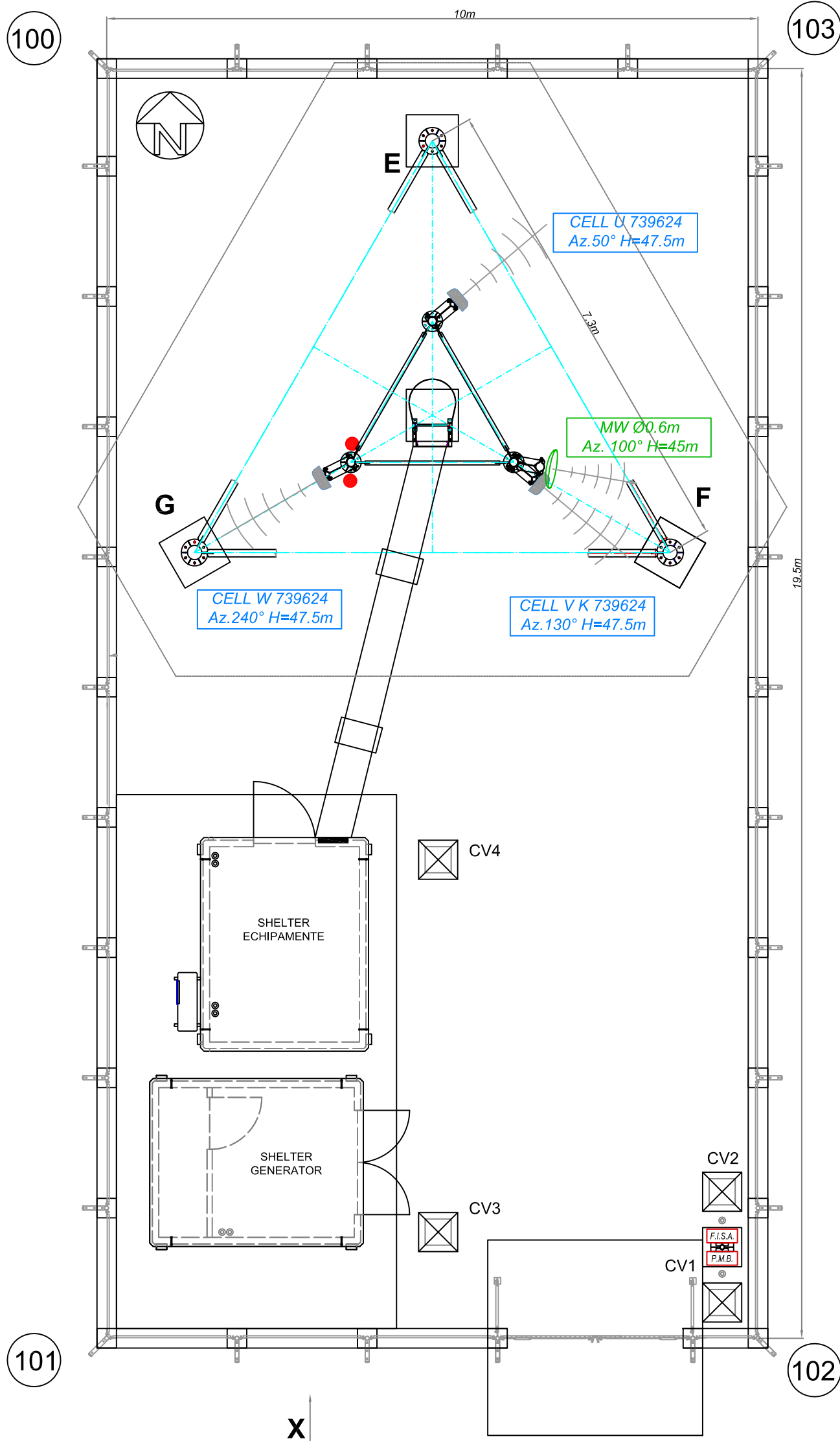
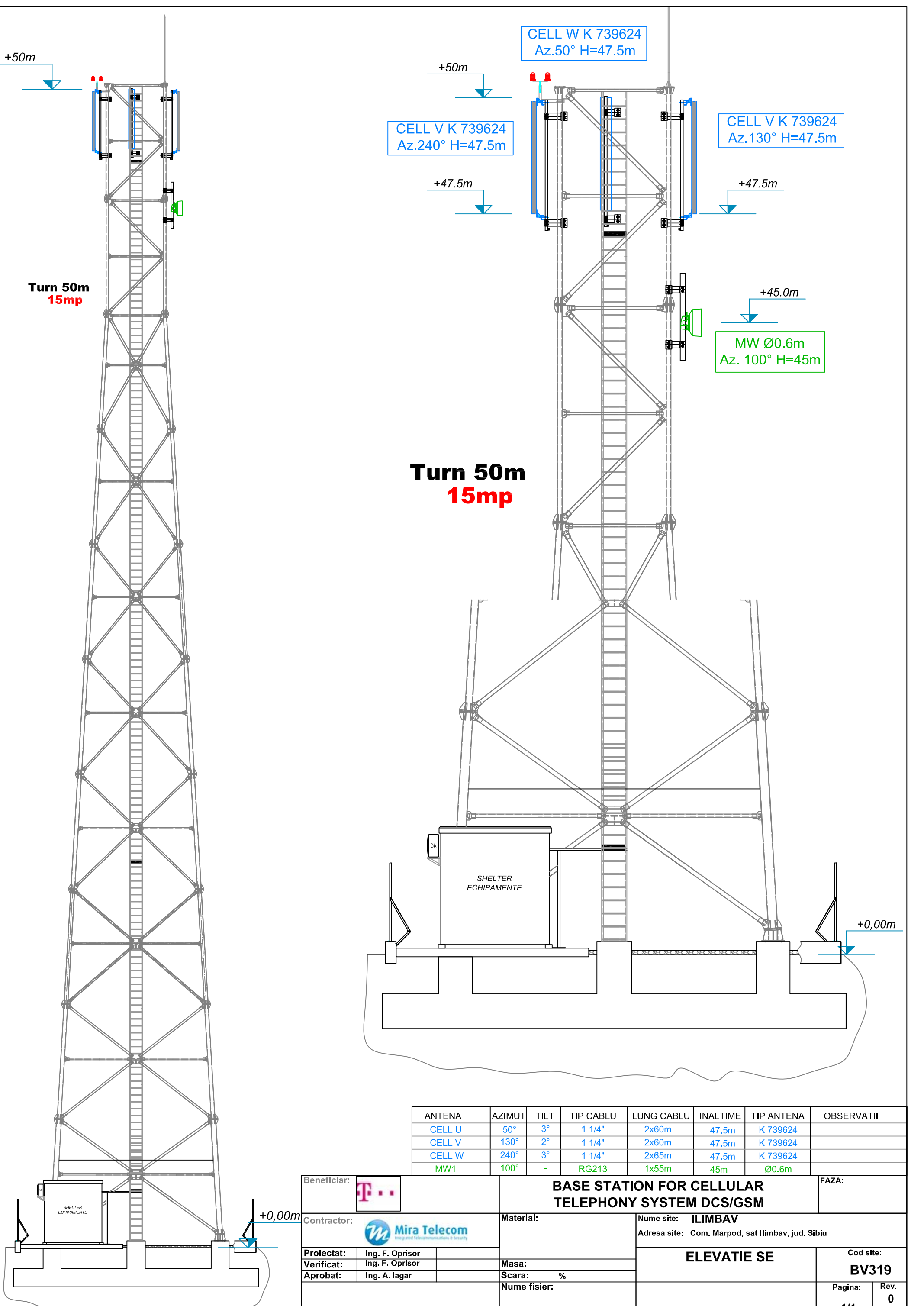


COORDONATE:
 N 45°52'14.9"
 E 24°32'45.4"
 ALT/GPS 621m

ANTENA	AZIMUT	TILT	TIP CABLU	LUNG CABLU	INALTIME	TIP ANTENA	OBSERVATII
CELL U	50°	3°	1 1/4"	2x60m	47.5m	K 739624	
CELL V	130°	2°	1 1/4"	2x60m	47.5m	K 739624	
CELL W	240°	3°	1 1/4"	2x65m	47.5m	K 739624	
MW1	100°	-	RG213	1x55m	45m	Ø0.6m	

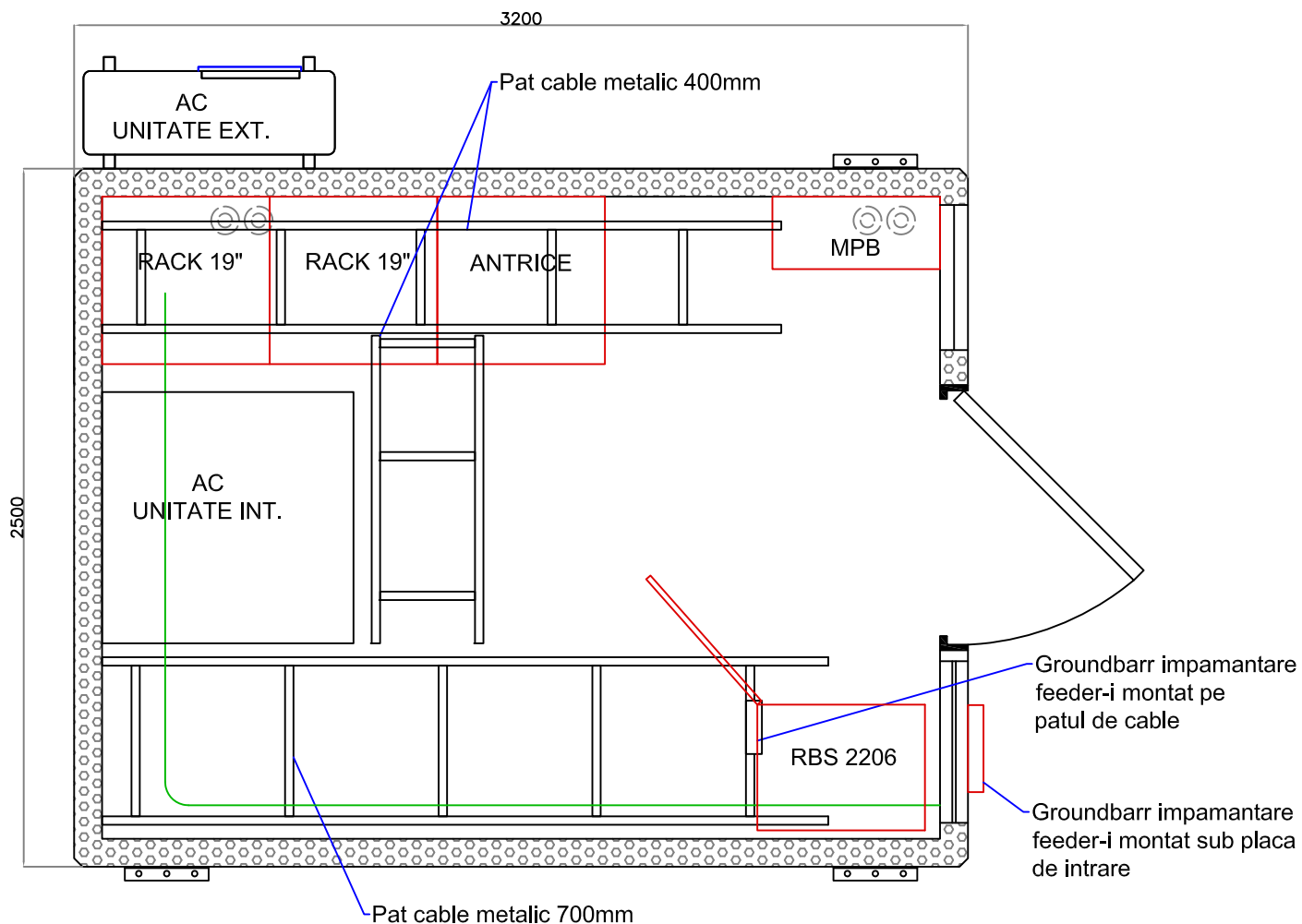


Beneficiar:		BASE STATION FOR CELLULAR TELEPHONY SYSTEM DCS/GSM		FAZA:
Contractor:		Material:	Nume site: ILIMBAV	Adresa site: Com. Marpod, sat Ilimbav, jud. Sibiu
Proiectat: Ing. F. Oprisor		Masa:	PLAN AMPLASAMENT SE	
Verificat: Ing. F. Oprisor		Scara: %		
Aprobat: Ing. A. Iagar		Nume fisier:	Cod site: BV319	
		Data: 21.06.2018	Nr. proiect: DK/T219	Pagina: 1/2
				Rev. 0
				A3



ANTENA	AZIMUT	TILT	TIP CABLU	LUNG CABLU	INALTIME	TIP ANTENA	OBSERVATII
CELL U	50°	3°	1 1/4"	2x60m	47.5m	K 739624	
CELL V	130°	2°	1 1/4"	2x60m	47.5m	K 739624	
CELL W	240°	3°	1 1/4"	2x65m	47.5m	K 739624	
MW1	100°	-	RG213	1x55m	45m	Ø0.6m	

Beneficiar:		BASE STATION FOR CELLULAR TELEPHONY SYSTEM DCS/GSM		FAZA:
Contractor:		Material:	Nume site: ILIMBAV Adresa site: Com. Marpod, sat Ilimbav, jud. Sibiu	
Proiectat: Ing. F. Oprisor		Masa:	ELEVATIE SE	
Verificat: Ing. F. Oprisor		Scara: %		
Aprobat: Ing. A. Iagar		Nume fisier:	Cod site: BV319	
		Data: 21.6.2018	Nr. proiect:	Pagina: 1/1
				Rev. 0
				A3



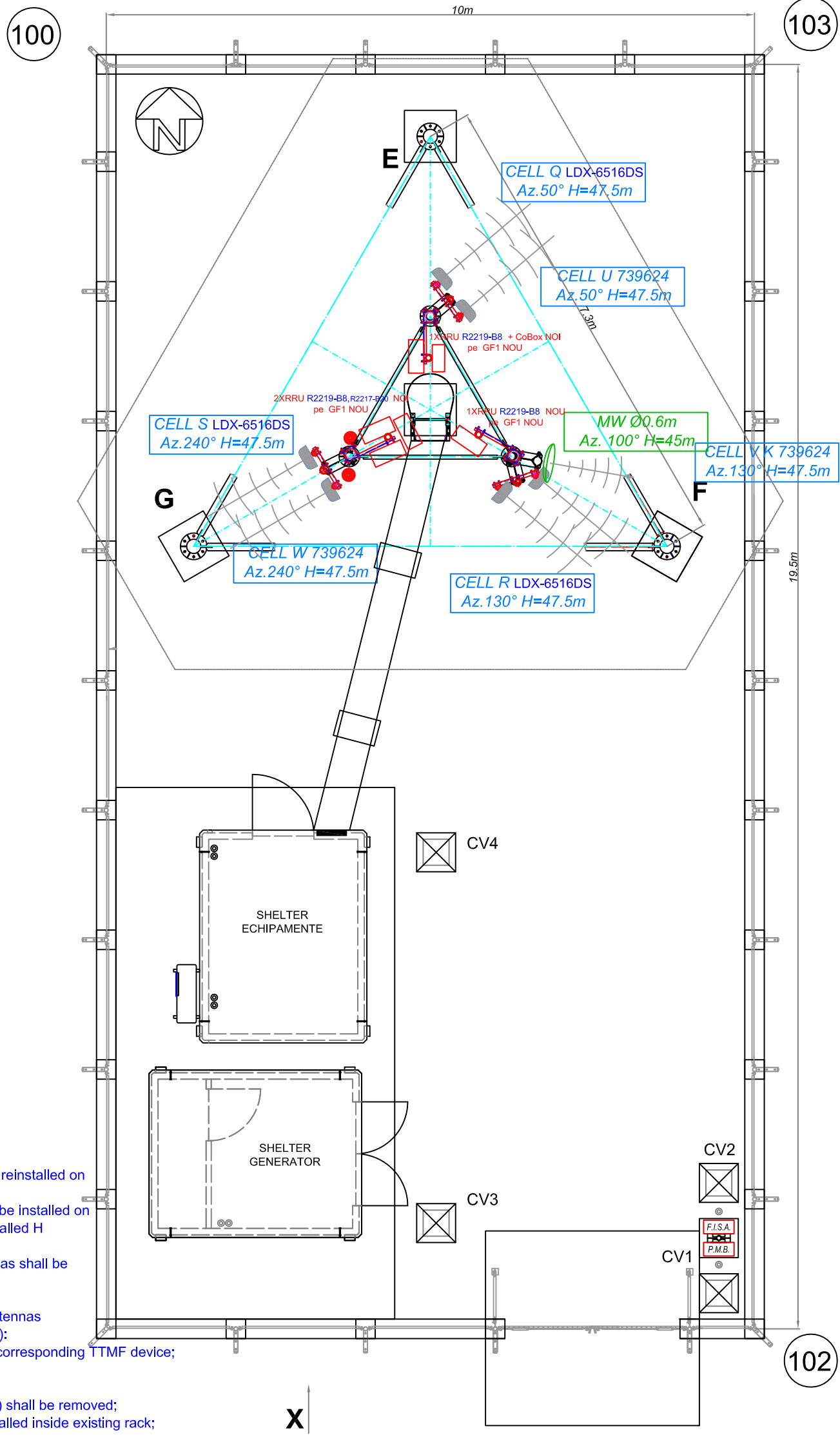
LEGENDA:

- Cabluri antena RF - 1 ¼"
- Cabluri antena MW - RG213

Beneficiar:		BASE STATION FOR CELLULAR TELEPHONY SYSTEM DCS/GSM		FAZA:	
				BP	
Contractor:		Material:		Nume site: ILIMBAV	
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Proiectat:	Ing. F. Oprisor	PLAN SHELTER Situatie existenta		Cod site:	
Verificat:	Ing. F. Oprisor			BV319	
Aprobat:	Ing. A. Iagar				
Proiectant:		Nume fisier:		Pagina:	
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		Data: 21.06.2018		3/3	
		Nr. proiect:		Rev. 0	
				A4	

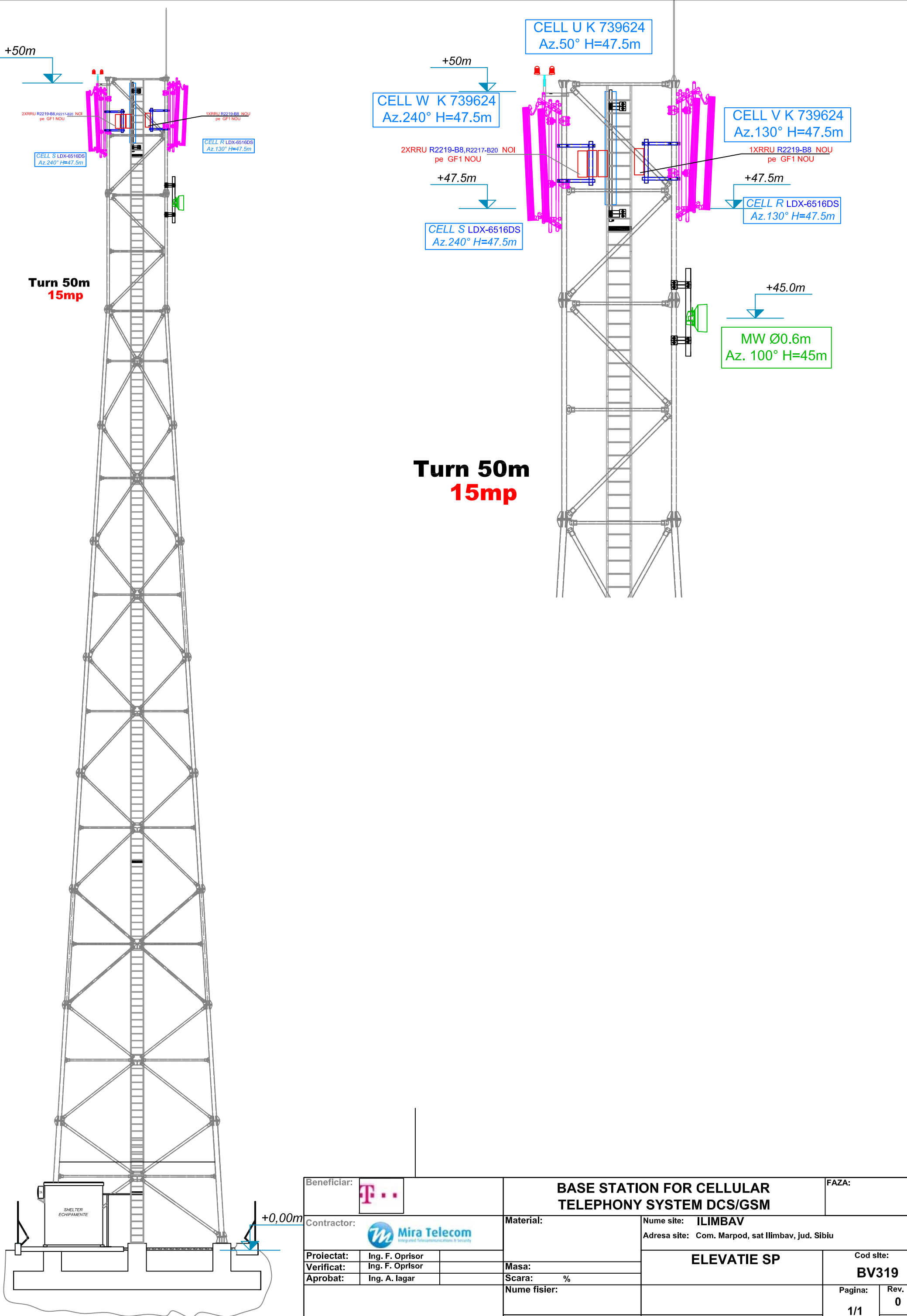
COORDONATE:
 N 45°52'14.9"
 E 24°32'45.4"
 ALT/GPS 621m

ANTENA	AZIMUT	TILT	TIP CABLU	LUNG CABLU	INALTIME	TIP ANTENA	OBSERVATII
CELL U	50°	3°	1 1/4"	2x60m	47.5m	K 739624	RELOCATA
CELL V	130°	2°	1 1/4"	2x60m	47.5m	K 739624	RELOCATA
CELL W	240°	3°	1 1/4"	2x65m	47.5m	K 739624	RELOCATA
CELL Q	50°		FO	60m	47.5m	LDX-6516DS	NOUA
CELL R	130°		FO	60m	47.5m	LDX-6516DS	NOUA
CELL S	240°		FO	60m	47.5m	LDX-6516DS	NOUA
MW1	100°	-	RG213	1x55m	45m	Ø0.6m	





- RADIO**
- Antenna system**
 - Existing 3 x 739624 antennas shall be reinstalled on new H structures;
 - 3 x LDX-6516DS-VTM antennas shall be installed on the free remaining arms of the new installed H structures;
 - The physical parameters of the antennas shall be according to the attached SCF
- Radio Remote Units**
 - 4 new RRU's shall be installed near antennas (the jumpers' length shall be minimized):
 - 1 x R2217-B20 for LTE800 and corresponding TTMF device;
 - 3 x R2219-B8 for GSM900;
- Equipment**
 - The existing equipment (1 x RBS2206) shall be removed;
 - 1 x 6601 with 1 x BB5212 shall be installed inside existing rack;
 - The 2G TRX configuration will be G4230 D0000;
- PSAC**
 - new PDU indoor (9 dc fuses) must be installed , powered by 2x63A dc fuses from PSU with 2x2x25mmp Cu shielded dc cables;
 - new CB will be installed, powered by 3x40A from new PDU with Al 6x35mmp shielded cable
 - new RRU's will be powered from new CB by Cu 2x6mmp shielded dc cables
 - the RRU's for GSM and UMTS will be powered by 16A dc fuses
 - only the RRU's for LTE must be powered by 25A dc fuses
 - all metallic shields and the new PDU must be grounded
- CW**
 - 3 new H-supports will replace the existing ones on top of the tower
 - The existing K739624 will be reinstalled on the new supports
 - 3 new LDX will be installed on the free arms
 - 4 new RRU's will be installed on GF supports @ last platform level

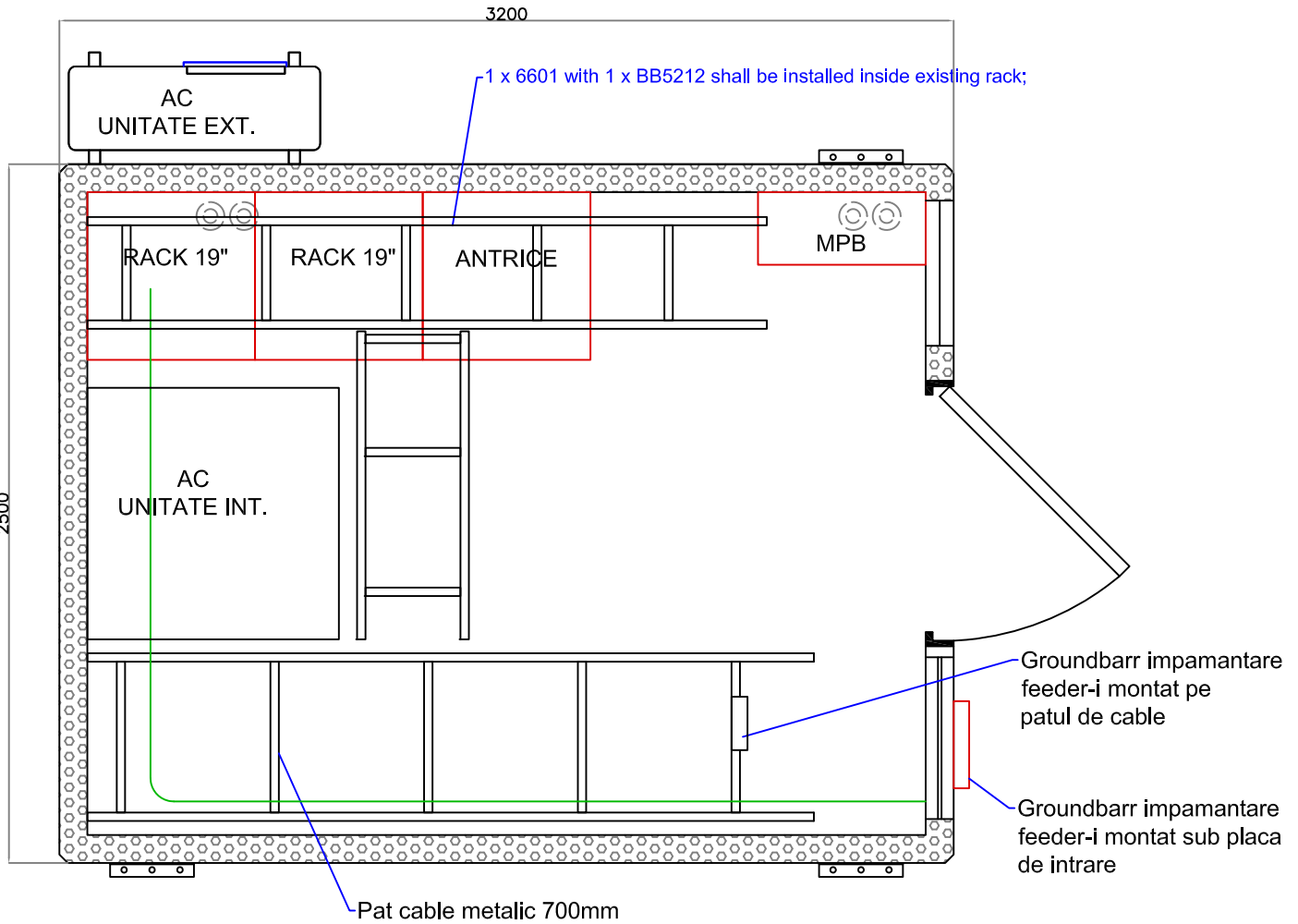
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Contractor:		Material:	Nume site: ILIMBAV	Adresa site: Com. Marpod, sat Ilimbav, jud. Sibiu
Proiectat:	Ing. F. Oprisor	Masa:	PLAN AMPLASAMENT SP	
Verificat:	Ing. F. Oprisor	Scara: %		
Aprobat:	Ing.A. Iagar	Nume fisier:	Cod site: BV319	
		Data: 21.06.2018	Nr. proiect: BV319	Pagina: 1/2
				Rev. 0
				A3



**Turn 50m
15mp**

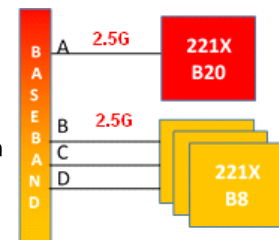
**Turn 50m
15mp**

Beneficiar:				BASE STATION FOR CELLULAR TELEPHONY SYSTEM DCS/GSM		FAZA:	
Contractor:				Material:		Nume site: ILIMBAV Adresa site: Com. Marpod, sat Ilimbav, jud. Sibiu	
Proiectat:		Ing. F. Oprisor		Masa:		ELEVATIE SP	
Verificat:		Ing. F. Oprisor		Scara: %			
Aprobat:		Ing. A. Iagar		Nume fisier:		Cod site: BV319	
				Data: 21.6.2018		Pagina: 1/1	
				Nr. proiect:		Rev. 0 A3	



Equipment

- The existing equipment (1 x RBS2206) shall be removed;
- 1 x 6601 with 1 x BB5212 shall be installed inside existing rack;
- The 2G TRX configuration will be G4230 D0000;
- **PSAC**
 - new PDU indoor (9 dc fuses) must be installed , powered by 2x**63A** dc fuses from PSU with 2x2x25mm Cu shielded dc cables;



Beneficiar:		BASE STATION FOR CELLULAR TELEPHONY SYSTEM DCS/GSM		FAZA:	
				BP	
Contractor:		Material:		Nume site: ILIMBAV	
				Adresa site: Com. Marpod, sat Ilimbav, jud. Sibiu	
Proiectat:	Ing. F. Oprisor	PLAN SHELTER Situatie propusa		Cod site:	
Verificat:	Ing. F. Oprisor			BV319	
Aprobat:	Ing. A. Iagar			Pagina:	
Proiectant:		Nume fisier:		Rev. 0	
		Data: 21.06.2018		BV319	
		Nr. proiect:		A4	