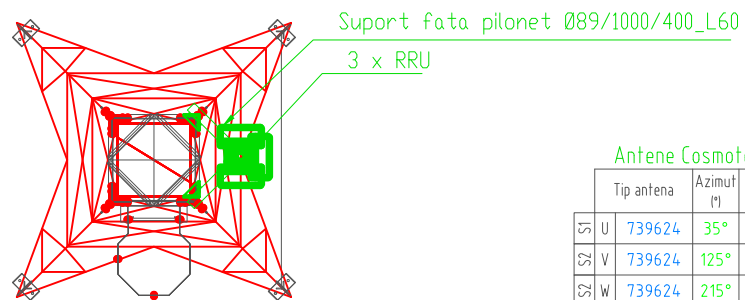



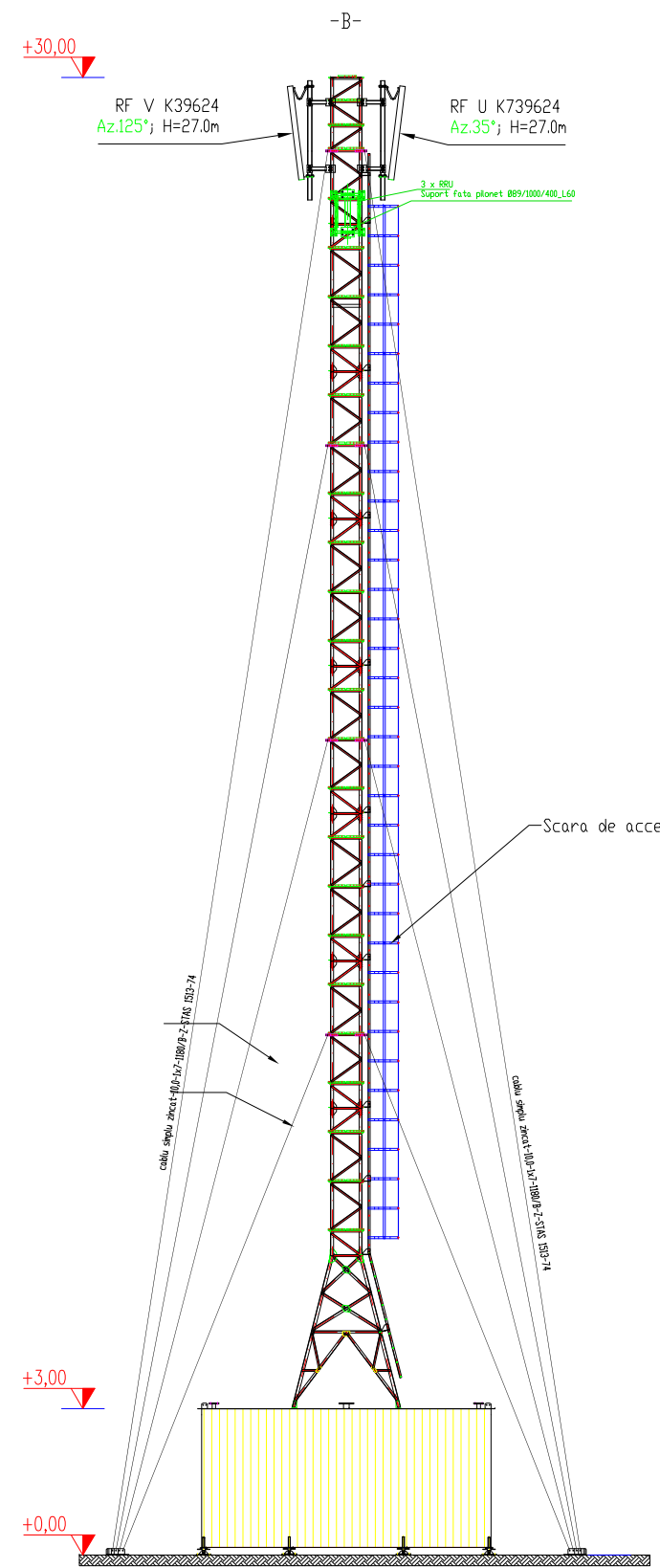
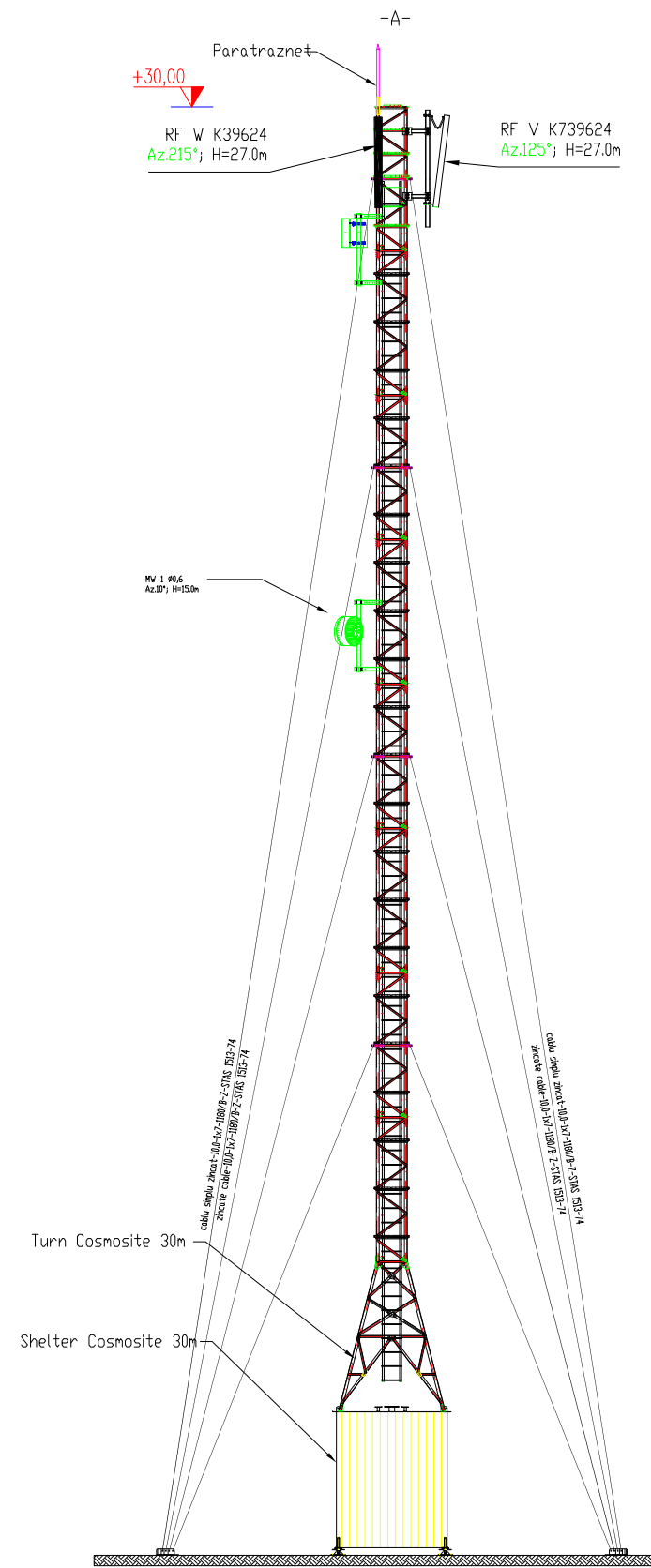
Detaliu amplasare RRU GSM cota+26.3m



Antene Cosmote

Tip antena	Azimut (°)	HBA (m)	Banda (Mhz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii	
				E	M					
SI U	739624	35°	+27	900	0°	3°	RRU	FO	50 m	-existentă
SI V	739624	125°	+27	900	0°	5°	RRU	FO	50 m	-existentă
SI W	739624	215°	+27	900	0°	3°	RRU	FO	50 m	-existentă
MW1	alcatel	10°	+15				IDU MW	LMR	40 m	-existentă

Rev.	Data	Descriere	Semnatura	Data	Intocmit	Verificat
Proiectat	2.5.2018	F. Oprisor		<b>Nume site: CASIN</b> <b>Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau</b>		
Verificat	2.5.2018	F. Oprisor				
Aprobat	2.5.2018	A. Iagar				
 <b>Mira Telecom</b> Integrated Telecommunications & Security				<b>Nume desen: PLAN AMPLASAMENT</b> <b>SITUATIE EXISTENTA</b>		
<b>Masa neta:</b> <b>Scara: -</b> <b>Proiect nr : 003</b>				<b>Nr. desen:</b> <b>Inlocuieste desen:</b>		<b>Rev. 0</b> <b>A3</b>



### Antene Cosmote

	Tip antena	Azimut (°)	HBA (m)	Banda (Mhz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii	
					E	M					
S1	U	739624	35°	+27	900	0°	3°	RRU	FO	50 m	-existenta
S2	V	739624	125°	+27	900	0°	5°	RRU	FO	50 m	-existenta
S3	W	739624	215°	+27	900	0°	3°	RRU	FO	50 m	-existenta
	MW1	alcatel	10°	+15				IDU MW	LMR	40 m	-existenta

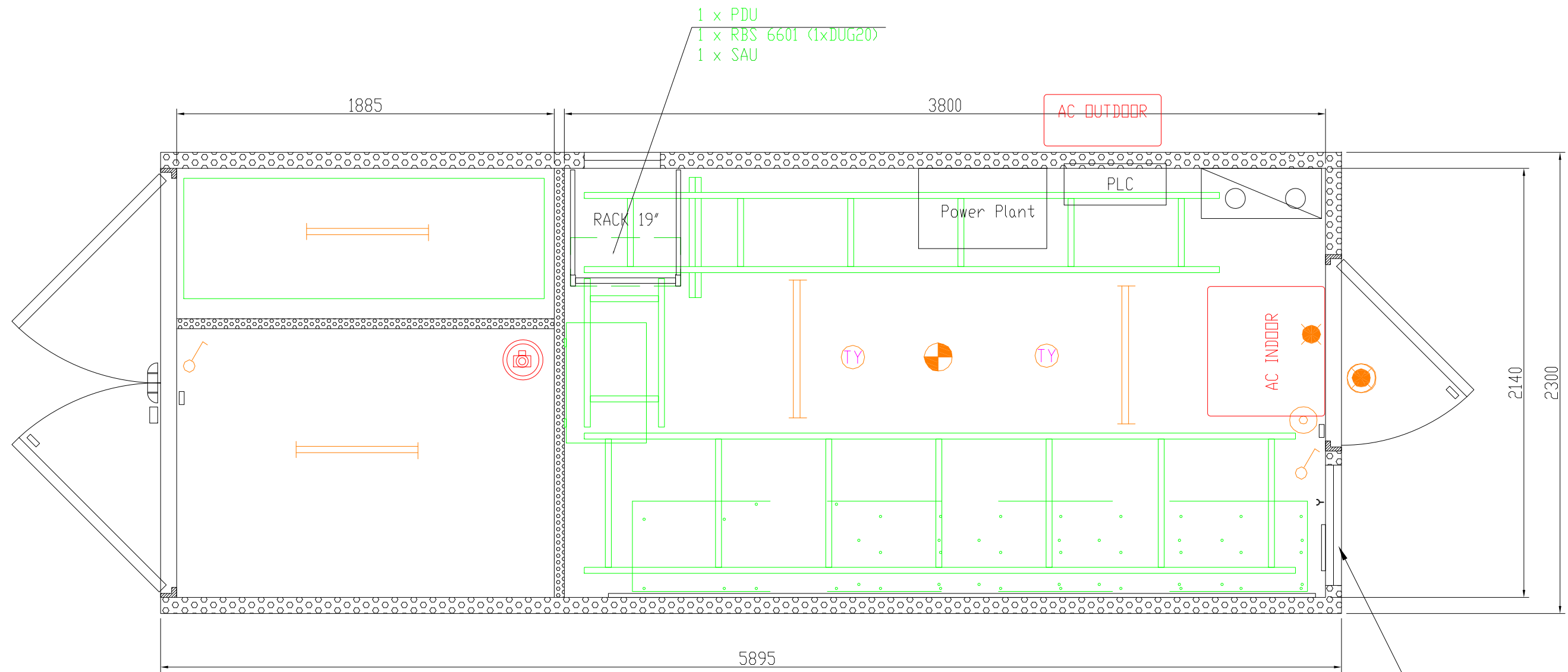
Rev.	Data	Descriere	Semnatura	Data	Intocmit	Verificat
Proiectat	2.5.2018	F. Oprisor		Nume site: <b>CASIN</b>		
Verificat	2.5.2018	F. Oprisor		Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau		
Aprobat	2.5.2018	A. Iagar		Cod site: <b>BA313</b>		
				Nume desen: <b>PLAN ELEVATIE SITUATIE EXISTENTA</b>		
				Nr. desen: -		Planşa
				Proiect nr : 003		
				Inlocuieste desen:		Rev. <b>0</b>
						<b>A3</b>



Masa neta:

Scara: -

Proiect nr : 003

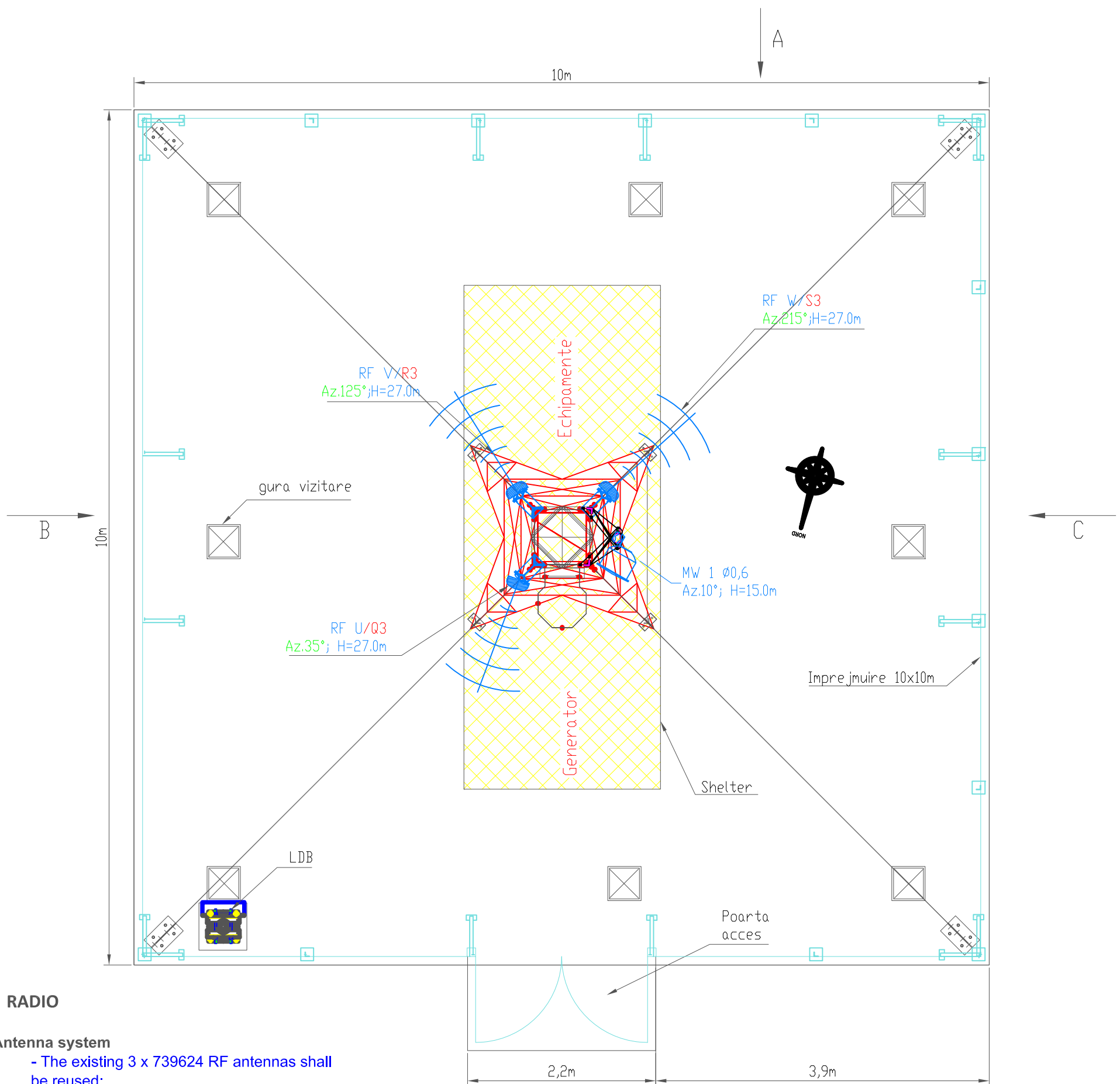


- Senzor de temperatura
- Intrerupator PT 10 A
- Contact de usa antiefractie
- Detector de incendiu
- Corp de iluminat
- Corp de iluminat extern
- Corp de iluminat de siguranta

Antene Cosmote

	Tip antena	Azimut (°)	HBA (m)	Banda (Mhz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii	
					E	M					
S1	U	739624	35°	+27	900	0°	3°	RRU	F0	50 m	-existenta
S2	V	739624	125°	+27	900	0°	5°	RRU	F0	50 m	-existenta
S3	W	739624	215°	+27	900	0°	3°	RRU	F0	50 m	-existenta
	MW1	alcatel	10°	+15				IDU MW	LMR	40 m	-existenta

Rev.	Data	Descriere	Semnatura	Data	Intocmit	Verificat
Proiectat	2.5.2018	F. Oprisor		Nume site: <b>CASIN</b>		
Verificat	2.5.2018	F. Oprisor		Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau		
Aprobat	2.5.2018	A. Iagar		Cod site: <b>BA313</b>		
				Nume desen: <b>PLAN SHELTER</b>		
				SITUATIE EXISTENTA		
				Masa neta:		
Scara: -				Nr. desen:		Planasa
Proiect nr : 003				Inlocuieste desen:		
						Rev. <b>0</b>
						<b>A3</b>



**RADIO**

**Antenna system**

- The existing 3 x 739624 RF antennas shall be reused;
- The physical parameters of the antennas shall be according to the attached SCF (They must be checked and confirmed in the Site Folder).

**Radio Remote Units**

- The existing 3 x RRUS-01B8(900EMHz) shall be replaced with 3 x R2219-B8 RRUs for GSM900 and LTE900;
- The installation priority in terms of feeders length is the following: 1800MHz, 900MHz, 800MHz.

**Equipment**

- The existing GSM equipment shall remain in place;
- 1 new BB5212 shall be installed inside the existing 6601 RBS;
- 3 new LTE900MHz cells (Q3, R3, S3) shall be activated;

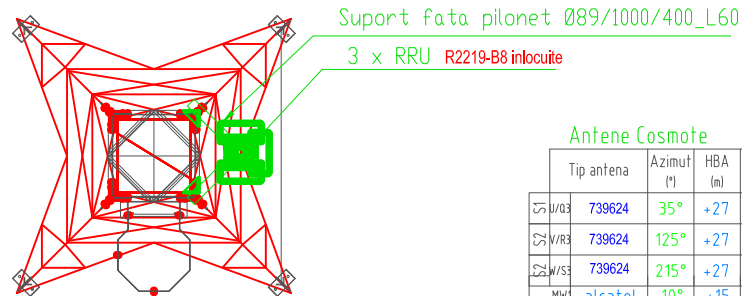
**Transmission**

- 4G solution: Swap to Eth existing link BA313 Casin - BA174 Ciortea and use existing link BA174 Ciortea - BA050 Onesti\_RTc (FO/L2).

**CW**

- Cele 3 x RRUS-01B8(900EMHz) se vor inlocui cu 3 x R2219-B8 RRUs for GSM900 and LTE900;

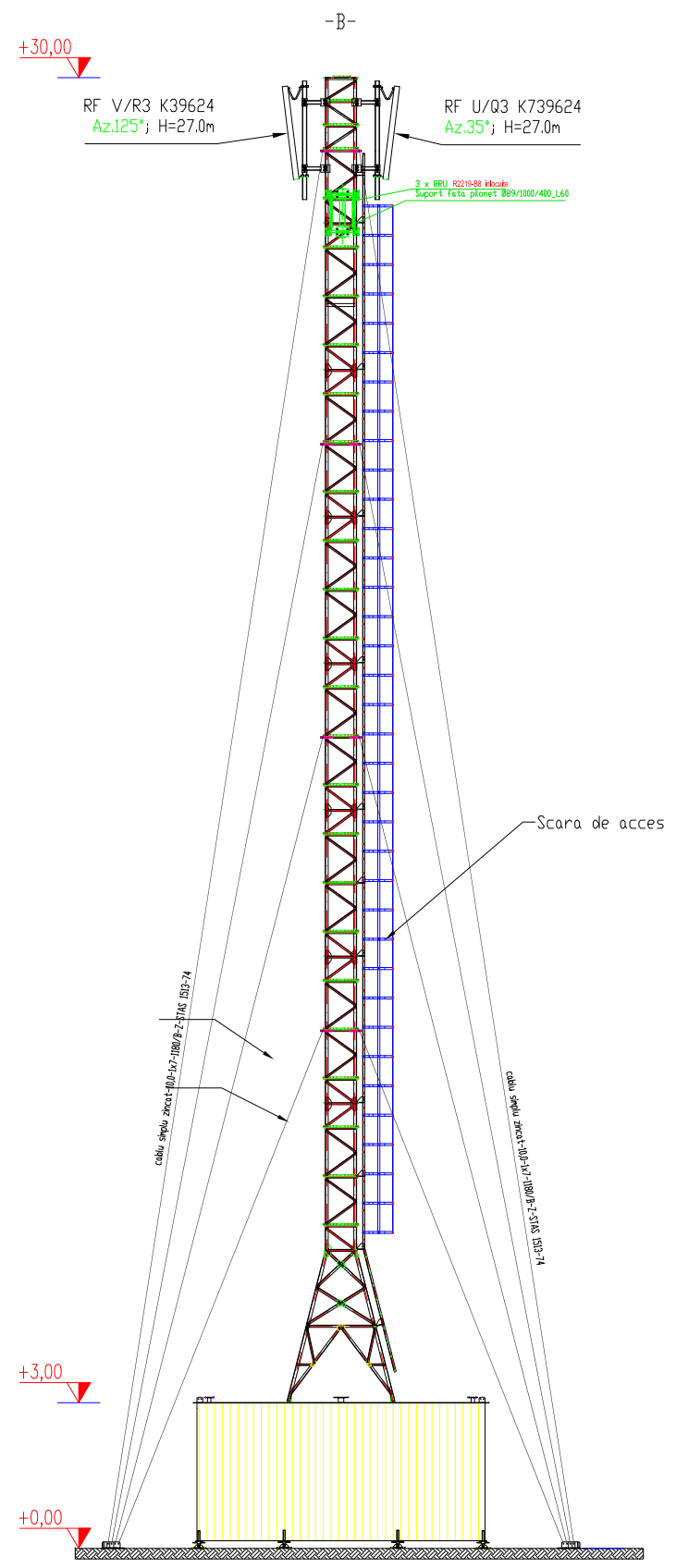
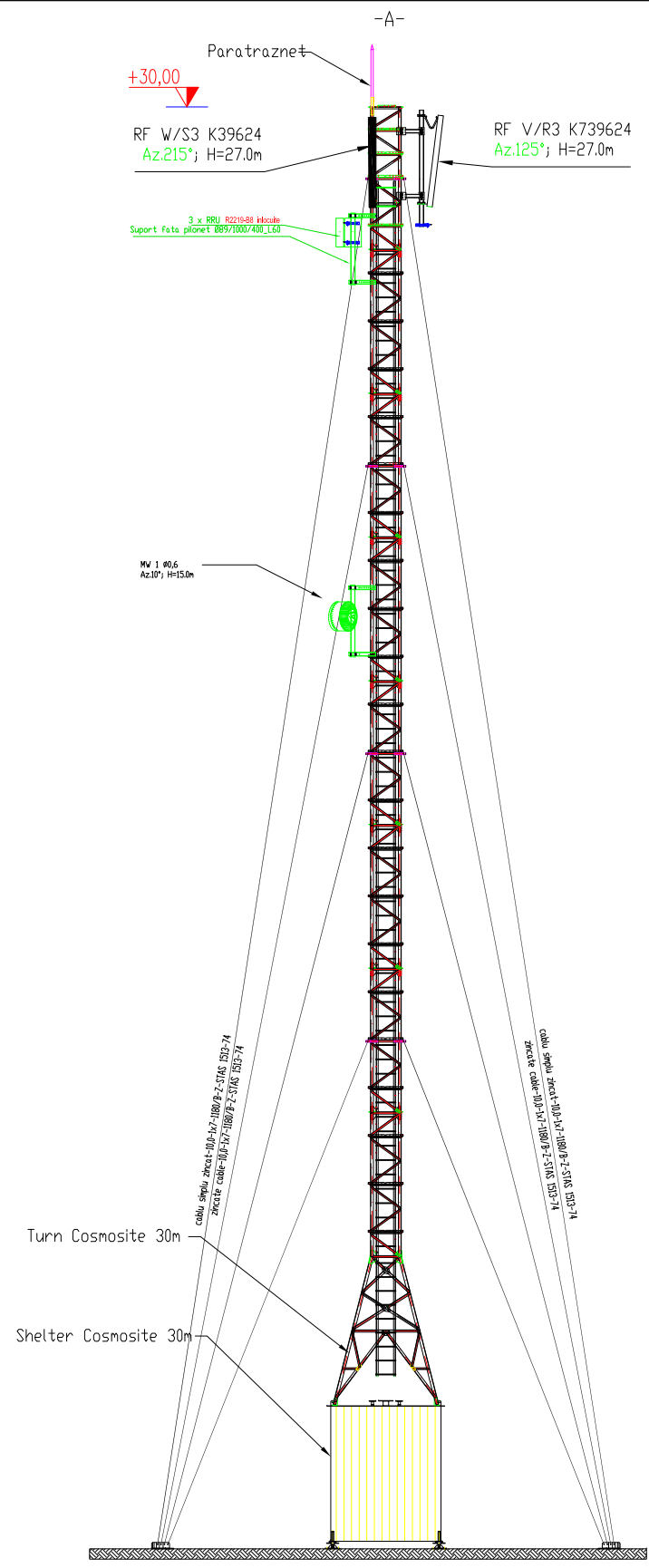
Detalii amplasare RRU GSM cota+26.3m



Antene Cosmote

Tip antena	Azimut (°)	HBA (m)	Banda (MHz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii	
				E	M					
U/Q3	739624	35°	+27	900			RRU	FO	50 m	
V/R3	739624	125°	+27	900			RRU	FO	50 m	
W/S3	739624	215°	+27	900			RRU	FO	50 m	
MW1	alcatel	10°	+15				IDU MW	LMR	40 m	-existent

Rev.	Data	Descriere	Semnatura	Data	Intocmit	Verificat		
Proiectat	2.5.2018	F. Oprisor		Nume site: <b>CASIN</b>				
Verificat	2.5.2018	F. Oprisor		Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau				
Aprobat	2.5.2018	A. Iagar		Cod site: <b>BA313</b>				
				Nume desen: <b>PLAN AMPLASAMENT SITUATIE PROPUSA</b>				
				Masa neta:		Nr. desen:	Plansa	Rev. <b>0</b>
				Scara: -				
Proiect nr : 003				Inlocuieste desen:				

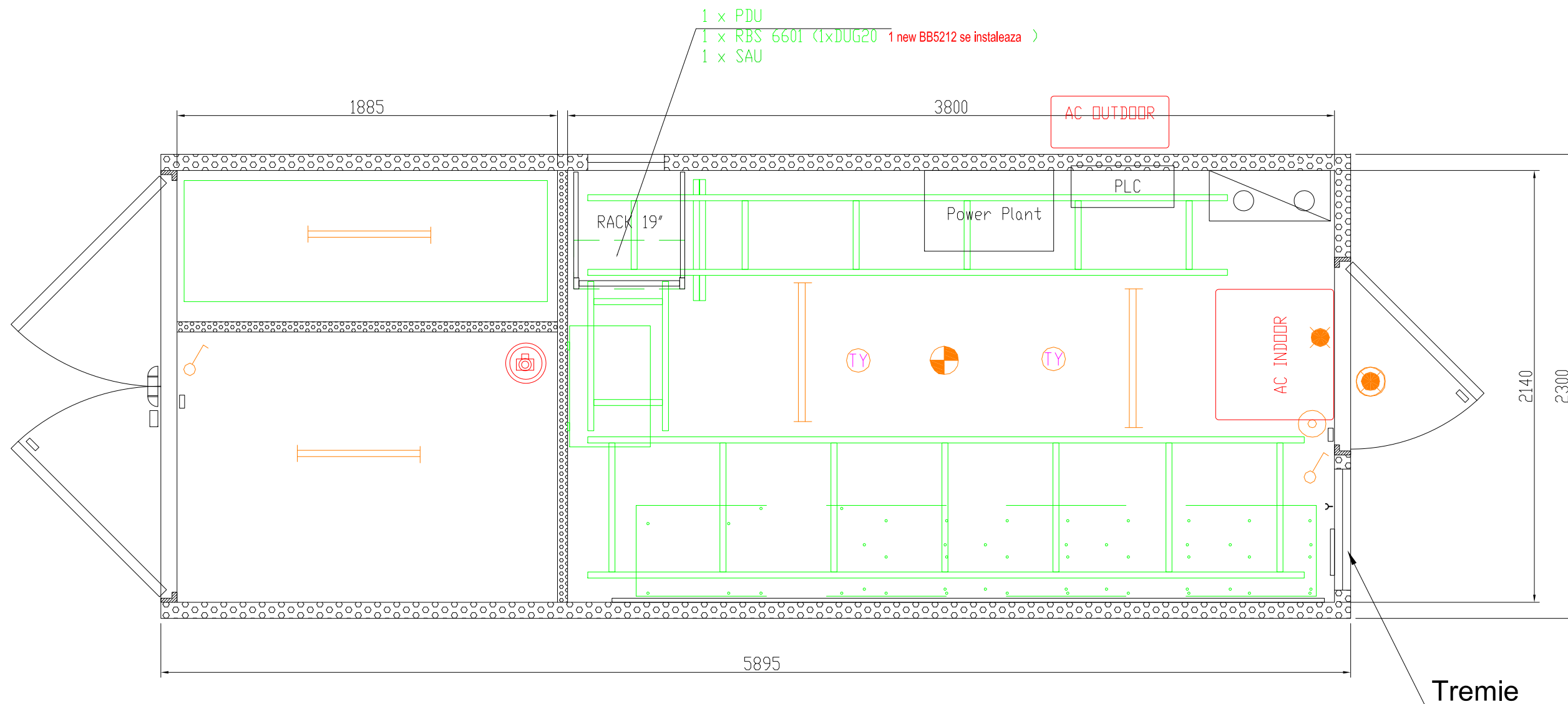


Antene Cosmote

	Tip antena	Azimut (°)	HBA (m)	Banda (Mhz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii
					E	M				
15	U/Q3 739624	35°	+27	900			RRU	FO	50 m	
25	V/R3 739624	125°	+27	900			RRU	FO	50 m	
28	W/S3 739624	215°	+27	900			RRU	FO	50 m	
	MW1 alcatel	10°	+15				IDU MW	LMR	40 m	-existenta

Rev.	Descriere			Data	Intocmit	Verificat	
Proiectat	Data	Nume	Semnatura	Nume site: <b>CASIN</b>			Cod site: <b>BA313</b>
Verificat	2.5.2018	F. Oprisor		Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau			
Aprobat	2.5.2018	A. Iagar		Nume desen: <b>PLAN ELEVATIE SITUATIE PROPUA</b>			
Masa neta:				Nr. desen:			Planșa
Scara: -				Inlocuieste desen:			
Proiect nr : 003							Rev. <b>0</b>
							<b>A3</b>





### Antene Cosmote

	Tip antena	Azimut (°)	HBA (m)	Banda (Mhz)	Tilt		Conectare	Tip feeder	Lungime (m)	Observatii
					E	M				
S1	U/Q3 739624	35°	+27	900			RRU	FO	50 m	
S2	V/R3 739624	125°	+27	900			RRU	FO	50 m	
S3	W/S3 739624	215°	+27	900			RRU	FO	50 m	
MW1	alcatel	10°	+15				IDU MW	LMR	40 m	-existenta

Rev.	Data	Descriere	Semnatura	Data	Intocmit	Verificat
Proiectat	2.5.2018	F. Oprisor		Nume site: <b>CASIN</b>		
Verificat	2.5.2018	F. Oprisor		Adresa site: com. Manastirea Casin , sat Lupesti , jud. Bacau		
Aprobat	2.5.2018	A. Iagar		Cod site: <b>BA313</b>		
				Nume desen: <b>PLAN SHELTER</b>		
				SITUATIE PROPUSA		
Masa neta:				Nr. desen:		Planasa
Scara: -				Inlocuieste desen:		
Proiect nr : 003						Rev. <b>0</b>
						<b>A3</b>



Masa neta:

Scara: -

Proiect nr : 003

Nr. desen:

Inlocuieste desen:

Rev. **0**  
**A3**