



ADMINISTRATIVE BOUNDARIES

BOUNDARY OF THE ADMINISTRATIVE TERRITORY OF TG MURES MUNICIPALITY

C-CENTRAL AREA AND OTHER AREAS WITH COMPLEX FUNCTIONS

CP1 – Central area superimposed on the historical core in which the configuration of the traditional urban fabric is maintained:

CP 1b - central sub-area protected due to urban values, having the configuration of the traditional urban fabric, formed by buildings with few levels (max. GF+2F+Attic) arranged on the alignment and forming a relatively continuous front to the street;

CP 1c - central sub-area protected due to architectural and urban values, having the configuration of the traditional urban fabric, formed by buildings with few levels (max. GF+2F+Attic) arranged on the alignment and forming a relatively continuous front to the street, characterized by very flat plots (string type);

- CP 1d** – sub-area inside the architectural reserve delimited by the contour of the fortified enclosure (the Citadel);
- CP 2** – Central area superimposed on the historic core formed by building insertions built in recent decades;
- CP 3** – Central area located inside the Protected Built Area, outside the historic core;
- CP 4** – Central area located inside the Protected Built Area, occupied by industrial buildings, small production, manufacturing or services for industry;
- CA - Central area located outside the Protected Built Area;**
 - CA** - Central area located outside the Protected Built Area;
- CB – Dispersed areas located outside the central area that group complex functions of municipal and supra-municipal importance:**
 - CB1** – existing dispersed sub-areas located outside the Protected Built Area;
 - CB 1P** – existing dispersed sub-areas located inside the Protected Built Area;
 - CB 2** – sub-area of university education and IT research pole;
 - CB 3** – sub-area of international conferences and exhibitions center;
- CM – Mixed area located outside or inside the Protected Built Area;**
 - CM 1** – mixed sub-area with buildings with a continuous or discontinuous construction regime and maximum heights of GF+3F;
 - CM 1P** – mixed sub-area with buildings with a continuous or discontinuous construction regime and maximum heights of GF+3F located in the Protected Built Area;
 - CM 2** – mixed sub-area with buildings with a continuous or discontinuous construction regime and maximum heights of GF+5F;
 - CM 3** – sub-area formed by insertions of mixed functions and conversions of residences located predominantly on the ground floor into other functions, in the existing fronts built of collective housing blocks;
 - CM 3P** – sub-area formed by insertions of mixed functions and conversions of residences, located predominantly on the ground floor, into other functions, in the existing fronts made up of collective housing blocks located in the Protected Built Area;
- CC – Neighbourhood Center Area:**
 - CC** – sub-area of existing neighbourhood centers and neighbourhood centers in expansion areas
 - CCP** – sub-area of neighbourhood centers, located within the Protected Built Area;
- CE – Public Facilities Area:**
 - CE** – Sub-area of public facilities dispersed at neighbourhood and residential complex level;
 - CCP** – Sub-area of public facilities located within the Protected Built Area;

CF – Area of activities related to cults;

L-RESIDENTIAL AREA

L1 – Area of medium (GF+3F) and large (GF+4,5F - GF+8,10F) collective housing

- L1** – Area of medium (GF+3F) and large (GF+4,5F - GF+8,10F) collective housing, located in predominantly residential complexes;
- L 1P** – Area of medium (GF+3F) and large (GF+4,5÷GF+8,10F) collective housing, located in the Protected Built Area;

L 2 – Area of small individual and collective housing with GF+1,2 levels:

- L 2a** – sub-area of small individual and collective housing with GF+1,2 floors, set back from the alignment with a predominantly discontinuous construction regime;
- L 2b** – sub-area of small individual and collective housing with GF+1,2 floors, arranged on an alignment with a predominantly discontinuous construction regime;
- L 2c** – sub-area of small individual and collective housing with GF+1,2 floors, set back from the alignment with a discontinuous, continuous (rowed or carpet) or grouped (coupled) construction regime, located in the new extensions;
- L 2P** – sub-area of small individual and collective housing with GF+1,2 floors located in the Protected Built Area;

LL – Area of small individual and collective housing, in isolated and grouped construction regime, with a height regime GF, GF+1F, built on the basis of pre-established plotting:

- LL** – area of small individual and collective housing, in isolated and grouped construction regime, with a height regime GF, GF+1F, built on the basis of pre-established plotting;
- LL P** – Sub-area of small individual and collective housing, in isolated and grouped construction regime, with a height regime GF, GF+1F, built on the basis of pre-established plotting, located in the Protected Built Area;
- LL V** – Sub-area of small individual and collective housing, in isolated and grouped construction regime, with height regime GF, GF+1F, built on the basis of pre-established plotting, located on poorly built slopes, in special buildability conditions;

LV – Area of individual residences, with a height regime GF, GF + Attic, GF+1F, located on poorly built slopes:

LV 1 – sub-area of individual residences, with a height regime GF, GF+1F, located on poorly built slopes, in low density conditions;

LV 1P – sub-area of individual residences, with a height regime GF, GF+1F, located on poorly built slopes, in low density conditions, located in the Protected Built Area;

LV 2 – sub-area of individual residences, with a height regime GF, GF + Attic, located on poorly built slopes, in very low density conditions and in conditions of stabilization and technical equipment of the entire slope;

LV 2P – sub-area of individual residences, with a height regime GF, GF + Attic, located on poorly built slopes, in very low density conditions and in conditions of stabilization and technical equipment of the entire slope, located in the Protected Built Area;

LV 3 – sub-area of individual residences, with a height regime GF, GF+1F, located on poorly built slopes, in density conditions and in conditions of stabilization and technical equipment of the entire slope, urban rehabilitation;

LM – Mixed area containing individual and small collective housing and productive and service activities compatible with housing:

LM – Mixed area containing individual and small collective housing and productive and service activities compatible with housing;

A- AREA OF ECONOMIC ACTIVITIES

AA – Agro-industrial activities area:

AA1 – sub-area of agro-industrial units;

AA2 – sub-area of arable land, vineyards, orchards, pastures, hayfields, nurseries located within the built-up area;

AI1 – Area of large industrial units located in mono-profiled platforms;

AI2 – Area of productive and service activities:

AI2a – area of predominantly industrial units;

AI2b – sub-area of productive SME implantations and industrial and quasi-industrial services;

AI2c – sub-area of the activity park;

AI2d – sub-area of tertiary activities for the industrial area;

AI 3 – Area of dispersed productive activities:

AI3a – sub-area of units that are maintained;

AI3aP – sub-area of units that are maintained located in the Protected Built Area;

AI3b – sub-area of dispersed productive units that require reconversion/relocation;

AI 4 – Areas that require management that allows the restoration of the degraded landscape;

AI4a – Area related to the former clay quarry of the brick factory;

AI4b – Areas planted for ecological reconstruction and compensation for land removed from the agricultural circuit;

EC – Sub-area of commercial economic activities – carried out in macro-units (retail park);

V-AREA OF GREEN SPACES

V1 – Sub-area of public green spaces with unlimited access:

V1a – Parks, public city and neighbourhood gardens, squares in the central area or in residential complexes and public planted strips;

V1aP – Parks, public gardens and squares located in the Protected Built Area;

V1b – Sports facilities in residential areas and other urban areas;

V1bP – Sports facilities in residential areas and other urban areas located in the Protected Built Area;

V2 – Public green spaces, with limited access, for specialized use:

V2a – Dendrological park/plant garden;

V2aP – Dendrological park/plant garden, located in the Protected Built Area;

V2b – Zoo;

V3 – Green spaces for leisure:

V3a – Recreation centers, amusement parks;

V3b – Sports complexes and facilities;

V3bP – Sports complexes and facilities located in the Protected Built Area;

V 4 – Green spaces for the protection of watercourses and wetlands;

V 5 – Protection corridors from technical infrastructure;

V 6 – Recreational park and forest protection areas;

V6a – „recreational parks” category – natural land planted with trees – within built-up areas/ land planted with trees – within built-up areas, included as sub-areas within large green areas – recreational areas with complex functions;

V6b – „pastures/hayfields” category, located at the border of areas planted with trees – and other forest protection areas;

V 7 – Plantations for slope protection and ecological reconstruction;

V 8 – Planted strips for sanitary protection;

T-TRANSPORT ZONE

TR – Road transport zone;

TR1 – sub-area of road transport units and related facilities;

TR2 – enclosures with functions related to road transport;

TF – Rail transport area and related facilities;

TA – Air traffic area and related facilities;

G – COMMUNITY MANAGEMENT AREA

G1 – Area of constructions and arrangements for community management;

G1P - Area of constructions and arrangements for community management located in the Protected Built Area;

G2 – Area of cemeteries and related functions;

G2P – Area of cemeteries and related functions located in the Protected Built Area;

DS – SPECIAL DESTINATION AREA

DSP – Special destination area located in the Protected Built-up Area.

3. PROTECTION BOUNDARIES/AREAS

PROTECTION BOUNDARIES/AREAS OF THE BUILT-UP BASE



PROTECTED BUILT-UP AREAS

PROTECTION BOUNDARIES/AREAS FOR SPECIAL PURPOSE OBJECTIVES

----- PROTECTION AREAS FOR SPECIAL PURPOSE OBJECTIVES

BOUNDARIES / AREAS WITH AERONAUTICAL EASEMENT



EASEMENT AREAS LRTM TG MURES / TRANSYLVANIA INTERNATIONAL AIRPORT

CNS EQUIPMENT PROTECTION ZONES WITH OMNIDIRECTIONAL RADIATION / NAV



TG MURES / ELIE CARAFOLI AIRPORT UTILITY ZONES



SMURD HELIPORT CIVIL AUTHORITY LIMIT – TAKEOFF/APPROACH CLIMBING

SURFACE SLOPE 4.5%

DEPOMUR PROTECTION BOUNDARIES / AREAS

----- BOUNDARY OF THE PROTECTION AREA OF DEPOMUR OBJECTIVES

PROTECTION BOUNDARIES / AREA OF THE NATURAL ENVIRONMENT



BOUNDARY OF THE PROTECTION AREA OF THE FOREST FUND

4. ZONING OF EXTRA-URBAN LAND

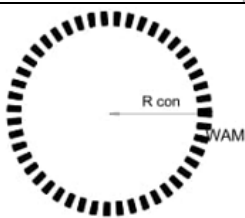
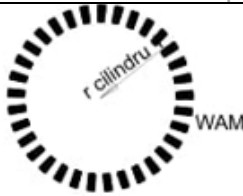
TX LAND IN DIFFERENT USE CATEGORIES (ARABLE, PASTURES-HAYFIELDS)



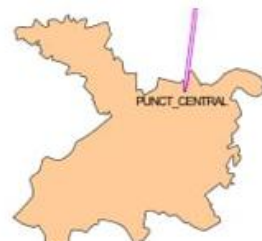
TX FORESTS

TX WATERS

In the interest of air navigation safety, no new facilities may be located, built and/or installed in the protection areas and zones related to CNS and meteorological facilities without the approval of the AACR (Romanian Civil Aeronautical Authority).

INVENTORY OF COORDINATE POINTS								
GEODESIC COORDINATES				COORDINATES – stereographic 1970-				
Point name	B (Latitude)	L (Longitude)	H MN1975	Point name	x[m]	y[m]	H MN1975	
Den.punct	B (Latitudine)	L (Longitudine)	H MN1975		Den.punct	x[m]	y[m]	H MN1975
THR_07	46°27'54.99415"N	24°24'00.24106"E	293.5224		THR_07	551911.5760	454049.3030	293.5224
THR_25	46°28'12.51769"N	24°25'29.95275"E	293.5224		THR_25	552438.3800	455966.9240	293.5224
DME	46°27'54.18194"N	24°24'16.41111"E	291.6000		DME	551883.9110	454394.0490	291.6000
GP_07	46°27'54.38194"N	24°24'16.21111"E	294.2100		GP_07	551890.1170	454389.8290	291.6000
LOC_07	46°28'15.08142"N	24°25'43.30932"E	294.2100		LOC_07	552515.4670	456252.3870	294.2100
NDB_LM	46°27'41.78287"N	24°22'52.61290"E	-		NDB_LM	551514.8010	452603.5010	294.2100
NDB_LO	46°26'48.88551"N	24°18'23.71612"E	-		NDB_LO	549929.2200	446852.9000	0.0000
WAM_GS-13_SARMASEL	46°47'00.10828"N	24°11'26.43476"E	-		WAM_GS-13_Sarmasel	587405.1420	438331.2600	0.0000
WAM_GS-12_REGHIN	46°46'09.57517"N	24°40'09.24288"E	-		WAM_GS-12_Reghin	585581.8280	474860.8340	0.0000
WAM_BOLDUT	46°37'11.94582"N	23°58'28.55536"E	-		WAM_Boldut	569438.9200	421599.9270	0.0000
WAM_CORNESTI	46°32'53.32343"N	24°35'09.84013"E	-		WAM_Cornesti	561029.8840	468381.1690	0.0000
WAM_MURESENI	46°30'31.88154"N	24°30'28.02540"E	-		WAM_Mureseni	556697.8270	462351.5490	0.0000
WAM_VIDRASAU	46°28'21.21191"N	24°24'46.73657"E	-		WAM_Vidrasau	552713.5030	455047.1180	0.0000
WAM_TARGU_MURES	46°28'01.87098"N	24°25'23.60568"E	-		WAM_Targu_Mures	552110.7020	455829.1530	0.0000
WAM_ATINTINS	46°23'53.78098"N	24°04'02.58641"E	-		WAM_Atintins	544712.0190	428415.0790	0.0000
WAM_TARNAVENI	46°20'28.84870"N	24°15'58.31936"E	-		WAM_Tarnaveni	538225.5030	443642.4140	0.0000
WAM_PADUREA_CERII	46°21'48.63938"N	24°42'04.19421"E	-		WAM_Padurea_Cerii	540471.1960	477129.3620	0.0000
DME_DEALUL_CIUHEI	46°10'59.99550"N	24°49'12.99986"E	-		DME_Dealul_Ciuhei	520419.9060	486247.9400	0.0000
ANTENA_WHF	46°28'02.9270"N	24°25'24.6938"E			ANTENA_WHF	552140.164	455857.035	0.0000

	CNS EQUIPMENT PROTECTION AREAS WITH OMNIDIRECTIONAL RADIATION / NAV		CNS EQUIPMENT PROTECTION SURFACES WITH OMNIDIRECTIONAL RADIATION / NAV
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<p>AERONAUTICAL REFERENCE AREAS OF TARGU MURES AIRPORT</p> 	<p>AERONAUTICAL REFERENCE AREA LRTM TARGU MURES / TRANSYLVANIA INTERNATIONAL AIRPORT</p> 	<p>AERONAUTICAL REFERENCE AREAS HELIPORT OF THE COUNTY CLINICAL EMERGENCY HOSPITAL TARGU MUREȘ Climbing surface at take-off/approach slope 4.5%</p> <p>CENTRAL POINT</p> 
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**"THRESHOLD COORDINATES DETERMINED BY THE WGS-84 ELLIPSDOID Geodetic Coordinates"
TRANSYLVANIA AIRPORT TARGU-MURES**

Point name	B (Latitude)	L (Longitude)	H
	[° ' "]	[° ' "]	MN 1975
			(elevation)
			[m]
THR_25	46°28'12".53	24°25'29".92	293.522
THR_07	46°27'55".01	24°24'00".25	293.522

**„THRESHOLD COORDINATES DETERMINED BY THE WGS-84 ELLIPSDOID Geodetic Coordinates”
MURES AERODROME**

Point name	B (Latitude)	L (Longitude)	H
	[° ' "]	[° ' "]	MN 1975
			(elevation)
			[m]
PRAG-23	46°32'07".643	24°32'03".18	306.730
PRAG-05	46°31'52".604	24°31'29".75	305.370

**„THRESHOLD COORDINATES DETERMINED BY THE WGS-84 ELLIPSDOID Geodetic Coordinates”
MURES SMURD HELIPORT**

Point name	B (Latitude)	L (Longitude)	Elevation MN 75
	° ' "	° ' "	(m)
REFERENCE POINT	46°33'36".33N	024°35'01".86E	334.19

U.A.T. = Administrative-Territorial Unit

Area III:

- horizontal surface starting from the extremity of Area II and excluding Area I;
- horizontal extension/distance from the edges of the runway strip, in any direction: 8,500 m (excluding Zone I and Zone II);
- surface height: +30.0 m above the aerodrome elevation (0.0 m);

U.A.T. SANTANA DE MURES

U.A.T. SANGEORGIU DE MURES

Area I:

- inclined trapezoidal surface (at each end of the runway, in the extension of the axis);
- the small base of the trapezoid coincides with the edge of the runway strip;
- symmetrical with respect to the extension of the runway axis;
- outward flare: 15°;
- horizontal extension/distance from the end of the runway strip, in the direction of the runway axis: 8,500 to 15,000 m, depending on the category of approach operations when landing;
- height of the large base of the trapezoid at 8,500 m: +30.0 m from the aerodrome elevation 0.0 m (slope 1:285 from the edge of the runway strip, outward);
- for heights in the 8,500 m – 15,000 m sector: slope 1:50 from the elevation of +30.0 m.

Area II:

- conical surface, excluding Area I;
- horizontal extension/distance from the edges of the runway strip, in any direction: 4,500 m, excluding Area I (runway strip width: 150 m left/right of the runway axis);
- outer edge height: +30.0 m from the aerodrome elevation 0.0 (slope 1:150 from the edge of the runway strip, outwards)

U.A.T SANCRAIU DE MURES

Area III:

- horizontal surface starting from the end of Area II and excluding Area I;
- horizontal extension/distance from the edges of the runway strip, in any direction: 8,500 m (excluding Area I and Area II);
- surface height: +30.0 m above the aerodrome elevation (0.0 m);

Area I:

- inclined trapezoidal surface (at each end of the runway, in the extension of the axis);
- the small base of the trapezoid coincides with the edge of the runway strip;
- symmetrical with respect to the extension of the runway axis;
- outward flare: 15°;
- horizontal extension/distance from the end of the runway strip, in the direction of the runway axis: 8,500 m to 15,000 m, depending on the category of approach operations when landing;
- height of the large base of the trapezoid at 8,500 m: +30.0 m from the aerodrome elevation 0.0 m (slope 1:285 from the edge of the runway strip, outward);
- for heights in the 8,500 m – 15,000 m sector: slope 1:50 from the elevation of +30.0 m.

Area III

- horizontal surface starting from the end of Area II and excluding Area I;
- horizontal extension/distance from the edges of the runway strip, in any direction: 8,500 m (excluding Area I and Area II);
- surface height: +30.0 m above the aerodrome elevation (0.0 m);

U.A.T. CORUNCA

Area II:

- conical surface, excluding Area I;
- horizontal extension/distance from the edges of the runway strip, in any direction: 4,500 m, excluding Area I (width of the runway strip: 150 m left/right of the runway axis);
- height of the outer edge: +30.0 m from the aerodrome elevation 0.0 m (slope 1:150 from the edge of the runway strip, outwards)

Area I:

- inclined trapezoidal surface (at each end of the runway, in the extension of the axis);
- the small base of the trapezoid coincides with the edge of the runway strip;
- symmetrical with respect to the extension of the runway axis;
- outward flare: 15°;
- horizontal extension/distance from the end of the runway strip, in the direction of the runway axis: 8,500 m to 15,000 m, depending on the category of approach operations when landing;
- height of the large base of the trapezoid at 8,500: +30.0 from the aerodrome elevation 0.0 m (slope 1:285 from the edge of the runway strip, outward);
- for heights in the 8,500 m – 15,000 m sector: slope 1:50 from the elevation of +30.0 m.

U.A.T. CRĂCIUNESTI

BENEFICIARY**TÂRGU MUREŞ CITY HALL**

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GENERAL DESIGNER:

S.C. PROIECT S.R.L. Director: Legal Advisor SIMO ISTVAN

Illegible signature – Company stamp

S.C. PROINVEST SRL Director: Engineer GOGOLAK H. ZSOLT

Illegible signature – Company stamp

SHEET NO.: 06**TERRITORIAL REFERENCE UNITS****SPECIALIST DESIGNER: S.C. PROIECT S.R.L.**

Urban Planning Architect RAUS ADRIANA – *illegible signature* and stamp

Urban Planning Architect KERESZTES GEZA – *illegible signature*

Urban Planning Architect PASTOR CORINA – *illegible signature*

Urban Planning Architect BORSA SERGIU – *illegible signature*

Architect POP-LUPU H. MIHAELA - *illegible signature*

Architecture Technician VARGANCSIK ZOLTAN SZILARD - *illegible signature*

CONTRACT NUMBER: -

DATE: **SEP/2022**

SCALE: **1:10000**

PHASE: **GENERAL URBAN PLAN OF TÂRGU MUREŞ MUNICIPALITY**