

REFERAT

Privind verificarea la cerința de calitate A1
a proiectului faza DTAC+PT ce face obiectul contractului Nr.
Denumire proiect : Construire centru turistic pentru activități culturale și sportive
în satul LUPȘA de JOS comuna Broșteni

1. Date de identificare

- Proiectant General S.C. IN OVO ARCHITECTURE S.R.L
- Proiectant de specialitate: S.C. SELECT PROIECT S.R.L.
- Investitor: UAT BROȘTENI Jud. MEHEDINTINTI
- Amplasament: Jud. Mehedinți Localitatea: Lupșa de Jos Com. Broșteni
Str: Nr Bl. Sc. Ap. Et
- Data prezentării proiectului pentru verificare 29.12.2017

2. Caracteristici principale ale proiectului și ale construcției:

☒ Construcție nouă ☐ Construcție existentă care se pune în siguranță ☐ Amenajare
☐ Reabilitare ☐ Extindere ☐ Supraetajare ☐ Demolare ☐ Gol acces ☐ Recompartimentari

Tipul construcției: Cămin cultural, magazie lemne, bazin Dimensiuni: 24.50 x 27.50 ;12.0x3.0 m
vidanjabil V= 25 mc

Fundații beton Structura de rezistență: Mixtă ; zidarie portantă ;
beton armat

Planșee: Beton armat partial Șarpanta: Lemn, lemn - Învelitoare țiglă

Categoria de importanta : C Categoria structurii conf. P100 : Clasa de importanta III
Condiții de amplasament: Zona hazard seismic $ag = 0.15$ $T_c = 0.70$ sec Zona clima ica
Presiunea dinamică Teren de fundare $P_{conv.} = 280$ KPa

3. Documente care se prezintă la verificare :

- Tema de proiectare
- Certificat de urbanism Nr. emis de:
- Aviz e obținute
- Autorizația de construire Nr. emisă de :

☐ Raport de expertiză tehnică ☒ Memoriu care prezintă soluția elaborată
☒ Planșe care prezintă soluția constructivă ☐ Note de calcul ☐ Program de calcul

4. Concluzii asupra verificării:

☒ În urma verificării se consideră proiectul corespunzător pentru faza verificată , semnându-se și
ștampilându-se conform îndrumător.

☐ În urma verificării se consideră proiectul corespunzător pentru faza verificată , semnându-se și
ștampilându-se conform îndrumătorului, cu următoarele condiții obligatorii a fi introduse în
proiect prin grija investitorului de către proiectant:

Am primit 2 exemplare
Beneficiar

Am predat 2 exemplare
Verificator proiecte



PROGRAM DE CONTROL
a calitatii lucrarilor si in fazele de executie

In conformitate cu prevederile Legii nr. 10 / 1995, Regulamentului privind controlul de stat al calitatii in constructii (HG 272/1994) si Procedurii privind controlul statului in fazele de executie de executie determinate pentru rezistenta si stabilitatea constructiilor(Ordinul nr. 31/N/1995 al MLPAT), se stabileste urmatorul program de control la investitia:

**CONSTRUIRE CENTRU TURISTIC PENTRU ACTIVITATI CULTURALE SI SPORTIVE
IN SATUL LUPSA DE JOS, COMUNA BROSTENI**

Beneficiar: U A T BROSTENI , JUDET MEHEDINTI.

Participantii la receptia lucrarilor vor fi anuntati cu 10 zile inainte de ajungerea in faza de executie programata, prin grija antreprenorului.

Nr. Crt.	Denumirea lucrarilor ce se controleaza, se verifica, se receptioneaza calitativ sau in faza de executie determinanta	Documentul scris care se incheie: P.V.-proces verbal, P.V.R.C.-proces verbal de etetermina calitativa P.V.C.F.D.-proces verbal de control a lucrarilor in faza eteterminant.	Cine intocmeste si semneaza: I – Inspectia in Constructii P – Proiectant B – Beneficiar E – Executant	Nr si data actului incheiat
0	1	2	3	4
1	Sapatura fundatii	P.V.R.C.	B,E	
2	Natura teren de fundare	P.V.R.C.	B,E,P	
3	Armare elevatii	P.V.R.C.	B,E,P	
4	Turnare beton in fundatiisi elevatii	P.V.R.C.	B,E	
5	Armare stilpi	P.V.R.C.	B,E	
6	Cofrare stilpi	P.V.R.C.	B,E	
7	Turnare beton in stilpi	P.V.R.C.	B,E	
8	Aspect beton dupa decofrare	P.V.R.C.	B,E	
9	Armare si cofrare planseu si grinzi	P.V.R.C.	B,E,P	
10	Turnare beton in planseu si grinzi	P.V.R.C.	B,E	

11	Aspect beton dupa decofrare	P.V.R.C.	B,E	
12	Montare structura metalica	P.V.R.C.	B,E,P	
13	Realizare sarpanta	P.V.R.C.	B,E,P	
14	Receptie invelitoare	P.V.R.C.	B,E	
15	Receptie jgheaburi si burlane	P.V.R.C.	B,E	
16	Receptie termosistem	P.V.R.C.	B,E	

BENEFICIAR,

PROIECTANT,



EXECUTANT,

INSPECTIA DE STAT IN CONSTRUCTII,



STUDIU GEOTEHNIC
CONSTRUIRE CENTRU CULTURAL SI FACILITATI
SPORTIVE IN SATUL LUPSA DE JOS, COM.
BROSTENI, JUD. MEHEDINTI
BENEFICIAR: COMUNA BROSTENI

1. DATE GENERALE

1.1. Denumirea si amplasarea lucrarii

Lucrarea proiectata "Centru cultural si facilitati sportive" este amplasata in satul Lupsa de Jos avand ca beneficiar comuna Brosteni .

1.2. Proiectant general : arh. Dan Boruga B.I.A. si de specialitate geo.: ing. Popescu Laura.

1.3. Date privind sistemul constructiv: fundatii continue din beton, zidarie din caramida, invelitoare din tigla sau tabla.

2. DATE PRIVIND TERENUL DIN AMPLASAMENT

2.1. DATE SEISMICITATEA

2.1.1. Zona de hazard seismic : 0,15 ag.

2.1.2. Perioada de control(colt): 0,7s.

2.2. DATE PRIVIND ADANCIMEA DE INGHET

Adancimea maxima de inghet : 0,70m

2.3. DATE MORFOMETRICE

Terenul amplasamentului este situat pe o forma de relief de tip terasa - terasa superioara a raului Motru, cu energie de relief redusa care asigura stabilitatea.

2.4. DATE GEOLOGICE:

Zona este alcatuita din depozite cuaternare constand din pamanturi coezive - argile. La baza acestor depozite se intalnesc depozite mai vechi din perioada neogena - constituita din marmele.

2.5. APA SUBTERANA

Pe amplasament apa subterana se intalneste la adancimi de 4 - 6m neinfluentand terenul de fundare.

2.6. DATE GEOTEHNICE:

Stratificatia terenului: 0,00- 0,50m umpluturi; 0,50 - 4,00m argila prafoasa.

Terenul de fundare argila prafoasa cu plasticitate mare, stare de consistenta - vartos, gradul de umiditate - umed, compresibilitate medie.

Terenul de fundare se incadreaza in categoria terenurilor bune de fundare.

Adancimea minima de fundare:

$D_{min f} = 0,80 \text{ m}$ de la T.N. Terenul de fundare permite fundarea directa.

Presiunea conventionala de baza:

$P_{conv} = 280 \text{ Kpa}$ ($B > 1,0 \text{ m}$, $D_f = 2,0 \text{ m}$)

3. RISCURI NATURALE

3.1. Alunecari de teren : nu este cazul.

3.2. Inundatii : nu este cazul.

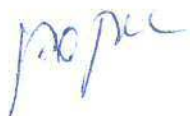
3.3. Cutremure : risc modest.

4. CONCLUZII:

Constructia proiectata se poate realiza in conditii constructive normale - teren bun de fundare, sapatura fara epuizmente, vecinatati fara riscuri.

Intocmit :

Ing. POPESCU Laura



Verificat :

Ing. PARVANESCU Gh.



**GEOTECHNICAL STUDY
BUILDING CULTURAL CENTER AND SPORT FACILITIES
IN LUPSA DE JOS VILLAGE, BROSTENI COMMUNE,
MEHEDINTI COUNTY
BENEFICIARY: BROSTENI COMMUNE**

1. GENERAL INFORMATION.

1.1. Denomination and location of works

The projected work "Cultural center and sport facilities" is located in Lupsa de Jos village, having Brosteni commune as beneficiary.

1.2. General Designer: arch. Dan Boruga Individual Architectural Office and geo. specialized: Eng. Popescu Laura.

1.3. Data on construction system: continuous concrete foundations, brick masonry, tiles or sheet roofing.

2. DATA ON SITE LAND.

2.1. SEISMIC INFORMATION.

2.1.1. Seismic hazard zone: 0.15 ag.

2.1.2. Control Period (corner): 0,7s.

2.2. DATA ON FREEZING DEPTH.

Maximum depth of freezing: 0.70 m.

2.3. MORPHOMETRIC DATA.

The land site is located on a landform of terrace type - upper terrace of the river Motru, with low energy relief to ensure stability.

2.4. GEOLOGICAL DATA.

The area is composed of quaternary deposits consisting of cohesive soils - clay. ancient deposits of the Neogene period – made of marl can be found at the ground of these deposits..

2.5. GROUNDWATER.

Groundwater on site is found at depths of 4 - 6m not influencing the foundation soil.

2.6. GEOTECHNICAL DATA:

Stratification of the Land: 0,00- 0,50m fillings; 0.50 to 4,00 m dusty clay.

Foundation land silty clay with high plasticity, consistent state - vigorous, humidity- wet , average compressibility.

The foundation land belongs to the category of good foundation lands.

Minimum depth of foundation:

$D_{min f} = 0.80$ m of F.L. Foundation Land allows direct foundation.

Basic conventional pressure:

$P_{conv} = 280 \text{ Kpa}$ ($B > 1.0$ m, $D_f = 2, 0$ m)

3. NATURAL HAZARDS.

3.1. Landslide: not applicable.

3.2. Floods: not applicable.

3.3. Earthquakes: modest risk.

4. CONCLUSIONS:

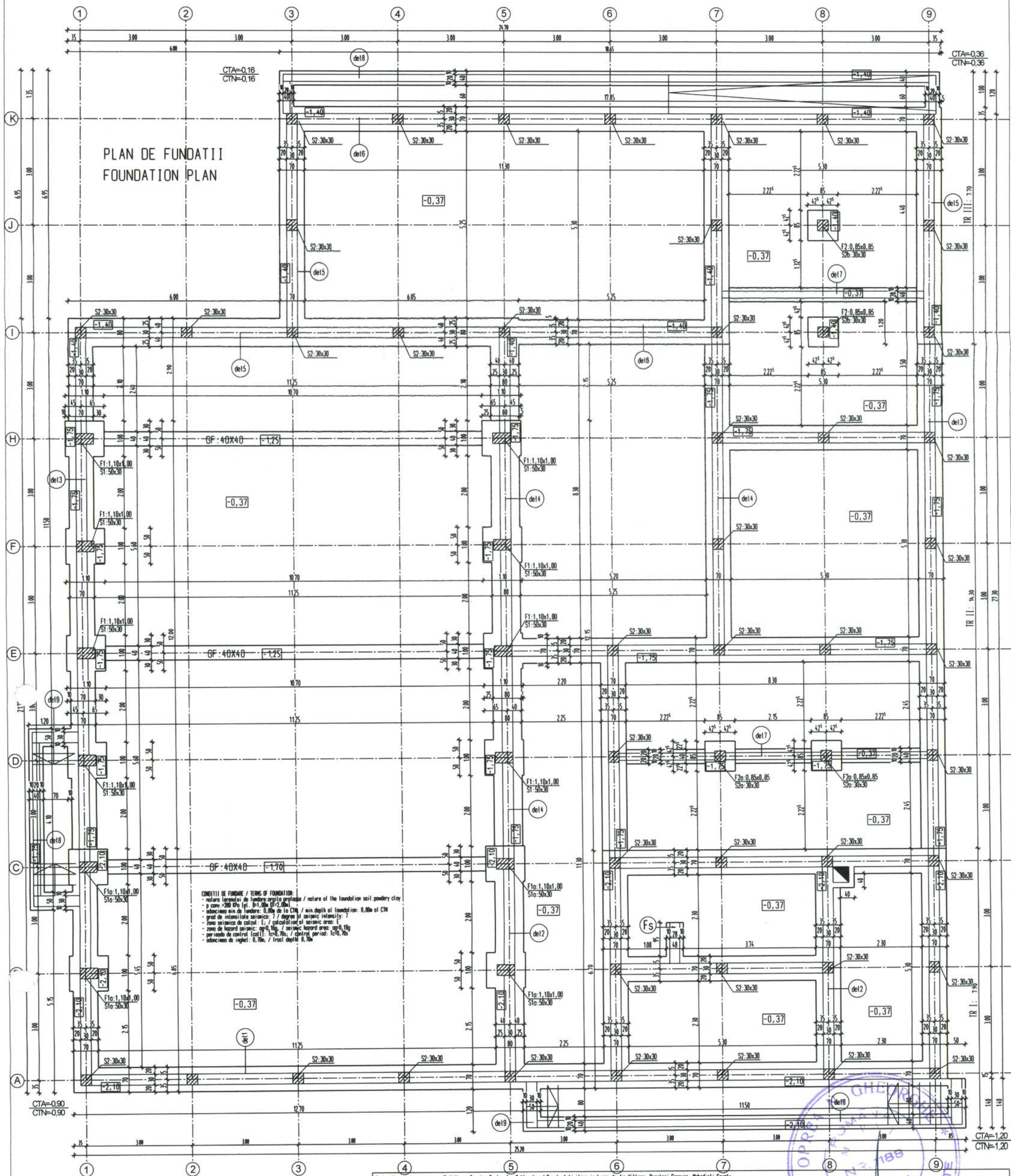
The projected construction can be realized in normal ground conditions -good constructive foundation, excavation without dewatering, neighborhoods without risk.

Drafted by: eng. Popescu Laura, *signature*

popescu

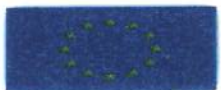
Checked: eng. Parvanescu Gh., *signature and stamp*



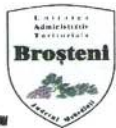


CONDITII DE FUNDARE / TERMS OF FOUNDATION
 - natura terenului de fundare argila proaspata / nature of the foundation soil: powdery clay
 - p. conv. - 200 kPa (pl. 8-1,00 m) (pl. 2,00 m)
 - adancimea min. de fundare: 0,80 m de la CTN / min. depth of foundation: 0,80 m of CTN
 - grad de intensitate seismică: 7 / degree of seismic intensity: 7
 - zona seismică de calcul: E / calculated seismic area: E
 - zona de hazard seismic: arg. 10% / seismic hazard area: arg. 10%
 - perioada de calcul (cal): 1-0,70 s / calcul period: 1-0,70 s
 - adancimea de regiel: 0,70 m / frost depth: 0,70 m

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
 in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
 Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
 Brosteni Commune, Mehedinti County



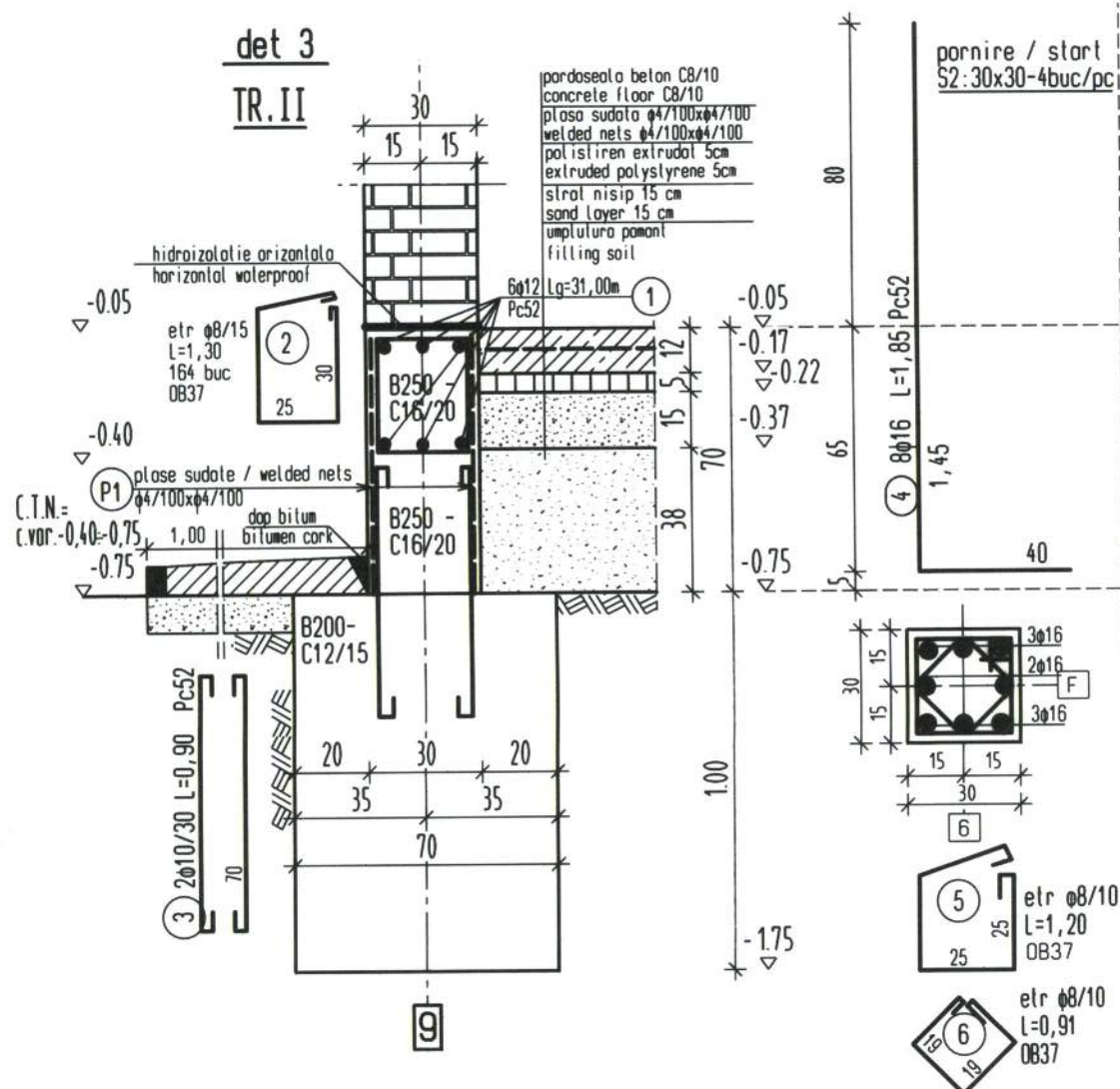
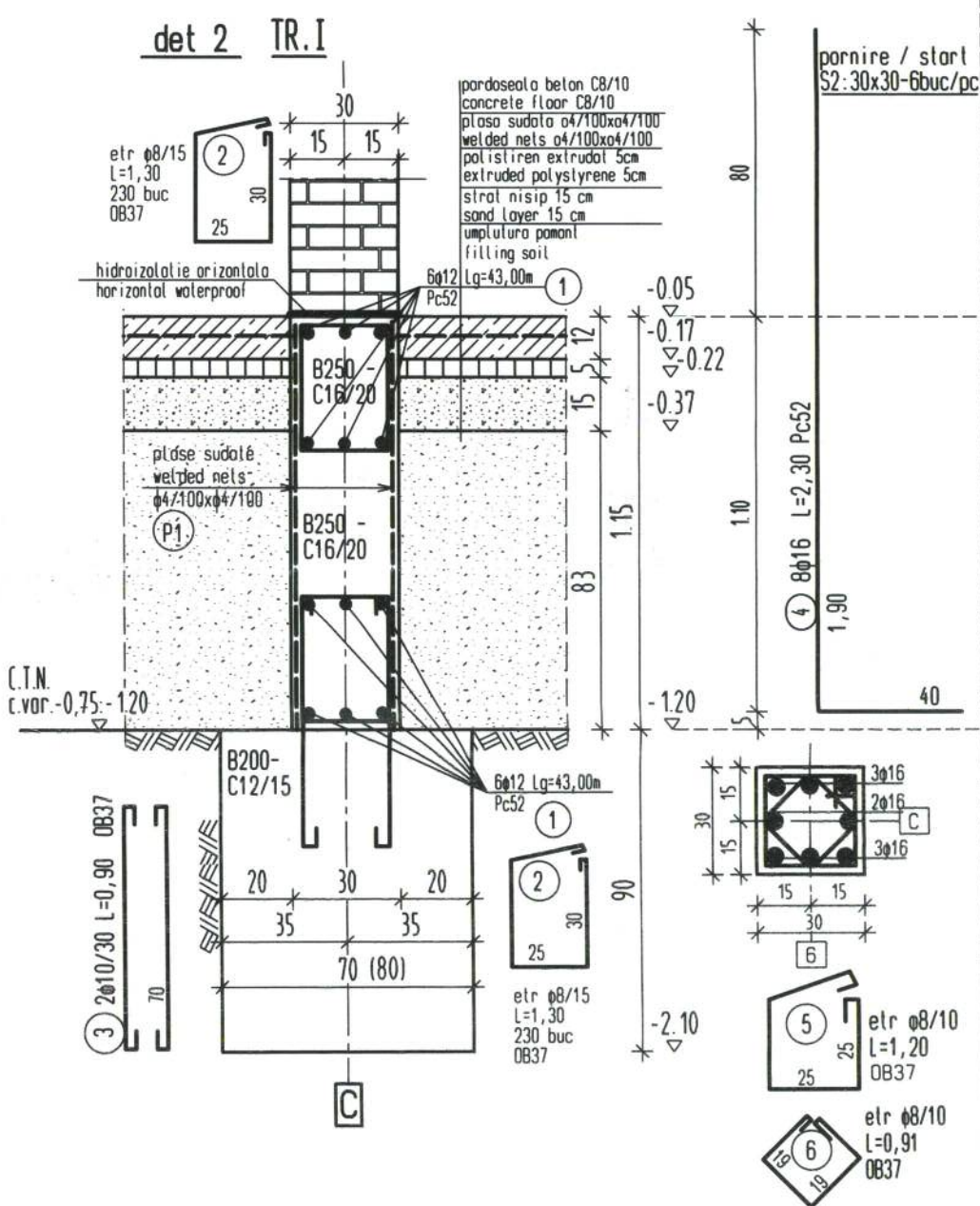
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A project implemented by
 Municipality of Brosteni, MH
 Proiect implementat de catre U.A.T. Brosteni, MH

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania				
Reference: ROMSC26-Municipality of Brosteni-1002				
VERIFICATOR / EXPERT	NUME	SEMNATURA	REFERAT / EXPERTIZA ANEXATA	CERINTA
S.C. SELECT PROJECT S.R.L.		J25/64/02.02.06, C.U.I. 18343052		DATA
Sediul: Strada Topeniilor nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel.: 0720301458;				
PR. NR.	BENEFICIAR:		DENUMIRE PROIECT:	
14/2017	UAT Brosteni - Mehedinti		Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	
SEF PROIECT	Arh. Don BORUGA		DENUMIRE PLANSĂ	
INTOCNIT	Ing. Diana MARIN		Centru expozitional / Exhibition Center -	
DESEMAT	Ing. Diana MARIN		PLAN DE FUNDATII FOUNDATION PLAN	
VERIFICAT	Ing. Marinela RADULESCU		FAZA P.Th.	
			SCARA 1/100	
			PL. NR. R1	

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
Brosteni Commune, Mehedinti County

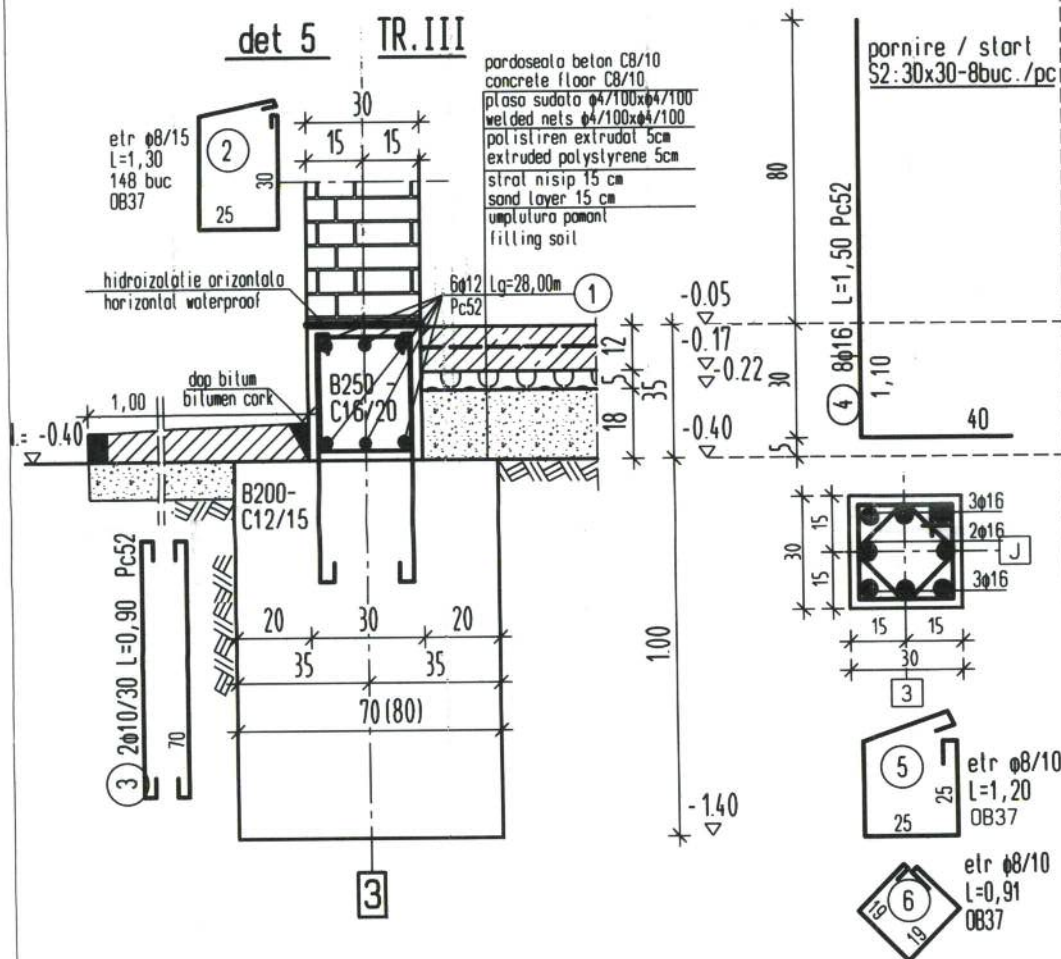


- beton simplu / concrete simple: C12/15 - S2 - Cl 0,40
 - CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC0.
- beton armat / reinforce concrete: C16/20 - S2 - Cl 0,40
 - CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- oțel beton / concrete steel: OB37, Pc52.

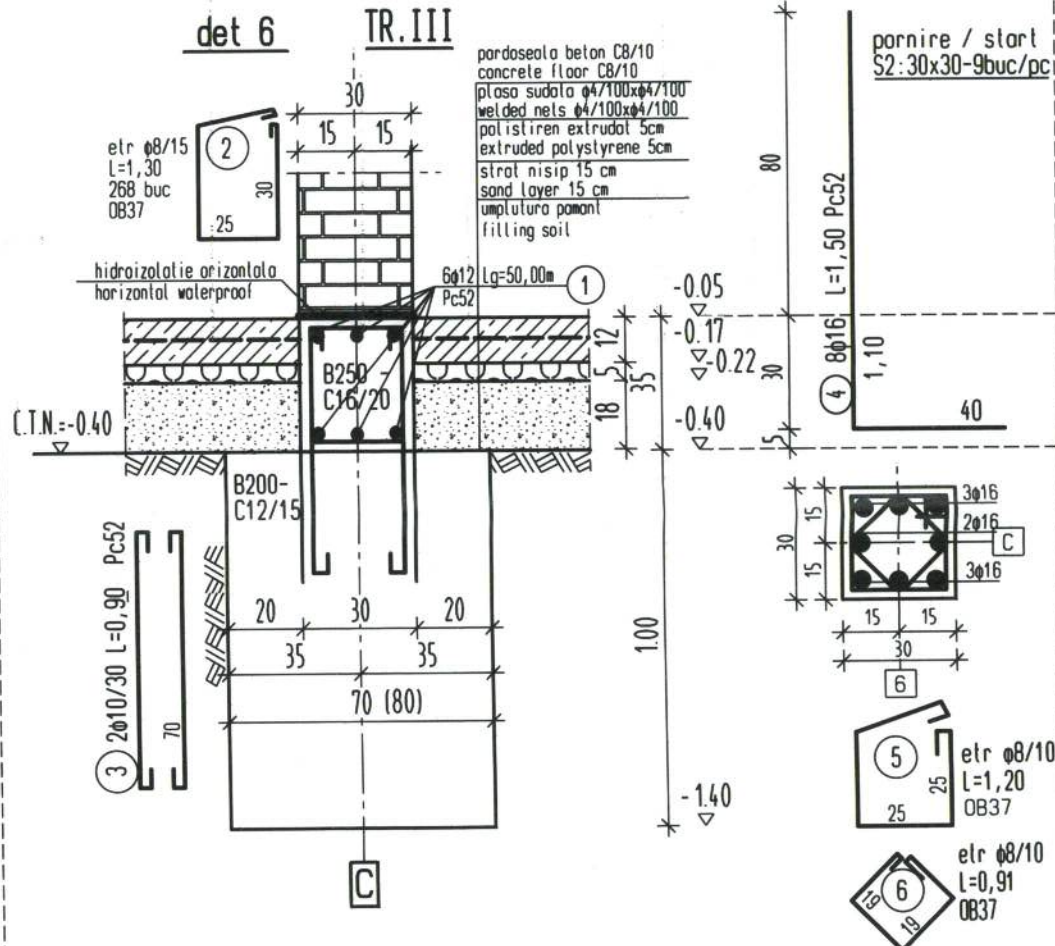


Project Name:		Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brasteni Commune, Mehedinți County				Date:	Dec. 2017
Beneficiary:		Brasteni Commune, Mehedinți County, Romania				Drawing:	Exhibition Center - Joinery List
Reference:		RORS26-Municipality of Brasteni-ID02					
VERIFICATOR / EXPERT		NUME		SEMNATURA		REFERAT / EXPERTIZA NR. DATA	
S.C. SELECT PROIECT S.R.L.		J25/64/02.02.06, C.U.I. 18343052				CERINTA	
Sediul: Strada Topolitei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;						DATA	
PR. NR.		BENEFICIAR:		DENUMIRE PROIECT:		FAZA	
14/2017		UAT Brasteni - Mehedinți		Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brasteni		P.Th.	
SEF PROIECT		Arh. Dan BORUGA		DENUMIRE PLANSĂ		SCARA	
INTOCMIT		Ing. Diana MARIN		Centru expozitional / Exhibition Center -		1/20	
DESEMAT		Ing. Diana MARIN		DETALII FUNDATII / FOUNDATION DETAILS		PL. NR	
VERIFICAT		Ing. Marinela RADULESCU				R2	

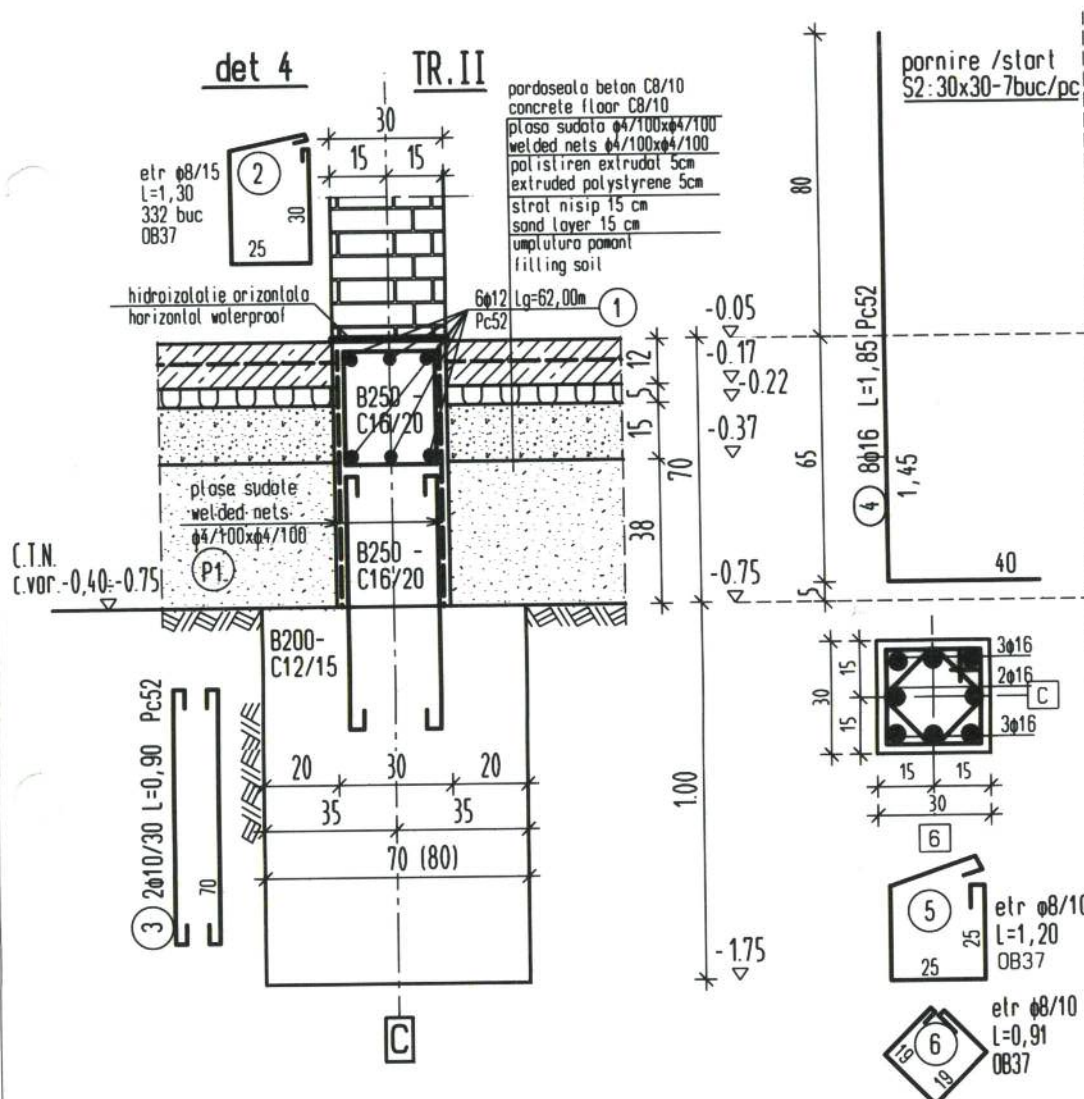
det 5 TR.III



det 6 TR.III



det 4 TR.II



MATERIALE / MATERIALS:

- beton simplu / concrete simple: C12/15 - S2 - Cl 0,40
 - CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC0.
- beton armat / reinforce concrete: C16/20 - S2 - Cl 0,40
 - CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- otel beton / concrete steel: OB37, Pc52.

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village,
Brosteni Commune, Mehedinti County



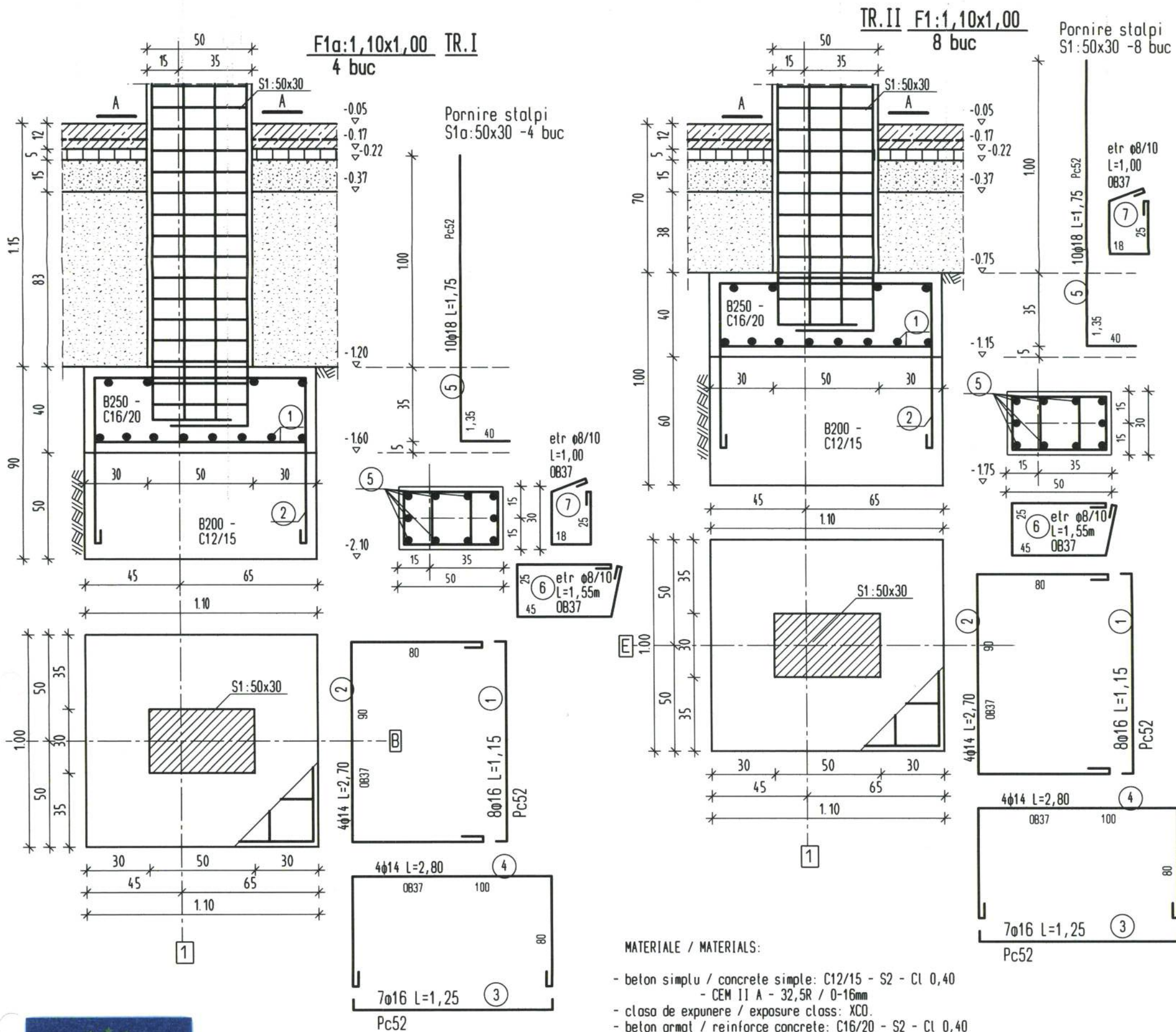
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A project implemented by
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Proiect implementat de catre U.A.T. Brosteni, MH

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania				
Reference: RORS26-Municipality of Brosteni-TD02				
VERIFICATOR / EXPERT	NUME	SEMNAURA	REFERAT / EXPERTIZA NR./DATA	CERINTA DATA
S.C. SELECT PROIECT S.R.L. J25/64/02.02.06, C.U.I. 18343052				Dec.2017
Sediul: Strada Toplnitei nr.13, bloc 1,sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				
	PR. NR.	BENEFICIAR:	DENUMIRE PROIECT:	FAZA
	14/2017	UAT Brosteni - Mehedinti	Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	P.Th.
	SEF PROIECT	Arh. Dan BORUGA	DENUMIRE PLANSA	SCARA
	INTOCMIT	Ing. Diana MARIN	Centru expozitional / Exhibition Center -	1/20
	DESENAT	Ing. Diana MARIN	DETALII FUNDATII / FOUNDATION DETAILS	PL. NR.
VERIFICAT	Ing. Marinela RADULESCU			R3

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
'Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village'
Brosteni Commune, Mehedinti County



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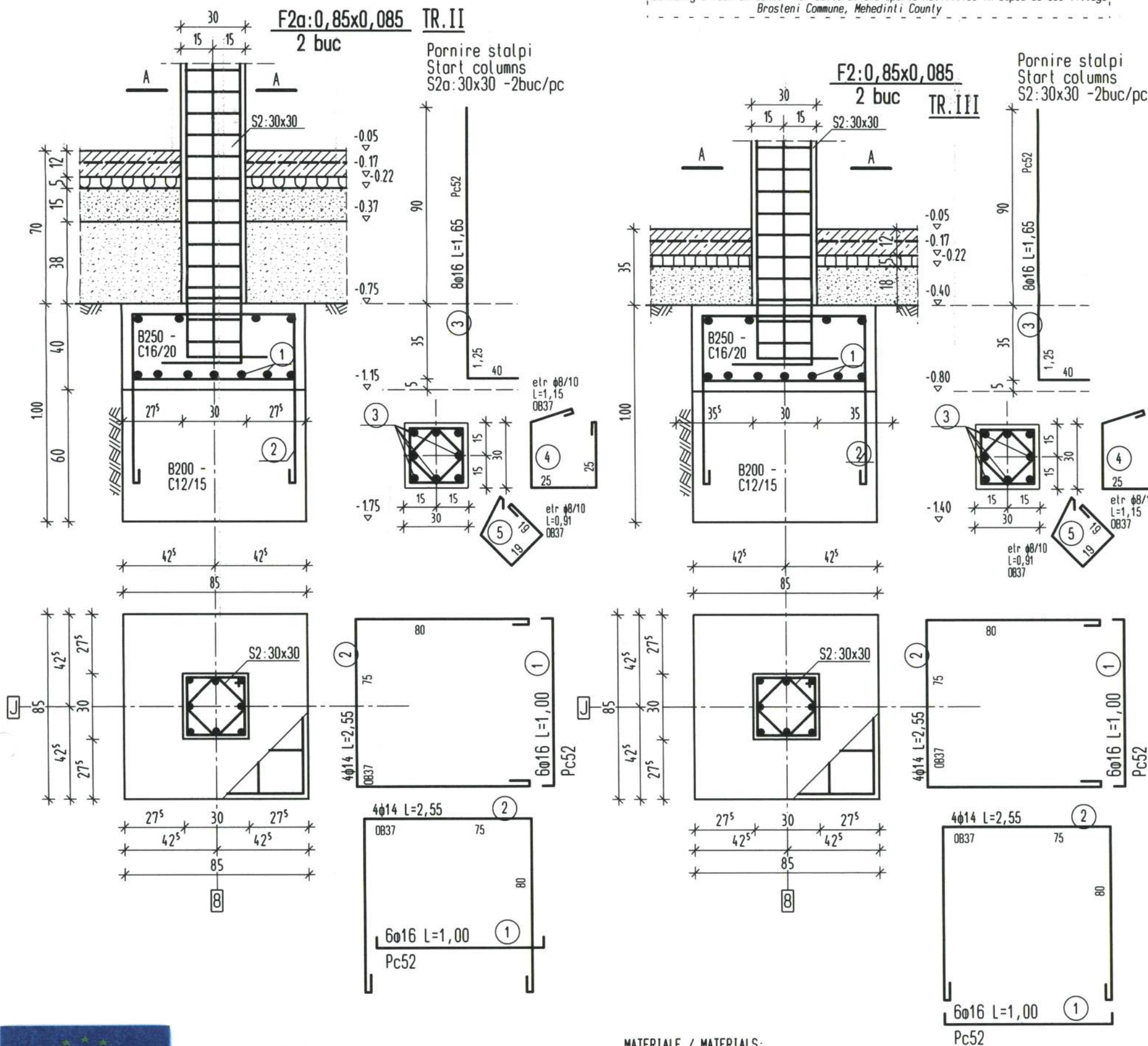
A project implemented by
Municipality of Brosteni, MH
Proiect implementat de catre U.A.T. Brosteni, MH

MATERIALE / MATERIALS:

- beton simplu / concrete simple: C12/15 - S2 - Cl 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC0.
- beton armat / reinforce concrete: C16/20 - S2 - Cl 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- oțel beton / concrete steel: OB37, Pc52.

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017	
Beneficiary: Brosteni Commune, Mehedinti County, Romania					
Reference: RORS26-Municipality of Brosteni-TD02					
VERIFICATOR / EXPERT	NUME	SEMNATURA	REFERAT / EXPERTIZA NR. / DATA	CERINTA	
S.C. SELECT PROIECT S.R.L. J25/64/02.02.06, C.U.I. 18343052				DATA	
Sediul: Strada Topolului nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				Dec. 2017	
	PR. NR. 15/2017	BENEFICIAR: UAT Brosteni - Mehedinti	DENUMIRE PROIECT: Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	FAZA P. Th.	
	SEF PROIECT	Arh. Dan BORUGA		SCARA 1/20	
	INTOCMIT	Ing. Diana MARIN			PL. NR.
	DESENAT	Ing. Diana MARIN			R4
	VERIFICAT	Ing. Marinela RADULESCU			
			DENUMIRE PLANSA Centru expozitional / Exhibition Center - DETALII FUNDATII / FOUNDATION DETAILS		

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village,
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Proiect implementat de catre U.A.T. Brosteni, MH

MATERIALE / MATERIALS:

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- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- otel beton / concrete steel: OB37, Pc52.

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery		Date: Dec 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania				
Reference: RORS26-Municipality of Brosteni-T002				
VERIFICATOR / EXPERT	NUME	SEMNAURA	REFERAT / EXPERTIZA NR./DATA	CERINTA
S.C. SELECT PROIECT S.R.L. J25/64/02.02.06, C.U.I. 18343052				DATA
Sediul: Strada Topolilor nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				Dec. 2017
PR. NR. 14/2017	BENEFICIAR: UAT Brosteni - Mehedinti	DENUMIRE PROIECT: Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni		FAZA P.Th.
SEF PROIECT	Arh. Dan BORUGA	DENUMIRE PLANSA: Centru expozitional / Exhibition Center - DETALII FUNDATII / FOUNDATION DETAILS		SCARA 1/20
INTOCMIT	Ing. Diana MARIN			PL. NR.
DESENAT	Ing. Diana MARIN			R5
VERIFICAT	Ing. Marinela RADULESCU			

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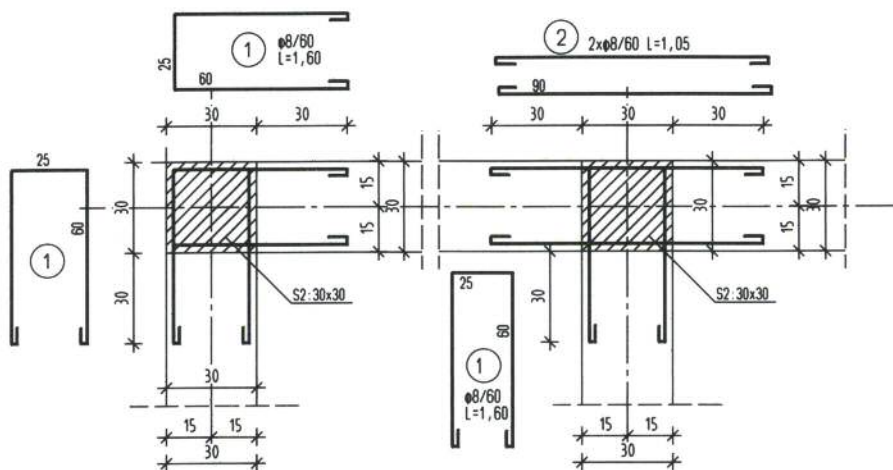
A project implemented by
Municipality of Brosteni, MH
Proiect implementat de catre U.A.T. Brosteni, MH

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village,
Brosteni Commune, Mehedinti County

Detalii de ancorare a zidariei de samburii de beton sc 1:20
Anchor details of the concrete masonry sc 1:20

DET 1

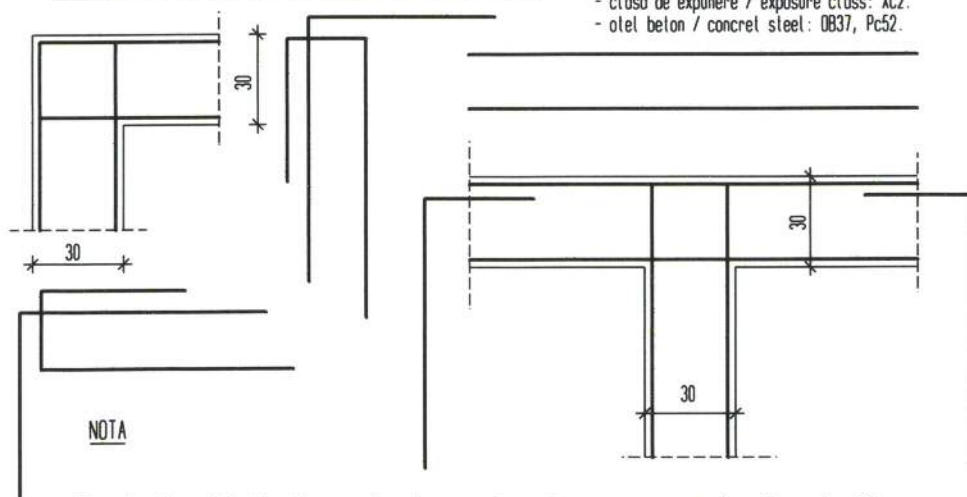
DET 2



DETALII DE INADIRE A BARELOR LONGITUDINALE DIN CENTURI
DETAILS FOR INSERTING LONGITUDINAL BARS FROM CORBELS

MATERIALE / MATERIALS:

- beton ormol / reinforcement concret: C16/20 - S2 - C1 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2
- oțel beton / concret steel: OB37, Pc52

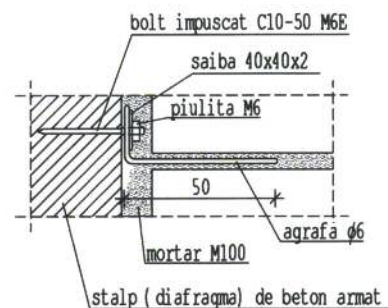


NOTA

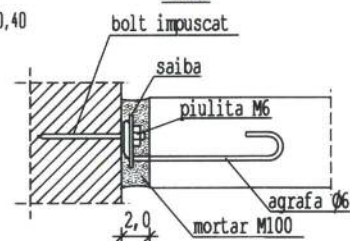
Barele longitudinale se inadesc prin petrecerea pe o lungime de 60o cm respectand regula armarii unghiurilor intronde
The longitudinal bars are inserted by overlapping over a length of 60o cm respecting the rule of reinforcement of intangible angles

ANCORAREA ZIDARIEI DE STALPII DE BETON
MASONRY ANCHORING OF CONCRETE COLUMNS

SECTIONE VERTICALA/VERTICAL SECTION



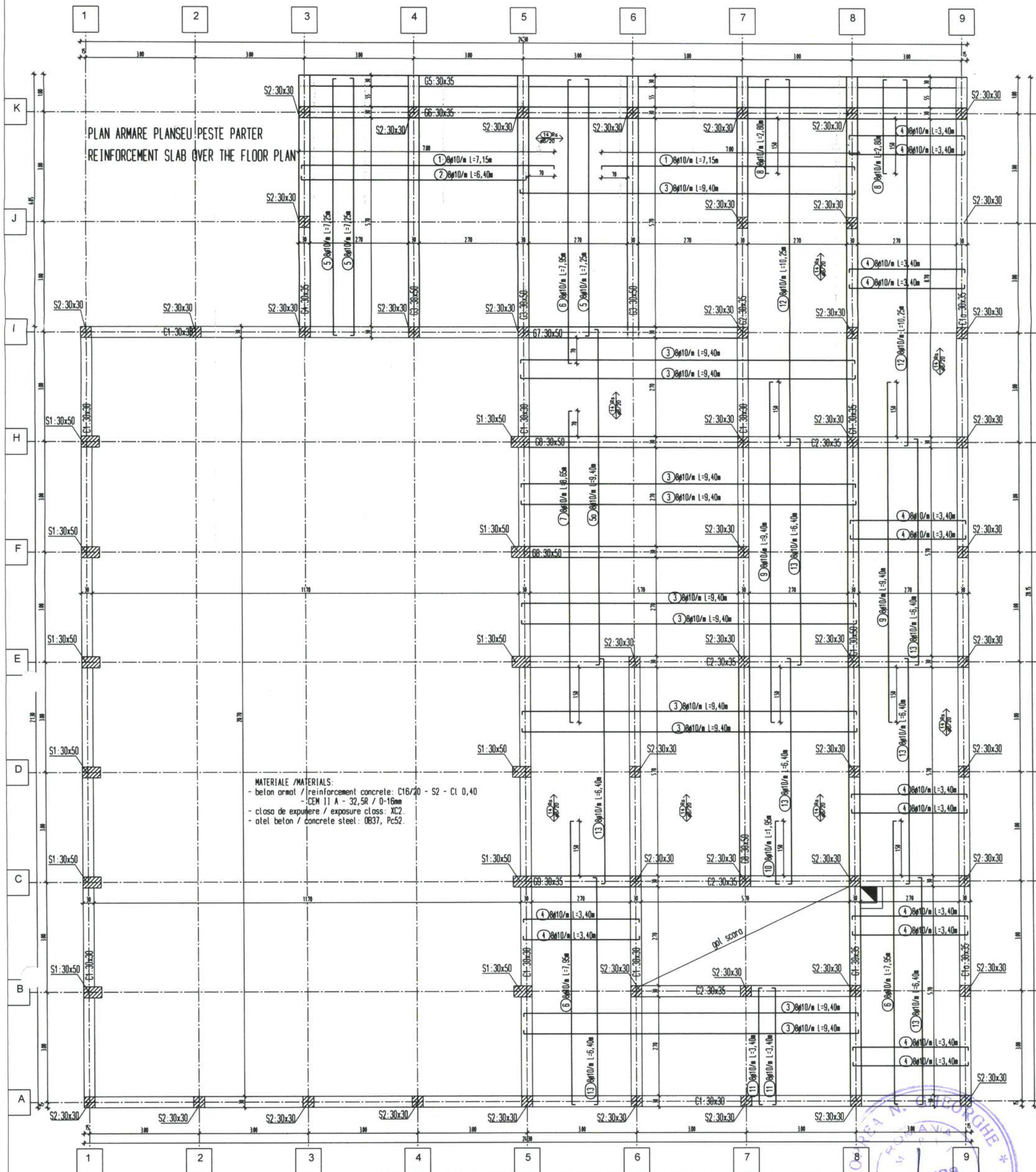
PLAN



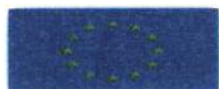
AGRAFA OTEL BETON $\phi 6$ (in perspectiva)



Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupșa de Jos Village, Brosteni Commune, Mehedinți County		Drawing: Exhibition Center - January 1st		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinți County, Romania				
Reference: RORS26-Municipality of Brosteni-T002				
VERIFICATOR / EXPERT	NUME	SEMNATURA	REFERAT / EXPERTIZA NR./DATA	CERINTA DATA
S.C. SELECT PROJECT S.R.L.		J25/64/02.02.06, C.U.I. 18343052		Dec. 2017
Sediu: Strada Toplnitei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				
PR. NR. 14/2017	BENEFICIAR: UAT Brosteni - Mehedinți	DENUMIRE PROIECT: Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupșa de Jos, comuna Brosteni		FAZA P.Th.
SEF PROIECT Arh. Dan BORUGA		DENUMIRE PLANSĂ		SCARA 1/20
INTOCMIT Ing. Diana MARIN		Centru expozitional / Exhibition Center -		PL. NR
DESENAT Ing. Diana MARIN		DETALII / DETAILS		
VERIFICAT Ing. Marinela RADULESCU				



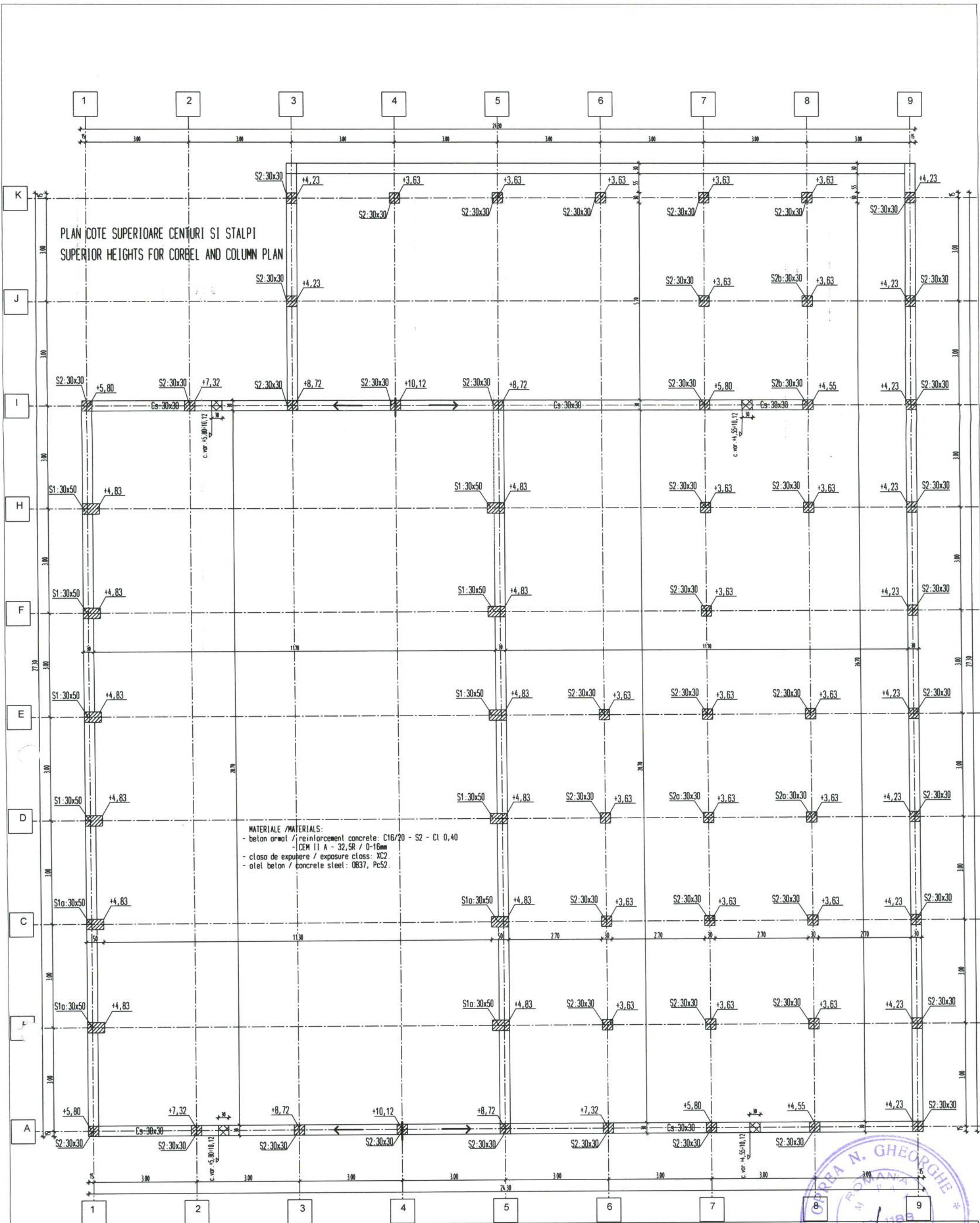
Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupș de Jos, comuna Broșteni, județul Mehedinți
Building a Tourism Center for Cultural and Sports Activities in Lupș de Jos Village
Broșteni Commune, Mehedinți County



This project is funded by
the European Union
Proiect finanțat de UNIUNEA EUROPEANĂ



A project implemented by
Municipality of Broșteni, MH
Proiect implementat de către U.A.T. Broșteni, MH



Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE SI SPORTIVE
 in satul Lupsa de Jos, comuna Broșteni, județul Mehedinți
 Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
 Broșteni Commune, Mehedinți County

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - January List		Date: Dec 2017	
Beneficiary: Brosteni Commune, Mehedinti County, Romania					
Reference: R0526-Municipality of Brosteni-2002					
VERIFICATOR / EXPERT		NUME	SEMNAȚURA	REFERAT / EXPERTIZA NR./DATA	CERINTA
S.C. SELECT PROJECT S.R.L. J25/54/02.02.06, C.U.I. 18343052 din 02.02.06					Dec. 2017
Sediul: Strada Topilei nr. 13, Bloc 1, sc. 5, ap. 6 - Dr. Tr. Severin, MH, Romania. Tel. 0720301458;					
	PR. NR.	BENEFICIAR:		DENUMIRE PROIECT:	FAZA
	14/2017	UAT Brosteni - Mehedinti		Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	P. Th.
	SEF PROIECT	Arh. Dan BORUGA		DENUMIRE PLANSĂ	SCARA
	INTOCMIT	Ing. Diana MARIN		Centru expozitional / Exhibition Center -	1/100
	DESEMAT	Ing. Diana MARIN		PLAN COTE SUPERIOARE CENTURI SI STALPI	PL. NR.
	VERIFICAT	Ing. Marinela RADULESCU		SUPERIOR HEIGHTS FOR CORBEL AND COLUMN PLAN	R10



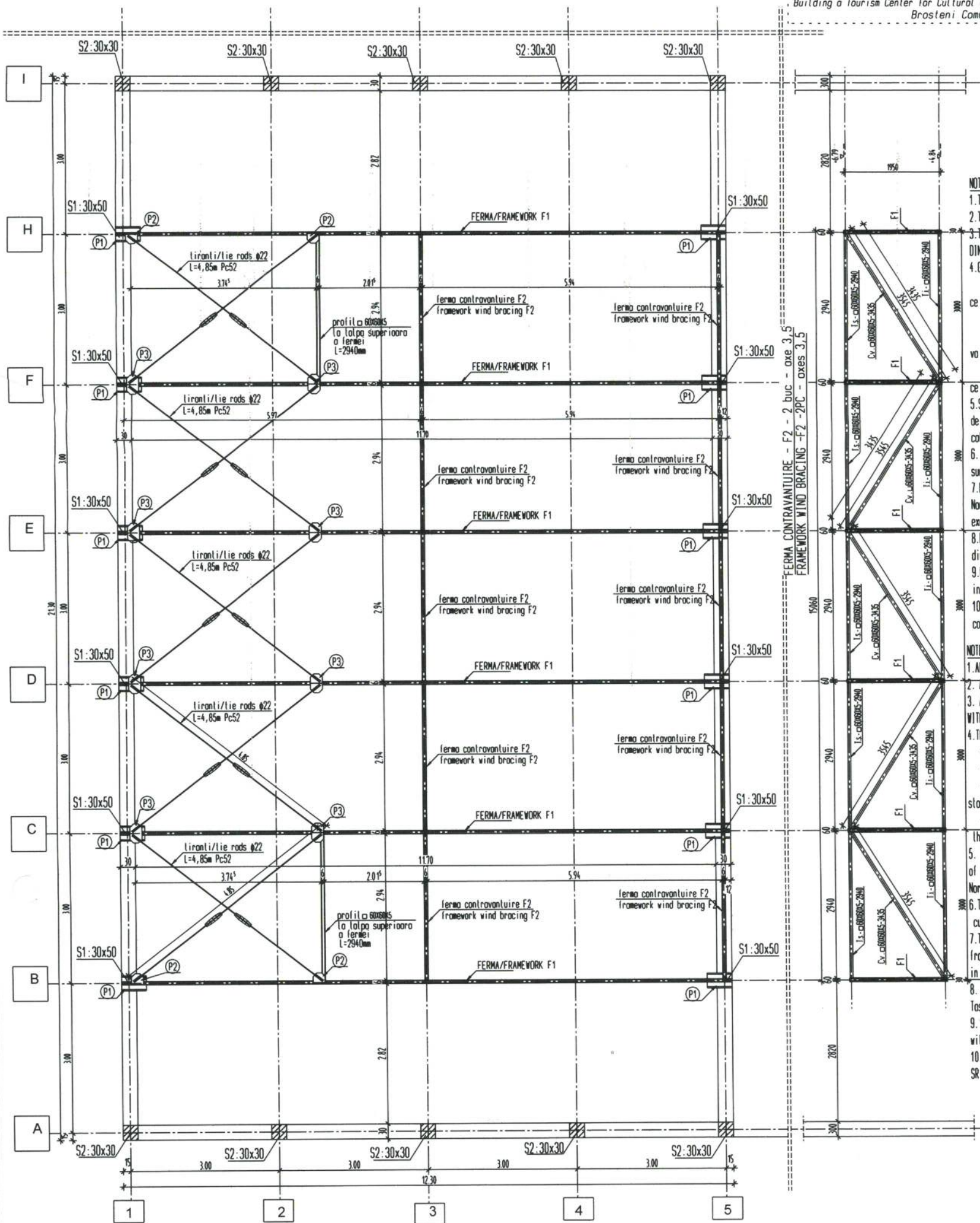
This project is funded by the European Union



A project implemented by Municipality of Broșteni, MH

Proiect implementat de către U.A.T. Broșteni, MH

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
Brosteni Commune, Mehedinti County



NOTA:

1. TOATE DIMENSIUNILE SUNT IN M, CM SI MM, DACA NU SE SPECIFICA ALTFEL.
2. TOATE COTELE DE NIVEL SUNT IN METRI.
3. TOATE DIMENSIUNILE SUNT DATE LA FATA BETONULUI, ZIDARIEI, ELEMENTELOR DIN OTEL, FARA TENCUIALA SAU FINISAJ.
4. Grosimea cordoanelor de sudura nespecificate va fi:
 - sudura in relief (de colt): $a = 0.7 \times$ grosimea minima a pieselor ce se imbina
 - sudura cap la cap: $a =$ grosimea minima a pieselor ce se imbina
 - lipul de prelucrare al marginilor pieselor in vederea sudurii va respecta cerintele standardului SREN 29692.
 - sudura se va executa pe toata lungimea de contact a pieselor ce vor fi sudate
5. Sudurile din prezentul plan au nivelul de acceptare B si categoria de executie B conform tabelului din Normativul privind calitatea sudurilor C150-99.
6. Marginile libere ale elementelor metalice si rosturile imbinarilor sudate au toleranta de clasa 1.1.1 conform SR EN ISO 9013-2003.
7. Elementele sudate vor respecta conditiile tehnice de calitate din Normativul C56/85 - capitolul XIX si vor fi incadrate in categoria de executie A conform STAS 837/0-88.
8. Protectia anticoroziva se va realiza in conformitate cu specificatiile din Caietul de sarcini.
9. Materialele utilizate vor avea certificate de inspectie 3.1 in conformitate cu SREN 10204.
10. Dimensiunile prelucrate se vor incadra in clasele de toleranta mK, conform SR EN 22838-1:95 si SR EN 22838-2:95.

NOTE:

1. ALL THE SIZES ARE IN M, CM AND MM, IF NOT OTHERWISE.
2. ALL THE LEVELS ARE IN METERS.
3. ALL THE SIZES ARE GIVEN AT FACE OF CONCRETE, MASONRY, STEEL ELEMENTS, WITHOUT COATING OR FINISHES.
4. The thickness of not specified welding straps will be:
 - welding in relief (corner) $a = 0.7 \times$ min. thickness of pieces combine
 - welding head to head: $a =$ min. thickness of pieces combine
 - the lip required to process the edges for welding will respect the standard SREN29692
 - the welding will be made on the entire length of the pieces that are welded
5. The welding from the plan need the require acceptance B and category of execution B according the table from Normativ according the quality of welding C150-99.
6. The free edges of metal elements and joints combine welded have the cut of class 1.1.1 according SR EN ISO 9013-2003.
7. The welded elements will respect the technical conditions of quality from Normativ C56/85 - notebook XIX and will be framed in category of execution A according STAS 837/0-88.
8. Anticorrosion protection it will made according the specs from Task notebook.
9. Materials used it will have certifications of inspection 3.1. according with SREN 10204.
10. The dimensions processed it will fit in tolerance mK, according SR EN 22838-1:95 and SR EN 22838-2:95.

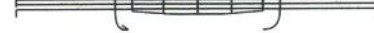
(P3) - 8 buc/pc
placa metalica-tabla
grosime 10 mm
metal plate
blackboard thickness 10mm



(P2) - 4 buc/pc
placa metalica-tabla
grosime 10 mm
metal plate
blackboard thickness 10mm



DETALIU TIRANT/ TIE ROD DETAIL 022



SPECIFICATIE PENTRU OTEL/STEEL SPECIFICATIONS

-OTEL LAMINAT/LAMINATED STEEL: S275J2+N conform SREN 10025-2005-04
-ELECTROZI/WIRES ISO 2560-B E4916-N A conform SREN ISO 2560-2006



This project is funded by
the European Union

Proiect finantat de UNIUNEA EUROPEANA

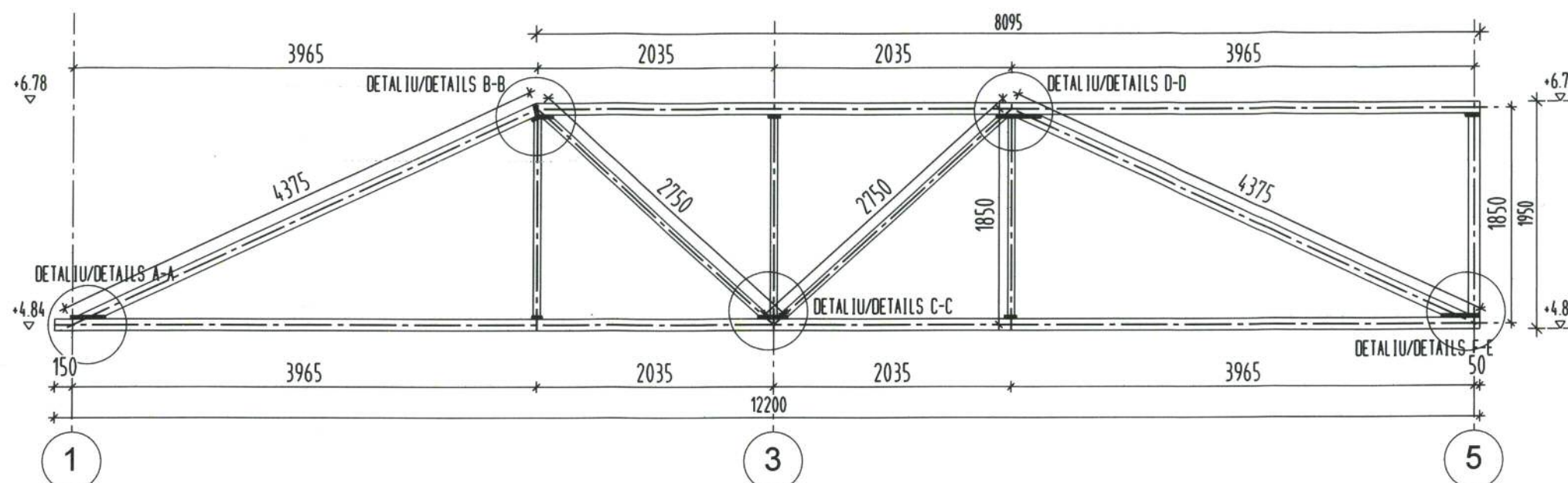


A project implemented by
Municipality of Brosteni, MH

Proiect implementat de catre U.A.T. Brosteni, MH

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania		Reference: RORS26-Municipality of Brosteni-1002		
VERIFICATOR / EXPERT	NUME	SEMNTURA	REFERAT / EXPERTIZA NR./DATA	CERINTA
S.C. SELECT PROIECT S.R.L.		J25/54/02.02.06, C.U.I. 18343052 din 02.02.06		DATA
Sediul: Strada Topnilei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0728301458;				Dec. 2017
	PR. NR.	BENEFICIAR: UAT Brosteni - Mehedinti		FAZA
	14/2017			P.Th.
	DESEINAT	Arh. Dan BORUGA		SCARA
	INTOCMIT	Ing. Diana MARIN		1/100
DESEINAT		Ing. Diana MARIN		PL. NR.
VERIFICAT		Ing. Marinela RADULESCU		R11
		DENUMIRE PROIECT: Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni		
		DENUMIRE PLANSĂ: Centru expozitional		
		PLAN STRUCTURA METALICA ACOPERIS		

FERMA / FRAMEWORK F1 - 6 buc/pc



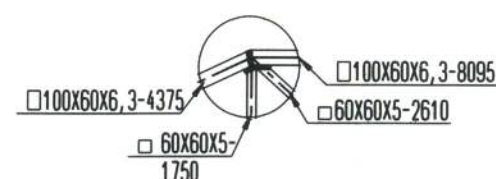
NOTA/NOTE:

- TOATE DIMENSIUNILE SUNT IN MILIMETRI, DACA NU SE SPECIFICA ALTFEL.
ALL THE SIZES ARE IN MILLIMETERS, IF NOT OTHERWISE
- TOATE COTELE DE NIVEL SUNT IN METRI.
ALL THE LEVELS ARE IN METERS
- TOATE DIMENSIUNILE SUNT DATE LA FATA BETONULUI, ZIDARIEI, ELEMENTELOR DIN OTEL, FARA TENCUIALA SAU FINISAJ.
ALL THE SIZES ARE GIVEN AT FACE OF CONCRETE, MASONRY, STEEL ELEMENTS, WITHOUT COATING OR FINISHES.
- Grosimea cordoanelor de sudura nespecificate va fi/The thickness of not specified welding straps will be:
- sudura in relief (de colt): $a = 0.7 \times$ grosimea minima a pieselor ce se imbina/
welding in relief (corner) $a = 0.7 \times$ min. thickness of pieces combine
- sudura cap la cap: $a =$ grosimea minima a pieselor ce se imbina/
welding head to head: $a =$ min. thickness of pieces combine
- lipul de prelucrare al marginilor pieselor in vederea sudurii va respecta cerintele standardului SREN 29692./
the limp required to process the edges for welding will respect the standard SREN29692
- sudura se va executa pe toata lungimea de contact a pieselor ce vor fi sudate/
the welding will be made on the entire length of the pieces that are welded
- Sudurile din prezentul plan au nivelul de acceptare B si categoria de executie B conform tabelului din Normativul privind calitatea sudurilor C150-99.
The welding from the plan need the requirem acceptance B and category of execution B according the table from Normativ according the quality of welding C150-99
- Marginile libere ale elementelor metalice si rasturile imbinarilor sudate au laierea de clasa 1.1.1 conform SR EN ISO 9013-2003.
The free edges of metal elements and joints combine welded have the cul of class 1.1.1 according SR EN ISO 9013-2003
- Elementele sudate vor respecta conditiile tehnice de calitate din Normativul C56/85 - coiet XIX si vor fi incadrate in categoria de executie A conform STAS 837/0-88.
The welded elements will respect the tehnical conditions of quality from Normativ C56/85 - notebook XIX and will framed in category of execution A according STAS 837/0-88
- Protectia anticoroziva se va realiza in conformitate cu specificatiile din Caietul de sarcini.
Anticorrosion protection it will made according the specs from Task notebook.
- Materialele utilizate vor avea certificate de inspectie 3.1 in conformitate cu SREN 10204
Materials used it will have certifications of inspection 3.1. according with SREN 10204
- Dimensiunile prelucrate se vor incadra in clasele de toleranta mK, conform SR EN 22838-1:95 si SR EN 22838-2:95.
The dimensions processed it will fit in tolerance mK, according SR EN 22838-1:95 and SR EN 22838-2:95

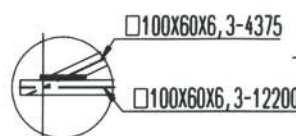
SPECIFICATIE PENTRU OTEL: /STEEL SPECIFICATIONS

- OTEL LAMINAT/LAMINATED STEEL: S275J2+N conform SREN 10025-2005-04
- ELECTROZI/WIRES ISO 2560-B E4916-N A conform SREN ISO 2560-2006

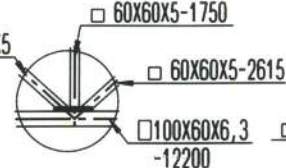
DETALIU/DETAILS B-B



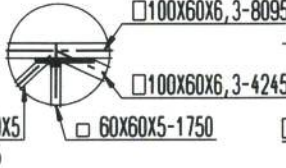
DETALIU/DETAILS A-A



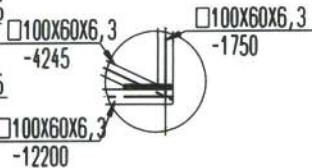
DETALIU/DETAILS C-C



DETALIU/DETAILS D-D



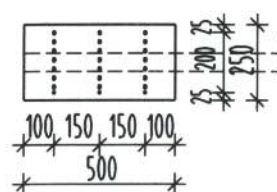
DETALIU/DETAILS E-E



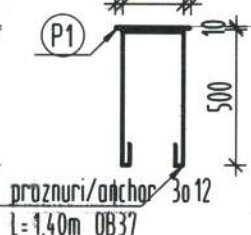
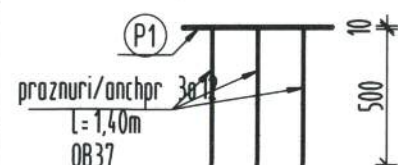
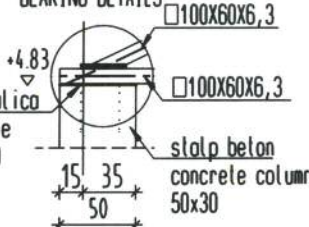
(P1) - 12 buc/pc

placa metalica-tabla
inglobata in stalpii
de beton - 500x250x10

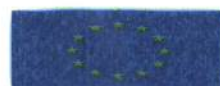
metal plate blackboard
embedded in concrete
columns - 500x250x10



DETALIU REAZEM
BEARING DETAILS



Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
Brosteni Commune, Mehedinti County



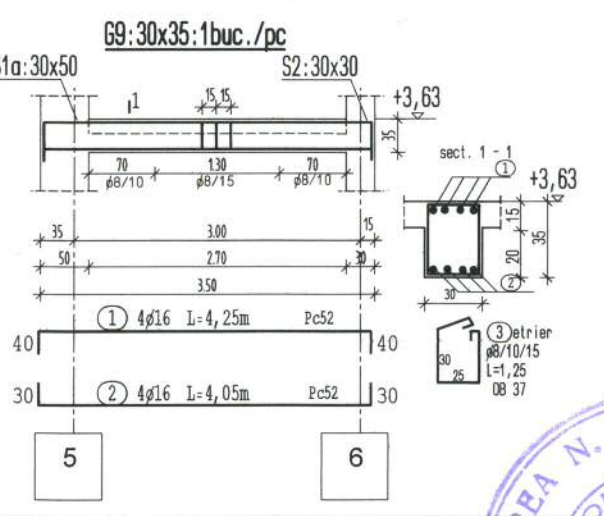
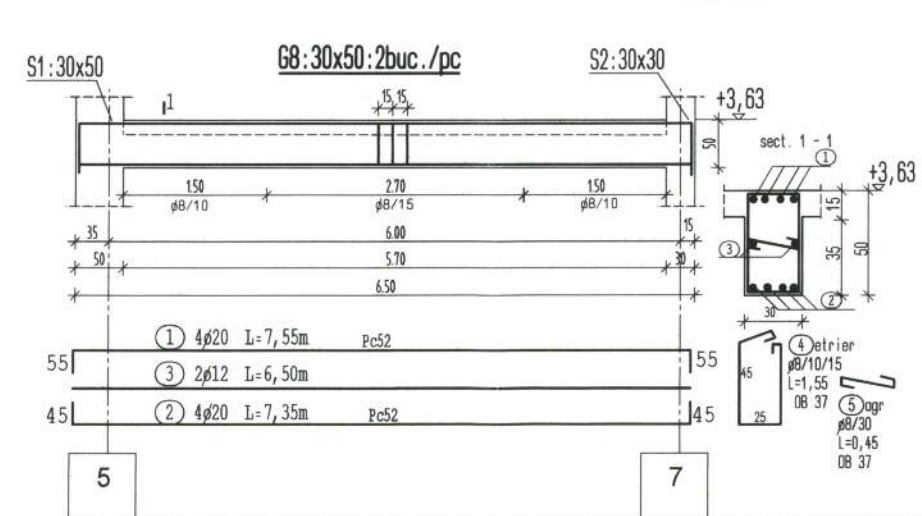
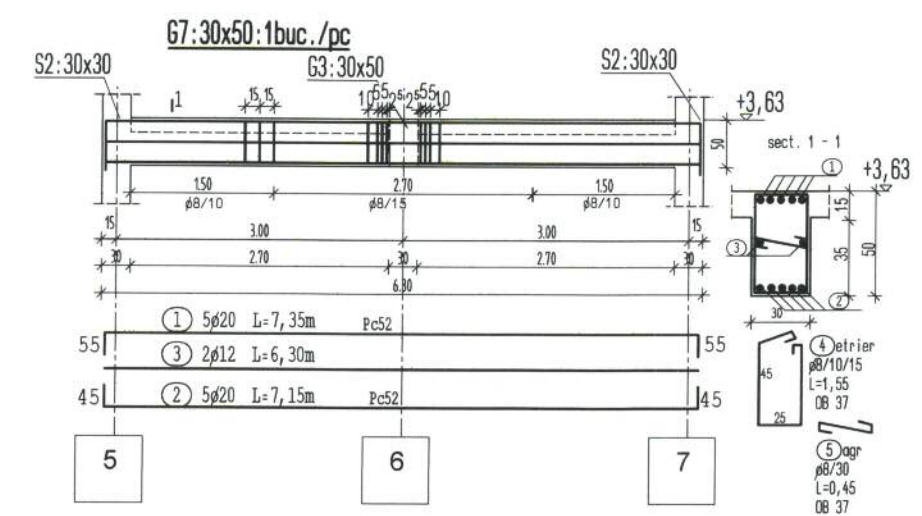
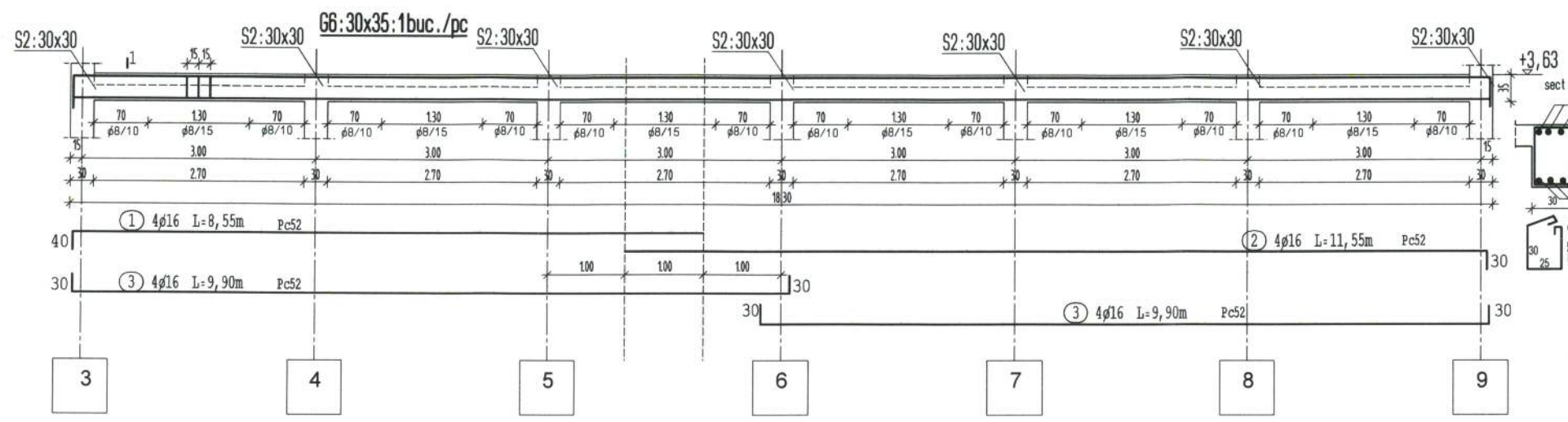
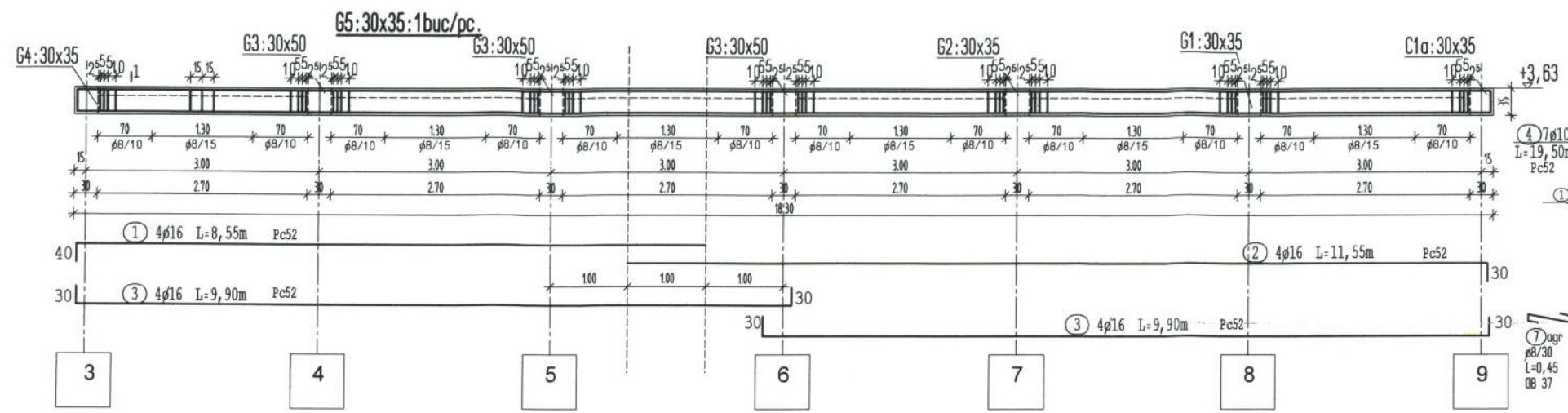
Trasatura
the European Union
Proiect finantat de UNIUNEA EUROPEANA



Apogea
Municipality of Brosteni, MH
Proiect implementat de catre U.A.T. Brosteni, MH

Project Name:	Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County	Drawing:	Exhibition Center - Joinery List	Date:	Dec 2017
Beneficiary:	Brosteni Commune, Mehedinti County, Romania				
Reference:	RORS26-Municipality of Brosteni-1002				

VERIFICATOR / EXPERT		NUME	SEMNATURA	REFERAT / EXPERTIZA NR./DATA	CERINTA
S.C. SELECT PROJECT S.R.L. Sediu: Strada Topolnilei nr. 13, bloc 1, sc. 5, ap. 6 - Dr.Tr. Severin, MH, Romania. Tel. 0720301458;					DATA Dec. 2017
	PR. NR.	BENEFICIAR:		DENUMIRE PROIECT:	FAZA
	14/2017	UAT Brosteni - Mehedinti		Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	P.Th.
	SEF PROIECT	Arh. Dan BORUGA		DENUMIRE PLANSA	SCARA
	INTOCMIT	Ing. Diana MARIN		Centru expozitional	1/50
	DESENAT	Ing. Diana MARIN		FERMA / FRAMEWORK F1	PL. NR.
VERIFICAT	Ing. Marinela RADULESCU				R12



MATERIALE / MATERIALS:
 - beton armat / reinforcement concrete: C16/20 - S2 - Cl 0,40
 - CEM II A - 32,5R / D-16mm
 - clasa de expunere / exposure class: XC2
 - oțel beton / concrete steel: OB37, Pc52.

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
 in satul Lupsa de Jos, comuna Brasteni, judetul Mehedinti
 Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
 Brasteni Commune, Mehedinti County



This project is funded by
 the European Union
 Proiect finantat de UNIUNEA EUROPEANA



A project implemented by
 Municipality of Brasteni, MH
 Proiect implementat de catre U.A.T. Brasteni, MH

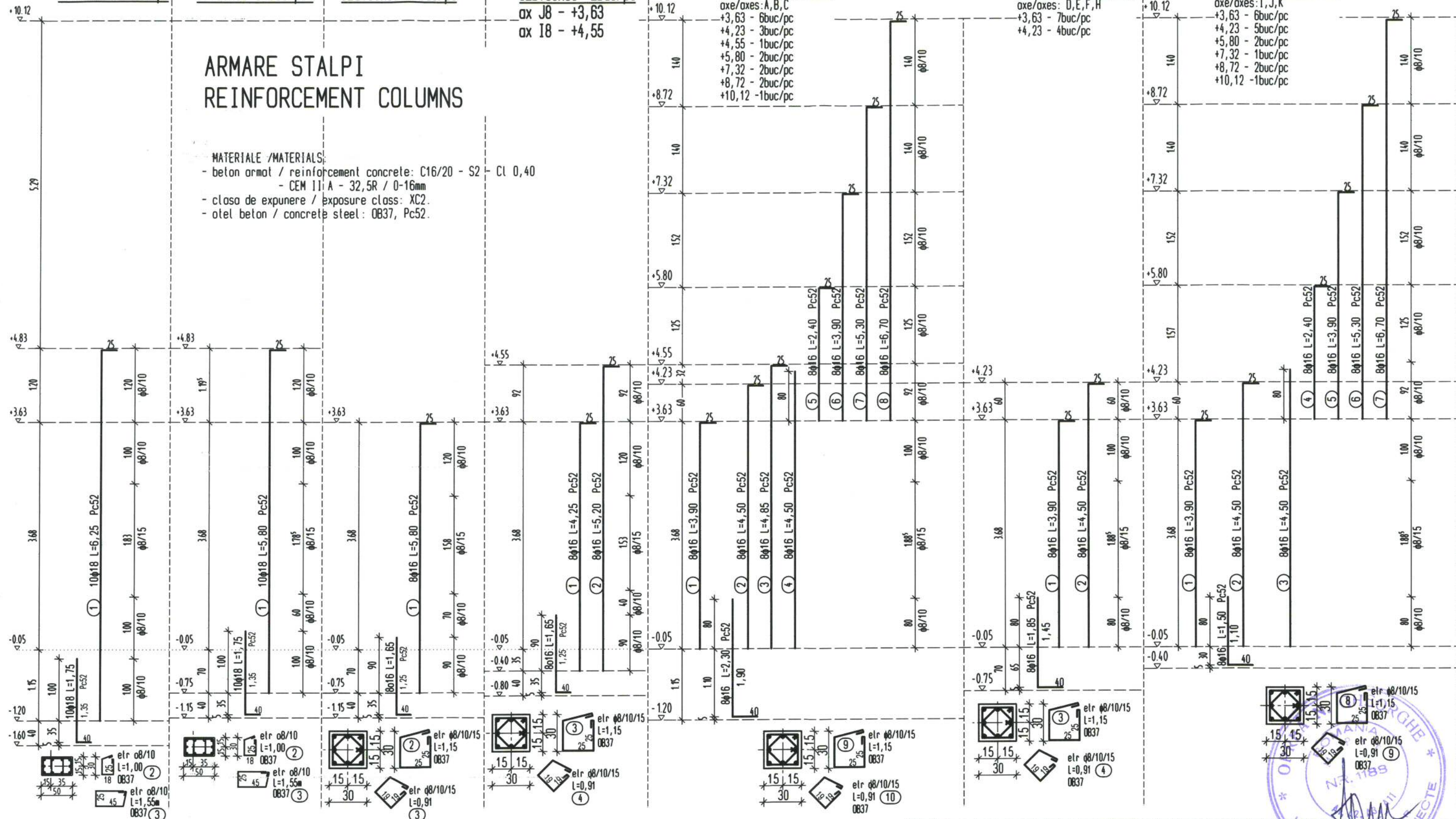
Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brasteni Commune, Mehedinti County			
Beneficiary: Brasteni Commune, Mehedinti County, Romania			
Reference: RORS26-Municipality of Brasteni-TD02			
Drawing: Exhibition Center - Joinery List		Date: Dec. 2017	
VERIFICATOR / EXPERT	NUME	SEMNTURA	REFERAT / EXPERTIZA NR. / DATA
S.C. SELECT PROIECT S.R.L. J25/54/02.02.06, C.U.I. 18343052 din 02.02.06			
Sediul: Strada Toplnitei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;			
PR. NR.	BENEFICIAR:	DENUMIRE PROIECT:	
14/2017	U.A.T. Brasteni - Mehedinti	Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brasteni	
SEF PROIECT	Arh. Dan BORUGA	DENUMIRE PLANSĂ	
INTOCMIT	Ing. Diana MARIN	Centru expozitional / Exhibition Center -	
DESENAT	Ing. Diana MARIN	ARMARE GRINZI REINFORCEMENT BEAMS	
VERIFICAT	Ing. Marinela RADULESCU		
			FAZA
			P.Th.
			SCARA
			1/100
			PL. NR.
			R14

S2:30x30-17buc/pc -TR.111

+3,63 - 6buc/pc
+4,23 - 5buc/pc
+5,80 - 2buc/pc
+7,32 - 1buc/pc
+8,72 - 2buc/pc
+10,12 - 1buc/pc

MATERIALE / MATERIALS

- beton armat / reinforcement concrete: C16/20 - S2 - Cl 0,40
- CEM II/A - 32,5R / Ø16mm
- clasa de expunere / exposure class: XC2
- oțel beton / concrete steel: OB37, Pc52



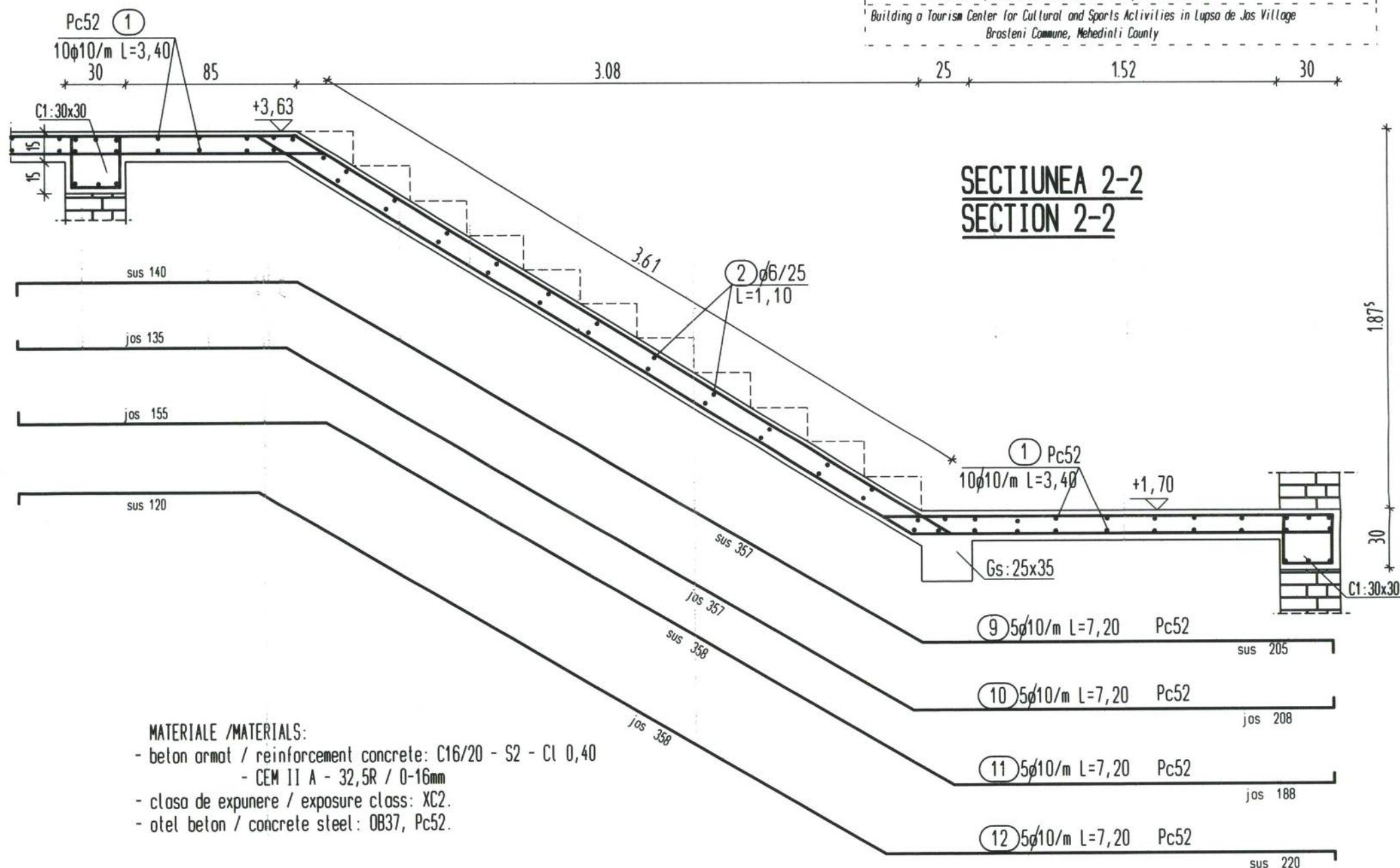
1 Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brasleni, judetul Mehedinți
2 Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
Brasleni Commune, Mehedinți County



Project Name:	Building a Tourism Center for Cultural and Sports Activities in Lupșa de Jos Village, Brosteni Commune, Mehedinți County		
Beneficiary:	Brosteni Commune, Mehedinți County, Romania		
Reference:	RDRS26-Municipality of Brosteni-1002	Drawing:	Exhibition Center - Journey List
			Date: Dec. 2017

VERIFICATOR / EXPERT		NUME	SEMNATURA	REFERAT / EXPERTIZA NR. / DATA	CERINTA
S.C. SELECT PROJECT S.R.L.		17.06.2016 CU 13432			DATA
Sediu: Strada Iapnilei nr.13, bloc 1, sc. 5, ap.6 - Dr. Ir. Severin, MH, Romania. Tel. 0720301456;					Dec. 2017
PR. NR.	BENEFICIAR:	DENUMIRE PROIECT:			FAZA
14/2017	UAT Brosteni - Mehedinti	Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE SI SPORTIVE in satul Lupsa de Jos, comuna Brosteni			P.Th.
SEF PROIECT	Arh. Dan BORUGA	DENUMIRE PLANSA			SCARA
INTOCMIT	Ing. Diana MARIN	Centru expozitional / Exhibition Center - ARMARE STALPI / REINFORCEMENT COLUMNS			1/50
DESENAT	Ing. Diana MARIN				PL. NR
VERIFICAT	Ing. Marinela RADULESCU				R1

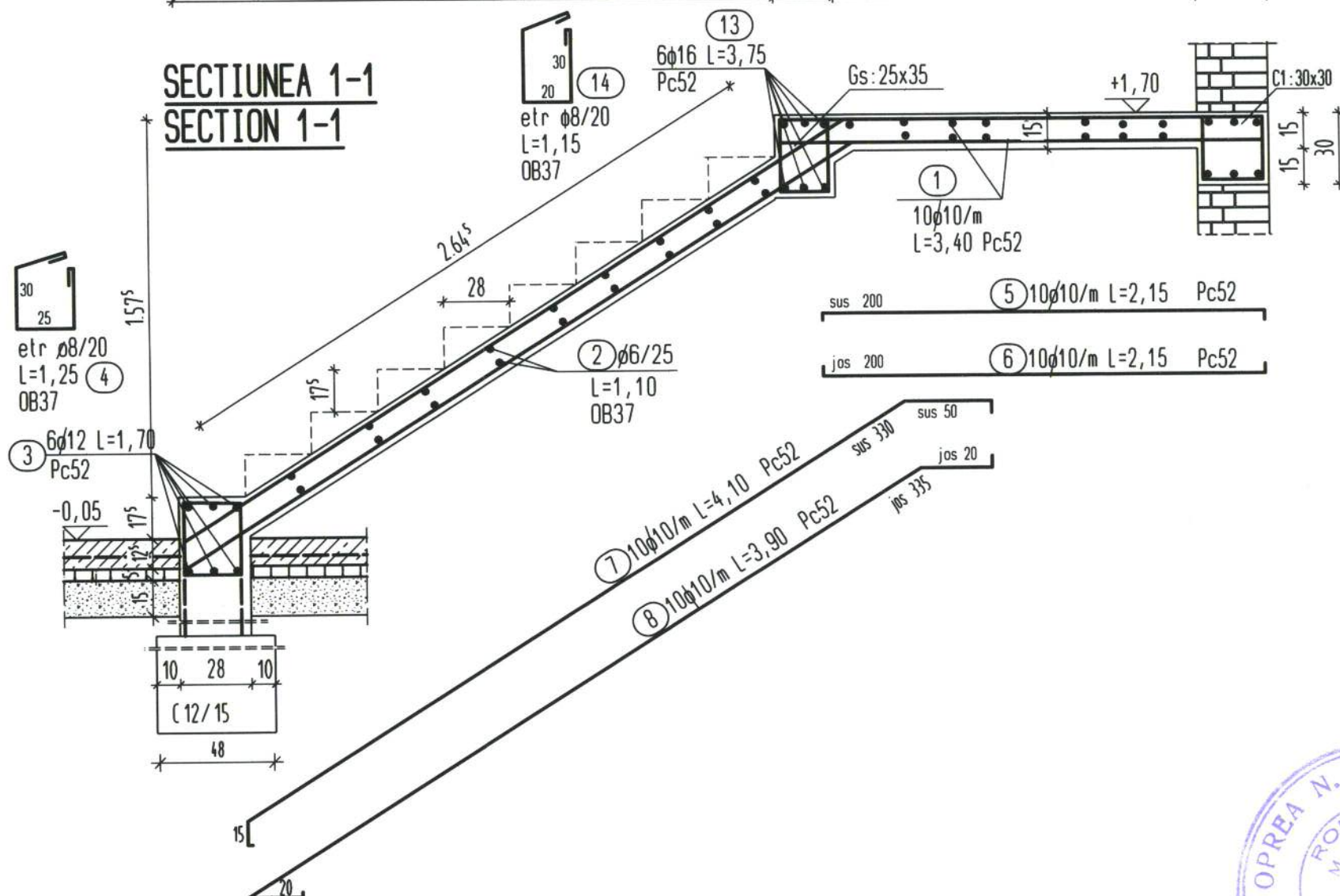
SECTIUNEA 2-2
SECTION 2-2



MATERIALE /MATERIALS:

- beton armat / reinforcement concrete: C16/20 - S2 - Cl 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- oțel beton / concrete steel: OB37, Pc52.

SECTIUNEA 1-1
SECTION 1-1



This project is funded by
the European Union
Proiect finanțat de UNIUNEA EUROPEANĂ



A project implemented by
Municipality of Brosteni, MH
Proiect implementat de catre U.A.T. Brosteni, MH

Project Name:	Building a Tourism Center for Cultural and Sports Activities in Lupso de Jos Village, Brosteni Commune, Mehedinți County		
Beneficiary:	Brosteni Commune, Mehedinți County, Romania	Drawing:	Date:
Reference:	RORS26-Municipality of Brosteni-T002		Exhibition Center - Overview List

VERIFICATOR / EXPERT		NUME		SEMNAȚURA		REFERAT / EXPERTIZA NR./DATA		CERINTA	
S.C. SELECT PROIECT S.R.L.				J25/64/02.02.06, C.U.I. 18343052					
Sediu: Strada Toplnitei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				Dec. 2017					
	PR. NR.	BENEFICIAR:		DENUMIRE PROIECT: Construire CENTRU TURISTIC				FAZA	
	14/2017	UAT Brosteni - Mehedinti		pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupso de Jos, comuna Brosteni				P. Th.	
	SEF PROIECT	Arh. Dan BORUGA		DENUMIRE PLANSA				SCARA	
	INTOCMIT	Ing. Diana MARIN		Centru expozitional / Exhibition Center -				1/20	
	DESENAT	Ing. Diana MARIN		ARMARE SCARA / REINFORCEMENT STAIRCASE				PL. NR.	
VERIFICAT	Ing. Marinela RADULESCU						R16		

[illegible]

- natura terenului de fundare: argila prolaasa / nature of the foundation soil: powdery clay
- p conv.=280 KPa (pl. B=1,00m DF=2,00m).
- adancimea min. de fundare: 0,80m de la CTN; / min.depth of foundation: 0,80m of CTN
- grad de intensitate seismica: 7 / degree of seismic intensity: 7
- zona seismica de calcul: E; / calculation of seismic area: E
- zona de hazard seismic: ag=0,16g, / seismic hazard area: ag=0,16g
- perioada de control (coll): Tc=0,70s; / control period: Tc=0,70s
- adancimea de inghet: 0,70m; / frost depth: 0,70m

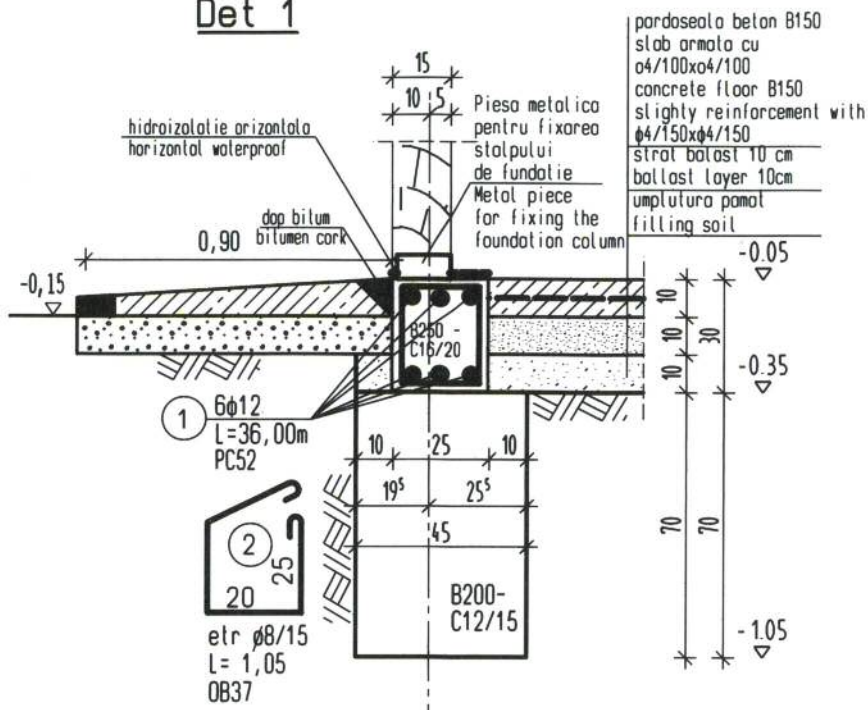


Project implemented by
Municipality of Botosani, NH
Project implemented de catre U.A.T. Botosani, NH

Project Name: Building a Tourism Centre for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania				
Reference: RDRS26-Municipality of Brosteni-TD02				
VERIFICATOR / EXPERT		NUME	SEMNAURA	REFERAT / EXPERTIZA NR./DATA
S.C. SELECT PROJECT S.R.L.				
Sediul: Strada Topilei nr.43, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301450;				
PR. NR.		BENEFICIAR:	DENUMIRE PROIECT:	DATA
14/2017	UAT Brosteni - Mehedinti		Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	Dec. 2017
SEF PROIECT	Arh. Dan BORUGA			FAZA
INTOCMIT	Ing. Diana MARIN			P.Th.
DESENAT	Ing. Diana MARIN			SCARA
VERIFICAT	Ing. Marinela RADULESCU			1/50
			DENUMIRE PLANSĂ	PL. NR.
			Magazie pentru lemne de foc / Shed wood	
			PLAN DE FUNDATII/ FOUNDATION PLAN	R17

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village,
Brosteni Commune, Mehedinti County

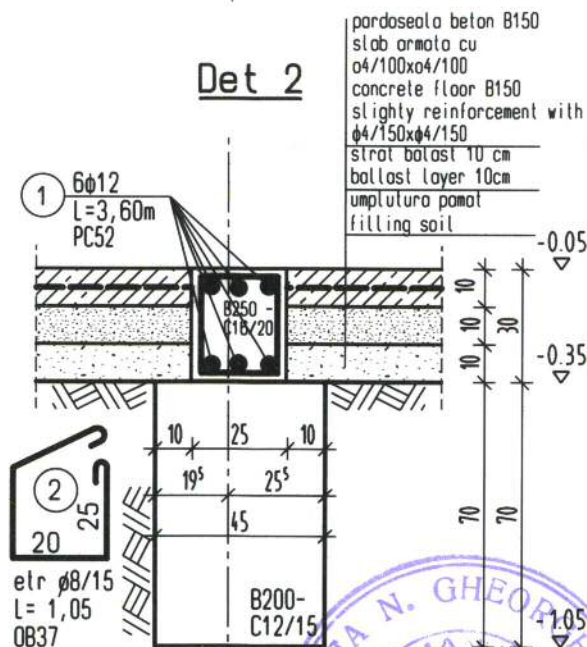
Det 1



MATERIALE / MATERIALS:

- beton simplu / concrete simple: C12/15 - S2 - Cl 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC0.
- beton armat / reinforce concrete: C16/20 - S2 - Cl 0,40
- CEM II A - 32,5R / 0-16mm
- clasa de expunere / exposure class: XC2.
- otel beton / concrete steel: OB37, Pc52.

Det 2



This project is funded by
the European Union
Proiect finantat de UNIUNEA EUROPEANA

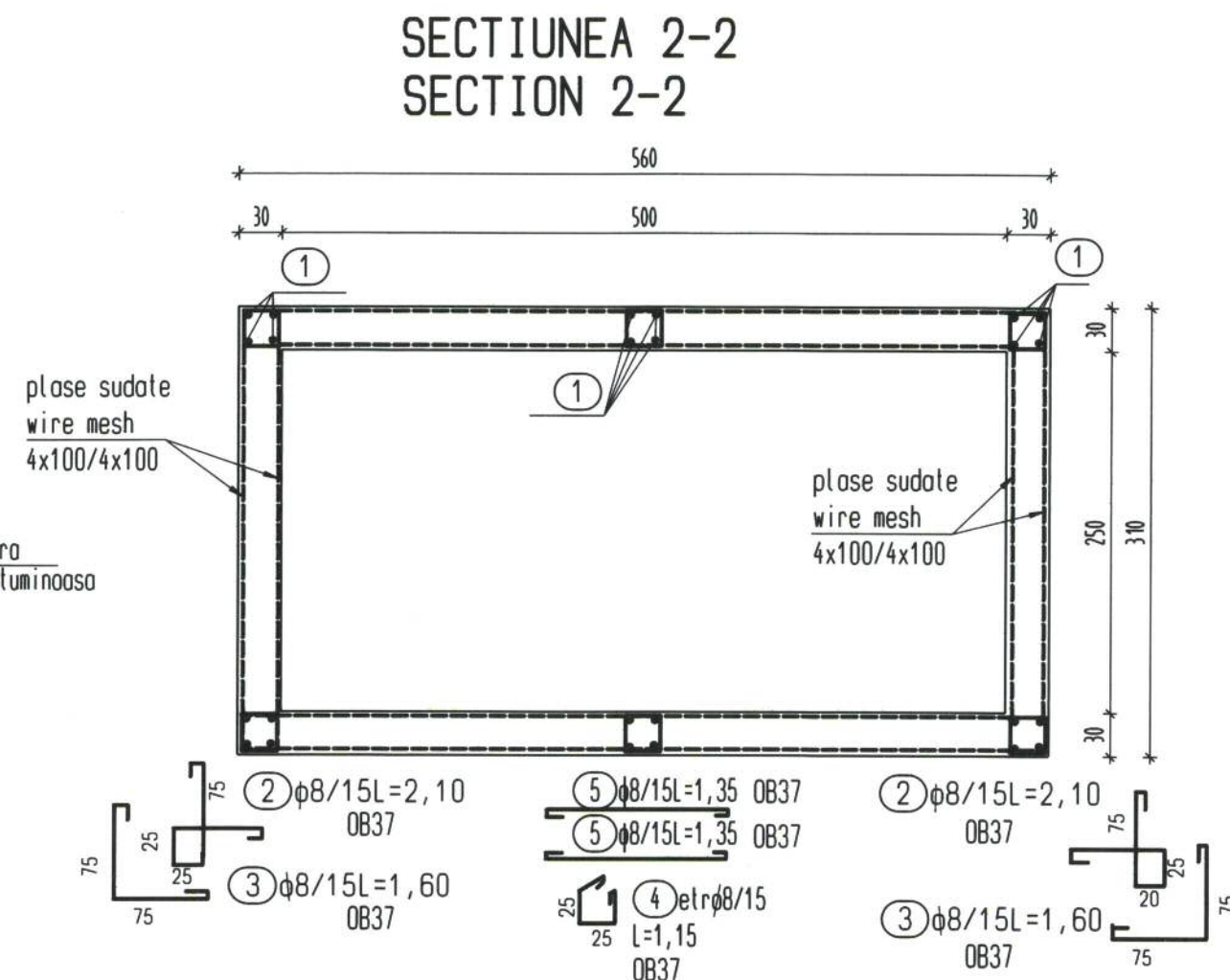
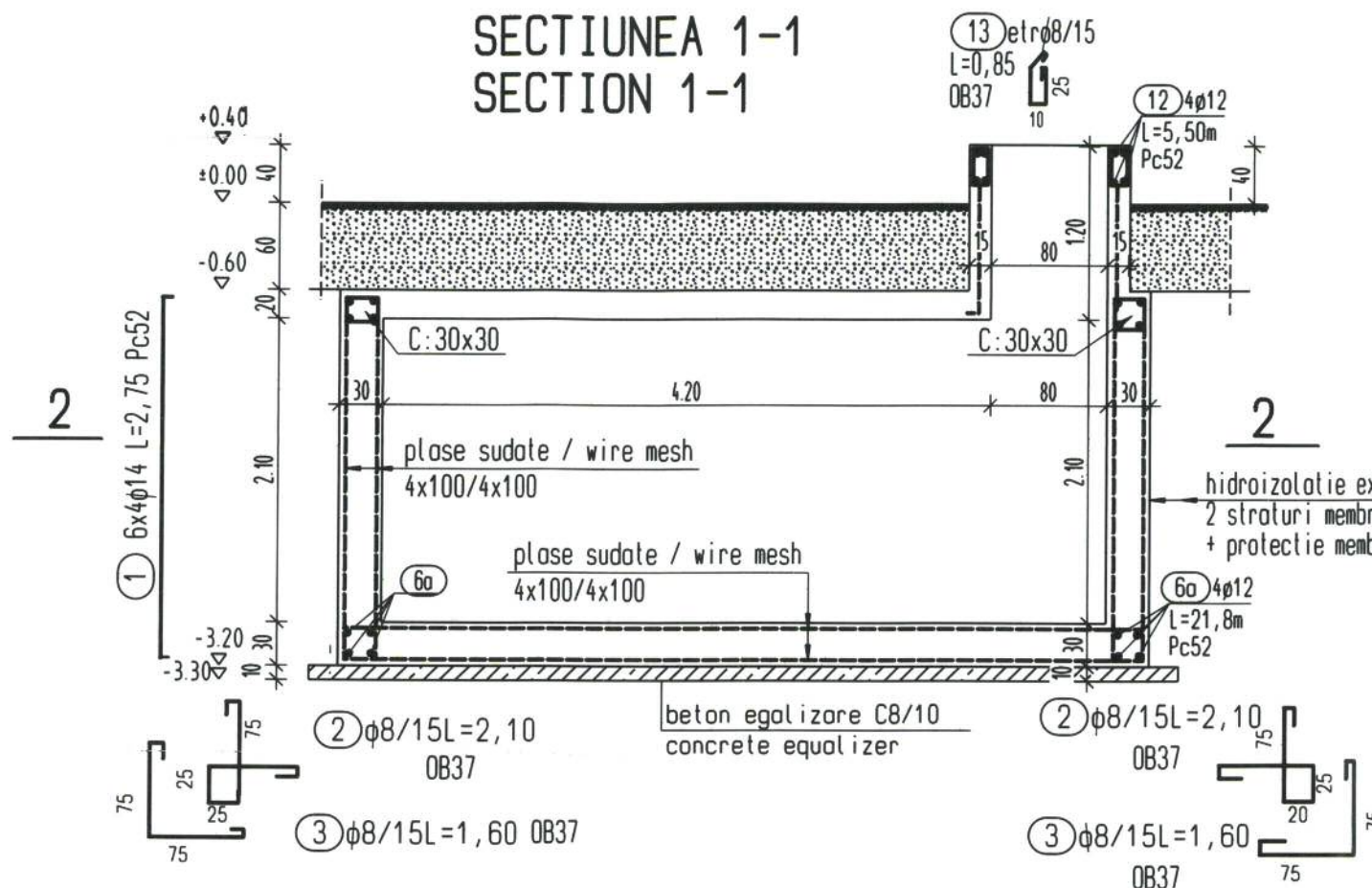


A project implemented by
Municipality of Brosteni, MH

Proiect implementat de catre U.A.T. Brosteni, MH

Project Name:	Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County	Drawing:	Exhibition Center Joinery List	Date:	Dec. 2017
Beneficiary:	Brosteni Commune, Mehedinti County, Romania				
Reference:	RORS26-Municipality of Brosteni-TD02				

VERIFICATOR / EXPERT	NUME	SEMNATURA	REFERAT / EXPERTIZA NR. DATA	CERINTA
S.C. SELECT PROIECT S.R.L.			J25/64/02.02.06, C.U.I. 18343052	DATA
Sediul: Strada Toplutei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				Dec. 2017
	PR. NR.	BENEFICIAR:	DENUMIRE PROIECT:	FAZA
	14/2017	UAT Brosteni - Mehedinti	Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni	P.Th.
	SEF PROIECT	Arh. Don BORUGA	DENUMIRE PLANSA	SCARA
	INTOCMIT	Ing. Diana MARIN	Magazie pentru lemne de foc / Shed wood	1/20
	DESENAT	Ing. Diana MARIN	DETALII FUNDATII / FOUNDATION DETAILS	PL. NR.
VERIFICAT	Ing. Marinela RADULESCU			R18



MATERIALE/MATERIALS

- beton simplu / concrete simple: C8/10 -S2-CEM IIA -32,5R/0,16mm
- clasa de expunere / exposure class: XC0
- beton armat / reinforced concrete: C20/25 S3 -CEM IIA -32,5R/0,16mm
- grad de impermeabilizare / degree of impermeability P8/10
- clasa de expunere / exposure class: XC2+XA1
- otel beton / concrete steel : OB 37, PC 52

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village -
Brosteni Commune, Mehedinti County



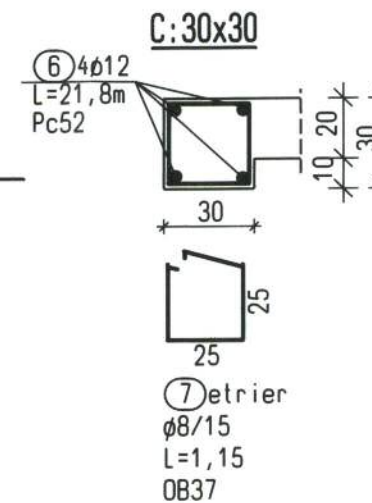
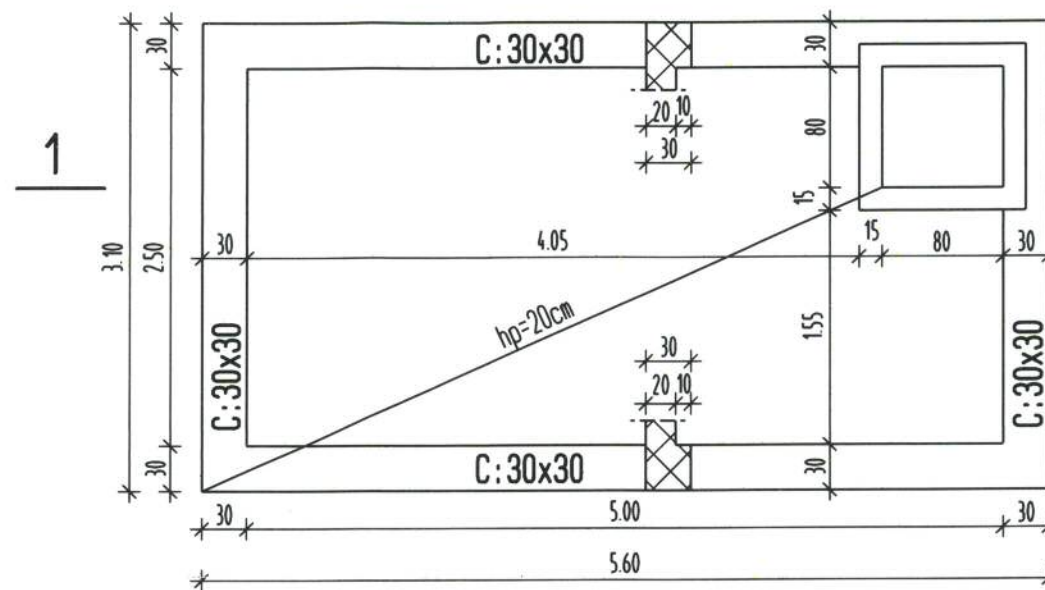
Proiect finantat de UNIUNEA EUROPEANA



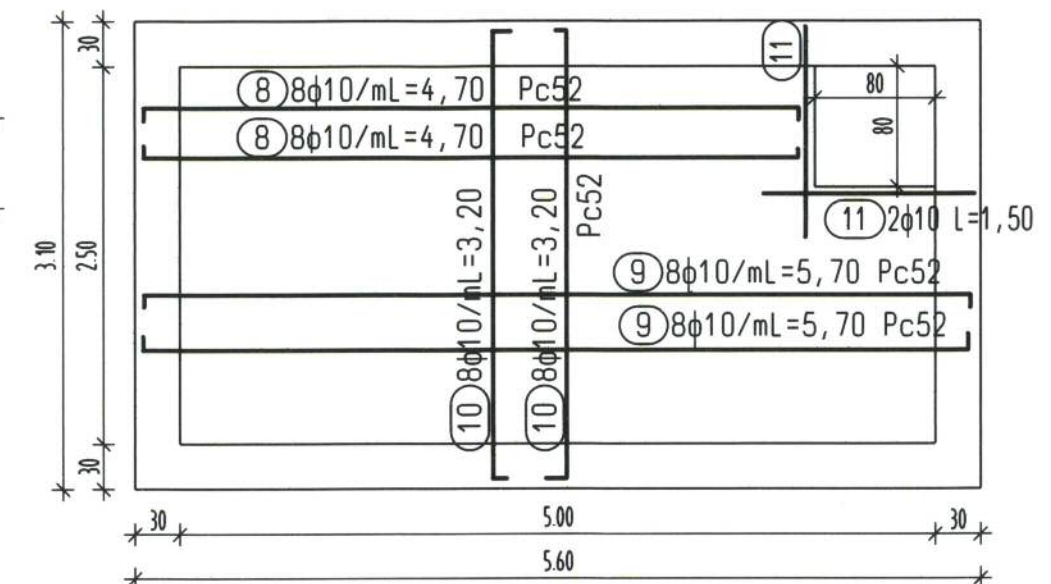
Proiect implementat de catre U.A.T. Brosteni, MH

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Beneficiary: Brosteni Commune, Mehedinti County, Romania		Drawing: Exhibition Center - Joinery List		Date: Dec. 2017
Reference: RORS26-Municipality of Brosteni-TD02						
VERIFICATOR / EXPERT	NUME	SEMNTURA	REFERAT / EXPERTIZA NR./DATA	CERINTA		
S.C. SELECT PROIECT S.R.L.		13/2017		DATA		
Sediul: Strada Topnilei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				Dec. 2017		
PR. NR.	BENEFICIAR:	DENUMIRE PROIECT: Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni		FAZA		
14/2017	UAT Brosteni - Mehedinti			P.Th.		
SEF PROIECT	Arh. Dan BORUGA			SCARA		
INTOCMIT	Ing. Diana MARIN			1/50		
DESENAT	Ing. Diana MARIN			PL. NR.		
VERIFICAT	Ing. Marinela RADULESCU			R19		

PLAN COFRAJ PLANSEU FLOOR PLANING PLAN



ARMARE PLANSEU SLAB REINFORCEMENT



MATERIALE/MATERIALS

- beton simplu / concrete simple: C8/10 -S2-CEM IIA -32,5R/0,16mm
- clasa de expunere / exposure class: XC0
- beton armat / reinforced concrete: C20/25 S3 -CEMIIA -32,5R/0,16mm
- grad de impermeabilizare / degree of impermeability P8/10
- clasa de expunere / exposure class: XC2+XA1
- otel beton / concrete steel : OB 37; PC 52

Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE
in satul Lupsa de Jos, comuna Brosteni, judetul Mehedinti
Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village
Brosteni Commune, Mehedinti County



Trasatura
financiar
Proiect finantat de UNIUNEA EUROPEANA



Apogeu
Municipality of Brosteni, MH
Proiect implementat de catre U.A.T. Brosteni, MH

Project Name: Building a Tourism Center for Cultural and Sports Activities in Lupsa de Jos Village, Brosteni Commune, Mehedinti County		Drawing: Exhibition Center Joinery List		Date: Dec. 2017
Beneficiary: Brosteni Commune, Mehedinti County, Romania				
Reference: RORS26-Municipality of Brosteni-1002				
VERIFICATOR / EXPERT		NUME	SEMNATURA	REFERAT / EXPERTIZA NR. / DATA
S.C. SELECT PROJECT S.R.L.		27.12.2016 CU 13432		
Sediul: Strada Topolnilei nr.13, bloc 1, sc. 5, ap.6 -Dr.Tr. Severin, MH, Romania. Tel. 0720301458;				
PR. NR.	BENEFICIAR:	DENUMIRE PROIECT:		FAZA
14/2017	UAT Brosteni - Mehedinti	Construire CENTRU TURISTIC pentru ACTIVITATI CULTURALE si SPORTIVE in satul Lupsa de Jos, comuna Brosteni		P.Th.
SEF PROIECT	Arh. Dan BORUGA	DENUMIRE PLANSĂ		SCARA
INTOCMIT	Ing. Diana MARIN	Bazin de retenție/ Retention basin		1/50
DESENAT	Ing. Diana MARIN	PLAN SI ARMARE PLACA/PLAIN AND SLAB REINFORCEMENT		PL. NR.
VERIFICAT	Ing. Marinela RADULESCU			R20

EXTRAS DE ARMATURA FUNDATII CENTRU EXPOZITIONAL

Elem	M	O	Buc.	Lung. barei	OB 37			Pc 52				
					O 8	O10	O14	O10	O12	O14	O16	O18
F1a:1,10x1,00 -4buc.	1	16	32	1.15							36.80	
	2	14	16	2.70			43.20					
	3	16	28	1.25							35.00	
	4	14	16	2.80			44.80					
	5	18	40	1.75								70.00
	6	8	20	1.55	31.00							
	7	8	20	1.00	20.00							
F1:1,10x1,00 -8buc.	1	16	64	1.15							73.60	
	2	14	32	2.70			86.40					
	3	16	56	1.25							70.00	
	4	14	32	2.80			89.60					
	5	18	80	1.75								140.00
	6	8	40	1.55	62.00							
	7	8	40	1.00	40.00							
F2a:0.85x0.85 - 2buc.	1	16	24	1.00							24.00	
	2	14	16	2.35			37.60					
	3	16	16	1.65							26.40	
	4	8	10	1.15	11.50							
	5	8	10	0.91	9.10							
F2:0.85x0.85 - 2buc.	1	16	24	1.00							24.00	
	2	14	16	2.35			37.60					
	3	16	16	1.65							26.40	
	4	8	10	1.15	11.50							
	5	8	10	0.91	9.10							
GF: 40x40	1	14	8	44.00						352.00		
	2	8	228	1.35	307.80							
DET.1	1	12	12	47.00					564.00			
	2	8	500	1.30	650.00							
	3	10	250	0.90		225.00						
	4	16	88	2.30							202.40	
	5	8	132	1.20	158.40							
	6	8	132	0.91	120.12							
DET.2	1	12	12	43.00					516.00			
	2	8	460	1.30	598.00							
	3	10	230	0.90		207.00						
	4	16	48	2.30							110.40	
	5	8	72	1.20	86.40							
	6	8	72	0.91	65.52							
DET.3	1	12	6	31.00					186.00			
	2	8	164	1.30	213.20							
	3	10	164	0.90		147.60						
	4	16	32	1.85							59.20	
	5	8	28	1.20	33.60							
	6	8	28	0.91	25.48							
DET.4	1	12	6	62.00					372.00			
	2	8	332	1.30	431.60							
	3	10	332	0.90		298.80						
	4	16	56	1.85							103.60	
	5	8	49	1.20	58.80							
	6	8	49	0.91	44.59							

DET.5	1	12	6	28.00					168.00			
	2	8	148	1.30	192.40							
	3	10	148	0.90		133.20						
	4	16	64	1.50							96.00	
	5	8	32	1.20	38.40							
	6	8	32	0.91	29.12							
DET.6	1	12	6	50.00					300.00			
	2	8	268	1.30	348.40							
	3	10	268	0.90		241.20						
	4	16	72	1.50							108.00	
	5	8	36	1.20	43.20							
	6	8	36	0.91	32.76							
DET.7	1	12	6	20.00					120.00			
	2	8	106	0.85	90.10							
	3	8	106	1.15	121.90							
DET.9	1	12	4	7.00					28.00			
	2	8	35	1.05	36.75							
	3	8	21	1.90	39.90							
Lungimi pe diametru					3960.64	1252.80	339.20	0.00	2254.00	352.00	995.80	210.00
Greutate pe metru liniar					0.395	0.617	1.208	0.617	0.888	1.208	1.578	1.998
Greutate pe diametru					1564.45	772.98	409.75	0.00	2001.55	425.22	1571.37	419.58
TOTAL (KG)					2747			4418				

P1 - plase sudate Ø14/100xØ14/100 = 310mpx4,4kg/mp = 1376,4 kg

EXTRAS DE ARMATURA FUNDATII MAGAZIE LEMNE

Elem	M	O	Buc.	Lung. barei	OB 37			Pc 52				
					O 8	O10	O14	O10	O12	O14	O16	O18
DET.1	1	12	6	36.00					216.00			
	2	8	200	1.05	210.00							
DET.2	1	12	6	3.60					21.60			
	2	8	20	1.05	21.00							
Lungimi pe diametru					231.00	0.00	0.00	0.00	237.60	0.00	0.00	0.00
Greutate pe metru liniar					0.395	0.617	1.208	0.617	0.888	1.208	1.578	1.998
Greutate pe diametru					91.25	0.00	0.00	0.00	210.99	0.00	0.00	0.00
TOTAL (KG)					91			211				

- plase sudate Ø14/100xØ14/100 = 36mpx4,4kg/mp = 158,4 kg

EXTRAS DE ARMATURA PLANSEU PESTE PARTER

Elem	M	O	Buc.	Lung. barei	OB 37		Pc 52	
					O 6	O 8	O 10	O 16
PLANSEU PESTE PARTER	1	10	102	7.15			729.30	
	2	10	51	6.40			326.40	
	3	10	315	9.40			2961.00	
	4	10	486	3.40			1652.40	
	5	10	110	7.25			797.50	
	5a	10	46	9.40			432.40	
	6	10	88	7.95			699.60	
	7	10	47	8.65			406.55	
	8	10	44	2.80			123.20	
	9	10	44	9.40			413.60	
	10	10	44	1.95			85.80	
	11	10	92	3.40			312.80	
	12	10	44	10.25			451.00	
	13	10	176	6.40			1126.40	
14	6	global	600.00	600.00				
Lungimi pe diametru				600.00	0.00	10,517.95	0.00	
Greutate pe metru liniar				0.222	0.395	0.617	1.578	
Greutate pe diametru				133.20	0.00	6489.58	0.00	
TOTAL (KG)				133		6490		

EXTRAS DE ARMATURA STALPI

Elem	M	O	Buc.	Lung. barei	OB 37			Pc 52	
					O 8	O 10	O 14	O 16	O 18
S1a:50x3 0 -4buc.	1	18	40	6.25					250.00
	2	8	236	1.00	236.00				
	3	8	236	1.55	365.80				
S1:50x30 -8buc.	1	18	80	5.80					464.00
	2	8	440	1.00	440.00				
	3	8	440	1.55	682.00				
S2a:30x3 0 -2buc.	1	16	16	5.80				92.80	
	2	8	84	1.15	96.60				
	3	8	84	0.91	76.44				
S2b:30x30 -2buc.	1	16	8	4.25				128.00	
	2	16	8	5.20				128.00	
	3	8	86	1.15	98.90				
	4	8	86	0.91	78.26				
S2:30x30 -17buc. TR1	1	16	48	3.90				187.20	
	2	16	24	5.40				129.60	
	3	16	8	4.85				38.80	
	4	16	56	4.50				252.00	
	5	16	16	2.80				44.80	
	6	16	16	3.90				62.40	
	7	16	16	5.30				84.80	
	8	16	8	6.70				53.60	
	9	8	877	1.15	1008.55				
	10	8	877	0.91	798.07				
S2:30x30 -11buc. TR2	1	16	56	3.90				218.40	
	2	16	32	4.50				144.00	
	3	8	440	1.15	506.00				
	4	8	440	0.91	400.40				
S2:30x30 -11buc. TR2	1	16	48	3.90				187.20	
	2	16	40	4.50				180.00	
	3	16	48	4.50				216.00	
	4	16	16	2.40				38.40	
	5	16	8	3.90				31.20	
	6	16	16	5.30				84.80	
	7	16	8	6.70				53.60	
	8	8	844	1.15	970.60				
	9	8	844	0.91	768.04				
Lungimi pe diametru					6525.66	0.00	0.00	2355.60	714.00
Greutate pe metru liniar					0.395	0.617	1.208	1.578	1.998
Greutate pe diametru					2577.64	0.00	0.00	3717.14	1426.57
TOTAL (KG)					2578			5144	

EXTRAS DE ARMATURA GRINZI, CENTURI

Elem	M	O	Buc.	Lung. barei	OB 37		Pc 52					
					O 8	O 10	O 10	O 12	O 14	O 16	O 18	O 20
G1: 30x35 1buc	1	16	4	8.55						34.20		
	2	18	8	8.75							70.00	
	3	18	4	6.30							25.20	
	4	16	8	6.90						55.20		
	5	18	4	6.90							27.60	
	6	16	4	10.75						43.00		
	7	8	175	1.25	218.75							
	8	8	48	1.55	74.40							
	9	12	2	6.30				12.60				
	10	8	21	0.45	9.45							
G2: 30x35 1buc	1	18	4	4.80							19.20	
	2	18	4	4.70							18.80	
	3	8	33	1.25	41.25							
G3: 30x50 3buc	1	20	12	7.95								95.40
	2	18	12	7.20							86.40	
	3	18	12	1.90							22.80	
	4	12	6	6.30				37.80				
	5	8	175	1.55	271.25							
	6	8	15	1.25	18.75							
	7	8	63	0.45	28.35							
G4: 30x35 1buc	1	18	4	8.10							32.40	
	2	18	4	8.00							32.00	
	3	8	56	1.25	70.00							
	4	10	7	7.95			55.65					
	5	8	48	3.75	180.00							
	6	8	24	0.45	10.80							
G5: 30x35 1buc	1	16	4	8.55						34.20		
	2	16	4	11.55						46.20		
	3	16	8	9.90						79.20		
	4	10	7	19.50			136.50					
	5	8	122	3.75	457.50							
	6	8	186	1.25	232.50							
	7	8	62	0.45	27.90							
G6: 30x35 1buc	1	16	4	8.55						34.20		
	2	16	4	11.55						46.20		
	3	16	8	9.90						79.20		
	4	8	210	1.25	262.50							
G7: 30x50 1buc	1	20	5	7.35								36.75
	2	20	5	7.15								35.75
	3	12	2	6.30				12.60				
	4	8	58	1.55	89.90							
	5	8	21	0.45	9.45							
G8: 30x50 2buc	1	20	8	7.55								60.40
	2	20	8	7.35								58.80
	3	12	2	6.50				13.00				
	4	8	100	1.55	155.00							
	5	8	42	0.45	18.90							
G9: 30x35 1buc	1	16	4	4.25						17.00		
	2	16	4	4.05						16.20		
	3	8	25	1.25	31.25							

C1a 30x35	1	12	6	38.00				72.00				
	2	10	7	40.00			280.00					
	3	8	210	1.25	262.50							
	4	8	210	3.15	661.50							
	5	8	105	0.45	47.25							
C1: 30x30	1	12	6	199.00				72.00				
	2	8	1134	1.15	1.05							
C2: 30x35	1	12	6	41.30				72.00				
	2	8	230	1.25	287.50							
CS: 30x30	1	12	6	52.00				72.00				
	2	8	313	1.15	1.05							
Lungimi pe diametru					3468.75	0.00	472.15	364.00	0.00	484.80	334.40	287.10
Greutate pe metru liniar					0.395	0.617	0.617	0.888	1.208	1.578	1.998	2.466
Greutate pe diametru					1370.16	0.00	291.32	323.23	0.00	765.01	668.13	707.99
TOTAL (KG)					1370		2756					

EXTRAS DE ARMATURA SCARA

Elem	M	O	Buc.	Lung. barei	OB 37		Pc 52		
					O 6	O 8	O 10	O 12	O 16
SCARA	1	10	48	3.40			163.20		
	2	6	64	1.10	70.40				
	3	12	6	1.70				10.20	
	4	8	8	1.25		10.00			
	5	10	28	2.15			60.20		
	6	10	28	2.15			60.20		
	7	10	12	4.10			49.20		
	8	10	12	3.90			46.80		
	9	10	6	7.20			43.20		
	10	10	6	7.20			43.20		
	11	10	6	7.20			43.20		
	12	10	6	7.20			43.20		
	13	16	6	3.75					22.50
	14	8	22	1.15		25.30			
Lungimi pe diametru					70.40	35.30	552.40	10.20	22.50
Greutate pe metru liniar					0.222	0.395	0.617	0.888	1.578
Greutate pe diametru					15.63	13.94	340.83	9.06	35.51
TOTAL (KG)					30		385		

EXTRAS DE ARMATURA BAZIN RETENTIE

M	O	Buc.	Lung. barei	OB 37		Pc 52		
				O 8	O 10	O 10	O 12	O 14
1	14	24	2.75					66.00
2	8	165	2.10	346.50				
3	8	165	1.60	264.00				
4	8	32	1.15	36.80				
5	8	64	1.35	86.40				
6	12	6	17.00				102.00	
7	8	115	1.15	132.25				
8	10	14	4.70			65.80		
9	10	28	5.70			159.60		
10	10	80	3.20			256.00		
11	10	4	1.50			6.00		
i pe diametru				865.95	0.00	487.40	102.00	66.00
e pe metru liniar				0.395	0.617	0.617	0.888	1.208
e pe diametru				342.05	0.00	300.73	90.58	79.73
L (KG)				342		471		