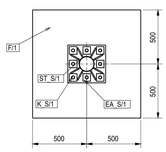
PLAN AMPLASARE STALP 5M
1:20



PLAN AMPLASARE STALP 3M
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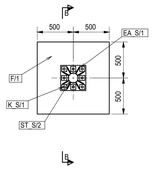
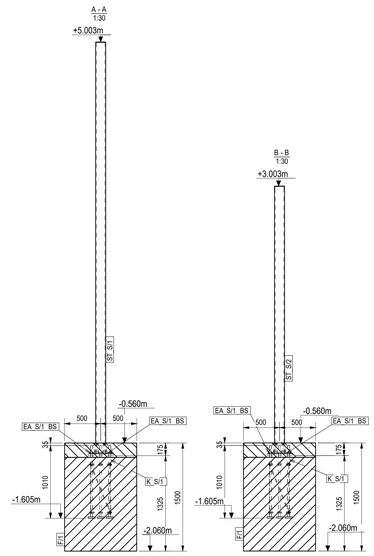
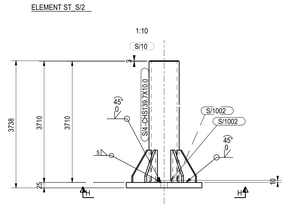


A - A
1:30

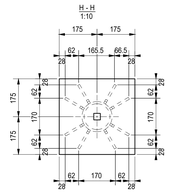


B - B
1:30

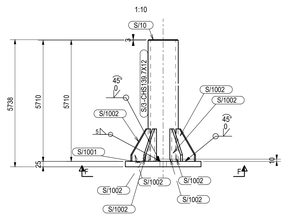
ELEMENT ST_S/2
1:10



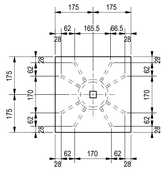
H - H
1:10



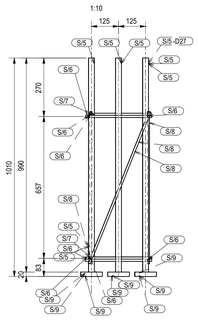
ELEMENT ST_S/1
1:10



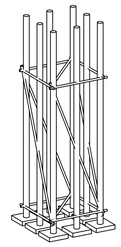
F - F
1:10



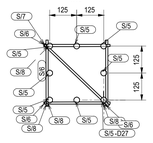
ELEMENT K_S/1
1:10



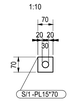
Axonometrie



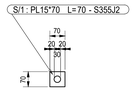
D - D
1:10



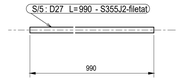
ELEMENT EA_S/1
1:10



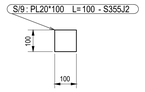
DEBITARE S/1
1:10



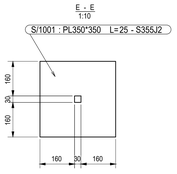
DEBITARE S/5
1:10



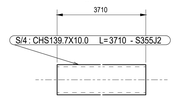
DEBITARE S/9
1:10



DEBITARE S/1001
1:10

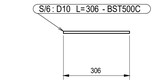


DEBITARE S/4
1:10



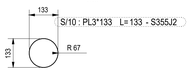
DEBITARE S/7
1:10

DEBITARE S/6
1:10

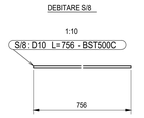


DEBITARE S/3
1:10

DEBITARE S/10
1:10



DEBITARE S/8
1:10



DEBITARE S/1002
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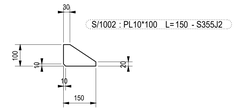
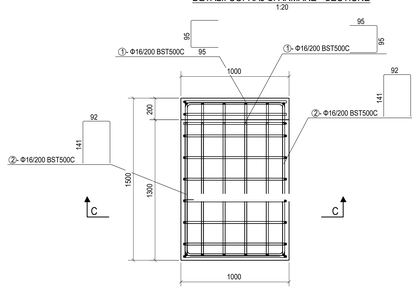
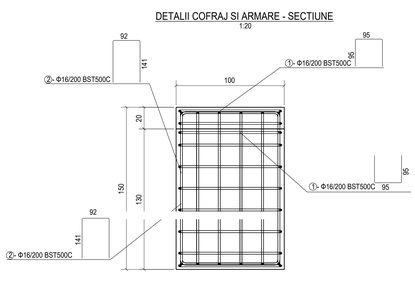


ELEMENT F/1 - FUNDATIE

DETALII COFRAJ SI ARMARE - SECTIUNE
1:20



DETALII COFRAJ SI ARMARE - SECTIUNE
1:20



AXONOMETRIE
1:30

NOTE GENERALE:

1. CONFORM "NORMATIVULUI PRIVIND CALITATEA IMBINARILOR SUDATE DIN OTEL A CONSTRUCTIILOR CIVILE, INDUSTRIALE SI AGRICOLE" - C150/99:
   a) CATEGORIA DE EXECUTIE A ELEMENTELOR ESTE "B" CONFORM PUNCT. 2.14b;
   b) CONDITIILE DE CALITATE PENTRU LAMINATE DIN OTEL, PENTRU IMBINARILE SUDATE SI PENTRU MATERIALELE DE SUDARE SE VOR INCADRA IN NIVELUL "B" DE ACCEPTARE CONFORM TABELELOR 1, 2 SI 4;
   c) OPERATILE DE DEBITARE A PIESELOR, PRECUM SI CELE DE PRELUCRARE A MARGINILOR LIBERE SI A ROSTURILOR PENTRU SUDARE TREBUIE SA RESPECTE CONDITIILE PREVAZUTE IN TABELUL 3, DIFERENTIATE PE NIVELURILE DE ACCEPTARE A IMBINARILOR SUDATE;
2. CLASA DE ABATERI LIMITA LA DIMENSIUNILE IMBINARILOR SUDATE ESTE "B" CONFORM SR EN ISO-13920/98;
3. CONDITIILE TEHNICE DE CALITATE VOR RESPECTA PREVEDERILE STAS 767/0-88;
4. PROTECTIA ANTIZOROZIVA A STRUCTURII METALICE SE VA REALIZA CONFORM GP121/ 2013.

MATERIALE:

a) Otel - SR-EN 10025 -2 : 2006
   - PROFILE TUBULARE S355J2H - SR EN 10219-1-2006
   - TABLE S355J2
   - PROFILE LAMINATE S355J2
b) Elemente de asamblare - SR-EN 14399-4
   - Piulite si contrapiulite gr.8

NOTE PRIVIND SPECIFICATILE ELEMENTELOR DE BETON ARMAT:

BETON:
1. Clasa de rezistenta a betonului : C16/20.
2. Incadrarea in clase de expunere a elementelor de beton armat a fost realizata in concordanta cu specificatiile SR EN 1992-1-1;
3. Alegerea tipului de ciment si stabilirea retetei betoanelor se vor face de catre producatorul impreuna cu antreprenorul cu respectarea claselor de rezistenta si expunere precizate in proiect. Un alt criteriu important la stabilirea retetei va fi reducerea fisurarii din contractia betonului. O atentie deosebita trebuie acordata si calcurii de hidratare a cimentului, una dintre cauzele fisurarii elementelor masive de beton armat;
4. Dimensiunea maxima a agregatelor va fi stabilita de catre producatorul de beton, impreuna cu antreprenorul, in functie de densitatea armaturii, acoperirea cu beton si dimensiunea elementului ce urmeaza a fi turnat astfel incat sa se asigure betonarea completa. Recomandam ca dimensiunea maxima a agregatelor sa fie 22 mm.
5. Suprafata betonului se va finisa conform detaliilor din proiectul de arhitectura;

ARMATURA:
1. Clasa de rezistenta si ductilitate a armaturii: otel BSt500, clasa de ductilitate C.
2. Incadrarea in clase de rezistenta si ductilitate a armaturii s-a facut conform SR EN 1992-1-1, anexa C. Barele utilizate ca armatura in elementele de beton armat trebuie sa respecte SR EN 1992 si ST-009.
3. Toate dimensiunile barelor de armatura sunt date la exterior.
4. Diametrul minim al al dornurilor pentru indoirea barelor cu diametrul mai mare de Ø16mm este de 7Ø.
Diametrul minim al dornurilor pentru indoirea barelor cu diametrul mai mic de Ø16mm (inclusiv) este de 4Ø.
5. In acest plan s-au cotat dimensiunile exterioare pentru segmentele barelor fasonate din elementele de beton armat, iar calculul lungimii totale s-a facut considerand axa barei (lungimea neta), conform SR EN ISO 3766/2004.

NOTE GENERALE:

1. Pentru pozitionarea elementelor de beton armat, acest plan se va consulta impreuna cu planurile de arhitectura.
2. Montarea pieselor inglobate se va face conform fiselor tehnice ale echipamentelor;

Beton: - C16/20 (B250) - Fundatii,Placi beton armat
- C8/10 (B150) - Strat egalizare
Otel - BST500 clasa C
- STNB
Acoperire: a=3.5cm

CLASA DE IMPORTANTA (IV CONFORM NORMATIVULUI P100-1/2013)
CATEGORIA DE IMPORTANTA "C" (CONSTRUCTII DE IMPORTANTA NORMALA CONFORM REGULAMENTULUI PRIVIND STABILIREA CATEGORIEI DE IMPORTANTA A CONSTRUCTIILOR HG 766/97)

PROIECTANT GENERAL / GENERAL DESIGNER

IONESCU LUPEANU DESIGN
ARCHITECTURE, ENGINEERING, ENERGY AUDIT, CONSULTANCY
WWW.IONESCULUPEANU.RO

BENEFICIAR / CLIENT
ORASUL BALCESTI

SPECIFICATIE / SPECIFICATION	NUME / NAME	SEMNATURA / SIGNATURE	NR. PR. / PR. NO. 010325
SEF PROIECT / PROJECT LEADER	dr.ing. Silviu IONESCU-LUPEANU		SCARA / SCALE 1:10 1:30
PROIECTAT / DESIGNED	dr.ing. Silviu IONESCU-LUPEANU		DATA / DATE 12.2025
DESENAT / DRAWN	dr.ing. Silviu IONESCU-LUPEANU		

TITLU PROIECT / PROJECT TITLE
CONSTRUIRE DOTARE SI AMENAJARE GRADINITA BENESTI, oras Balcesti, sat Benesti str. Mihai Viteazul nr.52 jud. Valcea

TITLU PLANSA / DRAWING TITLE
PLAN MONTAJ SI EXECUTIE FUNDATII SI STALPI COPERTINE TEXTILE PARASOLAR

FAZA / PROJECT STAGE: D.T.A.C.+P.T.+D.E
NUMAR PLANSA / DRAWING NUMBER: S19
REVIZIA / REVISION: 00

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