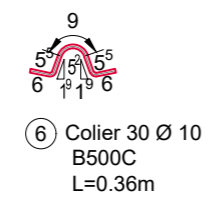
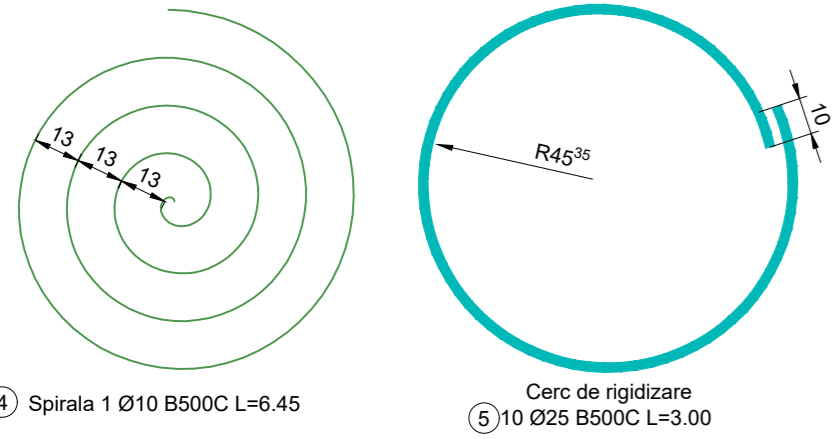
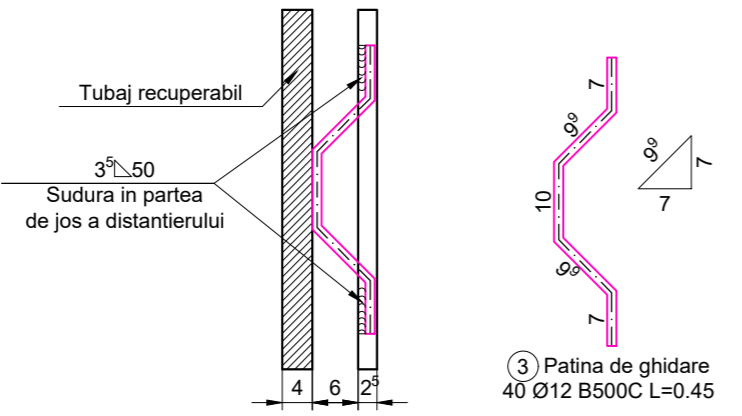


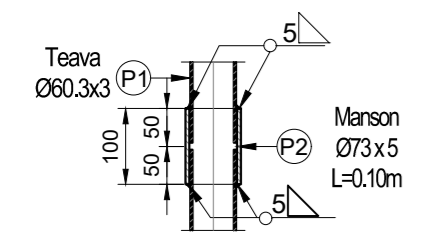
SPIRALA CERC DE RIGIDIZARE
Scara 1:20 Scara 1:20



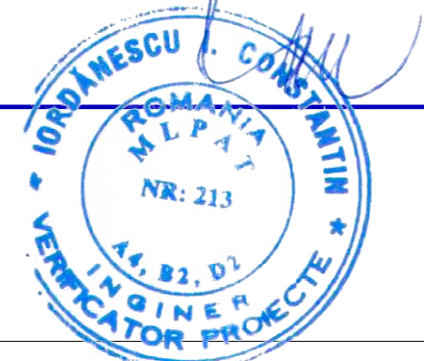
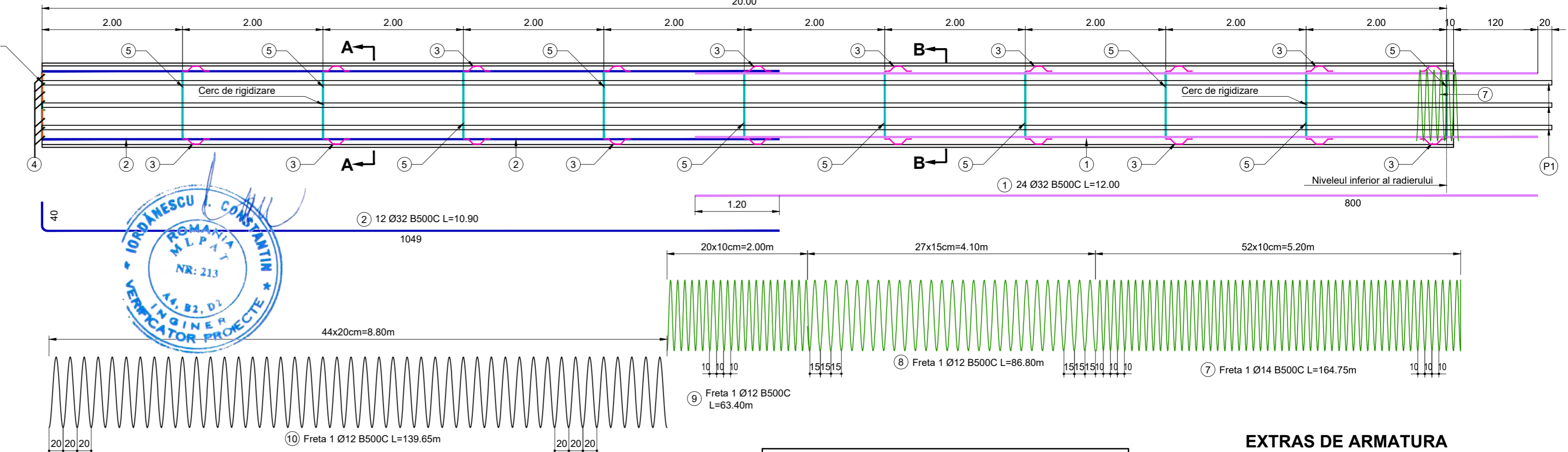
DETALIU SUDURA PATINA DE GHIDARE
Scara 1:10 Scara 1:10



Detaliu imbinare tevi
Scara 1:10



SECTIUNE LONGITUDINALA
Scara 1:50



NOTE:
Concrete C25/30 - XC2
Steel: B500-Ductility class C
Minimum reinforcement cover: 9 cm
Reinforcement length is calculated in axis bar.

NOTA:
Beton C25/305 - XC2
Otel: B500-Casa de ductilitate C
Stratul de acoperire minim cu beton: 9 cm
Cotarea armaturilor este realizata in axul barelor.

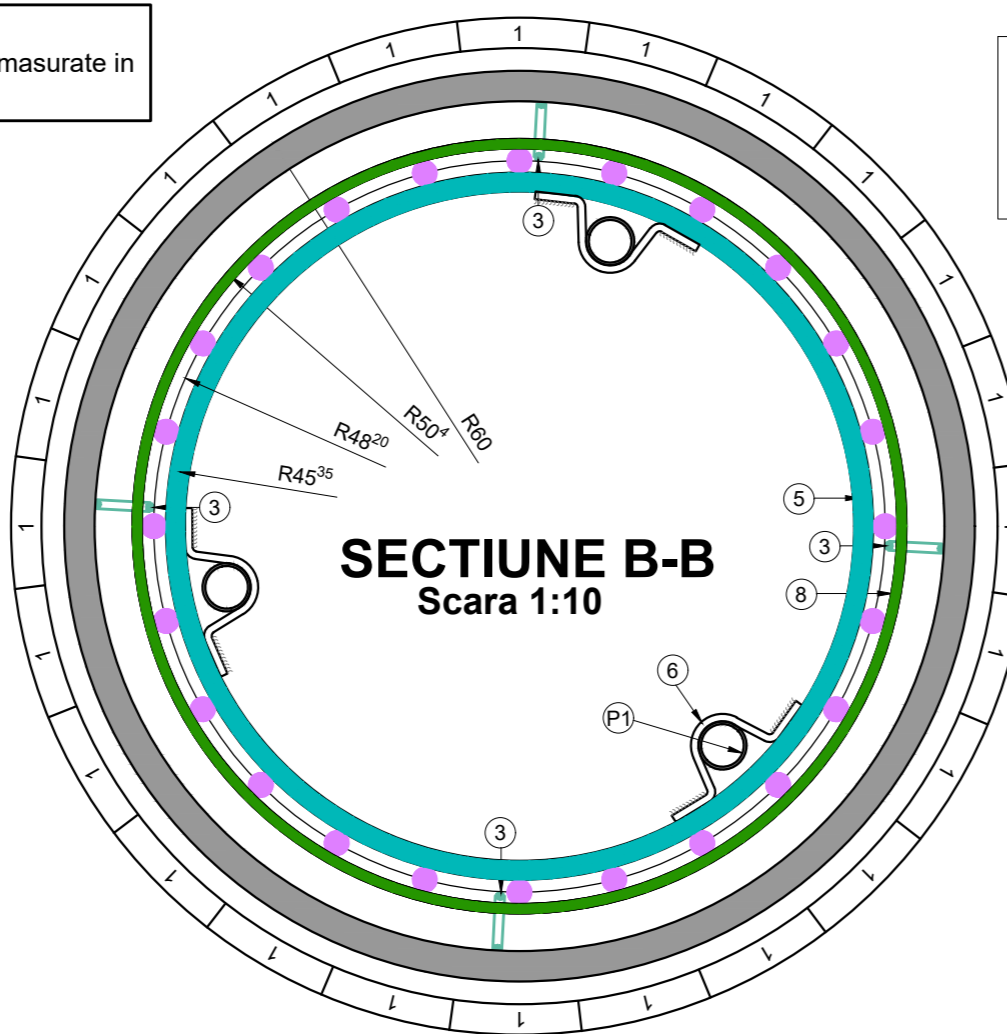
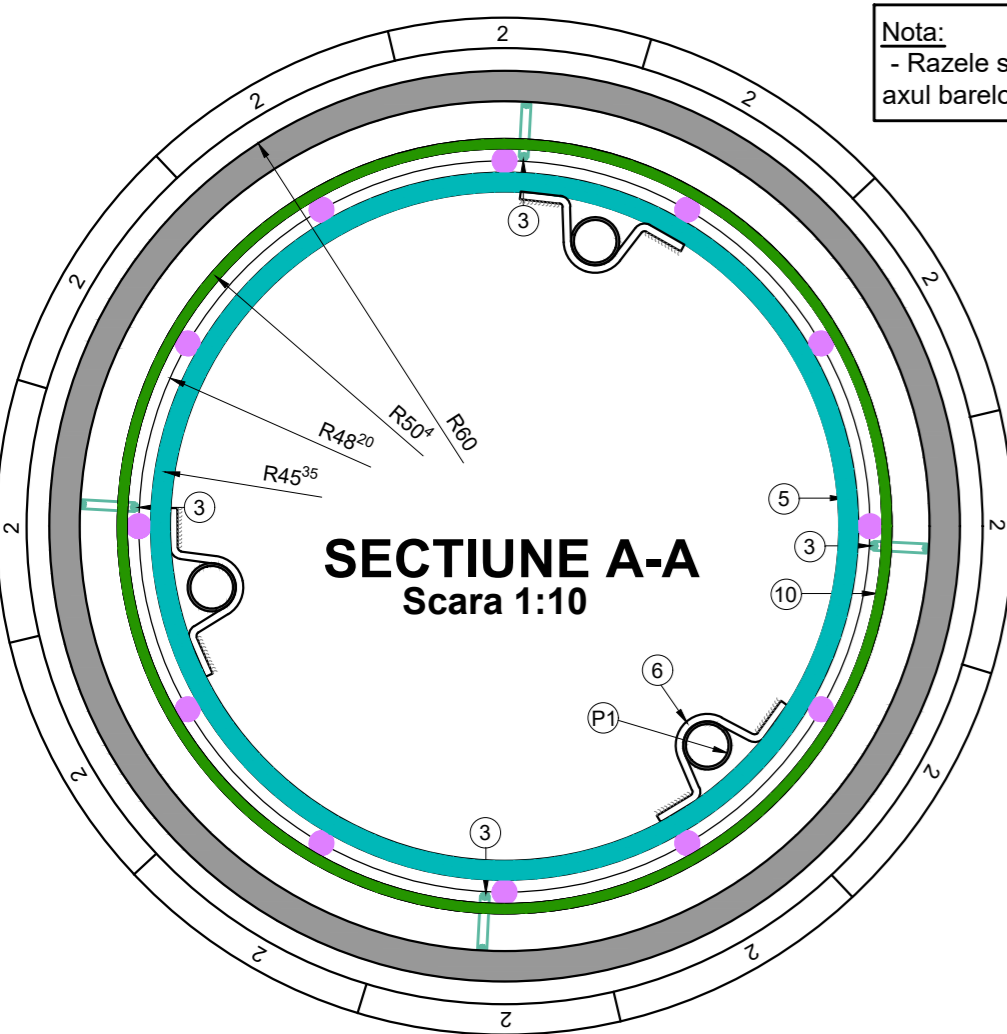
NOTA:
- Calitate otel armaturi: B500C
- Calitate otel confectionii metalice: S235 JR
- Continuitatea si calitatea betonului dupa turnare vor fi verificate prin metoda carotajului ultrasonic pentru cel putin 30% din numarul total de piloti, dar cel putin pentru un pilot la fiecare fundatie, respectiv prin metoda impedantei mecanice pentru 100% din numarul total de piloti.
- La pilotii la care nu se realizeaza carotaj ultrasonic nu sunt necesare piesele metalice P1 si P2, respectiv colierele marca 7.
- Tehnologia de realizare a pilotului forat considerata este cu tubaj recuperabil.
- Stratul minim de acoperire cu beton a=9cm.
- Pentru a asigura legatura intre tronsoanele de carcasa, cel putin o treime din barele longitudinale din sectiune se vor joanta prin afurii de sudura

EXTRAS DE ARMATURA

| Marca | Ø (mm) | n (buc.) | L (m) | n _x L - B500C | | | | |
|--------------------------------------|--------|----------|--------|--------------------------|--------|---------|--------|---------|
| | | | | Ø10 | Ø12 | Ø14 | Ø25 | Ø32 |
| 1 | 32 | 24 | 12.00 | | | | | 288.00 |
| 2 | 32 | 12 | 10.90 | | | | | 130.80 |
| 3 | 12 | 40 | 0.45 | | 18.00 | | | |
| 4 | 10 | 1 | 6.45 | 6.45 | | | | |
| 5 | 25 | 10 | 3.00 | | | | 30.00 | |
| 6 | 10 | 30 | 0.36 | 10.80 | | | | |
| 7 | 14 | 1 | 164.75 | | | 164.75 | | |
| 8 | 12 | 1 | 86.80 | | 86.80 | | | |
| 9 | 12 | 1 | 63.40 | | 63.40 | | | |
| 10 | 12 | 1 | 139.65 | | 139.65 | | | |
| TOTAL LUNGIMI PE DIAMETRU (m) | | | | 17.25 | 307.85 | 164.75 | 33.00 | 418.80 |
| GREUTATE PE METRU (kg/m) | | | | 0.617 | 0.888 | 1.208 | 3.853 | 6.313 |
| GREUTATE PE DIAMETRU (kg) | | | | 10.64 | 273.31 | 199.09 | 127.16 | 2644.03 |
| GREUTATE TOTALA (kg) | | | | 3255.00 | | | | |
| TOTAL pt. | | | | 1 BUCATI (kg) | | 3255.00 | | |

Material metalic control

| Reper | Element | Material | Sectiune | Lungime (m) | Buc | Greutate (kg) |
|--------------|-----------------|----------|----------|-------------|-----|---------------|
| P1 | Teava | S235 JR | Ø60.3X3 | 21.50 | 3 | 286.36 |
| P2 | Manson imbinare | S235 JR | Ø73X5 | 0.10 | 6 | 5.03 |
| P3 | Capac | S235 JR | Ø58X5 | 0.58 | 3 | 0.31 |
| TOTAL | | | | | | 291.70 |



Nota:
- Razele sunt masurate in axul barelor

| | | | | | | | | | |
|--|---|--|--|--|--|--------------------------|-------------------------------|---|--|
| PROIECTANT / DESIGNER: S.C. CONSITRANS S.R.L. | BENEFICIAR / BENEFICIARY: MUNICIPIUL ARAD, MUNICIPIUL ORADEA, CONSILIUL JUDETEAN ARAD, CONSILIUL JUDETEAN BIHOR CNAIR | FUNCTIA / POSITION: COORDONATOR DE PROIECT / PROJECT MANAGER | NUME / NAME: ing. S. VEACESLAV | SEMNTURA / SIGNATURE: <i>[Signature]</i> | Titlu plansa / Drawing title: Plan armare piloti forati Ø1200, L=20.00m | REV/ REV.: R00 | DATA/ DATE: 11.2023 | DETALII REVIZIE / REVISION DETAILS: PTE | PROIECTAT / DESIGNER: Consitrans |
| INVESTITIA / INVESTMENT: ACTUALIZARE/COMPLETARE/REVIZUIRE (S.F. + P.A.C. + P.O.E + P.T.E.) "DRUM EXPRES ARAD ORADEA" | ACTUALIZATION/COMPLETION (S.F. + P.A.C. + P.O.E + P.T.E.) "EXPRESS ROAD ARAD ORADEA" | SEF PROIECT SPECIALITATE / TEAM LEADER | ing. D. COVELTIR | <i>[Signature]</i> | Pod pe DX la km 51+510 peste Canal / Bridge on DX at km 51+510 over water channel | | | | |
| FAZA PROIECTARE / DESIGN STAGE: PROIECT TEHNIC DE EXECUTIE / EXECUTION TECHNICAL PROJECT | PROIECTAT / DESIGNER: | VERIFICAT / INTERNAL CHECKER: | ing. V. URDAREANU | <i>[Signature]</i> | LUCRARI DE POD / BRIDGE WORKS | | | | |
| Contract / Contract: 14724/01.07.2021 | Data / Date: 11 / 2023 | Scara / Scale: 1:50 1:20 1:10 | VERIFICAT / INTERNAL CHECKER: | ing. D. COVELTIR | Cod plansa / Drawing code: CST-0121-PTE-0-DX-02-P32-APF-01-R00 | | | | |

