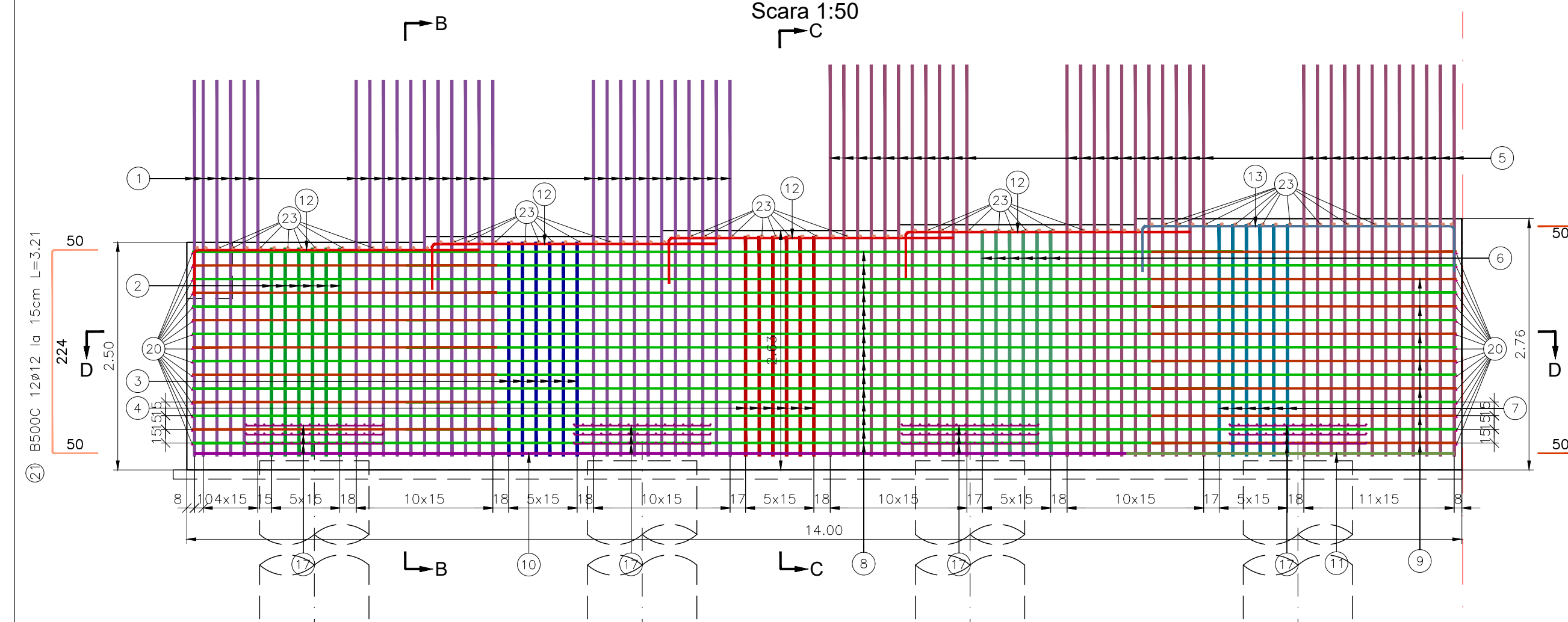
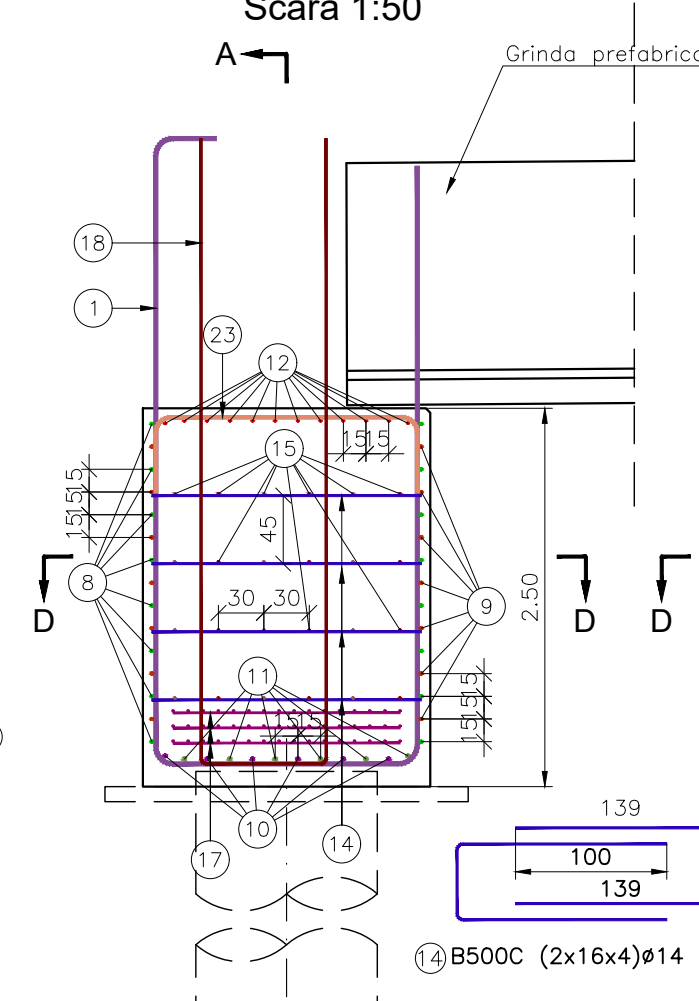


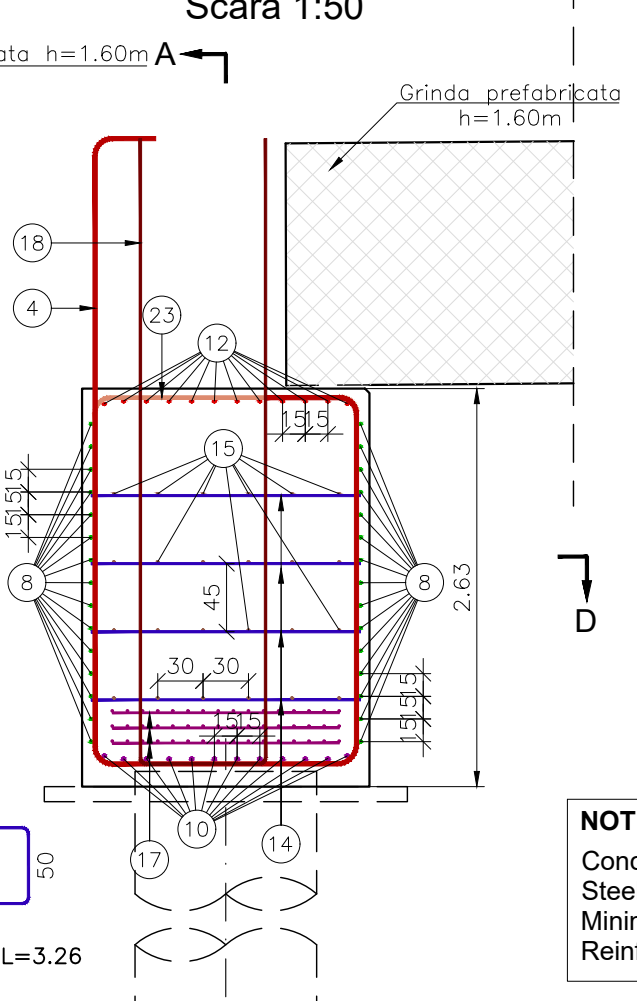
Sectione A-A
Scara 1:50



Sectione B-B
Scara 1:50



Sectione C-C
Scara 1:50

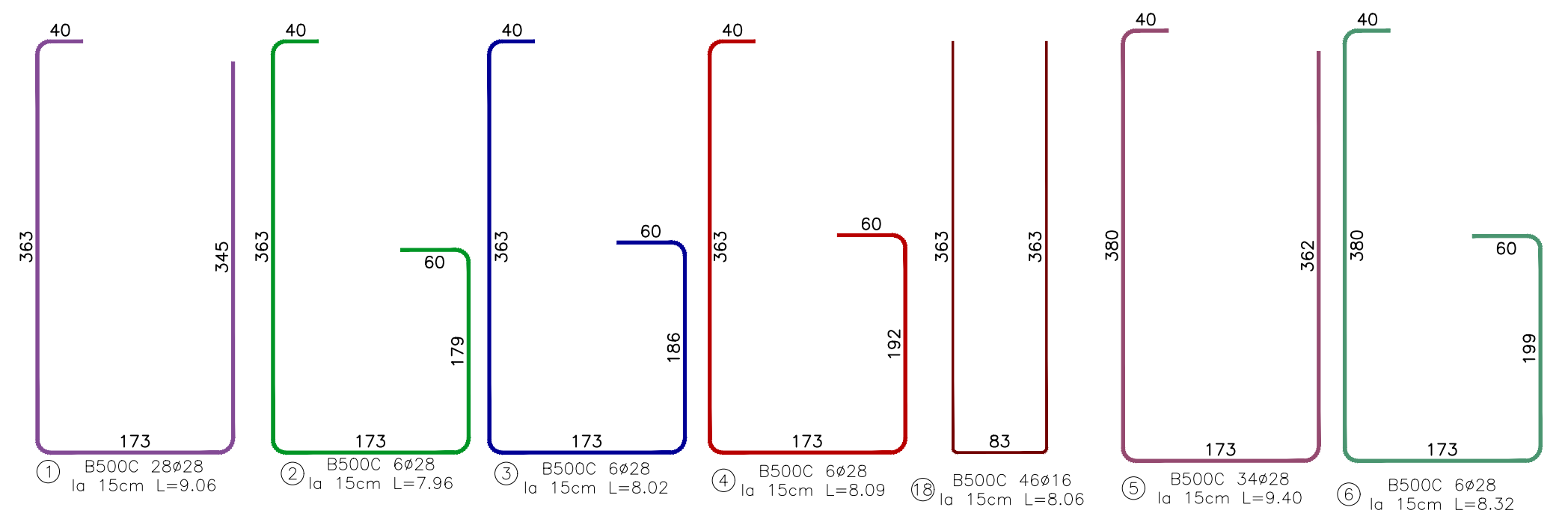


Sectione D-D
Scara 1:50



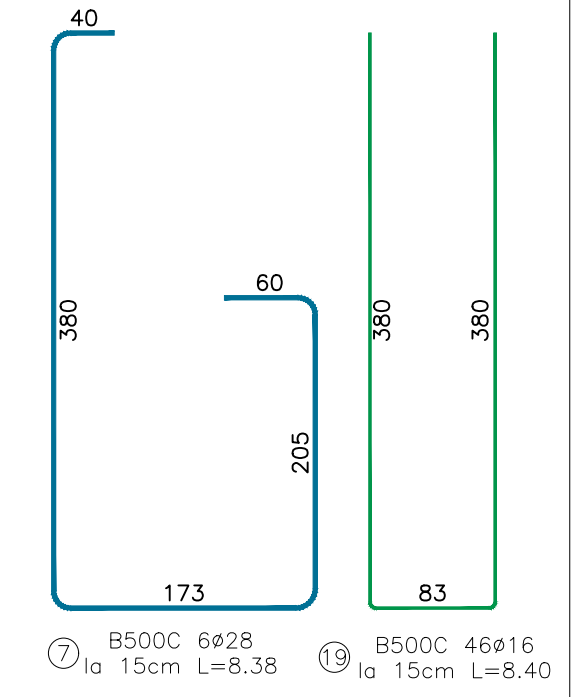
NOTE:
Concrete C30/37 - XC4; XF4; XD1
Steel: B500-Ductility class C
Minimum reinforcement cover: 5 cm
Reinforcement length is calculated in axis bar.

NOTA:
Beton C30/37 - XC4; XF4; XD1
Otel: B500-Casa de ductilitate C
Stratul de acoperire minim cu beton: 5 cm
Cotarea armaturilor este realizata in axul barelor.



EXTRAS DE ARMATURA

| Marca | φ (mm) | n (buc.) | L (m) | B500C | | | | | |
|--|--------|----------|-------|---------|--------|---------|----------|---------|---------|
| | | | | φ12 | φ14 | φ16 | φ20 | φ25 | φ28 |
| 1 | 28 | 28 | 9.06 | | | | | | 253.68 |
| 2 | 28 | 6 | 7.96 | | | | | | 47.76 |
| 3 | 28 | 6 | 8.02 | | | | | | 48.12 |
| 4 | 28 | 6 | 8.09 | | | | | | 48.54 |
| 5 | 28 | 34 | 9.40 | | | | | | 319.60 |
| 6 | 28 | 6 | 8.32 | | | | | | 49.92 |
| 7 | 28 | 6 | 8.38 | | | | | | 50.28 |
| 8 | 20 | 24 | 12.00 | | | | 288.00 | | |
| 9 | 20 | 24 | 3.82 | | | | 91.68 | | |
| 10 | 25 | 12 | 12.00 | | | | | 144.00 | |
| 11 | 25 | 12 | 4.02 | | | | | 48.24 | |
| 12 | 20 | 48 | 3.61 | | | | 173.28 | | |
| 13 | 20 | 12 | 4.40 | | | | 52.80 | | |
| 14 | 14 | 96 | 3.26 | 312.96 | | | | | |
| 15 | 12 | 18 | 12.00 | 216.00 | | | | | |
| 16 | 12 | 18 | 2.76 | 49.68 | | | | | |
| 17 | 12 | 24 | 25.15 | 603.60 | | | | | |
| 18 | 16 | 46 | 8.06 | | | 370.76 | | | |
| 19 | 16 | 46 | 8.40 | | | 386.40 | | | |
| 20 | 12 | 24 | 2.76 | 66.24 | | | | | |
| 21 | 12 | 12 | 2.71 | 32.52 | | | | | |
| 22 | 12 | 12 | 2.97 | 35.64 | | | | | |
| 23 | 25 | 92 | 2.65 | | | | | 243.80 | |
| TOTAL LUNGIMI PE DIAMETRU (m) | | | | 1003.68 | 312.96 | 757.16 | 605.76 | 436.04 | 817.90 |
| GREUTATE PE METRU (kg/m) | | | | 0.888 | 1.208 | 1.578 | 2.466 | 3.853 | 4.834 |
| GREUTATE PE DIAMETRU (kg) | | | | 891.08 | 378.19 | 1195.05 | 1493.90 | 1680.22 | 3953.45 |
| GREUTATE PE TIP OTEL (kg) | | | | | | | 9592.00 | | |
| GREUTATE TOTALA (kg) | | | | | | | 9592.00 | | |
| GREUTATE TOTALA PT 4 BUCATI ASEMENEA (kg) | | | | | | | 38368.00 | | |



| | | | | | | | | | |
|---|---|--|--|---|---|------------------------|--------------------------------|---|--|
| 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 | SEMNATURA / SIGNATURE: <i>[Signature]</i> | Titlu plansa / Drawing title: Plan armare elevatie culee Abutment reinforcement plan | 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" | FAZA PROIECTARE / DESIGN STAGE: PROIECT TEHNIC DE EXECUTIE / EXECUTION TECHNICAL PROJECT | SEF PROIECT SPECIALITATE / TEAM LEADER: ing. D. COVELTIR | PROIECTAT / DESIGNER: ing. V. URDAREANU | SEMNATURA / SIGNATURE: <i>[Signature]</i> | Pod pe DX peste Canal la km 51+510 Bridge on DX over Channel at km 51+510 | | | | |
| Contract /Contract: 14724/01.07.2021 | Data /Date: 11.2023 | Scara /Scale: 1:50 | VERIFICAT / INTERNAL CHECKER: ing. D. COVELTIR | SEMNATURA / SIGNATURE: <i>[Signature]</i> | LUCRARI DE POD / BRIDGE WORKS | | | | |
| UNIONE EUROPEANA PROIECT CO-FINANAT DIN FONDUL DE COEZIUNE, PRIN PROGRAMUL OPERATIONAL INFRASTRUCTURA MARE / PROJECT CO-FINANCED FROM THE COHESION FUND, THROUGH THE LARGE INFRASTRUCTURE OPERATIONAL PROGRAM | | | | | Cod plansa / Drawing code: CST-0121-PTE-0-DX-02-P32-AEC-01-R00 | | | | |