



MATERIALE FOLOSITE:

BETON ARMAT : C16/20,(BC20)/P8

BETON SIMPLU : C4/5(BC5)

CIMENT : CEM II/A-S32.5 R

OTEL BETON : OB 37,PC 52

USE MATERIALS:

REINFORCED CONCRETE:C16/20(BC20)/P8

PLAIN CONCRETE :C4/5(BC5) ;

CEMENT : CEM II/A-S32.5 R

STRUCTURAL STEEL: OB 37,PC 52

NOTA:

- TURNAREA BETONULUI SE VA FACE CONTINUU

NOTE:

- CONCRETE POURING WILL BE CONTINUOUS

- NOTA:
1. Stratificatia terenului in amplasament, stabilita pe baza studiului geotehnic intocmit de SC TEST DRUMTEENGINEERING SRL , este urmatoarea:
- 0.0-0.70 m umplutura neomogena
- 0.70- 3.50m argila prafoasa calenie plastic consistent - varfoasa
- 3.50 -6.00m praf argilos caleniu plastic consistent - plastic moale
2. Presiunea conventionala de calcul s-a considerat 210 KPa in gruparea fundamentala.
3. Fundarea constructiei tip placa(radier) se va face in stralul de argile prafoase calenie inchise plastic consistent spre plastic varos la o adancime de -3.88m fata de cota ±0.00.
4. Sapatura generala se va executa cu mijloace mecanizate, cu taluz la 45 de grade, pana la cota de fundare de-4.3m fata de C.T.N si -3.88 fata de cota 0.00 a constructiei care se considera a fi cota planseului de rezervor, respectiv statiei de pompare;
5. Panamul sapat se va depozita la o distanta care sa nu puna in pericol groapa sapata jinsa suficient de aproape pentru a putea fi folosit la umpluturi
6. Ultimii 20cm de sapatura se vor executa cu 2 ore inaintea turnarii betoanelor;
7. Pe perioada executiei, se vor lua toate masurile ce se impun pt. evitarea acumularii si stagnarii apelor in sapatura;
8. Placa de beton armat se va aseza pe un pat de balast de 30cm peste care se toarna un beton de egalizare de 10cm grosime, iar pe talpa radierului se va realiza un strat de hidroizolatie orizontala .
9. Imediat dupa incheierea turnarilor betoanelor de fundatii, si intarirea acestora, se vor executa hidroizolatiile verticale conform detaliilor de executie si umpluturile cu pamant argilos in straturi succesive de 10 - 15cm, bine compactate in amestec cu nisip (10-15%)
10. Dupa executarea sapaturii se va solicita prezenta inginerului geotehnician pe santier pentru a confirma natura terenului de fundare;
- 11.Nivelul freatic este situat la peste 10.00m - 12.00m de la cota terenului .
- 12.La turnarea peretilor rezervorului si statiei de pompare se vor lasa goluri pentru trecerea instalatiilor indicate in planurile de specialitate.
- 13.CTN=+0.50m fata de cota ±0.00

NOTE:

1. The stratification of the field in site, settled by the geotechnical study, elaborated by SC TEST DRUMTEENGINEERING SRL, is:

- 0.0-0.70m inhomogeneous padding
- 0.70-3.50m brown clayed dust consistent plastic to solide plastic.
- 3.50-6.00m brown clayed dust, consistent plastic to soft plastic.
- 2.The conventional pressure of the account was 210 kPa in the fundamental group.
3. The building foundation will be made in clayed solid plastic, at 3.88m deep, toward ±0.00.
4. The general digging will be made in mechanical resources, with batter at 45º untill the foundation quota 4.3m, toward CTN, and -3.88 to be reservoir floor quota.
5. The digged field will be storage at distance, but close from the digged hole, because is used at padding.
6. The last 20cm of digging will be made two hours before the concrete casting.
- 7.On the execution period , it will be taken all the precaution for the evason of water accumulation and stagnation in the dig.
8. The reinforced concrete floor , will be put at 30cm, on the ballast bed.On this ballast bed, will be casting an equalization concrete with the size of 10cm.
- 9.After the pouring of concrete for foundation and hardening of concrete, will execute the waterproofing according with the constructional detail and padding with clayed field in successive course of 10-15cm.
10. After the digging execution, the geotechnic engineer will came on the building yard to attest the nature of the foundation land.
11. The water level is situated over 10.00m - 12.00m from the ground elevation.
12. At the pouring of reservoir walls and pumping station, they will let gouges for the installation passage, indicated in the specialty planes.
13. CTN=+0.50m toward the ±0.00 quota.
