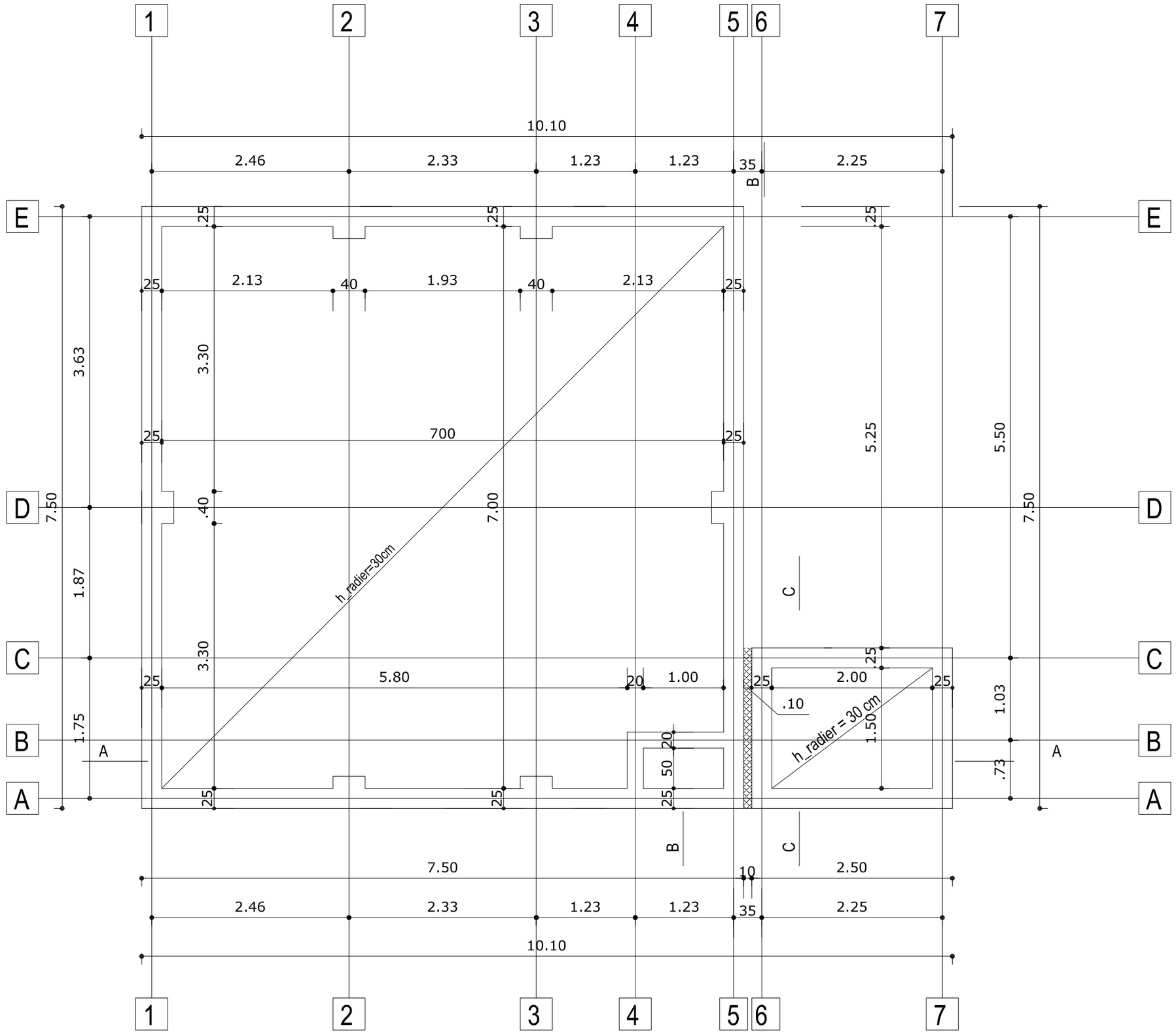


NOTA:

1. Stratificatia terenului in amplasament, stabilita pe baza studiului geotehnic intocmit de SC TEST DRUMTENGINEERING SRL , este urmatorea:

0.0- 1.45 m umplutura neomogena
1.45 - 4.40m argila prafoasa galbui - cafenie, plastic consistenta spre vartoasa
4.40 - 6.00m nisip argilos cu pietris rar

2. Presiunea conventionala de calcul s-a considerat 230KPa in gruparea fundamentala.
3. Fundarea constructiei tip placa(radier) se va face in stratul de argila prafoasa galbui-cafenie,plastic consistenta spre vartoasa 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-4.38m 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 statia de pompare;
5. Pamantul sapat se va depozita la o distanta care sa nu puna in pericol gropile sapate ,insa suficient de aproape pentru a putea fi folosite 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.
9. Imediat dupa incheierea turnarilor betoanelor de fundatii, si intarirea acestora, se vor executa hidroizolatiile 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 5m 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, setted by the geotechnical study, elaborated by SC TEST DRUMTENGINEERING SRL, is:
   - 0.0-1.45m inhomogenous padding
   - 1.45-4.40m brown-yellow clayed dust,consistent plastic to solid plastic
   - 4.40-6.00m brown clayed sandy with gravel
2. The conventional pressure of the account was 230 kPa in the fundamental group.
3. The building foundation will be made in brown yellow slayed dust,consistent plastic to 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 4.38m, toward CTN, and -3.88 to be reservor 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 concrete casting.
7. On the execution period , it will be taken all the precaution for the evasion 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 succesive 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 5m from the ground elevation.
12. At the pouring of reservor walls and pumping station, they will let gouges for the installation passage, indicated in the speciality planes.
13. CTN=+0.50 m toward the ±0.00 quota

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 CONTINOUS

| | | | | |
|---|---|---|---|---|
| M.L.P.A.T. VERIFIER VERIFICATOR M.L.P.A.T | NAME: NUME : | SIGNATURE: SEMNATURA: | REQUEST: CERINTA: | REPORT / EXAMINATION NO / DATE REFERAT / EXPERTIZA NR. / DATA |

PROJECT DESIGN COORDINATOR: COORDONATOR PROIECT: **THE LOUIS BERGER GROUP, INC**

**BUCHAREST SCHOOL INFRASTRUCTURE REHABILITATION / REABILITAREA INFRASTRUCTURII EDUCATIONALE IN MUNICIPIUL BUCURESTI**

DESIGNER: PROIECTANT: CONSILIER CONSTRUCT

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BENEFICIAR: **PRIMARIA MUNICIPIULUI BUCURESTI**

SCHOOL NAME / NUME SCOALA: **GENERAL SCHOOL NO. 36 / SCOALA GENERALA NR. 36**

| | NAME / NUME | SIGN. / SEMNATURA |
|---|---|---|
| DESIGNED BY / PROIECTAT | **ING. A. ADAM** | |
| VERIFIED BY / VERIFICAT | **ING. G. GHICA** | |
| PROJ. DIR. / SEF PROIECT | **ARH. S. ICHIM** | |

TYPE OF WORKS / LUCRARE: **LUCRARE DE REZISTENTA , CLADIRE GOSPODARIE APA-GE007 / STRUCTURAL WORKS , BUILDING STORAGE WATER GE007**

TITLE / PLANSA: **PLAN FUNDATII (CONSTRUCTIE NOUA) / FOUNDATION PLAN (NEW BUILDING)**

| DATE / DATA | SCALE / SCARA | EXEMPLAR NR. | PROJ PHASE / FAZA PROIECT | PROJ. NO / NR.PROIECT | DRWG. NO. / NR. PLANSA |
|---|---|---|---|---|---|
| 04.2006 | **1 : 50** | | **P.A.C.** | **063/S4** | **GE007-R/002** |

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