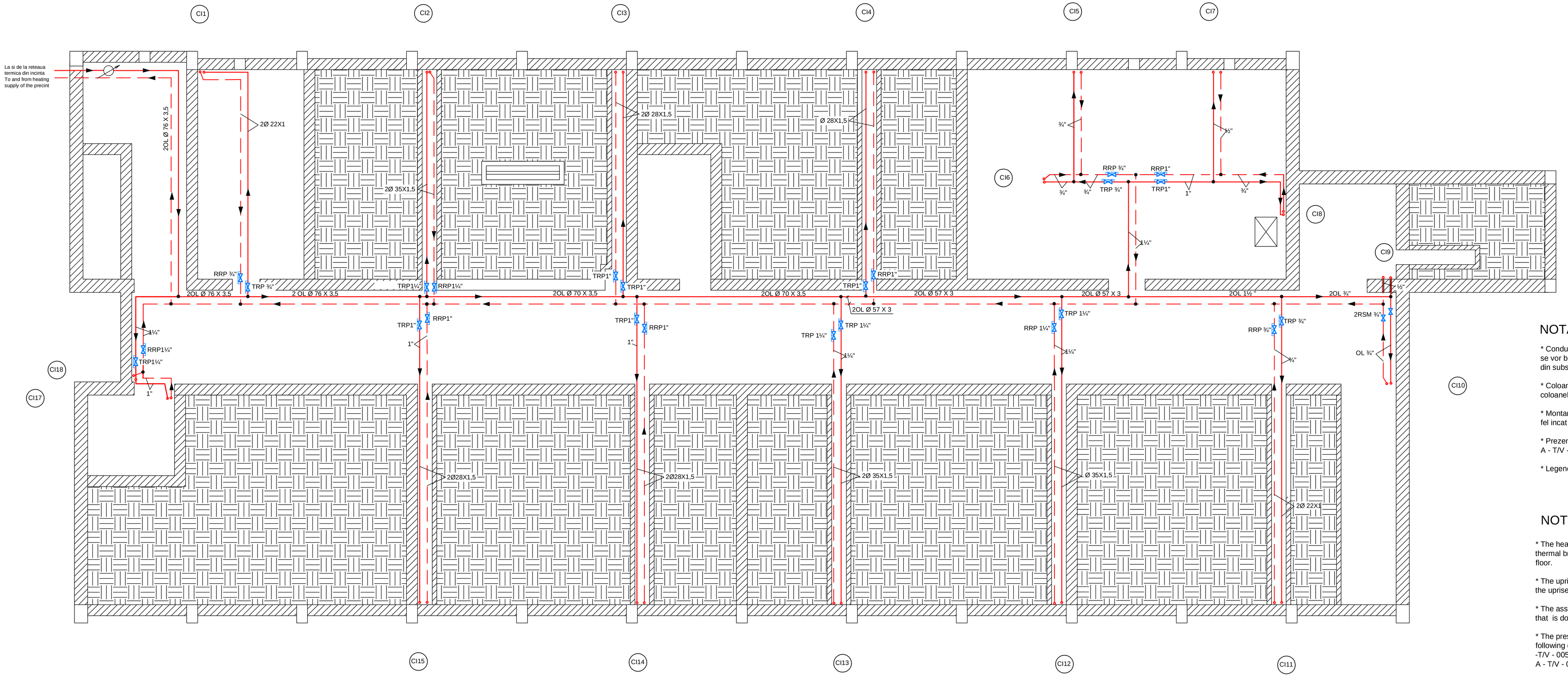

NOTA :

* Conductele de alimentare cu energie termica pentru incalzire se vor bransa la racordul termic existent, dupa punctul de contorizare din subsolul scolii.

* Coloanele se vor monta la inaltimea indicata in schema coloanelor (vezi plan A - T/V - 006)

* Montarea corpurilor din diferitele incaperi se va realiza in asa fel incat sa nu influenteze asupra functionarii fiecaruia dintre ele.

* Prezentul se va consulta impreuna cu planurile A - T/V - 002, A - T/V - 003, A - T/V - 004, A -T/V -005 si A - T/V - 006

* Legenda se va consulta in planul A - T/V - 006

NOTE :

* The heating supply pipes will be connected to the existing thermal branch, after the measurement point from the basement floor.

* The uprisess will be assembled at the indicated elevation by the uprises scheme (see the plan A - T/V - 006)

* The assembling of the hot-water heaters will be realise so that is doesn't impose any of their functioning.

* The present drawing will be consulted together with the following drawings : A - T/V - 002, A - T/V - 003, A - T/V - 004, A -T/V - 005 si
A - T/V - 006

* The legend will be consulted in the plan no. A - T/V - 006.

* Radiatoarele se vor alege in functie de debitul termic pe care trebuie sa il asigure in incaperea respectiva si de caracteristicile comunicate de furnizor, pentru inaltimea impusa de proiectant (H = 600 mm).

* Inaltimea de montare a radiatoarelor va fi de **150 - 200 mm de la pardoseala incaperii** pana la partea inferioara a corpului de incalzire.

* Racordarea la coloane se va realiza numai **"in cruce"**, pentru obtinerea unei eficiente maxime, in conformitate cu detaliul alaturat.

* Se va respecta - cu strictete - modul de racordare la coloana : pentru **conducta de tur, panta ascendenta de 2 ‰ spre coloana** iar pentru **conducta de retur panta descendenta de 2 ‰ catre coloana**.

* Robinetele automate de aerisire se vor monta la inaltimea de **2,80 m fata de cota pardoselii** etajului respectiv. Conductele de aerisire vor fi prinse in suporti, tip bratara, in apropierea robinetului de aerisire.

* Conductele de distributie, din subsol vor fi asamblate **prin fitinguri filetate pana la diametrul de 1"**si **prin sudura cu flacara oxiacetilenica peste acest diametru.**

* Izolarea conductelor de distributie se va face numai **dupa executarea probelor de etanseitate si dilatare-contractare "la cald"**si grunduirea, in doua straturi a acestora.

* Pe exteriorul stratului de protectie a termoizolatiei se vor inscriptiona **tipul conductei si sensul de curgere al fluidului.**

* The steel-heaters will be selected according to the thermal flow that has to be respected for the room's characteristics and to the height requirements imposed by the designer (H=600 mm) and the technical data provided by the supplier.

* The steel-heaters will comply with a fitting height of (**150 - 200) mm from the floor of the room**up the inferior part of heating device.

* The steel-heater will be connected to the pipeline only through a **"cross pattern"**in order to obtain maximum efficiency, according to the attached detail drawing.

* The method of connection to the pipeline will be strictly observed: **for the flow line - gradient of 2‰, ascending towards the pipeline**and **for the falling line - gradient of 2‰, descending towards the pipeline.**

* The automatic valves for deairation will be fitted at a height of 2,80 m from the quota of the floor present on the respective level. The ventilation ducts will be fixed with support devices, bracket like, near the deairation valve.

* The distribution ducts from the basement will be fitted **with the help of threaded adapting pieces, up to 1" in diameter**and **with the help of oxyacetylene welding for diameters above this value.**

* The distribution ducts will be insulated only **after**they are varnished with two layers of paint and **the sealing and diltation-contraction tests are performed.**

* **The type of the duct and the flow direction of the liquid**will be marked on the exterior protection layer of thermo-insulation.

EXECUTAREA LUCRARILOR DE MONTAJ A INSTALATIEI
DE INCALZIRE SE VA FACE CU RESPECTAREA PRESCRIPTIILOR
DIN CAIETELE DE SARCINI SPECIFICE ACESTOR TIP DE LUCRARI

THE EXECUTION OF THE FIXING WORKS FOR HEATING INSTALLATION WILL BE CARRIED OUT ACCORDING TO THE PROVISIONS OF THE TECHNICAL SPECIFICATIONS THAT ARE INTENDED FOR THIS TYPE OF WORKS.

VERIFICATOR M.L.P.A.T. / VERIFIED BY M.L.P.A.T.	NUME / NAME	SEMNATURA / SIGNATURE	CERINTA / REQUIREMENT	REFERAT / EXPERTIZA NR. / DATA REPORT / TECHNICAL EXPERTISE / DATE

PROIECT DESIDN COORDONATOR: / COORDONATOR PROIECT: **THE LOUIS BERGER GROUP, INC**

BUCHAREST SCHOOLS INFRASTRUCTURE REHABILITATION / REABILITAREA INFRASTRUCTURII EDUCATIONALE IN MUNICIPIUL BUCURESTI

DESIGNER/PROIECTANT: CONSILIER CONSTRUCT

M4			
M3			
M2			
M1			
Modif	Data/Data	DESIGNED BY/PROIECTAT	VERIFIED BY/ VERIFICAT / PROJ. DIR./SEF PROIECT

BENEFICIARY/BENEFICIAR: **MUNICIPALITY OF BUCHAREST PRIMARIA MUNICIPIULUI BUCURESTI**

SCHOOL NAME/ NUME SCOALA: General School no. 310 / Scoala Generala nr. 310

	NAME/ NUME	SIGNAT./SEMNATURA
DESIGNED BY PROIECTAT	ing. Michaela DUTA	
VERIFIED BY VERIFICAT	ing. Florian DUTA	
PROJ. DIR. SEF PROIECT	arh. Sonn ICHIM	

TYPE OF WORKS/ LUCRARE: HEATING AND VENTILATION DESIGN / INSTALATII DE INCALZIRE SI VENTILATIE
BUILDING "A" / CLADIRE "A"

TITLE/ PLANSA: BASEMENT FLOOR PLAN (EXISTING BUILDING) / PLAN SUBSOL (CLSDIRE EXISTENTA)

DATE/ DATA	SCALE/ SCARA	EXEMPLAR NR.	PROJ. PHASE/FAZA PROIECT	PROJ. No./Nr.PROIECT	DRWG. No./Nr. PLANSA
04/2006	1 : 50		Detailed Design / Proiect tehnic	087/S6	A - T/V - 001

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1050 X 594 mm