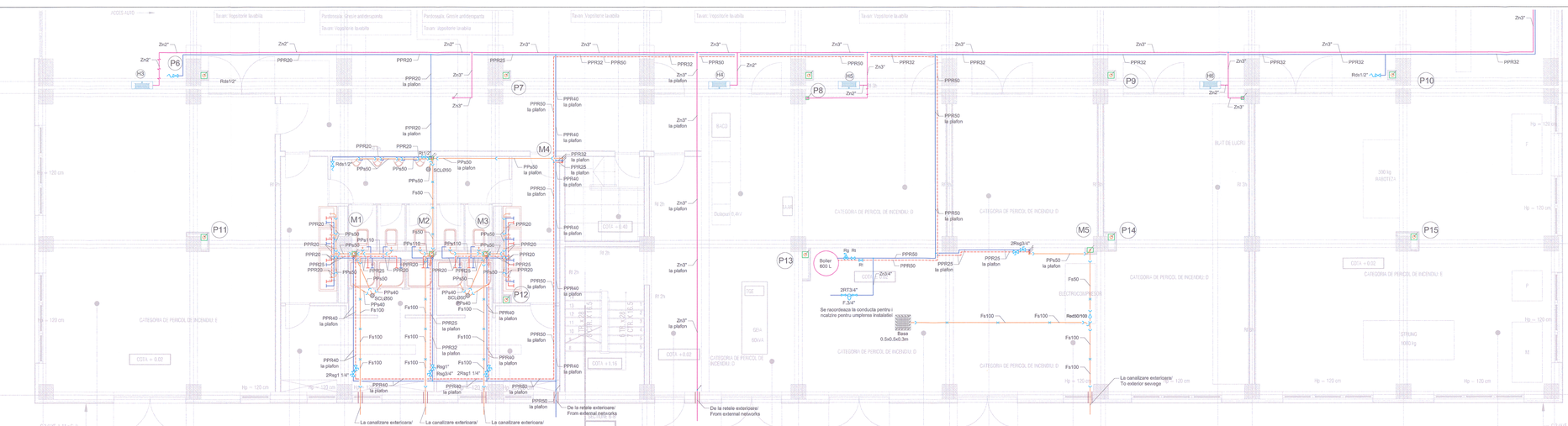

Nota 1:
Executarea lucrarilor de montaj a retelelor de alimentare cu apa si canalizare se va face cu respectarea prescriptiilor din cadrelde de sarcini specifice acestor tipuri de lucrari.

Nota 1:
The execution of the fixing works for water supply and sewerage network will be carried out according
to the provisions of the technical specifications that are intended for this types of works.

Nota 2:
Cerinta de calitate minima corespunzator nivelului de performanta este **la** - in conformitate cu prevederile H.G. 925 - 1995.
Categoria de importanta a lucrarilor hidrotehnice este **"C"** (normala) - in conformitate cu prevederile STAS 2473 - 1983.

Nota 2:
Minimum quality requirement adequate performance level are **la** - in correspondance with G.R. 925 - 1995.
Importance class for hydrotechnical works is **"C"** (normal) - in correspondance with
STAS 2473 - 1983 forecast.

Nota 3:
Prezentul plan se va consulta impreuna cu planurile:
PT.03.03.28.IS.07.001, PT.03.03.28.IS.07.003,
PT.03.03.28.IS.07.004, PT.03.03.28.IS.07.005,
PT.03.03.28.IS.07.006,
PT.03.03.28.IS.07.007,PT.03.03.28.IS.07.008,
PT.03.03.28.IS.07.009.

Note 3:
The present design will be consult with the following drawings:
PT.03.03.28.IS.07.001, PT.03.03.28.IS.07.003,
PT.03.03.28.IS.07.004, PT.03.03.28.IS.07.005,
PT.03.03.28.IS.07.006,
PT.03.03.28.IS.07.007,PT.03.03.28.IS.07.008,
PT.03.03.28.IS.07.009.

Nota4:
Orice greseala sau neconcordanta gasita, executantul are obligatia de a atrage atentia proiectantului, astfel executantul va fi raspunzator pentru aceasta.

Note 4:
The contractor has to draw the attention of the designer with regard to any error or incongruity encountered, otherwise the contractor will be responsible for it.

Nota5:
Echipamentele si materialele vor fi puse in opera in conformitate cu indicatiile si recomandarile cuprinse in cărțile tehnice ale furnizorilor. Acestea vor avea certificat de conformitate CE sau agrementele tehnice.
Executantii vor cuprinde la faza de ofertare toate materialele marunte necesare executării si punerii in functiune a instalațiilor in conformitate cu specificul materialelor folosite.
Executantul lucrărilor de instalații are obligația de a verifica cantitățile de materiale si garniturile echipamentelor înainte de ofertare, procurarea materialelor si începerea execuției si de a semnala eventualele neconcordanțe în ale proiectului.
Prezenta planșă se va citi impreuna cu celelalte. Montarea echipamentelor de către persoane neautorizate este strict interzis ă. Se va corela prezenta plan șă cu planurile de structur ă si orice neconcordanțe ulterioară se va remedia prin dispozi ții de ganfier.

Note5:
Equipments and materials will be placed according to the indications and recommendations specified in the suppliers' technical books. These will be accompanied by EC conformity certificate or technical agreements.
In the tendering phase, Contractors will include all materials required to execute and to put into service the installations according to the specificity of the utilized materials.
Before tendering, the Contractor of installations works has the duty to check the quantities of materials and dimensions of equipment, the procurement of materials and commencement of execution and to point out eventual non-conformities of the design.
Present drawing will be construed together with the others.
Installation of equipment by unauthorized persons is not allowed.
Present drawing will be correlated with the structure drawings and any further non-correlation will be remedied through site dispositions.

LEGENDA:

Rds	Robinet dublu de serviciu
Rsg	Robinet de sectionare si golire
Rt	Robinet de trecere
(M)	Coloană canalizare menajeră
(P)	Coloană canalizare pluvială
Zn	Teava otel zincat
PPR	Teava polipropilena reticulara
PPR la plafon	Teava polipropilena reticulara
Zn la plafon	Teava otel zincat si ceiling
PPs	Teava polipropilena de scurgere
PPs la plafon	Teava polipropilena de scurgere la plafon
SCL	Sifon cu colectare si iesire laterala
	Directie curgere apa
H	Protectie la trecere prin pereti si planseu Hidrant interior

CIRCUITE
- Conducta apă rece
- Conducta apă caldă
- Conducta canalizare menajeră
- Conducta canalizare menajeră ingropata
- Conducta alimentare hidranti

TABEL DE ECHIVALENTE LA CONDUCTELE DE APĂ

OL	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
PP-R	20x1,9	25x2,3	32x3	40x3,7	50x4,6	63x5,8
PE-Xa	20x2,8	25x3,5	32x4,4	40x5,5	50x6,9	63x8,7
Dn	15	20	25	32	40	50

LEGEND:

Rds	Double serve valve
Rsg	Section and emptying valve
Rt	Straightway cock
(M)	Sewer duct
(P)	Pluvial duct
Zn	Zincked steel pipe
PPR	Orifice polypropylene pipe
PPR la plafon	Orifice polypropylene at ceiling
Zn la plafon	Zincked steel pipe at ceiling
PPs	Orifice polypropylene drain pipe
PPs la plafon	Orifice polypropylene drain pipe at ceiling
SCL	Floor trap with colector and side exit
	Water flow direction
H	Protection at floors and walls passing Interior hydrant

CIRCUITS
- Cold water pipe
- Hot water pipe
- Sewer pipe
- Underground sewer pipe
- Hydrants supply pipe

EQUIVALENT TABEL FOR WATER PIPES

OL	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
PP-R	20x1,9	25x2,3	32x3	40x3,7	50x4,6	63x5,8
PE-Xa	20x2,8	25x3,5	32x4,4	40x5,5	50x6,9	63x8,7
Dn	15	20	25	32	40	50

CLASA DE IMPORTANTA A CONSTRUCTIEI: III cf. P 100 / 2006
CATEGORIA DE IMPORTANTA: C cf. HG 766 / 1997
GRAD DE REZISTENTA LA FOC: II cf. P118 / 1999
CATEGORIA DE PERICOL DE INCENDIU: D cf. P118 / 1999

Verificator / Expert Checker / Expert	Cerinta Requirement	Semnătura Signature	Referat / Expertiză Report / Expertise

European Investment Bank

MINISTERUL TRANSPORTURILOR

BENEFICIAR / BENEFICIARY :

COMPANIA NAȚIONALĂ DE CĂI FERATE "CFR" SA

PROIECTANT / DESIGNER: PÖYRY		Data Dato	Semnătura Signature
Aprobat Approved	Şef de echipă Team leader	C. Teodorescu	01.2013
Verificat Checked	Expert Cheie Key Expert	B. Goessler	01.2013
Subcontractant / Subcontractor VIOTOP			
Aprobat Approved	Adjunct Şef de echipă Deputy Team leader	A.M. Baicu	01.2013
Proiectat Designed	Inginer Engineer	A. Şebe	01.2013

"Reabilitarea liniei c.f. Frontier à - Curtici - Simeria, parte componentă a coridorului IV Pan - European pentru circula ţia trenurilor cu viteză maximă de 160 km/h" Tronsonul 3: Gurasada - Simeria
"Rehabilitation of the Railway Line Border - Curtici - Simeria , component Part of the IV Pan - European Corridor for the Trains Circulation with maximum speed of 160 km/h" Section 3: Gurasada - Simeria

Project 9/ 35311.1

Faza / Phase: PTh+CS / TD+TS

Denumire desen / Drawing name:
Statia Simeria - Cladire de mentenanță - Instalații Sanitare - Plan parter corp birouri / Simeria Station - Maintenance building - Sanitary engineering installations - Ground floor plan offices building

Scara / Scale	Revizia / Revision	Cod desen / Drawing Code	Nr / No
1:50	1/05.2013	PT.03.03.28.IS.07.002	02/09