



March 23, 2010
NRC:10:019

Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555-0001

**SUNSI and Proprietary Materials Requested from the March 2-3, 2010 NRC Audit
Regarding U.S. EPR Design Certification Containment Analysis**

Ref. 1: E-mail, Getachew Tesfaye (NRC) to Martin Bryan (AREVA NP Inc.), "Documentation Audit Request," March 2, 2010

Ref. 2: E-mail, Getachew Tesfaye (NRC) to Martin Bryan (AREVA NP Inc.), "Tables 9 and 10: additional request from documentation audit," March 4, 2010

The enclosures to this letter provide the information requested by the NRC staff in References 1 and 2.

In References 1 and 2, the NRC requested that AREVA NP Inc. (AREVA NP) provide copies of Tables 1, 2, 3, 8 and 9 from AREVA NP document 38-9028970-000, "EPR Basic Containment Model for the 'Lumped Parameter' Code COCOSYS." The NRC staff reviewed this information during the subject audit and requested the information be submitted to support the NRC staff's confirmatory analyses.

AREVA NP considers some of the material contained in the attachments to this letter to be both proprietary and security-related sensitive information (SUNSI). As required by 10 CFR 2.390(b), an affidavit is enclosed to support the withholding of the information from public disclosure. SUNSI and SUNSI-redacted versions of the enclosures to this letter are provided.

If you have any questions related to this submittal, please contact me by telephone at 434-832-2369 or by e-mail at sandra.sloan@areva.com.

Sincerely,

A handwritten signature in cursive script that reads "Sandra M. Sloan".

Sandra M. Sloan, Manager
New Plants Regulatory Affairs
AREVA NP Inc.

Enclosures

cc: G. Tesfaye
Docket No. 52-020

AREVA NP INC. An AREVA and Siemens company
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NRC

requested qualifies under 10 CFR 2.390(a)(4) "Trade secrets and commercial or financial information".

6. The following criteria are customarily applied by AREVA NP to determine whether information should be classified as proprietary:

- (a) The information reveals details of AREVA NP's research and development plans and programs or their results.
- (b) Use of the information by a competitor would permit the competitor to significantly reduce its expenditures, in time or resources, to design, produce, or market a similar product or service.
- (c) The information includes test data or analytical techniques concerning a process, methodology, or component, the application of which results in a competitive advantage for AREVA NP.
- (d) The information reveals certain distinguishing aspects of a process, methodology, or component, the exclusive use of which provides a competitive advantage for AREVA NP in product optimization or marketability.
- (e) The information is vital to a competitive advantage held by AREVA NP, would be helpful to competitors to AREVA NP, and would likely cause substantial harm to the competitive position of AREVA NP.

The information in the Document is considered proprietary for the reasons set forth in paragraphs 6(b) and 6(c) above.

7. In accordance with AREVA NP's policies governing the protection and control of information, proprietary information contained in this Document has been made available, on a limited basis, to others outside AREVA NP only as required and under suitable agreement providing for nondisclosure and limited use of the information.

8. AREVA NP policy requires that proprietary information be kept in a secured file or area and distributed on a need-to-know basis.

9. The foregoing statements are true and correct to the best of my knowledge, information, and belief.

Sandra M. Hoar

SUBSCRIBED before me this 23rd
day of March, 2010.

Kathleen A. Bennett

Kathleen A. Bennett
NOTARY PUBLIC, COMMONWEALTH OF VIRGINIA
MY COMMISSION EXPIRES: 8/31/2011

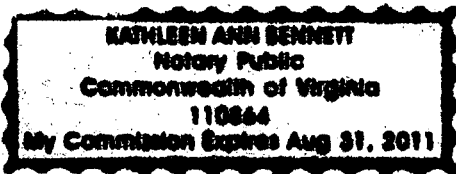




TABLE 1: LISTING OF PRIMARY DATA EPR: ROOM VOLUMES

No.	Room KKS	Description	Hfloor [m]	Hcell [m]	Vgeom [m3]	Vfree [m3]
1	UJA04-002	spreading area				
2	UJA04-003	IRWST				
3	UJA04-004	KT sump				
4	UJA04-005	compartment for flooding device				
5	UJA04-006	compartment for flooding device				
6	UJA04-012	elevator				
7	UJA07-012	elevator				
8	UJA07-013	access				
9	UJA07-014	JND-JNG-JMQ piping penetrations (SAB 1/2)				
10	UJA07-015	JND-JNG-JMQ piping penetrations (SAB 3/4)				
11	UJA07-016	hot penetrations (FB)				
12	UJA07-017	venting area (spreading compartment)				
13	UJA07-018	LCQ heat exchanger				
14	UJA07-019	KT sump				
15	UJA07-020	KTC floor drain 1				
16	UJA07-021	KTA heat exchanger				
17	UJA07-022	KTA pumps				
18	UJA07-023	KTD floor drain 2				
19	UJA07-024	KTA KTB tanks				
20	UJA07-026	KBA cooler				
21	UJA07-027	KBA cooler				
22	UJA07-028	KBA valves				
23	UJA07-029	KBA valves				
24	UJA11-001	reactor pressure vessel pit				
25	UJA11-002	reactor coolant pump loop1				
26	UJA11-003	steam generator loop1				
27	UJA11-004	steam generator loop2				
28	UJA11-005	reactor coolant pump loop2				
29	UJA11-006	reactor coolant pump loop3				
30	UJA11-007	steam generator loop3				



No.	Room KKS	Description	Hfloor [m]	Hceil [m]	Vgeom [m3]	Vfree [m3]
31	UJA11-008	steam generator loop4				
32	UJA11-009	reactor coolant pump loop4				
33	UJA11-010	staircase (south)				
34	UJA11-012	elevator				
35	UJA11-013	annular space loop1 (180deg-270deg)				
36	UJA11-014	annular space loop2 (270deg-0deg)				
37	UJA11-015	annular space loop3 (0deg-90deg)				
38	UJA11-016	annular space loop4 (90deg-180deg)				
39	UJA11-018	LCQ flash tank				
40	UJA11-019	JEG pressurizer relief tank				
41	UJA11-020	anteroom personal airlock				
42	UJA11-021	FAL valves				
43	UJA11-022	KBA valves				
44	UJA11-023	KBA valves				
45	UJA11-024	KBA regenerative heat exchanger				
46	UJA11-025	JND-JNG valves loop1				
47	UJA11-026	JND-JNG valves loop2				
48	UJA11-027	JND-JNG valves loop3				
49	UJA11-028	JND-JNG valves loop4				
50	UJA11-031	access loops 1 and 2				
51	UJA11-032	access loops 3 and 4				
52	UJA15-001	reactor cavity				
53	UJA15-002	reactor coolant pump loop1				
54	UJA15-003	steam generator loop1				
55	UJA15-004	steam generator loop2				
56	UJA15-005	reactor coolant pump loop2				
57	UJA15-006	reactor coolant pump loop3				
58	UJA15-007	steam generator loop3				
59	UJA15-008	steam generator loop4				
60	UJA15-009	reactor coolant pump loop4				
61	UJA15-010	staircase (south)				
62	UJA15-011	staircase (north)				
63	UJA15-012	elevator				
64	UJA15-013	annular space accumulator tank loop1 (180deg-270de				
65	UJA15-014	annular space accumulator tank loop2 (270deg-0deg)				
66	UJA15-015	annular space accumulator tank loop3 (0deg-90deg)				
67	UJA15-016	annular space accumulator tank loop4 (90deg-180deg)				
68	UJA15-017	core internals storage				
69	UJA15-018	spray lines				
70	UJA15-019	surge line				



No.	Room	KKS	Description	Hfloor [m]	Hceil [m]	Vgeom [m3]	Vfree [m3]
71	UJA15-020		transfert tube access				
72	UJA15-021		transfert compartment				
73	UJA15-023		instrumentation lance storage				
74	UJA15-024		access to reactor cavity				
75	UJA15-025		FAL valves				
76	UJA18-002		reactor coolant pump loop1				
77	UJA18-003		steam generator loop1				
78	UJA18-004		steam generator loop2				
79	UJA18-005		reactor coolant pump loop2				
80	UJA18-006		reactor coolant pump loop3				
81	UJA18-007		steam generator loop3				
82	UJA18-008		steam generator loop4				
83	UJA18-009		reactor coolant pump loop4				
84	UJA18-010		staircase (south)				
85	UJA18-011		staircase (north)				
86	UJA18-012		elevator				
87	UJA18-013		annular space accumulator tank loop1 (180deg-270de				
88	UJA18-014		annular space accumulator tank loop2 (270deg-0deg)				
89	UJA18-015		annular space accumulator tank loop3 (0deg-90deg)				
90	UJA18-016		annular space accumulator tank loop4 (90deg-180deg)				
91	UJA18-018		spray valves				
92	UJA18-019		surge line				
93	UJA23-002		reactor coolant pump loop1				
94	UJA23-003		steam generator loop1				
95	UJA23-004		steam generator loop2				
96	UJA23-005		reactor coolant pump loop2				
97	UJA23-006		reactor coolant pump loop3				
98	UJA23-007		steam generator loop3				
99	UJA23-008		steam generator loop4				
100	UJA23-009		reactor coolant pump loop4				
101	UJA23-010		staircase (south)				
102	UJA23-011		staircase (north)				
103	UJA23-012		elevator				
104	UJA23-013		annular space accumulator tank loop1 (180deg-270de				
105	UJA23-014		annular space accumulator tank loop2 (270deg-0deg)				
106	UJA23-015		annular space accumulator tank loop3 (0deg-90deg)				
107	UJA23-016		annular space accumulator tank loop4 (90deg-180deg)				
108	UJA23-017		KLA 6				
109	UJA23-018		KLA 6				
110	UJA23-019		pressurizer				



No.	Room	KKS	Description	Hfloor [m]	Hceil [m]	Vgeom [m3]	Vfree [m3]
111	UJA23	-020	FAL valves				
112	UJA23	-031	FAL skimming pump				
113	UJA23	-041	instrumentation mesuring table				
114	UJA23	-042	instrumentation mesuring cabinets				
115	UJA29	-003	steam generator loop1				
116	UJA29	-004	steam generator loop2				
117	UJA29	-005	reactor coolant pump loop2				
118	UJA29	-006	reactor coolant pump loop3				
119	UJA29	-007	steam generator loop3				
120	UJA29	-008	steam generator loop4				
121	UJA29	-011	staircase (north)				
122	UJA29	-012	elevator				
123	UJA29	-013	set down area operating floor				
124	UJA29	-014	annular space (240deg-0deg)				
125	UJA29	-015	annular space (0deg-120deg)				
126	UJA29	-016	access area (equipment hatch)				
127	UJA29	-018	operating floor access				
128	UJA29	-019	pressurizer				
129	UJA29	-022	KLA equipment				
130	UJA29	-023	anteroom emergency airlock				
131	UJA34	-003	steam generator loop1				
132	UJA34	-004	steam generator loop2				
133	UJA34	-005	reactor coolant pump loop2				
134	UJA34	-006	reactor coolant pump loop3				
135	UJA34	-007	steam generator loop3				
136	UJA34	-008	steam generator loop4				
137	UJA34	-011	staircase (north)				
138	UJA34	-012	elevator				
139	UJA34	-014	annular space (240deg-0deg)				
140	UJA34	-015	annular space (0deg-120deg)				
141	UJA34	-018	RPV closure head storage area				
142	UJA34	-019	pressurizer heat safety relief valves				
143	UJA34	-022	KLA equipment				
144	UJA34	-104	SG loop1+2, above rupt. disks and dampers				
145	UJA34	-108	SG loop3+4, above rupt. disks and dampers				
146	UJA40	-001	dome				
147	UJANNULUS		annulus				
148	UJAGROUND		ground				



TABLE 2: LISTING OF PRIMARY EPR DATA: CONNECTIONS

No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst. Pressure [mbar]
1	UJA04-002	UJA07-017	free opening				
2	UJA04-002	UJA11-001	channel				
3	UJA04-003	UJA07-014	door				
4	UJA04-003	UJA07-014	flaps				
5	UJA04-003	UJA07-014	flaps				
6	UJA04-003	UJA07-014	flaps				
7	UJA04-003	UJA07-014	flaps				
8	UJA04-003	UJA07-015	door				
9	UJA04-003	UJA07-015	flaps				
10	UJA04-003	UJA07-015	flaps				
11	UJA04-003	UJA07-015	flaps				
12	UJA04-003	UJA07-015	flaps				
13	UJA04-003	UJA07-020	free opening				
14	UJA04-003	UJA07-022	free opening				
15	UJA04-003	UJA07-023	free opening				
16	UJA04-003	UJA07-024	free opening				
17	UJA04-003	UJA11-002	free opening				
18	UJA04-003	UJA11-005	free opening				
19	UJA04-003	UJA11-006	free opening				
20	UJA04-003	UJA11-009	free opening				
21	UJA04-004	UJA07-019	free opening				
22	UJA04-012	UJA07-012	free opening				
23	UJA07-012	UJA07-013	gap elevator door				
24	UJA07-012	UJA11-012	free opening				
25	UJA07-013	UJA11-020	free opening				
26	UJA07-013	UJA11-020	grating opening				
27	UJA07-014	UJA07-013	door				
28	UJA07-014	UJA07-016	free opening				
29	UJA07-014	UJA11-013	grating opening				
30	UJA07-014	UJA11-013	grating opening				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
31	UJA07-014	UJA11-014	grating opening				
32	UJA07-015	UJA07-013	door				
33	UJA07-015	UJA11-015	grating opening				
34	UJA07-015	UJA11-016	grating opening				
35	UJA07-016	UJA07-015	free opening				
36	UJA07-016	UJA11-013	free opening				
37	UJA07-016	UJA11-016	grating opening				
38	UJA07-017	UJA07-020	door				
39	UJA07-017	UJA11-009	free opening				
40	UJA07-018	UJA07-015	door				
41	UJA07-018	UJA11-018	grating opening				
42	UJA07-019	UJA07-018	door				
43	UJA07-020	UJA07-023	free opening				
44	UJA07-021	UJA07-016	door				
45	UJA07-022	UJA07-016	door				
46	UJA07-023	UJA07-016	door				
47	UJA07-024	UJA07-020	free opening				
48	UJA07-024	UJA07-022	free opening				
49	UJA07-026	UJA07-023	door				
50	UJA07-027	UJA07-022	door				
51	UJA07-027	UJA07-028	door				
52	UJA07-028	UJA07-024	door				
53	UJA07-029	UJA07-028	free opening				
54	UJA11-002	UJA11-003	free opening				
55	UJA11-002	UJA11-022	door				
56	UJA11-002	UJA15-002	grating opening				
57	UJA11-003	UJA11-004	free opening				
58	UJA11-003	UJA15-003	grating opening				
59	UJA11-003	UJA11-014	closed due to 2RC				
60	UJA11-004	UJA11-005	free opening				
61	UJA11-004	UJA11-031	door				
62	UJA11-004	UJA15-004	grating opening				
63	UJA11-004	UJA15-014	closed due to 2RC				
64	UJA11-005	UJA15-005	grating opening				
65	UJA11-006	UJA11-007	free opening				
66	UJA11-006	UJA15-006	grating opening				
67	UJA11-007	UJA11-008	free opening				
68	UJA11-007	UJA11-032	door				
69	UJA11-007	UJA15-007	free opening				
70	UJA11-007	UJA15-015	closed due to 2RC				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
71	UJA11-008	UJA11-009	free opening				
72	UJA11-008	UJA15-008	grating opening				
73	UJA11-008	UJA15-015	closed due to 2RC				
74	UJA11-009	UJA11-002	free opening				
75	UJA11-009	UJA15-009	grating opening				
76	UJA11-010	UJA15-010	free opening				
77	UJA11-012	UJA11-020	gap elevator door				
78	UJA11-012	UJA15-012	free opening				
79	UJA11-013	UJA11-010	door				
80	UJA11-013	UJA11-016	free opening				
81	UJA11-013	UJA15-013	grating opening				
82	UJA11-014	UJA11-013	free opening				
83	UJA11-014	UJA11-020	door				
84	UJA11-014	UJA15-014	grating opening				
85	UJA11-015	UJA11-016	free opening				
86	UJA11-015	UJA11-020	door				
87	UJA11-015	UJA15-015	grating opening				
88	UJA11-016	UJA15-016	grating opening				
89	UJA11-018	UJA11-014	door				
90	UJA11-018	UJA11-015	door				
91	UJA11-019	UJA11-018	free opening				
92	UJA11-019	UJA15-018	grating opening				
93	UJA11-019	UJA15-019	grating opening				
94	UJA11-020	UJA15-011	free opening				
95	UJA11-021	UJA11-013	free opening				
96	UJA11-022	UJA11-023	free opening				
97	UJA11-023	UJA11-016	door				
98	UJA11-024	UJA11-023	door				
99	UJA11-031	UJA11-014	door				
100	UJA11-031	UJA11-025	free opening				
101	UJA11-031	UJA11-026	free opening				
102	UJA11-032	UJA11-015	door				
103	UJA11-032	UJA11-027	free opening				
104	UJA11-032	UJA11-028	free opening				
105	UJA15-001	UJA23-004	free opening				
106	UJA15-001	UJA23-008	free opening				
107	UJA11-001	UJA15-002	free opening				
108	UJA11-001	UJA15-003	free opening				
109	UJA11-001	UJA15-004	free opening				
110	UJA11-001	UJA15-005	free opening				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
111	UJA11-001	UJA15-006	free opening				
112	UJA11-001	UJA15-007	free opening				
113	UJA11-001	UJA15-008	free opening				
114	UJA11-001	UJA15-009	free opening				
115	UJA15-001	UJA15-017	free opening				
116	UJA15-002	UJA15-025	door				
117	UJA15-002	UJA18-002	grating opening				
118	UJA15-003	UJA15-013	door				
119	UJA15-003	UJA18-003	grating opening				
120	UJA15-004	UJA15-014	door				
121	UJA15-004	UJA18-004	grating opening				
122	UJA15-005	UJA15-014	door				
123	UJA15-005	UJA18-005	grating opening				
124	UJA15-006	UJA15-015	door				
125	UJA15-006	UJA18-006	grating opening				
126	UJA15-007	UJA15-015	door				
127	UJA15-007	UJA18-007	grating opening				
128	UJA15-008	UJA15-016	door				
129	UJA15-008	UJA18-008	grating opening				
130	UJA15-009	UJA15-016	door				
131	UJA15-009	UJA18-009	grating opening				
132	UJA15-010	UJA18-010	free opening				
133	UJA15-011	UJA18-011	free opening				
134	UJA15-012	UJA15-014	gap elevator door				
135	UJA15-012	UJA18-012	free opening				
136	UJA15-013	UJA15-010	door				
137	UJA15-013	UJA15-014	free opening				
138	UJA15-013	UJA18-013	grating opening				
139	UJA15-014	UJA15-011	door				
140	UJA15-014	UJA15-011	door				
141	UJA15-014	UJA15-015	free opening				
142	UJA15-014	UJA18-014	grating opening				
143	UJA15-015	UJA15-016	free opening				
144	UJA15-015	UJA18-015	grating opening				
145	UJA15-016	UJA18-016	grating opening				
146	UJA15-018	UJA15-019	free opening				
147	UJA15-018	UJA18-018	free opening				
148	UJA15-019	UJA18-019	free opening				
149	UJA15-020	UJA15-013	door				
150	UJA15-020	UJA15-021	door				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst. Pressure [mbar]
151	UJA15-021	UJA29-016	free opening				
152	UJA15-023	UJA29-013	free opening				
153	UJA15-024	UJA15-001	door				
154	UJA15-024	UJA15-018	door				
155	UJA15-025	UJA15-013	door				
156	UJA18-002	UJA18-003	free opening				
157	UJA18-002	UJA18-003	free opening				
158	UJA18-002	UJA18-010	door				
159	UJA18-002	UJA23-002	grating opening				
160	UJA18-003	UJA18-004	free opening				
161	UJA18-003	UJA23-003	grating opening				
162	UJA18-004	UJA18-005	free opening				
163	UJA18-004	UJA18-005	free opening				
164	UJA18-004	UJA18-014	door				
165	UJA18-004	UJA23-004	grating opening				
166	UJA18-005	UJA18-014	door				
167	UJA18-005	UJA23-005	grating opening				
168	UJA18-006	UJA18-015	door				
169	UJA18-006	UJA23-006	grating opening				
170	UJA18-007	UJA18-006	free opening				
171	UJA18-007	UJA18-006	free opening				
172	UJA18-007	UJA18-015	door				
173	UJA18-007	UJA23-007	grating opening				
174	UJA18-008	UJA18-007	free opening				
175	UJA18-008	UJA23-008	grating opening				
176	UJA18-009	UJA18-008	free opening				
177	UJA18-009	UJA18-008	free opening				
178	UJA18-009	UJA18-016	door				
179	UJA18-009	UJA23-009	grating opening				
180	UJA18-010	UJA23-010	free opening				
181	UJA18-011	UJA23-011	free opening				
182	UJA18-012	UJA18-014	door				
183	UJA18-012	UJA23-012	free opening				
184	UJA18-013	UJA18-010	door				
185	UJA18-013	UJA18-014	free opening				
186	UJA18-013	UJA18-016	free opening				
187	UJA18-013	UJA23-013	grating opening				
188	UJA18-014	UJA18-011	door				
189	UJA18-014	UJA18-015	free opening				
190	UJA18-014	UJA23-014	grating opening				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
191	UJA18-015	UJA18-016	free opening				
192	UJA18-015	UJA23-015	grating opening				
193	UJA18-016	UJA23-016	grating opening				
194	UJA18-018	UJA18-014	door				
195	UJA18-018	UJA18-019	free opening				
196	UJA18-019	UJA23-019	free opening				
197	UJA18-019	UJA23-019	grating opening				
198	UJA23-002	UJA23-003	free opening				
199	UJA23-002	UJA23-003	free opening				
200	UJA23-002	UJA23-020	free opening				
201	UJA23-003	UJA23-004	free opening				
202	UJA23-003	UJA29-003	grating opening				
203	UJA23-004	UJA23-005	free opening				
204	UJA23-004	UJA23-005	free opening				
205	UJA23-004	UJA29-004	grating opening				
206	UJA23-005	UJA23-014	door				
207	UJA23-005	UJA29-005	free opening				
208	UJA23-006	UJA23-007	free opening				
209	UJA23-006	UJA23-007	free opening				
210	UJA23-006	UJA23-015	door				
211	UJA23-006	UJA29-006	free opening				
212	UJA23-007	UJA29-007	grating opening				
213	UJA23-008	UJA23-007	free opening				
214	UJA23-008	UJA29-008	grating opening				
215	UJA23-009	UJA23-008	free opening				
216	UJA23-009	UJA23-008	free opening				
217	UJA23-009	UJA23-031	free opening				
218	UJA23-010	UJA29-023	free opening				
219	UJA23-011	UJA29-011	free opening				
220	UJA23-012	UJA23-014	door				
221	UJA23-012	UJA29-012	free opening				
222	UJA23-013	UJA23-010	door				
223	UJA23-013	UJA23-014	free opening				
224	UJA23-013	UJA29-013	grating opening				
225	UJA23-014	UJA23-015	free opening				
226	UJA23-014	UJA29-014	grating opening				
227	UJA23-015	UJA23-011	door				
228	UJA23-015	UJA29-015	grating opening				
229	UJA23-015	UJA23-016	free opening				
230	UJA23-016	UJA23-013	free opening				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
231	UJA23-016	UJA29-016	grating opening				
232	UJA23-017	UJA23-013	door				
233	UJA23-017	UJA23-013	door				
234	UJA23-017	UJA23-014	door				
235	UJA23-018	UJA23-015	door				
236	UJA23-018	UJA23-016	door				
237	UJA23-018	UJA23-016	door				
238	UJA23-019	UJA29-019	grating opening				
239	UJA23-019	UJA23-042	door				
240	UJA23-020	UJA23-013	door				
241	UJA23-031	UJA23-016	door				
242	UJA23-041	UJA23-042	door				
243	UJA23-042	UJA23-014	free opening				
244	UJA29-003	UJA29-004	free opening				
245	UJA29-003	UJA34-003	grating opening				
246	UJA29-004	UJA29-005	free opening				
247	UJA29-004	UJA34-004	grating opening				
248	UJA29-005	UJA29-018	door				
249	UJA29-005	UJA34-005	free opening				
250	UJA29-005	UJA29-019	concrete duct				
251	UJA29-006	UJA29-015	door				
252	UJA29-006	UJA34-006	free opening				
253	UJA29-007	UJA29-006	free opening				
254	UJA29-007	UJA34-007	grating opening				
255	UJA29-008	UJA29-007	free opening				
256	UJA29-008	UJA34-008	grating opening				
257	UJA29-011	UJA34-011	free opening				
258	UJA29-012	UJA29-014	door				
259	UJA29-012	UJA34-012	free opening				
260	UJA29-013	UJA29-023	door				
261	UJA29-013	UJA34-014	grating opening				
262	UJA29-013	UJA34-014	free opening				
263	UJA29-013	UJA40-001	free opening				
264	UJA29-016	UJA40-001	free opening				
265	UJA29-013	UJA29-016	free opening				
266	UJA29-014	UJA29-011	door				
267	UJA29-014	UJA29-015	free opening				
268	UJA29-014	UJA29-018	free opening				
269	UJA29-014	UJA29-023	door				
270	UJA29-014	UJA34-014	grating opening				



No.	from Room No	to Room No.	Type Name	Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
271	UJA29-015	UJA34-015	grating opening				
272	UJA29-016	UJA34-015	grating opening				
273	UJA29-015	UJA29-016	free opening				
274	UJA29-016	UJA34-015	free opening				
275	UJA29-018	UJA29-013	free opening				
276	UJA29-019	UJA29-015	door				
277	UJA29-019	UJA34-019	grating opening				
278	UJA29-022	UJA29-015	door				
279	UJA29-022	UJA34-022	grating opening				
280	UJA34-003	UJA34-004	free opening				
281	UJA34-003	UJA34-104	rupt. disks SG1				
282	UJA34-003	UJA34-104	dampers SG1				
283	UJA23-002	UJA23-017	KLA 6				
284	UJA34-004	UJA34-005	free opening				
285	UJA34-004	UJA34-104	rupt. disks SG2				
286	UJA34-004	UJA34-104	dampers SG2				
287	UJA34-005	UJA34-018	door				
288	UJA34-006	UJA34-015	door				
289	UJA34-006	UJA34-019	free opening				
290	UJA34-007	UJA34-006	free opening				
291	UJA34-007	UJA34-008	free opening				
292	UJA34-007	UJA34-108	rupt. disks SG3				
293	UJA34-007	UJA34-108	dampers SG3				
294	UJA34-008	UJA34-108	rupt. disks SG4				
295	UJA34-008	UJA34-108	dampers SG4				
296	UJA34-011	UJA34-015	door				
297	UJA34-012	UJA34-014	door				
298	UJA34-014	UJA34-015	free opening				
299	UJA34-014	UJA34-018	free opening				
300	UJA34-014	UJA40-001	free opening				
301	UJA34-014	UJA34-011	door				
302	UJA34-015	UJA40-001	free opening				
303	UJA34-018	UJA40-001	free opening				
304	UJA34-019	UJA34-015	door				
305	UJA34-022	UJA34-015	door				
306	UJA23-008	UJA23-018	KLA 6				
307	UJA07-027	UJA07-028	door				
308	UJA11-002	UJA11-022	door				
309	UJA34-104	UJA40-001	free opening				
310	UJA34-108	UJA40-001	free opening				



No. from Room No to Room No. Type Name

311	UJA04-005	UJA07-022	free opening
312	UJA04-006	UJA07-023	free opening
313	UJA11-004	UJA23-017	free opening
314	UJA11-007	UJA23-018	free opening

Height [m]	Height [m]	Area [m2]	Burst.Pressure [mbar]
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TABLE 3: LISTING OF PRIMARY DATA EPR : WALLS

No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
1	UJA04-002	UJA04-003	WALL	CONCRETE				
2	UJA04-002	UJA04-003	WALL	CONCRETE				
3	UJA04-002	UJA04-005	WALL	CONCRETE				
4	UJA04-002	UJA04-006	WALL	CONCRETE				
5	UJA04-002	UJA07-020	FLOOR	CONCRETE				
6	UJA04-002	UJA07-021	FLOOR	CONCRETE				
7	UJA04-002	UJA07-022	FLOOR	CONCRETE				
8	UJA04-002	UJA07-023	FLOOR	CONCRETE				
9	UJA04-002	UJA07-024	FLOOR	CONCRETE				
10	UJA04-002	UJA07-026	FLOOR	CONCRETE				
11	UJA04-002	UJA07-027	FLOOR	CONCRETE				
12	UJA04-002	UJA07-028	FLOOR	CONCRETE				
13	UJA04-002	UJA07-029	FLOOR	CONCRETE				
14	UJA04-003	UJA04-004	WALL	CONCRETE				
15	UJA04-003	UJA04-005	WALL	CONCRETE				
16	UJA04-003	UJA04-006	WALL	CONCRETE				
17	UJA04-003	UJA04-012	WALL	CONCRETE				
18	UJA04-003	UJA07-014	WALL	CONCRETE				
19	UJA04-003	UJA07-014	WALL	CONCRETE				
20	UJA04-003	UJA07-016	WALL	CONCRETE				
21	UJA04-003	UJA07-018	FLOOR	CONCRETE				
22	UJA04-003	UJA07-020	FLOOR	CONCRETE				
23	UJA04-003	UJA07-022	FLOOR	CONCRETE				
24	UJA04-003	UJA07-023	FLOOR	CONCRETE				
25	UJA04-003	UJA07-024	FLOOR	CONCRETE				
26	UJA04-005	UJA07-022	FLOOR	CONCRETE				
27	UJA04-006	UJA07-023	FLOOR	CONCRETE				
28	UJA07-012	UJA07-013	WALL	CONCRETE				
29	UJA07-012	UJA07-014	WALL	CONCRETE				
30	UJA07-012	UJA07-018	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
31	UJA07-013	UJA07-014	WALL	CONCRETE				
32	UJA07-013	UJA07-015	WALL	CONCRETE				
33	UJA07-013	UJA07-018	WALL	CONCRETE				
34	UJA07-013	UJA11-020	FLOOR	CONCRETE				
35	UJA07-013	UJANNULUS	WALL	LINER				
36	UJA07-014	UJA07-016	WALL	CONCRETE				
37	UJA07-014	UJA07-018	WALL	CONCRETE				
38	UJA07-014	UJA11-013	FLOOR	CONCRETE				
39	UJA07-014	UJA11-014	FLOOR	CONCRETE				
40	UJA07-014	UJA11-025	FLOOR	CONCRETE				
41	UJA07-014	UJA11-026	FLOOR	CONCRETE				
42	UJA07-014	UJA11-031	FLOOR	CONCRETE				
43	UJA07-014	UJANNULUS	WALL	LINER				
44	UJA07-015	UJA07-016	WALL	CONCRETE				
45	UJA07-015	UJA07-018	WALL	CONCRETE				
46	UJA07-015	UJA11-015	FLOOR	CONCRETE				
47	UJA07-015	UJA11-016	FLOOR	CONCRETE				
48	UJA07-015	UJA11-027	FLOOR	CONCRETE				
49	UJA07-015	UJA11-028	FLOOR	CONCRETE				
50	UJA07-015	UJA11-032	FLOOR	CONCRETE				
51	UJA07-015	UJANNULUS	WALL	LINER				
52	UJA07-016	UJA07-021	WALL	STEEL				
53	UJA07-016	UJANNULUS	WALL	CONCRETE				
54	UJA07-016	UJA07-022	WALL	CONCRETE				
55	UJA07-016	UJA07-023	WALL	CONCRETE				
56	UJA07-016	UJA07-026	WALL	CONCRETE				
57	UJA07-016	UJA07-027	WALL	CONCRETE				
58	UJA07-016	UJA07-028	WALL	CONCRETE				
59	UJA07-016	UJA07-029	WALL	CONCRETE				
60	UJA07-016	UJA11-010	FLOOR	CONCRETE				
61	UJA07-016	UJA11-013	FLOOR	CONCRETE				
62	UJA07-016	UJA11-016	FLOOR	CONCRETE				
63	UJA07-016	UJA11-021	FLOOR	CONCRETE				
64	UJA07-016	UJA11-024	FLOOR	CONCRETE				
65	UJA07-017	UJA07-020	WALL	CONCRETE				
66	UJA07-017	UJA07-026	WALL	CONCRETE				
67	UJA07-017	UJA07-028	WALL	CONCRETE				
68	UJA07-017	UJA07-029	WALL	CONCRETE				
69	UJA07-017	UJA11-009	WALL	CONCRETE				
70	UJA07-017	UJA11-009	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
71	UJA07-017	UJA11-022	WALL	CONCRETE				
72	UJA07-017	UJA11-023	WALL	CONCRETE				
73	UJA07-017	UJA11-024	WALL	CONCRETE				
74	UJA07-018	UJA07-019	WALL	CONCRETE				
75	UJA07-018	UJA11-018	FLOOR	CONCRETE				
76	UJA07-018	UJA11-019	FLOOR	CONCRETE				
77	UJA07-019	UJA11-001	WALL	CONCRETE				
78	UJA07-019	UJA11-018	FLOOR	CONCRETE				
79	UJA07-020	UJA07-023	WALL	CONCRETE				
80	UJA07-020	UJA07-024	WALL	CONCRETE				
81	UJA07-020	UJA07-026	WALL	CONCRETE				
82	UJA07-020	UJA11-001	WALL	CONCRETE				
83	UJA07-020	UJA11-009	FLOOR	CONCRETE				
84	UJA07-021	UJA07-022	WALL	CONCRETE				
85	UJA07-021	UJA07-024	WALL	CONCRETE				
86	UJA07-021	UJA07-027	WALL	CONCRETE				
87	UJA07-021	UJA11-021	FLOOR	CONCRETE				
88	UJA07-022	UJA07-024	WALL	CONCRETE				
89	UJA07-022	UJA11-002	FLOOR	CONCRETE				
90	UJA07-022	UJA11-010	FLOOR	CONCRETE				
91	UJA07-023	UJA07-026	WALL	CONCRETE				
92	UJA07-023	UJA11-009	FLOOR	CONCRETE				
93	UJA07-023	UJA11-016	FLOOR	CONCRETE				
94	UJA07-023	UJA11-024	FLOOR	CONCRETE				
95	UJA07-024	UJA07-027	WALL	CONCRETE				
96	UJA07-024	UJA11-001	WALL	CONCRETE				
97	UJA07-024	UJA11-002	FLOOR	CONCRETE				
98	UJA07-024	UJA11-022	FLOOR	CONCRETE				
99	UJA07-026	UJA07-029	WALL	CONCRETE				
100	UJA07-026	UJA11-009	FLOOR	CONCRETE				
101	UJA07-026	UJA11-016	FLOOR	CONCRETE				
102	UJA07-026	UJA11-024	FLOOR	CONCRETE				
103	UJA07-027	UJA07-028	WALL	CONCRETE				
104	UJA07-027	UJA11-022	FLOOR	CONCRETE				
105	UJA07-027	UJA11-023	FLOOR	CONCRETE				
106	UJA07-028	UJA07-029	WALL	CONCRETE				
107	UJA07-028	UJA11-022	FLOOR	CONCRETE				
108	UJA07-028	UJA11-023	FLOOR	CONCRETE				
109	UJA07-029	UJA11-023	FLOOR	CONCRETE				
110	UJA07-029	UJA11-024	FLOOR	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
111	UJA11-001	UJA11-002	WALL	CONCRETE				
112	UJA11-001	UJA11-002	WALL	CONCRETE				
113	UJA11-001	UJA11-003	WALL	CONCRETE				
114	UJA11-001	UJA11-003	WALL	CONCRETE				
115	UJA11-001	UJA11-004	WALL	CONCRETE				
116	UJA11-001	UJA11-004	WALL	CONCRETE				
117	UJA11-001	UJA11-005	WALL	CONCRETE				
118	UJA11-001	UJA11-005	WALL	CONCRETE				
119	UJA11-001	UJA11-006	WALL	CONCRETE				
120	UJA11-001	UJA11-006	WALL	CONCRETE				
121	UJA11-001	UJA11-007	WALL	CONCRETE				
122	UJA11-001	UJA11-007	WALL	CONCRETE				
123	UJA11-001	UJA11-008	WALL	CONCRETE				
124	UJA11-001	UJA11-008	WALL	CONCRETE				
125	UJA11-001	UJA11-009	WALL	CONCRETE				
126	UJA11-001	UJA11-009	WALL	CONCRETE				
127	UJA11-001	UJA11-018	WALL	CONCRETE				
128	UJA11-001	UJA11-018	WALL	CONCRETE				
129	UJA11-001	UJA15-001	FLOOR	CONCRETE				
130	UJA11-002	UJA11-009	WALL	CONCRETE				
131	UJA11-002	UJA11-010	WALL	CONCRETE				
132	UJA11-002	UJA11-013	WALL	CONCRETE				
133	UJA11-002	UJA11-021	WALL	CONCRETE				
134	UJA11-002	UJA11-022	WALL	CONCRETE				
135	UJA11-002	UJA11-022	WALL	CONCRETE				
136	UJA11-002	UJA15-017	FLOOR	CONCRETE				
137	UJA11-003	UJA11-025	WALL	CONCRETE				
138	UJA11-003	UJA11-031	WALL	CONCRETE				
139	UJA11-004	UJA11-026	WALL	CONCRETE				
140	UJA11-004	UJA11-031	WALL	CONCRETE				
141	UJA11-005	UJA11-014	WALL	CONCRETE				
142	UJA11-005	UJA11-018	WALL	CONCRETE				
143	UJA11-005	UJA15-024	FLOOR	CONCRETE				
144	UJA11-006	UJA11-015	WALL	CONCRETE				
145	UJA11-006	UJA11-018	WALL	CONCRETE				
146	UJA11-006	UJA15-019	FLOOR	CONCRETE				
147	UJA11-007	UJA11-027	WALL	CONCRETE				
148	UJA11-007	UJA11-032	WALL	CONCRETE				
149	UJA11-008	UJA11-028	WALL	CONCRETE				
150	UJA11-008	UJA11-032	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
151	UJA11-009	UJA11-016	WALL	CONCRETE				
152	UJA11-009	UJA11-022	WALL	CONCRETE				
153	UJA11-009	UJA11-024	WALL	CONCRETE				
154	UJA11-009	UJA15-017	FLOOR	CONCRETE				
155	UJA11-010	UJA11-013	WALL	CONCRETE				
156	UJA11-010	UJA11-013	WALL	CONCRETE				
157	UJA11-010	UJA11-021	WALL	CONCRETE				
158	UJA11-012	UJA11-014	WALL	CONCRETE				
159	UJA11-012	UJA11-018	WALL	CONCRETE				
160	UJA11-012	UJA11-019	WALL	CONCRETE				
161	UJA11-012	UJA11-020	WALL	CONCRETE				
162	UJA11-013	UJA11-021	WALL	CONCRETE				
163	UJA11-013	UJA11-023	WALL	CONCRETE				
164	UJA11-013	UJA11-025	WALL	CONCRETE				
165	UJA11-013	UJA11-031	WALL	CONCRETE				
166	UJA11-013	UJA15-013	FLOOR	CONCRETE				
167	UJA11-013	UJA15-020	FLOOR	CONCRETE				
168	UJA11-013	UJA15-025	FLOOR	CONCRETE				
169	UJA11-013	UJANNULUS	WALL	LINER				
170	UJA11-014	UJA11-018	WALL	CONCRETE				
171	UJA11-014	UJA11-020	WALL	CONCRETE				
172	UJA11-014	UJA11-026	WALL	CONCRETE				
173	UJA11-014	UJA11-031	WALL	CONCRETE				
174	UJA11-014	UJA15-014	FLOOR	CONCRETE				
175	UJA11-014	UJANNULUS	WALL	LINER				
176	UJA11-015	UJA11-018	WALL	CONCRETE				
177	UJA11-015	UJA11-020	WALL	CONCRETE				
178	UJA11-015	UJA11-027	WALL	CONCRETE				
179	UJA11-015	UJA11-032	WALL	CONCRETE				
180	UJA11-015	UJA15-015	FLOOR	CONCRETE				
181	UJA11-015	UJANNULUS	WALL	LINER				
182	UJA11-016	UJA11-023	WALL	CONCRETE				
183	UJA11-016	UJA11-023	WALL	CONCRETE				
184	UJA11-016	UJA11-024	WALL	CONCRETE				
185	UJA11-016	UJA11-024	WALL	STEEL				
186	UJA11-016	UJA11-028	WALL	CONCRETE				
187	UJA11-016	UJA11-032	WALL	CONCRETE				
188	UJA11-016	UJA15-016	FLOOR	CONCRETE				
189	UJA11-016	UJA15-016	FLOOR	CONCRETE				
190	UJA11-016	UJA15-020	FLOOR	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
191	UJA11-016	UJA15-021	FLOOR	CONCRETE				
192	UJA11-016	UJANNULUS	WALL	LINER				
193	UJA11-018	UJA11-019	WALL	CONCRETE				
194	UJA11-018	UJA15-018	FLOOR	CONCRETE				
195	UJA11-018	UJA15-019	FLOOR	CONCRETE				
196	UJA11-018	UJA15-024	FLOOR	CONCRETE				
197	UJA11-019	UJA11-020	WALL	CONCRETE				
198	UJA11-019	UJA15-018	FLOOR	CONCRETE				
199	UJA11-019	UJA15-019	FLOOR	CONCRETE				
200	UJA11-020	UJA15-011	FLOOR	CONCRETE				
201	UJA11-020	UJA15-014	FLOOR	CONCRETE				
202	UJA11-020	UJA15-015	FLOOR	CONCRETE				
203	UJA11-020	UJANNULUS	WALL	CONCRETE				
204	UJA11-021	UJA11-023	WALL	CONCRETE				
205	UJA11-021	UJA15-025	FLOOR	CONCRETE				
206	UJA11-022	UJA11-023	WALL	CONCRETE				
207	UJA11-022	UJA15-017	FLOOR	CONCRETE				
208	UJA11-023	UJA11-024	WALL	CONCRETE				
209	UJA11-023	UJA11-024	WALL	CONCRETE				
210	UJA11-023	UJA15-021	FLOOR	CONCRETE				
211	UJA11-023	UJA15-023	FLOOR	CONCRETE				
212	UJA11-024	UJA15-016	FLOOR	CONCRETE				
213	UJA11-024	UJA15-021	FLOOR	CONCRETE				
214	UJA11-025	UJA11-031	WALL	CONCRETE				
215	UJA11-025	UJA15-013	FLOOR	CONCRETE				
216	UJA11-026	UJA11-031	WALL	CONCRETE				
217	UJA11-026	UJA15-014	FLOOR	CONCRETE				
218	UJA11-027	UJA11-032	WALL	CONCRETE				
219	UJA11-027	UJA15-015	FLOOR	CONCRETE				
220	UJA11-028	UJA11-032	WALL	CONCRETE				
221	UJA11-028	UJA15-016	FLOOR	CONCRETE				
222	UJA15-001	UJA15-003	WALL	CONCRETE				
223	UJA15-001	UJA15-003	WALL	CONCRETE				
224	UJA15-001	UJA15-004	WALL	CONCRETE				
225	UJA15-001	UJA15-004	WALL	CONCRETE				
226	UJA15-001	UJA15-005	WALL	CONCRETE				
227	UJA15-001	UJA15-005	WALL	CONCRETE				
228	UJA15-001	UJA15-006	WALL	CONCRETE				
229	UJA15-001	UJA15-006	WALL	CONCRETE				
230	UJA15-001	UJA15-007	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
231	UJA15-001	UJA15-007	WALL	CONCRETE				
232	UJA15-001	UJA15-008	WALL	CONCRETE				
233	UJA15-001	UJA15-008	WALL	CONCRETE				
234	UJA15-001	UJA15-017	WALL	CONCRETE				
235	UJA15-001	UJA15-019	WALL	CONCRETE				
236	UJA15-001	UJA15-024	WALL	CONCRETE				
237	UJA15-001	UJA15-024	WALL	CONCRETE				
238	UJA15-001	UJA18-003	WALL	CONCRETE				
239	UJA15-001	UJA18-003	WALL	CONCRETE				
240	UJA15-001	UJA18-004	WALL	CONCRETE				
241	UJA15-001	UJA18-004	WALL	CONCRETE				
242	UJA15-001	UJA18-005	WALL	CONCRETE				
243	UJA15-001	UJA18-005	WALL	CONCRETE				
244	UJA15-001	UJA18-006	WALL	CONCRETE				
245	UJA15-001	UJA18-006	WALL	CONCRETE				
246	UJA15-001	UJA18-007	WALL	CONCRETE				
247	UJA15-001	UJA18-007	WALL	CONCRETE				
248	UJA15-001	UJA18-008	WALL	CONCRETE				
249	UJA15-001	UJA18-008	WALL	CONCRETE				
250	UJA15-001	UJA18-018	WALL	CONCRETE				
251	UJA15-001	UJA18-018	WALL	CONCRETE				
252	UJA15-001	UJA18-019	WALL	CONCRETE				
253	UJA15-001	UJA18-019	WALL	CONCRETE				
254	UJA15-001	UJA23-003	WALL	CONCRETE				
255	UJA15-001	UJA23-003	WALL	CONCRETE				
256	UJA15-001	UJA23-004	WALL	CONCRETE				
257	UJA15-001	UJA23-004	WALL	CONCRETE				
258	UJA15-001	UJA23-005	WALL	CONCRETE				
259	UJA15-001	UJA23-005	WALL	CONCRETE				
260	UJA15-001	UJA23-006	WALL	CONCRETE				
261	UJA15-001	UJA23-006	WALL	CONCRETE				
262	UJA15-001	UJA23-007	WALL	CONCRETE				
263	UJA15-001	UJA23-007	WALL	CONCRETE				
264	UJA15-001	UJA23-008	WALL	CONCRETE				
265	UJA15-001	UJA23-008	WALL	CONCRETE				
266	UJA15-001	UJA23-019	WALL	CONCRETE				
267	UJA15-001	UJA23-019	WALL	CONCRETE				
268	UJA15-001	UJA23-041	WALL	CONCRETE				
269	UJA15-001	UJA23-041	WALL	CONCRETE				
270	UJA15-001	UJA29-013	FLOOR	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
271	UJA15-001	UJA29-013	FLOOR	CONCRETE				
272	UJA15-001	UJA29-013	FLOOR	CONCRETE				
273	UJA15-001	UJA29-013	FLOOR	CONCRETE				
274	UJA15-001	UJA29-016	FLOOR	CONCRETE				
275	UJA15-001	UJA29-016	FLOOR	CONCRETE				
276	UJA15-001	UJA29-016	FLOOR	CONCRETE				
277	UJA15-001	UJA29-016	FLOOR	CONCRETE				
278	UJA15-001	UJA29-018	WALL	CONCRETE				
279	UJA15-002	UJA15-003	WALL	CONCRETE				
280	UJA15-002	UJA15-010	WALL	CONCRETE				
281	UJA15-002	UJA15-010	WALL	CONCRETE				
282	UJA15-002	UJA15-013	WALL	CONCRETE				
283	UJA15-002	UJA15-013	WALL	CONCRETE				
284	UJA15-002	UJA15-017	WALL	CONCRETE				
285	UJA15-002	UJA15-017	WALL	CONCRETE				
286	UJA15-002	UJA15-025	WALL	CONCRETE				
287	UJA15-002	UJA15-025	WALL	CONCRETE				
288	UJA15-003	UJA15-004	WALL	CONCRETE				
289	UJA15-003	UJA15-004	WALL	CONCRETE				
290	UJA15-003	UJA15-013	WALL	CONCRETE				
291	UJA15-003	UJA15-013	WALL	CONCRETE				
292	UJA15-004	UJA15-005	WALL	CONCRETE				
293	UJA15-004	UJA15-005	WALL	CONCRETE				
294	UJA15-004	UJA15-014	WALL	CONCRETE				
295	UJA15-004	UJA15-014	WALL	CONCRETE				
296	UJA15-005	UJA15-014	WALL	CONCRETE				
297	UJA15-005	UJA15-014	WALL	CONCRETE				
298	UJA15-005	UJA15-018	WALL	CONCRETE				
299	UJA15-005	UJA15-018	WALL	CONCRETE				
300	UJA15-005	UJA15-024	WALL	CONCRETE				
301	UJA15-005	UJA15-024	WALL	CONCRETE				
302	UJA15-006	UJA15-007	WALL	CONCRETE				
303	UJA15-006	UJA15-007	WALL	CONCRETE				
304	UJA15-006	UJA15-015	WALL	CONCRETE				
305	UJA15-006	UJA15-015	WALL	CONCRETE				
306	UJA15-006	UJA15-019	WALL	CONCRETE				
307	UJA15-006	UJA15-019	WALL	CONCRETE				
308	UJA15-007	UJA15-008	WALL	CONCRETE				
309	UJA15-007	UJA15-008	WALL	CONCRETE				
310	UJA15-007	UJA15-015	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
311	UJA15-007	UJA15-015	WALL	CONCRETE				
312	UJA15-008	UJA15-009	WALL	CONCRETE				
313	UJA15-008	UJA15-009	WALL	CONCRETE				
314	UJA15-008	UJA15-016	WALL	CONCRETE				
315	UJA15-008	UJA15-016	WALL	CONCRETE				
316	UJA15-008	UJA18-008	WALL	CONCRETE				
317	UJA15-009	UJA15-016	WALL	CONCRETE				
318	UJA15-009	UJA15-016	WALL	CONCRETE				
319	UJA15-009	UJA15-017	WALL	CONCRETE				
320	UJA15-009	UJA15-017	WALL	CONCRETE				
321	UJA15-009	UJA18-009	FLOOR	CONCRETE				
322	UJA15-010	UJA15-013	WALL	CONCRETE				
323	UJA15-010	UJA15-025	WALL	CONCRETE				
324	UJA15-010	UJA15-025	WALL	CONCRETE				
325	UJA15-011	UJA15-014	WALL	CONCRETE				
326	UJA15-011	UJA15-014	WALL	CONCRETE				
327	UJA15-011	UJA15-015	WALL	CONCRETE				
328	UJA15-011	UJA15-015	WALL	CONCRETE				
329	UJA15-011	UJA15-018	WALL	CONCRETE				
330	UJA15-011	UJA15-018	WALL	CONCRETE				
331	UJA15-011	UJA15-019	WALL	CONCRETE				
332	UJA15-011	UJA15-019	WALL	CONCRETE				
333	UJA15-012	UJA15-014	WALL	CONCRETE				
334	UJA15-012	UJA15-014	WALL	CONCRETE				
335	UJA15-012	UJA15-018	WALL	CONCRETE				
336	UJA15-012	UJA15-018	WALL	CONCRETE				
337	UJA15-013	UJA15-014	WALL	CONCRETE				
338	UJA15-013	UJA15-020	WALL	CONCRETE				
339	UJA15-013	UJA15-025	WALL	CONCRETE				
340	UJA15-013	UJA15-025	WALL	CONCRETE				
341	UJA15-013	UJA18-013	FLOOR	CONCRETE				
342	UJA15-013	UJANNULUS	WALL	LINER				
343	UJA15-014	UJA15-015	WALL	CONCRETE				
344	UJA15-014	UJA15-018	WALL	CONCRETE				
345	UJA15-014	UJA18-014	FLOOR	CONCRETE				
346	UJA15-015	UJANNULUS	WALL	LINER				
347	UJA15-015	UJA15-016	WALL	CONCRETE				
348	UJA15-015	UJA15-019	WALL	CONCRETE				
349	UJA15-015	UJA18-015	FLOOR	CONCRETE				
350	UJA15-015	UJANNULUS	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
351	UJA15-016	UJA15-021	WALL	CONCRETE				
352	UJA15-016	UJA15-021	WALL	CONCRETE				
353	UJA15-016	UJA18-016	FLOOR	CONCRETE				
354	UJA15-016	UJANNULUS	WALL	LINER				
355	UJA15-017	UJA15-021	WALL	CONCRETE				
356	UJA15-017	UJA15-021	WALL	CONCRETE				
357	UJA15-017	UJA15-023	WALL	CONCRETE				
358	UJA15-017	UJA15-023	WALL	CONCRETE				
359	UJA15-017	UJA18-002	WALL	CONCRETE				
360	UJA15-017	UJA18-002	WALL	CONCRETE				
361	UJA15-017	UJA18-009	WALL	CONCRETE				
362	UJA15-017	UJA18-009	WALL	CONCRETE				
363	UJA15-017	UJA23-002	WALL	CONCRETE				
364	UJA15-017	UJA23-002	WALL	CONCRETE				
365	UJA15-017	UJA23-009	WALL	CONCRETE				
366	UJA15-017	UJA23-009	WALL	CONCRETE				
367	UJA15-017	UJA29-013	FLOOR	CONCRETE				
368	UJA15-017	UJA29-013	FLOOR	CONCRETE				
369	UJA15-018	UJA15-019	WALL	CONCRETE				
370	UJA15-018	UJA15-019	WALL	CONCRETE				
371	UJA15-018	UJA15-024	WALL	CONCRETE				
372	UJA15-018	UJA15-024	WALL	CONCRETE				
373	UJA15-018	UJA18-018	FLOOR	CONCRETE				
374	UJA15-019	UJA15-024	WALL	CONCRETE				
375	UJA15-019	UJA15-024	WALL	CONCRETE				
376	UJA15-019	UJA18-019	FLOOR	CONCRETE				
377	UJA15-020	UJA15-021	WALL	CONCRETE				
378	UJA15-020	UJA15-021	WALL	CONCRETE				
379	UJA15-020	UJA15-023	WALL	CONCRETE				
380	UJA15-020	UJA15-023	WALL	CONCRETE				
381	UJA15-020	UJA15-025	WALL	CONCRETE				
382	UJA15-020	UJA15-025	WALL	CONCRETE				
383	UJA15-020	UJA18-013	FLOOR	CONCRETE				
384	UJA15-020	UJANNULUS	WALL	LINER				
385	UJA15-020	UJANNULUS	WALL	LINER				
386	UJA15-021	UJA15-023	WALL	CONCRETE				
387	UJA15-021	UJA15-023	WALL	CONCRETE				
388	UJA15-021	UJA15-023	WALL	CONCRETE				
389	UJA15-021	UJA15-023	WALL	CONCRETE				
390	UJA15-021	UJA18-016	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
391	UJA15-021	UJA18-016	WALL	CONCRETE				
392	UJA15-021	UJA23-016	WALL	CONCRETE				
393	UJA15-021	UJA23-016	WALL	CONCRETE				
394	UJA15-023	UJA15-025	WALL	CONCRETE				
395	UJA15-023	UJA15-025	WALL	CONCRETE				
396	UJA15-023	UJA23-013	WALL	CONCRETE				
397	UJA15-023	UJA23-013	WALL	CONCRETE				
398	UJA15-023	UJA29-013	FLOOR	CONCRETE				
399	UJA15-024	UJA18-018	FLOOR	CONCRETE				
400	UJA18-002	UJA18-003	WALL	CONCRETE				
401	UJA18-002	UJA18-010	WALL	CONCRETE				
402	UJA18-002	UJA18-013	WALL	CONCRETE				
403	UJA18-003	UJA18-004	WALL	CONCRETE				
404	UJA18-003	UJA18-013	WALL	CONCRETE				
405	UJA18-004	UJA18-005	WALL	CONCRETE				
406	UJA18-004	UJA18-014	WALL	CONCRETE				
407	UJA18-005	UJA18-014	WALL	CONCRETE				
408	UJA18-005	UJA18-018	WALL	CONCRETE				
409	UJA18-006	UJA18-007	WALL	CONCRETE				
410	UJA18-006	UJA18-015	WALL	CONCRETE				
411	UJA18-006	UJA18-019	WALL	CONCRETE				
412	UJA18-007	UJA18-008	WALL	CONCRETE				
413	UJA18-007	UJA18-015	WALL	CONCRETE				
414	UJA18-008	UJA18-009	WALL	CONCRETE				
415	UJA18-008	UJA18-016	WALL	CONCRETE				
416	UJA18-009	UJA18-016	WALL	CONCRETE				
417	UJA18-010	UJA18-013	WALL	CONCRETE				
418	UJA18-011	UJA18-014	WALL	CONCRETE				
419	UJA18-011	UJA18-015	WALL	CONCRETE				
420	UJA18-011	UJA18-018	WALL	CONCRETE				
421	UJA18-011	UJA18-019	WALL	CONCRETE				
422	UJA18-012	UJA18-014	WALL	CONCRETE				
423	UJA18-012	UJA18-018	WALL	CONCRETE				
424	UJA18-013	UJA18-014	WALL	CONCRETE				
425	UJA18-013	UJANNULUS	WALL	LINER				
426	UJA18-013	UJANNULUS	WALL	LINER				
427	UJA18-014	UJA18-018	WALL	CONCRETE				
428	UJA18-014	UJANNULUS	WALL	LINER				
429	UJA18-014	UJANNULUS	WALL	LINER				
430	UJA18-015	UJA18-019	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
431	UJA18-015	UJANNULUS	WALL	LINER				
432	UJA18-016	UJANNULUS	WALL	LINER				
433	UJA18-018	UJA18-019	WALL	CONCRETE				
434	UJA18-018	UJA23-041	WALL	CONCRETE				
435	UJA18-018	UJA23-042	WALL	CONCRETE				
436	UJA18-019	UJA23-019	WALL	CONCRETE				
437	UJA23-002	UJA23-003	WALL	CONCRETE				
438	UJA23-002	UJA23-010	WALL	CONCRETE				
439	UJA23-002	UJA23-013	WALL	CONCRETE				
440	UJA23-002	UJA23-020	WALL	CONCRETE				
441	UJA23-002	UJA29-013	FLOOR	CONCRETE				
442	UJA23-003	UJA23-004	WALL	CONCRETE				
443	UJA23-003	UJA23-013	WALL	CONCRETE				
444	UJA23-003	UJA23-017	WALL	CONCRETE				
445	UJA23-003	UJA29-013	FLOOR	CONCRETE				
446	UJA23-004	UJA23-005	WALL	CONCRETE				
447	UJA23-004	UJA23-014	WALL	CONCRETE				
448	UJA23-004	UJA23-017	WALL	CONCRETE				
449	UJA23-005	UJA23-014	WALL	CONCRETE				
450	UJA23-005	UJA23-041	WALL	CONCRETE				
451	UJA23-005	UJA23-042	WALL	CONCRETE				
452	UJA23-005	UJA29-018	FLOOR	CONCRETE				
453	UJA23-006	UJA23-007	WALL	CONCRETE				
454	UJA23-006	UJA23-015	WALL	CONCRETE				
455	UJA23-006	UJA23-019	WALL	CONCRETE				
456	UJA23-006	UJA29-016	FLOOR	CONCRETE				
457	UJA23-006	UJA29-019	FLOOR	CONCRETE				
458	UJA23-007	UJA23-008	WALL	CONCRETE				
459	UJA23-007	UJA23-015	WALL	CONCRETE				
460	UJA23-007	UJA23-018	WALL	CONCRETE				
461	UJA23-008	UJA23-009	WALL	CONCRETE				
462	UJA23-008	UJA23-016	WALL	CONCRETE				
463	UJA23-008	UJA23-018	WALL	CONCRETE				
464	UJA23-008	UJA29-016	FLOOR	CONCRETE				
465	UJA23-009	UJA23-016	WALL	CONCRETE				
466	UJA23-009	UJA23-031	WALL	CONCRETE				
467	UJA23-010	UJA23-013	WALL	CONCRETE				
468	UJA23-010	UJA23-020	WALL	CONCRETE				
469	UJA23-011	UJA23-014	WALL	CONCRETE				
470	UJA23-011	UJA23-015	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
471	UJA23-011	UJA23-019	WALL	CONCRETE				
472	UJA23-011	UJA23-042	WALL	CONCRETE				
473	UJA23-012	UJA23-014	WALL	CONCRETE				
474	UJA23-012	UJA23-042	WALL	CONCRETE				
475	UJA23-013	UJA23-017	WALL	CONCRETE				
476	UJA23-013	UJA23-020	WALL	CONCRETE				
477	UJA23-013	UJA29-013	FLOOR	CONCRETE				
478	UJA23-013	UJA29-023	FLOOR	CONCRETE				
479	UJA23-013	UJANNULUS	WALL	LINER				
480	UJA23-014	UJA23-017	WALL	CONCRETE				
481	UJA23-014	UJA23-042	WALL	CONCRETE				
482	UJA23-014	UJA29-014	WALL	CONCRETE				
483	UJA23-014	UJANNULUS	WALL	LINER				
484	UJA23-015	UJA23-018	WALL	CONCRETE				
485	UJA23-015	UJA23-019	WALL	CONCRETE				
486	UJA23-015	UJA29-015	FLOOR	CONCRETE				
487	UJA23-015	UJA29-022	FLOOR	CONCRETE				
488	UJA23-015	UJANNULUS	WALL	LINER				
489	UJA23-016	UJA23-018	WALL	CONCRETE				
490	UJA23-016	UJA23-031	WALL	CONCRETE				
491	UJA23-016	UJA29-016	FLOOR	CONCRETE				
492	UJA23-016	UJANNULUS	WALL	LINER				
493	UJA23-017	UJA29-014	FLOOR	CONCRETE				
494	UJA23-018	UJA29-015	FLOOR	CONCRETE				
495	UJA23-018	UJA29-016	FLOOR	CONCRETE				
496	UJA23-018	UJA29-022	FLOOR	CONCRETE				
497	UJA23-019	UJA23-041	WALL	CONCRETE				
498	UJA23-019	UJA23-042	WALL	CONCRETE				
499	UJA23-019	UJA29-019	FLOOR	CONCRETE				
500	UJA23-041	UJA23-042	WALL	CONCRETE				
501	UJA23-041	UJA29-018	FLOOR	CONCRETE				
502	UJA23-042	UJA29-018	FLOOR	CONCRETE				
503	UJA29-003	UJA29-004	WALL	CONCRETE				
504	UJA29-003	UJA29-013	WALL	CONCRETE				
505	UJA29-003	UJA29-013	WALL	CONCRETE				
506	UJA29-003	UJA29-013	WALL	CONCRETE				
507	UJA29-003	UJA29-014	WALL	CONCRETE				
508	UJA29-003	UJA29-023	WALL	CONCRETE				
509	UJA29-004	UJA29-005	WALL	CONCRETE				
510	UJA29-004	UJA29-005	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
511	UJA29-004	UJA29-013	WALL	CONCRETE				
512	UJA29-004	UJA29-013	WALL	CONCRETE				
513	UJA29-004	UJA29-014	WALL	CONCRETE				
514	UJA29-005	UJA29-014	WALL	CONCRETE				
515	UJA29-005	UJA29-018	WALL	CONCRETE				
516	UJA29-006	UJA29-007	WALL	CONCRETE				
517	UJA29-006	UJA29-007	WALL	CONCRETE				
518	UJA29-006	UJA29-015	WALL	CONCRETE				
519	UJA29-006	UJA29-016	WALL	CONCRETE				
520	UJA29-006	UJA29-019	WALL	CONCRETE				
521	UJA29-006	UJA29-022	WALL	CONCRETE				
522	UJA29-006	UJA34-006	FLOOR	CONCRETE				
523	UJA29-007	UJA29-008	WALL	CONCRETE				
524	UJA29-007	UJA29-015	WALL	CONCRETE				
525	UJA29-007	UJA29-016	WALL	CONCRETE				
526	UJA29-007	UJA29-016	WALL	CONCRETE				
527	UJA29-007	UJA29-022	WALL	CONCRETE				
528	UJA29-008	UJA29-016	WALL	CONCRETE				
529	UJA29-008	UJA29-016	WALL	CONCRETE				
530	UJA29-008	UJA29-016	WALL	CONCRETE				
531	UJA29-008	UJA29-016	WALL	CONCRETE				
532	UJA29-011	UJA29-014	WALL	CONCRETE				
533	UJA29-011	UJA29-015	WALL	CONCRETE				
534	UJA29-011	UJA29-018	WALL	CONCRETE				
535	UJA29-011	UJA29-019	WALL	CONCRETE				
536	UJA29-012	UJA29-014	WALL	CONCRETE				
537	UJA29-012	UJA29-018	WALL	CONCRETE				
538	UJA29-013	UJA29-018	WALL	CONCRETE				
539	UJA29-013	UJA29-023	WALL	CONCRETE				
540	UJA29-013	UJANNULUS	WALL	LINER				
541	UJA29-014	UJA29-018	WALL	CONCRETE				
542	UJA29-014	UJA29-018	WALL	CONCRETE				
543	UJA29-014	UJA29-023	WALL	CONCRETE				
544	UJA29-014	UJA34-014	FLOOR	CONCRETE				
545	UJA29-014	UJANNULUS	WALL	LINER				
546	UJA29-015	UJA29-016	WALL	CONCRETE				
547	UJA29-015	UJA29-019	WALL	CONCRETE				
548	UJA29-015	UJA29-022	WALL	CONCRETE				
549	UJA29-015	UJA34-015	FLOOR	CONCRETE				
550	UJA29-015	UJANNULUS	WALL	LINER				



No.	from Room	to Room	orientation	Matériau	Length [m]	Height [m]	Area [m2]	Thickness [m]
551	UJA29-016	UJANNULUS	WALL	LINER				
552	UJA29-016	UJANNULUS	SPHERICAL	STEEL				
553	UJA29-018	UJA29-019	WALL	CONCRETE				
554	UJA29-018	UJA34-018	FLOOR	CONCRETE				
555	UJA29-019	UJA34-019	FLOOR	CONCRETE				
556	UJA29-022	UJA34-015	FLOOR	CONCRETE				
557	UJA29-023	UJA34-014	FLOOR	CONCRETE				
558	UJA29-023	UJANNULUS	WALL'	LINER				
559	UJA34-003	UJA29-013	WALL	CONCRETE				
560	UJA34-003	UJA29-013	WALL	CONCRETE				
561	UJA34-003	UJA34-004	WALL	CONCRETE				
562	UJA34-003	UJA34-014	WALL	CONCRETE				
563	UJA34-004	UJA29-013	WALL	CONCRETE				
564	UJA34-004	UJA34-005	WALL	CONCRETE				
565	UJA34-004	UJA34-014	WALL	CONCRETE				
566	UJA34-005	UJA29-013	WALL	CONCRETE				
567	UJA34-005	UJA34-014	WALL	CONCRETE				
568	UJA34-005	UJA34-018	WALL	CONCRETE				
569	UJA34-005	UJA40-001	FLOOR	CONCRETE				
570	UJA34-006	UJA29-016	WALL	CONCRETE				
571	UJA34-006	UJA34-007	WALL	CONCRETE				
572	UJA34-006	UJA34-015	WALL	CONCRETE				
573	UJA34-006	UJA34-019	WALL	CONCRETE				
574	UJA34-006	UJA40-001	FLOOR	CONCRETE				
575	UJA34-007	UJA29-016	WALL	CONCRETE				
576	UJA34-007	UJA34-008	WALL	CONCRETE				
577	UJA34-007	UJA34-015	WALL	CONCRETE				
578	UJA34-007	UJA34-015	WALL	CONCRETE				
579	UJA34-008	UJA29-016	WALL	CONCRETE				
580	UJA34-008	UJA29-016	WALL	CONCRETE				
581	UJA34-008	UJA34-015	WALL	CONCRETE				
582	UJA34-003	UJA40-001	WALL	CONCRETE				
583	UJA34-004	UJA40-001	WALL	CONCRETE				
584	UJA34-007	UJA40-001	WALL	CONCRETE				
585	UJA34-008	UJA40-001	WALL	CONCRETE				
586	UJA34-104	UJA40-001	WALL	CONCRETE				
587	UJA34-108	UJA40-001	WALL	CONCRETE				
588	UJA34-003	UJA40-001	WALL	CONCRETE				
589	UJA34-004	UJA40-001	WALL	CONCRETE				
590	UJA34-007	UJA40-001	WALL	CONCRETE				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
591	UJA34-008	UJA40-001	WALL	CONCRETE				
592	UJA34-104	UJA40-001	WALL	CONCRETE				
593	UJA34-108	UJA40-001	WALL	CONCRETE				
594	UJA34-011	UJA34-014	WALL	CONCRETE				
595	UJA34-011	UJA34-015	WALL	CONCRETE				
596	UJA34-011	UJA34-018	WALL	CONCRETE				
597	UJA34-011	UJA34-019	WALL	CONCRETE				
598	UJA34-011	UJA40-001	FLOOR	CONCRETE				
599	UJA34-012	UJA34-014	WALL	CONCRETE				
600	UJA34-012	UJA34-018	WALL	CONCRETE				
601	UJA34-012	UJA40-001	FLOOR	CONCRETE				
602	UJA34-014	UJA34-018	WALL	CONCRETE				
603	UJA34-014	UJANNULUS	WALL	LINER				
604	UJA34-015	UJA34-019	WALL	CONCRETE				
605	UJA34-015	UJA40-001	FLOOR	CONCRETE				
606	UJA34-015	UJANNULUS	WALL	LINER				
607	UJA34-018	UJA29-013	WALL	CONCRETE				
608	UJA34-018	UJA34-019	WALL	CONCRETE				
609	UJA34-018	UJA40-001	FLOOR	CONCRETE				
610	UJA34-019	UJA29-016	WALL	CONCRETE				
611	UJA34-019	UJA40-001	FLOOR	CONCRETE				
612	UJA04-006	UJA04-006	WALL	STEEL				
613	UJA04-005	UJA04-005	WALL	STEEL				
614	UJA04-003	UJA04-003	WALL	STEEL				
615	UJA04-003	UJA04-003	WALL	STEEL				
616	UJA07-019	UJA07-019	WALL	STEEL				
617	UJA07-013	UJA07-013	WALL	STEEL				
618	UJA07-015	UJA07-015	WALL	STEEL				
619	UJA07-015	UJA07-015	WALL	STEEL				
620	UJA07-016	UJA07-016	WALL	STEEL				
621	UJA07-016	UJA07-016	WALL	STEEL				
622	UJA07-014	UJA07-014	WALL	STEEL				
623	UJA07-014	UJA07-014	WALL	STEEL				
624	UJA07-013	UJA07-013	WALL	STEEL				
625	UJA15-006	UJA15-006	WALL	STEEL				
626	UJA15-009	UJA15-009	WALL	STEEL				
627	UJA15-002	UJA15-002	WALL	STEEL				
628	UJA15-005	UJA15-005	WALL	STEEL				
629	UJA11-020	UJA11-020	WALL	STEEL				
630	UJA11-015	UJA11-015	WALL	STEEL				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
631	UJA11-016	UJA11-016	WALL	STEEL				
632	UJA11-016	UJA11-016	WALL	STEEL				
633	UJA11-013	UJA11-013	WALL	STEEL				
634	UJA11-013	UJA11-013	WALL	STEEL				
635	UJA11-014	UJA11-014	WALL	STEEL				
636	UJA11-020	UJA11-020	WALL	STEEL				
637	UJA15-007	UJA15-007	WALL	STEEL				
638	UJA15-008	UJA15-008	WALL	STEEL				
639	UJA15-003	UJA15-003	WALL	STEEL				
640	UJA15-004	UJA15-004	WALL	STEEL				
641	UJA15-018	UJA15-018	WALL	STEEL				
642	UJA15-019	UJA15-019	WALL	STEEL				
643	UJA18-006	UJA18-006	WALL	STEEL				
644	UJA18-009	UJA18-009	WALL	STEEL				
645	UJA18-002	UJA18-002	WALL	STEEL				
646	UJA18-005	UJA18-005	WALL	STEEL				
647	UJA15-015	UJA15-015	WALL	STEEL				
648	UJA15-015	UJA15-015	WALL	STEEL				
649	UJA15-016	UJA15-016	WALL	STEEL				
650	UJA15-016	UJA15-016	WALL	STEEL				
651	UJA15-013	UJA15-013	WALL	STEEL				
652	UJA15-013	UJA15-013	WALL	STEEL				
653	UJA15-014	UJA15-014	WALL	STEEL				
654	UJA15-014	UJA15-014	WALL	STEEL				
655	UJA18-015	UJA18-015	WALL	STEEL				
656	UJA18-016	UJA18-016	WALL	STEEL				
657	UJA18-013	UJA18-013	WALL	STEEL				
658	UJA18-014	UJA18-014	WALL	STEEL				
659	UJA18-007	UJA18-007	WALL	STEEL				
660	UJA18-008	UJA18-008	WALL	STEEL				
661	UJA18-003	UJA18-003	WALL	STEEL				
662	UJA18-004	UJA18-004	WALL	STEEL				
663	UJA18-006	UJA18-006	WALL	STEEL				
664	UJA18-009	UJA18-009	WALL	STEEL				
665	UJA18-002	UJA18-002	WALL	STEEL				
666	UJA18-005	UJA18-005	WALL	STEEL				
667	UJA18-015	UJA18-015	WALL	STEEL				
668	UJA18-015	UJA18-015	WALL	STEEL				
669	UJA18-016	UJA18-016	WALL	STEEL				
670	UJA18-016	UJA18-016	WALL	STEEL				



No.	from Room	to Room	Orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
671	UJA18-013	UJA18-013	WALL	STEEL				
672	UJA18-013	UJA18-013	WALL	STEEL				
673	UJA18-014	UJA18-014	WALL	STEEL				
674	UJA18-014	UJA18-014	WALL	STEEL				
675	UJA23-006	UJA23-006	WALL	STEEL				
676	UJA23-007	UJA23-007	WALL	STEEL				
677	UJA23-008	UJA23-008	WALL	STEEL				
678	UJA23-009	UJA23-009	WALL	STEEL				
679	UJA23-002	UJA23-002	WALL	STEEL				
680	UJA23-003	UJA23-003	WALL	STEEL				
681	UJA23-004	UJA23-004	WALL	STEEL				
682	UJA23-005	UJA23-005	WALL	STEEL				
683	UJA23-019	UJA23-019	WALL	STEEL				
684	UJA23-015	UJA23-015	WALL	STEEL				
685	UJA23-015	UJA23-015	WALL	STEEL				
686	UJA23-016	UJA23-016	WALL	STEEL				
687	UJA23-016	UJA23-016	WALL	STEEL				
688	UJA23-013	UJA23-013	WALL	STEEL				
689	UJA23-013	UJA23-013	WALL	STEEL				
690	UJA23-014	UJA23-014	WALL	STEEL				
691	UJA23-014	UJA23-014	WALL	STEEL				
692	UJA29-006	UJA29-006	WALL	STEEL				
693	UJA29-007	UJA29-007	WALL	STEEL				
694	UJA29-008	UJA29-008	WALL	STEEL				
695	UJA29-003	UJA29-003	WALL	STEEL				
696	UJA29-004	UJA29-004	WALL	STEEL				
697	UJA29-005	UJA29-005	WALL	STEEL				
698	UJA29-015	UJA29-015	WALL	STEEL				
699	UJA29-015	UJA29-015	WALL	STEEL				
700	UJA29-016	UJA29-016	WALL	STEEL				
701	UJA29-016	UJA29-016	WALL	STEEL				
702	UJA29-014	UJA29-014	WALL	STEEL				
703	UJA29-023	UJA29-023	WALL	STEEL				
704	UJA34-014	UJA34-014	WALL	STEEL				
705	UJA34-014	UJA34-014	WALL	STEEL				
706	UJA34-006	UJA34-006	WALL	STEEL				
707	UJA34-007	UJA34-007	WALL	STEEL				
708	UJA34-008	UJA34-008	WALL	STEEL				
709	UJA34-003	UJA34-003	WALL	STEEL				
710	UJA34-004	UJA34-004	WALL	STEEL				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
711	UJA34-005	UJA34-005	WALL	STEEL				
712	UJA34-007	UJA34-007	WALL	STEEL				
713	UJA34-008	UJA34-008	WALL	STEEL				
714	UJA34-003	UJA34-003	WALL	STEEL				
715	UJA34-004	UJA34-004	WALL	STEEL				
716	UJA40-001	UJA40-001	WALL	STEEL				
717	UJA40-001	UJA40-001	WALL	STEEL				
718	UJA34-104	UJA34-104	WALL	STEEL				
719	UJA34-104	UJA34-104	WALL	STEEL				
720	UJA34-108	UJA34-108	WALL	STEEL				
721	UJA34-108	UJA34-108	WALL	STEEL				
722	UJA40-001	UJA40-001	WALL	STEEL				
723	UJA40-001	UJA40-001	WALL	STEEL				
724	UJA40-001	UJA40-001	WALL	STEEL				
725	UJA40-001	UJA40-001	WALL	STEEL				
726	UJA40-001	UJA40-001	WALL	STEEL				
727	UJA40-001	UJA40-001	WALL	STEEL				
728	UJA40-001	UJA40-001	WALL	STEEL				
729	UJA40-001	UJA40-001	WALL	STEEL				
730	UJA40-001	UJA40-001	WALL	STEEL				
731	UJA40-001	UJA40-001	WALL	STEEL				
732	UJA40-001	UJA40-001	WALL	STEEL				
733	UJA40-001	UJA40-001	WALL	STEEL				
734	UJA04-006	UJA04-006	WALL	STEEL				
735	UJA04-005	UJA04-005	WALL	STEEL				
736	UJA04-003	UJA04-003	WALL	STEEL				
737	UJA04-003	UJA04-003	WALL	STEEL				
738	UJA07-019	UJA07-019	WALL	STEEL				
739	UJA07-013	UJA07-013	WALL	STEEL				
740	UJA07-015	UJA07-015	WALL	STEEL				
741	UJA07-015	UJA07-015	WALL	STEEL				
742	UJA07-016	UJA07-016	WALL	STEEL				
743	UJA07-016	UJA07-016	WALL	STEEL				
744	UJA07-014	UJA07-014	WALL	STEEL				
745	UJA07-014	UJA07-014	WALL	STEEL				
746	UJA07-013	UJA07-013	WALL	STEEL				
747	UJA15-006	UJA15-006	WALL	STEEL				
748	UJA15-009	UJA15-009	WALL	STEEL				
749	UJA15-002	UJA15-002	WALL	STEEL				
750	UJA15-005	UJA15-005	WALL	STEEL				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
751	UJA11-020	UJA11-020	WALL	STEEL				
752	UJA11-015	UJA11-015	WALL	STEEL				
753	UJA11-016	UJA11-016	WALL	STEEL				
754	UJA11-016	UJA11-016	WALL	STEEL				
755	UJA11-013	UJA11-013	WALL	STEEL				
756	UJA11-013	UJA11-013	WALL	STEEL				
757	UJA11-014	UJA11-014	WALL	STEEL				
758	UJA11-020	UJA11-020	WALL	STEEL				
759	UJA15-007	UJA15-007	WALL	STEEL				
760	UJA15-008	UJA15-008	WALL	STEEL				
761	UJA15-003	UJA15-003	WALL	STEEL				
762	UJA15-004	UJA15-004	WALL	STEEL				
763	UJA15-018	UJA15-018	WALL	STEEL				
764	UJA15-019	UJA15-019	WALL	STEEL				
765	UJA18-006	UJA18-006	WALL	STEEL				
766	UJA18-009	UJA18-009	WALL	STEEL				
767	UJA18-002	UJA18-002	WALL	STEEL				
768	UJA18-005	UJA18-005	WALL	STEEL				
769	UJA15-015	UJA15-015	WALL	STEEL				
770	UJA15-015	UJA15-015	WALL	STEEL				
771	UJA15-016	UJA15-016	WALL	STEEL				
772	UJA15-016	UJA15-016	WALL	STEEL				
773	UJA15-013	UJA15-013	WALL	STEEL				
774	UJA15-013	UJA15-013	WALL	STEEL				
775	UJA15-014	UJA15-014	WALL	STEEL				
776	UJA15-014	UJA15-014	WALL	STEEL				
777	UJA18-015	UJA18-015	WALL	STEEL				
778	UJA18-016	UJA18-016	WALL	STEEL				
779	UJA18-013	UJA18-013	WALL	STEEL				
780	UJA18-014	UJA18-014	WALL	STEEL				
781	UJA18-007	UJA18-007	WALL	STEEL				
782	UJA18-008	UJA18-008	WALL	STEEL				
783	UJA18-003	UJA18-003	WALL	STEEL				
784	UJA18-004	UJA18-004	WALL	STEEL				
785	UJA18-006	UJA18-006	WALL	STEEL				
786	UJA18-009	UJA18-009	WALL	STEEL				
787	UJA18-002	UJA18-002	WALL	STEEL				
788	UJA18-005	UJA18-005	WALL	STEEL				
789	UJA18-015	UJA18-015	WALL	STEEL				
790	UJA18-015	UJA18-015	WALL	STEEL				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
791	UJA18-016	UJA18-016	WALL	STEEL				
792	UJA18-016	UJA18-016	WALL	STEEL				
793	UJA18-013	UJA18-013	WALL	STEEL				
794	UJA18-013	UJA18-013	WALL	STEEL				
795	UJA18-014	UJA18-014	WALL	STEEL				
796	UJA18-014	UJA18-014	WALL	STEEL				
797	UJA23-006	UJA23-006	WALL	STEEL				
798	UJA23-007	UJA23-007	WALL	STEEL				
799	UJA23-008	UJA23-008	WALL	STEEL				
800	UJA23-009	UJA23-009	WALL	STEEL				
801	UJA23-002	UJA23-002	WALL	STEEL				
802	UJA23-003	UJA23-003	WALL	STEEL				
803	UJA23-004	UJA23-004	WALL	STEEL				
804	UJA23-005	UJA23-005	WALL	STEEL				
805	UJA23-019	UJA23-019	WALL	STEEL				
806	UJA23-015	UJA23-015	WALL	STEEL				
807	UJA23-015	UJA23-015	WALL	STEEL				
808	UJA23-016	UJA23-016	WALL	STEEL				
809	UJA23-016	UJA23-016	WALL	STEEL				
810	UJA23-013	UJA23-013	WALL	STEEL				
811	UJA23-013	UJA23-013	WALL	STEEL				
812	UJA23-014	UJA23-014	WALL	STEEL				
813	UJA23-014	UJA23-014	WALL	STEEL				
814	UJA29-006	UJA29-006	WALL	STEEL				
815	UJA29-007	UJA29-007	WALL	STEEL				
816	UJA29-008	UJA29-008	WALL	STEEL				
817	UJA29-003	UJA29-003	WALL	STEEL				
818	UJA29-004	UJA29-004	WALL	STEEL				
819	UJA29-005	UJA29-005	WALL	STEEL				
820	UJA29-015	UJA29-015	WALL	STEEL				
821	UJA29-015	UJA29-015	WALL	STEEL				
822	UJA29-016	UJA29-016	WALL	STEEL				
823	UJA29-016	UJA29-016	WALL	STEEL				
824	UJA29-014	UJA29-014	WALL	STEEL				
825	UJA29-023	UJA29-023	WALL	STEEL				
826	UJA34-014	UJA34-014	WALL	STEEL				
827	UJA34-014	UJA34-014	WALL	STEEL				
828	UJA34-006	UJA34-006	WALL	STEEL				
829	UJA34-007	UJA34-007	WALL	STEEL				
830	UJA34-008	UJA34-008	WALL	STEEL				



No.	from Room	to Room	orientation	Material	Length [m]	Height [m]	Area [m2]	Thickness [m]
831	UJA34-003	UJA34-003	WALL	STEEL				
832	UJA34-004	UJA34-004	WALL	STEEL				
833	UJA34-005	UJA34-005	WALL	STEEL				
834	UJA34-007	UJA34-007	WALL	STEEL				
835	UJA34-008	UJA34-008	WALL	STEEL				
836	UJA34-003	UJA34-003	WALL	STEEL				
837	UJA34-004	UJA34-004	WALL	STEEL				
838	UJA40-001	UJA40-001	WALL	STEEL				
839	UJA40-001	UJA40-001	WALL	STEEL				
840	UJA34-104	UJA34-104	WALL	STEEL				
841	UJA34-104	UJA34-104	WALL	STEEL				
842	UJA34-108	UJA34-108	WALL	STEEL				
843	UJA34-108	UJA34-108	WALL	STEEL				
844	UJA40-001	UJA40-001	WALL	STEEL				
845	UJA40-001	UJA40-001	WALL	STEEL				
846	UJA40-001	UJA40-001	WALL	STEEL				
847	UJA40-001	UJA40-001	WALL	STEEL				
848	UJA40-001	UJA40-001	WALL	STEEL				
849	UJA40-001	UJA40-001	WALL	STEEL				
850	UJA40-001	UJA40-001	WALL	STEEL				
851	UJA40-001	UJA40-001	WALL	STEEL				
852	UJA40-001	UJA40-001	WALL	STEEL				
853	UJA40-001	UJA40-001	WALL	STEEL				
854	UJA40-001	UJA40-001	WALL	STEEL				
855	UJA40-001	UJA40-001	WALL	STEEL				
856	UJAGROUND	UJA04-002	FLOOR	CONCRETE				
857	UJAGROUND	UJA04-003	FLOOR	CONCRETE				
858	UJAGROUND	UJA07-013	FLOOR	CONCRETE				
859	UJAGROUND	UJA07-014	FLOOR	CONCRETE				
860	UJAGROUND	UJA07-015	FLOOR	CONCRETE				
861	UJAGROUND	UJA07-016	FLOOR	CONCRETE				
862	UJA04-003	UJA11-003	FLOOR	CONCRETE				
863	UJA04-003	UJA11-004	FLOOR	CONCRETE				
864	UJA04-003	UJA11-005	FLOOR	CONCRETE				
865	UJA04-003	UJA11-006	FLOOR	CONCRETE				
866	UJA04-003	UJA11-007	FLOOR	CONCRETE				
867	UJA04-003	UJA11-008	FLOOR	CONCRETE				
868	UJAGROUND	UJA11-012	FLOOR	CONCRETE				

