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« (600 – 800 ) »  
« ( 1500 500 ) »  
« »

07.03.01

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2019 .

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« »/ . . - . : , 2018. - 31 . »

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« „ . » ( «(600 - 800 1500 500 ) » )

07.03.01 - « » , - .

», 16, «23» 2019 . «

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2- ( ) 1 2.8 10-

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1. - .20-96.
2. ( , 1984 .
3. )2- ,, . - : ,, 1977.
4. ,, - ,, 1986 .
5. ,, - ,, 1986 .
6. ,, - ,, 1991 .
7. ,, - ,, « », 2002 .
8. 10 « », 2004.
9. GA Contemporary Architecture, 04 THEATER, Edited and Photographed Yukio Futagawa
10. 10 ( ).

600-800

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5-8

1000

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- 30,0

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3.

»<sup>1</sup>.

<sup>1</sup> « » - ( )

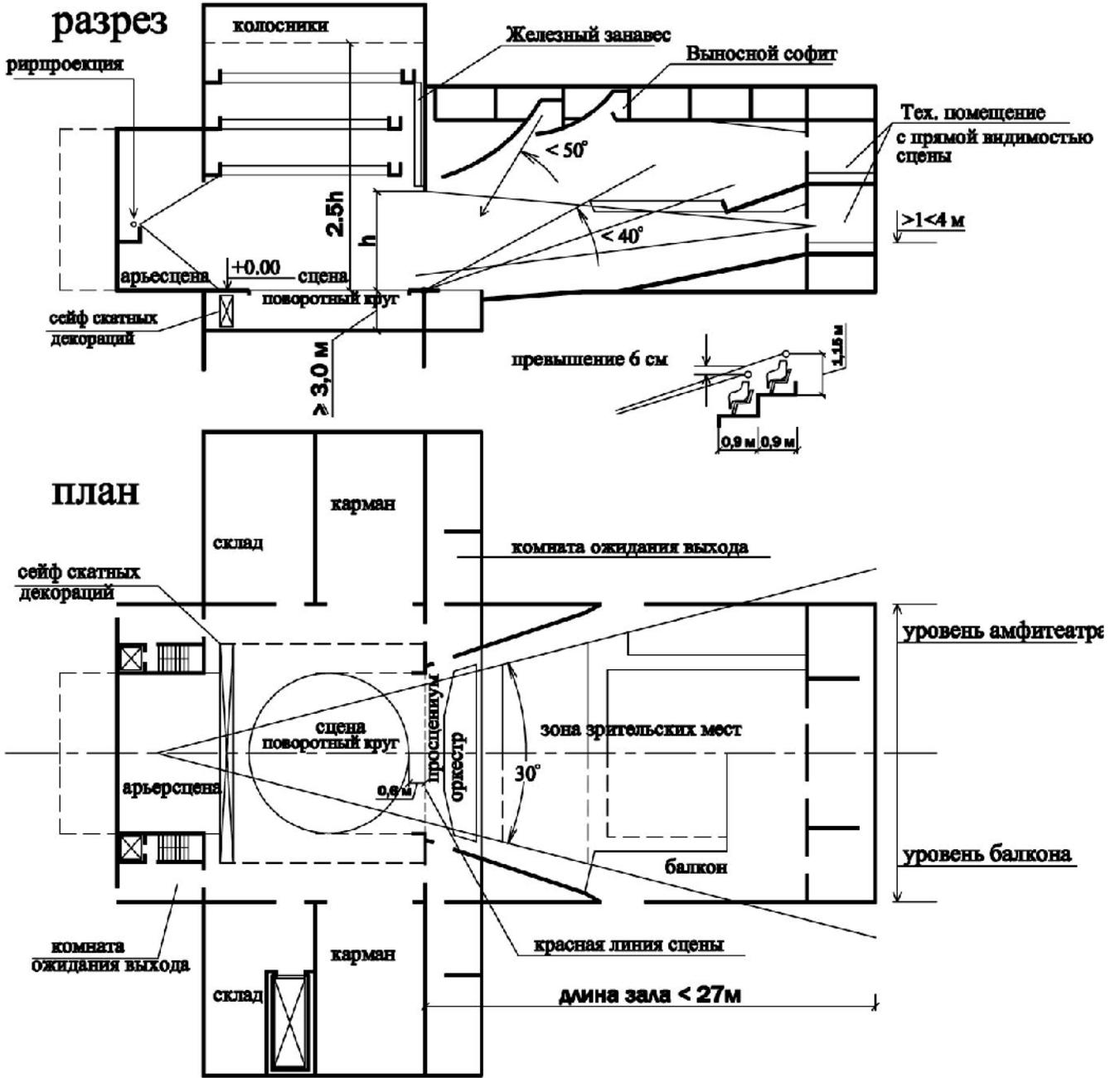


3. \_\_\_\_\_

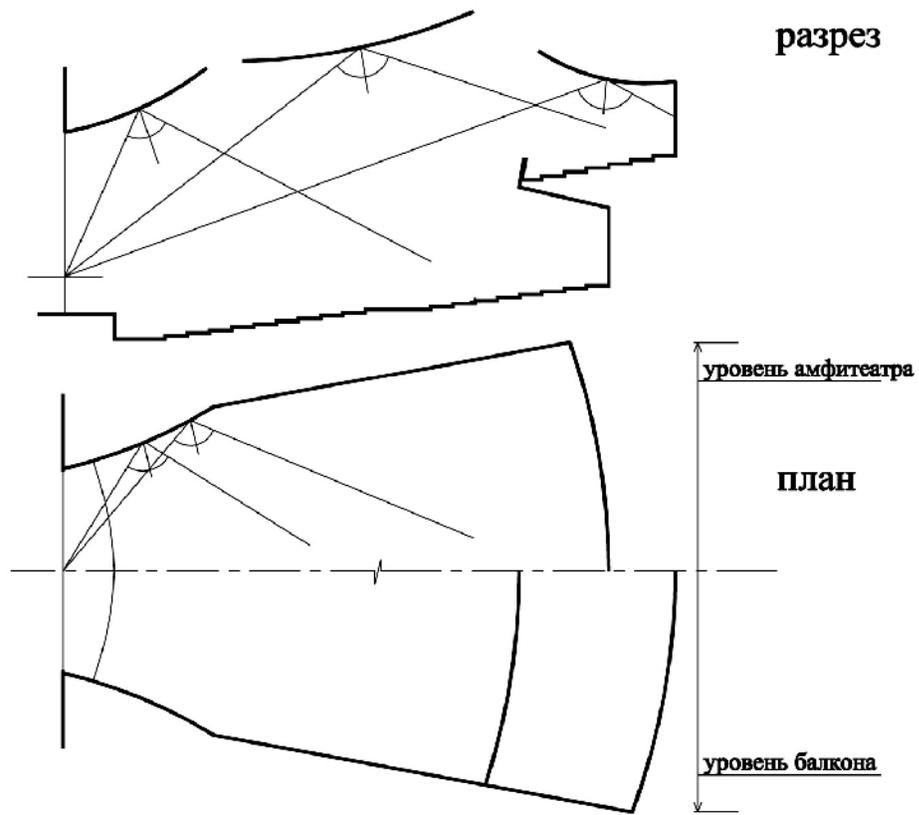
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 27 , -  
 - 30 .  
 1,5  
 = 30-35 .  
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 ( 600 ) 6 .  
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 + 0,000) 0,9-1,1 . ( 0,9-1,0 .  
 12-24 , - 26-50.  
 1:7.  
 ( ), 20 (45°).  
 ( ), 1,2 . 0,65 .  
 : , , ,  
 4 , .  
 « » ,  
 « » ( . 30) ,

( 600 – 800 )

( )



# Графический метод построения акустики зала



## II.

1. \_\_\_\_\_

800

-21-20-96:

600 –

(	:	-	:	6 - 8
	:	-	:	5,5
	:	-	:	10
	:	-	:	8,5
:	-	-	21	15
	-	-		20
:	-	-	15	6
	-	-		11
:	-	-	13	7,5
:	-	-	7,5	12
	-	-		7,5
	-	-		7

: 4  
 12 ( )  
 ( ): 3  
 2,2 - 2,4  
 1/3  
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**III. \_\_\_\_\_**

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2 . ( 2x7 . )

3 . ( . ) .

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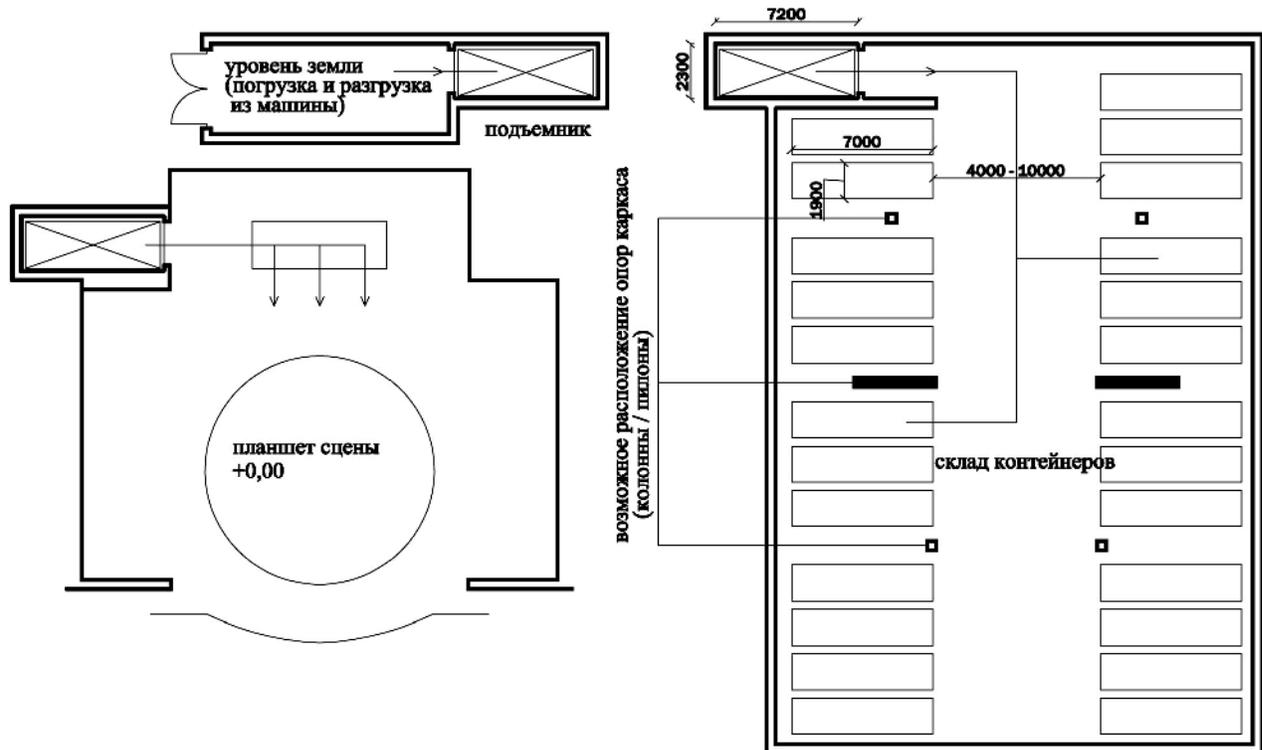
1 2

( 6 - 10 . ) .

3 - 4 .

6 - 9 .

**Схема "горизонтальных" складов для театра на 600-800 мест**  
**Возможно расположение на 2-х и более (так же подземных) этажах**



**IV.** \_\_\_\_\_.

15 – 18 . . . ;

( , ).

10×10 . ( ( ) , 12×12 .).

6 .

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( II, . .).

**V.** \_\_\_\_\_.

**VI.** \_\_\_\_\_

(30,0×10,0 ) - 6,0 . - 20,0×15,0

3,0 .

6,0 . 4,5 .

- 3,0 . - 0,3 .

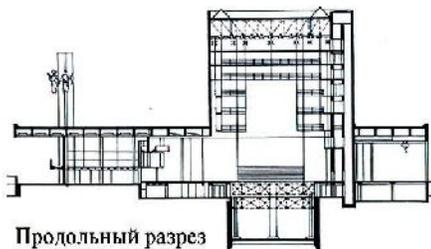
8,0 .



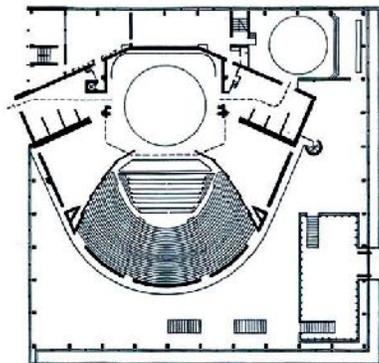
6-9

-8-9

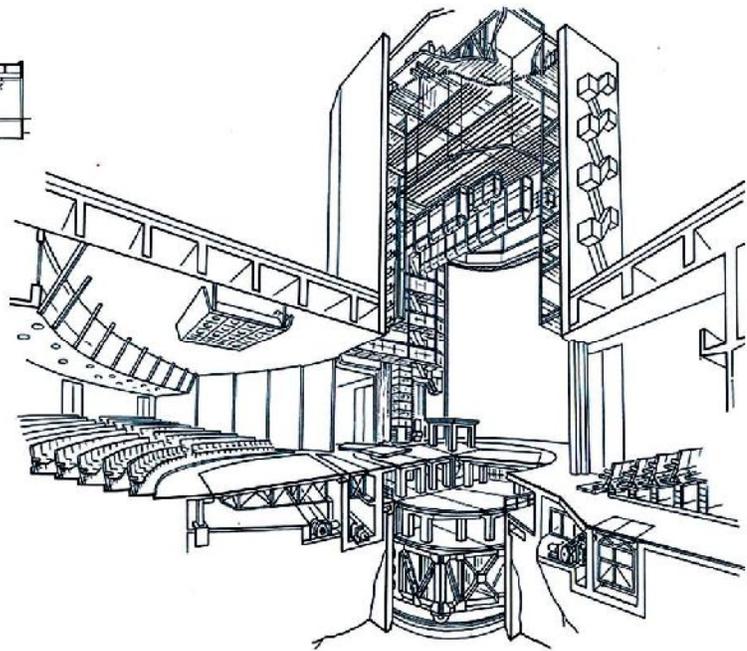
(800 - 1200 )



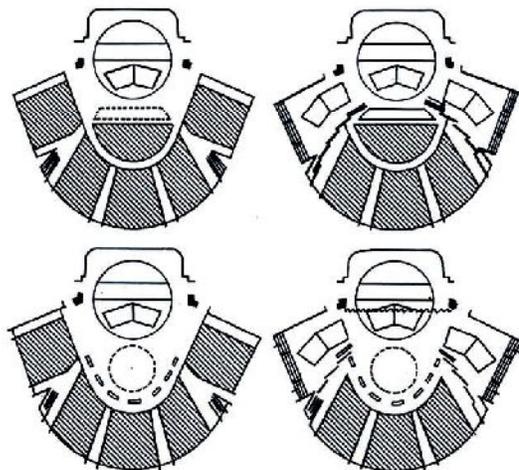
Продольный разрез



План в уровне фойе



АксонOMETрический разрез



Варианты трансформации демонстрационного комплекса

Драматический театр им. Горького в Туле.  
Архитекторы:  
С. Галаджева  
В. Красильников  
А. Попов  
В. Шульрихтер

- , « » , ( , ) . - , , . : ( ) . ( , ) . , , .

600 – 800 <sup>3</sup>

1	(+ ) (0,6 . . 1 )	360,0- 550,0 . .
2	(0,15 . . 1 )	30,0 – 60,0 . .
3	( ) (0,1 . . 1 )	60,0 – 100,0 . .
4	(0,25 . . 1 )	150,0 - 270 . .
5	(0,1 . . 1 )	60,0 – 80,0 . .
6	, (0,6 . . 1 )	360,0 – 560,0 . .
7		90,0 – 160,0 . .
8		30,0 – 40,0 . .
9		60,0 – 110,0 . .
10		60,0 – 110,0 . .
11	( ) ( )	25,0 . .
12	( )	20,0 . .
13	( )	15,0 . .
14	( )	15,0 . .
15	( )	15,0 . .
16	( )	20, . .
17		20,0 . .
18	( )	40,0 . .
19	( )	30,0 . .
20	,	40,0 . .
21		150,0 . . <sup>4</sup>

<sup>3</sup>

« ».

<sup>4</sup>

« »

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400 . . ,

3,0 .

22		140,0 . . .
,		
23		110,0 – 150,0 . . .
24		20,0 . (2×10,0 . .)
25	( )	130,0 . . .
26		20,0 . . .
27	-	20,0 . . (2×10,0 . .)
28	( . , . , . , . , . , . )	110,0 . . .
29		25,0 . . .
30	(10 )	110,0 . . .
31		15,0 . . .
32		40,0 . . .
33		25,0 . . .
34		45,0 . . .
5		
35		130,0 . . .
36	- (20,0×15,0 ., 30,0×10,0 .)	300,0 . . .
37		15,0 . . .
38		30,0 . . .
39		40,0 . . .
40		80,0 . . .
41		95,0 . . .
42	-	40,0 . . .
43		45,0 . . .
44	,	80,0 . . .
45		60,0 . . .
46		20,0 . . .
47		150,0 . . .
48	,	50,0 . . .
49		50,0 . . .
5		
51		200,0 . . .
52		50,0 . . .

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500	400 - 425	500 0,85 . .
	800 - 1000	2000 0,5
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-	250 - 300	
3	100	
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\_\_\_\_\_ **150**

(150 2) = 300

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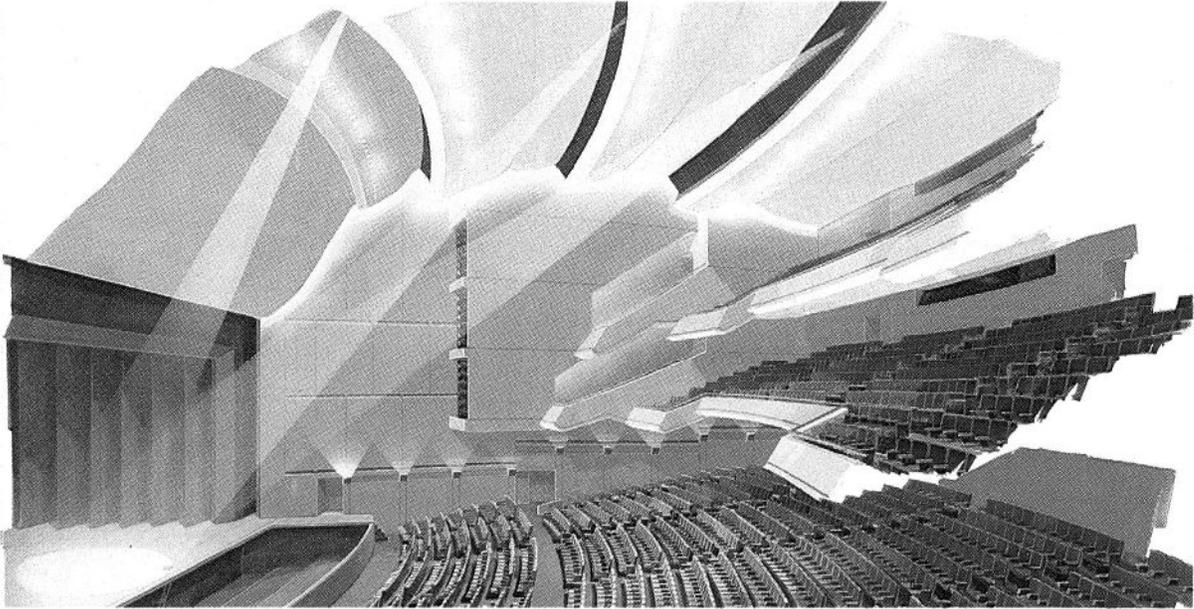
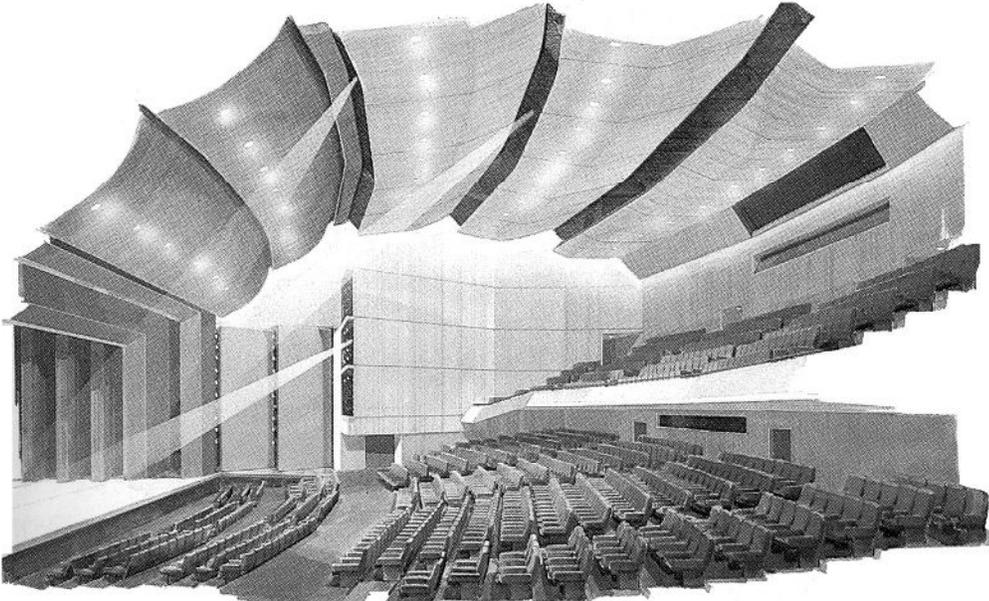
80

		40
,	2 20	40
		20
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		150 - 200
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**ПРИМЕР РЕШЕНИЙ ИНТЕРЬЕРА ЗАЛА**



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Architectural Record	2001 06	102-111	
Architectural Record	2001 07	124-127	
Architectural Record	2001 07	132-134	
Architectural Record	2003 11	134-151	
Architectural Record	2003 11	230-234	( )
Architectural Record	2004 02	78-87	
Architectural Record	2004 03	149-158	
Architectural Record	2005 01	156-161	
Architectural Record	2005 08	106-113	
Architectural Record	2006 08	124-130	
Architectural Record	2008 01	120-124	
Architectural Record	2008 08	98-103	
Architectural Record	2009 02	94-95	
Architectural Review	1998 1215	42-49	
Architectural Review	1998 1222	41-45	
Architectural Review	2000 1239	44-49	+
Architectural Review	2001 1254	55-59	+
Architectural Review	2002 1264	76-79	
Architectural Review	2002 1268	54-58	
Architectural Review	2003 1275	42-49	
Architectural Review	2003 1277	54-57	
Architectural Review	2003 1277	69-71	
Architectural Review	2003 1279	80-81	-
Architectural Review	2004 1285	54-63	
Architectural Review	2005 1302	40-47	
Architectural Review	2009 1346	54-59	-
Architecture	1996 01	41	
Baumeister	2009 04	52-61	
Baumeister	1997 01	24-32	
Baumeister	1997 01	42-47	
Baumeister	1999 04	18-24	
Baumeister	2002 04	28-32	
Baumeister	2003 02	44-49	

Baumeister	2003 03	12	
Casabella	2007 752	90-99	
DBZ	2003 02	38-41	
DBZ	2008 04	38-45	
DBZ	2008 05	60-65	
DBZ	2009 05	26-33	-
Detail	2009 03	180-181	
Domus	1996 784	034-35	
Domus	1997 793	32-39	

<b>Domus</b>	<b>2001 842</b>	<b>112-123</b>	
<b>Domus</b>	<b>2007 904 Supp</b>	<b>28-32</b>	
<b>Domus</b>	<b>2008 914</b>	<b>12-17</b>	
<b>Japan Architect</b>	<b>1992 07</b>	<b>20-35</b>	-
<b>Japan Architect</b>	<b>1992 07</b>	<b>36-43</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>44-49</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>50-55</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>56-61</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>62-65</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>66-69</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>70-73</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>74-77</b>	- ( )
<b>Japan Architect</b>	<b>1992 07</b>	<b>78-81</b>	- ( )
<b>Japan Architect</b>	<b>1994 14</b>	<b>38-43</b>	-
<b>Japan Architect</b>	<b>1994 14</b>	<b>90-93</b>	( , , )
<b>Japan Architect</b>	<b>1998 28</b>	<b>56-59</b>	-
<b>Japan Architect</b>	<b>1998 30</b>	<b>105</b>	
<b>Japan Architect</b>	<b>1999 32</b>	<b>38-41</b>	+
<b>Japan Architect</b>	<b>1999 33</b>	<b>120-125</b>	
<b>Japan Architect</b>	<b>2000 36</b>	<b>18-23</b>	
<b>Japan Architect</b>	<b>2001 41</b>	<b>114-115</b>	-
<b>Japan Architect</b>	<b>2002 45</b>	<b>54-59</b>	
<b>L'architecture d'aujourd'hui</b>	<b>1999 325</b>	<b>84-85</b>	
<b>L'architecture d'aujourd'hui</b>	<b>2001 332</b>	<b>118-120</b>	
<b>L'architecture d'aujourd'hui</b>	<b>2001 335</b>	<b>98-103</b>	
<b>L'architecture d'aujourd'hui</b>	<b>2004 350</b>	<b>86-103</b>	
<b>L'architettura</b>	<b>1998 509</b>	<b>186-187</b>	
<b>RIBA Journal</b>	<b>2004 111/9</b>	<b>71-74</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>55-59</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>65-69</b>	

<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>74-77</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>77-80</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>80-83</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>88-91</b>	
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>92-95</b>	+
<b>Techniques &amp; Architecture</b>	<b>2007 489</b>	<b>96-100</b>	
<b>Techniques &amp; Architecture</b>	<b>1998 437</b>	<b>60-65</b>	
<b>Techniques &amp; Architecture</b>	<b>2000 448</b>	<b>33-41</b>	+
<b>Techniques &amp; Architecture</b>	<b>2001 454</b>	<b>94-99</b>	

Techniques & Architecture	2001 455	90-93	
Techniques & Architecture	2003 464	49-55	
Techniques & Architecture	2003 464	56-61	
Techniques & Architecture	2003 464	72-75	
Techniques & Architecture	2004 470	63	
Techniques & Architecture	2006 481	92-97	
Werk, Bauen+Wohnen	1997 11	50-53	
Werk, Bauen+Wohnen	1998 04	24	-
Werk, Bauen+Wohnen	1998 04	25	-
Werk, Bauen+Wohnen	1998 7/8	52-57	-
Werk, Bauen+Wohnen	1999 10	44-47	
Werk, Bauen+Wohnen	1999 10	45-47	
Werk, Bauen+Wohnen	1999 10	45-47	
Werk, Bauen+Wohnen	2005 04	60-63	
Werk, Bauen+Wohnen	2005 7/8	24-31	
Werk, Bauen+Wohnen	2006 12	34-39	
World Architecture Masters	2007 04	10-11	
World Architecture Masters	2008 06	14-15	
World Architecture Masters	2008 07	58-59	
	2005 06	42-45	

A+U	1999 342	142-151	
A+U	1999 343	22-27	
A+U	1999 344	32-35	
A+U	1999 344	94-101	
A+U	1999 346	96-103	
A+U	2001 367	126-129	
A+U	2002 382	116-119	( , , , , )
A+U	2002 383	108-109	
A+U	2002 384	24-29	
A+U	2002 384	30-33	
A+U	2003 396	36-45	

A+U	2003 399	54-59	( )
A+U	2003 399	60-61	( )
A+U	2006 427	126-133	
A+U	2006 433	10-21	
A+U	2007 436	118-121	
A+U	2008 452	38-47	
A+U	2008 454	28-33	
A+U	2008 456	38-49	
Abitare	2009 493	118-129	
Abitare	2009 496	87-88	-

Architectural Design	2008 03	126-127	
Architectural Design	1999 3/4	56-59	
Architectural Design	2006 03	118+	
Architectural Record	1999 05	244-250	( )
Architectural Record	1999 08	92-95	
Architectural Record	2000 03	110-117	+
Architectural Record	2001 05	330-334	
Architectural Record	2001 07	120-123	
Architectural Record	2003 08	94-101	+
Architectural Record	2003 10	130-133	
Architectural Record	2003 10	134-137	
Architectural Record	2003 10	138-146	
Architectural Record	2004 03	80-85	
Architectural Record	2005 01	136-145	
Architectural Record	2005 01	162-166	
Architectural Record	2005 02	69-70	
Architectural Record	2005 03	78-85	+
Architectural Record	2005 03	86-91	
Architectural Record	2005 06	150-151	
Architectural Record	2005 06	86-91	-
Architectural Record	2005 07	88-99	( , , ) ,
Architectural Record	2006 05	106-115	,
Architectural Record	2006 08	106-117	
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Architectural Record	2007 11	102-105	
Architectural Record	2007 11	92-95	
Architectural Record	2008 01	114-119	
Architectural Record	2008 05	206-213	
Architectural Record	2008 07	120-125	
Architectural Record	2008 08	84-93	
Architectural Record	2009 02	100-106	
Architectural Record	2009 02	70-77	

Architectural Record	2009 02	88-93	
Architectural Record	2009 02	96-98	
Architectural Record	2009 10	96-101	
Architectural Review	1999 1228	86-89	
Architectural Review	1999 1229	56-61	
Architectural Review	1999 1230	44-48	+
Architectural Review	2000 1236	61-63	
Architectural Review	2000 1238	96-97	( , , , , )
Architectural Review	2000 1240	81-85	

Architectural Review	2000 1245	86-87	
Architectural Review	2001 1249	36-37	( )
Architectural Review	2001 1249	76-80	
Architectural Review	2001 1251	83-85	
Architectural Review	2001 1255	52-58	
Architectural Review	2002 1263	44-47	+
Architectural Review	2003 1275	50-54	+
Architectural Review	2003 1275	55-63	
Architectural Review	2003 1277	30-37	
Architectural Review	2004 1284	56-61	
Architectural Review	2004 1285	68-71	
Architectural Review	2007 1323	31-32	
Architectural Review	2007 1325	32-35	
Architectural Review	2007 1325	52-59	+
Architectural Review	2007 1325	60-65	
Architectural Review	2007 1325	66-69	
Architectural Review	2008 1334	70-71	
Architectural Review	2008 1335	40-41	,
Architectural Review	2008 1335	47	
Architectural Review	2009 1348	74-79	
Architektur+Wettbewerbe	2007 211	20-23	+
Architektur+Wettbewerbe	2007 211	48-51	-
Arup Journal	2003 02	32-41	
ARX	2007 12	72-79	
ARX	2007 15	35	( , , , ) ,
ARX	2007 15	66-87	( )
ARX	2007 12	72-79	
Baumeister	2003 06	16	
Baumeister	2006 03	60-65	+
Baumeister	2006 11	16	
Baumeister	2008 03	06-07	
Baumeister	2008 07	48-57	
Baumeister	2009 01	52-61	
Baumeister	2009 04	14-15	
Baumeister	2009 06	48-57	+

Casabella	2006 746	66-73	
Casabella	2007 752	80-89	
Casabella	2007 757	26-37	-
Casabella	2007 760	64-71	
Casabella	2008 763 Supplement	18-27	3. . 4.
Casabella	2008 763 Supplement	18-27	1. . 2. .
Casabella	2008 771	98-107	
Casabella	2009 775	14-33	

Casabella	2009 777	58-71	
DB	1999 07	54-63	( )
DBZ	1999 03	35-40	
DBZ	2000 07	62-65	
DBZ	2002 09	58-63	+
DBZ	2006 11		
DBZ	2007 07	26-33	+
DBZ	2007 10	38-47	
DBZ	2008 05	26-33	
Detail	1996 8	1207	
Detail	2006 04	338-340	
Detail	2007 11	1306-1309	
Detail	2007 7/8	810-813	
Detail	2008 05	451	
Detail	2008 10	1098-1105	
Detail	2009 03	170-177	
Detail	2009 03	182-183	
Detail	2009 03	184-185	
Detail	2009 03	186-188	+
Detail	2009 03	189-191	
Detail	2009 03	192-194	
Detail	2009 03	200-201	
Detail	2009 03	202	
Detail	2009 04	341-145	
Domus	2000 827	07-11	+
Domus	2000 835	88-99	
Domus	2000 837	36-47	
Domus	2001 838	36-47	
Domus	2001 840	60-73	( + + ) ,
Domus	2001 842	48-63	
Domus	2003 857	62-71	La Scala
Domus	2008 910	12-19	
Domus	2008 912	14-19	
Domus	2008 919	23-26	
Domus	2009 926	22-27	( , , ) ,

Japan Architect	2000 36	118-125	( )
Japan Architect	2000 36	28-29	
Japan Architect	2001 42	44-49	
Japan Architect	2001 42	80-83	
Japan Architect	2002 45	34-35	+
Japan Architect	2002 47	122-125	+
Japan Architect	2003 48	52-55	( + ) ,
Japan Architect	2003 48	72-75	
Japan Architect	2006 60	24-25	

Japan Architect	2006 60	88-89	
L'architecture d'aujourd'hui	1999 321	64-69	
L'architecture d'aujourd'hui	1999 324	22-24	( )
L'architecture d'aujourd'hui	2000 327	30-31	
L'architecture d'aujourd'hui	2001 335	34-35	
L'architecture d'aujourd'hui	2004 351	130-132	
L'architecture d'aujourd'hui	2006 366	52-53	
L'architecture d'aujourd'hui	2007 369	28-31	
L'architecture d'aujourd'hui	2007 373	110-112	
RIBA Journal	1999 106/12	12-14	
RIBA Journal	2006 12	28-32	
RIBA Journal	2008 11	52-54	
Techniques & Architecture	2007 489	47-55	
Techniques & Architecture	2007 489	84-87	
Techniques & Architecture	2007 490	53-55	
Techniques & Architecture	2003 464	32-34	+
Techniques & Architecture	2003 464	35-39	
Techniques & Architecture	2003 464	44-45	
Techniques & Architecture	2003 464	94-97	+
Techniques & Architecture	2003 464	98-99	
Techniques & Architecture	2006 483	70-73	( ) +
Werk, Bauen+Wohnen	2002 03	51-55	
Werk, Bauen+Wohnen	2003 03	50-53	
Werk, Bauen+Wohnen	2003 04	61-64	
Werk, Bauen+Wohnen	2008 10	14-21	
Werk, Bauen+Wohnen	2009 09	28-29	
Werk, Bauen+Wohnen	2009 1/2	10-19	
Werk, Bauen+Wohnen	2003 03	54	+
World Architecture	2008 09	06-11	.
World Architecture	2008 09	58-63	

World Architecture	2008 09	80-83	
World Architecture Masters	2007 04	72-75	
World Architecture Masters	2008 06	74-84	
World Architecture Masters	2008 07	60-63	
World Architecture Masters	2009 11	08-11	
World Architecture Masters	2009 11	36-49	
	2008 47	60-62	( , , , )
	2006 41	154-159	

	2006 41	154-159	
	2006 41	78-83	
	2006 41	78-83	( )
	2006 02	198-205	
	2006 02	206-215	) - ( , ,

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