

1 調査団員・氏名

第一次現地派遣

No	担当	氏名	所属
官団員			
1	団長	米山芳春	独立行政法人国際協力機構 人間開発部 次長
2	協力企画 1	琴浦容子	独立行政法人国際協力機構
コンサルタント団員			
4	総括/医療機材 1	梅宮洋亮	株式会社フジタプランニング
5	医療機材 2/維持管理 1	青木正幸	株式会社フジタプランニング
6	医療機材 3/積算 1	吉野洋	株式会社フジタプランニング
7	医療機材 4	小川貴志	合同会社 AMHN
8	医療機材 5	金子昭生	合同会社 AMHN
9	施設/設備計画	中村宏一	株式会社横河建築設計事務所
10	研修/維持管理 2/積算 2	辰野加奈	株式会社フジタプランニング

第二次現地調査

No	担当	氏名	所属
官団員			
1	団長	金井要	独立行政法人国際協力機構 技術審議役
2	協力企画 1	琴浦容子	独立行政法人国際協力機構
コンサルタント団員			
4	総括/医療機材 1	梅宮洋亮	株式会社フジタプランニング
5	医療機材 2/維持管理 1	青木正幸	株式会社フジタプランニング

調査行程表

資料2

第1次現地派遣日程

		官団員		コンサルタント団員									
		団長 協力企画1	協力企画1	総括/医療機材1	医療機材2/維持管理1	医療機材3/備置1	医療機材4	医療機材5	施設/設備計画	研修/維持管理2/備置2			
月日		米山芳春	琴浦容子	梅宮洋亮	青木正幸	吉野 洋	小川 貴志	金子 昭生	中村宏一	沢野加奈			
1	2013/8/28	水	NRT/VIE	NRT/VIE	1 NRT/VIE	1 NRT/VIE							
2	2013/8/29	水	VIE/KIV, 保健省	VIE/KIV, 保健省	2 VIE/KIV, 保健省	2 総括に同じ							
3	2013/8/30	金	保健省, PMT	保健省, PMT	3 保健省, 現地調査 (OI)	3 総括に同じ							
4	2013/8/31	土	KIV/VIE	KIV/VIE	4 団内会議 (代理店調査)	4 団内会議 (代理店調査)							
5	2013/9/1	日	NRT	NRT	5 団内会議 (代理店調査)	5 団内会議 (代理店調査)							
6	2013/9/2	日			6 現地調査 (CNSP, ST)	6 総括に同じ							
7	2013/9/3	火			7 現地調査 (CNSP 保健省)	7 総括に同じ							
8	2013/9/4	水			8 現地調査 (CNSP/MU)	8 SCR							
9	2013/9/5	木			9 現地調査 (CNSP/MU, 保健)	9 SCR							
10	2013/9/6	金			10 現地調査 (CNSP), Company for EMI Field Survey	10 SCR, Company for EMI Field Survey							
11	2013/9/7	土			11 団内会議 (代理店調査)	11 団内会議 (代理店調査)							
12	2013/9/8	日			12 団内会議 (代理店調査)	12 団内会議 (代理店調査)							
13	2013/9/9	月			13 現地調査 (OI)	13 SCR							
14	2013/9/10	火			14 現地調査 (CNSP, ST), 保健	14 代理店調査, 保健省							
15	2013/9/11	水			15 現地調査 (CNSP)	15 SCR							
16	2013/9/12	木			16 現地調査 (CNSP)	16 SCR							
17	2013/9/13	金			17 現地調査 (CNSP)	17 SCR	1 NRT/VIE						
18	2013/9/14	土			18 団内会議 (代理店調査)	18 団内会議 (代理店調査)	2 VIE/KIV						
19	2013/9/15	日			19 団内会議 (代理店調査)	19 団内会議 (代理店調査)	3 団内会議						
20	2013/9/16	月			20 現地調査 (CNSP)	20 現地調査 (RCH)	4 保健						
21	2013/9/17	火			21 現地調査 (CNSP)	21 現地調査 (RCH)	5 現地調査 (ST)						
22	2013/9/18	水			22 現地調査 (CNSP)	22 現地調査 (RCH)	6 現地調査 (ST)						
23	2013/9/19	木			23 現地調査 (RCH)	23 現地調査 (RCH)	7 現地調査 (OI)						
24	2013/9/20	金			24 現地調査 (RCH)	24 現地調査 (RCH)	8 CNSD/M						
25	2013/9/21	土			25 団内会議	25 団内会議	9 団内会議						
26	2013/9/22	日			26 資料整理	26 資料整理	10 資料整理						
27	2013/9/23	月			27 現地調査 (RCH)	27 現地調査 (OI)	11 現地調査 (現地調査 (OI)						
28	2013/9/24	火			28 現地調査 (OI)	28 現地調査 (ST)	12 現地調査 (現地調査 (OI)						
29	2013/9/25	水			29 現地調査 (OI)	29 現地調査 (ST)	13 現地調査 (現地調査 (OI)						
30	2013/9/26	木			30 保健省, 団内会議	30 保健省, 団内会議	14 現地調査 (現地調査 (OI)						
31	2013/9/27	金			31 保健省, 団内会議	31 保健省, 団内会議	15 現地調査 (ST)						
32	2013/9/28	土			32 団内会議	32 団内会議	16 団内会議						
33	2013/9/29	日			33 資料整理	33 資料整理	17 資料整理						
34	2013/9/30	月			34 現地調査 (OI)	34 現地調査 (EH)	18 現地調査 (ST)						
35	2013/10/1	火			35 現地調査 (ST)	35 現地調査 (EH)	19 現地調査 (ST)						
36	2013/10/2	水			36 現地調査 (ST)	36 現地調査 (EH)	20 現地調査 (ST)						
37	2013/10/3	木			37 現地調査 (RCH)	37 現地調査 (EH)	21 現地調査 (EH)						
38	2013/10/4	金			38 保健省, 団内会議	38 保健省, 団内会議	22 現地調査 (EH)						
39	2013/10/5	土			39 団内会議	39 KIV/VIE	23 団内会議						
40	2013/10/6	日			40 NRT	24 資料整理							
41	2013/10/7	月			41 現地調査 (MCH)	25 現地調査 (EH)							
42	2013/10/8	火			42 現地調査 (CNSP/保健省)	26 現地調査 (EH)							
43	2013/10/9	水			43 現地調査 (CNSP/保健省)	27 現地調査 (MCH)							
44	2013/10/10	木			44 KIV/VIE	28 現地調査 (MCH)							
45	2013/10/11	金			45 NRT	29 現地調査 (MCH)							
46	2013/10/12	土				30 団内会議							
47	2013/10/13	日				31 資料整理							
48	2013/10/14	月				32 VIE/OTV (ルーマニア)							
49	2013/10/15	火				33 代理店調査 (ルーマニア)							
50	2013/10/16	水				34 代理店調査 (ルーマニア)							
51	2013/10/17	木				35 代理店調査 (ルーマニア)							
52	2013/10/18	金				36 OTV/VIE (ルーマニア)							
53	2013/10/19	土				37 団内会議			1 NRT/VIE				
54	2013/10/20	日				38 資料整理			2 VIE/KIV				
55	2013/10/21	月			1 NRT/VIE	39 現地調査 (OI)			3 現地調査				
56	2013/10/22	火			2 VIE/KIV	40 現地調査 (OI)			4 現地調査				
57	2013/10/23	水			3 現地調査 (RCH)	41 現地調査 (OI)			5 現地調査				
58	2013/10/24	木			4 現地調査 (RCH)	42 現地調査 (ST)			6 現地調査				
59	2013/10/25	金			5 現地調査 (RCH)	43 現地調査 (ST)			7 現地調査				
60	2013/10/26	土			6 団内会議	44 団内会議			8 団内会議				
61	2013/10/27	日			7 資料整理	45 資料整理			9 資料整理				
62	2013/10/28	月			8 現地調査 (RCH)	46 現地調査 (ST)			10 現地調査				
63	2013/10/29	火			1 NRT/VIE/KIV	9 現地調査 (RCH)	47 現地調査 (EH)		11 現地調査				
64	2013/10/30	水			2 保健省	10 現地調査 (RCH)	48 現地調査 (EH)		12 現地調査				
65	2013/10/31	木			3 保健省	11 現地調査 (RCH)	49 現地調査 (EH)		13 現地調査				
66	2013/11/1	金			4 保健省	12 現地調査 (RCH)	50 現地調査 (MCH)		14 現地調査				
67	2013/11/2	土			5 団内会議	13 団内会議	51 団内会議		15 団内会議				
68	2013/11/3	日			6 資料整理	14 資料整理	52 資料整理		16 資料整理				
69	2013/11/4	月			7 現地調査 (CNSP)	15 現地調査 (OI)	53 現地調査 (MCH)		17 KIV/VIE				
70	2013/11/5	火			8 現地調査 (CNSP)	16 現地調査 (OI)	54 現地調査 (MCH)		18 NRT				
71	2013/11/6	水			9 現地調査 (CNSP)	17 現地調査 (OI)	55 現地調査 (MCH)						
72	2013/11/7	木			10 現地調査 (RCH)	18 現地調査 (OI)	56 現地調査 (MCH)	1 NRT/IST					
73	2013/11/8	金			11 現地調査 (RCH)	19 現地調査 (OI)	57 現地調査 (MCH)	2 IST/KIV					
74	2013/11/9	土			12 団内会議	20 団内会議	58 団内会議	3 団内会議		1 NRT/IST			
75	2013/11/10	日			13 資料整理	21 資料整理	59 資料整理	4 資料整理		2 IST/KIV			
76	2013/11/11	月			14 現地調査 (RCH)	22 現地調査 (ST)	60 現地調査 (OI)	5 現地調査 (CNSP)		3 現地調査			
77	2013/11/12	火			15 現地調査 (OI)	23 現地調査 (ST)	61 現地調査 (OI)	6 現地調査 (CNSP)		4 現地調査			
78	2013/11/13	水			16 現地調査 (OI)	24 現地調査 (ST)	62 現地調査 (OI)	7 現地調査 (CNSP)		5 現地調査			
79	2013/11/14	木			17 現地調査 (OI)	25 現地調査 (ST)	63 現地調査 (OI)	8 現地調査 (CNSP)		6 現地調査			
80	2013/11/15	金			18 現地調査 (OI)	26 現地調査 (ST)	64 現地調査 (OI)	9 現地調査 (CNSP)		7 現地調査			
81	2013/11/16	土			19 団内会議	27 団内会議	65 団内会議	10 団内会議		8 団内会議			
82	2013/11/17	日			20 資料整理	28 資料整理	66 資料整理	11 資料整理		9 資料整理			
83	2013/11/18	月			21 現地調査 (ST)	29 現地調査 (EH)	67 現地調査 (ST)	12 現地調査 (CNSP)		10 現地調査			
84	2013/11/19	火			22 現地調査 (ST)	30 現地調査 (EH)	68 現地調査 (ST)	13 現地調査 (CNSP)		11 現地調査			
85	2013/11/20	水			23 現地調査 (ST)	31 現地調査 (EH)	69 現地調査 (ST)	14 現地調査 (CNSP)		12 現地調査			
86	2013/11/21	木			24 現地調査 (EH)	32 現地調査 (EH)	70 現地調査 (ST)	15 現地調査 (CNSP)		13 現地調査			
87	2013/11/22	金			25 現地調査 (EH)	33 現地調査 (EH)	71 現地調査 (ST)	16 現地調査 (CNSP)		14 現地調査			
88	2013/11/23	土			26 団内会議	34 団内会議	72 団内会議	17 団内会議		15 団内会議			
89	2013/11/24	日			27 団内会議	35 保健省, 団内会議	73 資料整理	18 資料整理		16 資料整理			
90	2013/11/25	月			28 現地調査 (EH)	36 現地調査 (RCH)	74 現地調査 (EH)	19 現地調査 (CNSP)		17 現地調査			
91	2013/11/26	火			29 現地調査 (MCH)	37 現地調査 (RCH)	75 現地調査 (EH)	20 現地調査 (CNSP)		18 現地調査			
92	2013/11/27	水			30 現地調査 (MCH)	38 現地調査 (RCH)	76 現地調査 (EH)	21 現地調査 (CNSP)		19 現地調査			
93	2013/11/28	木			31 現地調査 (CNSP/保健)	39 現地調査 (RCH)	77 現地調査 (EH)	22 現地調査 (CNSP)		20 現地調査			
94	2013/11/29	金			32 現地調査 (CNSP/保健)	40 現地調査 (RCH)	78 現地調査 (EH)	23 現地調査 (CNSP)		21 現地調査			
95	2013/11/30	土			33 団内会議	41 団内会議	79 団内会議	24 団内会議		22 団内会議			
96	2013/12/1	日			34 KIV/VIE	42 資料整理	80 資料整理	25 資料整理		23 KIV/IST			
97	2013/12/2	月			35 NRT	43 現地調査 (現地調査)	81 現地調査 (MCH)	26 現地調査 (CNSP)		24 IST/NRT			
98	2013/12/3	火				44 現地調査 (現地調査)	82 現地調査 (MCH)	27 現地調査 (CNSP)					
99	2013/12/4	水				45 現地調査 (現地調査)	83 現地調査 (MCH)	28 現地調査 (CNSP)					
100	2013/12/5	木				46 現地調査 (現地調査)	84 現地調査 (MCH)	29 現地調査 (CNSP)	1 NRT/IST				
101	2013/12/6	金				47 現地調査 (現地調査)	85 現地調査 (MCH)	30 現地調査 (CNSP)	2 IST/KIV				
102	2013/12/7	土				48 団内会議	86 団内会議	31 団内会議		3 団内会議			
103	2013/12/8	日				49 資料整理	87 資料整理	32 資料整理		4 資料整理			
104	2013/12/9	月				50 現地調査 (ST)	88 現地調査 (MCH)	33 現地調査 (CNSP)	5 現地調査 (CNSP)				
105	2013/12/10	火				51 現地調査 (ST)	89 現地調査 (MCH)	34 現地調査 (CNSP)	6 現地調査 (CNSP)				
106	2013/12/11	水				52 現地調査 (ST)	90 KIV/VIE	35 現地調査 (CNSP)	7 現地調査 (CNSP)				
107	2013/12/12	木				53 現地調査 (ST)	91 VIE	36 現地調査 (CNSP)	8 現地調査 (MCH)				
108	2013/12/13	金				54 現地調査 (ST)	92 NRT	37 現地調査 (CNSP)	9 現地調査 (MCH)				
109	2013/12/14	土				55 団内会議	38 団内会議	10 団内会議					
110	2013/12/15	日				56 資料整理	39 資料整理	11 資料整理					
111	2013/12/16	月				57 現地調査 (RCH)	40 現地調査 (CNSP)	12 現地調査 (EH)					
112	2013/12/17	火				58 現地調査 (RCH)	41 現地調査 (CNSP)	13 現地調査 (EH)					
113	2013/12/18	水				59 KIV/VIE	42 現地調査 (EH)	14 現地調査 (EH)					
114	2013/12/19	木				60 VIE	43 現地調査 (CNSP)	15 現地調査 (MCH)					
115	2013/12/20	金				61 NRT	44 KIV/IST	16 団内会議					
116	2013/12/21	土					45 IST/NRT	17 資料整理					
117	2013/12/22	日						18 現地調査 (MCH)					
118	2013/12/23	月						19 現地調査 (MCH)					
119	2013/12/24	火						20 現地調査 (ST)					
120	2013/12/25	水						21 現地調査 (ST)					
121	2013/12/26	木						22 現地調査 (ST)					
122	2013/12/27	金						23 KIV/IST					
123	2013/12/28	土						24 IST/NRT					

SCR	国立共和国病院		
ICSDOSM	国立母子科学医療センター	CNSPMU	国立救急医療科学センター
SCR Em. Cotaga	エミリアンツォガ国立小児病院	Sf. Treime Hp	キシニョフ市立聖トリニティ病院
OI	国立がん研究医療センター	CNSP	国立公衆衛生センター

第2次現地派遣日程

			官団員		コンサルタント団員	
			団長	協力企画1	総括/医療機材1	医療機材2/維持管理1
月日			金井要	琴浦容子	梅宮洋亮	青木正幸
1	2014/1/21	火			1 NRT/IST	1 NRT/IST
2	2014/1/22	水			2 SIT/KIV, 保健省,	2 総括に同じ
3	2014/1/23	木			3 保健省	3 総括に同じ
4	2014/1/24	金			4 団内会議	4 団内会議
5	2014/1/25	土			5 資料整理	5 資料整理
6	2014/1/26	日			6 CNSP	6 RCH
7	2014/1/27	月	NRT/MUN	NRT/MUN	7 RCH	7 RCH
8	2014/1/28	火	MUN/KIV,保健省	MUN/KIV, 保健省	8 OI, ST	8 ST
9	2014/1/29	水	MCH, RCH, EH	CNSP, RCH, EH	9 EH,MCH	9 OI
10	2014/1/30	木	ST, OI, CNSP	ST, OI, MCH	10 保健省	10 総括に同じ
11	2014/1/31	金	NRT/MUN	NRT/MUN	11 KIV/IST	11 KIV/IST
12	2014/2/1	土	NRT	NRT	12 IST/NRT	12 IST/NRT

保健省

	氏名	職位	所属部署
1 - 1	Andrei Usatii	Minister	
1 - 2	Svetlana Cotelea	Duputy Minister	Public Health Department
1 - 3	Adrian Vartic	Duputy Minister	
1 - 4	Andrei Matei	Head	Department of Health Insurance, Budgeting and Finance
1 - 5	Oleg Barba	General Director,	National Center for Health Management
1 - 6	Andrei Romanjenco	Head	Divison of Human Resource Services
1 - 7	Alexandru Holostenco		Divison of Human Resource Services

医薬品・医療機材庁

	氏名	職位	所属部署
2 - 1	Alexandru Coman	Director	Agency of Medication and Medical Equipment

国立共和国病院

	氏名	職位	所属部署
3 - 1	Sergiu Popa	General Director	Republican Clinical Hospital
3 - 2	Sergiu Ungureanu	Head of Surgerv, Deputy Director	Republican Clinical Hospital

国立母子科学医療センター

	氏名	職位	所属部署
4 - 1	Gatcan Stefan	General Manager	Institute of Scientific Research in the Field of Mother and Child
4 - 2	Petru Stratulat	Duputy Director	Institute of Scientific Research in the Field of Mother and Child
4 - 3	Valeriu Palii	Chief, BME	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 4	Victoria Sacara	Lab chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 5	Vitalie Cotorcea	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 6	Liliana Fuior		BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 7	Elena Gladun	Ob/Gyn	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 8	Sergiu Bejenaru	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 9	Ludmila Tiron	Deputy Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 0	Victor Ciobanu	Doctor	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 1	Vitalie Cotorcea	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 2	Nicolae Doni	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 3	Valentina Rosca	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 4	Viorica Cravcescu	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 5	Alexandra Guscova	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 6	Ana Ceban	Bacteriology coordinator	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 7	Vilor Vulpe		BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 8	Victoria Vornic	Doctor	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 1 9	Vitalie Litovcenco	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 2 0	Grigore Covalciuc	Chief	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection
4 - 2 1	Adelina	Chief nurse	BME Dept, Institute of Scientific Research in the Field of Mother and Child Protection

エミリアン・コツァガ共和国小児病院

	Name	Position/ Title	Office
5 - 1	Tatiana Raba	Director	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 2	Jon Cowazvitch	BME	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 3	Grigore Nicol	Chief of department	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 4	Ion Carasic	Chief of department	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 5	Viorica Ambroci	Chief of department	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 6	Angelina Chiaburu	Head of Center	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 7	Octavian Lesnic	Director Cotaga	Republican Clinical Hospital for Children "Em. Coțaga"
5 - 8	Mihail Maniuc	Chief of ENT	Republican Clinical Hospital for Children "Em. Coțaga"

国立がん研究医療センター

	氏名	職位	所属部署
6-1	Victor Cernat	Director	Oncology Institute
6-2	Seghei Stepa	Vice Director, Surgery	Oncology Institute
6-3	Igor Gavrilasenco	Doctor	Oncology Institute
6-4	Sergiu Mura	Department Chief	Oncology Institute
6-5	Vitalie Godoroja	Doctor	Oncology Institute
6-6	Serghei Doruc	Doctor	Oncology Institute
6-7	Anatolie Buzu	Department Chief	Oncology Institute
6-8	Nicolae Piterschii	Deputy Chief	Oncology Institute
6-9	Iurie Chelea	Chief ICU	Oncology Institute
6-10	Vitalie Tirbu	Department Head	Oncology Institute
6-11	Anatol Mustea	Department Head	Oncology Institute
6-12	Valentin Tatian	Cordinator	Oncology Institute
6-13	Valeriu Stratila	Doctor	Oncology Institute

国立救急医療科学センター

	氏名	職位	所属部署
7-1	Gheorghe Ciobanu	Director	National Scientific-Practical Center for Emergency Medicine
7-2	Liviu VOVC	Prim-Vice director	National Scientific-Practical Center for Emergency Medicine
7-3	Leontii	Deputy director	National Scientific-Practical Center for Emergency Medicine
7-4	Gheorghe Gorceag	Chief, BME	National Scientific-Practical Center for Emergency Medicine
7-5	Ion Chesov	Professor Assistant	National Scientific-Practical Center for Emergency Medicine
7-6	Sergiu Sandu	Professor Assistant	National Scientific-Practical Center for Emergency Medicine
7-7	Sergiu Cobiletschi	Anaesthesia ICU, Head	National Scientific-Practical Center for Emergency Medicine
7-8	Maria Brinza	Department head	National Scientific-Practical Center for Emergency Medicine
7-9	Elvira Crocos	Technician	National Scientific-Practical Center for Emergency Medicine
7-10	Diana Zagadailov	Doctor	National Scientific-Practical Center for Emergency Medicine
7-11	Vladimir Jilin	Doctor	National Scientific-Practical Center for Emergency Medicine
7-12	Virgiliu Vove	Doctor	National Scientific-Practical Center for Emergency Medicine
7-13	Sergiu Zaharia	Head of OR	National Scientific-Practical Center for Emergency Medicine
7-14	Andrei Dolghii	Head	National Scientific-Practical Center for Emergency Medicine
7-15	Anatolie Ghereg	Doctor	National Scientific-Practical Center for Emergency Medicine
7-16	Gheorghe Gorceag	Bio engineer	National Scientific-Practical Center for Emergency Medicine

キシノウ市立聖トリニティ病院

	氏名	職位	所属部署
8-1	Terente Simion	Director	Municipal Clinical Hospital "Sfanta Treime"
8-2	Gheorghe Strajescu	Vice Director, Surgical	Municipal Clinical Hospital "Sfanta Treime"
8-3	Galina Zavatin	Deputy Director	Municipal Clinical Hospital "Sfanta Treime"
8-4	Tatiana Tanasov	Nurse	Municipal Clinical Hospital "Sfanta Treime"
8-5	Zinaida Berectari	Chief Nurse	Municipal Clinical Hospital "Sfanta Treime"
8-6	Lilia Tiganciu	Head	Municipal Clinical Hospital "Sfanta Treime"
8-7	Victor Munteanu	Head	Municipal Clinical Hospital "Sfanta Treime"
8-8	Cornelia Gutu-Bahov	Head	Municipal Clinical Hospital "Sfanta Treime"
8-9	Stanislav Dimitrisin	Head	Municipal Clinical Hospital "Sfanta Treime"
8-10	V. Sirbu	Head	Municipal Clinical Hospital "Sfanta Treime"
8-11	Constantin Ieseanu	Head	Municipal Clinical Hospital "Sfanta Treime"

国立公衆衛生センター

	氏名	職位	所属部署
9-1	Shalaru Ion	Director General	National Center for Public Health
9-2	Valeriu Pantea	Head	Science Department, National Center for Public Health
9-3	Raisa	Head	Sanitary Hygenic Lab, National Center for Public Health

保険組合

	氏名	職位	所属部署
10-1	Mircea Buga	Director General	National Health Insurance Company

世界保健機関(WHO)

	氏名	職位	所属部署
11-1	Silviu Domete	Health System Officer	World Health Organization (WHO)

世界銀行(WB)

	氏名	職位	所属部署
12-1	James A. Cercone	Consultant	World Bank (WB)

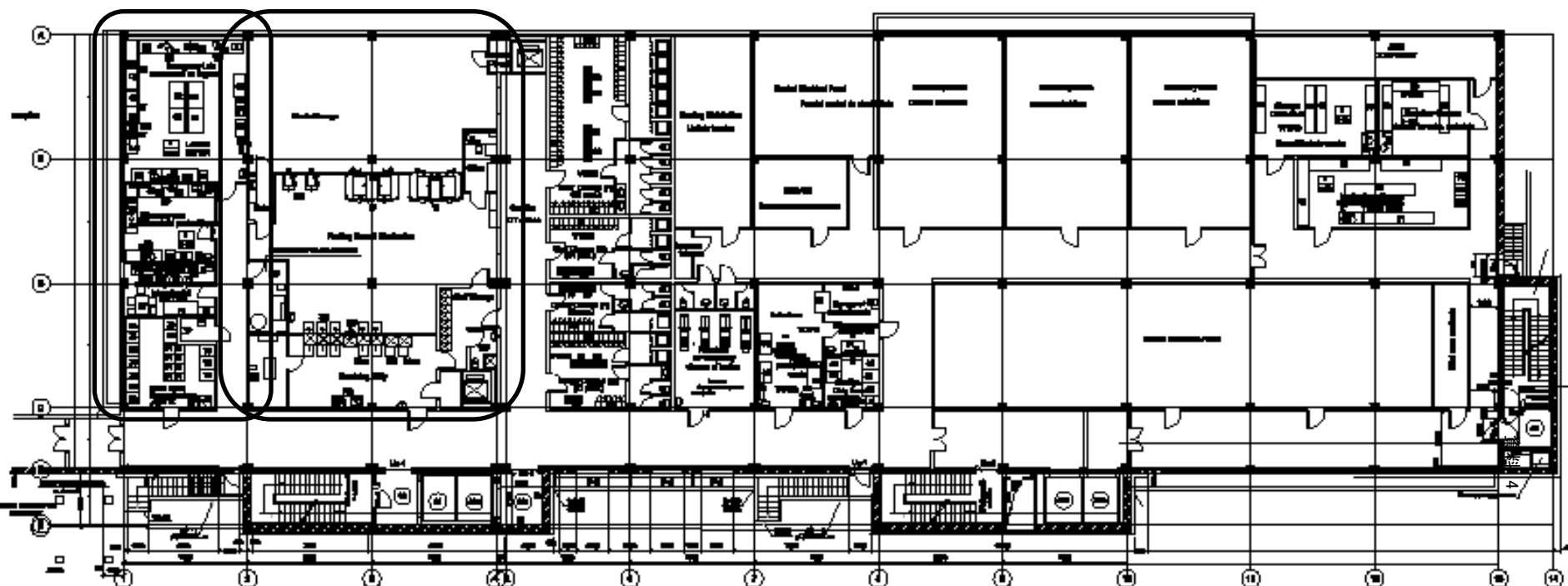
欧州連合(EU)

	氏名	職位	所属部署
13-1	Viorica Cretu	Deputy Country Director	European Union(EU)

Republican Clinical Hospital, Surgical Block, BF Location of Laboratory Equipment and CSSD Equipment

Laboratory	Code No. 042 (RH-60)	Clean Bench	---	1 unit
CSSD	Code No. 072 (RH-69)	Endoscope Washer / Disinfector A	---	1 unit
CSSD	Code No. 100 (RH-62)	High Pressure Steam Sterilizer A	---	2 units
CSSD	Code No. 180 (RH-63)	Plasma sterilizer	---	1 unit
CSSD	Code No. 265 (RH-64)	Washer / Disinfector A	---	2 units

Laboratory CSSD

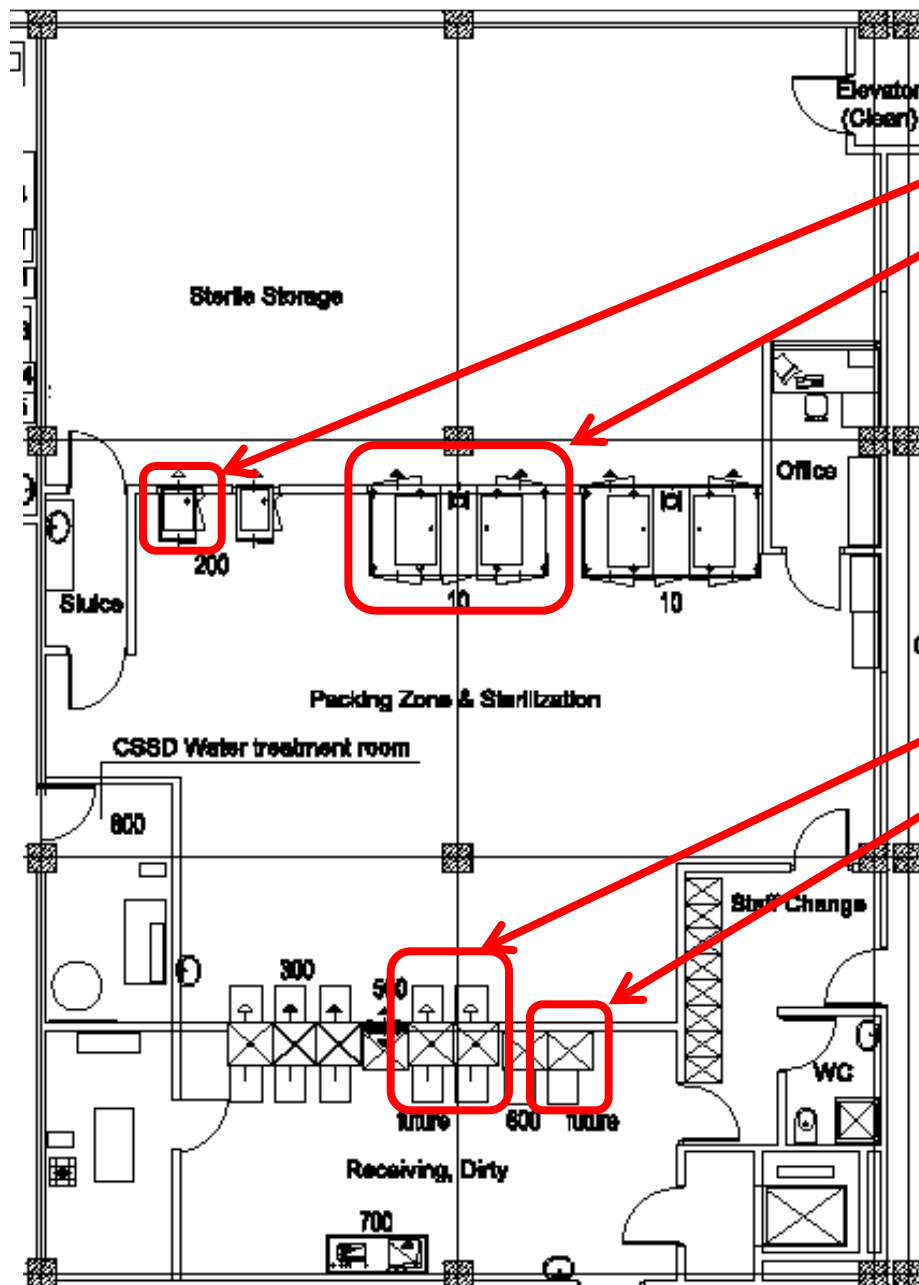


Technical drawing of a building floor plan, specifically a kitchen area. The drawing includes various annotations and dimensions:

- Top Center:** A circle containing the number "5".
- Top Left:** A square containing the letter "B".
- Top Right:** "RAG 300x200" and "L = 290".
- Center:** "K 11", "RAS-185KV-E", "Ø250", "L = 695", "RAG 300x200", "L = 348", "Ø200", "L = 290", "Ø200", "L = 500", "Ø250", "L = 580", "Ø200", "L = 295", "RAG 300x200", "L = 295", "Ø250", "L = 690", "Ø200", "L = 285", "Ø200", "L = 1285", "RAG 300x150", "L = 285", "Ø355", "L = 1553", "RAG 300x150".
- Bottom Left:** A red square containing a door symbol, with a red arrow pointing to it from the right.
- Bottom Center:** "Ø200", "Ø200", "L = 1553", "RAG 300x150".
- Right Side:** A vertical line with a downward arrow and the number "63".

- * Supplier shall connect the flexible tube from Clean Bench to ceiling suction piping (diameter 200 mm) provided by the constructor.
- * Supplier shall connect the power supply from the distribution box.

CSSD



Plasma Sterilizer
High Pressure Steam Sterilizer

Washer / Disinfector A
Endoscope Washer Disinfector

Remarks

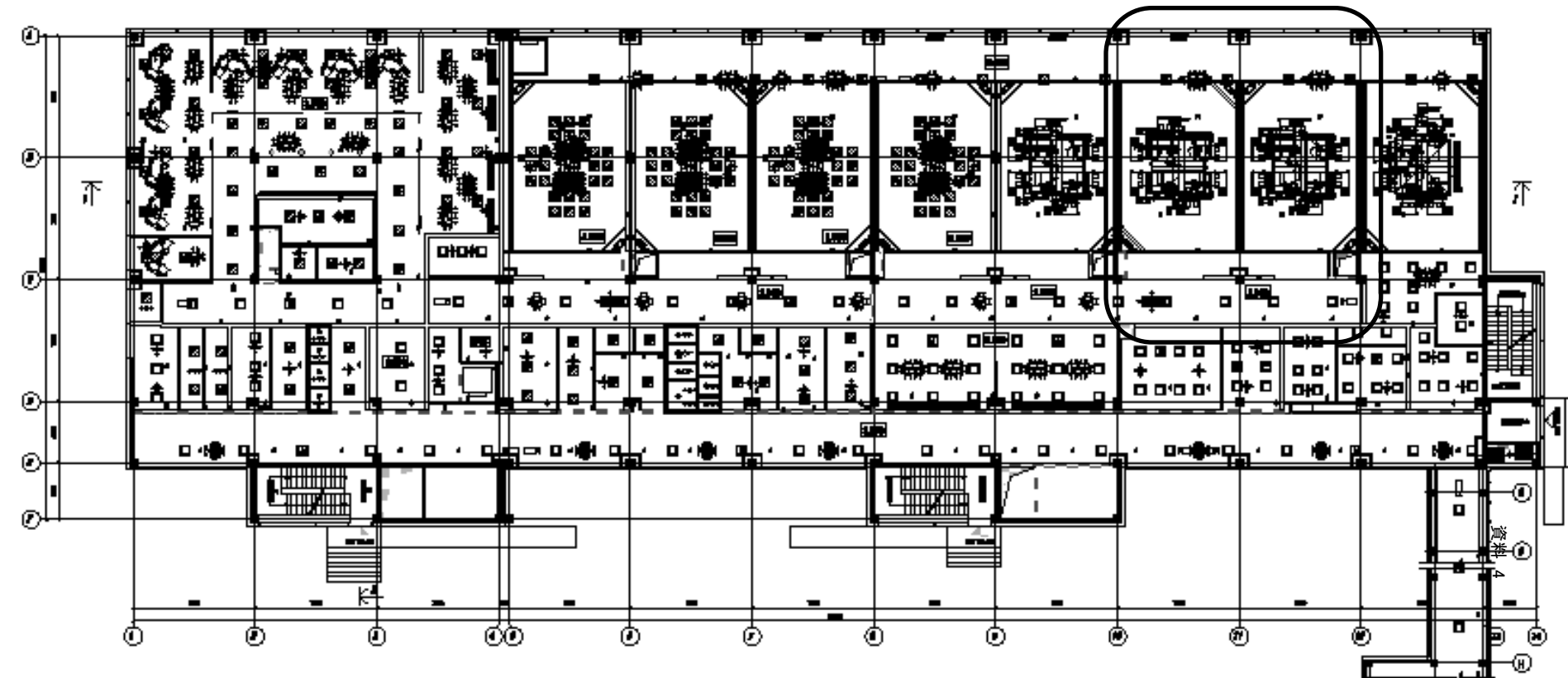
- * Supplier shall remove the temporary partition wall between each area . After finish installation of CSSD equipment., mount the panel and seal.
- * Supplier shall connect the power supply from the distribution box. Distance from the distribution box to each equipment will be informed after as-built drawing has published.
- * Supplier shall connect the water supply and drain piping from stop valve.

Republican Clinical Hospital, Surgical Block, 1F

Location of Pendant & Vertical laminar flow unit -

Operation Theatre	Code No. 146 (RH-32)	Operation Light, Ceiling A	--- 2 units
Operation Theatre	Code No. 174 (RH-58)	Pendant for Anesthesia	--- 2 units
Operation Theatre	Code No. 175 (RH-59)	Pendant for Surgical	--- 2 units
Operation Theatre	Code No. 244 (RH-61)	Vertical Laminar Flow Unit	--- 2 units

Operation Theatre No. 6 & No.7



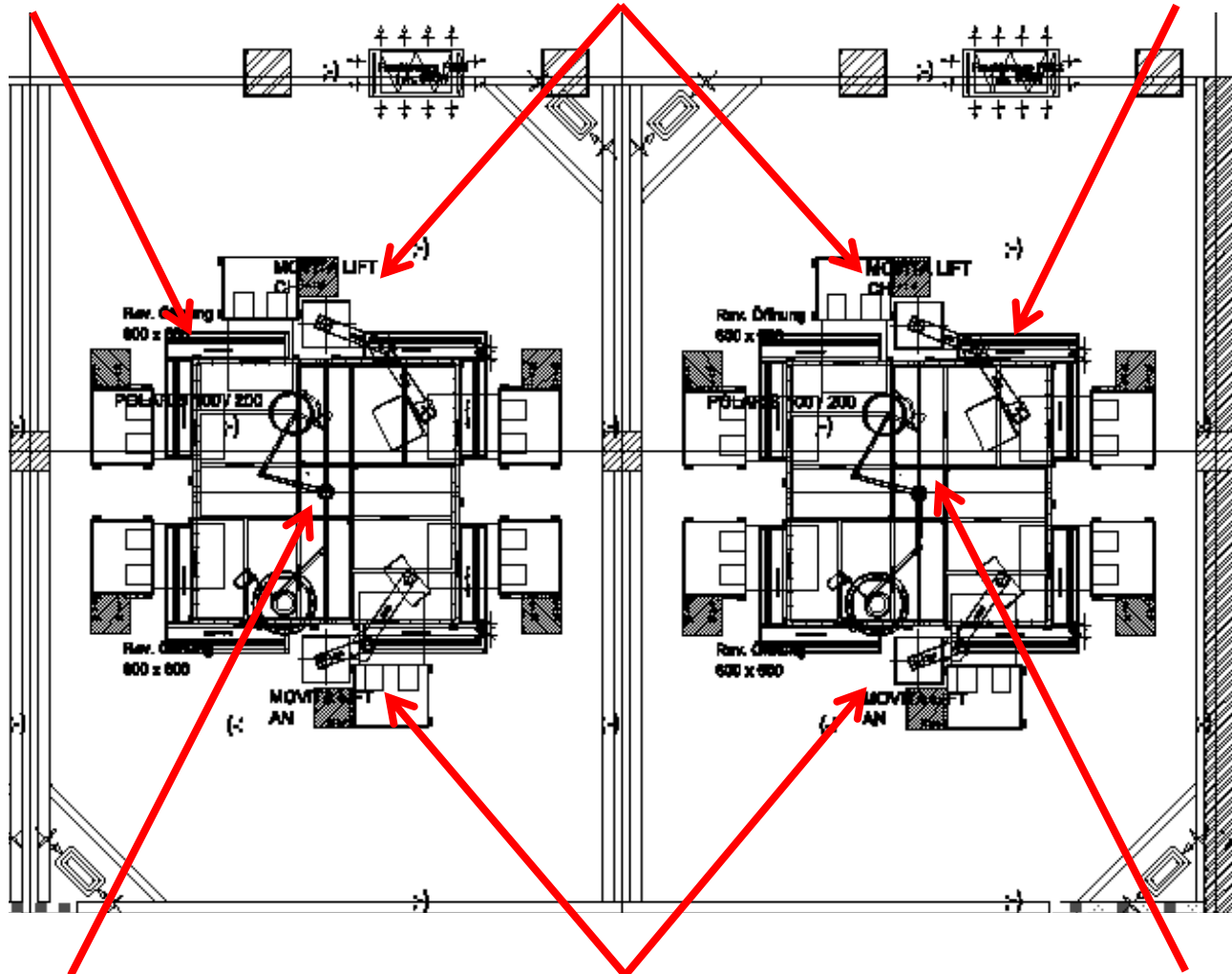
Operation Theatre No. 6

Operation Theatre No. 7

Vertical Laminar Flow Unit

Pendant for Surgical

Vertical Laminar Flow Unit

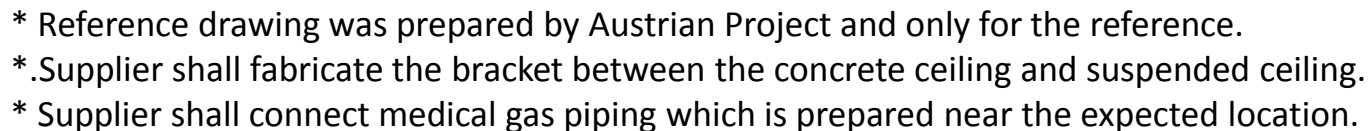


Operation Light, Ceiling A

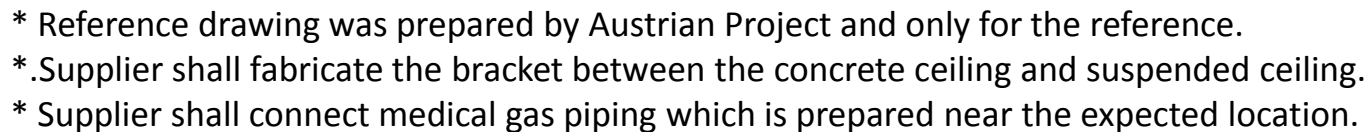
Pendant for Anesthesia

Operation Light, Ceiling A

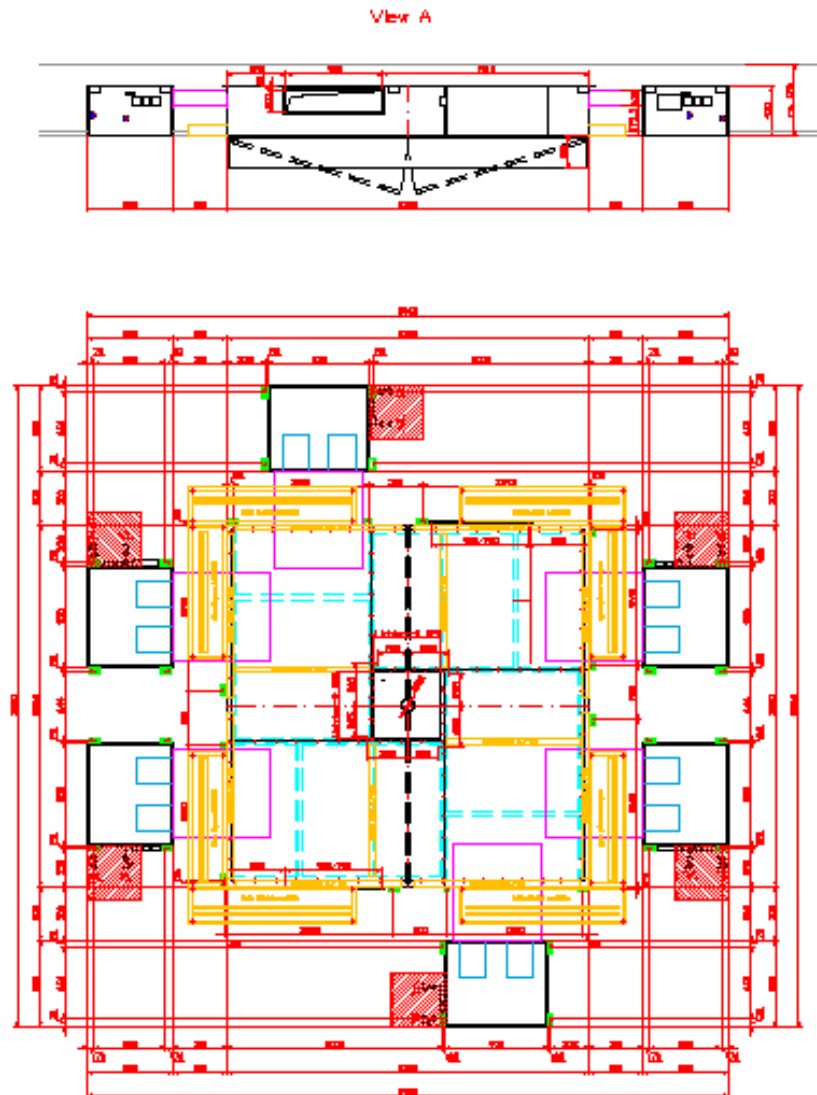
資料 4



頁不十



Reference drawing of Code No. 244 (RH-61) Vertical Laminar Flow Unit --- 2 units



Remarks

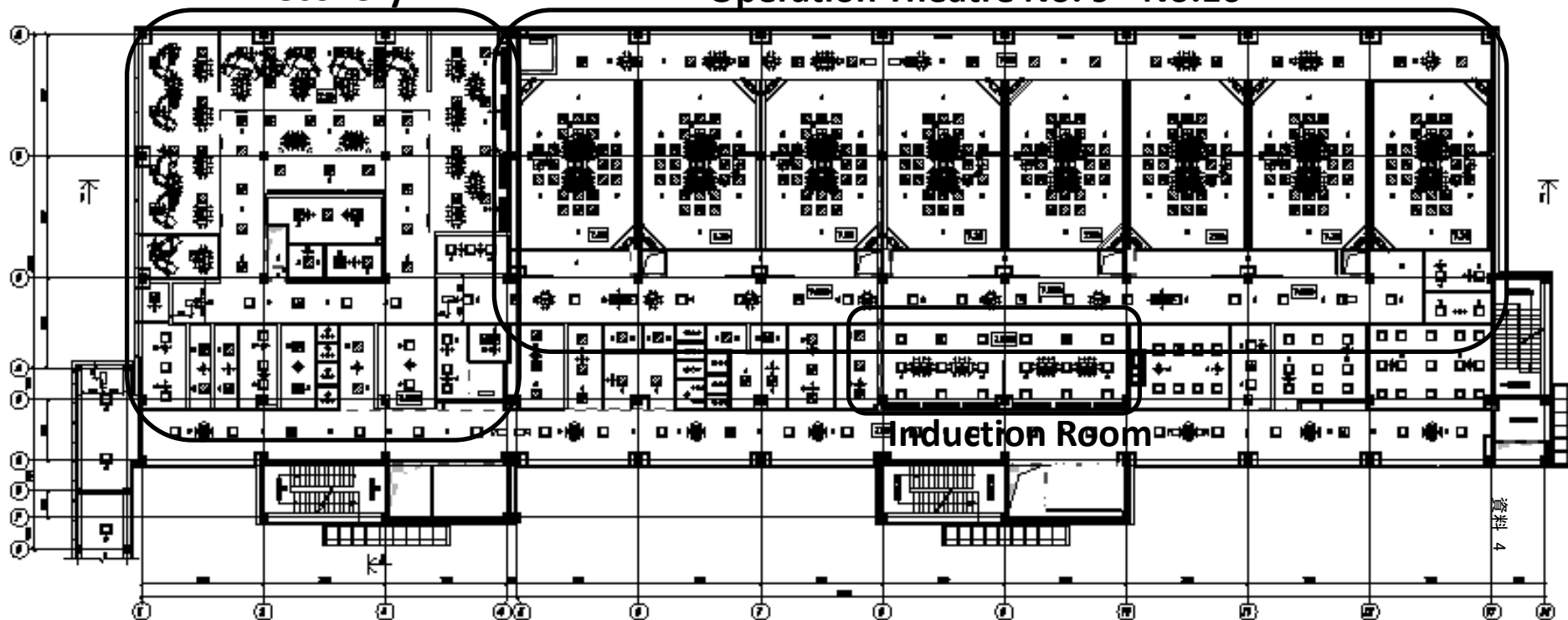
- * Reference drawing was prepared by Austrian Project and only for the reference.
- *.Supplier shall fabricate the bracket between the concrete ceiling and suspended ceiling.
- * Supplier shall connect air supply ducting which is prepared near the expected location.
- * Supplier shall coordinate the installation work with Ceiling Operation Light and Pendants.
- * Supplier shall install the suspended ceiling at the end.

Location of Pendant & Bed Head Unit - Republican Clinical Hospital, Surgical Block, 2F

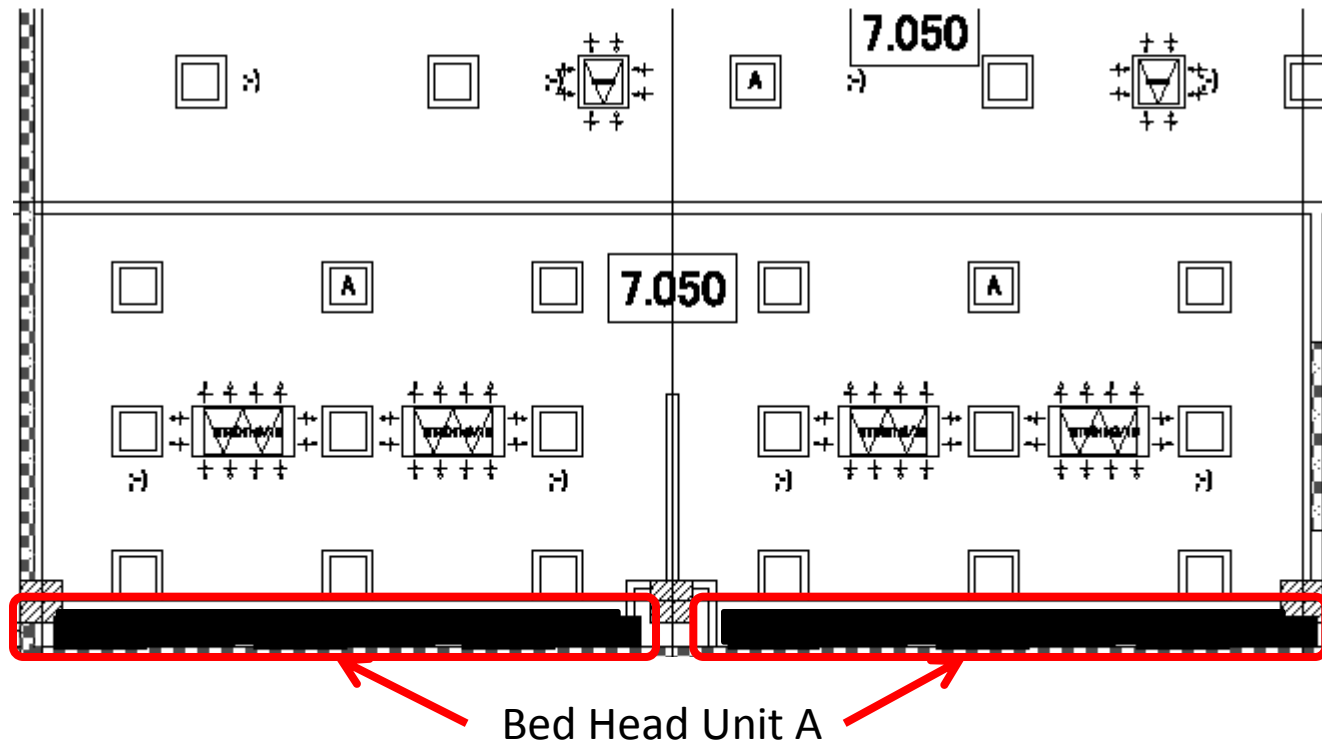
Induction Room	Code NO. 112(RH-55) ICU Bed Head Unit A	--- 2 units
Operation Theatre	Code No. 146 (RH-32) Operation Light, Ceiling A	--- 8 units
Operation Theatre	Code No. 174 (RH-58) Pendant for Anesthesia	--- 8 units
Operation Theatre	Code No. 175 (RH-59) Pendant for Surgical	--- 8 units
Recovery	Code No. 176 (RH-57) Pendants for ICU	--- 9 units

Recovery

Operation Theatre No. 9 - No.16



Induction Room

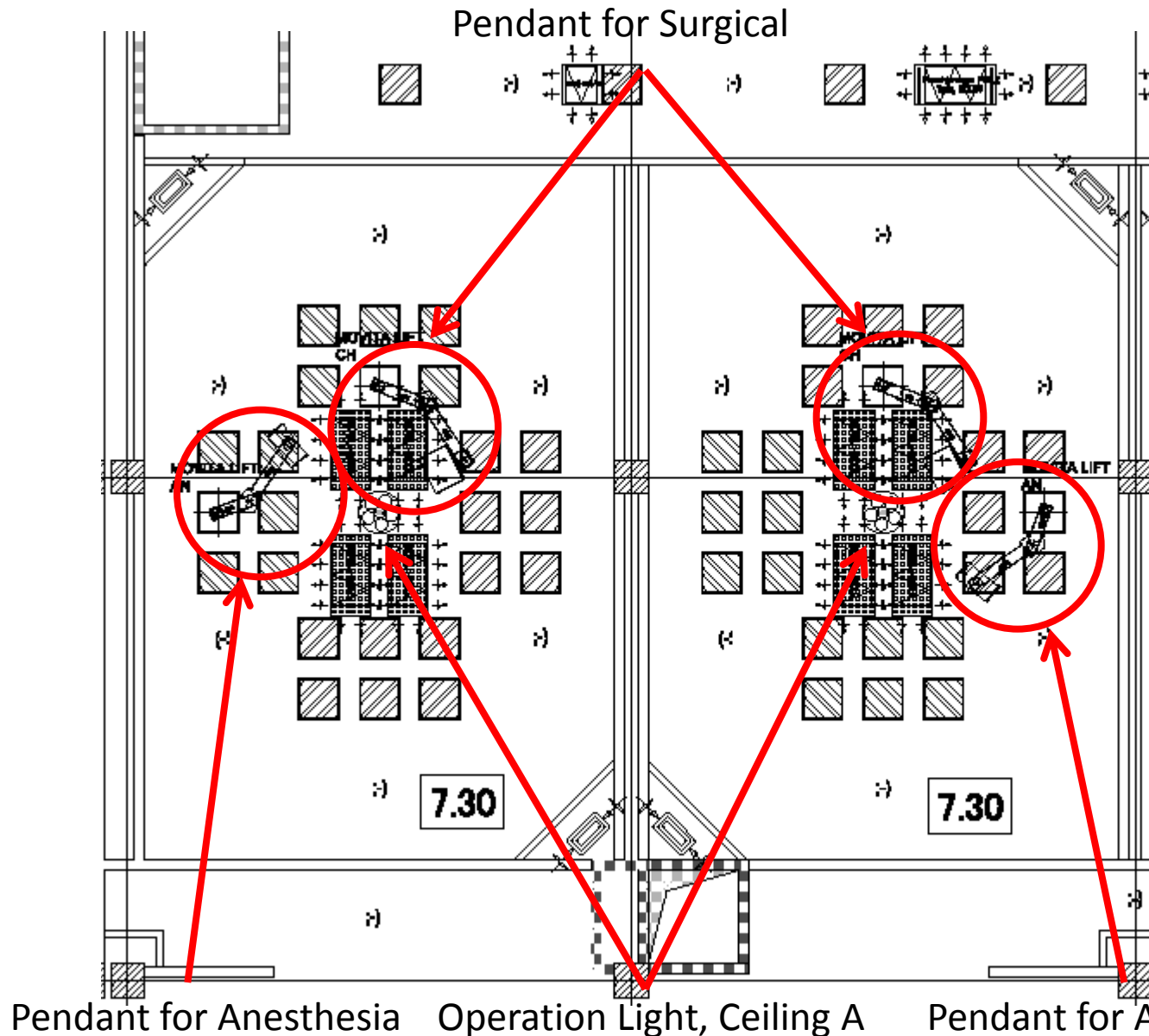


Remarks

* Supplier shall connect the medical gas piping, electricity and other utilities mentioned on the specification.

Operation Theatre No. 9

Operation Theatre No. 10

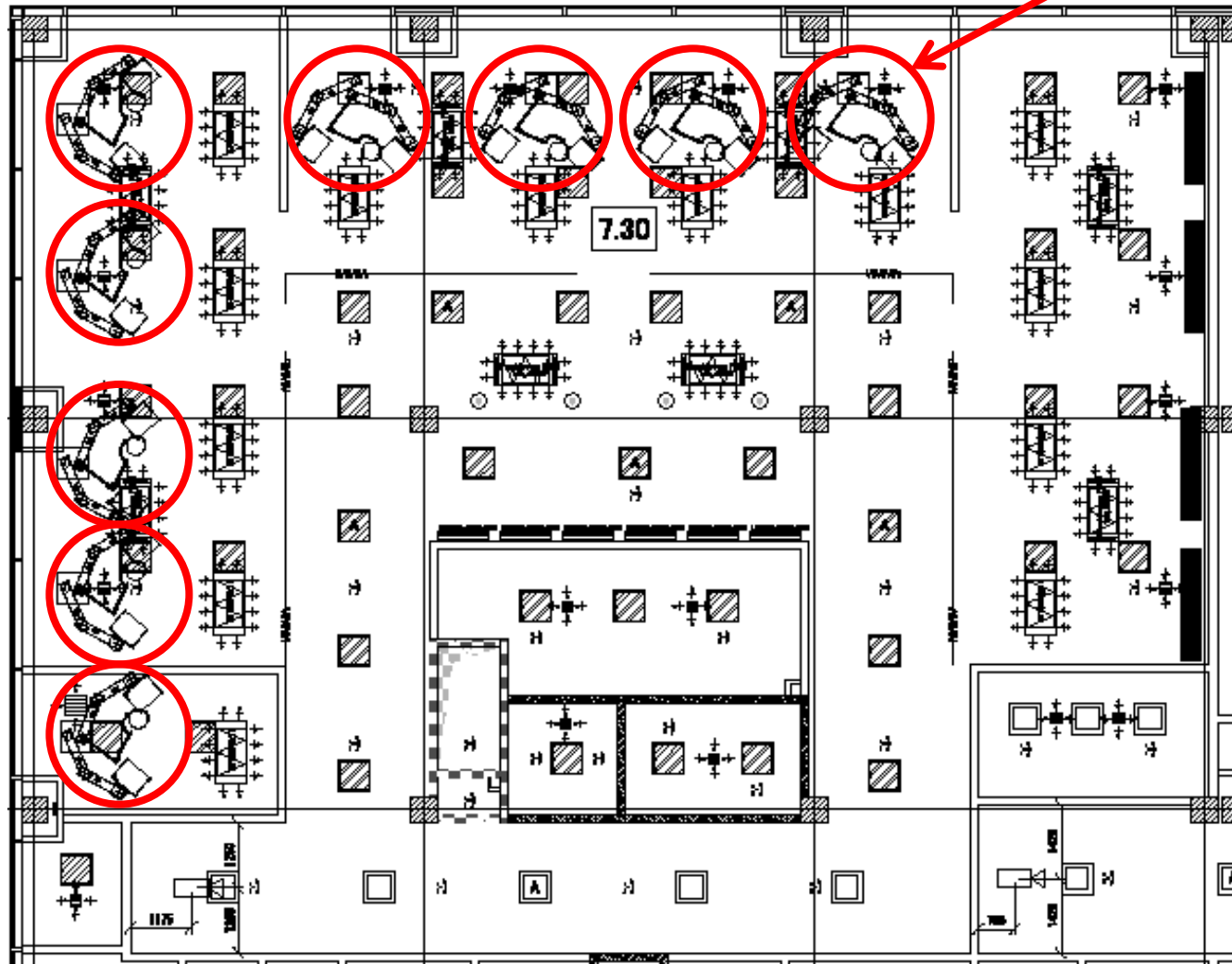


Remarks

- * Operation Theatre No. 11 to No. 16 are the same combination as bilateral symmetry design.
- * Supplier shall connect the medical gas piping, electricity and other utilities mentioned on the specification.

Recovery Room

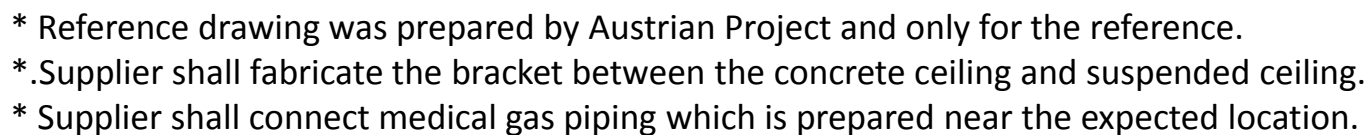
Pendants for ICU



Remarks

* Supplier shall connect the medical gas piping, electricity and other utilities mentioned on the specification.

資料 4

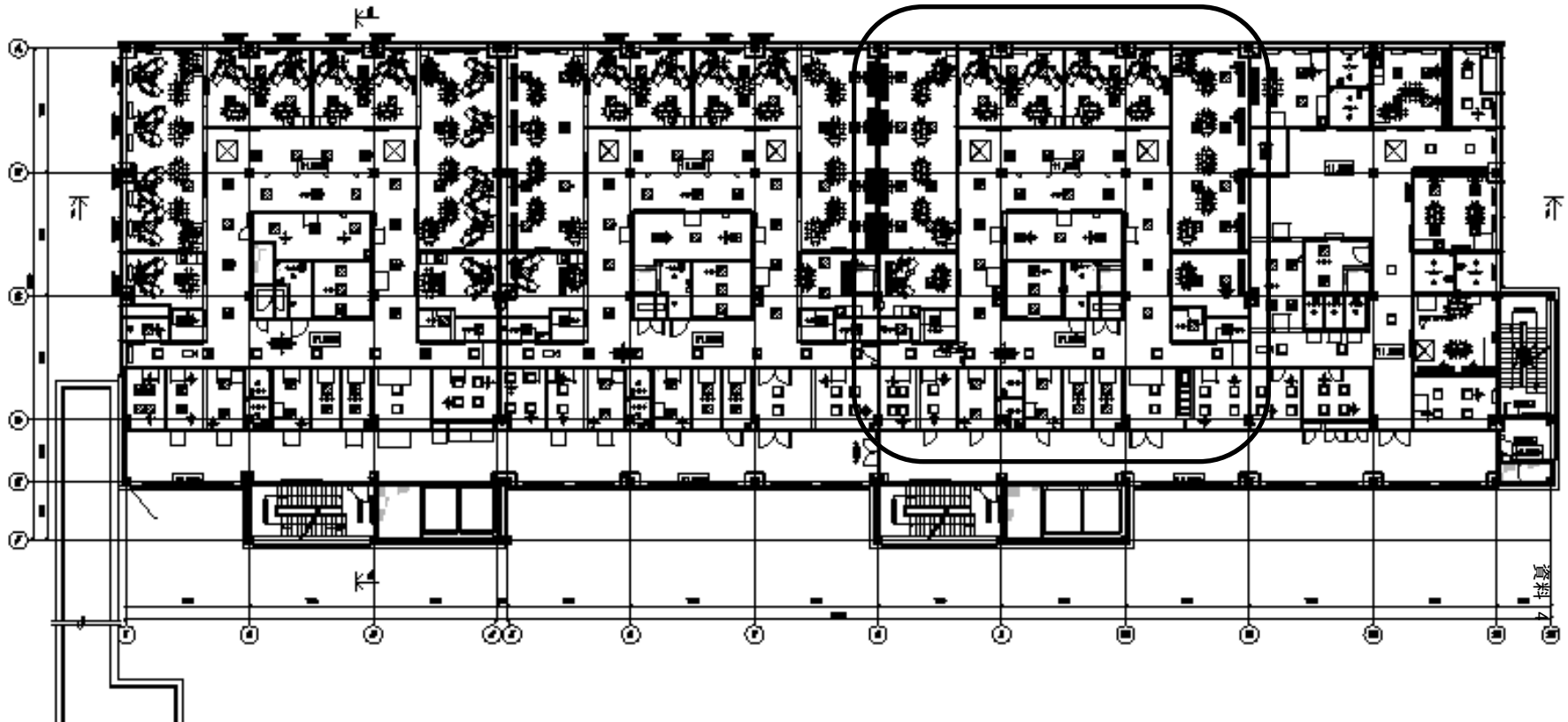


Location of Bed Head Unit and Pendant - Republican Clinical Hospital, Surgical Block, 3F

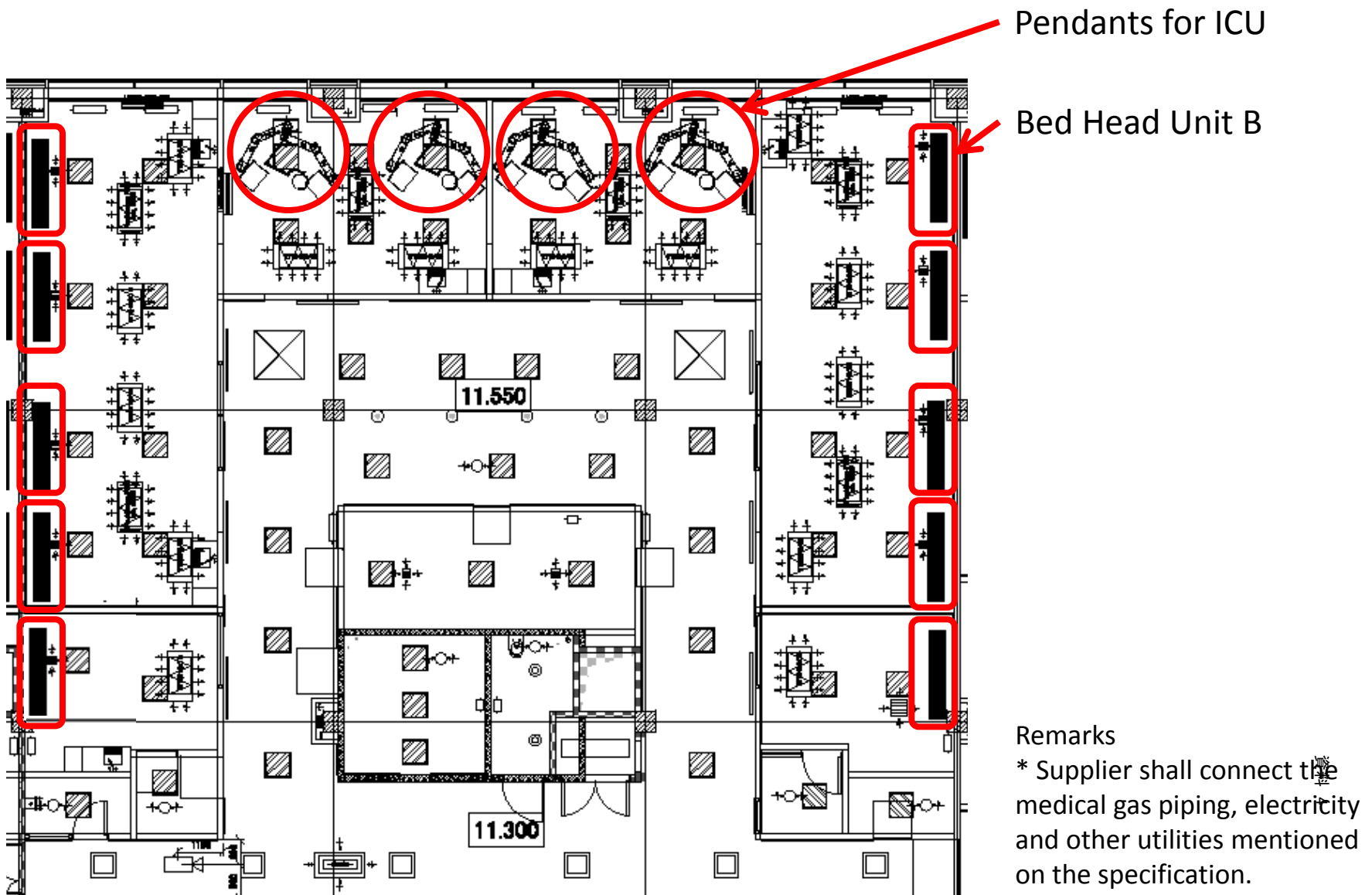
ICU - 3 Code No. 113 (RH-56) Bed Head Unit B --- 10 units

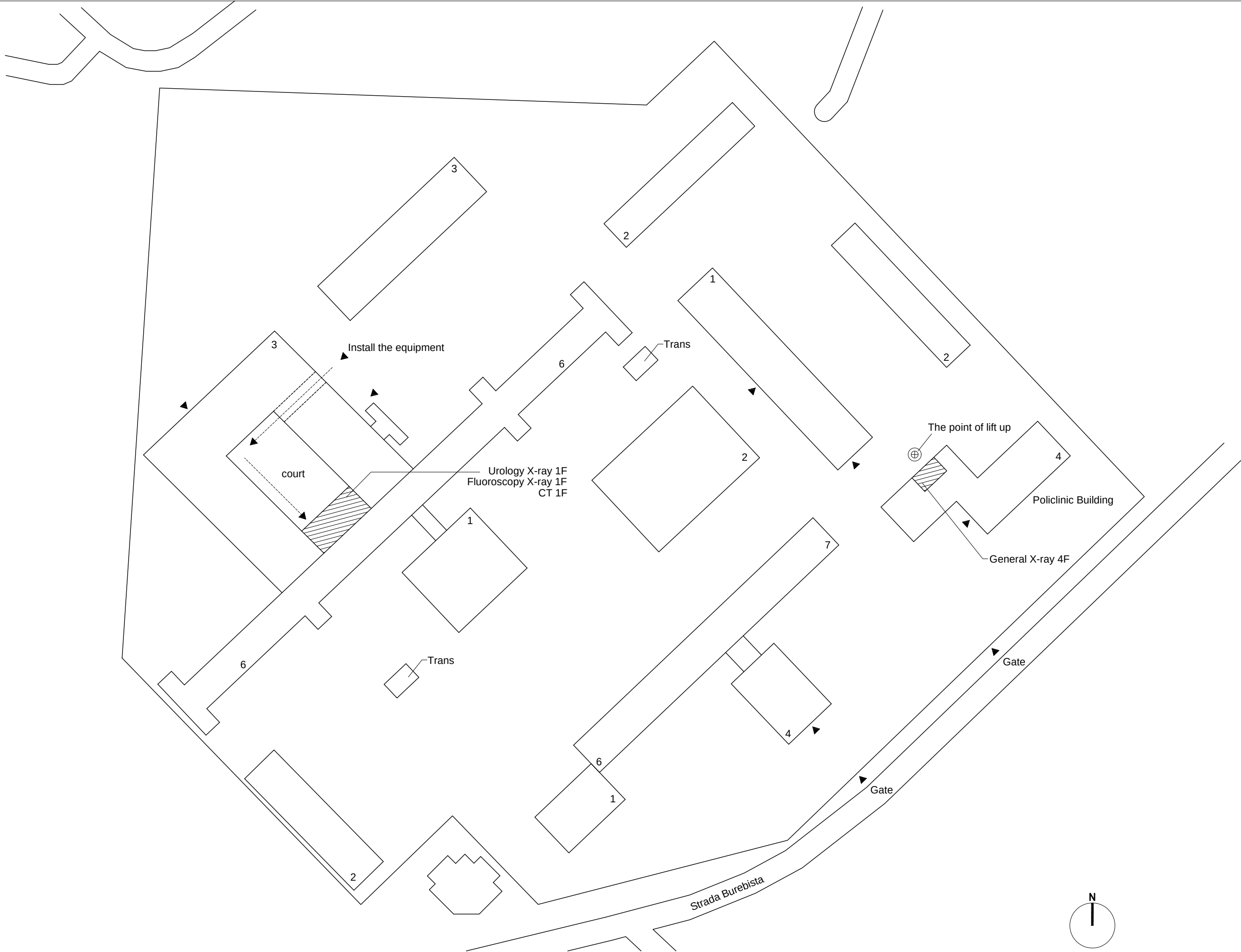
ICU - 3 Code No. 176 (RH-57) Pendants for ICU --- 4 units

ICU-3



ICU - 3





Fujita Planning Co.,Ltd.



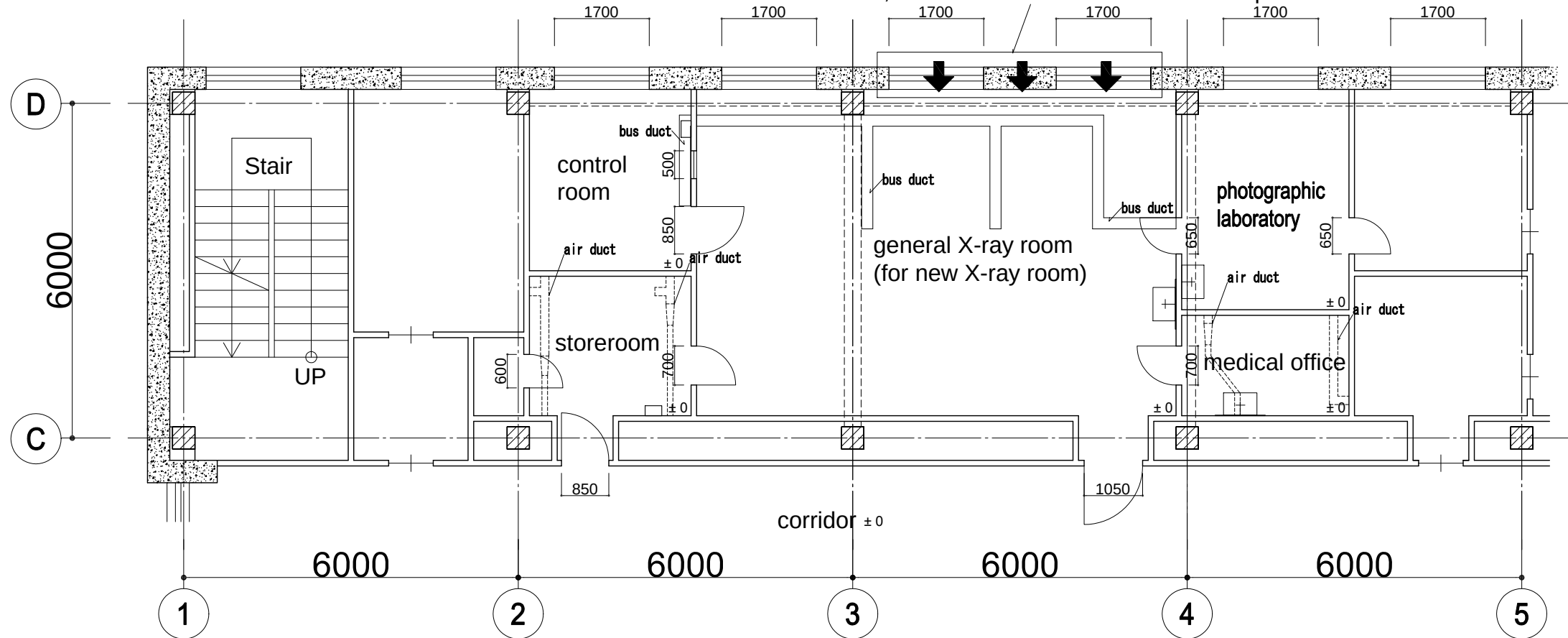
YOKOGAWA ARCHITECTS & ENGINEERS, INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

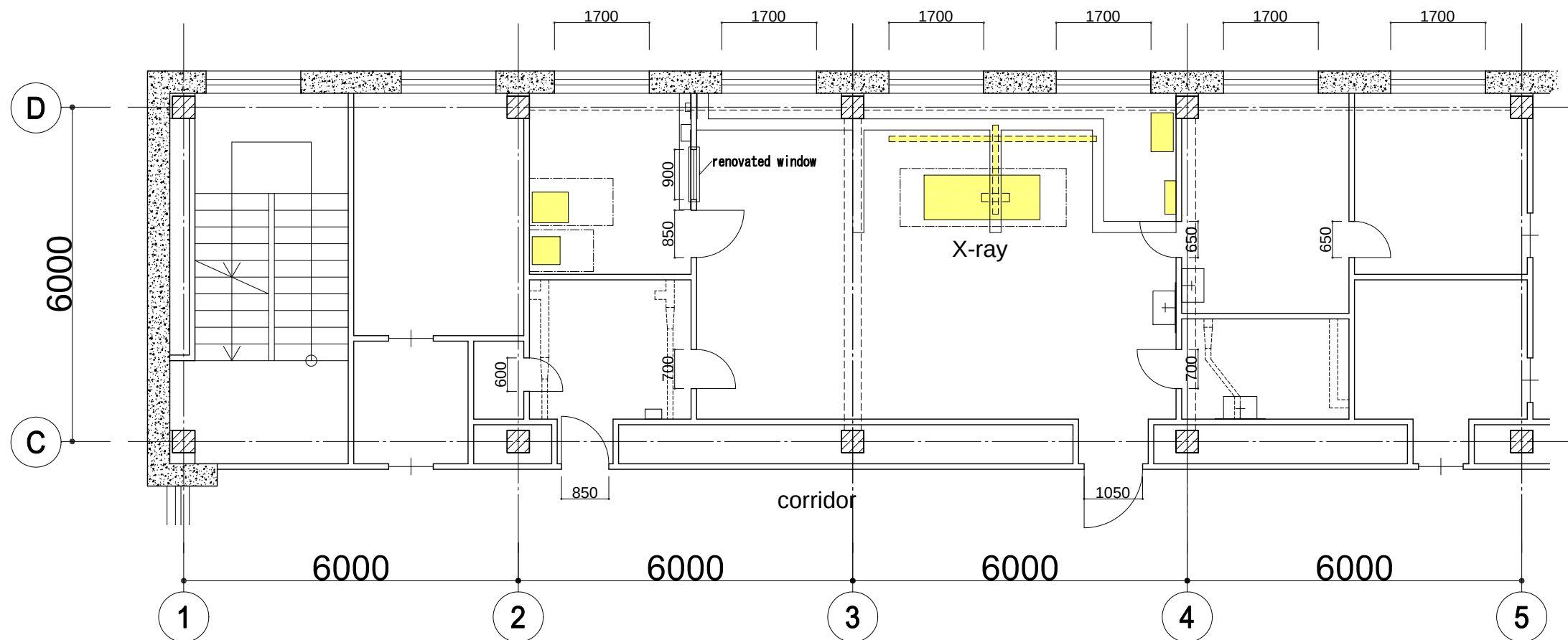
TITLE
The Scientific Research Institute in the Field of Mother and Child Health
SITE PLAN

資料
4
2014.1.20
Number of Drawing
M-00
Scale
A3 1: 100

When you install the large medical equipment, it requires removing of these walls and windows.
After the installation, it should be restored to the status quo.



current plan



Mother & Child Hospital 4F General X-ray Room Plan



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS,INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

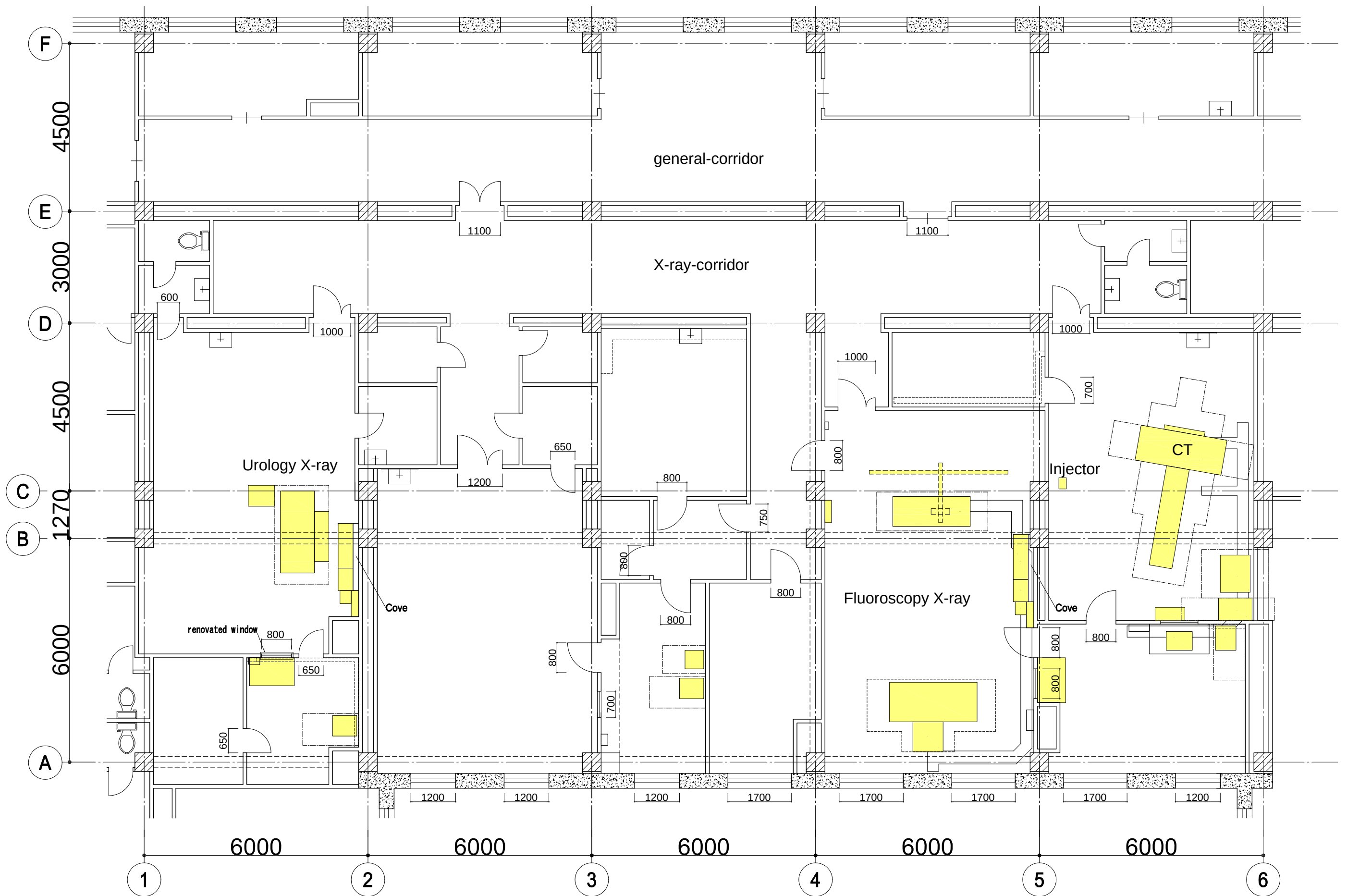
TITLE The Scientific Research Institute in the Field of Mother and Child Health
Policlinic Building
4F General X-ray Room PLAN

資料
4

2014.1.20

Number of Drawing
Mx-01

Scale
A3 1: 100



Mother & Child Hospital 1F X-ray, CT Plan



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS, INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE
The Scientific Research Institute in the Field of Mother and Child Health
1F X-ray, CT PLAN

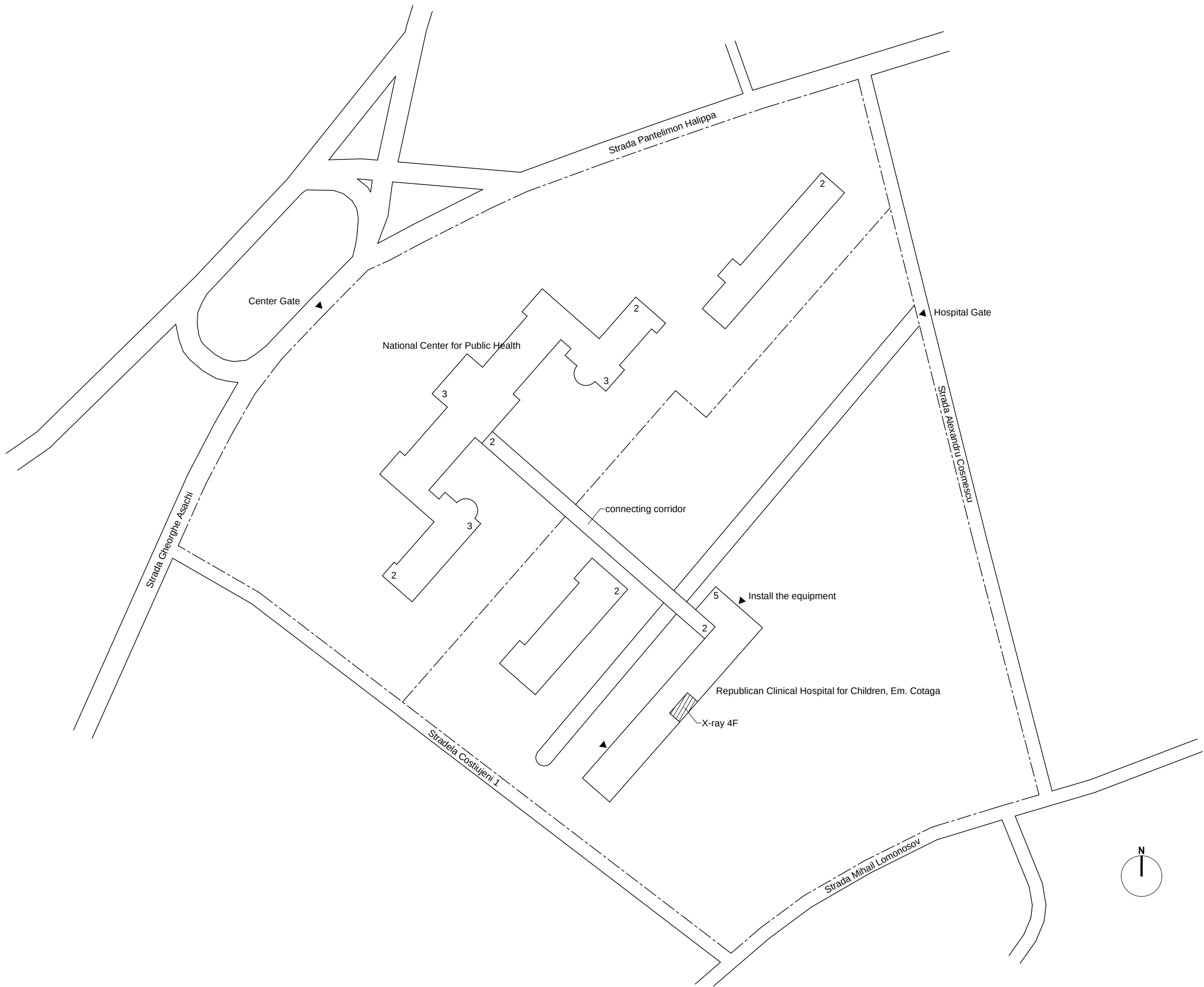
資料
4

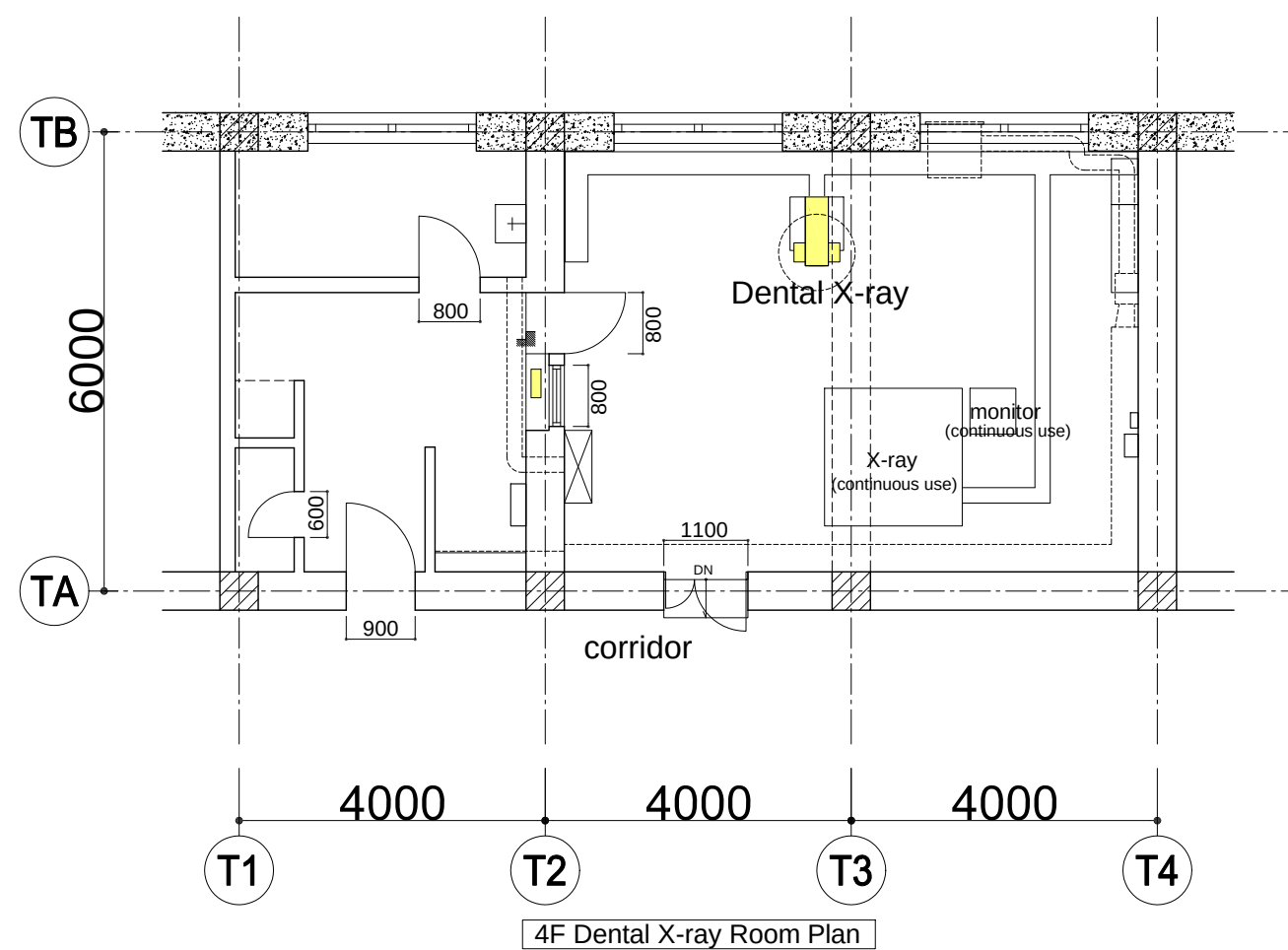
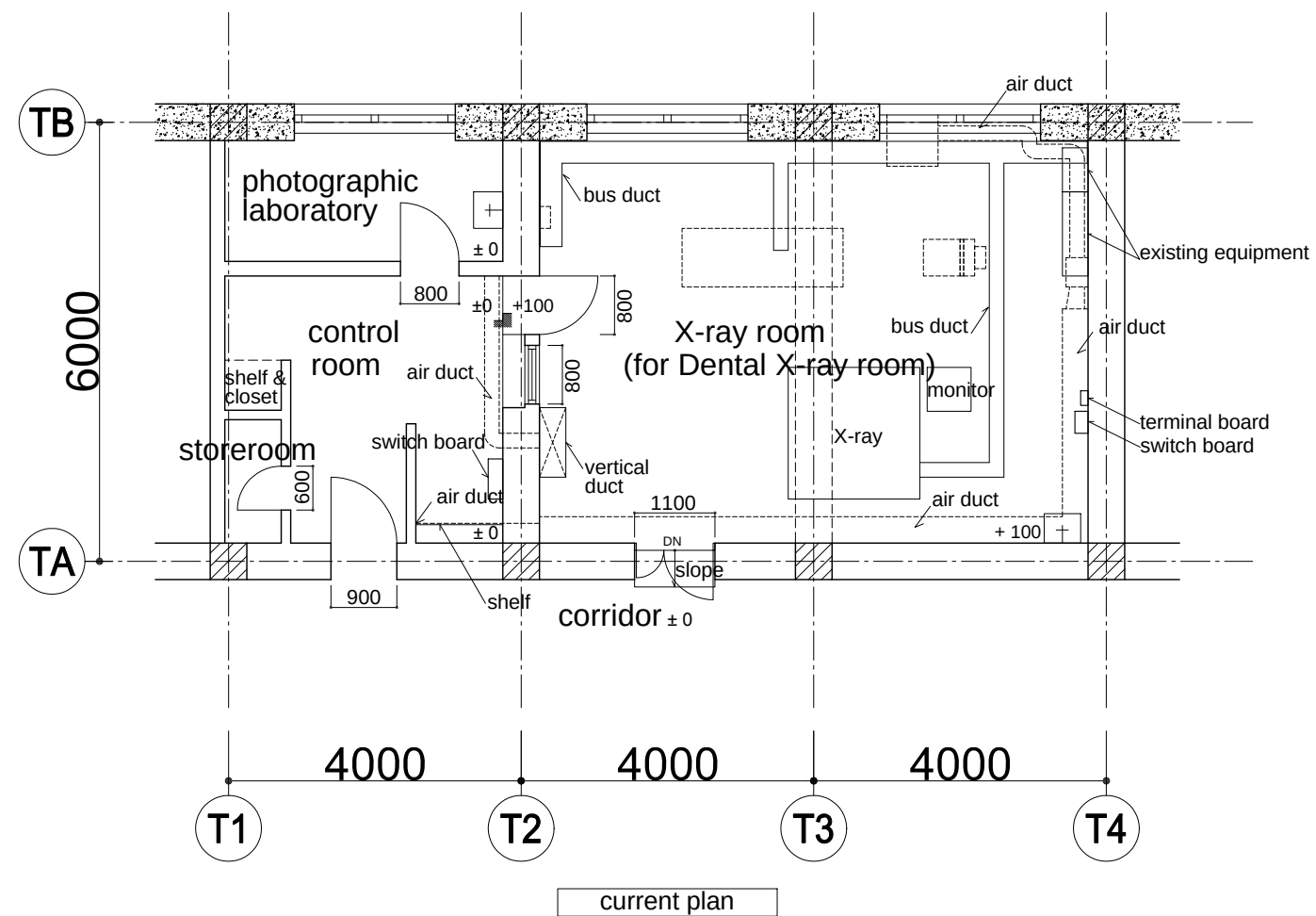
2014.1.20

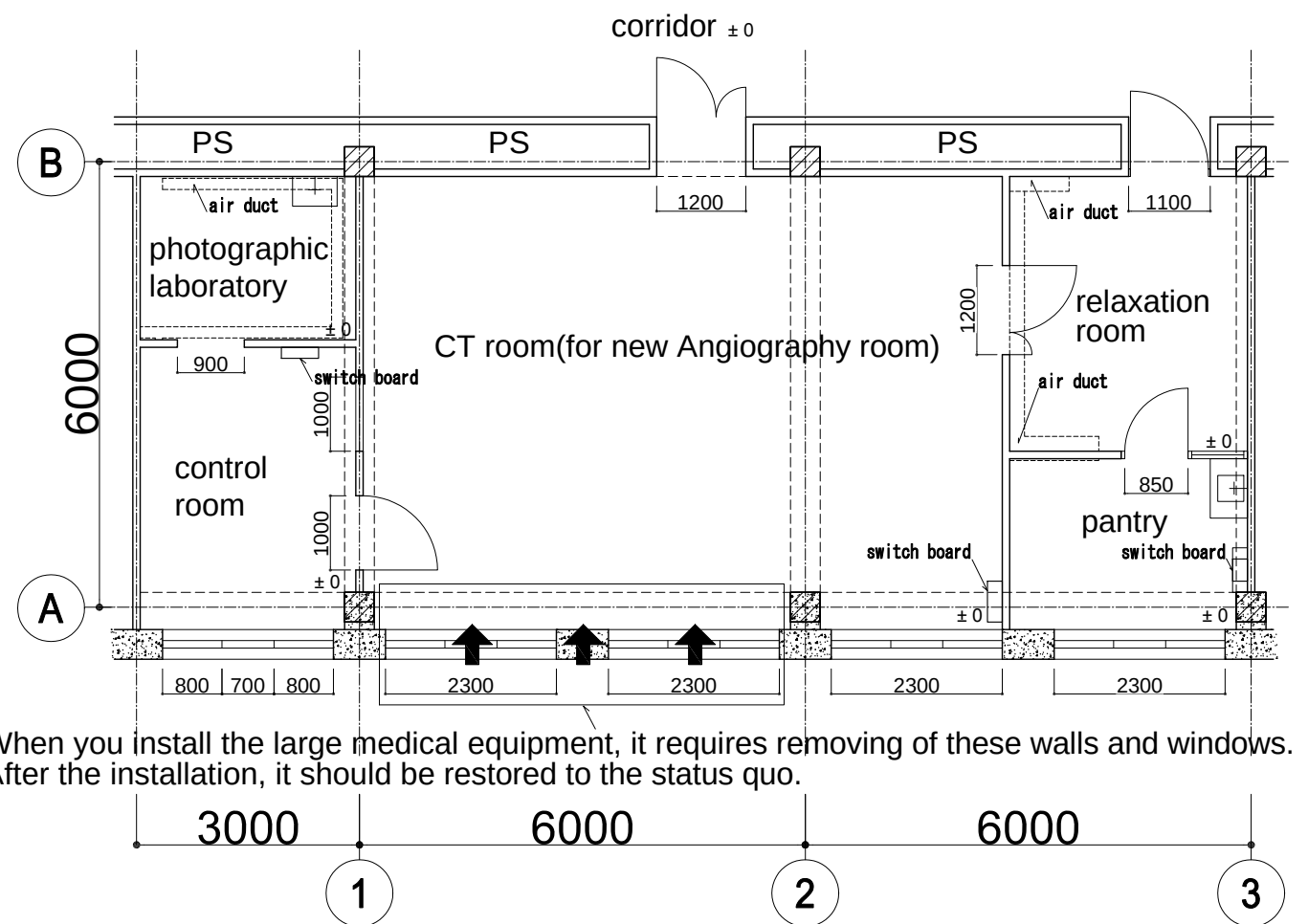
Number of Drawing

Mxc-02

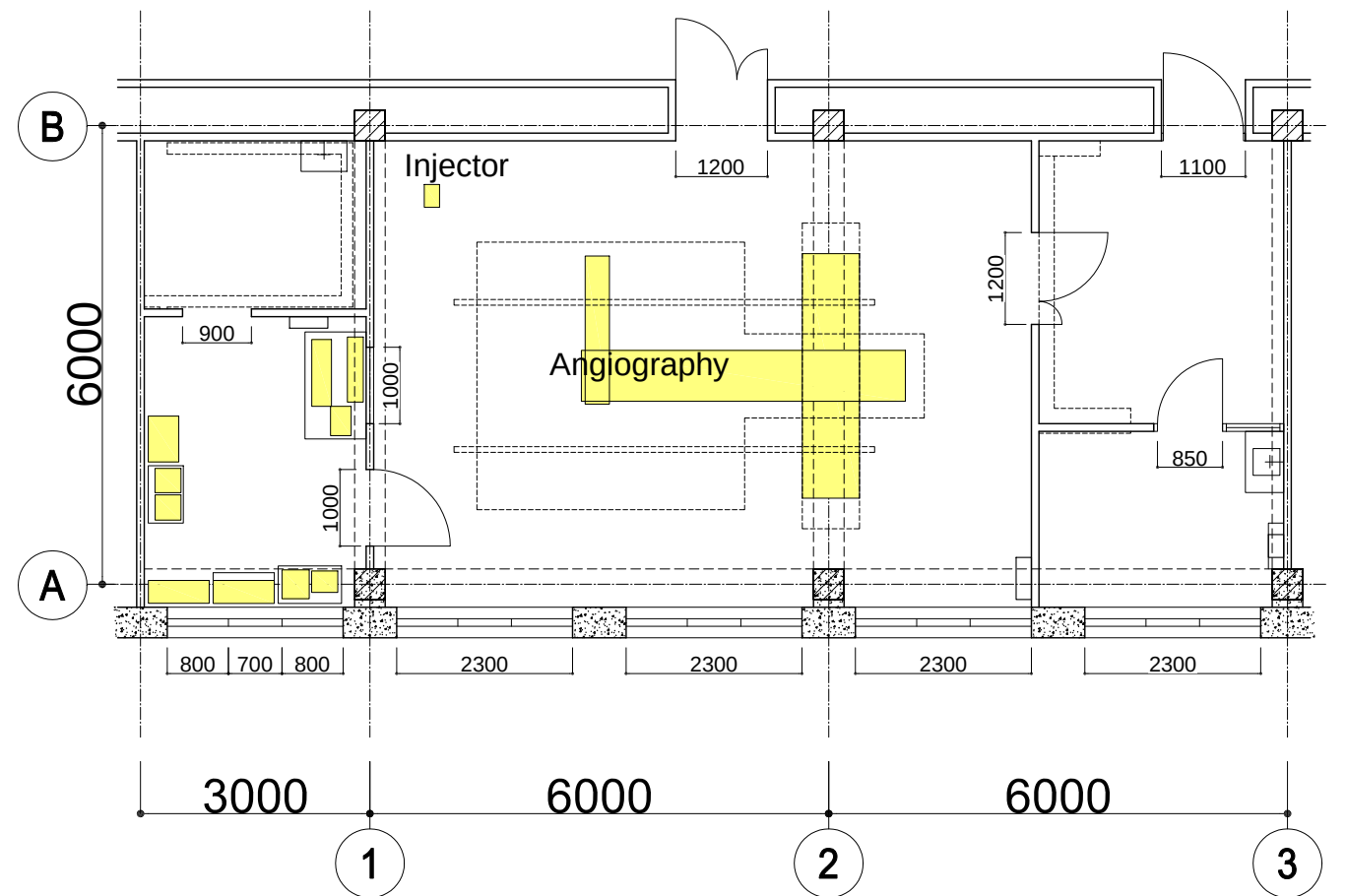
Scale
A3 1: 100



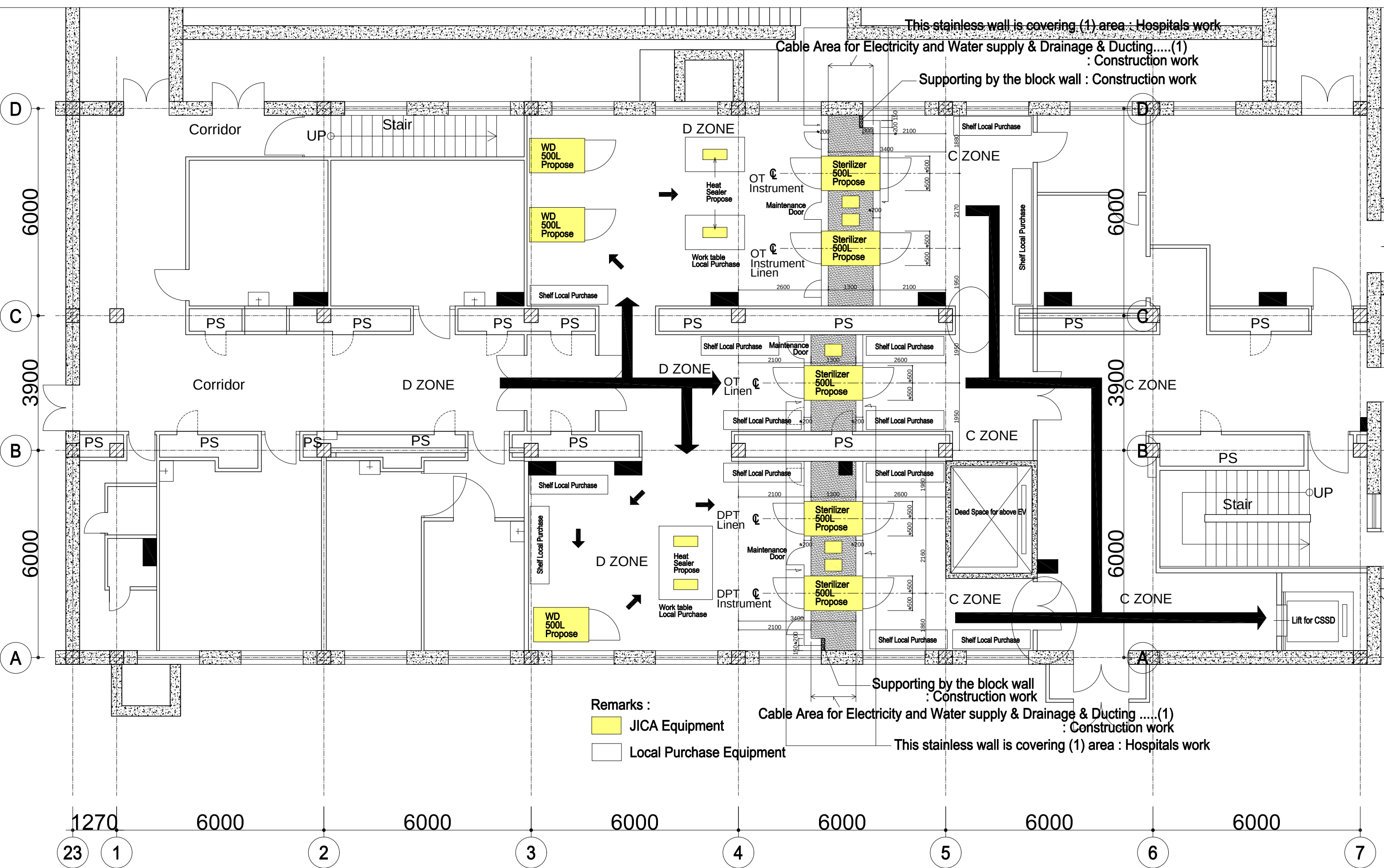




current plan



[Emergency Center 3F Angiography Room Plan]

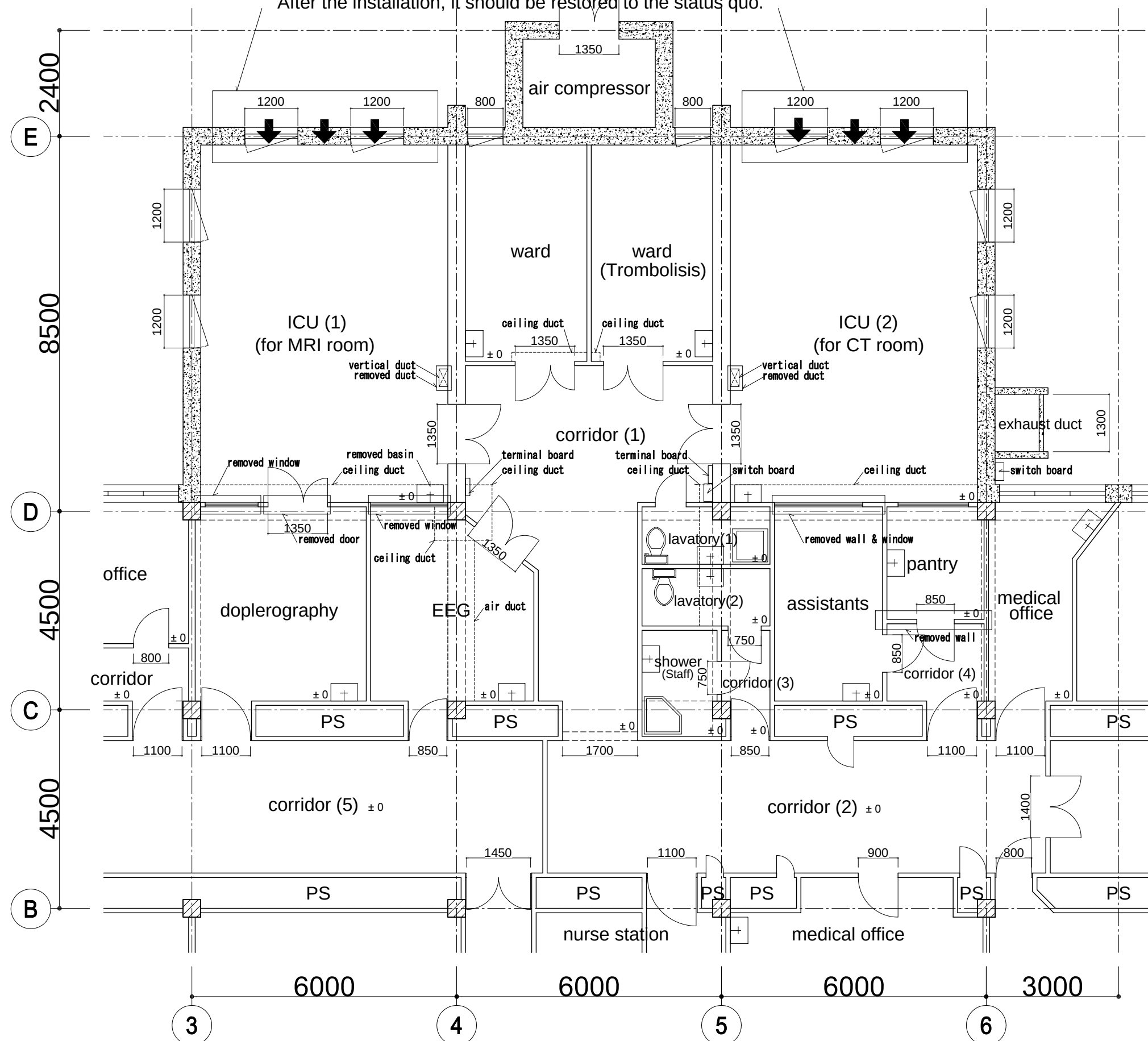


Remarks :
JICA Equipment
Local Purchase Equipment

Emergency Center 1F CSSD Plan

資料
4
2014.1.20

When you install the large medical equipment, it requires removing of these walls and windows.
After the installation, it should be restored to the status quo.



current plan

資料
4

2014.1.20

Number of Drawing

Emc-0:

Scale
A3 1: 100



Fujita Planning Co.,Ltd.

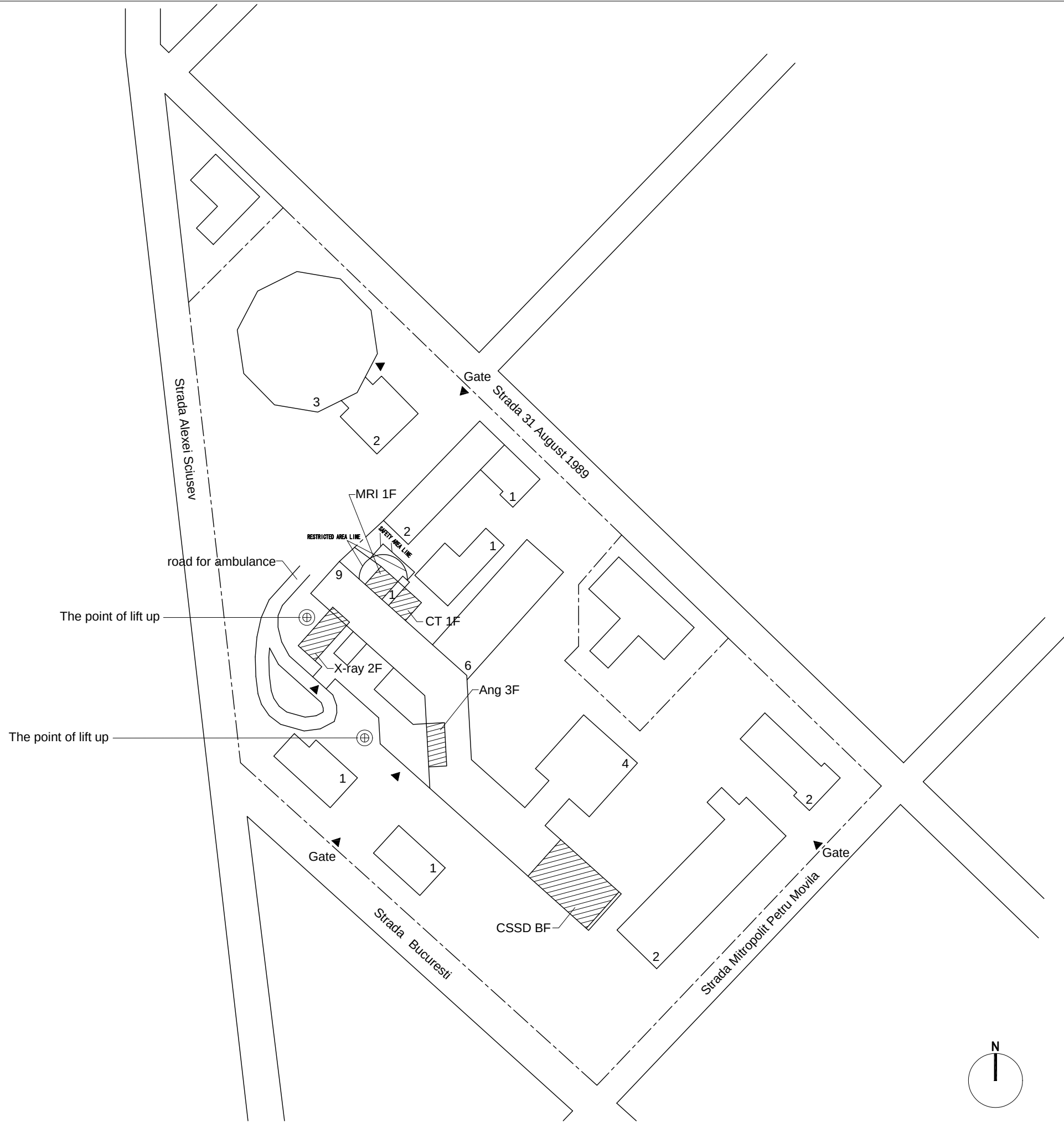


YOKOGAWA ARCHITECTS & ENGINEERS, INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

Scientific-Practical Center for Emergency Medicine
1F MRI Room & CT Room Current PLAN 1



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS,INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

Scientific-Practical Center for Emergency Medicine
SITE PLAN

資料
4

2014.1.20

Number of Drawing

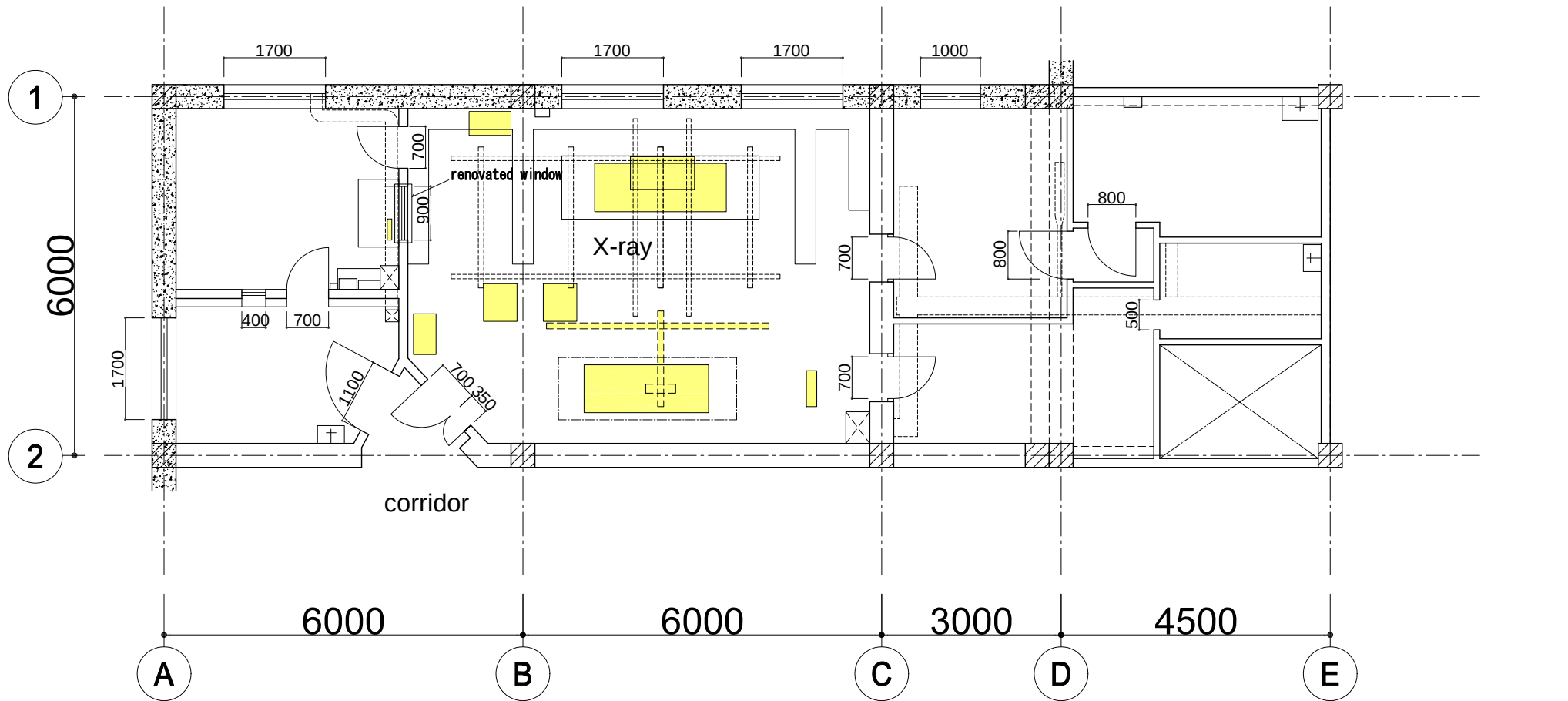
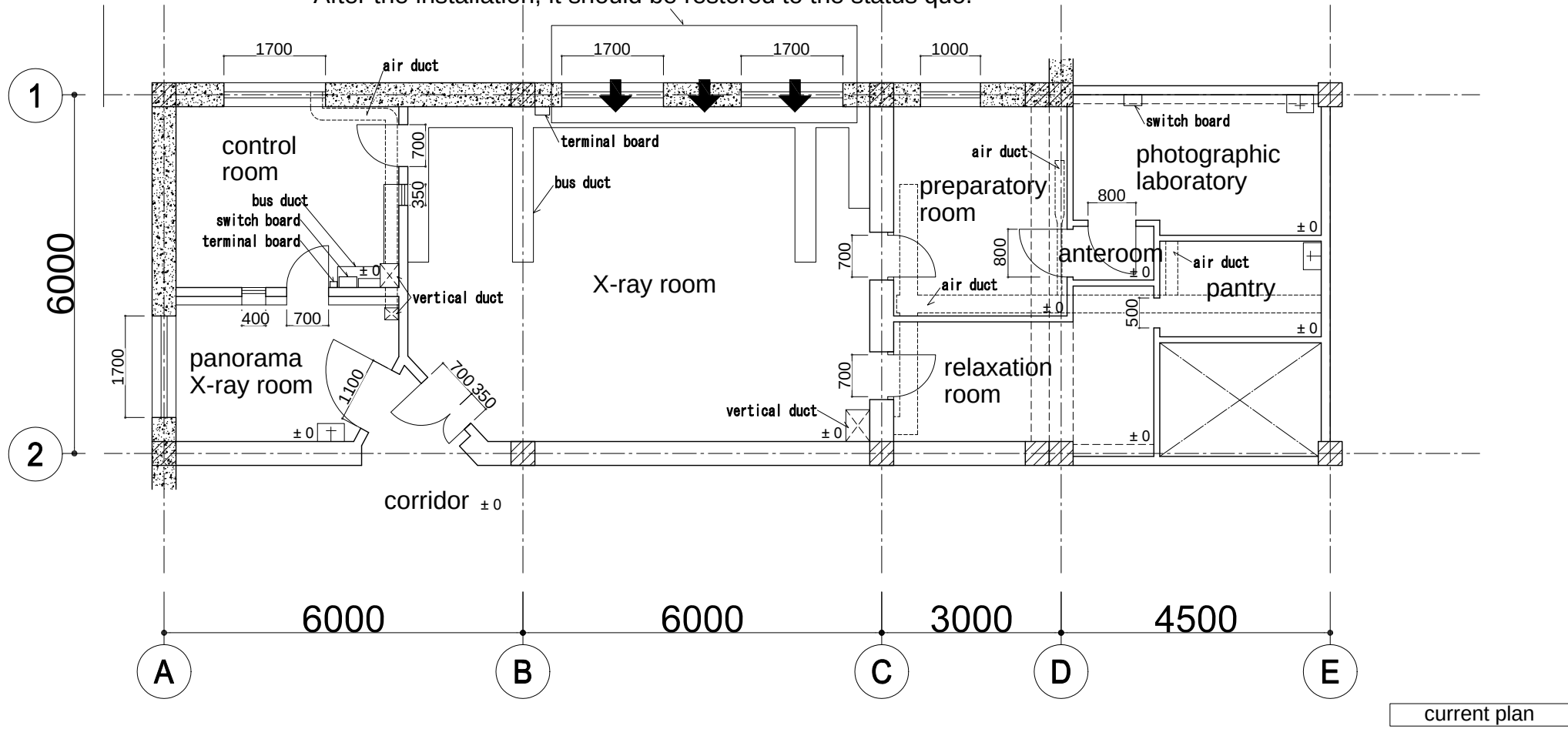
E-00

Scale

A3

-

When you install the large medical equipment, it requires removing of these walls and windows.
After the installation, it should be restored to the status quo.



Emergency Center 2F X-ray Room Plan



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS,INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

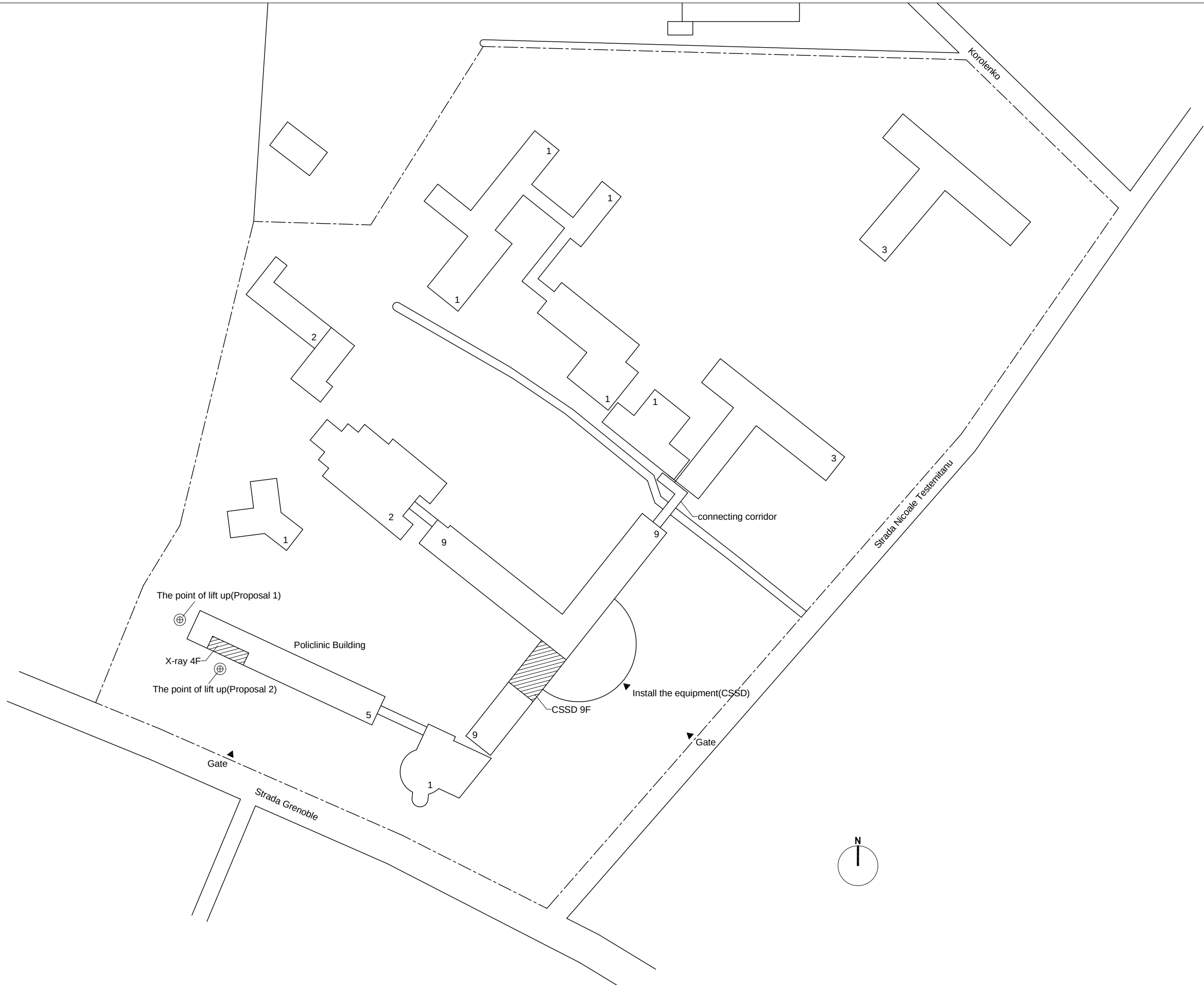
Scientific-Practical Center for Emergency Medicine
2F X-ray Room PLAN

資料
4

2014.1.20

Number of Drawing
Ex-01

Scale
A3 1: 100



Fujita Planning Co.,Ltd.

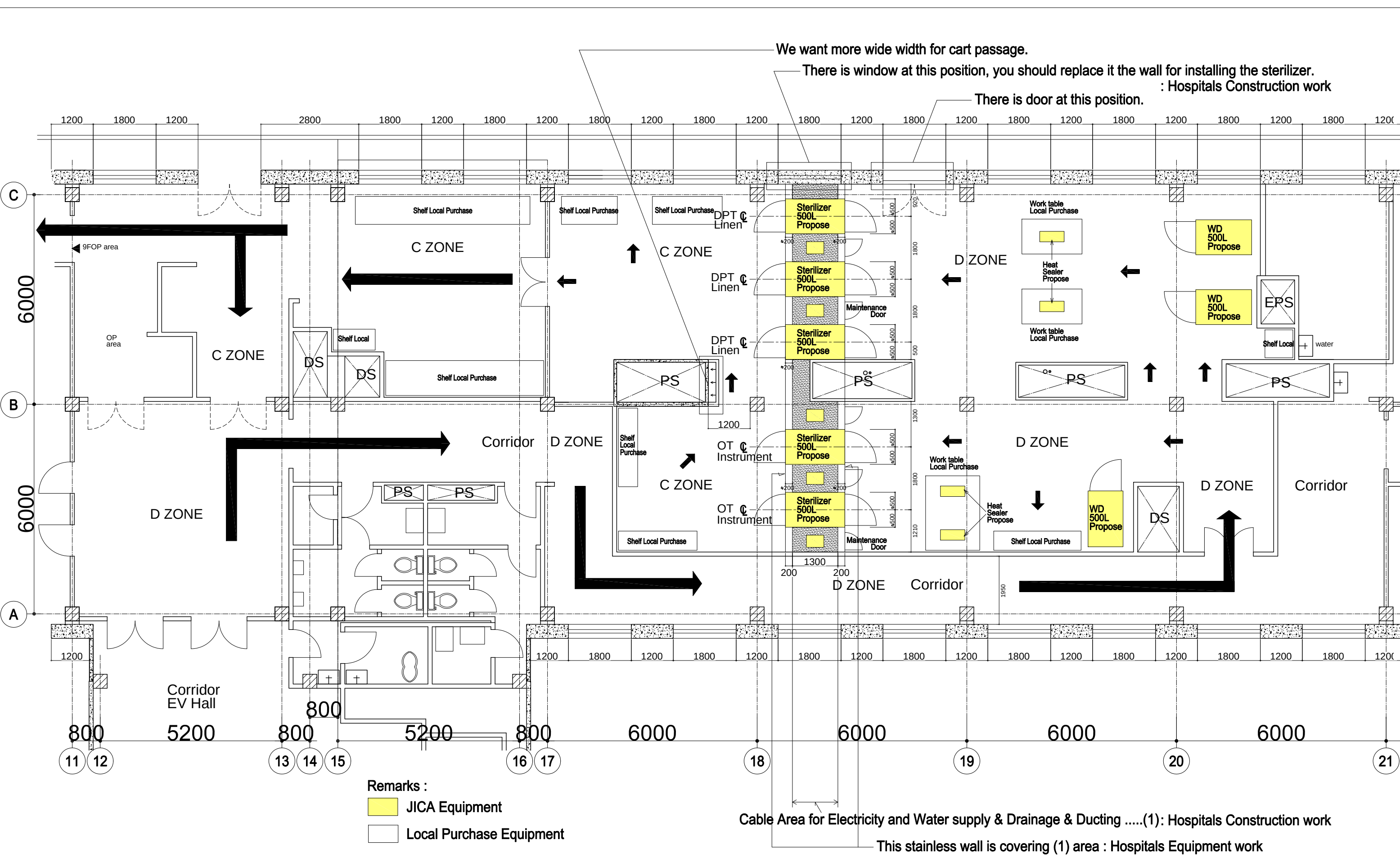


YOKOGAWA ARCHITECTS & ENGINEERS,INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

Oncology Institute
SITE PLAN



Remarks :

JICA Equipment

Local Purchase Equipment

CSSD Area Plan

Cable Area for Electricity and Water supply & Drainage & Ducting(1): Hospitals Construction work

This stainless wall is covering (1) area : Hospitals Equipment work

資料
4

2014.1.20

Number of Drawing

Ocs-01

Scale
A3 1: 100



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS,INC.

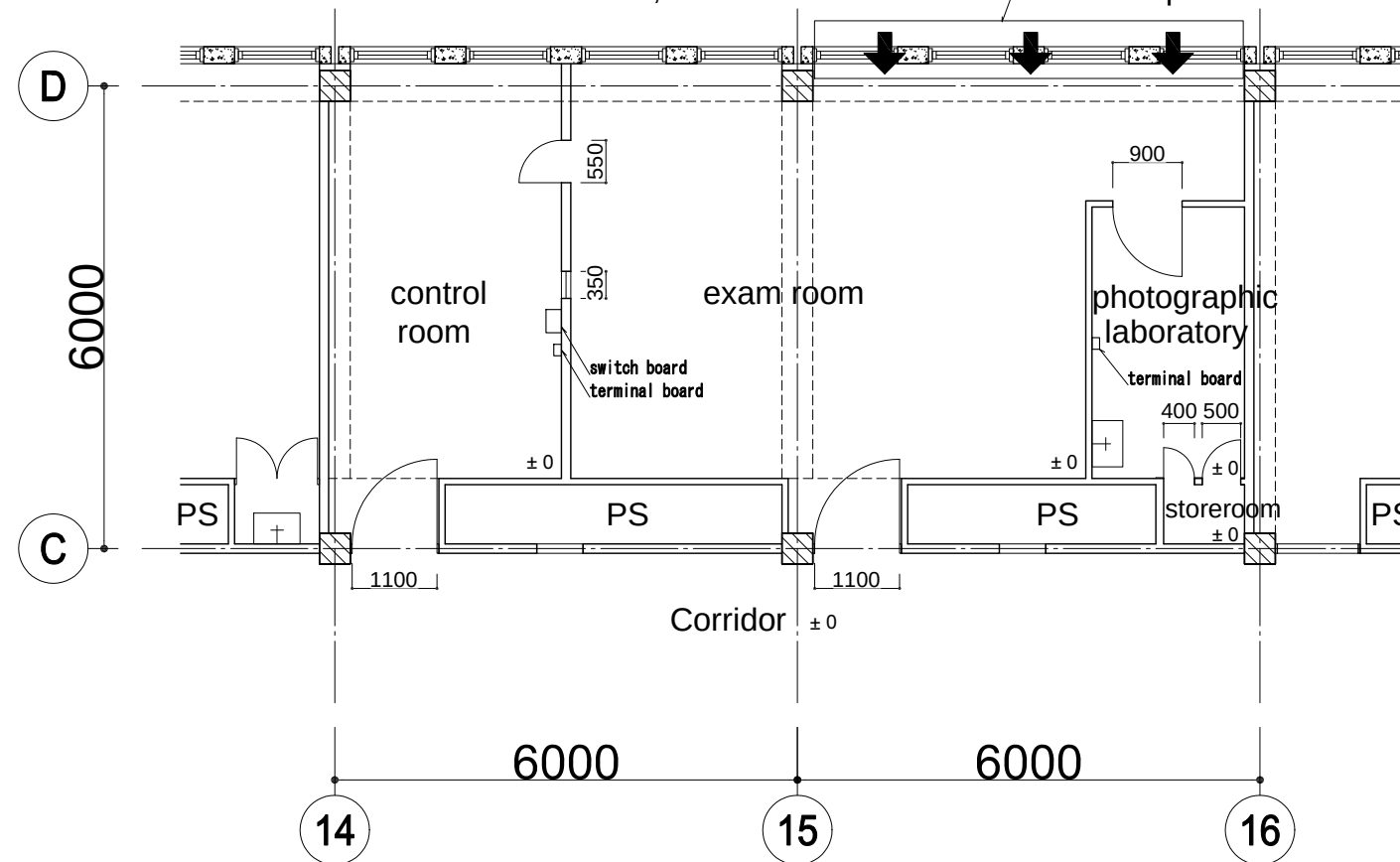
THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

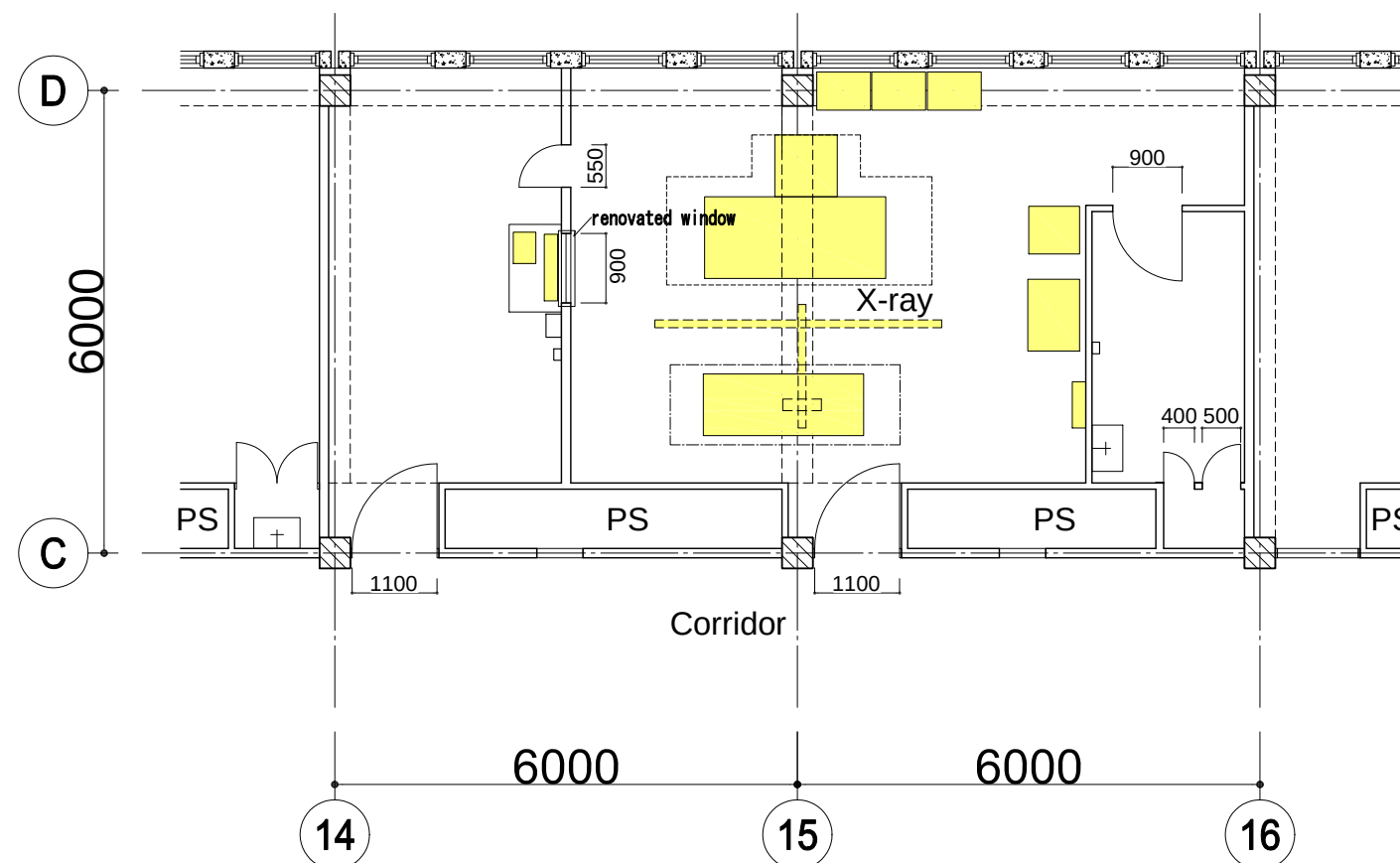
Oncology Institute
Main Building
9F CSSD Layout PLAN

2014.1.20

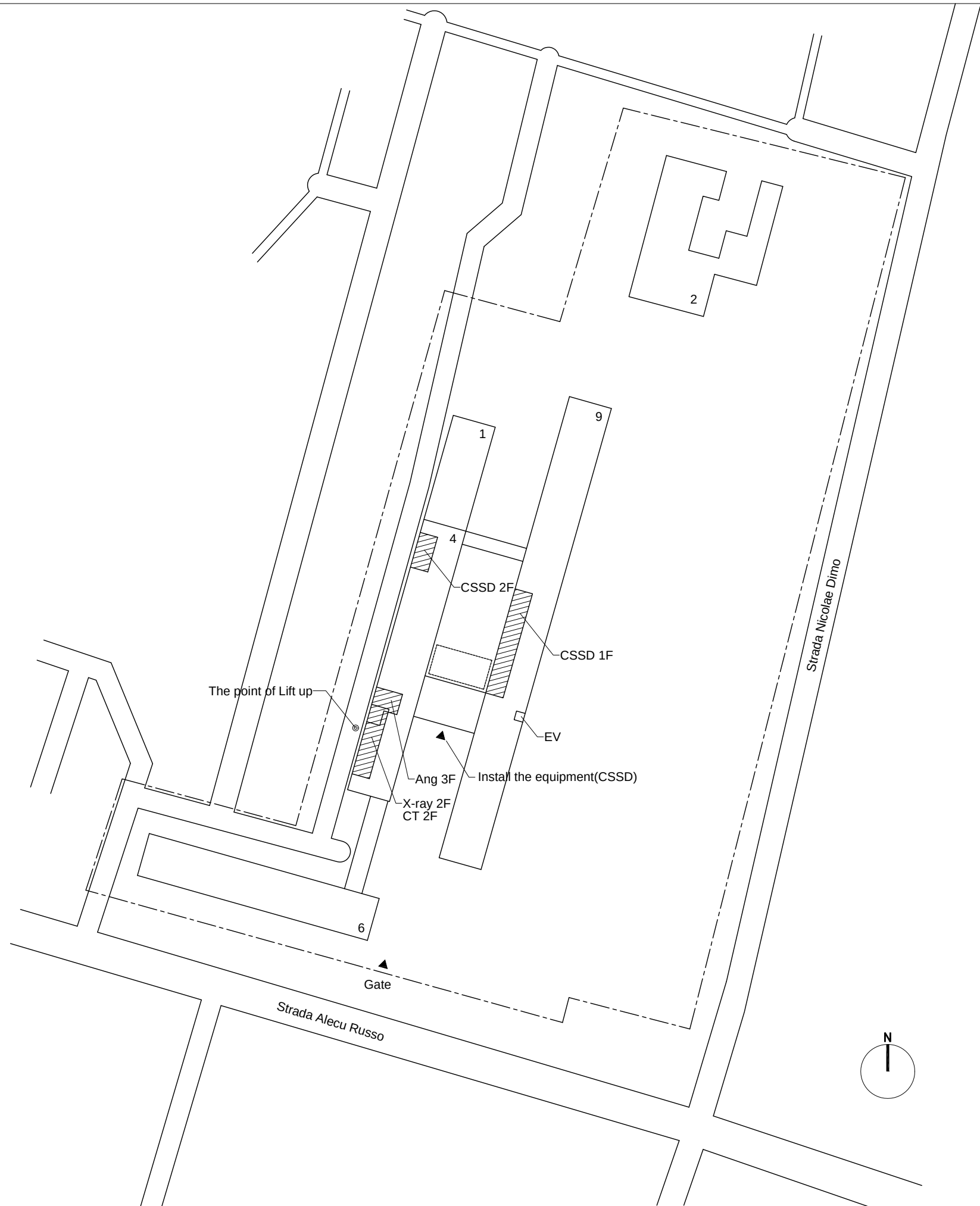
when you install the large medical equipment, it requires removing of these walls and windows.
After the installation, it should be restored to the status quo.



current plan



X-Ray Room Plan



資料
4

2014.1.20



Fujita Planning Co.,Ltd.



YOKOGAWA ARCHITECTS & ENGINEERS,INC.

THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN THE REPUBLIC OF MOLDOVA

TITLE

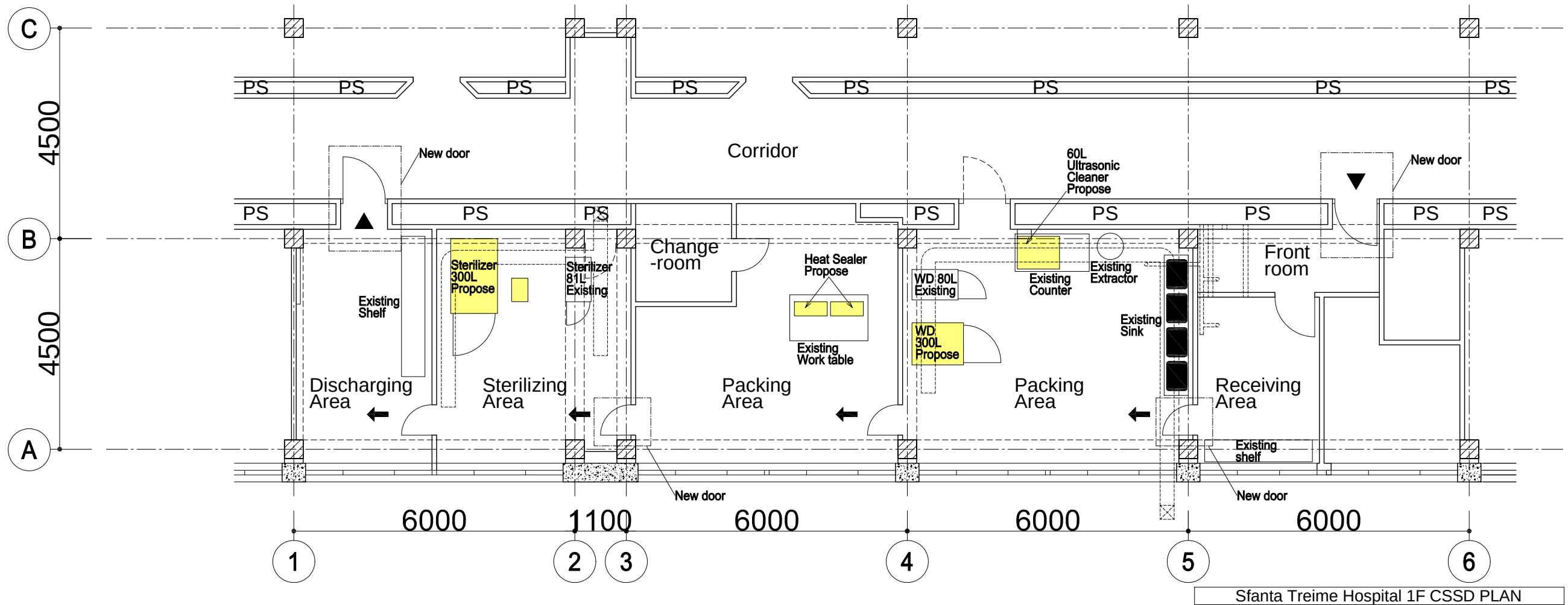
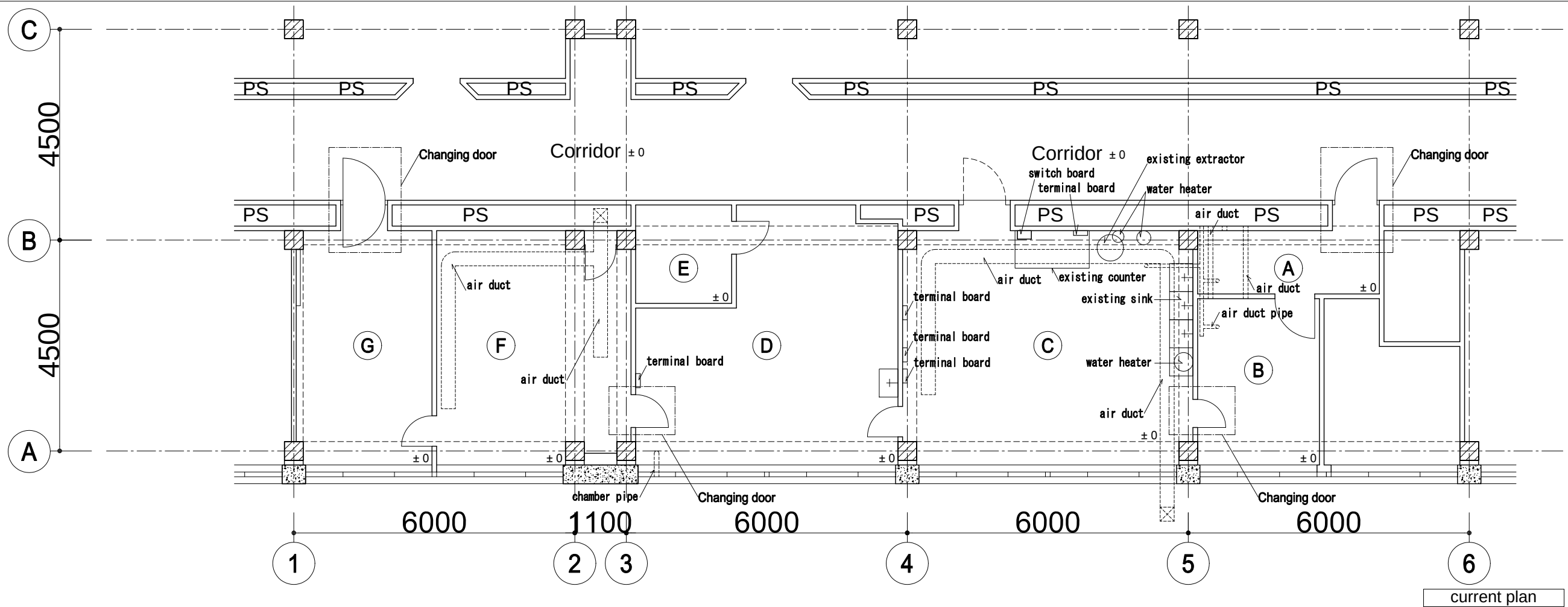
Chisinau Municipal Clinical Hospital "Sfanta Treime"
SITE PLAN

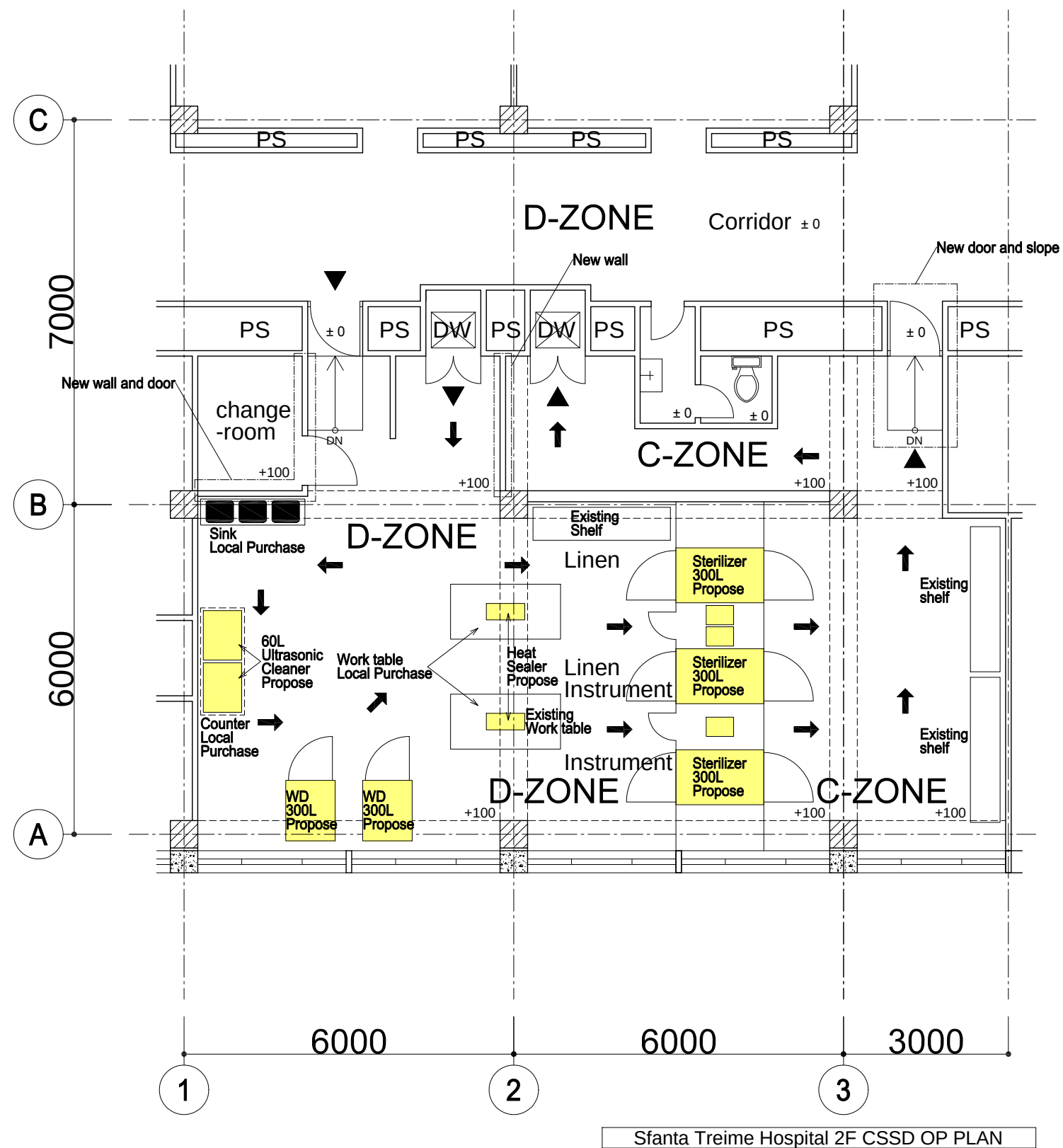
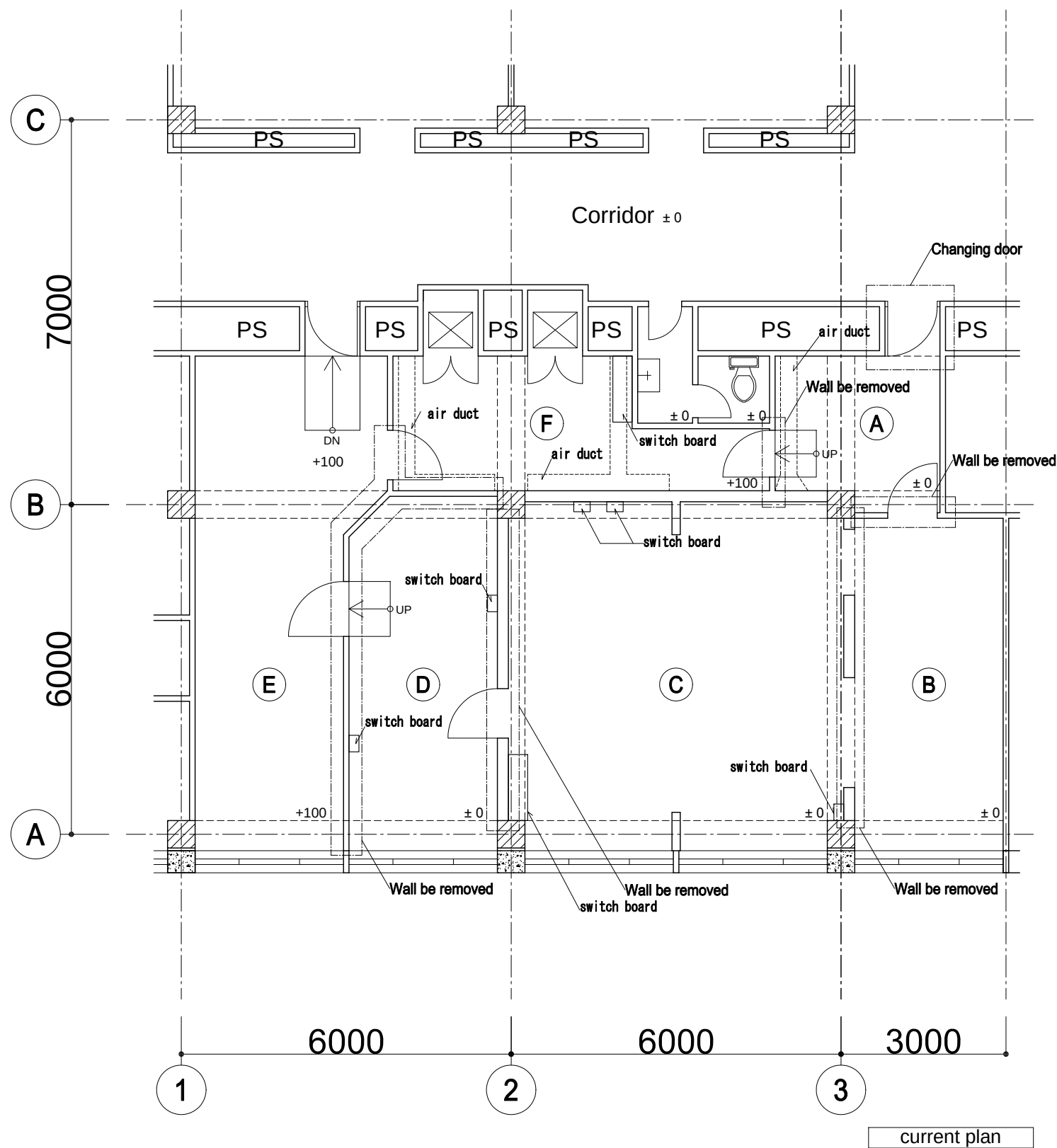
Number of Drawing

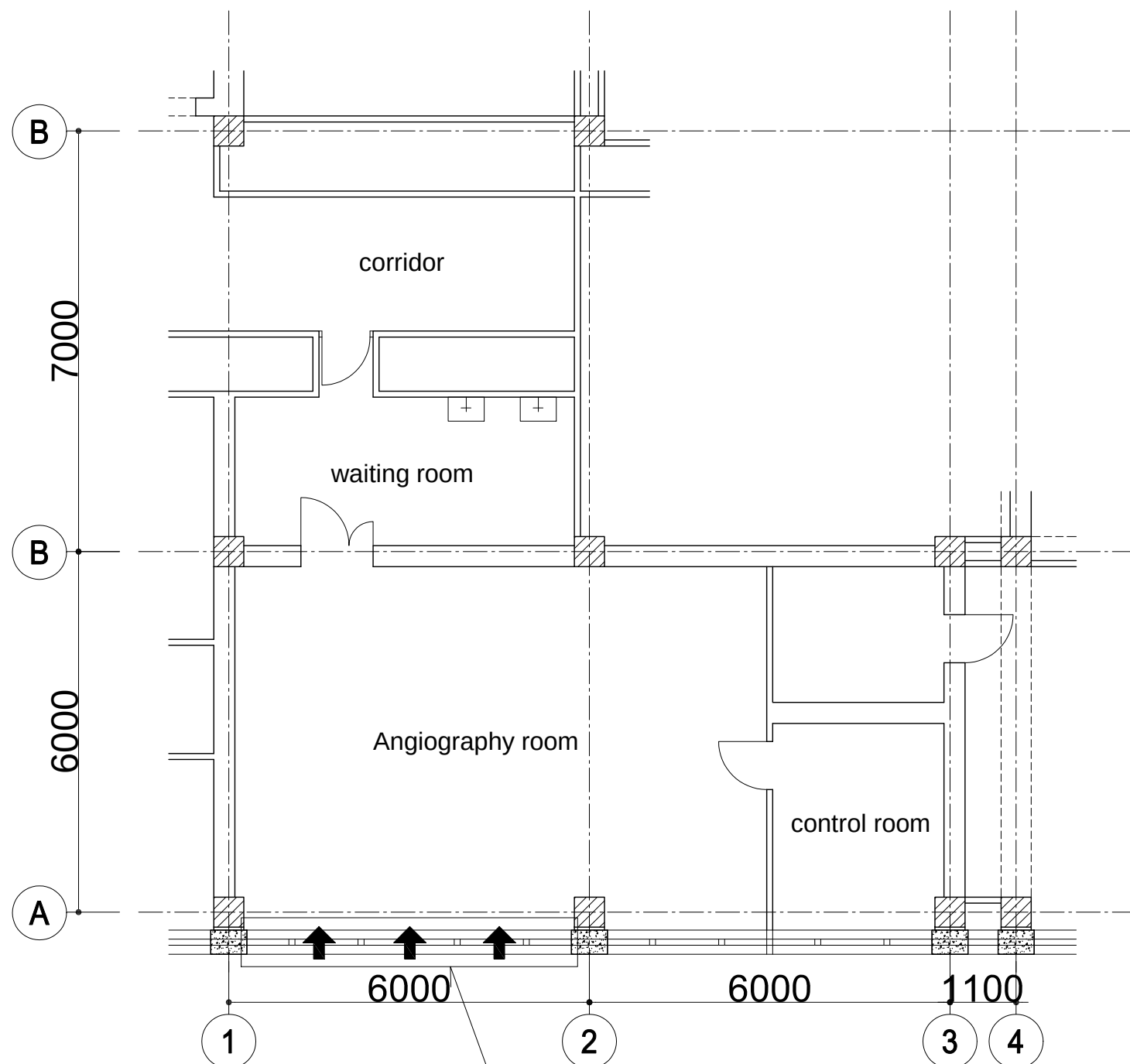
S-00

Scale

A3 1: 100

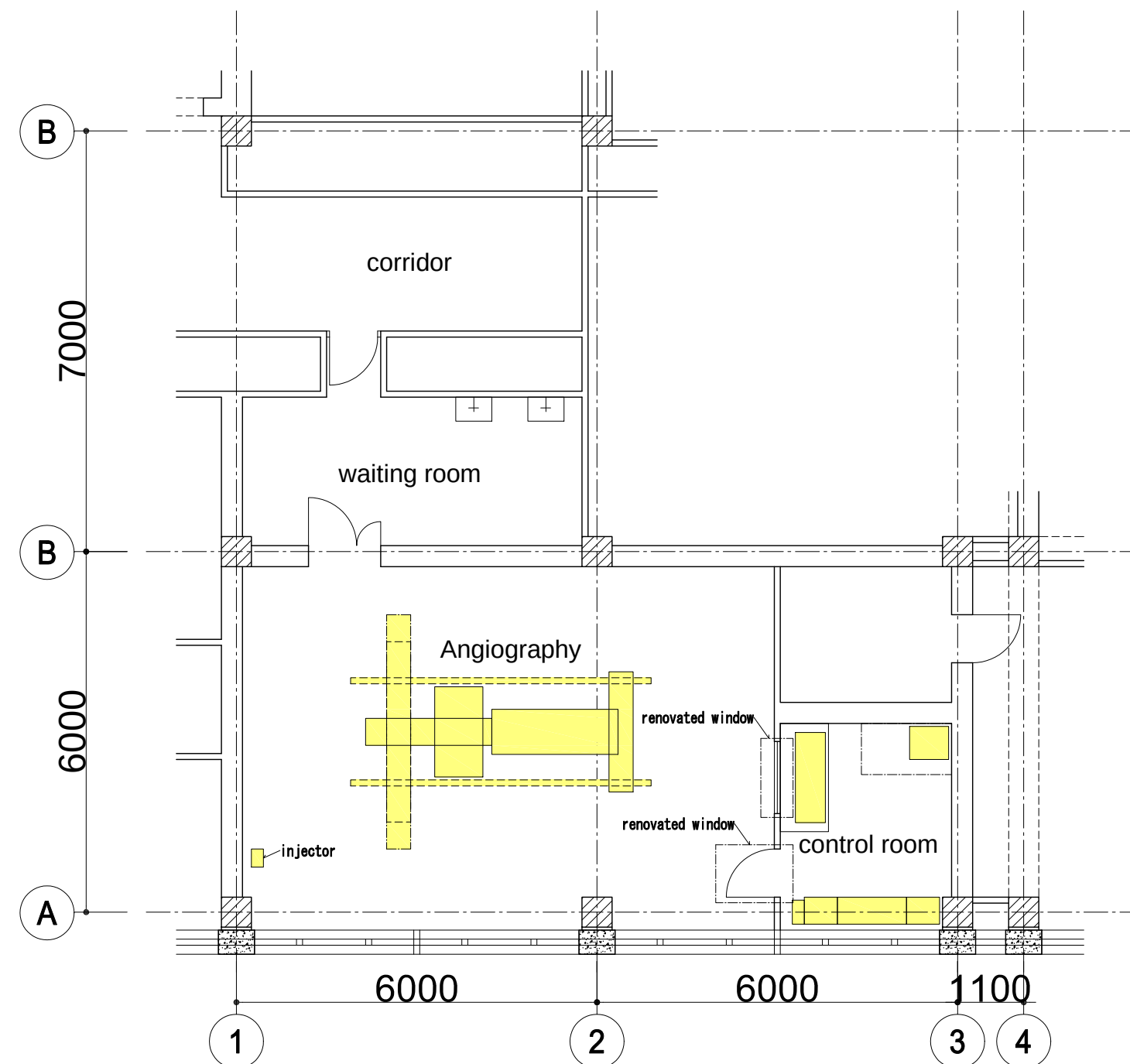




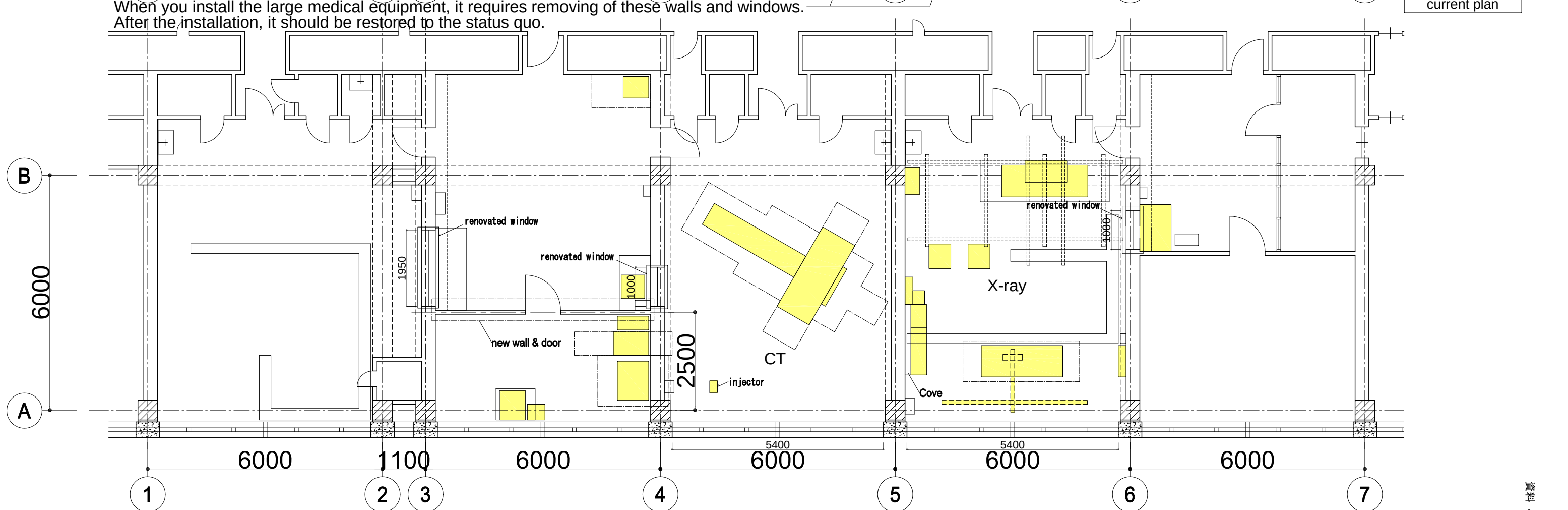
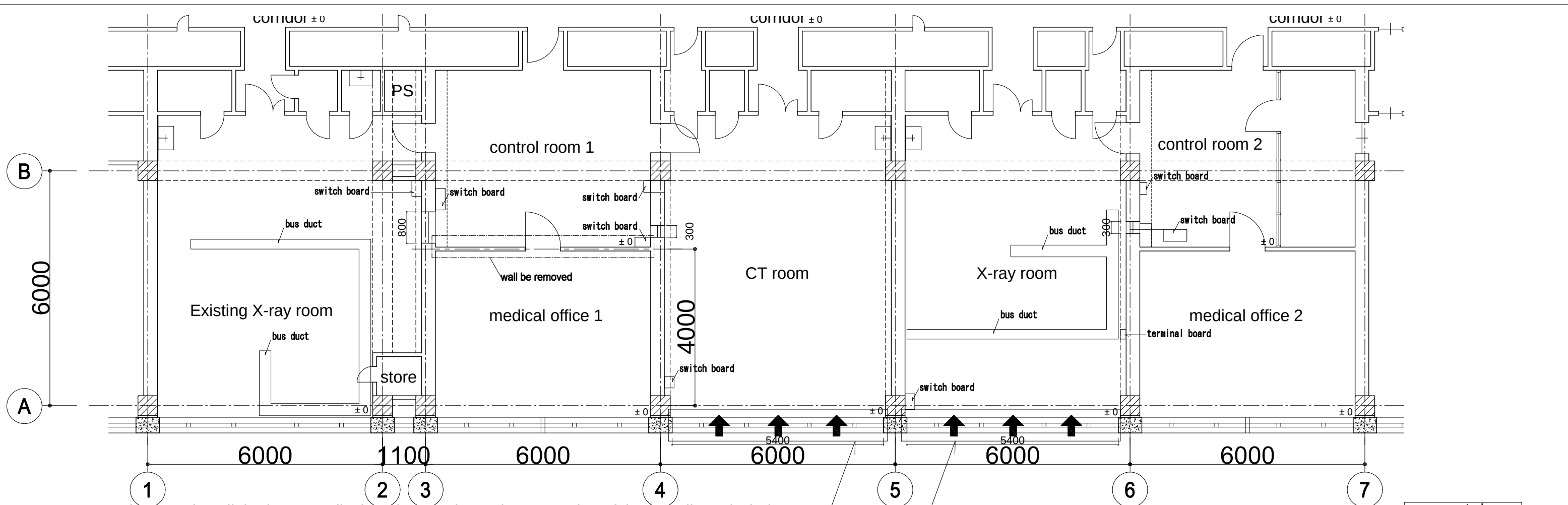


current plan

When you install the large medical equipment, it requires removing of these walls and windows.
After the installation, it should be restored to the status quo.

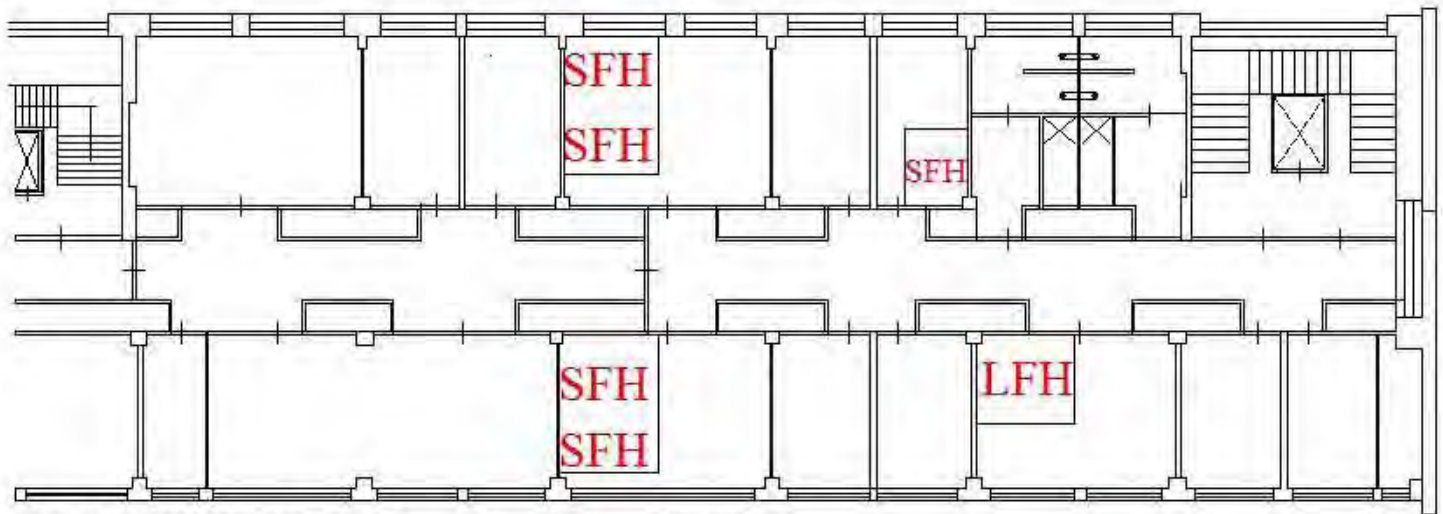


Sfanta Treime Hospital 3F Angiography PLAN



Sfanta Treime Hospital 2F CT, X-ray PLAN

2nd floor

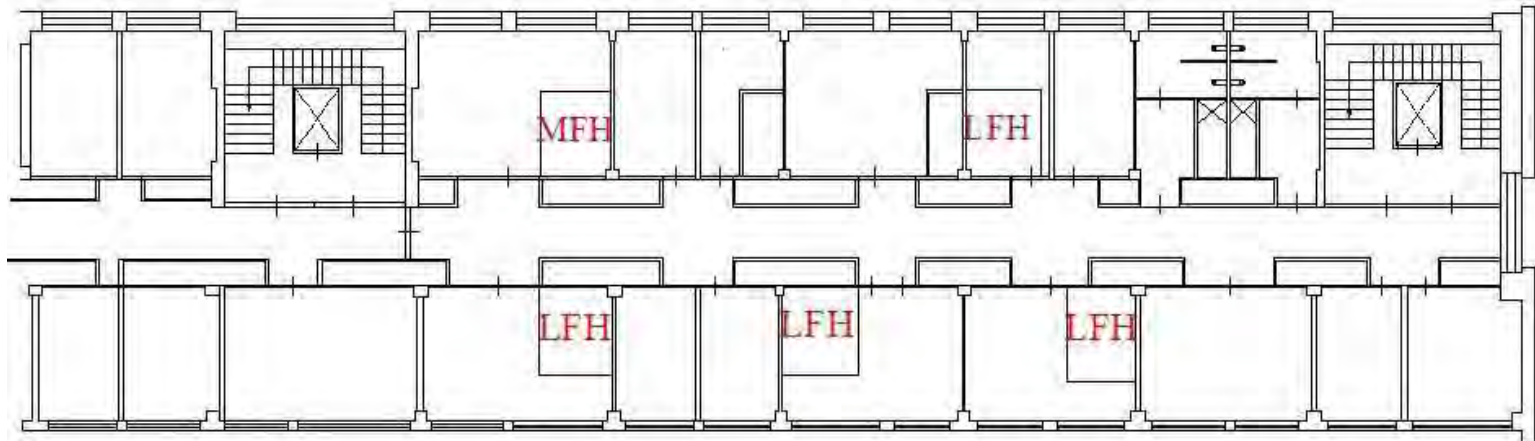


SFH: 121 (IP-62a) Laboratory Fume Hood A

MFH:122 (IP-62b) Laboratory Fume Hood B

LFH: 123 (IP-62c) Laboratory Fume Hood C

3rd floor



SFH: 121 (IP-62a) Laboratory Fume Hood A
MFH: 122 (IP-62b) Laboratory Fume Hood B
LFH: 123 (IP-62c) Laboratory Fume Hood C



Measuring Protocol

Magnetic field measurement		
date of measurement:		2013, November, 14 to 15
measuring engineer:		Dmitry Butenko / IPSMED
subject of measurement:		Preliminary magnetic field measurement at the installation place of MRI system
Project:	Name	Emergency Hospital
	City Country	Kishinev Moldavia
Project Name		The Project for improvement of Medical Care Service in the Republic of Moldova
Measuring procedure:		Measuring description page 2



Measuring Protocol about magnetic survey at the installation place

1. Magnetic survey

1.1 Measuring procedure magnetic survey

The strength and the fluctuation of the earth magnetic field and the magnetic influence of the associated area at the installation place of MRI system are measured by using a magnetic field meter type FM GEO.

By means of this kind of magnetic field meter it is possible to measure the current value of a magnetic field in each direction (Z, X or Y), offsetting the local earth magnetic field. Thereby the field fluctuation can be evaluated with a very high accuracy. By means of an A/D-transformer, the continuous analogue output voltage corresponding to the field strength measured by the FM GEO, can be recorded and analyzed in real time by computer.

The software also allows different calculations and FFT-analyze of the recorder field, both in real time and later on using the saved measuring results.

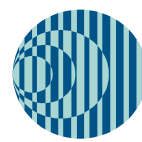
The use of two magnetic field meter type FM GEO allowed combining simultaneous magnetic field measurements in two directions or at different locations in real time.

Due to the possibility to measure simultaneously two directions in one point or at different places, we can locate the interference source of different field fluctuation in real time modus.

Measurements were main in the direction of Magnet Z axis direction (Main field), also in X and Y axes direction for checking.

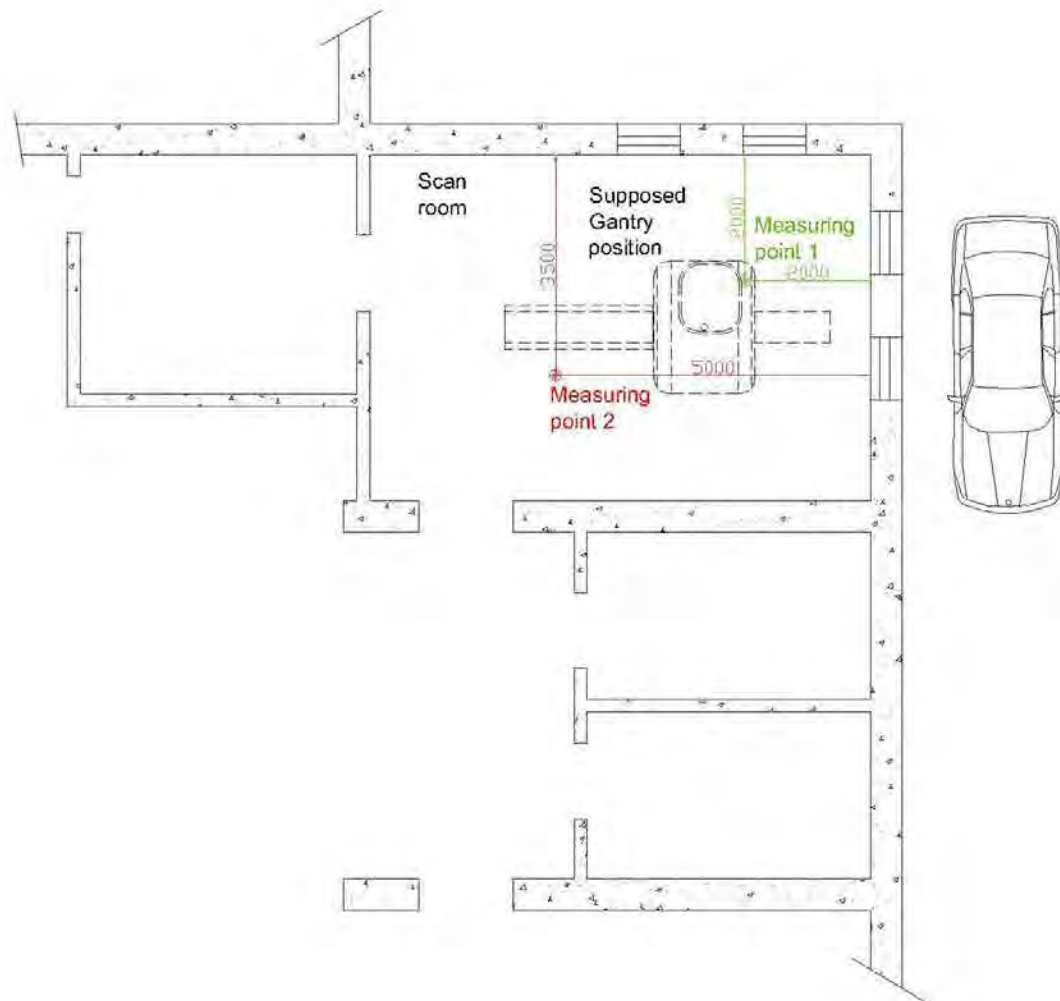
1.2 Measuring equipment

Pos.	Description	Type	Manufacturer
01	Magnetic Field Meter	FM GEO-X	Projekt Elektronik
02	Magnetic Field Meter	FM GEO-X	Projekt Elektronik
03	A/D-transformer		BMC-System
04	Laptop		Toshiba



2. Layout and measuring points

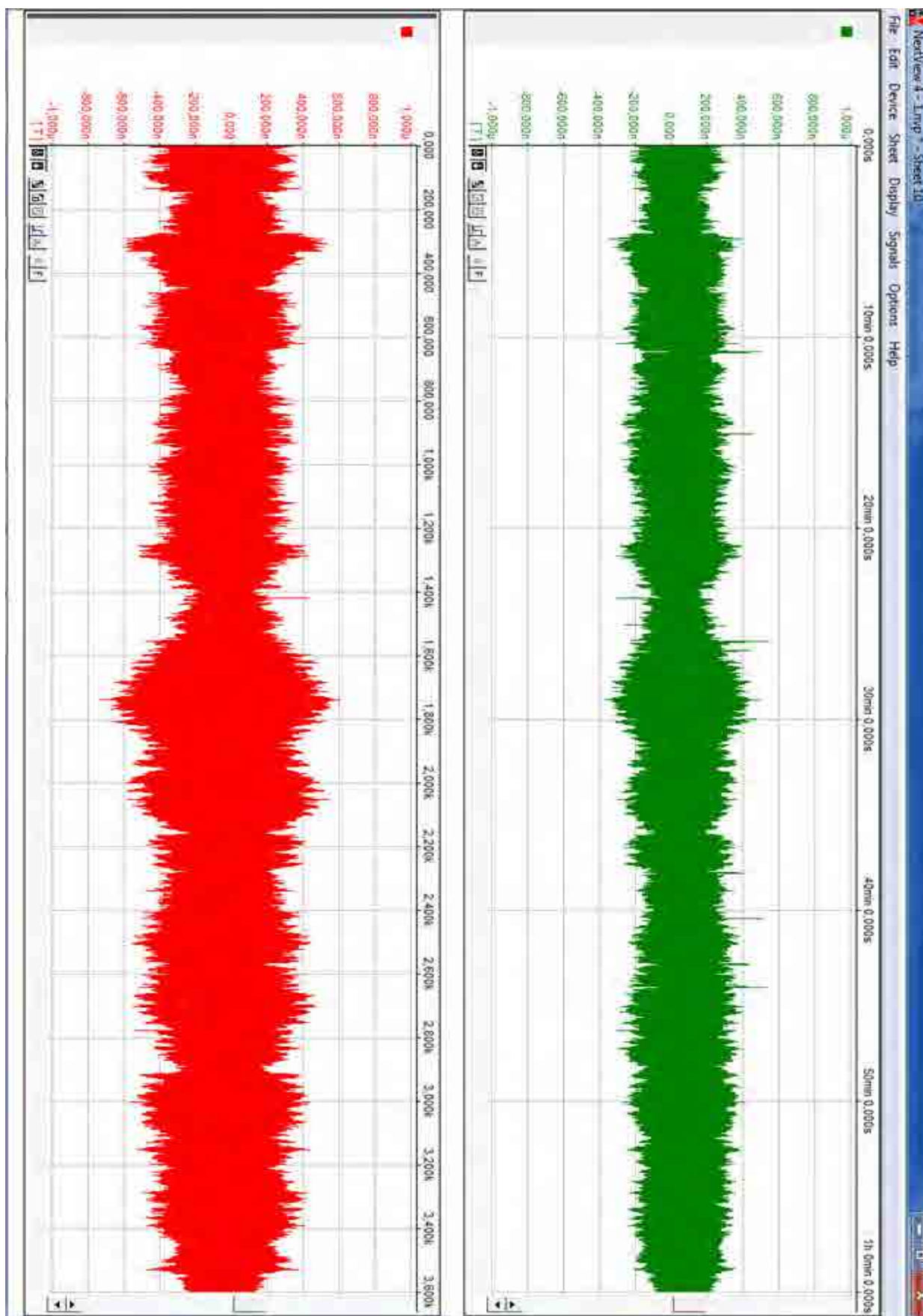
Measurements were made in planned MRI Scan room located in main building annex. The probes positions were across supposed Gantry position. Measuring Point 1 was from the direction of external wall. Measuring point 2 was from the direction of inner room/main building. There were no rooms above the Scan room. There is storage room under the scan room. Outside of external wall is hospital courtyard with cars movement and parking.

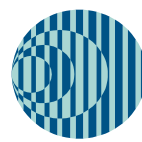




3. Measurement Results

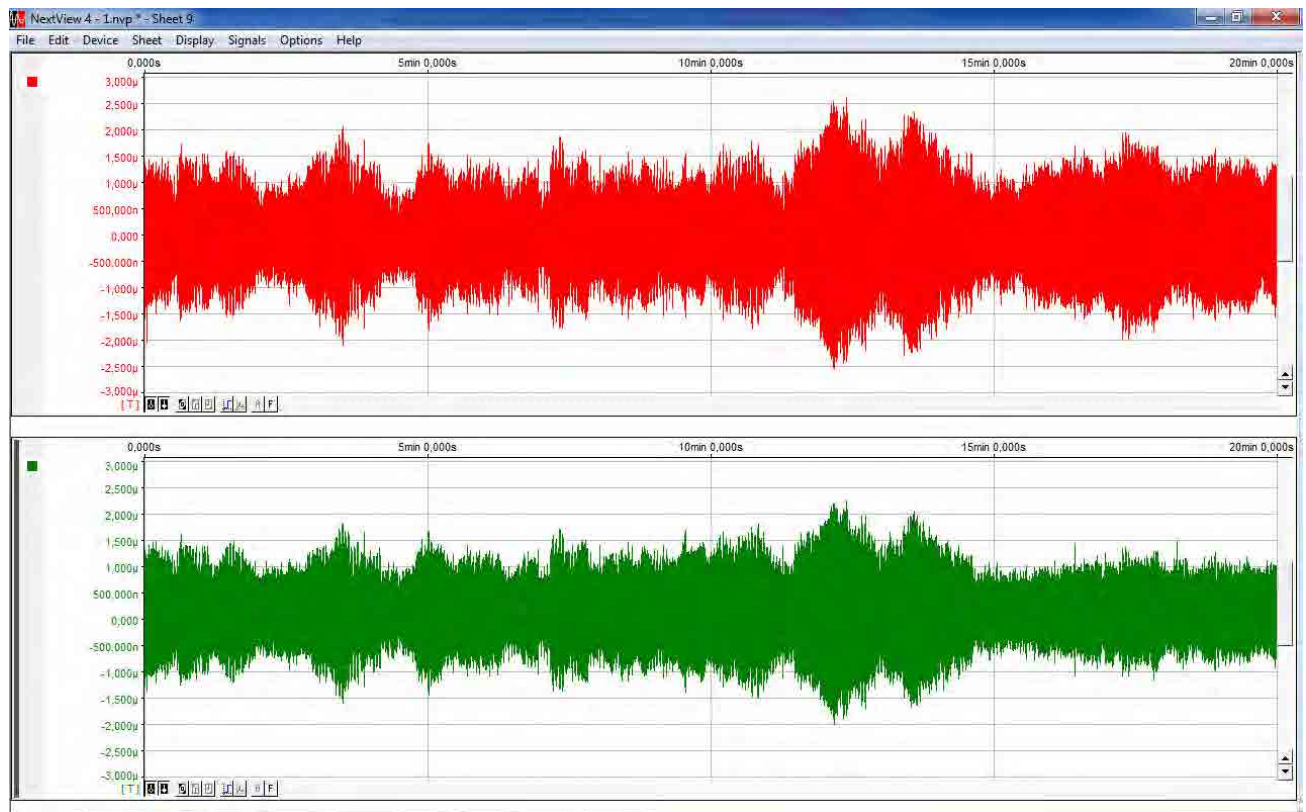
3.1 Measurements in Z axis (main field) in 9.30 – 10.30 time interval.





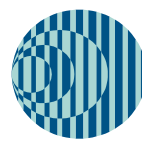
3.2 Measurements in Y,X axes in 11.00 – 12.00 time interval

Y

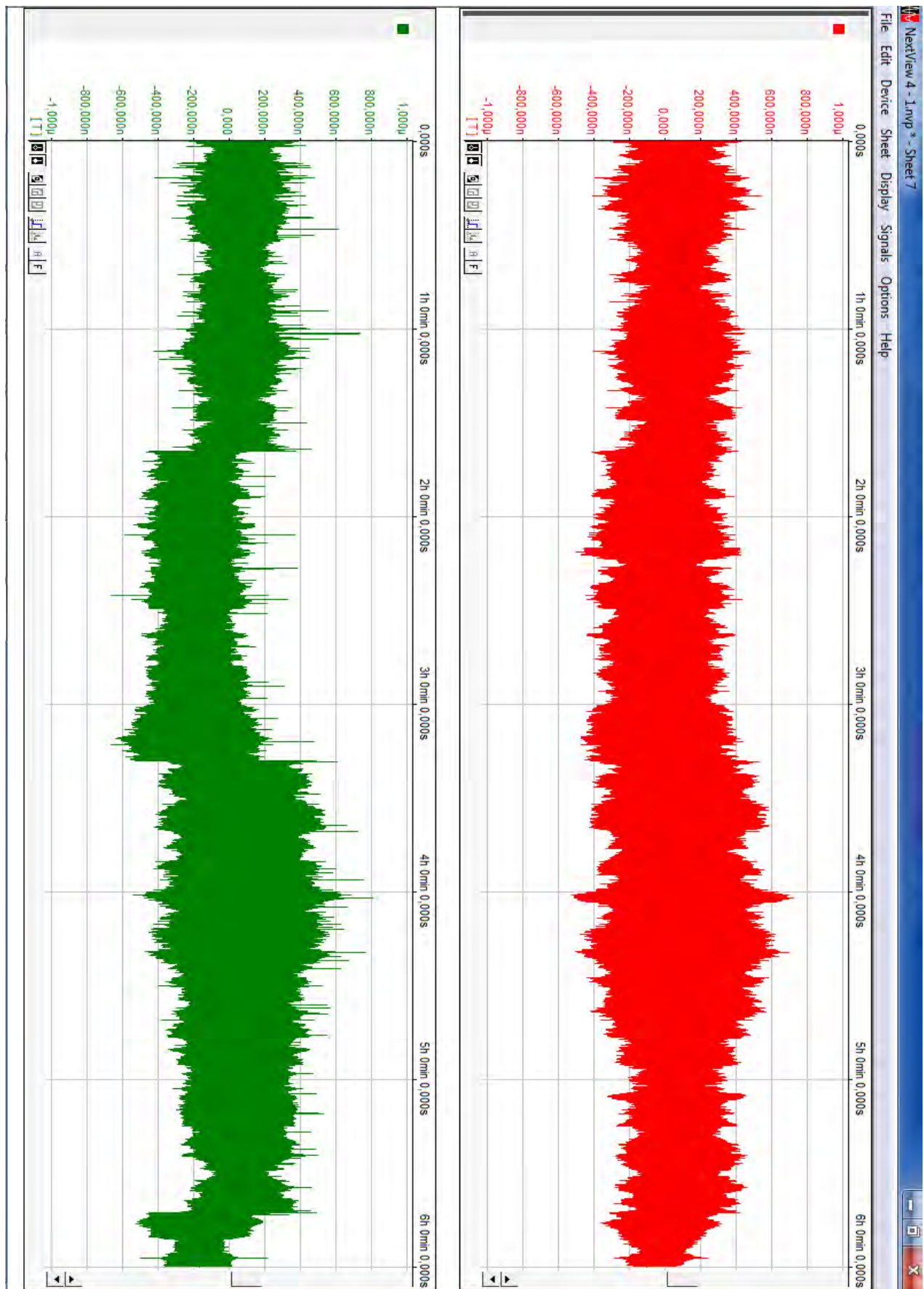


X



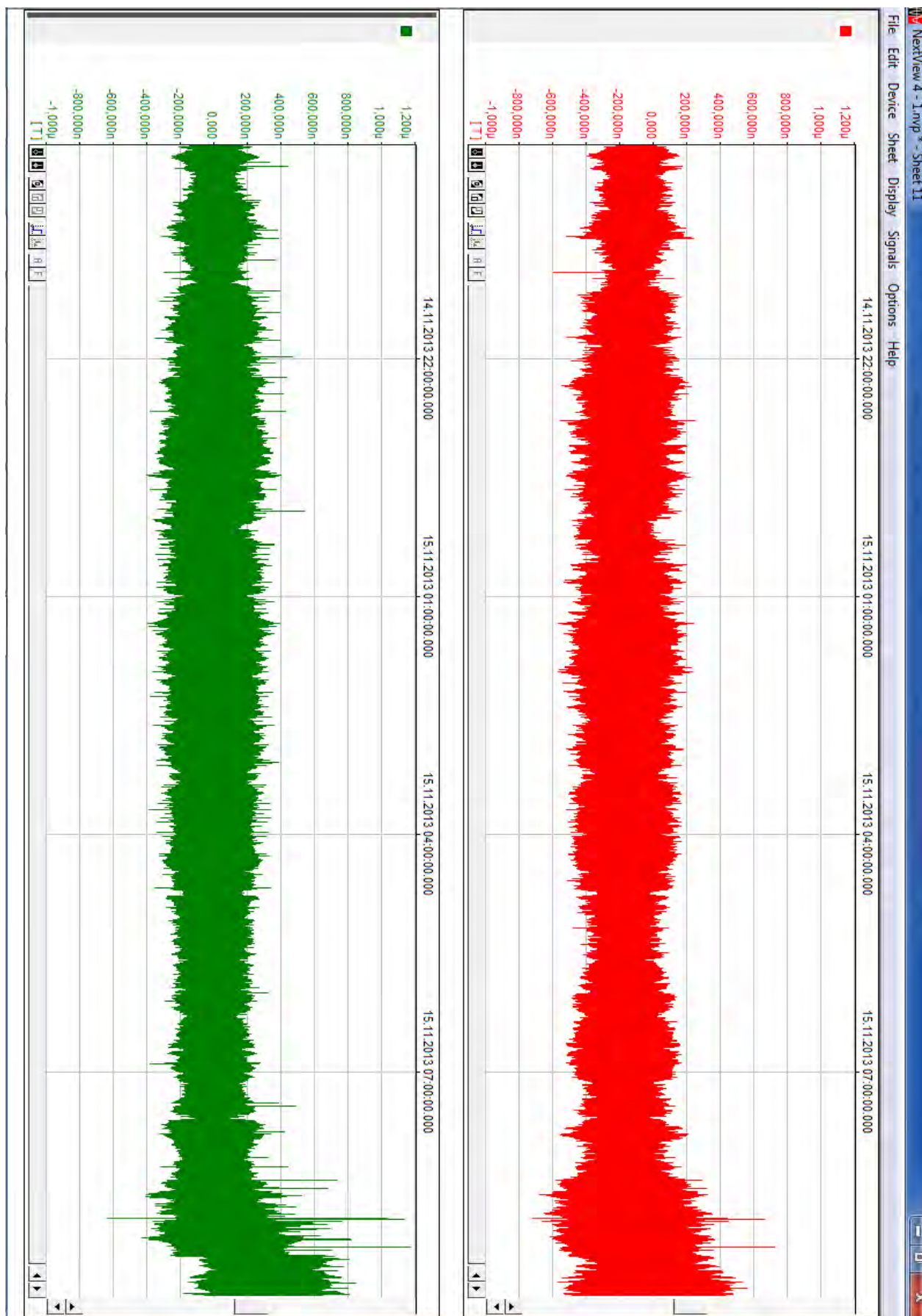


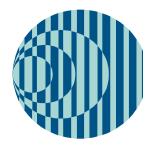
3.3 Measurements result in Z axis in 12.00 – 18.00 time interval





3.4 Measurements result in Z axis in 18.19 – 9.49 time interval.





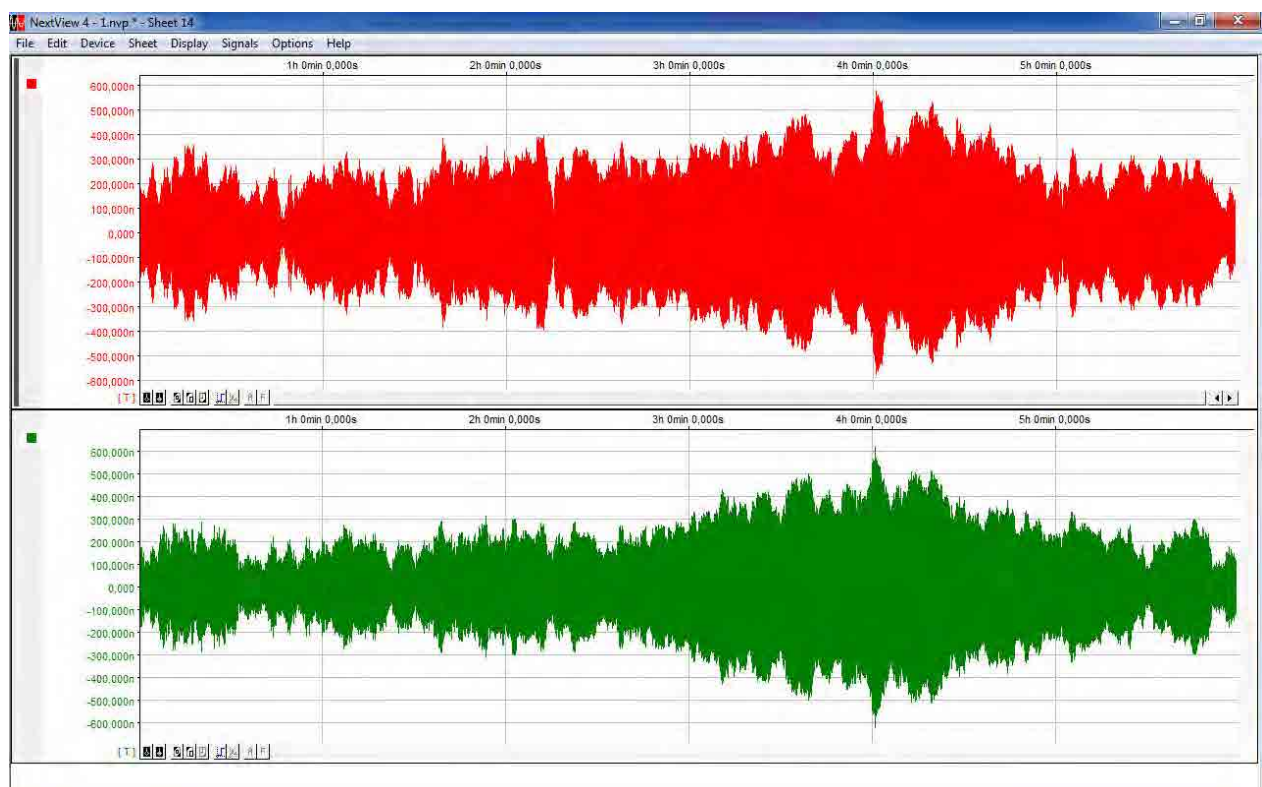
4. Measurement analysis and discussion

4.1 Frequency analysis using FFT function



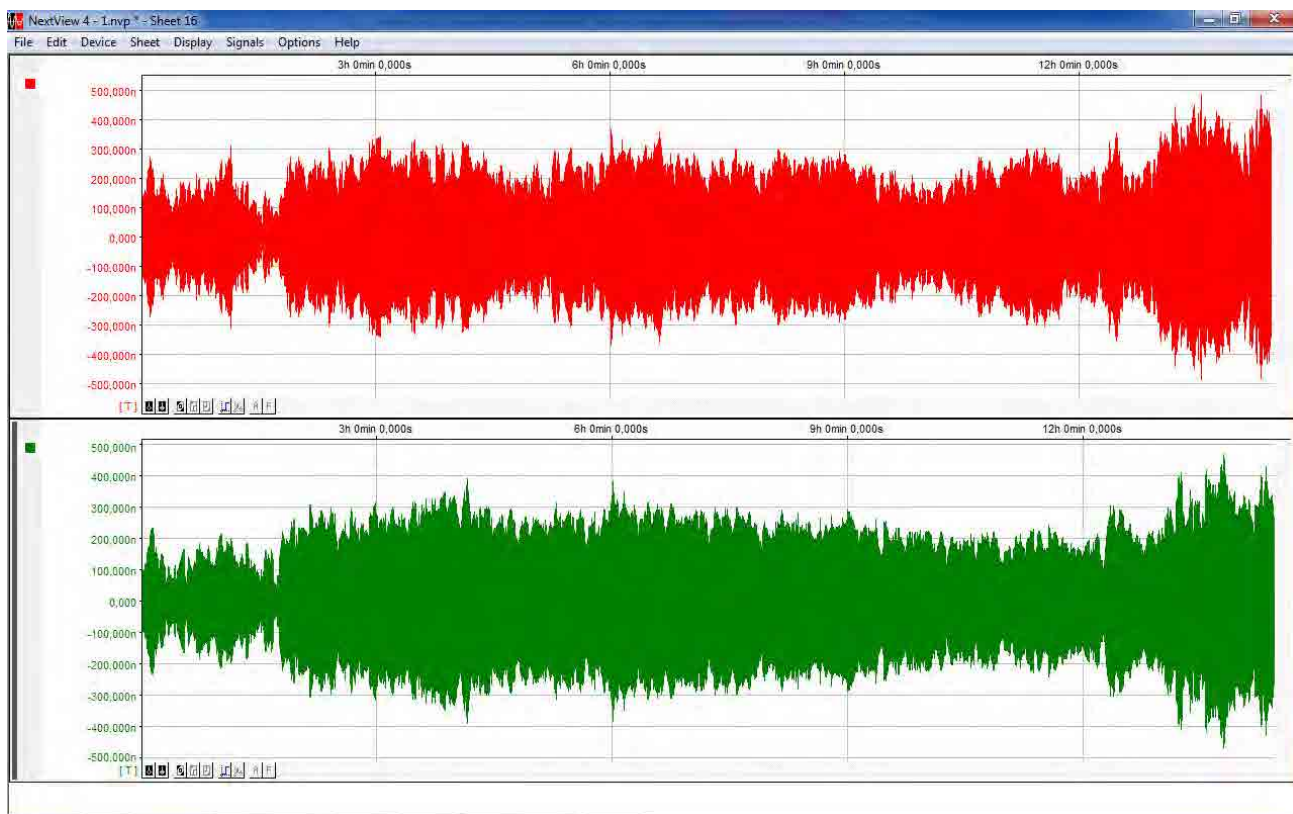
4.2 Magnetic field results 50 Hz

4.2.1 50 Hz disturbances in Z axis in day time

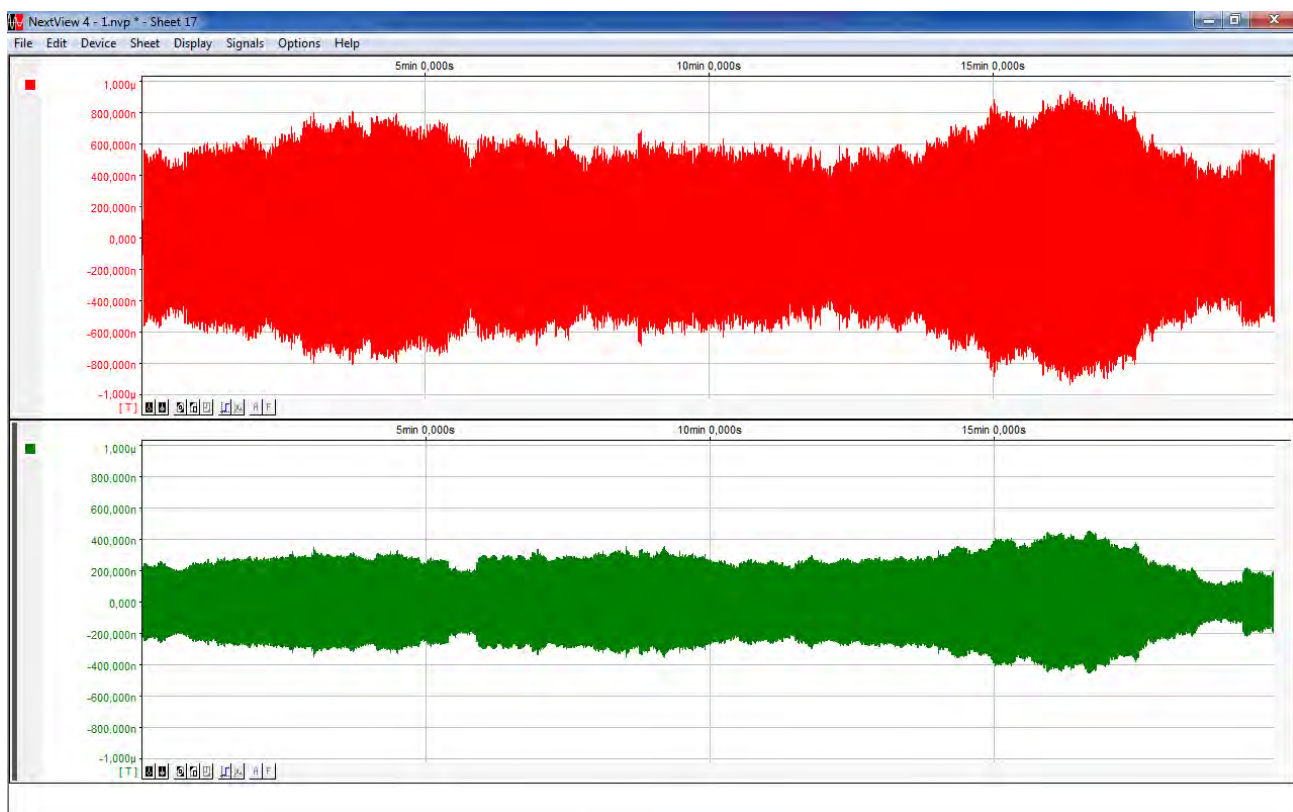




4.2.2 50 Hz disturbances in evening-night-morning time

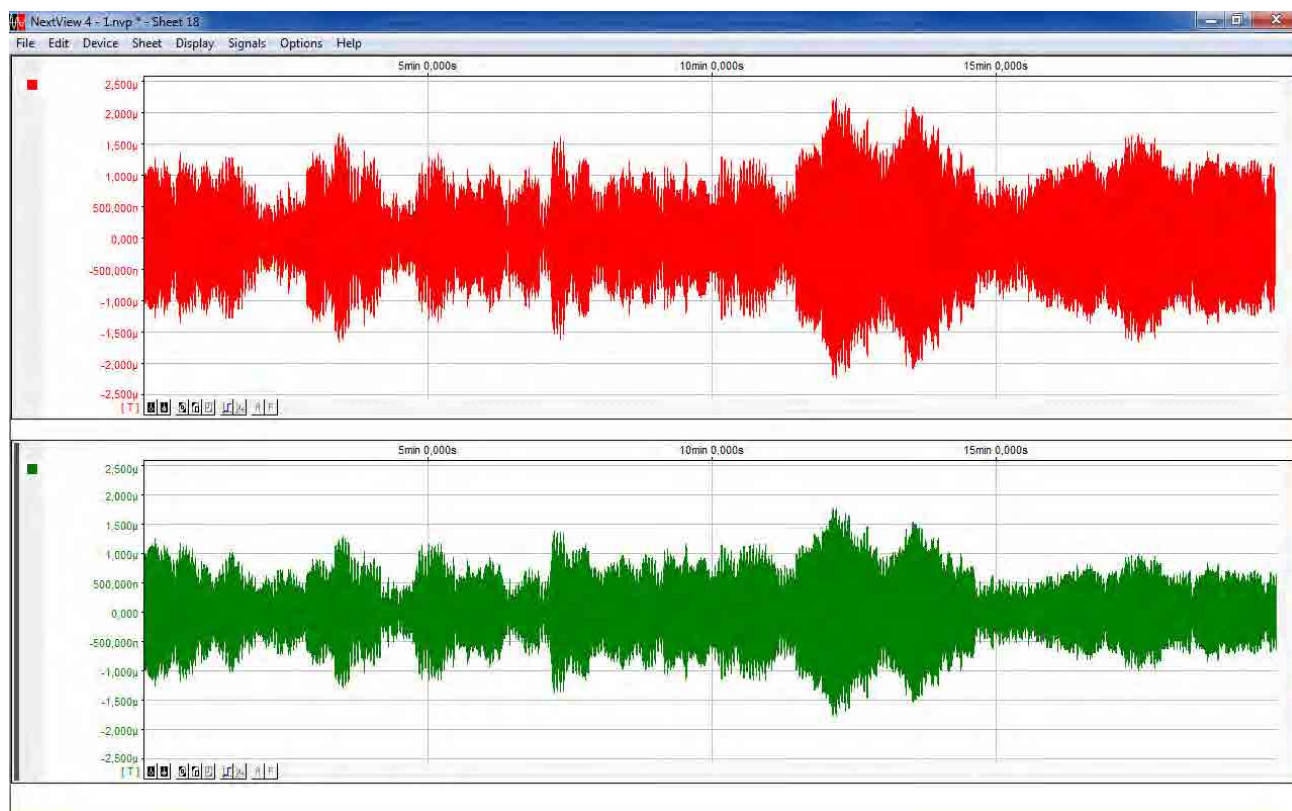


4.2.3 50 Hz disturbances in X axis



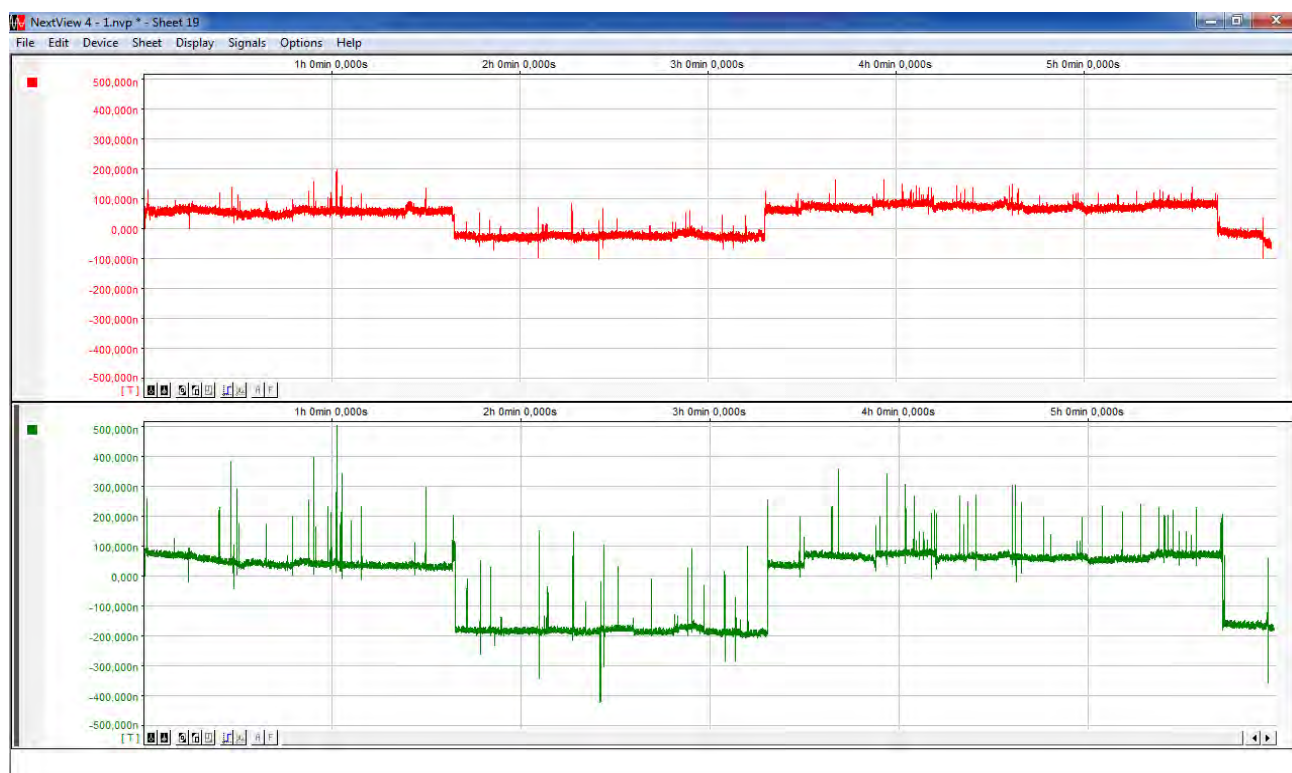


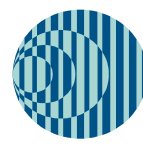
4.2.4 50 Hz disturbances in Y axis



4.3 Low frequency disturbances

4.3.1 Low frequency disturbances during day time





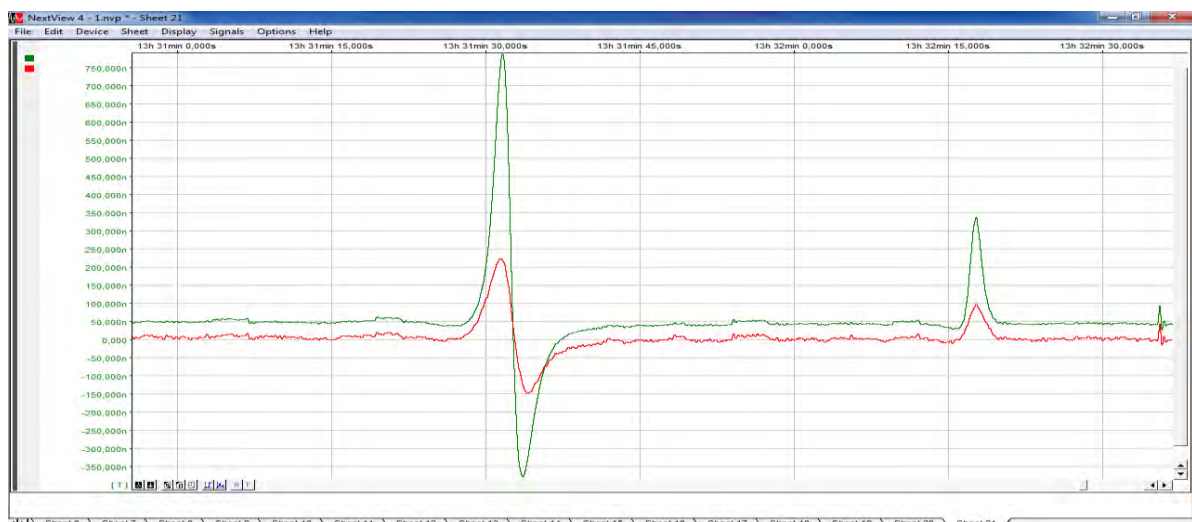
4.3.2 Low frequency disturbances during evening - morning time

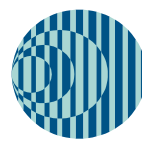


4.3 Summary

4.3.1 Main magnetic field disturbances were found at low frequency and 50 Hz.

4.3.2 The source of low frequency disturbance was cars movements and parking in the hospital courtyard along external wall of the scan room. Magnitude of the low frequency pulses depended of distance to the moving car and it's speed. Maximum fixed pulse was 1150 nT at MP1 and 370 nT at MP2. Intensity of the low disturbance goes down greatly with the distance.





4.3.3 The source of 50 Hz disturbances were power lines of the Hospital main building, light and wall sockets power lines. In night time some reduction of 50 Hz disturbances was observed. Peak value was fixed at 1200 nT in Z axis direction. But in secondary axes 50 Hz was fixed in higher level up to 4500 nT (Y axis).

5. Conclusions and recommendations

5.1. In the Measuring points disturbances of low frequency (DC) and 50 Hz frequency (AC) were detected.

Disturbance	DC, nT	AC, nT
MP1	up to 1150	up to 1200
MP2	up to 370	up to 1200
Specification	less 500	less 1000

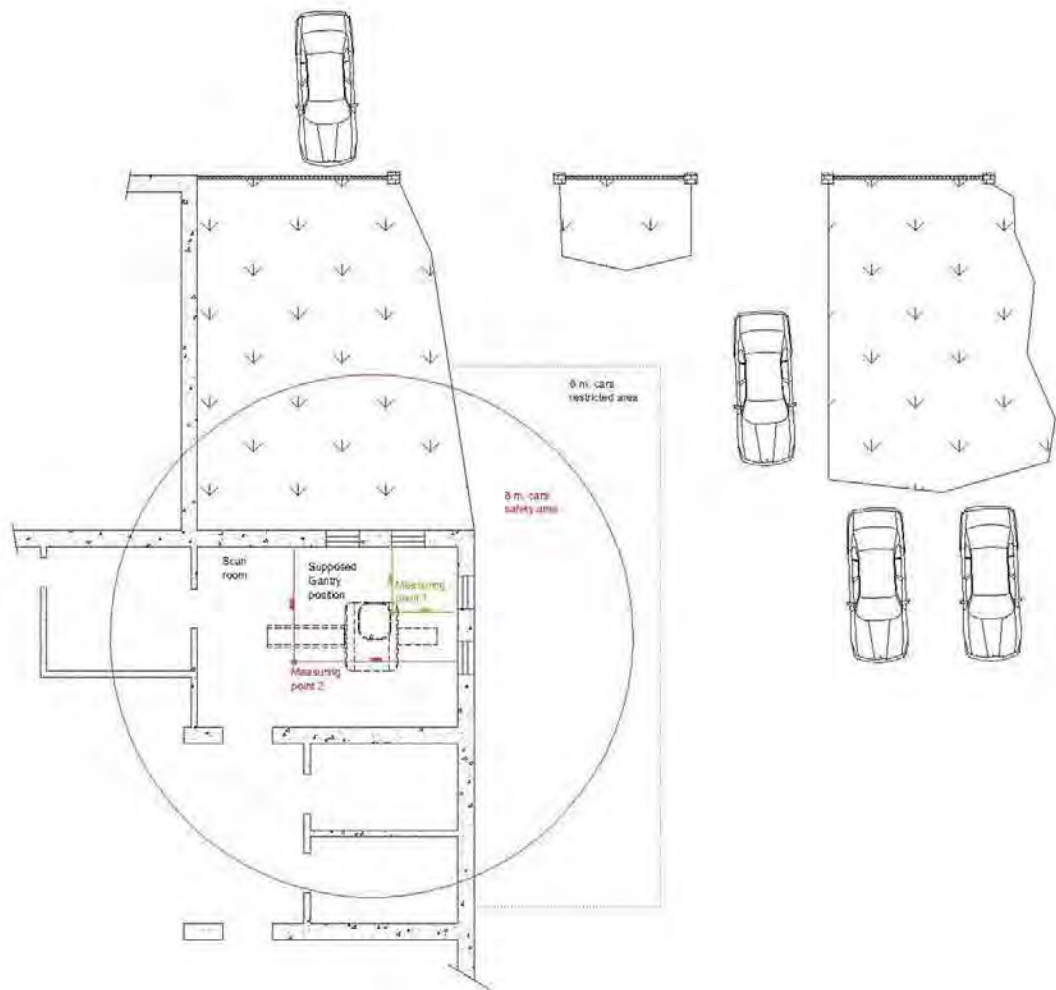
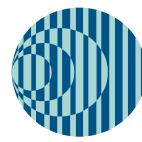
5.2. Magnetic field disturbances were out of specs, so some actions is necessary to prevent external affect to MRI system.

5.3. To compensate AC disturbance of max measured value 1200 nT and taking in consideration higher disturbances level in secondary axes the RF cage with AC attenuation not less than 10 is recommended (equal 3 mm aluminum structure).

5.4. To eliminate cars movement's influence to the installing MRI system it is recommended to restrict cars entry in the area within range 6 meters or more from external wall of MRI room (see next picture). Also the magnetic shielding can be used for this purpose or combination of two methods.

Next, the rooms under the MRI room should be free of all equipment and metal items and should be used as control access area.

5.5. Installation and normal operation of the 1.5T semi-conductive MRI system is possible after meeting conditions of pp. 5.3, 5.4.



RH: Republican Clinical Hospital

MH: Scientific Research Institute in the Field of Mother and Child Health Protection

EH: National Scientific-Practical Centre for Emergency Medicine

OI: Oncologic Institute

ST: Chisinau Municipal Clinical Hospital “Sfanta Treime”

IP: National Center for Public Health

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-001	Activated Coagulation Timer	2						2
Z-002	Air Sampling Pump A						2	2
Z-003	Air Sampling Pump B						13	13
Z-004	Alpha, Beta and Gamma Counting Spectrometry System						1	1
Z-005	Amenity Meter						1	1
Z-006	Amino Acid Analyzer		1					1
Z-007	Anesthesia Apparatus A	5						5
Z-008	Anesthesia Apparatus B	11	11		19	10		51
Z-009	Angiography			1		1		2
Z-010	Argon Plasma Coagulator	1						1
Z-011	Artificial Heart-Lung Machine	2						2
Z-012	Atomic Absorption Spectrophotometer						3	3
Z-013	Audiometer		2					2
Z-014	Autoclave, Vertical	3					2	5
Z-015	Automated Culture Media Preparator						1	1
Z-016	Automated Nucleic Acids Extraction System				1			1
Z-017	Automatic Colony Counter						1	1
Z-018	Automatic Immunohistochemistry Station				1			1
Z-019	Automatic Slide Stainer machine				4			4
Z-020	Automatic Titrator with Recorder						1	1
Z-021	Autotransfusion System	5						5
Z-022	Bidistillator						1	1
Z-023	Binocular Microscope	2	1					3
Z-024	Binocular Microscope with Camera	1						1
Z-025	Binocular Microscope, Fluorescence		5		4			9
Z-026	Biochemical Analyzer A		1					1
Z-027	Biochemical Analyzer B					1		1
Z-028	Biosafety Cabinet				1			1
Z-029	Blender Peristaltic Type						11	11
Z-030	Blood Bank Refrigerator	12						12
Z-031	Blood Gas Analyzer					2		2
Z-032	Blood Warmer	10						10
Z-033	Body Warmer	16						16
Z-034	Capillary Electrophoresis Apparatus						1	1
Z-035	Cardiotocograph		10					10
Z-036	Central Monitoring System		1					1
Z-037	Centrifuge	2						2
Z-038	Chromatograph Liquid						2	2
Z-039	Chromatograph, Gas A						1	1
Z-040	Chromatograph, Gas B						1	1
Z-041	Chromatograph, Gas C						1	1
Z-042	Chromatograph, Gas D						1	1
Z-043	Cleanbench	1						1
Z-044	CO2 Laser	1						1
Z-045	Coagulation Analyzer	1	1					2
Z-046	Colony Counter						10	10
Z-047	Conductometer						6	6
Z-048	Cooled Ultracentrifuge for Microtubes				1			1

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-049	Counterpulsation (IABP) Equipment	1						1
Z-050	CPAP		2					2
Z-051	Cryotome	1			1			2
Z-052	CT		1	1		1		3
Z-053	Defibrillator	6	7					13
Z-054	Defibrillator with Internal Pad	2						2
Z-055	Defibrillator with Pacing					4		4
Z-056	DNA Sequencer		1				1	2
Z-057	DNA Sequencing System				1			1
Z-058	Drying Oven				5		1	6
Z-059	Dust Meter						5	5
Z-060	ECG, 12-channel	2						2
Z-061	EEG	2	2					4
Z-062	Electric Coagulator, RF		1					1
Z-063	Electrodermatome		1					1
Z-064	Electrophoresis Protein Analyzer					1		1
Z-065	Electrophoresis System				2			2
Z-066	Electrosafety Analyzer	1						1
Z-067	Electrosurgical Unit A	2						2
Z-068	Electrosurgical Unit B	7				10		17
Z-069	ELISA System						1	1
Z-070	EMG		1					1
Z-071	Endoscope Washer / Disinfector A	1	3	1	14			19
Z-072	Endoscope Washer / Disinfector B				2			2
Z-073	ENT Examination Unit with Chair		2					2
Z-074	ENT Navigation System	1						1
Z-075	ENT Surgery Laser					1		1
Z-076	ENT Surgical Micromotor	1						1
Z-077	Equipment for Ecmo	1						1
Z-078	ESR Analyzer	2						2
Z-079	Examination Light	6						6
Z-080	Extracorporeal Life Support	1						1
Z-081	Feeding Pump	1						1
Z-082	Fluid Pump, Suction						4	4
Z-083	Fluorometer				2		1	3
Z-084	Gamma Counting Spectrometry System						2	2
Z-085	Gel Photo Documentation System				1			1
Z-086	Glass Coverslipping Device				3			3
Z-087	Headlight System	4						4
Z-088	Hematology Analyzer A	2						2
Z-089	Hematology Analyzer B		1			1		2
Z-090	Hematology Analyzer C		1					1
Z-091	Hemodialysis Machine	1						1
Z-092	High Pressure Steam Sterilizer A	2						2
Z-093	High Pressure Steam Sterilizer B			5	5			10
Z-094	High Pressure Steam Sterilizer C					1		1
Z-095	High Pressure Steam Sterilizer D					3		3
Z-096	High Speed Micromotor	1						1
Z-097	Histoprocessor				3			3
Z-098	Homogenizer						3	3
Z-099	Hot Plate		1		10			11
Z-100	Hybridizator (FISH/CISH)				1			1
Z-101	Hyper/Hypothermia System	2						2
Z-102	Ice Maker						2	2

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-103	ICU Bed		40					40
Z-104	ICU Bed Head Unit Single	10						10
Z-105	ICU Bed Head Unit Triple	2						2
Z-106	ICU Central Monitor	3						3
Z-107	Impedance Audiometer		2					2
Z-108	Infant Transport Incubator	1	4					5
Z-109	Infusion Pump A	54						54
Z-110	Infusion Pump B					34		34
Z-111	Laboratory Freezer				1		12	13
Z-112	Laboratory Freezer, ultra low						4	4
Z-113	Laboratory Fume Hood A						5	5
Z-114	Laboratory Fume Hood B						1	1
Z-115	Laboratory Fume Hood C						4	4
Z-116	Laboratory Incubator A		1				2	3
Z-117	Laboratory Incubator B						1	1
Z-118	Laboratory Washing, Drying and Disinfecting Machine						4	4
Z-119	Light Meter						4	4
Z-120	Mercury Analyzer						4	4
Z-121	Micro Centrifuge						6	6
Z-122	Microdebrider		1					1
Z-123	Micropipette Set				3		16	19
Z-124	Microwave Mineralizer						1	1
Z-125	MRI			1				1
Z-126	Multi Vortex				1			1
Z-127	Near Infrared Oxygenation Monitor	1						1
Z-128	Neuronavigation System			1				1
Z-129	OAE Screener		12					12
Z-130	Operation Light, Ceiling				16	10		26
Z-131	Operation Light, Ceiling with Camera	10						10
Z-132	Operation Microscope	1						1
Z-133	Operation Table	10		16	16	9		51
Z-134	Osmometer	1						1
Z-135	Otoscope with Monitor		2					2
Z-136	Panorama X-ray Apparatus		1					1
Z-137	Paraffin Embedding Machine				10			10
Z-138	Patient Monitor A	34						34
Z-139	Patient Monitor B	2						2
Z-140	Patient Monitor C	14	11		19	10		54
Z-141	Patient Monitor D		35		43	18		96
Z-142	Patient Monitor E		15					15
Z-143	Patient Monitor F					4		4
Z-144	Patient Monitor G					3		3
Z-145	Patient Trolley	4						4
Z-146	PCR Box				1			1
Z-147	PCR Thermal Cycler				2			2
Z-148	Pendant for Anesthesia	10						10
Z-149	Pendant for ICU	13						13
Z-150	Pendant for Surgical	10						10
Z-151	Perspiration Analyzer		1					1
Z-152	Phacoemulsification Machine	1						1
Z-153	pH-Meter						6	6
Z-154	Plasma Sterilizer	1						1
Z-155	Plasmapheresis Machine A	1						1
Z-156	Plasmapheresis Machine B				1			1

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-157	Polysomnograph		1					1
Z-158	Pulse Oximeter, Hand-held	14						14
Z-159	Real Time PCR		1				3	4
Z-160	Real Time PCR system				1			1
Z-161	Refrigerator				1			1
Z-162	Retriever for Antigen Unmasking				1			1
Z-163	Rhino Manometer	1						1
Z-164	Rigid Arthroscope Set			1				1
Z-165	Rigid Bronchoscope, Pediatric		1					1
Z-166	Rigid Cystoscope Set		1					1
Z-167	Rigid Laparoscope Set A			1	2			3
Z-168	Rigid Laparoscope Set B					1		1
Z-169	Rigid Laparoscope Set C		1			1		2
Z-170	Rigid Laparoscope Set D					1		1
Z-171	Rigid Laparoscope Set E		1					1
Z-172	Rigid Laparoscope Set F					1		1
Z-173	Rigid Laparoscope Set G				1			1
Z-174	Rigid ORL Surgery Endoscope Set					1		1
Z-175	Rigid Thoracoscope Set A	1						1
Z-176	Rigid Thoracoscope Set B				1	1		2
Z-177	Rigid TUR Set with HF Unit				2			2
Z-178	Rigid Urology TUR Set	1						1
Z-179	Rotary Evaporator with Vacuum Pump						1	1
Z-180	Rotary Microtome				13			13
Z-181	Rotary Sealer			4	4	4		12
Z-182	Selective Radiation Meter						1	1
Z-183	Set of Multi-Channel Micropipette				1		17	18
Z-184	Shaker, Reciprocating						2	2
Z-185	Simulator, Multiparameter	1						1
Z-186	Skin Grafts Perforator		1					1
Z-187	Slave Monitor	5						5
Z-188	Slit Lamp, OCT					1		1
Z-189	Solid Phase Extraction						1	1
Z-190	Sound Calibrator						4	4
Z-191	Sound Level Meter						5	5
Z-192	Spectrophotometer UV-VIS						2	2
Z-193	Stem cell Freezing System				1			1
Z-194	Stereo Microscope with TV Monitor						1	1
Z-195	Suction Unit	19				34		53
Z-196	Superimposed High Frequency Jet Ventilation	1						1
Z-197	Surgical Ablation System	1						1
Z-198	Surgical Retractors	2						2
Z-199	Survey Meter A						1	1
Z-200	Survey Meter B						3	3
Z-201	Syringe Pump A	58						58
Z-202	Syringe Pump B		15			34		49
Z-203	Thermoblock, PCR Sample				1		4	5
Z-204	TLC Densitometer						1	1
Z-205	Ultra Water Purifier						1	1
Z-206	Ultracentrifuge for Microtubes				2			2
Z-207	Ultrasonic Cleaner					3		3
Z-208	Ultrasound Apparatus A (General)					1		1
Z-209	Ultrasound Apparatus B (General)				1			1
Z-210	Ultrasound Apparatus C (Biopsy/Elastography)				1			1

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-211	Ultrasound Apparatus D (Cardiology)					1		1
Z-212	Ultrasound Apparatus E (Cardiology)	2						2
Z-213	Ultrasound Apparatus F (Neonatology)		1					1
Z-214	Ultrasound Apparatus G (Obstetrics)		1					1
Z-215	Ultrasound Apparatus H (Obstetrics)		4					4
Z-216	Ultrasound Apparatus I (Pediatrics)		3					3
Z-217	Ultrasound Apparatus J (Urology)	1						1
Z-218	Ultrasound Microphone						1	1
Z-219	Urine Analyzer	2	1					3
Z-220	UV Handwasher	10						10
Z-221	Vacuum Therapy Unit	1						1
Z-222	Ventilator for Adult A	32		12	23	16		83
Z-223	Ventilator for Adult B			10				10
Z-224	Ventilator for Neonate		2					2
Z-225	Ventilator for Pediatric A	1						1
Z-226	Ventilator for Pediatric B	1			1			2
Z-227	Ventilator Mobile					4		4
Z-228	Vertical Laminar Flow Unit	2						2
Z-229	Vibration Meter						5	5
Z-230	Video Bronchoscope A		1					1
Z-231	Video Bronchoscope B				3			3
Z-232	Video Colonoscope			2	16			18
Z-233	Video Cystoscope	1						1
Z-234	Video Duodenoscope			1				1
Z-235	Video Endoscope System		2	4	12	1		19
Z-236	Video Esophagoscope					1		1
Z-237	Video Gastroscope A		2					2
Z-238	Video Gastroscope B		2					2
Z-239	Video Gastroscope C		2					2
Z-240	Video Gastroscope D			2				2
Z-241	Video Gastroscope E			2	3			5
Z-242	Video Laryngoscope A	2						2
Z-243	Video Laryngoscope B				1			1
Z-244	Vitreotome		1					1
Z-245	Vortex Mixer				2		29	31
Z-246	Washer / Disinfector A	2						2
Z-247	Washer / Disinfector B			3	3			6
Z-248	Washer / Disinfector C					3		3
Z-249	Water Bath		1		10		11	22
Z-250	Water Distiller	1						1
Z-251	X-ray Apparatus General		1					1
Z-252	X-ray Apparatus Mobile		1	5	2	2		10
Z-253	X-ray C-arm			4	1			5
Z-254	X-ray C-arm with DSA	2						2
Z-255	X-ray CR System			3	1	2		6
Z-256	X-ray Digital Mammography				2			2
Z-257	X-ray Dry Imager					1		1
Z-258	X-ray Fluoroscopy for Urology		1					1
Z-259	X-ray General with Fluoroscopy A			1		1		2
Z-260	X-ray General with Fluoroscopy B		1		1			2
Z-261	X-Ray Impulse Dosimeter						2	2
Z-262	Yag Laser	1						1

Equipment list (Republican Clinical Hospital)

			Department																		
Code	Equipment Name	Total	Lab	CSSD	Temp	STO	OT-4 Oph	OT-6 Card	OT-7 Card	OT-9 Gen	OT-10 Gen	OT-11 Uro	OT-12 Vas	OT-13 Vas	OT-14 Thora	OT-15 ENT	OT-16 Orth	IND	REC	ICU	IMC
Z-001	Activated Coagulation Timer							1	1												
Z-007	Anesthesia Apparatus A	5						1	1				1	1			1				
Z-008	Anesthesia Apparatus B	11								1	1	1			1	1		6			
Z-010	Argon Plasma Coagulator	1														1					
Z-011	Artificial Heart-Lung Machine	2						1	1												
Z-014	Autoclave, Vertical	3	1			2															
Z-021	Autotransfusion System	5						1	1				1	1			1				
Z-023	Binocular Microscope	2	2																		
Z-024	Binocular Microscope with Camera	1	1																		
Z-030	Blood Bank Refrigerator	12	12																		
Z-032	Blood Warmer	10						1	1	1	1	1	1	1	1		1			1	
Z-033	Body Warmer	16						1	1	1	1	1	1	1	1	1	1		5		1
Z-037	Centrifuge	2	2																		
Z-043	Cleanbench	1	1																		
Z-044	CO2 Laser	1														1					
Z-045	Coagulation Analyzer	1	1																		
Z-049	Counterpulsation (IABP) Equipment	1						1													
Z-051	Cryotome	1	1																		
Z-053	Defibrillator	6											1				1	1	1	1	1
Z-054	Defibrillator with Internal Pad	2						1	1												
Z-060	ECG, 12-channel	2																		1	1
Z-061	EEG	2																		1	1
Z-066	Electrosafety Analyzer	1																			1
Z-067	Electrosurgical Unit A	2						1	1												
Z-068	Electrosurgical Unit B	7								1	1	1	1	1	1		1				
Z-071	Endoscope Washer / Disinfector A	1		1																	
Z-074	ENT Navigation System	1														1					
Z-076	ENT Surgical Micromotor	1														1					
Z-077	Equipment for Ecmo	1																		1	
Z-078	ESR Analyzer	2	2																		
Z-079	Examination Light	6																6			
Z-080	Extracorporeal Life Support	1							1												
Z-081	Feeding Pump	1																			1
Z-087	Headlight System	4						1	1				1				1				
Z-088	Hematology Analyzer A	2	2																		
Z-091	Hemodialysis Machine	1																		1	
Z-092	High Pressure Steam Sterilizer A	2		2																	
Z-096	High Speed Micromotor	1															1				
Z-101	Hyper/Hypothermia System	2						1	1												

Equipment list (Republican Clinical Hospital)

			Department																		
Code	Equipment Name	Total	Lab	CSSD	Temp	STO	OT-4 Oph	OT-6 Card	OT-7 Card	OT-9 Gen	OT-10 Gen	OT-11 Uro	OT-12 Vas	OT-13 Vas	OT-14 Thora	OT-15 ENT	OT-16 Orth	IND	REC	ICU	IMC
Z-104	ICU Bed Head Unit Single	10																	0	10	0
Z-105	ICU Bed Head Unit Triple	2																2			
Z-106	ICU Central Monitor	3																	1	1	1
Z-108	Infant Transport Incubator	1																		1	
Z-109	Infusion Pump A	54						3	3	1	1	1	1	1	1	1	1	6	13	14	7
Z-127	Near Infrared Oxygenation Monitor	1						1													
Z-131	Operation Light, Ceiling with Camera	10						1	1	1	1	1	1	1	1	1	1				
Z-132	Operation Microscope	1														1					
Z-133	Operation Table	10						1	1	1	1	1	1	1	1	1	1				
Z-134	Osmometer	1	1																		
Z-138	Patient Monitor A	34																	13	14	7
Z-139	Patient Monitor B	2						1	1												
Z-140	Patient Monitor C	14								1	1	1	1	1	1	1	1	6			
Z-145	Patient Trolley	4			0													1	1	1	1
Z-148	Pendant for Anesthesia	10						1	1	1	1	1	1	1	1	1	1				
Z-149	Pendant for ICU	13																	9	4	
Z-150	Pendant for Surgical	10						1	1	1	1	1	1	1	1	1	1				
Z-152	Phacoemulsification Machine	1					1														
Z-154	Plasma Sterilizer	1		1																	
Z-155	Plasmapheresis Machine A	1																		1	
Z-158	Pulse Oximeter, Hand-held	14																		14	
Z-163	Rhino Manometer	1														1					
Z-175	Rigid Thoracoscope Set A	1							1												
Z-178	Rigid Urology TUR Set	1										1									
Z-185	Simulator, Multiparameter	1																			1
Z-187	Slave Monitor	5						1	1										1	1	1
Z-195	Suction Unit	19						3	3	1	1	2	1	1	1	2	1		1	1	1
Z-196	Superimposed High Frequency Jet Ventilation	1														1					
Z-197	Surgical Ablation System	1						1													
Z-198	Surgical Retractors	2						1	1												
Z-201	Syringe Pump A	58						3	3	1	1	1	2	2	2	1	2	6	13	14	7
Z-212	Ultrasound Apparatus E (Cardiology)	2						1												1	
Z-217	Ultrasound Apparatus J (Urology)	1										1									
Z-219	Urine Analyzer	2	2																		
Z-220	UV Handwasher	10							1	1	1	1	1	1	1	1	1				
Z-221	Vacuum Therapy Unit	1						1													
Z-222	Ventilator for Adult A	32																	13	12	7
Z-225	Ventilator for Pediatric A	1																		1	
Z-226	Ventilator for Pediatric B	1																		1	

Equipment list (Republican Clinical Hospital)

			Department																		
Code	Equipment Name	Total	Lab	CSSD	Temp	STO	OT-4 Oph	OT-6 Card	OT-7 Card	OT-9 Gen	OT-10 Gen	OT-11 Uro	OT-12 Vas	OT-13 Vas	OT-14 Thora	OT-15 ENT	OT-16 Orth	IND	REC	ICU	IMC
Z-228	Vertical Laminar Flow Unit	2						1	1												
Z-233	Video Cystoscope	1										1									
Z-242	Video Laryngoscope A	2																1		1	
Z-246	Washer / Disinfector A	2		2																	
Z-250	Water Distiller	1	1																		
Z-254	X-ray C-arm with DSA	2							1								1				
Z-262	Yag Laser	1										1									

Equipment list (Scientific Research Institute in the Field of Mother and Child Health)

CodeEquipment Name		Total	Department																								
			Imaging and X-ray	Policlinic, imaging diagnosis	Obstetric	Pediatric	Neonate	Endoscopy	Operation, Obstetric	Operation, Pediatric	ICU, Neonate	ICU,Obstetric	ICU, Pediatric	Delivery room	Laboratory	Functional diagnostics	Neonate / Obstetric	Genetic investigation	Operation room	ICU No. 1	ICU No. 2	ENT	Audiology	Radiology	Ophthalmology	Genetic investigation	ICU
Z-006	Amino Acid Analyzer	1															1										
Z-008	Anesthesia Apparatus B	11						5	4									2									
Z-013	Audiometer	2																				2					
Z-023	Binocular Microscope	1												1													
Z-025	Binocular Microscope, Fluorescence	5															5										
Z-026	Biochemical Analyzer A	1												1													
Z-035	Cardiotocograph	10											10														
Z-036	Central Monitoring System	1																	1								
Z-045	Coagulation Analyzer	1												1													
Z-050	CPAP	2									2																
Z-052	CT	1	1																								
Z-053	Defibrillator	7																5	1	1							
Z-056	DNA Sequencer	1															1										
Z-061	EEG	2													2												
Z-062	Electric Coagulator, RF	1																			1						
Z-063	Electrodermatome	1																1									
Z-070	EMG	1													1												
Z-071	Endoscope Washer / Disinfector A	3					3																				
Z-073	ENT Examination Unit with Chair	2																			2						
Z-089	Hematology Analyzer B	1												1													
Z-090	Hematology Analyzer C	1												1													
Z-099	Hot Plate	1															1										
Z-103	ICU Bed	40																									40
Z-107	Impedance Audiometer	2																				2					
Z-108	Infant Transport Incubator	4														4											
Z-116	Laboratory Incubator A	1															1										
Z-122	Microdebrider	1																			1						
Z-129	OAE Screener	12																				12					
Z-135	Otoscope with Monitor	2																			2						
Z-136	Panorama X-ray Apparatus	1																					1				
Z-140	Patient Monitor C	11						5	4									2									
Z-141	Patient Monitor D	35									10	25															
Z-142	Patient Monitor E	15								15																	

Equipment list (Scientific Research Institute in the Field of Mother and Child Health)

Code	Equipment Name	Total	Department																								
			Imaging and X-ray	Policlinic, imaging diagnosis	Obstetric	Pediatric	Neonate	Endoscopy	Operation, Obstetric	Operation, Pediatric	ICU, Neonate	ICU, Obstetric	ICU, Pediatric	Delivery room	Laboratory	Functional diagnostics	Neonate / Obstetric	Genetic investigation	Operation room	ICU No. 1	ICU No. 2	ENT	Audiology	Radiology	Ophthalmology	Genetic investigation	ICU
Z-151	Perspiration Analyzer	1															1										
Z-157	Polysomnograph	1													1												
Z-159	Real Time PCR	1															1										
Z-165	Rigid Bronchoscope, Pediatric	1					1																				
Z-166	Rigid Cystoscope Set	1					1																				
Z-169	Rigid Laparoscope Set C	1						1																			
Z-171	Rigid Laparoscope Set E	1							1																		
Z-186	Skin Grafts Perforator	1																1									
Z-202	Syringe Pump B	15																5	5	5							
Z-213	Ultrasound Apparatus F (Neonatology)	1				1																					
Z-214	Ultrasound Apparatus G (Obstetrics)	1															1										
Z-215	Ultrasound Apparatus H (Obstetrics)	4			4																						
Z-216	Ultrasound Apparatus I (Pediatrics)	3				3																					
Z-219	Urine Analyzer	1											1														
Z-224	Ventilator for Neonate	2									2																
Z-230	Video Bronchoscope A	1					1																				
Z-235	Video Endoscope System	2					2																				
Z-237	Video Gastroscope A	2					2																				
Z-238	Video Gastroscope B	2					2																				
Z-239	Video Gastroscope C	2					2																				
Z-244	Vitreotome	1																							1		
Z-249	Water Bath	1															1										
Z-251	X-ray Apparatus General	1	1																								
Z-252	X-ray Apparatus Mobile	1	1																								
Z-258	X-ray Fluoroscopy for Urology	1		1																							
Z-260	X-ray General with Fluoroscopy B	1	1																								

Equipment list (National Scientific-Practical Centre for Emergency Medicine)

Code	Equipment Name	Total	Department			
			Imaging diagnosis	OR	ICU	Endoscopy dept. CSSD
Z-009	Angiography	1	1			
Z-052	CT	1	1			
Z-071	Endoscope Washer / Disinfector A	1				1
Z-093	High Pressure Steam Sterilizer B	5				5
Z-125	MRI	1	1			
Z-128	Neuronavigation System	1		1		
Z-133	Operation Table	16		16		
Z-164	Rigid Arthroscope Set	1				1
Z-167	Rigid Laparoscope Set A	1				1
Z-181	Rotary Sealer	4				4
Z-222	Ventilator for Adult A	12			12	
Z-223	Ventilator for Adult B	10			10	
Z-232	Video Colonoscope	2				2
Z-234	Video Duodenoscope	1				1
Z-235	Video Endoscope System	4				4
Z-240	Video Gastroscope D	2				2
Z-241	Video Gastroscope E	2				2
Z-247	Washer / Disinfector B	3				3
Z-252	X-ray Apparatus Mobile	5	5			
Z-253	X-ray C-arm	4		4		
Z-255	X-ray CR System	3	3			
Z-259	X-ray General with Fluoroscopy A	1	1			

Equipment list (Oncologic Institute)

Code	Equipment Name	Total	Department							
			Policlinic, imaging diagnosis	Policlinic, endoscopy	ICU	OR	Genetic investigation	Air Sterilization Unit	Morphopathology Lab	Colon Cancer Screening
Z-008	Anesthesia Apparatus B	19				19				
Z-016	Automated Nucleic Acids Extraction System	1					1			
Z-018	Automatic Immunohistochemistry Station	1							1	
Z-019	Automatic Slide Stainer machine	4							4	
Z-025	Binocular Microscope, Fluorescence	4							4	
Z-028	Biosafety Cabinet	1							1	
Z-048	Cooled Ultracentrifuge for Microtubes	1					1			
Z-051	Cryotome	1							1	
Z-057	DNA Sequencing System	1					1			
Z-058	Drying Oven	5							5	
Z-065	Electrophoresis System	2					2			
Z-071	Endoscope Washer / Disinfector A	14		4		1				9
Z-072	Endoscope Washer / Disinfector B	2								2
Z-083	Fluorometer	2					2			
Z-085	Gel Photo Documentation System	1					1			
Z-086	Glass Coverslipping Device	3							3	
Z-093	High Pressure Steam Sterilizer B	5								5
Z-097	Histoprocessor	3							3	
Z-099	Hot Plate	10							10	
Z-100	Hybridizator (FISH/CISH)	1							1	
Z-111	Laboratory Freezer	1					1			
Z-123	Micropipette Set	3					3			
Z-126	Multi Vortex	1					1			
Z-130	Operation Light, Ceiling	16				16				
Z-133	Operation Table	16				16				
Z-137	Paraffin Embedding Machine	10							10	
Z-140	Patient Monitor C	19				19				
Z-141	Patient Monitor D	43			24	19				
Z-146	PCR Box	1					1			
Z-147	PCR Thermal Cycler	2					2			
Z-156	Plasmapheresis Machine B	1						1		
Z-160	Real Time PCR system	1					1			
Z-161	Refrigerator	1					1			
Z-162	Retriever for Antigen Unmasking	1							1	
Z-167	Rigid Laparoscope Set A	2				2				
Z-173	Rigid Laparoscope Set G	1				1				
Z-176	Rigid Thoracoscope Set B	1				1				
Z-177	Rigid TUR Set with HF Unit	2				2				
Z-180	Rotary Microtome	13							13	
Z-181	Rotary Sealer	4								4

Equipment list (Oncologic Institute)

Code	Equipment Name	Total	Department							
			Policlinic, imaging diagnosis	Policlinic, endoscopy	ICU	OR	Genetic investigation	Air Sterilization Unit	Morphopathology Lab	Colon Cancer Screening
Z-183	Set of Multi-Channel Micropipette	1					1			
Z-193	Stem cell Freezing System	1						1		
Z-203	Thermoblock, PCR Sample	1					1			
Z-206	Ultracentrifuge for Microtubes	2					2			
Z-209	Ultrasound Apparatus B (General)	1	1							
Z-210	Ultrasound Apparatus C	1	1							
Z-222	Ventilator for Adult A	23			23					
Z-226	Ventilator for Pediatric B	1			1					
Z-231	Video Bronchoscope B	3		2		1				
Z-232	Video Colonoscope	16		2		1				13
Z-235	Video Endoscope System	12		4		1				7
Z-241	Video Gastroscope E	3		2		1				
Z-243	Video Laryngoscope B	1		1						
Z-245	Vortex Mixer	2					2			
Z-247	Washer / Disinfector B	3								3
Z-249	Water Bath	10							10	
Z-252	X-ray Apparatus Mobile	2			2					
Z-253	X-ray C-arm	1				1				
Z-255	X-ray CR System	1	1							
Z-256	X-ray Digital Mammography	2	2							
Z-260	X-ray General with Fluoroscopy B	1				1				

Equipment list (Chisinau Municipal Clinical Hospital “Sfanta Treime”)

		Total	Department								
Code	Equipment Name		Imaging Diagnosis	Functional diagnosis	ICU	OR	ICU/ OR	Endoscope	Ophthalmology	CSSD	Laboratory
Z-008	Anesthesia Apparatus B	10				10					
Z-009	Angiography	1	1								
Z-027	Biochemical Analyzer B	1									1
Z-031	Blood Gas Analyzer	2			2						
Z-052	CT	1	1								
Z-055	Defibrillator with Pacing	4					4				
Z-064	Electrophoresis Protein Analyzer	1									1
Z-068	Electrosurgical Unit B	10				10					
Z-075	ENT Surgery Laser	1				1					
Z-089	Hematology Analyzer B	1									1
Z-094	High Pressure Steam Sterilizer C	1								1	
Z-095	High Pressure Steam Sterilizer D	3								3	
Z-110	Infusion Pump B	34					34				
Z-130	Operation Light, Ceiling	10				10					
Z-133	Operation Table	9				9					
Z-140	Patient Monitor C	10				10					
Z-141	Patient Monitor D	18				18					
Z-143	Patient Monitor F	4				4					
Z-144	Patient Monitor G	3				3					
Z-168	Rigid Laparoscope Set B	1				1					
Z-169	Rigid Laparoscope Set C	1				1					
Z-170	Rigid Laparoscope Set D	1				1					
Z-172	Rigid Laparoscope Set F	1				1					
Z-174	Rigid ORL Surgery Endoscope Set	1				1					
Z-176	Rigid Thoracoscope Set B	1				1					
Z-181	Rotary Sealer	4								4	
Z-188	Slit Lamp, OCT	1							1		
Z-195	Suction Unit	34					34				
Z-202	Syringe Pump B	34					34				
Z-207	Ultrasonic Cleaner	3								3	
Z-208	Ultrasound Apparatus A (General)	1	1								
Z-211	Ultrasound Apparatus D	1		1							
Z-222	Ventilator for Adult A	16			16						
Z-227	Ventilator Mobile	4					4				
Z-235	Video Endoscope System	1						1			
Z-236	Video Esophagoscope	1						1			
Z-248	Washer / Disinfector C	3								3	
Z-252	X-ray Apparatus Mobile	2	2								
Z-255	X-ray CR System	2	2								
Z-257	X-ray Dry Imager	1	1								
Z-259	X-ray General with Fluoroscopy A	1	1								

Equipment list (National Center for Public Health)

Equipment Name		Central					Regional Distribution											
Code		Grand Total	Central Total	Bacteriology Lab.	Sanitary hygienic (chemical) Lab.	Physical factors Dept.	Radio protection center	Regional Total	Edineț	mun. Bălți	Soroca	mun. Chișinău	Ungheni	Orhei	Hîncești	Căușeni	Cahul	Comrat
Z-002	Air Sampling Pump A	2	1		1			1				1						
Z-003	Air Sampling Pump B	13	3		3			10	1	1	1	1	1	1	1	1	1	1
Z-004	Alpha, Beta and Gamma Counting Spectrometry	1	1				1	0										
Z-005	Amenity Meter	1	1			1		0										
Z-012	Atomic Absorption Spectrophotometer	3	0		0			3			1		1		1			
Z-014	Autoclave, Vertical	2	2	2				0										
Z-015	Automated Culture Media Preparator	1	1	1				0										
Z-017	Automatic Colony Counter	1	1	1				0										
Z-020	Automatic Titrator with Recorder	1	1		1			0										
Z-022	Bidistillator	1	1		1			0										
Z-029	Blender Peristaltic Type	11	1	1				10	1	1	1	1	1	1	1	1	1	1
Z-034	Capillary Electrophoresis Apparatus	1	1		1			0										
Z-038	Chromatograph Liquid	2	0		0			2		1		1						
Z-039	Chromatograph, Gas A	1	0		0			1							1			
Z-040	Chromatograph, Gas B	1	1		1			0										
Z-041	Chromatograph, Gas C	1	0		0			1		1								
Z-042	Chromatograph, Gas D	1	0		0			1				1						
Z-046	Colony Counter	10	0	0				10	1	1	1	1	1	1	1	1	1	1
Z-047	Conductometer	6	1		1			5		1		1	1		1		1	
Z-056	DNA Sequencer	1	1	1				0										
Z-058	Drying Oven	1	1	1				0										
Z-059	Dust Meter	5	2			2		3		1		1						1
Z-069	ELISA System	1	1	1				0										
Z-082	Fluid Pump, Suction	4	1	1				3		1		1					1	
Z-083	Fluorometer	1	1		1			0										
Z-084	Gamma Counting Spectrometry System	2	0				0	2		1							1	
Z-098	Homogenizer	3	3		3			0										
Z-102	Ice Maker	2	1	1				1				1						
Z-111	Laboratory Freezer	12	2	2				10	1	1	1	1	1	1	1	1	1	1
Z-112	Laboratory Freezer, ultra low	4	1	1				3		1		1					1	
Z-113	Laboratory Fume Hood A	5	5		5			0										
Z-114	Laboratory Fume Hood B	1	1		1			0										
Z-115	Laboratory Fume Hood C	4	4		4			0										
Z-116	Laboratory Incubator A	2	2	2				0										
Z-117	Laboratory Incubator B	1	1		1			0										
Z-118	Laboratory Washing, Drying and Disinfecting Machine	4	4		4			0										
Z-119	Light Meter	4	1			1		3		1		1						1
Z-120	Mercury Analyzer	4	1		1			3		1		1					1	
Z-121	Micro Centrifuge	6	0	0				6		2		2					2	
Z-123	Micropipette Set	16	5	5				11	1	1	1	2	1	1	1	1	1	1
Z-124	Microwave Mineralizer	1	0		0			1			1							
Z-153	pH-Meter	6	1		1			5	1	1	1		1		1			
Z-159	Real Time PCR	3	0	0				3		1		1					1	
Z-179	Rotary Evaporator with Vacuum Pump	1	1		1			0										
Z-182	Selective Radiation Meter	1	1			1		0										
Z-183	Set of Multi-Channel Micropipette	17	2	2				15	1	3	1	3	1	1	1	1	2	1
Z-184	Shaker, Reciprocating	2	2		2			0										
Z-189	Solid Phase Extraction	1	1		1			0										
Z-190	Sound Calibrator	4	1			1		3		1		1						1
Z-191	Sound Level Meter	5	2			2		3		1		1						1
Z-192	Spectrophotometer UV-VIS	2	2		2			0										
Z-194	Stereo Microscope with TV Monitor	1	1	1				0										
Z-199	Survey Meter A	1	1				1	0										
Z-200	Survey Meter B	3	0				0	3		1		1					1	
Z-203	Thermoblock, PCR Sample	4	1	1				3		1		1					1	
Z-204	TLC Densitometer	1	1		1			0										
Z-205	Ultra Water Purifier	1	0		0			1				1						
Z-218	Ultrasound Microphone	1	1			1		0										
Z-229	Vibration Meter	5	2			2		3		1		1						1
Z-245	Vortex Mixer	29	6	6				23	2	3	2	3	2	2	2	2	3	2
Z-249	Water Bath	11	1	1				10	1	1	1	1	1	1	1	1	1	1
Z-261	X-Ray Impulse Dosimeter	2	2				2	0										

**Equipment Change Comparison Table
(Republican Clinical Hospital)**

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
E-01	Anesthesia machine	14	機材点数増加及び内容調整	5	RH-01	Z-007	Anesthesia Apparatus A
				11	RH-02	Z-008	Anesthesia Apparatus B
E-02	Angiography	1	削除(オーストリア調達)	0			
E-03	Artificial hear-lung machine	2	変更なし	2	RH-03	Z-011	Artificial Heart-Lung Machine
			機材内容調整	2	RH-04	Z-001	Activated Coagulation Timer
E-04	Autoclave, vertical	6	機材点数減少	3	RH-06	Z-014	Autoclave, Vertical
E-05	Autotransfusion system	7	機材点数減少	5	RH-07	Z-021	Autotransfusion System
E-06	Bilirubin analyzer	1	削除(オーストリア調達)	0			
E-07	Blood bank refrigerator	12	変更なし	12	RH-08	Z-030	Blood Bank Refrigerator
E-08	Blood gas analyzer	1	削除(オーストリア調達)	0			
E-09	Blood warmer	11	機材点数減少	10	RH-09	Z-032	Blood Warmer
E-10	Body warmer	3	機材点数増加	16	RH-10	Z-033	Body Warmer
E-11	C-arm unit	1	削除(機材内容調整)	0			
E-12	C-arm, mobile	2	変更なし	2	RH-11	Z-254	X-ray C-arm with DSA
E-13	Centrifuge	1	機材点数増加	2	RH-12	Z-037	Centrifuge
E-14	CO2 incubator	1	削除(機材内容調整)	0			
E-15	Coagulation analyzer	1	変更なし	1	RH-13	Z-045	Coagulation Analyzer
E-16	Computer desk, mobile	20	削除(病院調達)	0			
E-17	Computer set	84	削除(病院調達)	0			
E-18	Cryosurgical unit	2	削除(機材内容調整)	0			
E-19	Defibrillator	8	機材点数減少及び内容調整	2	RH-15	Z-054	Defibrillator with Internal Pad
E-20	Defibrillator with emergency cart	18	機材点数減少	6	RH-16	Z-053	Defibrillator
E-21	Washing basin	20	削除(病院調達)	0			
E-22	ECG	17	機材点数減少	2	RH-17	Z-060	ECG, 12-channel
E-23	Ultrasonic diagnostic apparatus, obstetric A	2	機材点数増加及び内容調整	1	RH-18	Z-217	Ultrasound Apparatus J (Urology)
				2	RH-19	Z-212	Ultrasound Apparatus E (Cardiology)
E-24	EEG	3	機材点数減少	2	RH-20	Z-061	EEG
E-25	Electrical Safety Analyser	1	変更なし	1	RH-21	Z-066	Electrosafety Analyzer
E-26	Electrosurgical unit	10	機材内容調整	1	RH-14	Z-010	Argon Plasma Coagulator
				2	RH-22	Z-067	Electrosurgical Unit A
				7	RH-23	Z-068	Electrosurgical Unit B
E-27	Examination light	4	機材点数増加	6	RH-24	Z-079	Examination Light
E-28	Glucose analyzer	3	削除(オーストリア調達)	0			
E-29	Hematology analyzer	1	機材点数増加	2	RH-25	Z-088	Hematology Analyzer A
E-30	Hyper/Hypothermia System	8	機材点数減少	2	RH-26	Z-101	Hyper/Hypothermia System
E-31	Ice maker	1	削除(病院調達)	0			
E-32	ICU bed	35	機材点数増加⇒母子病院へ振替	40			
E-33	Infusion pump, volumetric	70	機材点数減少	54	RH-28	Z-109	Infusion Pump A
E-34	Infusion stand	45	Infusion pumpに統合	54	RH-28	Z-109	Infusion Pump A
E-35	Kick bucket	11	削除(病院調達)	0			
E-36	Laboratory refrigerator	2	削除(病院調達)	0			
E-37	Mayo table	11	機材点数減少 Operation tableに統合	2	RH-34	Z-133	Operation Table
				5	RH-35		
				1	RH-36		
				1	RH-37		
				1	RH-38		
E-38	Microscope A	2	変更なし	2	RH-30	Z-023	Binocular Microscope
E-39	Microscope B	2	機材点数減少	1	RH-31	Z-024	Binocular Microscope with Camera
E-40	Multimeter	2	削除(病院調達)	0			
E-41	Operation light	11	機材点数減少	10	RH-32	Z-131	Operation Light, Ceiling with Camera
E-42	Operation microscope A	2	機材点数減少	1	RH-33	Z-132	Operation Microscope
E-43	Operation table A	9	機材点数減少及び内容調整	2	RH-34	Z-133	Operation Table
				5	RH-35		
				1	RH-36		
E-44	Operation table B	1		1	RH-37		
E-45	Operation table C	1		1	RH-38		
E-46	Osmometer	1	変更なし	1	RH-39	Z-134	Osmometer
E-47	Oxygen inhalation set	36	機材点数減少 Anesthesia machineに統合	5	RH-01	Z-007	Anesthesia Apparatus A
				11	RH-02	Z-008	Anesthesia Apparatus B
E-48	Patient monitor A	29	機材点数増加及び内容調整	3	RH-40	Z-106	ICU Central Monitor
				34	RH-41	Z-138	Patient Monitor A
E-49	Patient monitor B	30	機材点数減少及び内容調整	2	RH-42	Z-139	Patient Monitor B
				14	RH-43	Z-140	Patient Monitor C
E-50	Patient trolley	24	機材点数減少	13	RH-44	Z-145	Patient Trolley
E-51	Pulse oximeter	25	機材点数減少	14	RH-45	Z-158	Pulse Oximeter, Hand-held
E-52	Refrigerator A	25	削除(病院調達)	0			

Equipment Change Comparison Table
(Republican Clinical Hospital)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
E-53	Refrigerator B	10	削除(病院調達)	0			
E-54	Refrigerator C	1	削除(病院調達)	0			
E-55	Shelves for sterilised box	1	削除(病院調達)	0			
E-56	Simulator, multiparameter (ECG, Defibrillator)	1	変更なし	1	RH-46	Z-185	Simulator, Multiparameter
E-57	Slave monitor	13	機材点数減少	5	RH-47	Z-187	Slave Monitor
E-58	Stool A	33	削除(病院調達)	0			
E-59	Storage unit C	1	削除(病院調達)	0			
E-60	Suction unit	60	機材点数減少	19	RH-48	Z-195	Suction Unit
E-61	Syringe pump	66	機材点数減少及び内容調整	58	RH-49	Z-201	Syringe Pump A
E-62	Tool Box	3	削除(病院調達)	0			
E-63	Trolley B	14	削除(病院調達)	0			
E-64	Trolley C	1	削除(病院調達)	0			
E-65	Ultrasonic coagulation device	1	内容調整	1	RH-50	Z-044	CO2 Laser
E-66	Ventilator A	49	機材点数減少	32	RH-51	Z-222	Ventilator for Adult A
E-67	Ventilator B	3	機材点数減少及び内容調整	1	RH-52	Z-225	Ventilator for Pediatric A
				1	RH-53	Z-226	Ventilator for Pediatric B
				1	RH-54	Z-250	Water Distiller
E-68	Water distiller	1	変更なし	1			
E-69	X-ray film viewer	6	削除(病院調達)	0			
F-01	Cabinet A	15	削除(病院調達)	0			
F-02	Cabinet B	96	削除(病院調達)	0			
F-03	Chair	6	削除(病院調達)	0			
F-04	Cleaning equipment	2	削除(病院調達)	0			
F-05	Collection Bin	6	削除(病院調達)	0			
F-06	Counter	1	削除(病院調達)	0			
F-07	Cupboard A	7	削除(病院調達)	0			
F-08	Cupboard B	6	削除(病院調達)	0			
F-09	Cupboard C	6	削除(病院調達)	0			
F-10	Cupboard D	1	削除(病院調達)	0			
F-11	Desk A	25	削除(病院調達)	0			
F-12	Dispensing counter	2	削除(病院調達)	0			
F-13	Disposal unit	4	削除(病院調達)	0			
F-14	Foot stool	20	削除(病院調達)	0			
F-15	HOLDER, sack, large	23	削除(病院調達)	0			
F-16	HOLDER, sack, medium	27	削除(病院調達)	0			
F-17	Laboratory table A	4	削除(病院調達)	0			
F-18	Laboratory table B	5	削除(病院調達)	0			
F-19	Laboratory table C	1	削除(病院調達)	0			
F-20	Locker A	161	削除(病院調達)	0			
F-21	Medicine cabinet	25	削除(病院調達)	0			
F-22	Microwave oven	5	削除(病院調達)	0			
F-23	Nurse base	9	削除(病院調達)	0			
F-24	Screen	2	削除(病院調達)	0			
F-25	Shelf A	13	削除(病院調達)	0			
F-26	Shelf B	67	削除(病院調達)	0			
F-27	Shelf C	1	削除(病院調達)	0			
F-28	Shelf D	11	削除(病院調達)	0			
F-29	Shelf E	3	削除(病院調達)	0			
F-30	Sink A	8	削除(病院調達)	0			
F-31	Soap dispenser	20	削除(病院調達)	0			
F-32	Sofa bed	5	削除(病院調達)	0			
F-33	Stainless steel table A	5	削除(病院調達)	0			
F-34	Stool B	6	削除(病院調達)	0			
F-35	Storage unit A	1	削除(病院調達)	0			
F-36	Storage unit B	1	削除(病院調達)	0			
F-37	Table A	4	削除(病院調達)	0			
F-38	Table B with 5 chairs	6	削除(病院調達)	0			
F-39	Table C	18	削除(病院調達)	0			
F-40	Table D	7	削除(病院調達)	0			
F-41	Table E	7	削除(病院調達)	0			
F-42	Table F	3	削除(病院調達)	0			
F-43	Table G	7	削除(病院調達)	0			
F-44	Table, stainless steel	1	削除(病院調達)	0			
F-45	Trolley A	86	削除(病院調達)	0			
F-46	Warming cabinet	11	削除(病院調達)	0			
F-47	Washing basin with stand	11	削除(病院調達)	0			

**Equipment Change Comparison Table
(Republican Clinical Hospital)**

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
F-48	Waste collecting cart	3	削除(病院調達)	0			
F-49	Water boiler, wall mounted	6	削除(病院調達)	0			
F-50	White board	29	削除(病院調達)	0			
I-01	Bed head unit A	20	機材点数減少及び内容調整	2	RH-55	Z-105	ICU Bed Head Unit Triple
I-02	Bed head unit B	20	機材点数減少	10	RH-56	Z-104	ICU Bed Head Unit Single
I-03	Bed head unit C	35	機材点数減少及び内容調整	13	RH-57	Z-149	Pendant for ICU
I-04	Electrical panel	1	削除(病院調達)	0			
I-05	Gas cylinder rack	1	削除(病院調達)	0			
I-06	Panel operating theatre	11	削除(病院調達)	0			
I-07	Pendant A	11	機材点数減少	10	RH-58	Z-148	Pendant for Anesthesia
I-08	Pendant B	11	機材点数減少	10	RH-59	Z-150	Pendant for Surgical
I-09	Socket	1	削除(病院調達)	0			
I-10	Sterilization lamp	125	削除(病院調達)	0			
I-11	Table Exhaust Device with laminar airflow	1	変更なし	1	RH-60	Z-043	Cleanbench
I-12	Vertical laminar flow unit	4	機材点数減少	2	RH-61	Z-228	Vertical Laminar Flow Unit
Revived-1	High pressure steam sterilizer		アブレイザル時削除機材の復活	2	RH-62	Z-092	High Pressure Steam Sterilizer A
Revived-2	Plasma sterilizer (Low Temperature Sterilizer)		アブレイザル時削除機材の復活	1	RH-63	Z-154	Plasma Sterilizer
Revived-3	Washer disinfectant		アブレイザル時削除機材の復活	2	RH-64	Z-246	Washer / Disinfectant A
Revived-4	Yag Laser		アブレイザル時削除機材の復活	1	RH-65	Z-262	Yag Laser
ADD-2	Counterpulsation(IABP) equipment		追加	1	RH-66	Z-049	Counterpulsation (IABP) Equipment
ADD-3	Cryostat		追加	1	RH-67	Z-051	Cryotome
ADD-4	Endoscope, Narrow Band Imaging		追加	1	RH-68	Z-233	Video Cystoscope
ADD-5	Endoscope Washer / Disinfectant / Dryer		追加	1	RH-69	Z-071	Endoscope Washer / Disinfectant A
ADD-6	ENT surgical micromotor		追加	1	RH-70	Z-076	ENT Surgical Micromotor
ADD-7	Equipment for Ecmo		追加	1	RH-71	Z-077	Equipment for Ecmo
ADD-8	ESR Analyzer		追加	2	RH-72	Z-078	ESR Analyzer
ADD-9	Extracorporeal Life Support		追加	1	RH-73	Z-080	Extracorporeal Life Support
ADD-10	Feeding Pump		追加	1	RH-74	Z-081	Feeding Pump
ADD-11	Headlight system		追加	4	RH-75	Z-087	Headlight System
ADD-12	Hemodialysis		追加	1	RH-76	Z-091	Hemodialysis Machine
ADD-13	High Speed Micromotor		追加	1	RH-77	Z-096	High Speed Micromotor
ADD-14	Infant Transport Incubator		追加	1	RH-78	Z-108	Infant Transport Incubator
ADD-23	Navigation System		追加	1	RH-86	Z-074	ENT Navigation System
ADD-24	Plasmaferesis		追加	1	RH-87	Z-155	Plasmapheresis Machine A
ADD-25	Superimposed High Frequency Jet Ventilation		追加	1	RH-88	Z-196	Superimposed High Frequency Jet Ventilation
ADD-26	Surgical retractors		追加	2	RH-89	Z-198	Surgical Retractors
ADD-27	TUR / TURis Plasma vaporisation set		追加	1	RH-90	Z-178	Rigid Urology TUR Set
ADD-30	Urine Analyzer		追加	2	RH-91	Z-219	Urine Analyzer
ADD-31	UV Handwasher		追加	10	RH-92	Z-220	UV Handwasher
ADD-32	Video Laryngoscope set		追加	2	RH-93	Z-242	Video Laryngoscope A
ADD-33	Video-asisted thoracoscopic system		追加	1	RH-94	Z-175	Rigid Thoracoscope Set A
ADD-34	Rhino Manometer		追加	1	RH-95	Z-163	Rhino Manometer
ADD-35	Phacoemulsification Machine		追加	1	RH-96	Z-152	Phacoemulsification Machine
ADD-36	Surgical ablation system		追加	1	RH-97	Z-197	Surgical Ablation System
ADD-37	Near Infrared Oxygenation Monitor		追加	1	RH-98	Z-127	Near Infrared Oxygenation Monitor
ADD-38	Vacuum assisted closure for treatment of infected tissue		追加	1	RH-99	Z-221	Vacuum Therapy Unit

Equipment Change Comparison Table
(Scientific Research Institute in the Field of Mother and Child Health)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
MC-01	CT	1	変更なし	1	MC-01	Z-052	CT
MC-02	MRI, 1.5T	1	削除	0			
MC-03	Tomosynthesis	1	変更なし	1	MC-03	Z-260	X-ray General with Fluoroscopy B
MC-04	General X-ray, General	1	変更なし	1	MC-04	Z-251	X-ray Apparatus General
MC-05	General X-ray, urology	1	変更なし	1	MC-05	Z-258	X-ray Fluoroscopy for Urology
MC-06	Mobile X-ray	1	変更なし	1	MC-06	Z-252	X-ray Apparatus Mobile
MC-07	Ultrasonic diagnostic apparatus, obstetric A	4	変更なし	4	MC-07	Z-215	Ultrasound Apparatus H (Obstetrics)
MC-08	Ultrasonic diagnostic apparatus, pediatric	3	変更なし	3	MC-08	Z-216	Ultrasound Apparatus I (Pediatrics)
MC-09	Ultrasonic diagnostic apparatus, neonate	1	変更なし	1	MC-09	Z-213	Ultrasound Apparatus F (Neonatology)
MC-10	Video gastroscope A	2	変更なし	2	MC-10	Z-237	Video Gastroscope A
MC-11	Video gastroscope B	2	変更なし	2	MC-11	Z-238	Video Gastroscope B
MC-12	Video gastroscope C	2	変更なし	2	MC-12	Z-239	Video Gastroscope C
MC-13	Video endoscope system	1	機材統合及び内容調整	2	MC-13	Z-235	Video Endoscope System
MC-15	Video endoscope system	1					
MC-19	Endoscope mobile trolley	3					
MC-14	Video bronchoscope	1	変更なし	1	MC-14	Z-230	Video Bronchoscope A
MC-16	Bronchoscope, pediatric, rigid	1	変更なし	1	MC-16	Z-165	Rigid Bronchoscope, Pediatric
MC-17	Cystoscopy Set + HF, pediatric, rigid	1	変更なし	1	MC-17	Z-166	Rigid Cystoscopy Set
MC-18	Endoscope washer disinfectant	3	変更なし	3	MC-18	Z-071	Endoscope Washer / Disinfectant A
MC-20-1	Laparoscope set with video system	1	変更なし	1	MC-20-1	Z-169	Rigid Laparoscope Set C
MC-20-2	Laparoscope set with video system	1	変更なし	1	MC-20-2	Z-171	Rigid Laparoscope Set E
MC-21	Neuroendoscope set with video system	1	削除	0			
MC-22	Anesthesia apparatus	8	機材点数減少及び内容調整	5	MC-22	Z-008	Anesthesia Apparatus B
				5	MC-23b	Z-140	Patient Monitor C
MC-23	Anesthesia apparatus	6	機材点数減少及び内容調整	4	MC-23a	Z-008	Anesthesia Apparatus B
				4	MC-23b	Z-140	Patient Monitor C
MC-24	Ventilator, HFO	2	変更なし	2	MC-24	Z-224	Ventilator for Neonate
MC-25	CPAP	2	変更なし	2	MC-25	Z-050	CPAP
MC-26	Patient monitor	10	変更なし	10	MC-26	Z-141	Patient Monitor D
MC-27	Patient monitor	25	変更なし	25	MC-27	Z-141	Patient Monitor D
MC-28	Patient monitor	15	変更なし	15	MC-28	Z-142	Patient Monitor E
MC-29	Cardiotocograph	10	変更なし	10	MC-29	Z-035	Cardiotocograph
MC-30	Hematology analyzer	1	機材内容調整	1	MC-30-1	Z-089	Hematology Analyzer B
				1	MC-30-2	Z-090	Hematology Analyzer C
MC-31	Binocular microscope	1	変更なし	1	MC-31	Z-023	Binocular Microscope
MC-32	Immunology analyzer	1	削除	0			
MC-33	Biochemical analyzer	1	変更なし	1	MC-33	Z-026	Biochemical Analyzer A
MC-34	Coagulometer	1	変更なし	1	MC-34	Z-045	Coagulation Analyzer
MC-35	Urinealyzer	1	変更なし	1	MC-35	Z-219	Urine Analyzer
MC-36	EEG	2	変更なし	2	MC-36	Z-061	EEG
MC-37	EMG	1	変更なし	1	MC-37	Z-070	EMG
MC-38	Polysomnograph	1	変更なし	1	MC-38	Z-157	Polysomnograph
MC-39	Ambulance, type C, neonate	1	削除	0			
MC-40	Ambulance, type C, pediatric	1	削除	0			
MC-41	Mobile asepsyser	4	変更なし	4	MC-41	Z-108	Infant Transport Incubator
MC-42	Aminoacid analyzer	1	変更なし	1	MC-42	Z-006	Amino Acid Analyzer
MC-43	Fluorescent microscope with TV	1	変更なし	1	MC-43	Z-025	Binocular Microscope, Fluorescence
MC-44	Hot plate	1	変更なし	1	MC-44	Z-099	Hot Plate
MC-45	Incubator	1	変更なし	1	MC-45	Z-116	Laboratory Incubator A
MC-46	Water bath	1	変更なし	1	MC-46	Z-249	Water Bath
MC-47	Real time polymerase chain reaction (QF-PCR) apparatus	1	変更なし	1	MC-47	Z-159	Real Time PCR
MC-48	Ultrasonic diagnostic apparatus, obstetric B	1	変更なし	1	MC-48	Z-214	Ultrasound Apparatus G (Obstetrics)
MC-49	Microscope with Video for cytogenetical investigation	3	機材点数増加	4	MC-49	Z-025	Binocular Microscope, Fluorescence with TV
MC-50	Perspiration analyser (mucoviscidosis diagnosis)	1	変更なし	1	MC-50	Z-151	Perspiration Analyzer
MC-101	Defibrillator for pediatric	5	変更なし	5	MC-101	Z-053	Defibrillator
MC-102	Defibrillator for pediatric	1	変更なし	1	MC-102	Z-053	Defibrillator
MC-103	Defibrillator for pediatric	1	変更なし	1	MC-103	Z-053	Defibrillator
MC-104	Syringe pump	5	変更なし	5	MC-104	Z-202	Syringe Pump B
MC-105	Syringe pump	5	変更なし	5	MC-105	Z-202	Syringe Pump B
MC-106	Syringe pump	5	変更なし	5	MC-106	Z-202	Syringe Pump B
MC-107	Anesthesia apparatus	5	機材点数減少及び内容調整	2	MC-107	Z-008	Anesthesia Apparatus B
				2	MC-107	Z-140	Patient Monitor C
MC-108	Electrodermatome	1	変更なし	1	MC-108	Z-063	Electrodermatome

Equipment Change Comparison Table
(Scientific Research Institute in the Field of Mother and Child Health)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
MC-109	Skin grafts perforator	1	変更なし	1	MC-109	Z-186	Skin Grafts Perforator
MC-110	Central monitoring system	1	変更なし	1	MC-110	Z-036	Central Monitoring System
MC-111	Patient monitor	5	変更なし	5	MC-111	Z-141	Patient Monitor D
MC-112	Patient monitor	5	変更なし	5	MC-112	Z-141	Patient Monitor D
MC-113	ENT examination unit with chair	1	変更なし	2	MC-113	Z-073	ENT Examination Unit with Chair
MC-114	Electric coagulator, high frequency, bipolar	1	変更なし	1	MC-114	Z-062	Electric Coagulator, RF
MC-115	Microdebrider	1	変更なし	1	MC-115	Z-122	Microdebrider
MC-116	System for recording PRB-screening (acoustic emissions)	2	機材点数増加	12	MC-116	Z-129	OAE Screener
MC-117	Impedance audiometer	2	変更なし	2	MC-117	Z-107	Impedance Audiometer
MC-118	Audiometer	2	変更なし	2	MC-118	Z-013	Audiometer
MC-119	Panorama X-ray apparatus	1	変更なし	1	MC-119	Z-136	Panorama X-ray Apparatus
MC-120	Dental X-ray	1	変更なし	1	MC-120	Z-244	Vitreotome
Add-01	Genetic analyzer with soft/sequencing		追加	1	MC-Add-01	Z-056	DNA Sequencer
Add-04	Otoscope with monitor		追加	2	MC-Add-04	Z-135	Otoscope with Monitor
Add-05	ICU Bed		共和国病院から振替	40	MC-Add-05	Z-103	ICU Bed

Equipment Change Comparison Table
(National Scientific-Practical Centre for Emergency Medicine)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
EH-01	Angiography	1	変更なし	1	EH-01	Z-009	Angiography
EH-02	CT	1	変更なし	1	EH-02	Z-052	CT
EH-03	MRI 1.5T	1	変更なし	1	EH-03	Z-125	MRI
EH-04	X-ray, Fluoroscopy with general (Radiology unit AXIOM I conos R-200)	1	変更なし	1	EH-04	Z-259	X-ray General with Fluoroscopy A
EH-05-1	Mobile X-ray (X-ray machine with TV mobile)	2	機材統合	4	EH-05	Z-253	X-ray C-arm
EH-05-2	Mobile X-ray (X-ray machine with TV mobile)	2					
EH-06	Operation table, general	9	機材内容調整	5	EH-06-1	Z-133	Operation Table
				1	EH-06-2		
				1	EH-06-3		
				1	EH-06-4		
EH-07	Operation table, orthopedic	5	機材内容調整	5	EH-07	Z-133	Operation Table
EH-08	Operation table, neurosurgery	2		3	EH-08		
EH-09	Ventilator	22	機材内容調整	12	EH-09a	Z-222	Ventilator for Adult A
				10	EH-09b	Z-223	Ventilator for Adult B
EH-10	Video gastroscope, Therapeutic	2	変更なし	2	EH-10	Z-240	Video Gastroscope D
EH-11	Video gastroscope, Diagnostic	2	変更なし	2	EH-11	Z-241	Video Gastroscope E
EH-12	Video duodenoscope, ERCP	1	変更なし	1	EH-12	Z-234	Video Duodenoscope
EH-13	Video colonoscope	1	機材点数増加	2	EH-13	Z-232	Video Colonoscope
EH-14-1	Video endoscope system	2	機材内容調整	4	EH-14	Z-235	Video Endoscope System
EH-14-2	Video endoscope system	2					
EH-15	Endoscope washer disinfectant	1	変更なし	1	EH-15	Z-071	Endoscope Washer / Disinfectant A
EH-16	Laparoscope set	1	変更なし	1	EH-16	Z-167	Rigid Laparoscope Set A
EH-17	Arthroscopy	1	変更なし	1	EH-17	Z-164	Rigid Arthroscopy Set
EH-18	Mobile X-ray Digital		機材内容調整	5	EH-18	Z-252	X-ray Apparatus Mobile
				3	EH-18-3	Z-255	X-ray CR System
ADD-01	Sterilization complete of instruments including packaging line		追加	5	EH-ADD-01-1	Z-093	High Pressure Steam Sterilizer B
				3	EH-ADD-01-2	Z-247	Washer / Disinfectant B
				4	EH-ADD-01-3	Z-181	Rotary Sealer
ADD-02	Neuronavigation		追加	1	EH-ADD-02	Z-128	Neuronavigation System

**Equipment Change Comparison Table
(Oncologic Institute)**

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
OI-01	CT	1	削除	0			
OI-02	Ultrasonic diagnostic apparatus, general A	1	変更なし	1	OI-02	Z-209	Ultrasound Apparatus B (General)
OI-03	Ultrasonic diagnostic apparatus for biopsy and elastography	1	変更なし	1	OI-03	Z-210	Ultrasound Apparatus C (Biopsy/Elastography)
OI-04	Digital mammography with laser imager	2	変更なし	2	OI-04	Z-256	X-ray Digital Mammography
OI-05	Video laryngoscope	1	変更なし	1	OI-05	Z-243	Video Laryngoscope B
OI-06	Video bronchoscope	2	機材統合及び内容調整	2	OI-06	Z-231	Video Bronchoscope B
OI-20	Video bronchoscope	1		1	OI-20		
OI-07	Video gastroscope	2	変更なし	2	OI-07	Z-241	Video Gastroscope E
OI-08	Video colonoscope	2	変更なし	2	OI-08	Z-232	Video Colonoscope
OI-09	Video endoscope system	4	変更なし	4	OI-09	Z-235	Video Endoscope System
OI-10	Endoscope washer disinfectant	4	変更なし	4	OI-10	Z-071	Endoscope Washer / Disinfectant A
OI-11	Ventilator	23	変更なし	23	OI-11	Z-222	Ventilator for Adult A
OI-12	Ventilator neonate	1	変更なし	1	OI-12	Z-226	Ventilator for Pediatric B
OI-13	Patient monitor	24	変更なし	24	OI-13	Z-141	Patient Monitor D
OI-14	Mobile X-ray	2	機材内容調整	2	OI-14-1	Z-252	X-ray Apparatus Mobile
				1	OI-14-2	Z-255	X-ray CR System
OI-15	Anesthesia machine	19	機材内容調整	19	OI-15	Z-008	Anesthesia Apparatus B
				19	OI-15	Z-140	Patient Monitor C
OI-16	Anesthesia machine	1	削除	0			
OI-17	Patient monitor	19	変更なし	19	OI-17	Z-141	Patient Monitor D
OI-18	Video gastroscope	1	変更なし	1	OI-18	Z-241	Video Gastroscope E
OI-19	Video colonoscope	1	追加及び機材内容調整	1	OI-19	Z-232	Video Colonoscope
ADD-22	Videocolonoscopy performance			1	OI-ADD-22		
ADD-23	Videocolonoscopy for screening			12	OI-ADD-23		
OI-21	Videodendoscopy system	1	変更なし	1	OI-21	Z-235	Video Endoscope System
OI-22	Electrosurgical unit for endoscopy	1	削除	0			
OI-23	Endoscope washer disinfectant	1	変更なし	1	OI-23	Z-071	Endoscope Washer / Disinfectant A
OI-24-1	Urological Laparoscopy Set	1	変更なし	1	OI-24-1	Z-173	Rigid Laparoscope Set G
OI-24-2	Abdominal Laparoscopy set	2	変更なし	2	OI-24-2	Z-167	Rigid Laparoscope Set A
OI-25	Toracoscopy set	1	変更なし	1	OI-25	Z-176	Rigid Thoracoscopy Set B
OI-26	C-arm, mobile with monitor	1	変更なし	1	OI-26	Z-253	X-ray C-arm
OI-27	X-Ray (Tomosynthesis)	1	変更なし	1	OI-27	Z-260	X-ray General with Fluoroscopy B
ADD-01	Operation Table		追加及び内容調整	2	OI-ADD-01-1	Z-133	Operation Table
				2	OI-ADD-01-2		
				2	OI-ADD-01-3		
				2	OI-ADD-01-4		
				2	OI-ADD-01-5		
				3	OI-ADD-01-6		
				3	OI-ADD-01-7		
ADD-02	Operation Light		追加	16	OI-ADD-02	Z-130	Operation Light, Ceiling
ADD-03	Endoscopic TUR Set + HF unit		追加	2	OI-ADD-03	Z-177	Rigid TUR Set with HF Unit
ADD-05	Blood cell separator(stem cell)		追加	1	OI-ADD-05	Z-156	Plasmapheresis Machine B
ADD-06	Stem cell freezing system		追加	1	OI-ADD-06	Z-193	Stem cell Freezing System
ADD-07	Sterilization Room for leukemia 5 rooms 12m2 x 5 (60 m2 total)		追加	5	OI-ADD-27	Z-093	High Pressure Steam Sterilizer B
				3	OI-ADD-28	Z-247	Washer / Disinfectant B
				4	OI-ADD-29	Z-181	Rotary Sealer
ADD-08	Morphopathologic Microscope system with 7 types of Fluorescence		追加	4	OI-ADD-08	Z-025	Binocular Microscope, Fluorescence
ADD-09	Histoprocessor (Tissue Processor) (Max capacity: 300 cassette)		追加	3	OI-ADD-09	Z-097	Histoprocessor
ADD-10	Incubator		追加	5	OI-ADD-10	Z-058	Drying Oven
ADD-11	Paraffin Embedding Unit		追加	10	OI-ADD-11	Z-137	Paraffin Embedding Machine
ADD-12	Semiatomatic Rotative Microtome		追加	13	OI-ADD-12	Z-180	Rotary Microtome
ADD-13	Water bath		追加	10	OI-ADD-13	Z-249	Water Bath
ADD-14	Hot plate		追加	10	OI-ADD-14	Z-099	Hot Plate
ADD-15	Cryostat Microtome		追加	1	OI-ADD-15	Z-051	Cryotome
ADD-16	Automatic Slide Stainer machine		追加	4	OI-ADD-16	Z-019	Automatic Slide Stainer machine
ADD-17	Glass Coverslipper		追加	3	OI-ADD-17	Z-086	Glass Coverslipping Device
ADD-18	Biosafety Cabinet		追加	1	OI-ADD-18	Z-028	Biosafety Cabinet
ADD-19	Retriever for Antigen Unmasking		追加	1	OI-ADD-19	Z-162	Retriever for Antigen Unmasking
ADD-20	Automatic immunohistochemistry station		追加	1	OI-ADD-20	Z-018	Automatic Immunohistochemistry Station
ADD-21	Hybridizer (FISH/CISH)		追加	1	OI-ADD-21	Z-100	Hybridizer (FISH/CISH)
ADD-24	Videosystem		追加	6	OI-ADD-24	Z-235	Video Endoscope System

Equipment Change Comparison Table
(Oncologic Institute)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
ADD-25	Sterilisation system ReProx 1en		追加	2	OI-ADD-25	Z-072	Endoscope Washer / Disinfector B
ADD-26	Sterilisation system ReProx 2en		追加	9	OI-ADD-26	Z-071	Endoscope Washer / Disinfector A
ADD-04	PCR Analyzer		追加⇒各機材に分割	1	OI-ADD-04		
Add-04-01	Automated Nucleic Acids Extraction System		追加	1	OI-add-04-01	Z-016	Automated Nucleic Acids Extraction System
Add-04-02	Multi Vortex		追加	1	OI-add-04-02	Z-126	Multi Vortex
Add-04-03	Vortex		追加及び統合	2	OI-add-04-03	Z-245	Vortex Mixer
Add-04-16	Vortex				OI-add-04-16		
Add-04-04	Ultracentrifuge for Microtubes		追加及び統合	2	OI-add-04-04	Z-206	Ultracentrifuge for Microtubes
Add-04-15	Ultracentrifuge for Microtubes				OI-add-04-15		
Add-04-06	Thermal Block		追加	1	OI-add-04-06	Z-203	Thermoblock, PCR Sample
Add-04-07	Fluorometer		追加及び統合	2	OI-add-04-07	Z-083	Fluorometer
Add-04-25	Fluorometer				OI-add-04-25		
Add-04-08	Electrophoresis System		追加及び統合	2	OI-add-04-08	Z-065	Electrophoresis System
Add-04-17	Electrophoresis System				OI-add-04-17		
Add-04-09	Set of Pipettes		追加及び統合	3	OI-add-04-09	Z-123	Micropipette Set
Add-04-19	Set of Pipettes				OI-add-04-19		
Add-04-27	Set of Pipettes				OI-add-04-27		
Add-04-10	Multi channel Pipette		追加	1	OI-add-04-10	Z-183	Set of Multi-Channel Micropipette
Add-04-11	Refrigerator		追加	1	OI-add-04-11	Z-161	Refrigerator
Add-04-12	PCR Thermal Cycler		追加及び統合	2	OI-add-04-12	Z-147	PCR Thermal Cycler
Add-04-26	PCR Thermal Cycler				OI-add-04-26		
Add-04-13	Real Time PCR system		追加	1	OI-add-04-13	Z-160	Real Time PCR system
Add-04-14	PCR Box		追加	1	OI-add-04-14	Z-146	PCR Box
Add-04-18	Gel Photo Documentation System		追加	1	OI-add-04-18	Z-085	Gel Photo Documentation System
Add-04-20	Freezer		追加	1	OI-add-04-20	Z-111	Laboratory Freezer
Add-04-21	Sequencer		追加及び統合	1	OI-add-04-21	Z-057	DNA Sequencing System
Add-04-22	Templates Preparator				OI-add-04-22		
Add-04-23	Water Preparation System				OI-add-04-23		
Add-04-24	Collection and Separation DNA Fragments System				OI-add-04-24		

Equipment Change Comparison Table
(Chisinau Municipal Clinical Hospital “Sfanta Treime”)

Item No.	機材名	変更前数量	変更内容	変更後数量	Equip. No.	Code No.	最終機材名
ST-01	Angiography, biplane, Multipurpose Angiography System	1	変更なし	1	ST-01	Z-009	Angiography
ST-02	CT with angiograph system	1	変更なし	1	ST-02	Z-052	CT
ST-03	MRI 1.5T	1	削除	0			
ST-04	X-ray apparatus, stationary, digital, with 3 working positions	1	変更なし	1	ST-04	Z-259	X-ray General with Fluoroscopy A
ST-05	Stationary universal ultrasound, 4D general B	1	変更なし	1	ST-05	Z-208	Ultrasound Apparatus A (General)
ST-06	Stationary universal ultrasound, 4D cardiac	1	変更なし	1	ST-06	Z-211	Ultrasound Apparatus D (Cardiology)
ST-07	Ventilator, servo	16	変更なし	16	ST-07	Z-222	Ventilator for Adult A
ST-08	Analyzer for determination of acid base balance	1	機材点数増加	2	ST-08	Z-031	Blood Gas Analyzer
ST-09	Anesthesia machine	10	機材内容調整	10	ST-09	Z-008	Anesthesia Apparatus B
				10	ST-09	Z-140	Patient Monitor C
ST-10	Laparoscope set, abdomen, Basic Set for Laparoscopic Surgery and basic set for adults (Hernia Repair. Cholecystectomy)	1	変更なし	1	ST-10	Z-170	Rigid Laparoscope Set D
ST-11	Laparoscope set, gynecology, Basic Set for Laparoscopic Gynecological Surgery	1	変更なし	1	ST-11	Z-169	Rigid Laparoscope Set C
ST-12	Basic Set for Thoracoscopic Surgery	1	変更なし	1	ST-12	Z-176	Rigid Thoracoscope Set B
ST-13	Urethroscope set	1	機材統合及び機材内容調整	1	ST-13	Z-172	Rigid Laparoscope Set F
ST-14	Nephroscope set	1		1	ST-14		
ST-15	Lithotripsy set, pneumatic + ultrasound	1		1	ST-15		
ST-16	TUR set	1		1	ST-16		
ST-17	TV set for urology endoscopy	1		1	ST-17		
ST-18	C-arm	1	削除	0			
ST-19	Operation table	1	削除	0			
ST-20	ESWL	1	削除	0			
ST-21	Video esophagus scope with TV system	1	機材分割	1	ST-21	Z-235	Video Endoscope System
				1	ST-21	Z-236	Video Esophagasscope
ST-22	Slit lamp, OCT (Optical coherence tomography)	1	変更なし	1	ST-22	Z-188	Slit Lamp, OCT
Add-01	Automatic complex for sterilizer, for washing, disinfection end packagiug		追加	1	ST-Add-01-1	Z-094	High Pressure Steam Sterilizer C
				3	ST-Add-01-2	Z-095	High Pressure Steam Sterilizer D
				3	ST-Add-01-3	Z-248	Washer / Disinfector C
				3	ST-Add-01-4	Z-207	Ultrasonic Cleaner
				4	ST-Add-01-5	Z-181	Rotary Sealer
Add-02	Digital mobile X-ray System		追加	2	ST-Add-02-1	Z-252	X-ray Apparatus Mobile
				2	ST-Add-02-2	Z-255	X-ray CR System
				1	ST-Add-02-3	Z-257	X-ray Dry Imager
Add-04	Analyzer for proteins electrophoresis		追加	1	ST-Add-04	Z-064	Electrophoresis Protein Analyzer
Add-05	Blood biochemical Analyzer		追加	1	ST-Add-05	Z-027	Biochemical Analyzer B
Add-06	Blood hematologic Analyzer		追加	1	ST-Add-06	Z-089	Hematology Analyzer B
Add-08	Basic Set for Laparoscopic Colorectal Surgery		追加	1	ST-Add-08	Z-168	Rigid Laparoscope Set B
Add-09	Set for Endoscopic ORL Surgery with TV control		追加	1	ST-Add-09	Z-174	Rigid ORL Surgery Endoscope Set
Add-10	Set for Lazer ENT Surgery		追加	1	ST-Add-10	Z-075	ENT Surgery Laser
Add-11	Defibrillator		追加	4	ST-Add-11	Z-055	Defibrillator with Pacing
Add-12	Patient monitor for non invazive hemodinamic		追加	18	ST-Add-12	Z-141	Patient Monitor D
Add-13	Patient monitoring for of invazive hemodinamic		追加	4	ST-Add-13	Z-143	Patient Monitor F
Add-14	Patient monitoring and monitoring Electroencefalography		追加	3	ST-Add-14	Z-144	Patient Monitor G
Add-15	Infusion pump		追加	34	ST-Add-15	Z-110	Infusion Pump B
Add-16	Syringe pump		追加	34	ST-Add-16	Z-202	Syringe Pump B
Add-17	Suction unit		追加	34	ST-Add-17	Z-195	Suction Unit
Add-18	Servoventilator mobile (mobile)		追加	4	ST-Add-18	Z-227	Ventilator Mobile
Add-19	Operation table		追加及び内容調整	3	ST-Add-19-1	Z-133	Operation Table
				6	ST-Add-19-2		
Add-20	Operation light		追加	10	ST-Add-20	Z-130	Operation Light, Ceiling
Add-21	Electrosurgical units		追加	10	ST-Add-21	Z-068	Electrosurgical Unit B

Equipment Change Comparison Table
(National Center for Public Health)

Item No.	機材名	変更前数量		変更内容	変更後数量		Equip. No.	Code No.	Final Equipment Name
		Central	Regional		Central	Regional			
IP-01	ELISA System	3	0	機材点数減少	1	0	IP-01	Z-069	ELISA System
IP-02	Automated DNA sequencer	1	0	変更なし	1	0	IP-02	Z-056	DNA Sequencer
IP-03	Real Time PCR set	0	3	変更なし	0	3	IP-03	Z-158	Real Time PCR
IP-04	Ice maker	1	1	変更なし	1	1	IP-04	Z-102	Ice Maker
IP-05	Biological safety cabinets, Class II	3	0	削除 (EU案件で調達)	0	0			
IP-06	Autoclave, vertical	5	0	機材点数減少	2	0	IP-06	Z-014	Autoclave, Vertical
IP-07	Drying oven	4	0	機材点数減少	1	0	IP-07	Z-058	Drying Oven
IP-08	Automated Culture Media Preparator	1	0	変更なし	1	0	IP-08	Z-015	Automated Culture Media Preparator
IP-09	Automatic colony counter	1	0	変更なし	1	0	IP-09	Z-017	Automatic Colony Counter
IP-10	Colony counter with reader	0	10	変更なし	0	10	IP-10	Z-046	Colony Counter
IP-11	Binocular microscope, dark field, phase contrast, and fluorescent with TV monitor	2	0	削除 (EU案件で調達)	0	0			
IP-12	Stereo microscope with TV monitor	1	0	変更なし	1	0	IP-12	Z-194	Stereo Microscope with TV Monitor
IP-13	Incubator, cooling	4	0	削除 (EU案件で調達)	0	0			
IP-14	Thermoblock, PCR sample	1	3	変更なし	1	3	IP-14	Z-203	Thermoblock, PCR Sample
IP-15	Micro centrifuge, 1.5ml tube	0	6	変更なし	0	6	IP-15	Z-121	Micro Centrifuge
IP-16	Centrifuge, cooling	0	6	削除 (EU案件で調達)	0	0			
IP-17	Fluid pump, suction	1	3	変更なし	1	3	IP-17	Z-082	Fluid Pump, Suction
IP-18	Incubator, natural convection	8	0	機材点数減少	2	0	IP-18	Z-116	Laboratory Incubator A
IP-19	CO2 Incubator	2	0	削除 (EU案件で調達)	0	0			
IP-20	Laboratory Freezer	2	10	変更なし	2	10	IP-20	Z-111	Laboratory Freezer
IP-21	Laboratory Freezer, ultra low	1	3	変更なし	1	3	IP-21	Z-112	Laboratory Freezer, ultra low
IP-22	Electrical balance A	1	0	削除 (EU案件で調達)	0	0			
IP-23	Blender	1	0	削除 (EU案件で調達)	0	0			
IP-23b	Blender peristaltic tipe 400-500 ml			追加	1	10	IP-23b	Z-029	Blender Peristaltic Type
IP-24	Air Sampler for airborne bacteria	1	0	削除 (EU案件で調達)	0	0			
IP-25	Ultrasonic Bath	1	0	削除 (EU案件で調達)	0	0			
IP-26	Vortex	6	23	変更なし	6	23	IP-26	Z-245	Vortex Mixer
IP-27	Timer	17	56	削除 (EU案件で調達)	0	0			
IP-28	Thermometer, digital	30	100	削除 (EU案件で調達)	0	0			
IP-29	Thermostatic bath	1	10	変更なし	1	10	IP-29	Z-249	Water Bath
IP-30	Liquid filtering set with vacuum pump, 3 slots	1	0	削除 (EU案件で調達)	0	0			
IP-31	Set of adjustable digital dispensers	5	11	変更なし	5	11	IP-31	Z-123	Micropipette Set
IP-32	Set of Multi-Channel Micropipette	2	15	変更なし	2	15	IP-32	Z-183	Set of Multi-Channel Micropipette
IP-33	Gas Chromatograph, ECD/NPD detector	1	2	機材点数減少	0	1	IP-33	Z-039	Chromatograph, Gas A
IP-34	Gas Chromatograph, FID mass-selective detectors	0	1	変更なし	0	1	IP-34	Z-042	Chromatograph, Gas D
IP-35	Liquid Chromatograph, 3 detectors	1	1	配布先変更	0	2	IP-35	Z-038	Chromatograph Liquid
IP-36	Gas Chromatograph, FID detector, automatic headspace sampler	0	1	配布先変更	1	0	IP-36	Z-040	Chromatograph, Gas B
IP-37	Gas Chromatograph, FID detector, thermal desorbe	0	1	変更なし	0	1	IP-37	Z-041	Chromatograph, Gas C
IP-38	Ultra water purifier	0	1	変更なし	0	1	IP-38	Z-205	Ultra Water Purifier
IP-39	Microwave mineralizer	0	1	変更なし	0	1	IP-39	Z-124	Microwave Mineralizer
IP-40	Atomic absorption spectrophotometer	1	2	配布先変更	0	3	IP-40	Z-012	Atomic Absorption Spectrophotometer
IP-41	Solid phase extraction	1	0	変更なし	1	0	IP-41	Z-189	Solid Phase Extraction
IP-42	Rotary evaporator with vacuum pump	1	0	変更なし	1	0	IP-42	Z-179	Rotary Evaporator with Vacuum Pump
IP-43	Environmental monitor, portable	1	3	削除 (EU案件で調達)	0	0			
IP-44	Aerosol monitor	1	3	削除 (EU案件で調達)	0	0			
IP-45	Fluorometer	1	0	変更なし	1	0	IP-45	Z-083	Fluorometer
IP-46	Capillary electrophoresis apparatus	1	0	変更なし	1	0	IP-46	Z-034	Capillary Electrophoresis Apparatus
IP-47	Shaker, reciprocating	2	0	変更なし	2	0	IP-47	Z-184	Shaker, Reciprocating
IP-48	Homogenizer	3	0	変更なし	3	0	IP-48	Z-098	Homogenizer
IP-49	TLC densitometer	2	0	機材点数減少	1	0	IP-49	Z-204	TLC Densitometer
IP-50	Conductometer	2	5	機材点数減少及び配布先変更	1	5	IP-50	Z-047	Conductometer
IP-51	Digital Muffle furnace	1	0	削除 (EU案件で調達)	0	0			
IP-52	Distillator	2	0	削除 (EU案件で調達)	0	0			
IP-53	Bidistillator	1	0	変更なし	1	0	IP-53	Z-022	Bidistillator
IP-54	Spectrophotometer UV-VIS	4	0	機材点数減少	2	0	IP-54	Z-192	Spectrophotometer UV-VIS
IP-55	Photoelectric colorimeter	4	0	削除 (EU案件で調達)	0	0			
IP-56	Incubator	1	0	変更なし	1	0	IP-56	Z-117	Laboratory Incubator B
IP-57	Automatic titrator with recorder	1	6	機材点数減少	1	0	IP-57	Z-020	Automatic Titrator with Recorder
IP-58	Air sampling pump for thermodesorber GC (Determine organic compounds in the air)	1	1	変更なし	1	1	IP-58	Z-002	Air Sampling Pump A
IP-59	Laboratory washing, drying and disinfecting machine	4	0	変更なし	4	0	IP-59	Z-118	Laboratory Washing, Drying and Disinfecting Machine
IP-60	pH-meter	1	5	変更なし	1	5	IP-60	Z-153	pH-Meter
IP-61	Mercury Analyzer	1	3	変更なし	1	3	IP-61	Z-120	Mercury Analyzer
IP-62	Laboratory Fume Hoods with external exhaust system	10	0	内容調整	5	0	IP-62	Z-113	Laboratory Fume Hood A
					1	0	IP-62	Z-114	Laboratory Fume Hood B
					4	0	IP-62	Z-115	Laboratory Fume Hood C

Equipment Change Comparison Table
(National Center for Public Health)

Item No.	機材名	変更前数量		変更内容	変更後数量		Equip. No.	Code No.	Final Equipment Name
		Central	Regional		Central	Regional			
IP-63	Air sampling pump with 4 outlets (Detects toxic chemicals)	3	10	変更なし	3	10	IP-63	Z-003	Air Sampling Pump B
IP-64	Selective Radiation Meter	1	0	変更なし	1	0	IP-64	Z-182	Selective Radiation Meter
IP-65	UV radiation meter	1	0	削除(不要との判断)	0	0			
IP-66	Sound level meter	1	0	機材点数増加	2	3	IP-66	Z-191	Sound Level Meter
IP-67	Ultrasound microphone	1	0	変更なし	1	0	IP-67	Z-218	Ultrasound Microphone
IP-68	Sound calibrator	1	3	変更なし	1	3	IP-68	Z-190	Sound Calibrator
IP-69	Vibration meter	2	3	変更なし	2	3	IP-69	Z-229	Vibration Meter
IP-70	Amenity meter	2	3	機材点数減少	1	0	IP-70	Z-005	Amenity Meter
IP-71	Light Meter	1	3	変更なし	1	3	IP-71	Z-119	Light Meter
IP-72	Dust meter	2	3	変更なし	2	3	IP-72	Z-059	Dust Meter
IP-73	Alpha and beta counting spectrometry system	1	1	機材点数減少	1	0	IP-73	Z-004	Alpha and Beta Counting Spectrometry System
IP-74	Gamma counting spectrometry system	0	3	機材点数減少	0	2	IP-74	Z-084	Gamma Counting Spectrometry System
IP-75	X-Ray impulse dosimeter	1	3	機材点数減少及び配布先変更	2	0	IP-75	Z-261	X-Ray Impulse Dosimeter
IP-76	Survey meter A	1	3	機材点数減少	1	0	IP-76	Z-199	Survey Meter A
IP-77	Survey meter B	1	3	機材点数減少	0	3	IP-77	Z-200	Survey Meter B

Code	Equipment Name
Z-006	Amino Acid Analyzer
Z-009	Angiography
Z-012	Atomic Absorption Spectrophotometer
Z-014	Autoclave, Vertical
Z-023	Binocular Microscope
Z-024	Binocular Microscope with Camera
Z-025	Binocular Microscope, Fluorescence
Z-030	Blood Bank Refrigerator
Z-035	Cardiotocograph
Z-036	Central Monitoring System
Z-037	Centrifuge
Z-038	Chromatograph Liquid
Z-039	Chromatograph, Gas A
Z-040	Chromatograph, Gas B
Z-041	Chromatograph, Gas C
Z-042	Chromatograph, Gas D
Z-045	Coagulation Analyzer
Z-052	CT
Z-053	Defibrillator
Z-054	Defibrillator with Internal Pad
Z-055	Defibrillator with Pacing
Z-058	Drying Oven
Z-060	ECG, 12-channel
Z-061	EEG
Z-070	EMG
Z-071	Endoscope Washer / Disinfector A
Z-072	Endoscope Washer / Disinfector B
Z-083	Fluorometer
Z-088	Hematology Analyzer A
Z-089	Hematology Analyzer B
Z-090	Hematology Analyzer C
Z-103	ICU Bed
Z-106	ICU Central Monitor
Z-108	Infant Transport Incubator
Z-109	Infusion Pump A
Z-110	Infusion Pump B
Z-111	Laboratory Freezer
Z-112	Laboratory Freezer, ultra low
Z-113	Laboratory Fume Hood A
Z-114	Laboratory Fume Hood B
Z-115	Laboratory Fume Hood C
Z-116	Laboratory Incubator A
Z-117	Laboratory Incubator B
Z-125	MRI
Z-133	Operation Table
Z-136	Panorama X-ray Apparatus
Z-138	Patient Monitor A
Z-139	Patient Monitor B
Z-140	Patient Monitor C
Z-141	Patient Monitor D

Code	Equipment Name
Z-142	Patient Monitor E
Z-143	Patient Monitor F
Z-144	Patient Monitor G
Z-145	Patient Trolley
Z-152	Phacoemulsification Machine
Z-157	Polysomnograph
Z-161	Refrigerator
Z-175	Rigid Thoracoscope Set A
Z-178	Rigid Urology TUR Set
Z-188	Slit Lamp, OCT
Z-192	Spectrophotometer UV-VIS
Z-194	Stereo Microscope with TV Monitor
Z-201	Syringe Pump A
Z-202	Syringe Pump B
Z-208	Ultrasound Apparatus A (General)
Z-209	Ultrasound Apparatus B (General)
Z-210	Ultrasound Apparatus C (Biopsy/Elastography)
Z-211	Ultrasound Apparatus D (Cardiology)
Z-212	Ultrasound Apparatus E (Cardiology)
Z-213	Ultrasound Apparatus F (Neonatology)
Z-214	Ultrasound Apparatus G (Obstetrics)
Z-215	Ultrasound Apparatus H (Obstetrics)
Z-216	Ultrasound Apparatus I (Pediatrics)
Z-217	Ultrasound Apparatus J (Urology)
Z-219	Urine Analyzer
Z-229	Vibration Meter
Z-230	Video Bronchoscope A
Z-231	Video Bronchoscope B
Z-232	Video Colonoscope
Z-233	Video Cystoscope
Z-234	Video Duodenoscope
Z-235	Video Endoscope System
Z-236	Video Esophagoscope
Z-237	Video Gastroscope A
Z-238	Video Gastroscope B
Z-239	Video Gastroscope C
Z-240	Video Gastroscope D
Z-241	Video Gastroscope E
Z-242	Video Laryngoscope A
Z-243	Video Laryngoscope B
Z-251	X-ray Apparatus General
Z-252	X-ray Apparatus Mobile
Z-253	X-ray C-arm
Z-254	X-ray C-arm with DSA
Z-255	X-ray CR System
Z-256	X-ray Digital Mammography
Z-257	X-ray Dry Imager
Z-258	X-ray Fluoroscopy for Urology
Z-259	X-ray General with Fluoroscopy A
Z-260	X-ray General with Fluoroscopy B

医療機材およびラボ関連機材(ロット1)		
コード番号	機材名	量
Z-001	Activated Coagulation Timer	2
Z-006	Amino Acid Analyzer	1
Z-007	Anesthesia Apparatus A	5
Z-008	Anesthesia Apparatus B	51
Z-010	Argon Plasma Coagulator	1
Z-011	Artificial Heart-Lung Machine	2
Z-014	Autoclave, Vertical	5
Z-018	Automatic Immunohistochemistry Station	1
Z-019	Automatic Slide Stainer machine	4
Z-021	Autotransfusion System	5
Z-023	Binocular Microscope	3
Z-024	Binocular Microscope with Camera	1
Z-025	Binocular Microscope, Fluorescence	9
Z-026	Biochemical Analyzer A	1
Z-027	Biochemical Analyzer B	1
Z-028	Biosafety Cabinet	1
Z-030	Blood Bank Refrigerator	12
Z-031	Blood Gas Analyzer	2
Z-032	Blood Warmer	10
Z-033	Body Warmer	16
Z-037	Centrifuge	2
Z-043	Cleanbench	1
Z-044	CO2 Laser	1
Z-045	Coagulation Analyzer	2
Z-049	Counterpulsation (IABP) Equipment	1
Z-050	CPAP	2
Z-051	Cryotome	2
Z-052	CT	3
Z-056	DNA Sequencer	2
Z-058	Drying Oven	6
Z-062	Electric Coagulator, RF	1
Z-063	Electrodermatome	1
Z-064	Electrophoresis Protein Analyzer	1
Z-067	Electrosurgical Unit A	2
Z-068	Electrosurgical Unit B	17
Z-071	Endoscope Washer / Disinfector A	19
Z-072	Endoscope Washer / Disinfector B	2
Z-077	Equipment for Ecmo	1
Z-078	ESR Analyzer	2
Z-079	Examination Light	6
Z-080	Extracorporeal Life Support	1
Z-081	Feeding Pump	1
Z-086	Glass Coverslipping Device	3
Z-087	Headlight System	4
Z-088	Hematology Analyzer A	2
Z-089	Hematology Analyzer B	2
Z-090	Hematology Analyzer C	1
Z-091	Hemodialysis Machine	1
Z-096	High Speed Micromotor	1
Z-097	Histoprocessor	3
Z-099	Hot Plate	11
Z-100	Hybridizator (FISH/CISH)	1
Z-101	Hyper/Hypothermia System	2
Z-103	ICU Bed	40
Z-104	ICU Bed Head Unit Single	10
Z-105	ICU Bed Head Unit Triple	2
Z-108	Infant Transport Incubator	5
Z-109	Infusion Pump A	54
Z-110	Infusion Pump B	34

医療機材およびラボ関連機材(ロット1)		
コード番号	機材名	量
Z-116	Laboratory Incubator A	3
Z-117	Laboratory Incubator B	1
Z-122	Microdebrider	1
Z-125	MRI	1
Z-127	Near Infrared Oxygenation Monitor	1
Z-128	Neuronavigation System	1
Z-130	Operation Light, Ceiling	26
Z-131	Operation Light, Ceiling with Camera	10
Z-132	Operation Microscope	1
Z-133	Operation Table	51
Z-134	Osmometer	1
Z-136	Panorama X-ray Apparatus	1
Z-137	Paraffin Embedding Machine	10
Z-145	Patient Trolley	4
Z-148	Pendant for Anesthesia	10
Z-149	Pendant for ICU	13
Z-150	Pendant for Surgical	10
Z-151	Perspiration Analyzer	1
Z-152	Phacoemulsification Machine	1
Z-155	Plasmapheresis Machine A	1
Z-156	Plasmapheresis Machine B	1
Z-158	Pulse Oximeter, Hand-held	14
Z-159	Real Time PCR	4
Z-162	Retriever for Antigen Unmasking	1
Z-163	Rhino Manometer	1
Z-164	Rigid Arthroscope Set	1
Z-165	Rigid Bronchoscope, Pediatric	1
Z-166	Rigid Cystoscope Set	1
Z-167	Rigid Laparoscope Set A	3
Z-168	Rigid Laparoscope Set B	1
Z-169	Rigid Laparoscope Set C	2
Z-170	Rigid Laparoscope Set D	1
Z-171	Rigid Laparoscope Set E	1
Z-172	Rigid Laparoscope Set F	1
Z-173	Rigid Laparoscope Set G	1
Z-174	Rigid ORL Surgery Endoscope Set	1
Z-175	Rigid Thoracoscope Set A	1
Z-176	Rigid Thoracoscope Set B	2
Z-177	Rigid TUR Set with HF Unit	2
Z-178	Rigid Urology TUR Set	1
Z-180	Rotary Microtome	13
Z-186	Skin Grafts Perforator	1
Z-188	Slit Lamp, OCT	1
Z-193	Stem cell Freezing System	1
Z-195	Suction Unit	53
Z-196	Superimposed High Frequency Jet Ventilation	1
Z-197	Surgical Ablation System	1
Z-198	Surgical Retractors	2
Z-201	Syringe Pump A	58
Z-202	Syringe Pump B	49
Z-204	TLC Densitometer	1
Z-207	Ultrasonic Cleaner	3
Z-208	Ultrasound Apparatus A (General)	1
Z-209	Ultrasound Apparatus B (General)	1
Z-210	Ultrasound Apparatus C (Biopsy/Elastography)	1
Z-211	Ultrasound Apparatus D (Cardiology)	1
Z-212	Ultrasound Apparatus E (Cardiology)	2
Z-213	Ultrasound Apparatus F (Neonatology)	1
Z-214	Ultrasound Apparatus G (Obstetrics)	1

医療機材およびラボ関連機材(ロット1)		
コード番号	機材名	量
Z-215	Ultrasound Apparatus H (Obstetrics)	4
Z-216	Ultrasound Apparatus I (Pediatrics)	3
Z-217	Ultrasound Apparatus J (Urology)	1
Z-218	Ultrasound Microphone	1
Z-219	Urine Analyzer	3
Z-220	UV Handwasher	10
Z-221	Vacuum Therapy Unit	1
Z-224	Ventilator for Neonate	2
Z-225	Ventilator for Pediatric A	1
Z-226	Ventilator for Pediatric B	2
Z-227	Ventilator Mobile	4
Z-228	Vertical Laminar Flow Unit	2
Z-229	Vibration Meter	5
Z-230	Video Bronchoscope A	1
Z-231	Video Bronchoscope B	3
Z-232	Video Colonoscope	18
Z-233	Video Cystoscope	1
Z-234	Video Duodenoscope	1
Z-235	Video Endoscope System	19
Z-236	Video Esophagoscope	1
Z-237	Video Gastroscope A	2
Z-238	Video Gastroscope B	2
Z-239	Video Gastroscope C	2
Z-240	Video Gastroscope D	2
Z-241	Video Gastroscope E	5
Z-242	Video Laryngoscope A	2
Z-243	Video Laryngoscope B	1
Z-244	Vitreotome	1
Z-246	Washer / Disinfector A	2
Z-247	Washer / Disinfector B	6
Z-248	Washer / Disinfector C	3
Z-252	X-ray Apparatus Mobile	10
Z-253	X-ray C-arm	5
Z-254	X-ray C-arm with DSA	2
Z-255	X-ray CR System	6
Z-256	X-ray Digital Mammography	2
Z-257	X-ray Dry Imager	1
Z-262	Yag Laser	1

医療機材およびラボ関連機材(ロット2)		
コード番号	機材名	量
Z-002	Air Sampling Pump A	2
Z-003	Air Sampling Pump B	13
Z-004	Alpha, Beta and Gamma Counting Spectrometry System	1
Z-005	Amenity Meter	1
Z-009	Angiography	2
Z-012	Atomic Absorption Spectrophotometer	3
Z-013	Audiometer	2
Z-015	Automated Culture Media Preparator	1
Z-016	Automated Nucleic Acids Extraction System	1
Z-017	Automatic Colony Counter	1
Z-020	Automatic Titrator with Recorder	1
Z-022	Bidistillator	1
Z-029	Blender Peristaltic Type	11
Z-034	Capillary Electrophoresis Apparatus	1
Z-035	Cardiotocograph	10
Z-036	Central Monitoring System	1
Z-038	Chromatograph Liquid	2
Z-039	Chromatograph, Gas A	1
Z-040	Chromatograph, Gas B	1
Z-041	Chromatograph, Gas C	1
Z-042	Chromatograph, Gas D	1
Z-046	Colony Counter	10
Z-047	Conductometer	6
Z-048	Cooled Ultracentrifuge for Microtubes	1
Z-053	Defibrillator	13
Z-054	Defibrillator with Internal Pad	2
Z-055	Defibrillator with Pacing	4
Z-057	DNA Sequencing System	1
Z-059	Dust Meter	5
Z-060	ECG, 12-channel	2
Z-061	EEG	4
Z-065	Electrophoresis System	2
Z-066	Electrosafety Analyzer	1
Z-069	ELISA System	1
Z-070	EMG	1
Z-073	ENT Examination Unit with Chair	2
Z-074	ENT Navigation System	1
Z-075	ENT Surgery Laser	1
Z-076	ENT Surgical Micromotor	1
Z-082	Fluid Pump, Suction	4
Z-083	Fluorometer	3
Z-084	Gamma Counting Spectrometry System	2
Z-085	Gel Photo Documentation System	1
Z-092	High Pressure Steam Sterilizer A	2
Z-093	High Pressure Steam Sterilizer B	10
Z-094	High Pressure Steam Sterilizer C	1
Z-095	High Pressure Steam Sterilizer D	3
Z-098	Homogenizer	3
Z-102	Ice Maker	2
Z-106	ICU Central Monitor	3
Z-107	Impedance Audiometer	2
Z-111	Laboratory Freezer	13
Z-112	Laboratory Freezer, ultra low	4
Z-113	Laboratory Fume Hood A	5
Z-114	Laboratory Fume Hood B	1
Z-115	Laboratory Fume Hood C	4
Z-118	Laboratory Washing, Drying and Disinfecting Machine	4
Z-119	Light Meter	4
Z-120	Mercury Analyzer	4

医療機材およびラボ関連機材(ロット2)		
コード番号	機材名	量
Z-121	Micro Centrifuge	6
Z-123	Micropipette Set	19
Z-124	Microwave Mineralizer	1
Z-126	Multi Vortex	1
Z-129	OAE Screener	12
Z-135	Otoscope with Monitor	2
Z-138	Patient Monitor A	34
Z-139	Patient Monitor B	2
Z-140	Patient Monitor C	54
Z-141	Patient Monitor D	96
Z-142	Patient Monitor E	15
Z-143	Patient Monitor F	4
Z-144	Patient Monitor G	3
Z-146	PCR Box	1
Z-147	PCR Thermal Cycler	2
Z-153	pH-Meter	6
Z-154	Plasma Sterilizer	1
Z-157	Polysomnograph	1
Z-160	Real Time PCR system	1
Z-161	Refrigerator	1
Z-179	Rotary Evaporator with Vacuum Pump	1
Z-181	Rotary Sealer	12
Z-182	Selective Radiation Meter	1
Z-183	Set of Multi-Channel Micropipette	18
Z-184	Shaker, Reciprocating	2
Z-185	Simulator, Multiparameter	1
Z-187	Slave Monitor	5
Z-189	Solid Phase Extraction	1
Z-190	Sound Calibrator	4
Z-191	Sound Level Meter	5
Z-192	Spectrophotometer UV-VIS	2
Z-194	Stereo Microscope with TV Monitor	1
Z-199	Survey Meter A	1
Z-200	Survey Meter B	3
Z-203	Thermoblock, PCR Sample	5
Z-205	Ultra Water Purifier	1
Z-206	Ultracentrifuge for Microtubes	2
Z-222	Ventilator for Adult A	83
Z-223	Ventilator for Adult B	10
Z-245	Vortex Mixer	31
Z-249	Water Bath	22
Z-250	Water Distiller	1
Z-251	X-ray Apparatus General	1
Z-258	X-ray Fluoroscopy for Urology	1
Z-259	X-ray General with Fluoroscopy A	2
Z-260	X-ray General with Fluoroscopy B	2
Z-261	X-Ray Impulse Dosimeter	2

	2014												2015												2016												
	<i>Bidding public announcement</i>												<i>Completion of Installation</i>																								
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
<i>Bidding, Evaluation and Contract</i>																																					
Bidding public announcement																																					
Technical Evaluation																																					
JICA Concurrence																																					
Financial Evaluation																																					
JICA Concurrence																																					
Contract																																					
JICA Concurrence																																					
<i>Procurement and Installation</i>																																					
Production																																					
Shipping/Transportation																																					
Installation																																					
Retention																																					

MINUTES OF DISCUSSIONS
ON THE DETAILED DESIGN SURVEY
FOR
THE PROJECT FOR IMPROVEMENT OF MEDICAL CARE SERVICE
IN
REPUBLIC OF MOLDOVA
(EXPLANATION OF DRAFT REPORT)

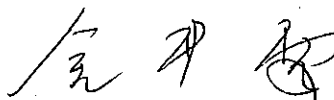
Japan International Cooperation Agency (hereinafter referred to as “JICA”) dispatched a Detailed Design Survey Team on the Project for Improvement of Medical Care Service (hereinafter referred to as “the Project”) to the Republic of Moldova (hereinafter referred to as “Moldova”) from August 2013 to January 2014. After the discussions, field surveys and technical examinations of the survey results in Japan, JICA dispatched a Draft Report Explanation Team (hereinafter referred to as “the Team”) , which is headed by Dr. Kaname KANAI, Executive Technical Advisor to the Director General, Human Development Department, JICA, from 28th to 30th January, 2014.

In the course of discussions, both parties confirmed the main items described in the attached sheets.

Chisinau, January 30th, 2014



Dr. Andrei USATII
Minister
Ministry of Health



Dr. Kaname KANAI, M.D., Ph.D.
Executive Technical Advisor to the Director
General,
Human Development Department
Japan International Cooperation Agency

ATTACHMENT

1. Product of Detailed Design Survey

Both sides confirmed and approved the contents of the Detailed Design Survey Product (Bidding Documents and Draft Final Report). As it was written in the Record of Discussion signed by both side on February 13th, 2013, JICA, which retains the copyright and other intellectual property rights of the Design Documents made by the Detailed Design Survey, shall give Ministry of Health (MoH) a non-terminable transferable and non-exclusive royalty-free license to copy, use and communicate the Design Documents, including making and using modifications of them for the purpose to complete the Yen Loan Project.

Moldova side confirmed that the Bidding Documents will be approved and endorsed officially by MoH in the stage of the procurement. Moldova side also confirmed that, in principal, no further modification will be made on the equipment list as attached.

2. Operation and Maintenance Cost

Regarding operational and maintenance budget for the hospitals and Centers for Public Health(including National Center of Public Health), MoH took the commitment in the appraisal mission conducted in December 2012, that an order will be issued to make sure that each facility involved in the Project for improvement of MedicalCare Service (MDAP1 project) will secure the annual budget necessary for operation and maintenance for the purchased equipment. Though the order has not been issued yet, MoH reconfirmed the engagement in providing the above mentioned document once the bidding is announced.

Annex-1 List of Equipment

L.C.

B

Annex-1 List of Equipment

RH: Republican Clinical Hospital

MH: Scientific Research Institute in the Field of Mother and Child Health Protection

EH: National Scientific-Practical Centre for Emergency Medicine

OI: Oncologic Institute

ST: Chisinau Municipal Clinical Hospital "Sfanta Treime"

IP: National Center for Public Health

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-001	Activated Coagulation Timer	2						2
Z-002	Air Sampling Pump A						2	2
Z-003	Air Sampling Pump B						13	13
Z-004	Alpha and Beta Counting Spectrometry System						1	1
Z-005	Amenity Meter						1	1
Z-006	Amino Acid Analyzer		1					1
Z-007	Anesthesia Apparatus A	5						5
Z-008	Anesthesia Apparatus B	11	11		19	10		51
Z-009	Angiography			1		1		2
Z-010	Argon Plasma Coagulator	1						1
Z-011	Artificial Heart-Lung Machine	2						2
Z-012	Atomic Absorption Spectrophotometer						3	3
Z-013	Audiometer		2					2
Z-014	Autoclave, Vertical	3					2	5
Z-015	Automated Culture Media Preparator						1	1
Z-016	Automated Nucleic Acids Extraction System				1			1
Z-017	Automatic Colony Counter						1	1
Z-018	Automatic Immunohistochemistry Station				1			1
Z-019	Automatic Slide Stainer machine				4			4
Z-020	Automatic Titrator with Recorder						1	1
Z-021	Autotransfusion System	5						5
Z-022	Bidistillator						1	1
Z-023	Binocular Microscope	2	1					3
Z-024	Binocular Microscope with Camera	1						1
Z-025	Binocular Microscope, Fluorescence		5		4			9
Z-026	Biochemical Analyzer A		1					1
Z-027	Biochemical Analyzer B					1		1
Z-028	Biosafety Cabinet				1			1
Z-029	Blender Peristaltic Type						11	11
Z-030	Blood Bank Refrigerator	12						12
Z-031	Blood Gas Analyzer					2		2
Z-032	Blood Warmer	10						10
Z-033	Body Warmer	16						16
Z-034	Capillary Electrophoresis Apparatus						1	1
Z-035	Cardiotocograph		10					10
Z-036	Central Monitoring System		1					1
Z-037	Centrifuge	2						2
Z-038	Chromatograph Liquid						2	2
Z-039	Chromatograph, Gas A						1	1
Z-040	Chromatograph, Gas B						1	1
Z-041	Chromatograph, Gas C						1	1
Z-042	Chromatograph, Gas D						1	1
Z-043	Cleanbench	1						1
Z-044	CO2 Laser	1						1
Z-045	Coagulation Analyzer	1	1					2
Z-046	Colony Counter						10	10
Z-047	Conductometer						6	6

Annex-1 List of Equipment

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-048	Cooled Ultracentrifuge for Microtubes				1			1
Z-049	Counterpulsation (IABP) Equipment	1						1
Z-050	CPAP		2					2
Z-051	Cryotome	1			1			2
Z-052	CT		1	1		1		3
Z-053	Defibrillator	6	7					13
Z-054	Defibrillator with Internal Pad	2						2
Z-055	Defibrillator with Pacing					4		4
Z-056	DNA Sequencer		1				1	2
Z-057	DNA Sequencing System				1			1
Z-058	Drying Oven				5		1	6
Z-059	Dust Meter						5	5
Z-060	ECG, 12-channel	2						2
Z-061	EEG	2	2					4
Z-062	Electric Coagulator, RF		1					1
Z-063	Electrodermatome		1					1
Z-064	Electrophoresis Protein Analyzer					1		1
Z-065	Electrophoresis System				2			2
Z-066	Electrosafety Analyzer	1						1
Z-067	Electrosurgical Unit A	2						2
Z-068	Electrosurgical Unit B	7				10		17
Z-069	ELISA System						1	1
Z-070	EMG		1					1
Z-071	Endoscope Washer / Disinfector A	1	3	1	14			19
Z-072	Endoscope Washer / Disinfector B				2			2
Z-073	ENT Examination Unit with Chair		2					2
Z-074	ENT Navigation System	1						1
Z-075	ENT Surgery Laser					1		1
Z-076	ENT Surgical Micromotor	1						1
Z-077	Equipment for Ecmo	1						1
Z-078	ESR Analyzer	2						2
Z-079	Examination Light	6						6
Z-080	Extracorporeal Life Support	1						1
Z-081	Feeding Pump	1						1
Z-082	Fluid Pump, Suction						4	4
Z-083	Fluorometer				2		1	3
Z-084	Gamma Counting Spectrometry System						2	2
Z-085	Gel Photo Documentation System				1			1
Z-086	Glass Coverslipping Device				3			3
Z-087	Headlight System	4						4
Z-088	Hematology Analyzer A	2						2
Z-089	Hematology Analyzer B		1			1		2
Z-090	Hematology Analyzer C		1					1
Z-091	Hemodialysis Machine	1						1
Z-092	High Pressure Steam Sterilizer A	2						2
Z-093	High Pressure Steam Sterilizer B			5	5			10
Z-094	High Pressure Steam Sterilizer C					1		1
Z-095	High Pressure Steam Sterilizer D					3		3
Z-096	High Speed Micromotor	1						1
Z-097	Histoprocessor				3			3
Z-098	Homogenizer						3	3
Z-099	Hot Plate		1		10			11
Z-100	Hybridizator (FISH/CISH)				1			1

Annex-1 List of Equipment

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-101	Hyper/Hypothermia System	2						2
Z-102	Ice Maker						2	2
Z-103	ICU Bed		40					40
Z-104	ICU Bed Head Unit Single	10						10
Z-105	ICU Bed Head Unit Triple	2						2
Z-106	ICU Central Monitor	3						3
Z-107	Impedance Audiometer		2					2
Z-108	Infant Transport Incubator	1	4					5
Z-109	Infusion Pump A	54						54
Z-110	Infusion Pump B					34		34
Z-111	Laboratory Freezer				1		12	13
Z-112	Laboratory Freezer, ultra low						4	4
Z-113	Laboratory Fume Hood A						5	5
Z-114	Laboratory Fume Hood B						1	1
Z-115	Laboratory Fume Hood C						4	4
Z-116	Laboratory Incubator A		1				2	3
Z-117	Laboratory Incubator B						1	1
Z-118	Laboratory Washing, Drying and Disinfecting Machine						4	4
Z-119	Light Meter						4	4
Z-120	Mercury Analyzer						4	4
Z-121	Micro Centrifuge						6	6
Z-122	Microdebrider		1					1
Z-123	Micropipette Set				3		16	19
Z-124	Microwave Mineralizer						1	1
Z-125	MRI			1				1
Z-126	Multi Vortex				1			1
Z-127	Near Infrared Oxygenation Monitor	1						1
Z-128	Neuronavigation System			1				1
Z-129	OAE Screener		12					12
Z-130	Operation Light, Ceiling				16	10		26
Z-131	Operation Light, Ceiling with Camera	10						10
Z-132	Operation Microscope	1						1
Z-133	Operation Table	10		16	16	9		51
Z-134	Osmometer	1						1
Z-135	Otoscope with Monitor		2					2
Z-136	Panorama X-ray Apparatus		1					1
Z-137	Paraffin Embedding Machine				10			10
Z-138	Patient Monitor A	34						34
Z-139	Patient Monitor B	2						2
Z-140	Patient Monitor C	14	11		19	10		54
Z-141	Patient Monitor D		35		43	18		96
Z-142	Patient Monitor E		15					15
Z-143	Patient Monitor F					4		4
Z-144	Patient Monitor G					3		3
Z-145	Patient Trolley	4						4
Z-146	PCR Box				1			1
Z-147	PCR Thermal Cycler				2			2
Z-148	Pendant for Anesthesia	10						10
Z-149	Pendant for ICU	13						13
Z-150	Pendant for Surgical	10						10
Z-151	Perspiration Analyzer		1					1
Z-152	Phacoemulsification Machine	1						1
Z-153	pH-Meter						6	6

Annex-1 List of Equipment

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-154	Plasma Sterilizer	1						1
Z-155	Plasmapheresis Machine A	1						1
Z-156	Plasmapheresis Machine B				1			1
Z-157	Polysomnograph		1					1
Z-158	Pulse Oximeter, Hand-held	14						14
Z-159	Real Time PCR		1				3	4
Z-160	Real Time PCR system				1			1
Z-161	Refrigerator				1			1
Z-162	Retriever for Antigen Unmasking				1			1
Z-163	Rhino Manometer	1						1
Z-164	Rigid Arthroscope Set			1				1
Z-165	Rigid Bronchoscope, Pediatric		1					1
Z-166	Rigid Cystoscope Set		1					1
Z-167	Rigid Laparoscope Set A			1	2			3
Z-168	Rigid Laparoscope Set B					1		1
Z-169	Rigid Laparoscope Set C		1			1		2
Z-170	Rigid Laparoscope Set D					1		1
Z-171	Rigid Laparoscope Set E		1					1
Z-172	Rigid Laparoscope Set F					1		1
Z-173	Rigid Laparoscope Set G				1			1
Z-174	Rigid ORL Surgery Endoscope Set					1		1
Z-175	Rigid Thoracoscope Set A	1						1
Z-176	Rigid Thoracoscope Set B				1	1		2
Z-177	Rigid TUR Set with HF Unit				2			2
Z-178	Rigid Urology TUR Set	1						1
Z-179	Rotary Evaporator with Vacuum Pump						1	1
Z-180	Rotary Microtome				13			13
Z-181	Rotary Sealer			4	4	4		12
Z-182	Selective Radiation Meter						1	1
Z-183	Set of Multi-Channel Micropipette				1		17	18
Z-184	Shaker, Reciprocating						2	2
Z-185	Simulator, Multiparameter	1						1
Z-186	Skin Grafts Perforator		1					1
Z-187	Slave Monitor	5						5
Z-188	Slit Lamp, OCT					1		1
Z-189	Solid Phase Extraction						1	1
Z-190	Sound Calibrator						4	4
Z-191	Sound Level Meter						5	5
Z-192	Spectrophotometer UV-VIS						2	2
Z-193	Stem cell Freezing System				1			1
Z-194	Stereo Microscope with TV Monitor						1	1
Z-195	Suction Unit	19				34		53
Z-196	Superimposed High Frequency Jet Ventilation	1						1
Z-197	Surgical Ablation System	1						1
Z-198	Surgical Retractors	2						2
Z-199	Survey Meter A						1	1
Z-200	Survey Meter B						3	3
Z-201	Syringe Pump A	58						58
Z-202	Syringe Pump B		15			34		49
Z-203	Thermoblock, PCR Sample				1		4	5
Z-204	TLC Densitometer						1	1
Z-205	Ultra Water Purifier						1	1
Z-206	Ultracentrifuge for Microtubes				2			2

Annex-1 List of Equipment

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-207	Ultrasonic Cleaner					3		3
Z-208	Ultrasound Apparatus A (General)					1		1
Z-209	Ultrasound Apparatus B (General)				1			1
Z-210	Ultrasound Apparatus C (Biopsy/Elastography)				1			1
Z-211	Ultrasound Apparatus D (Cardiology)					1		1
Z-212	Ultrasound Apparatus E (Cardiology)	2						2
Z-213	Ultrasound Apparatus F (Neonatology)		1					1
Z-214	Ultrasound Apparatus G (Obstetrics)		1					1
Z-215	Ultrasound Apparatus H (Obstetrics)		4					4
Z-216	Ultrasound Apparatus I (Pediatrics)		3					3
Z-217	Ultrasound Apparatus J (Urology)	1						1
Z-218	Ultrasound Microphone						1	1
Z-219	Urine Analyzer	2	1					3
Z-220	UV Handwasher	10						10
Z-221	Vacuum Therapy Unit	1						1
Z-222	Ventilator for Adult A	32		12	23	16		83
Z-223	Ventilator for Adult B			10				10
Z-224	Ventilator for Neonate		2					2
Z-225	Ventilator for Pediatric A	1						1
Z-226	Ventilator for Pediatric B	1			1			2
Z-227	Ventilator Mobile					4		4
Z-228	Vertical Laminar Flow Unit	2						2
Z-229	Vibration Meter						5	5
Z-230	Video Bronchoscope A		1					1
Z-231	Video Bronchoscope B				3			3
Z-232	Video Colonoscope			2	16			18
Z-233	Video Cystoscope	1						1
Z-234	Video Duodenoscope			1				1
Z-235	Video Endoscope System		2	4	12	1		19
Z-236	Video Esophagoscope					1		1
Z-237	Video Gastroscope A		2					2
Z-238	Video Gastroscope B		2					2
Z-239	Video Gastroscope C		2					2
Z-240	Video Gastroscope D			2				2
Z-241	Video Gastroscope E			2	3			5
Z-242	Video Laryngoscope A	2						2
Z-243	Video Laryngoscope B				1			1
Z-244	Vitreotome		1					1
Z-245	Vortex Mixer				2		29	31
Z-246	Washer / Disinfector A	2						2
Z-247	Washer / Disinfector B			3	3			6
Z-248	Washer / Disinfector C					3		3
Z-249	Water Bath		1		10		11	22
Z-250	Water Distiller	1						1
Z-251	X-ray Apparatus General		1					1
Z-252	X-ray Apparatus Mobile		1	5	2	2		10
Z-253	X-ray C-arm			4	1			5
Z-254	X-ray C-arm with DSA	2						2
Z-255	X-ray CR System			3	1	2		6
Z-256	X-ray Digital Mammography				2			2
Z-257	X-ray Dry Imager					1		1
Z-258	X-ray Fluoroscopy for Urology		1					1
Z-259	X-ray General with Fluoroscopy A			1		1		2

S.C.

B

Annex-1 List of Equipment

Code	Equipment Name	Quantity						
		RH	MH	EH	OI	ST	IP	Total
Z-260	X-ray General with Fluoroscopy B		1		1			2
Z-261	X-Ray Impulse Dosimeter						2	2
Z-262	Yag Laser	1						1

S.C.

[Signature]