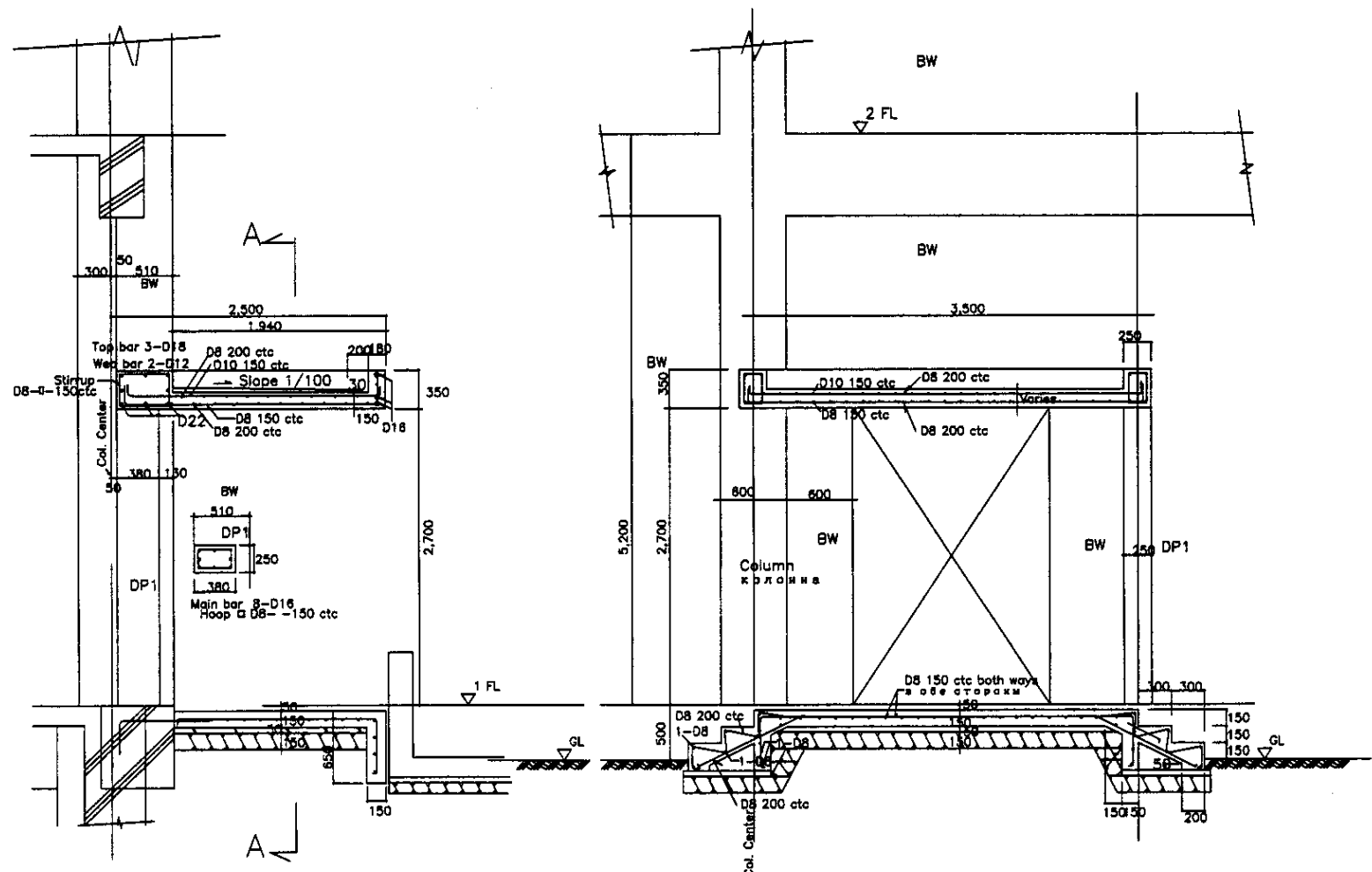


SKY LIGHT SIDE FRAME
БОКОВАЯ РАМКА ВЕРХНЕГО СВЕТА
SCALE 1:30







FRAME AROUND DOOR
КАРКАС ВОКРУГ ДВЕРИ
SCALE 1:30

SECTION A-A
РАЗРЕЗ A-A
SCALE 1:30

- LEGENDA
ЛЕГЕНДА
- Top Bar Верхняя арм.
 - Bottom Bar Ниж. арм.
 - Stirrup Скоба
 - Web-bar попереч. арм.
 - Bind. Bar обвязочная арматура
 - Hoop Bar кольцевая арматура
 - Dia. Bar диагональная арматура
 - Slope Уклон

NOTE : Use this around the door details at other doors, by adjusting dimensions of members.
ПРИМЕЧАНИЕ : ИСПОЛЬЗОВАТЬ ДАННЫЕ ВОКРУГ ДВЕРИ ДЛЯ ДР. ДВЕРЕЙ ПОСРЕДСТВОМ КОРРЕКТИРОВКИ РАЗМЕРОВ ЭЛЕМЕНТОВ

	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ							ASTANA WATER SUPPLY AND SEWERAGE PROJECT					
								ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"					
								SLUDGE TREATMENT BUILDING СООРУЖЕНИЕ ПО ОЧИСТКЕ ИЛА					
								DETAILS - 3 ДЕТАЛИ - 3					
	JAPAN INTERNATIONAL COOPERATION AGENCY							S24-S-17 SCALE 1:30					
	NJS CONSULTANTS CO.,LTD.-JAPAN												
	NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN												

Architectural drawing of a basement staircase (ЛЕСТНИЦА-2) showing four flights. The drawing includes dimensions for flight lengths, riser heights, and tread widths, as well as reinforcement specifications.

Reinforcement Details:

- USE SAME REINFORCEMENT OF BASEMENT STAIR REINFORCEMENT (АРМИРОВАНИЕ ВЫПОЛНИТЬ ПО ТИПУ АРМИРОВАНИЯ ПОДВАЛЬНОЙ ЛЕСТНИЦЫ)
- 1-D12
- 2-D12
- D10-@150
- D10-@200
- D10-@200 BOTH WAYS
- BASEMENT STAIR (ПОДВАЛЬНАЯ ЛЕСТНИЦА)

Dimensions:

- Flight lengths: 1x159=1,750 (repeated for three flights), 1x155=1,550 (bottom flight)
- Riser heights: 300, 300, 300, 300
- Tread widths: 300, 300, 300, 300
- Overall width: 7,000
- Overall height: 5,300

Other Labels:

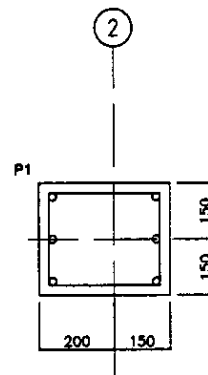
- UNDER CONCRETE (ШЛАКОВЕТОН)
- ВТ

USE SAME PROFILE AS 182
ИСПОЛЬЗОВАТЬ ТОТ ЖЕ ПРОФИЛЬ 182

USE SAME REINFORCEMENT WHEN RISE IS 119
AS STEP'S RISE IS 119
ПРИ ВЫСОТЕ СТУПЕНИ 155 ИСПОЛЬЗОВАТЬ ТУ ЖЕ
АРМАТУРУ КАК И ПРИ ВЫСОТЕ СТУПЕНИ 119

[illegible][illegible][illegible]

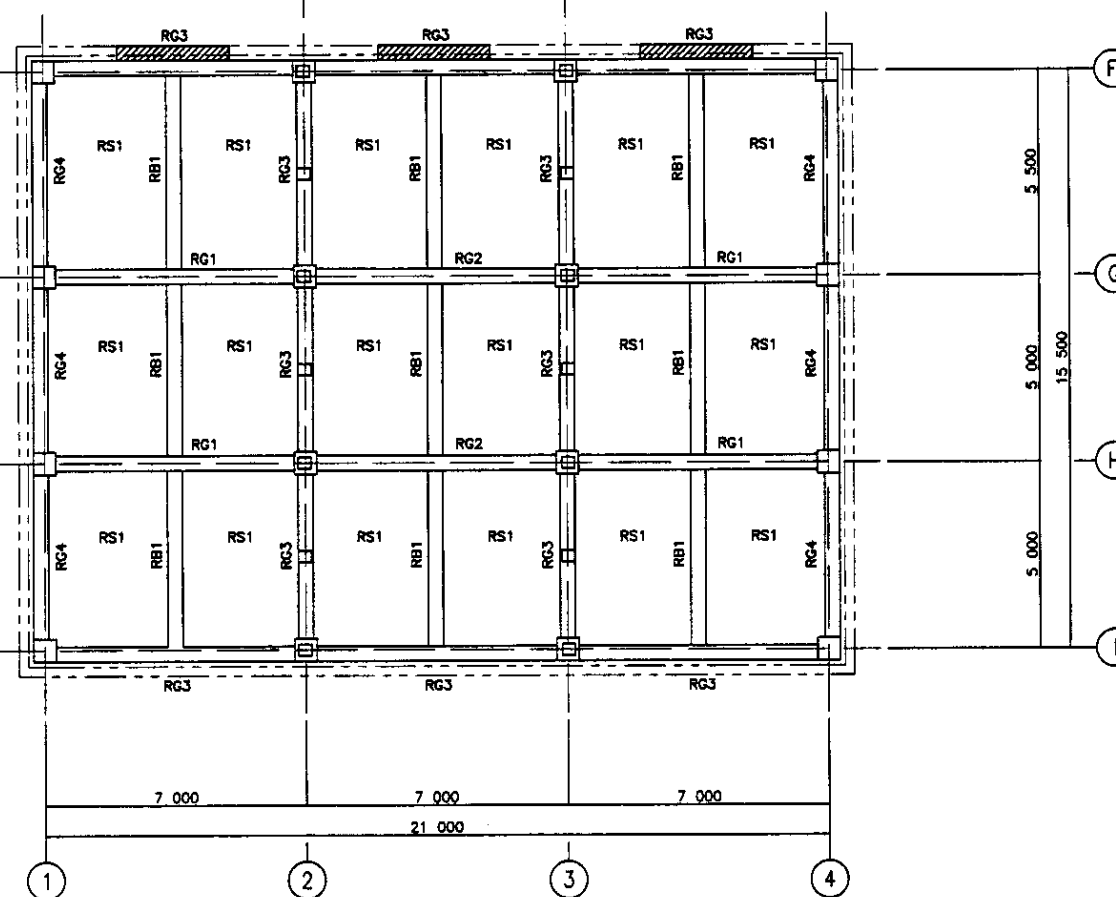
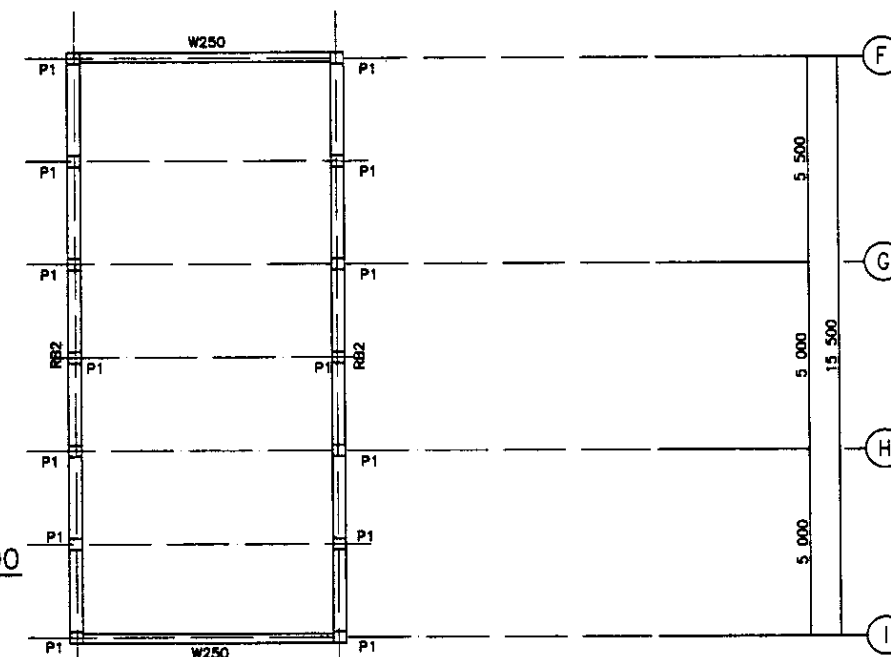
Signature and Print Name, Title	Date (Month, Day, Year)	Witnessed by (Print Name, Title)	Agreed/Consenting				



MAIN 6-D16/ОСНОВНАЯ АРМАТУРА
HOOP D10@150etc./КОЛЬЦЕВАЯ

FRAMING PLAN GL+10,700
ПЛАН КАРКАСА НА ОТМ. GL+10,700

SCALE 1:100



2nd FLOOR FRAMING PLAN
ПЛАН КАРКАСА 2 ЭТАЖА

SCALE 1:100

ROOF FRAMING PLAN
ПЛАН КАРКАСА КРОВЛИ

SCALE 1:100

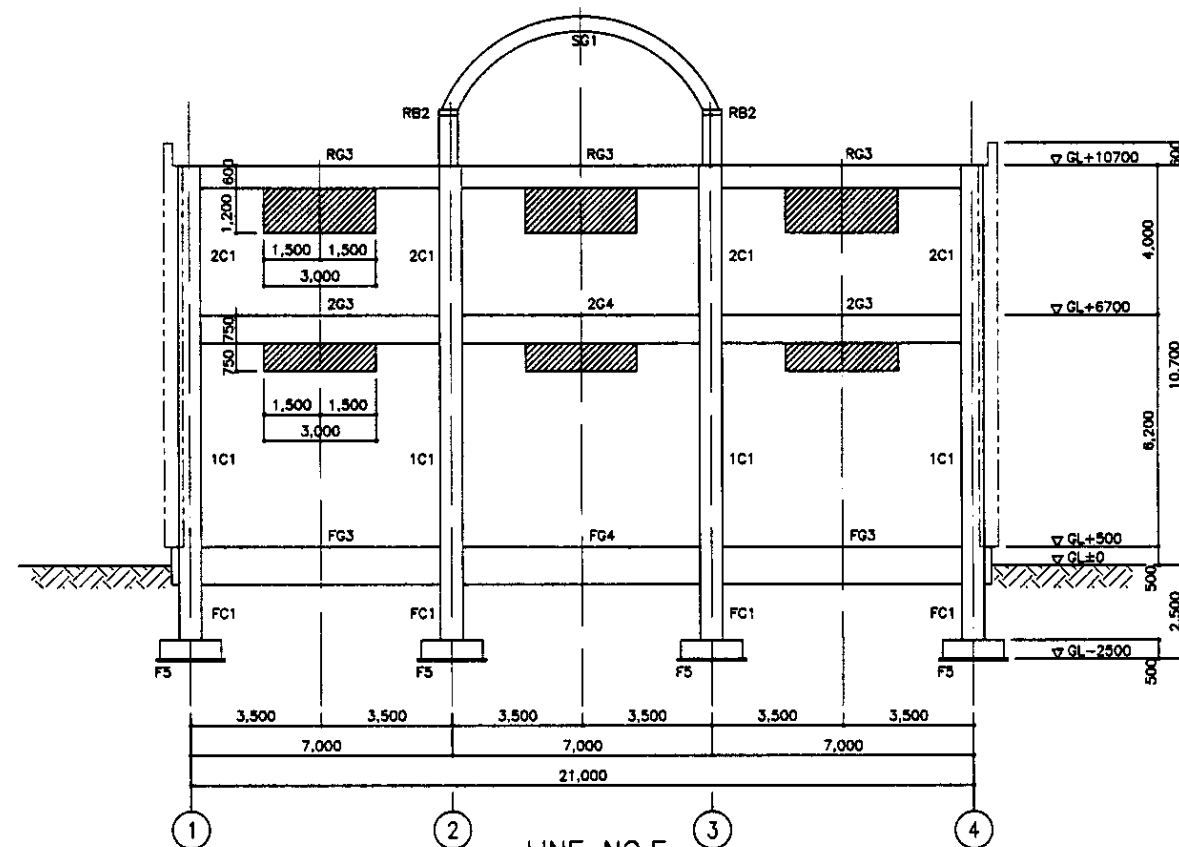
Agreed/Comments	
Initial of Review	
Signature and Date	
Initial of original	



КОРПОРАЦИЯ РАЗВИТИЯ
СТОЛИЦЫ
JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY
NJS CONSULTANTS
CO.,LTD.-JAPAN
NIHON SUIDO CONSULTANTS
CO.,LTD.-JAPAN

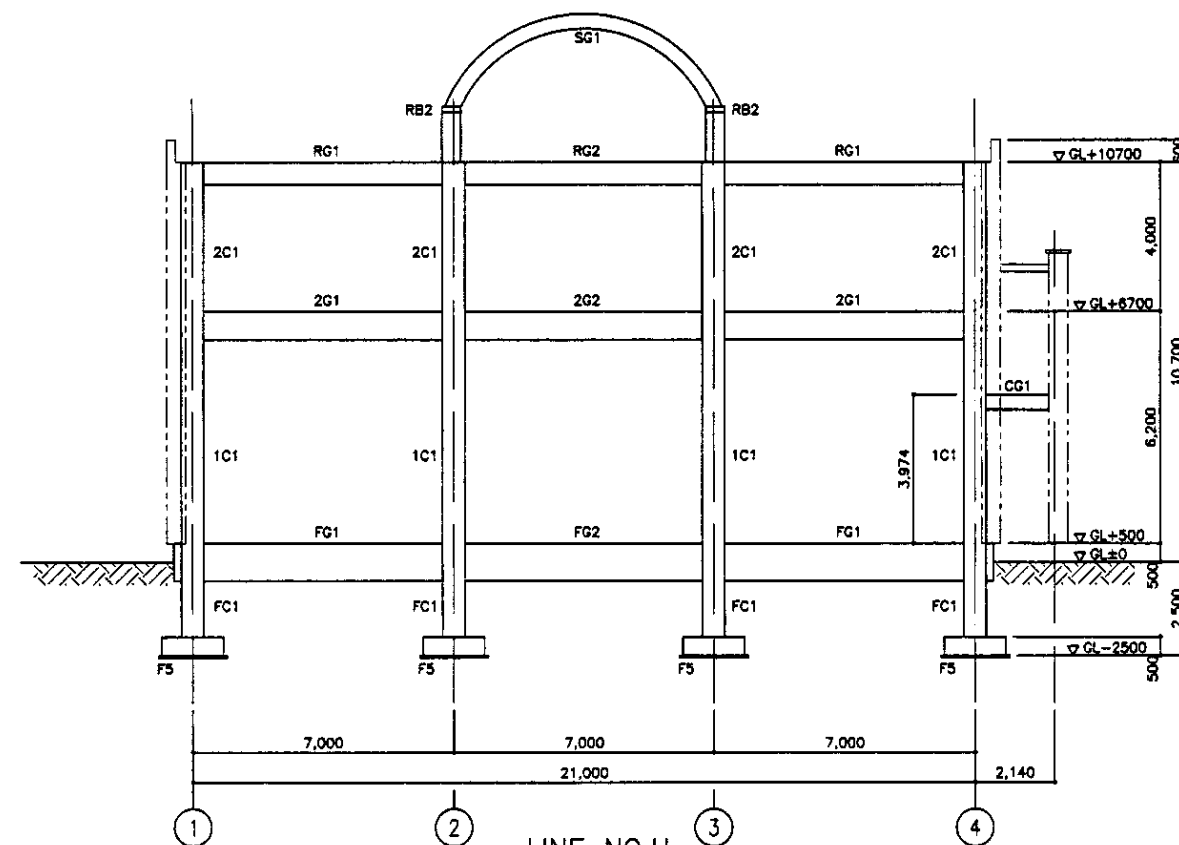
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Chief Designer	2	2		
Chief Checker	3	3		
Chief Reviewer	4	4		
Chief Approver	5	5		
Chief Designer	6	6		
Chief Checker	7	7		
Chief Reviewer	8	8		
Chief Approver	9	9		
Chief Designer	10	10		
Chief Checker	11	11		
Chief Reviewer	12	12		
Chief Approver	13	13		
Chief Designer	14	14		
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Chief Reviewer	16	16		
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Chief Checker	99	99		
Chief Reviewer	100	100		

ASTANA WATER SUPPLY AND SEWERAGE PROJECT			
ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"			
HOPPER HOUSE	Stage	Sheet	Sheets
5/10K2		2	14
2nd FLOOR, ROOF, GL+10.70 FRAMING PLAN	S25-S-02		
ПЛАН 2 ЭТАЖА, КРОВЛИ, ПЛАН КАРКАСА НА ОТМ. +10.70	SCALE 1:100		



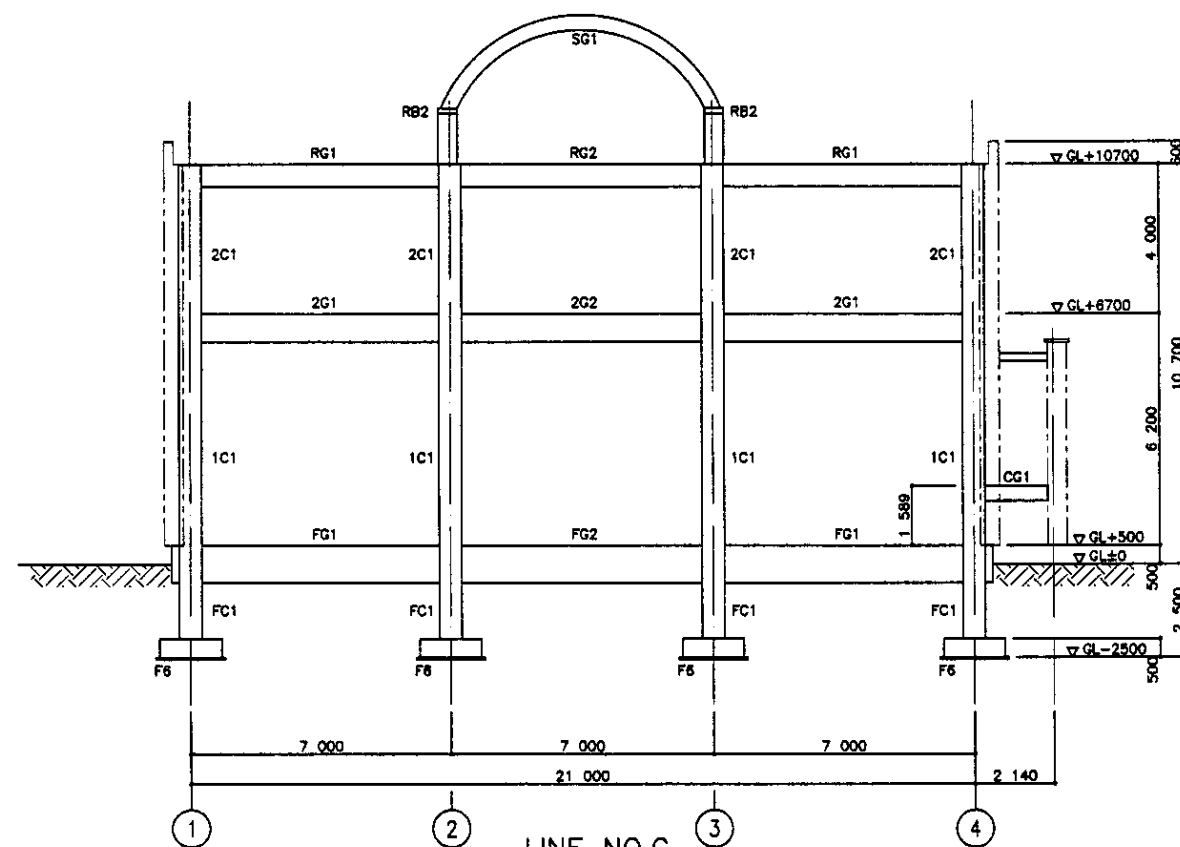
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ЛИНИЯ NO.F

SCALE 1:100



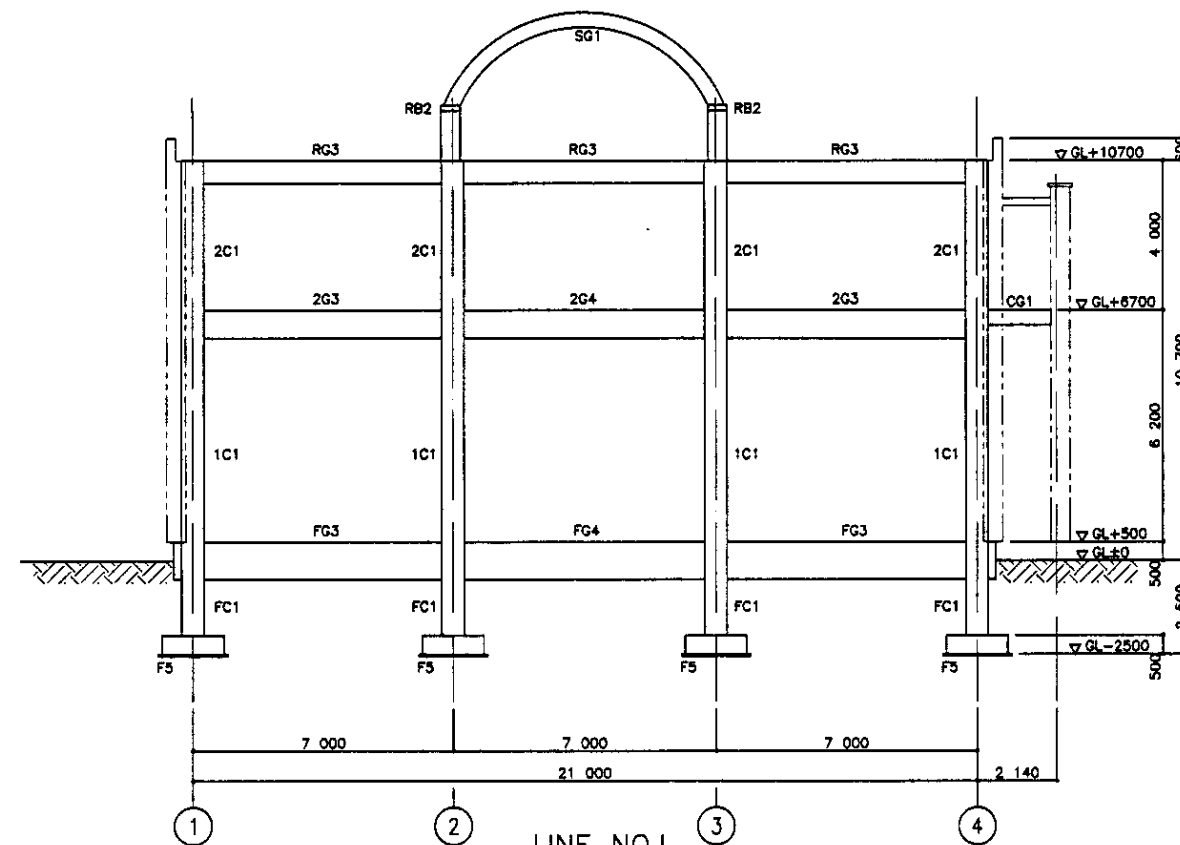
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ЛИНИЯ NO.H

SCALE 1:100










LINE NO.G
ЛИНИЯ NO.G

SCALE 1:100

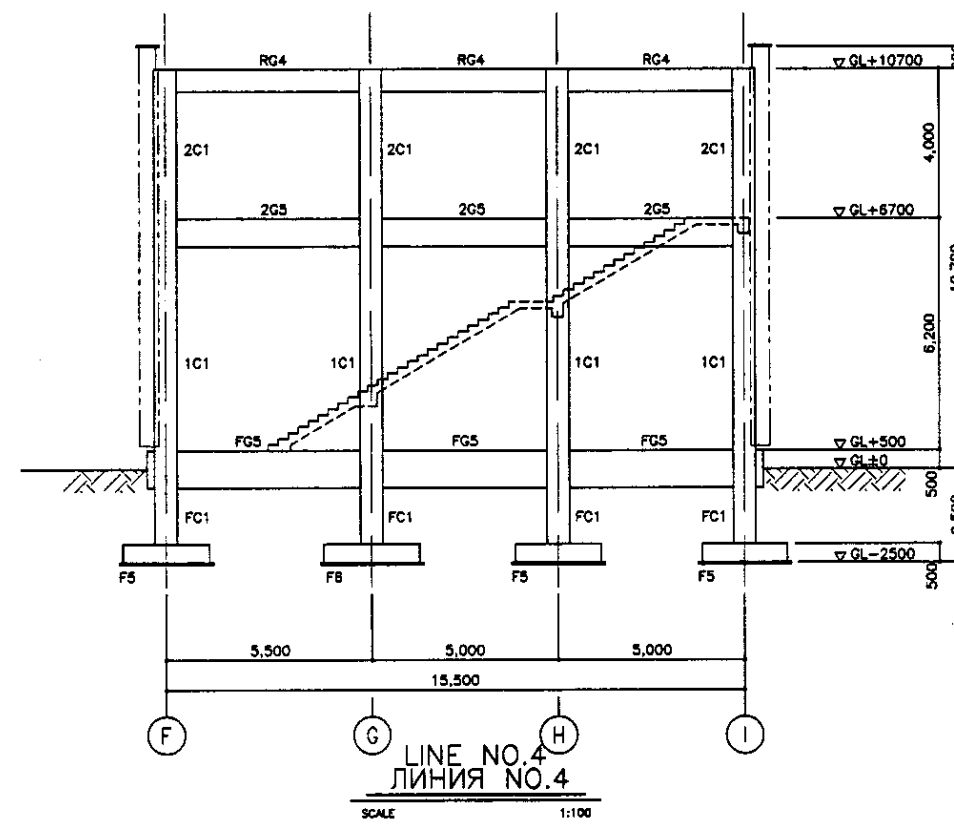
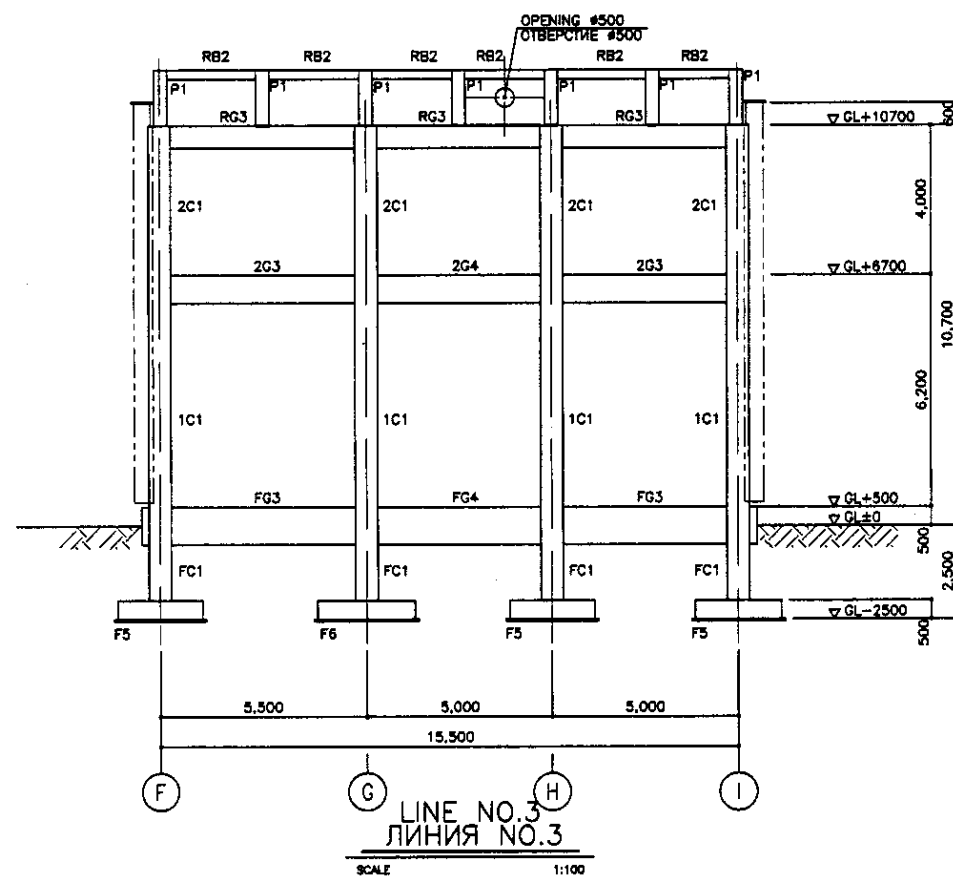
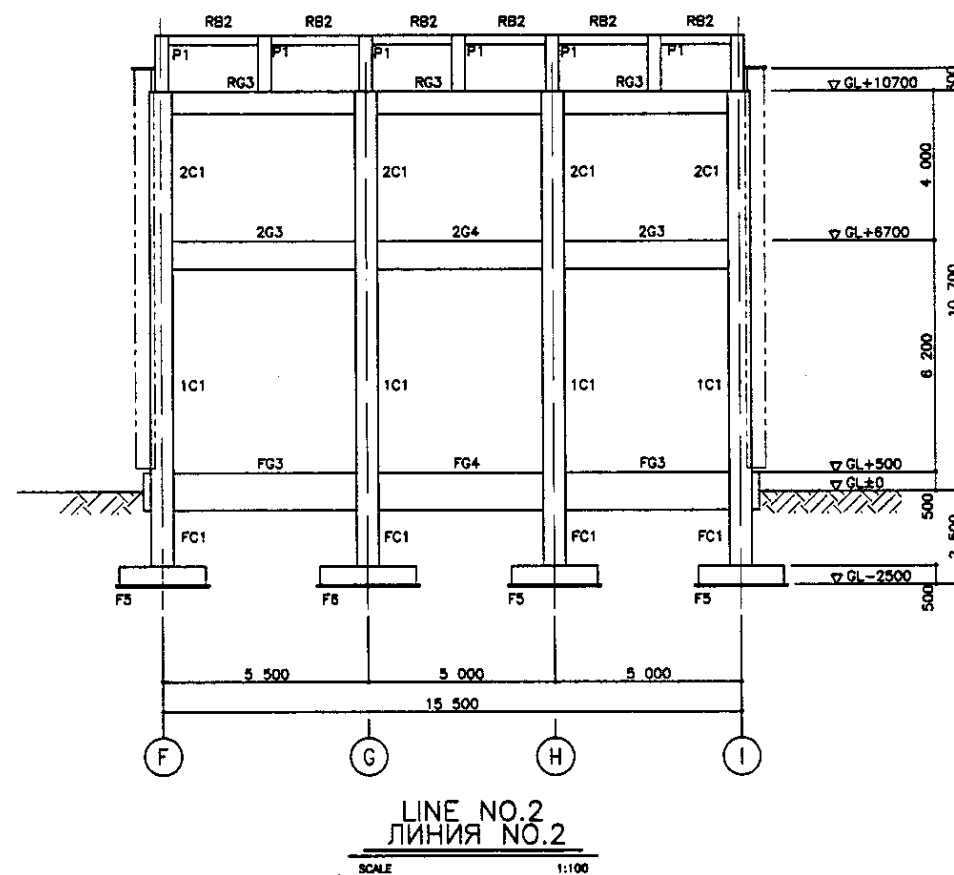
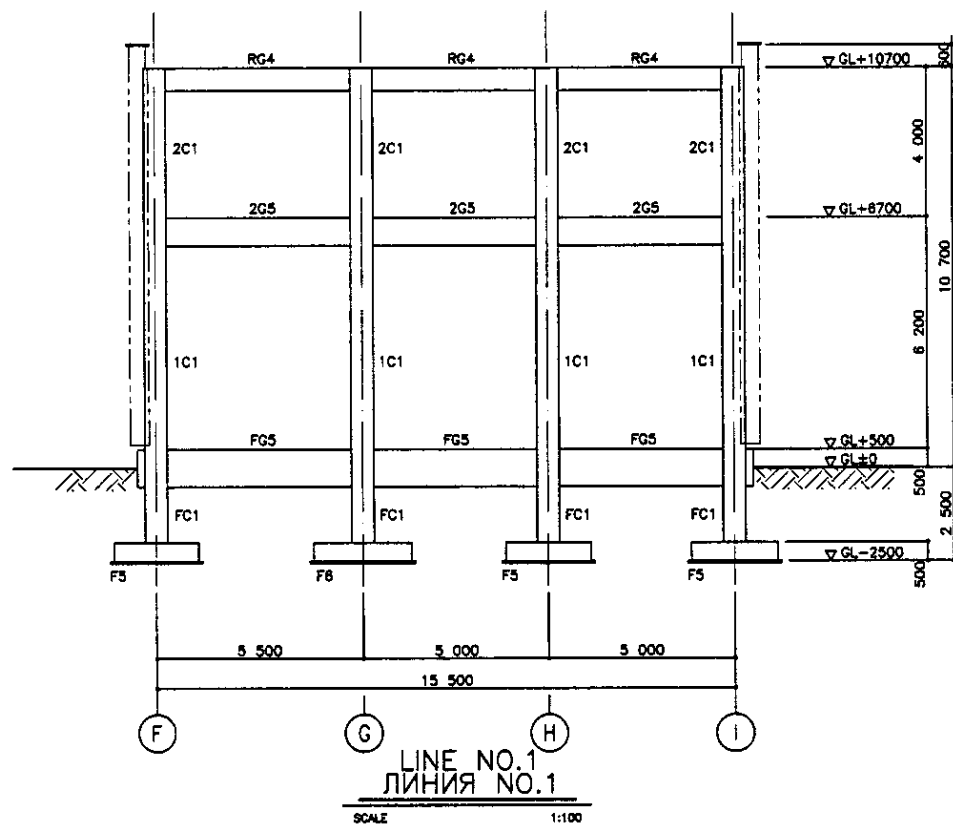


LINE NO.I
ЛИНИЯ NO.I





SCALE 1:100

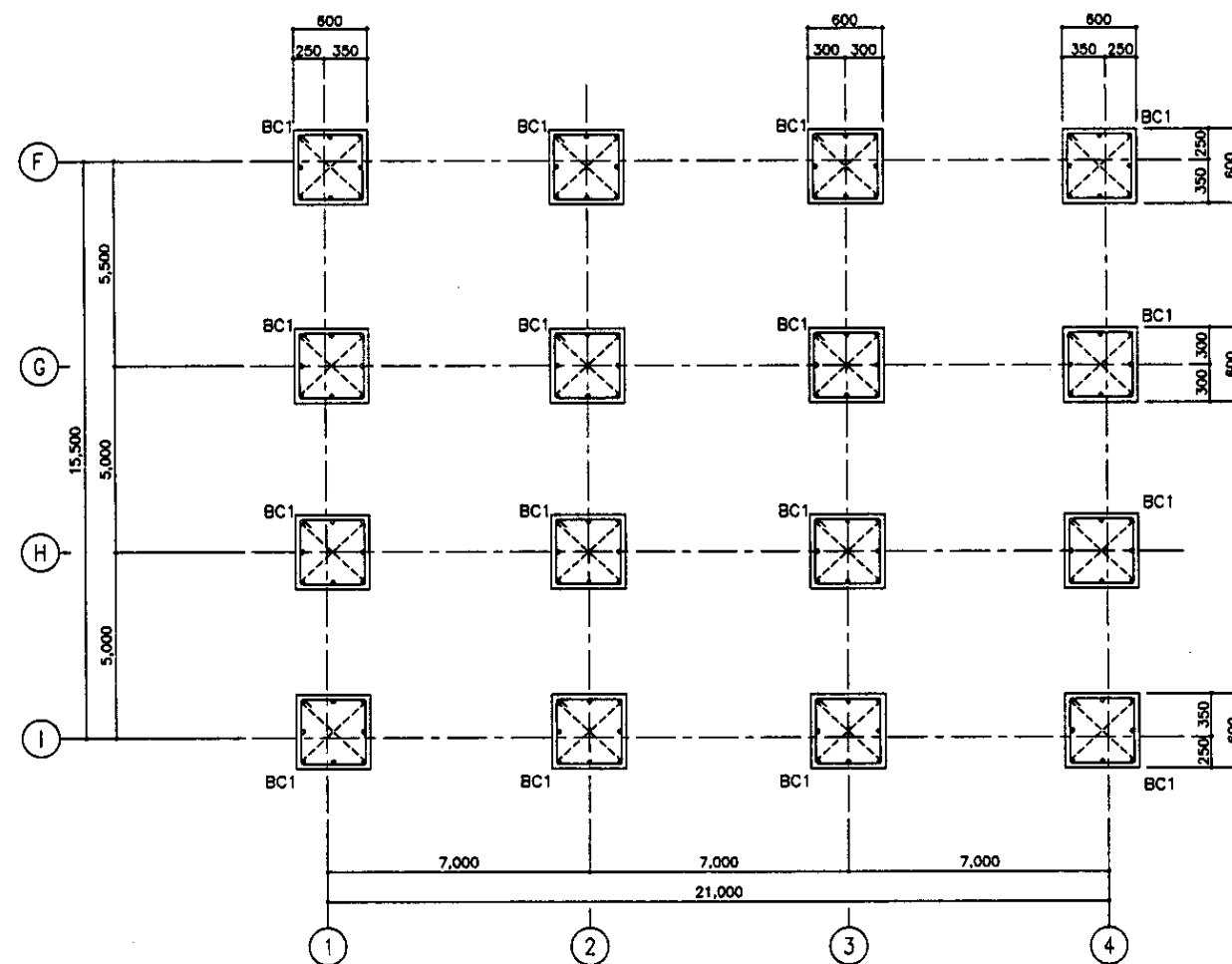
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	JAPAN INTERNATIONAL COOPERATION AGENCY							ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"				
	NJS CONSULTANTS CO., LTD. - JAPAN	Design Man	Quantity Kaz-05	Sheet Last	Doc. No. Kaz-05	Signature Kaz-05	Date		HOPPER HOUSE B/KKIP	Stage Cream	Sheet Last	Sheets 14
	NIHON SUIDO CONSULTANTS CO., LTD. - JAPAN	Chief Engineer of This Project (T/05) Deputy Sasamatsu Performer Hosomatsu Checked by Hosomatsu	M. Morimoto M. Morimoto T. Fujii T. Ogawa K. Ishikawa K. Hosomatsu	  					FRAME AXIS - 1 ОСЬ КАРКАСА - 1	S25-S-03 SCALE 1:100		

Approved/Commissioned	
Signature and Date	
Technical original	



Approved/Одобрено	
Checked/Проверено	
Designed/Проектировано	
Drawn/Нарисовано	
Reviewed/Проверено	
Supervised/Надзор	
Witnessed/Свидетельствовано	

	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ							ASTANA WATER SUPPLY AND SEWERAGE PROJECT		
								ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"		
	JAPAN INTERNATIONAL COOPERATION AGENCY	Checked/Проверено	Quantity/Количество	Sheet/Лист	Doc.No./Док.№	Signature/Подпись	Date/Дата			
		Chief Engineer/Главный инженер								
	NJS CONSULTANTS CO.,LTD.-JAPAN	Deputy Chief Engineer/Заместитель главного инженера						HOPPER HOUSE БЫКЕР		
								Stage/Этап	Sheet/Лист	Sheets/Листы
	NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN	Performer/Исполнитель						4	14	
		Checked by/Проверено						FRAME AXIS - 2 ОСЬ КАРКАСА - 2		
								S25-S-04 SCALE 1:100		





MAIN BAR 6-D22/ОСНОВНАЯ АРМАТУРА
HOOP 4-D12-@150/КОЛЫЦЕВАЯ АРМАТУРА
D.HOOP 68-@900/ДИАГОНАЛЬНАЯ АРМАТУРА

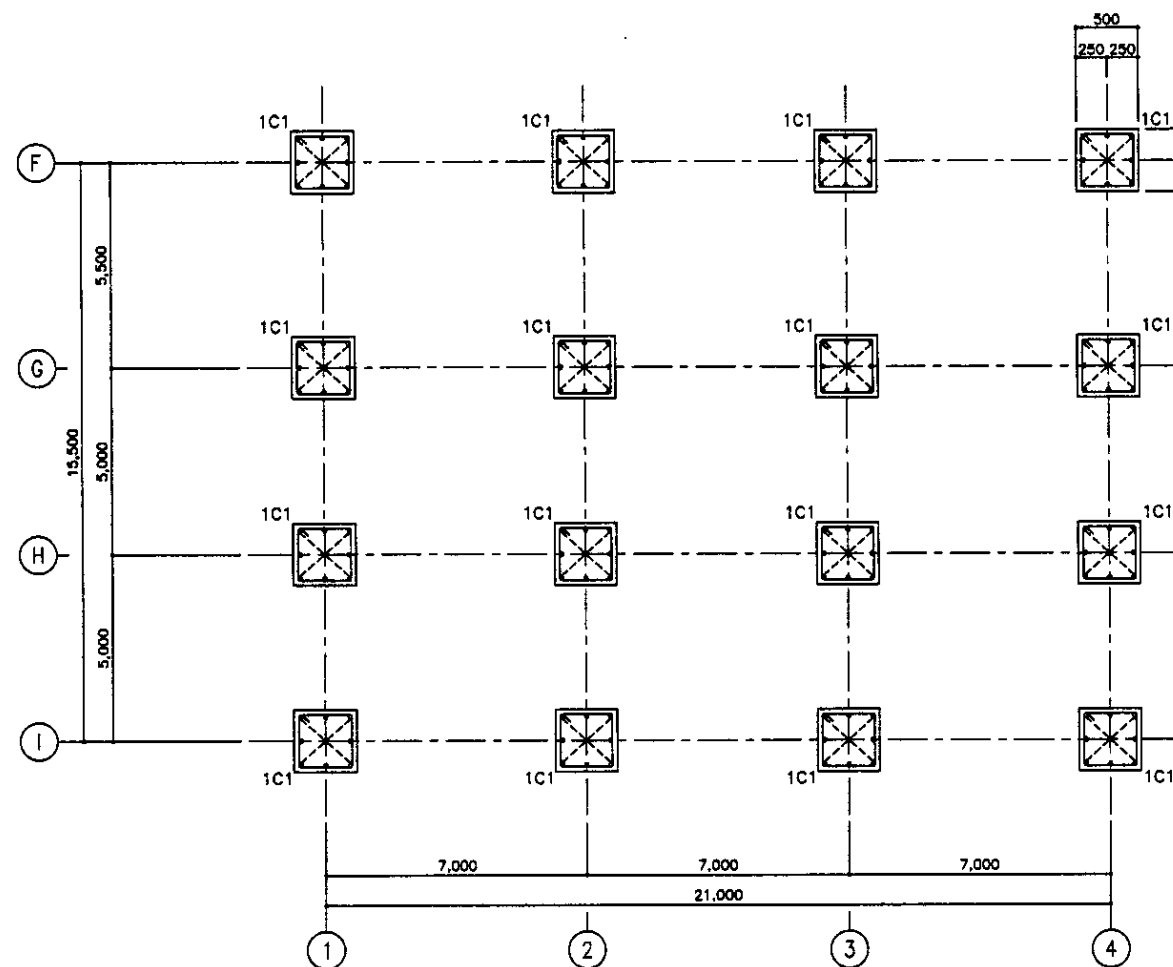
B1 FLOOR COLUMN LIST СПИСОК КОЛОНН В1 ЭТАЖА

SCALE 1:30, 1:100

* USE CONCRETE GRADE B30
ПРИМЕНЯТЬ БЕТОН В30
STEEL BAR AIII
АРМАТУРА AIII

<div><div>CRC</div><div>JICA</div><div></div><div></div></div>	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ						ASTANA WATER SUPPLY AND SEWERAGE PROJECT ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"			
	JAPAN INTERNATIONAL COOPERATION AGENCY	Checked Name	Quantity Sheet	Disc.No Disc.No	Signature Signature	Date Date				
	NJS CONSULTANTS CO.,LTD.-JAPAN	Chief Engineer Project/Title	Disc.No Disc.No	Signature Signature	Date Date		HOPPER HOUSE 5HKEP	Stage Crane	Sheet fact	Sheets Twice
	NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN	Deputy Заместитель	Disc.No Disc.No	Signature Подпись	Date Дата		B1 FLOOR COLUMN LIST СПИСОК КОЛОНН В1 ЭТАЖА		S25-S-05 SCALE 1:100, 1:30	

Checked by	Project
Quantity	Sheet
Disc.No	Disc.No
Signature	Signature
Date	Date

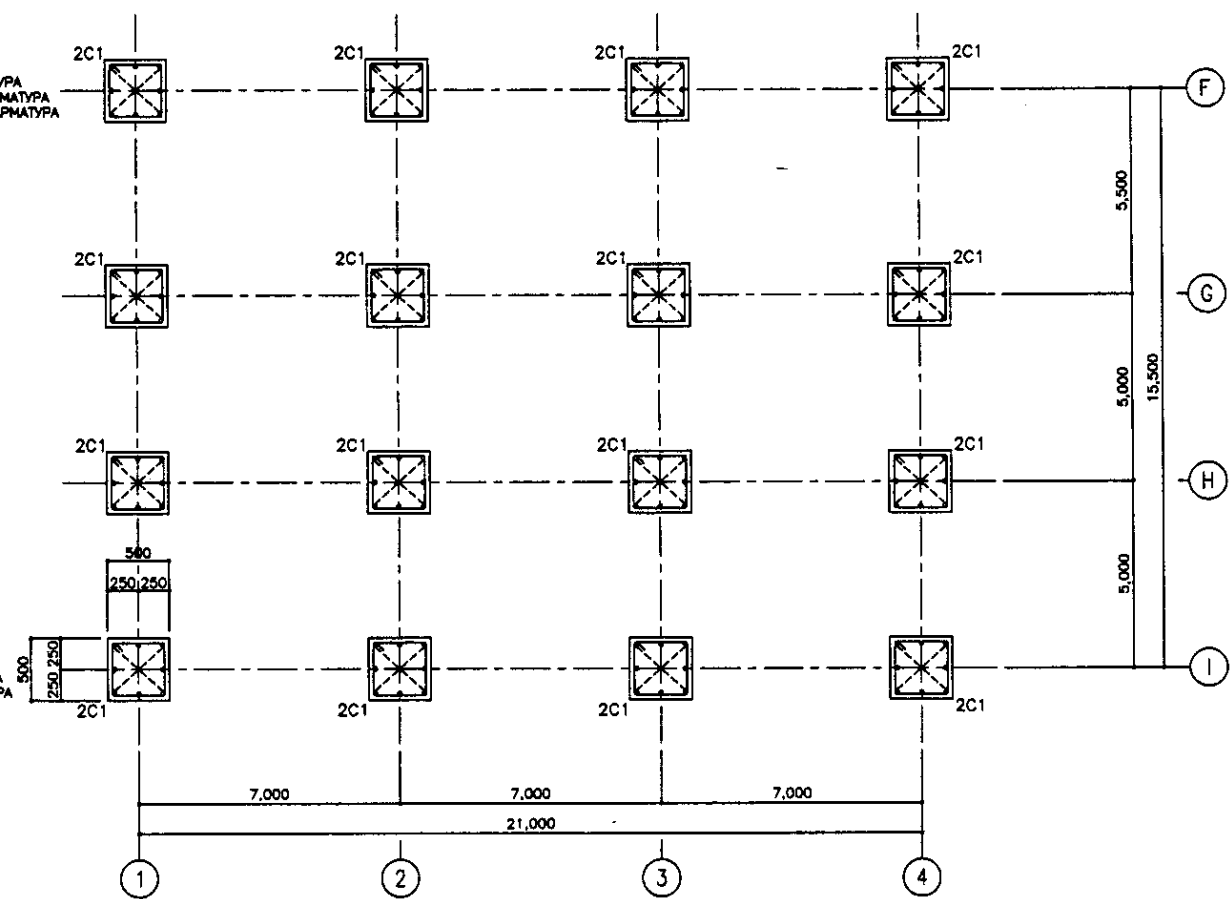


1st FLOOR COLUMN LIST
СПИСОК КОЛОНН 1 ЭТАЖА

SCALE 1:30, 1:100

MAIN BAR 8-D22/ОСНОВНАЯ АРМАТУРА
HOOP 12-D12/КОЛЬЦЕВАЯ АРМАТУРА
D.HOOP 8-D900/ДИАГОНАЛЬНАЯ АРМАТУРА




MAIN BAR 8-D18/ОСНОВНАЯ АРМАТУРА
HOOP 12-D12/КОЛЬЦЕВАЯ АРМАТУРА
D.HOOP 8-D900/ДИАГОНАЛЬНАЯ АРМАТУРА



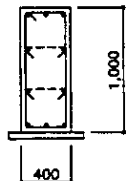
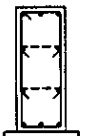
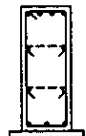
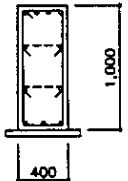
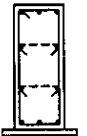
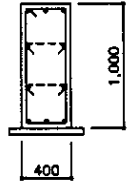
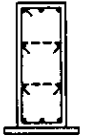
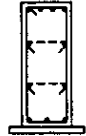
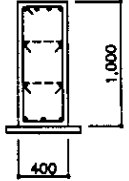
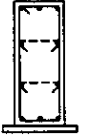
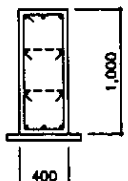
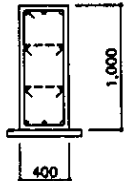
2nd FLOOR COLUMN LIST
СПИСОК КОЛОНН 2 ЭТАЖА

SCALE 1:30, 1:100

※ USE CONCRETE GRADE B30
ПРИМЕНЯТЬ БЕТОН В30
STEEL BAR AIII
АРМАТУРА AIII

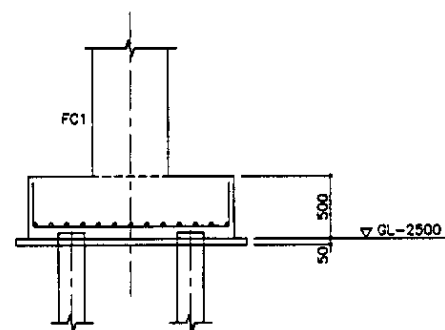
	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ						ASTANA WATER SUPPLY AND SEWERAGE PROJECT					
	JAPAN INTERNATIONAL COOPERATION AGENCY	Checked Date	Drawn Date	Sheet No.	Doc. No.	Signature	Date	ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"				
	NJS CONSULTANTS CO.,LTD.-JAPAN	Chief Engineer Mr. Tetsuo Nishino	Chief Designer Mr. Masao Masuda					HOPPER HOUSE BUNKER		Stage Number	Sheet No.	Sheet Pages
	NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN	Quantity Surveyor T. Ogawa	P. Fuji Surveyor T. Ogawa					1st, 2nd FLOOR COLUMN LIST СПИСОК КОЛОНН 1 И 2 ЭТАЖЕЙ		S25-S-06 SCALE 1:30 1:100		

GIRDER LIST S=1/30
СПИСОК РИГЕЛЕЙ S=1/30

MEMBER/ЭЛЕМЕНТ	FG1			FG2		FG3			FG4	
	OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА	OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА
1F										
TOP BAR/ВЕРХНЯЯ АРМАТУРА	3-D25	3-D25	4-D25	4-D25	3-D25	3-D25	3-D25	4-D25	4-D25	3-D25
BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D25	3-D25	3-D25	3-D25	3-D25	3-D25	3-D25	3-D25	3-D25	3-D25
STIRRUPS/Скоба	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150	□-D12-Φ150
WEB BAR/попереч. арм.	4-D10			4-D10		4-D10			4-D10	
TIE BAR/СТЯЖКА	Φ8-Φ900			Φ8-Φ900		Φ8-Φ900			Φ8-Φ900	
MEMBER/ЭЛЕМЕНТ	FG5					FB1				
	ALL SECTIONS/ВСЕ РАЗРЕЗЫ					ALL SECTIONS/ВСЕ РАЗРЕЗЫ				
1F										
TOP BAR/ВЕРХНЯЯ АРМАТУРА	3-D25					3-D25				
BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D25					3-D25				
STIRRUPS/Скоба	□-D12-Φ150					□-D12-Φ150				
WEB BAR/попереч. арм.	4-D10					4-D10				
TIE BAR/СТЯЖКА	Φ8-Φ900					Φ8-Φ900				

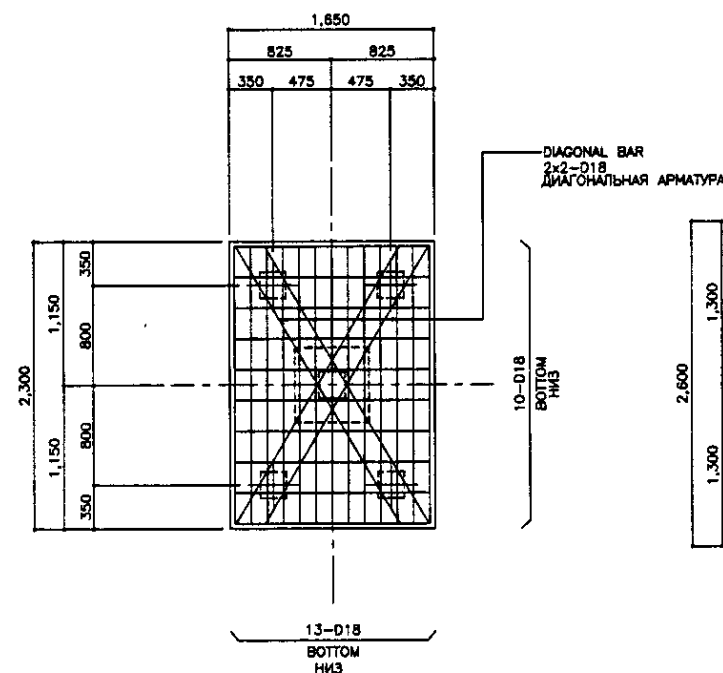
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ДЕТАЛИ ФУНДАМЕНТОВ S=1/30

TYPICAL SECTION
ТИПОВОЙ РАЗРЕЗ

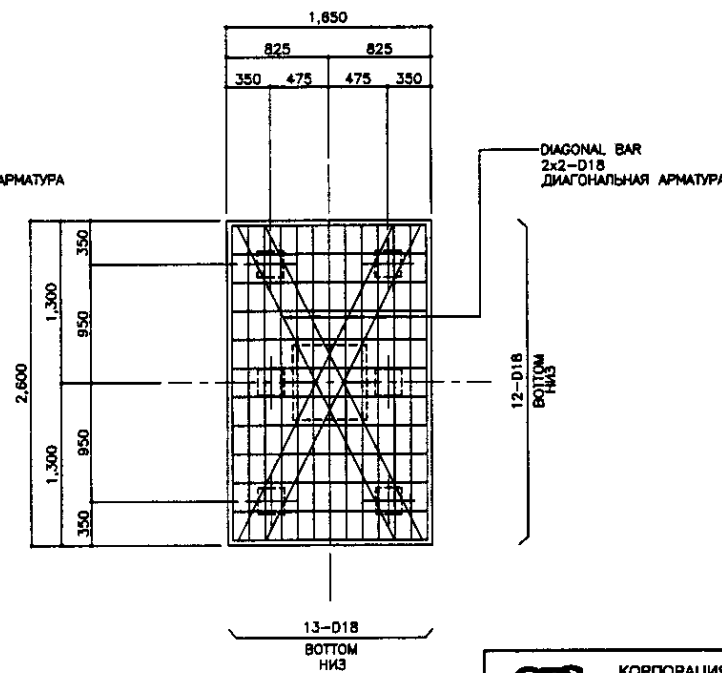


F 5, F 6

F 5



F 6






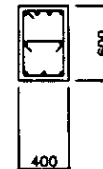


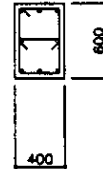
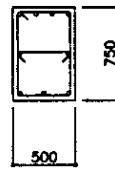

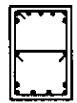
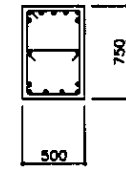
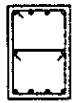

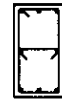

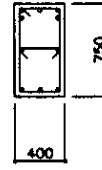

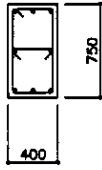
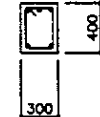
■ USE CONCRETE GRADE B30
ПРИМЕНЯТЬ БЕТОН B30
STEEL BAR AIII
АРМАТУРА AIII



КОРПОРАЦИЯ РАЗВИТИЯ
СТОЛИЦЫ
JAPAN INTERNATIONAL
COOPERATION AGENCY
NJS CONSULTANTS
CO.,LTD.-JAPAN
NIHON SUIDO CONSULTANTS
CO.,LTD.-JAPAN

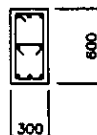
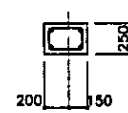

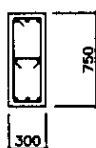
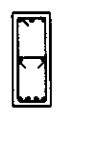
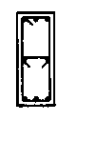
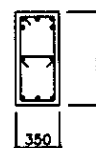
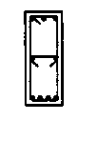
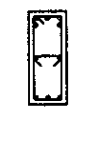
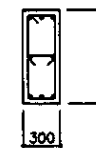
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by
Checked by	Checked by	Checked by	Checked by	Checked by	Checked by

ASTANA WATER SUPPLY AND SEWERAGE PROJECT			
ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"			
HOPPER HOUSE БЫКЕР	Stage Этап	Sheet Лист	Sheets Листов
		7	14
GIRDER LIST & FOUNDATION DETAILS СПИСОК РИГЕЛЕЙ И ДЕТАЛИ ФУНДАМЕНТОВ	S25-S-07 SCALE 1:30		

MEMBER/ЭЛЕМЕНТ	rG1			rG2			rG3			rG4		
RF	OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА			ALL SECTIONS/ВСЕ РАЗРЕЗЫ			ALL SECTIONS/ВСЕ РАЗРЕЗЫ	
												
	TOP BAR/ВЕРХНЯЯ АРМАТУРА	3-D22	3-D22	4-D22	4-D22	3-D22			3-D22			3-D22
	BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D22	4-D22	3-D22	3-D22	3-D22			3-D22			3-D22
	STIRRUPS/Сюба	□ -D10-Ø150	□ -D10-Ø150	□ -D10-Ø150	□ -D10-Ø150	□ -D10-Ø150			□ -D10-Ø150			□ -D10-Ø150
WEB BAR/попереч. арм.	2-D10			2-D10			2-D10			2-D10		
TIE BAR/СТЯЖКА	#8-Ø900			#8-Ø900			#8-Ø900			#8-Ø900		
MEMBER/ЭЛЕМЕНТ												
RF												
	TOP BAR/ВЕРХНЯЯ АРМАТУРА											
	BOTTOM BAR/НИЖНЯЯ АРМАТУРА											
STIRRUPS/Сюба												
WEB BAR/попереч. арм.												
TIE BAR/СТЯЖКА												
MEMBER/ЭЛЕМЕНТ	2G1			2G2			2G3			2G4		
2F	OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА		OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА	
												
	TOP BAR/ВЕРХНЯЯ АРМАТУРА	4-D25	3-D25	7-D25	7-D25	4-D25		3-D25	3-D25	5-D25	5-D25	3-D25
	BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D25	4-D25	6-D25	6-D25	4-D25		3-D25	3-D25	3-D25	3-D25	3-D25
	STIRRUPS/Сюба	□ -D12-Ø100	□ -D12-Ø150	□ -D12-Ø100	□ -D12-Ø100	□ -D12-Ø150		□ -D10-Ø100	□ -D10-Ø150	□ -D10-Ø100	□ -D10-Ø100	□ -D10-Ø150
WEB BAR/попереч. арм.	2-D10			2-D10			2-D10			2-D10		
TIE BAR/СТЯЖКА	#8-Ø900			#8-Ø900			#8-Ø900			#8-Ø900		
MEMBER/ЭЛЕМЕНТ	2G5						CG1					
2F	ALL SECTIONS/ВСЕ РАЗРЕЗЫ						ALL SECTIONS/ВСЕ РАЗРЕЗЫ					
												
	TOP BAR/ВЕРХНЯЯ АРМАТУРА	3-D25						3-D18				
	BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D25						2-D18				
STIRRUPS/Сюба	□ -D10-Ø100						□ -D10-Ø100					
WEB BAR/попереч. арм.	2-D10						-					
TIE BAR/СТЯЖКА	#8-Ø900						-					

* USE CONCRETE GRADE B30
ПРИМЕНЯТЬ БЕТОН В30
STEEL BAR AIII
ARMATURE AIII

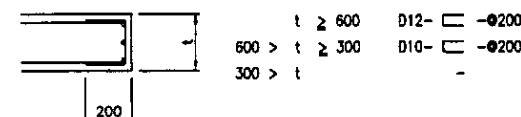
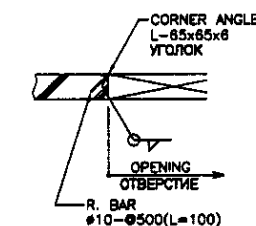
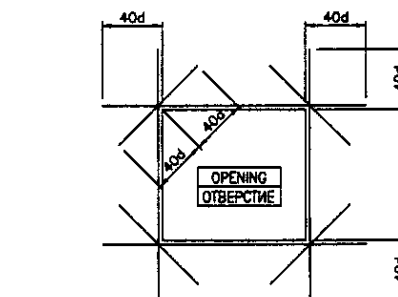
BEAM LIST S=1/30
СПИСОК ПЛИТ S=1/30

MEMBER/ЭЛЕМЕНТ	rB1			rB2			SG1		
	ALL SECTIONS/ВСЕ РАЗРЕЗЫ			ALL SECTIONS/ВСЕ РАЗРЕЗЫ			ALL SECTIONS/ВСЕ РАЗРЕЗЫ		
RF							 BUILT UP H-125x220x6x9 REFER ARCHITECTS DETAIL. ВСТРОЕННАЯ H-125x220x6x9 СМ. АРХИТЕКТУРНЫЕ ДЕТАЛИ.		
TOP BAR/ВЕРХНЯЯ АРМАТУРА		3-D22			2-D16			-	
BOTTOM BAR/НИЖНЯЯ АРМАТУРА		3-D22			2-D16			-	
STIRRUPS/Скоба		□-D10-@150			□-D10-@150			-	
WEB BAR/попереч. арм.		2-D10			-			-	
TIE BAR/СТЯЖКА		#8-@900			#8-@900			-	
MEMBER/ЭЛЕМЕНТ	2B1			2B2			2B3		
	OUT-END/ВНЕШ. КОНЕЦ	MIDDLE/СЕРЕДИНА	IN-END/ВНУТР. КОНЕЦ	END/КОНЕЦ	MIDDLE/СЕРЕДИНА	END/КОНЕЦ	ALL SECTIONS/ВСЕ РАЗРЕЗЫ		
2F									
TOP BAR/ВЕРХНЯЯ АРМАТУРА	3-D22	3-D22	3-D22	5-D22	3-D22	5-D22		3-D22	
BOTTOM BAR/НИЖНЯЯ АРМАТУРА	3-D22	4-D22	3-D22	3-D22	4-D22	3-D22		3-D22	
STIRRUPS/Скоба	□-D12-@150	□-D12-@150	□-D12-@150	□-D12-@150	□-D12-@150	□-D12-@150		□-D12-@150	
WEB BAR/попереч. арм.					2-D10			2-D10	
TIE BAR/СТЯЖКА		#8-@900			#8-@900			#8-@900	


SLAB LIST S=1/30

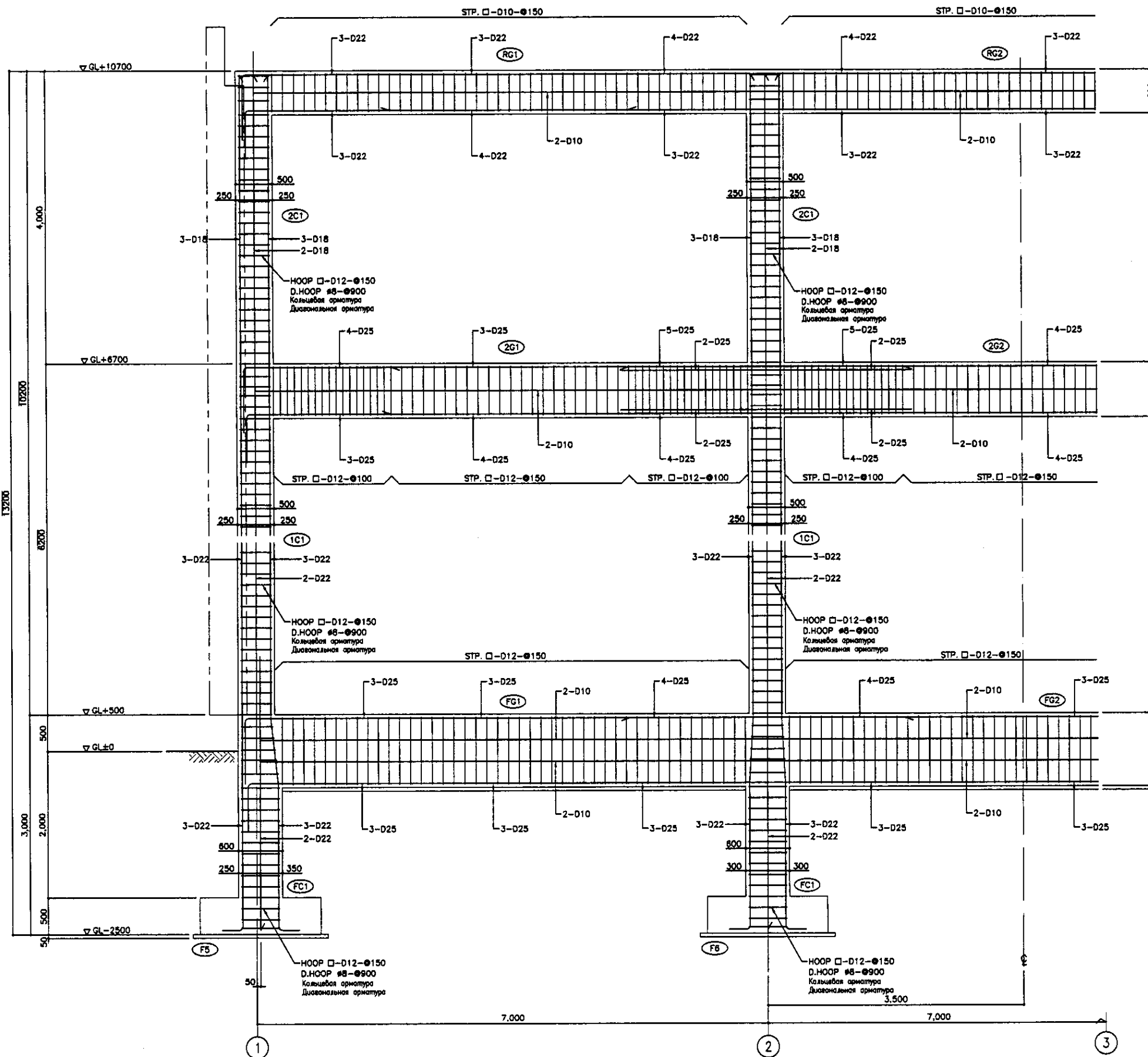
MEMBER/ЭЛЕМЕНТ	THICKNESS/ТОЛЩИНА		TRANSVERSAL DIRECTION/ПОПЕРЕЧНОЕ НАПРАВЛЕНИЕ	LONGITUDINAL DIRECTION/ПРОДОЛЬНОЕ НАПРАВЛЕНИЕ	OPENING REINFORCEMENT BAR/АРМИРОВАНИЕ ОТВЕРСТИЯ	DIAGONAL BAR DIA./ДИАГ. АРМАТУРА	REMARKS/ПРИМЕЧАНИЕ
RS1	150	TOP BAR	D8-@200	D8-@250	-	-	
		BOT BAR	D8-@200	D8-@250	-	-	
2S1	180	TOP BAR	D10-@200	D10-@250	-	-	
		BOT BAR	D10-@200	D10-@250	-	-	
2S2	180	TOP BAR	D10-@200	D10-@250	-	-	
		BOT BAR	D10-@200	D10-@250	-	-	
1S1	200	TOP BAR	D12-@150	D12-@250	4-D12	4-D12	
		BOT BAR	D12-@150	D12-@250	4-D12	4-D12	

DRAWING LIST OF THE OPENING REINFORCEMENT
ПЕРЕЧЕНЬ ЧЕРТЕЖЕЙ АРМИРОВАНИЯ ОТВЕРСТИЙ



※ USE CONCRETE GRADE B30
ПРИМЕНЯТЬ БЕТОН B30
STEEL BAR AIII
АРМАТУРА AIII

	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ					ASTANA WATER SUPPLY AND SEWERAGE PROJECT			
	JAPAN INTERNATIONAL COOPERATION AGENCY	Design/Quantity Drawn/Checked Rev. Engineer Checked by	Sheet No. 14 Dec. No. 14 Date 14	Signature Date 14	ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"				
	NJS CONSULTANTS CO.,LTD.-JAPAN	Chief Engineer Project Manager	1. Fujikawa 2. Ishikawa 3. Yamashita	1. Fujikawa 2. Ishikawa 3. Yamashita	HOPPER HOUSE BANKET	Stage Crossed	Sheet 9	Sheets 14	
	NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN	Performer Checked by	1. Fujikawa 2. Ishikawa 3. Yamashita	1. Fujikawa 2. Ishikawa 3. Yamashita	BEAM, SLAB LIST & DETAILS ПЕРЕЧЕНЬ БАРОК, ПЛИТ И ДЕТАЛИ	S25-S-09 SCALE 1:30			



LINE NO.G
ЛИНИЯ NO.G

SCALE 1:30

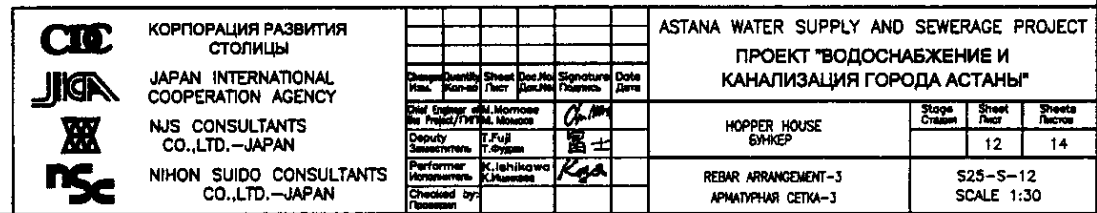


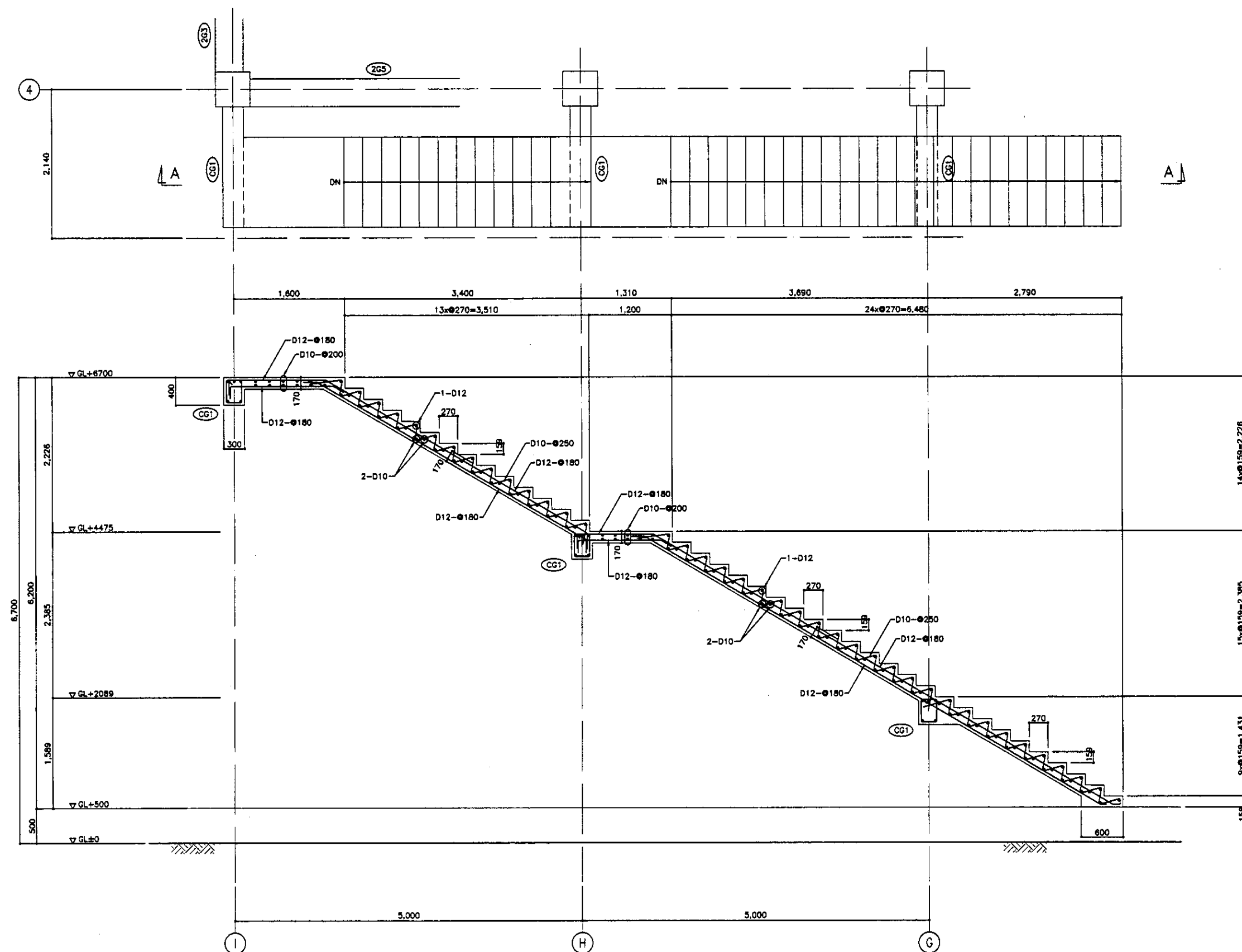
КОРПОРАЦИЯ РАЗВИТИЯ
СТОЛИЦЫ
JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY
NJS CONSULTANTS
CO., LTD. - JAPAN
NIHON SUIDO CONSULTANTS
CO., LTD. - JAPAN

Design	Check	Sheet	Doc. No.	Signature	Date
Chief Engineer	Chief Engineer	10	10	[Signature]	[Date]
Deputy	Deputy	11	11	[Signature]	[Date]
Performer	Performer	12	12	[Signature]	[Date]
Checked by	Checked by	13	13	[Signature]	[Date]

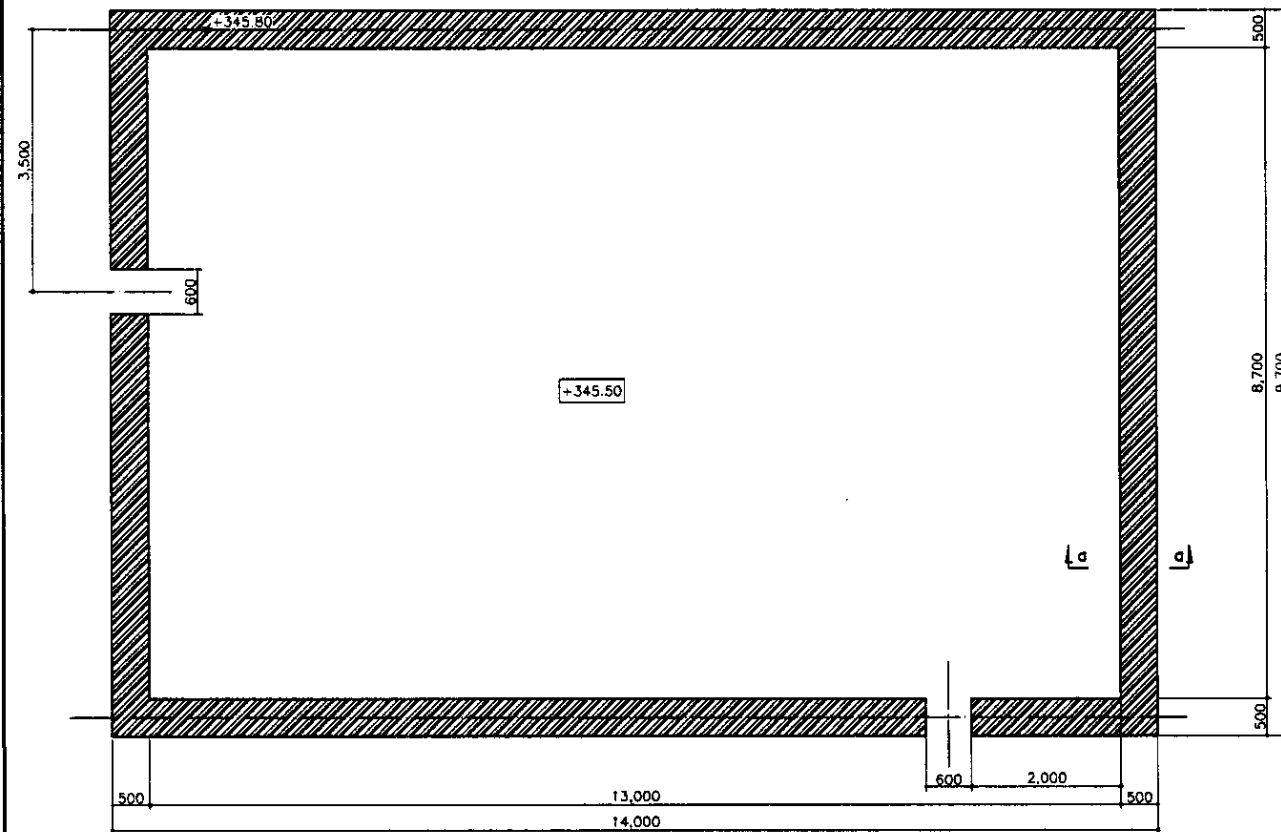
ASTANA WATER SUPPLY AND SEWERAGE PROJECT			
ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"			
HOPPER HOUSE БУНД	Stage Станция	Sheet Лист	Sheets Листы
REBAR ARRANGEMENT-1 АРМАТУРА СЕТКА-1		10	14
		S25-S-10	SCALE 1:30

Approved/Checked	
Reviewed of Detail	
Signature and Date	
Use No. of original	





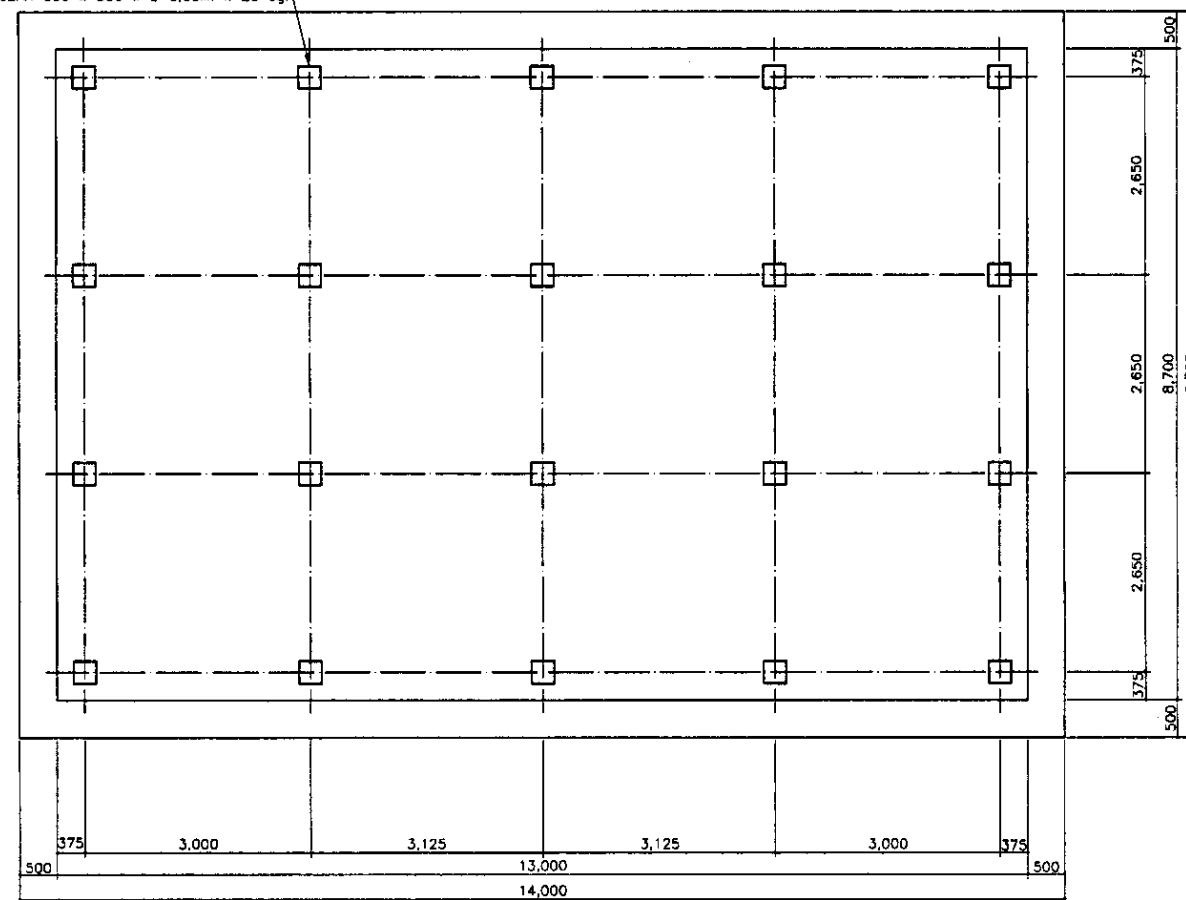
<div>CIC</div> <div>JICA</div> <div>NJS</div> <div>NSC</div>	КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ								ASTANA WATER SUPPLY AND SEWERAGE PROJECT			
	JAPAN INTERNATIONAL COOPERATION AGENCY	Design Drawn Thick	Quantity Survey	Sheet No.	Doc. No. Rev. No.	Signature Name	Date		ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"			
	NJS CONSULTANTS CO.,LTD.—JAPAN	Chief Engineer Project / T. H. M.	M. Morozov			<i>KL</i>			HOPPER HOUSE SHAKE?	Stage Crossing	Sheet No.	Sheet Total
	NIHON SUIDO CONSULTANTS CO.,LTD.—JAPAN	Deputy Engineer T. Fujita	T. Fujita			<i>NS</i>					13	14
		Perform Work	K. Ishikawa K. Masumoto			<i>Rga</i>			REBAR ARRANGEMENT-4 АРАМАТИЗАЦИЯ ЦЕТКА-4		525-S-13 SCALE 1:30	
	Checked by Project											



FOUNDATION PLAN
ПЛАН ФУНДАМЕНТА

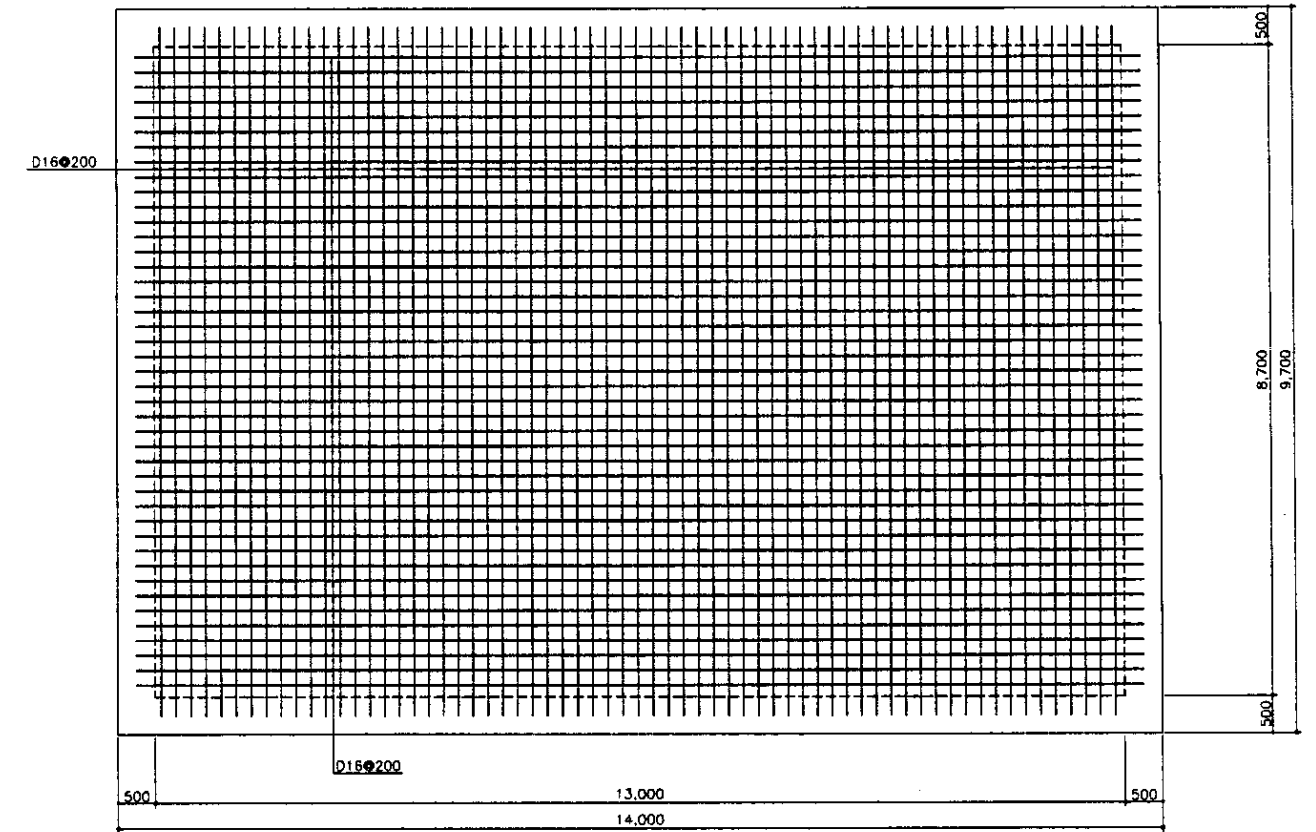
RC PILE 300 x 300 x L=8.05m x 20 units
Ж/Б СВЯЯ 300 x 300 x L=8,05м. x 20 ед.

SCALE 1:50



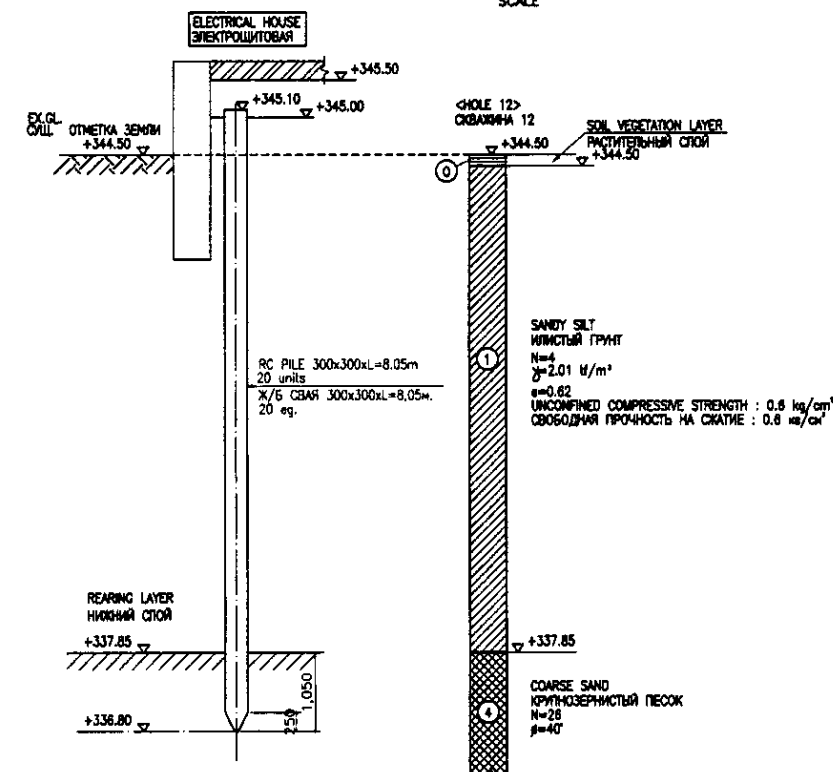
PILE ARRANGEMENT
СВАЙНОЕ ПОЛЕ

SCALE 1:50



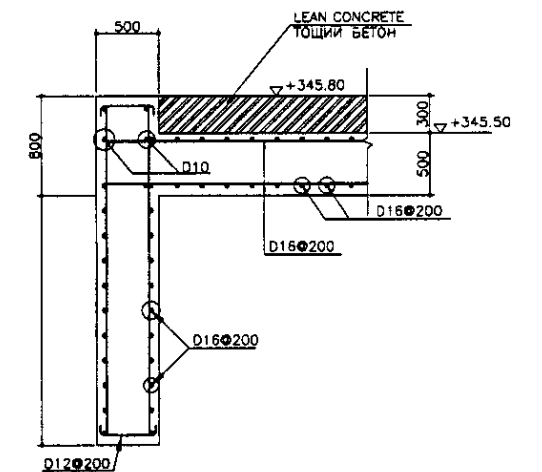
R/F FOUNDATION PLAN
ПЛАН АРМИРОВАНИЯ ФУНДАМЕНТА

SCALE 1:50



PILE SECTION
РАЗРЕЗ СВАИ

SCALE 1:50



SECTION a-a
РАЗРЕЗ a-a

SCALE 1:30

	<p>КОРПОРАЦИЯ РАЗВИТИЯ СТОЛИЦЫ</p> <p>JAPAN INTERNATIONAL COOPERATION AGENCY</p> <p>NJS CONSULTANTS CO.,LTD.-JAPAN</p> <p>NIHON SUIDO CONSULTANTS CO.,LTD.-JAPAN</p>	<p>ASTANA WATER SUPPLY AND SEWERAGE PROJECT</p> <p>ПРОЕКТ "ВОДОСНАБЖЕНИЕ И КАНАЛИЗАЦИЯ ГОРОДА АСТАНЫ"</p>	ELECTRICAL HOUSE ЭЛЕКТРОЩИТОВАЯ			PILE & REBAR ARRANGEMENT АРМАТУРНАЯ СЕТКА		
			Stage	Sheet	Sheets	Stage	Sheet	Sheets
			1	1	1	1	1	1
			S28-S-01			SCALE 1:50, 1:30		