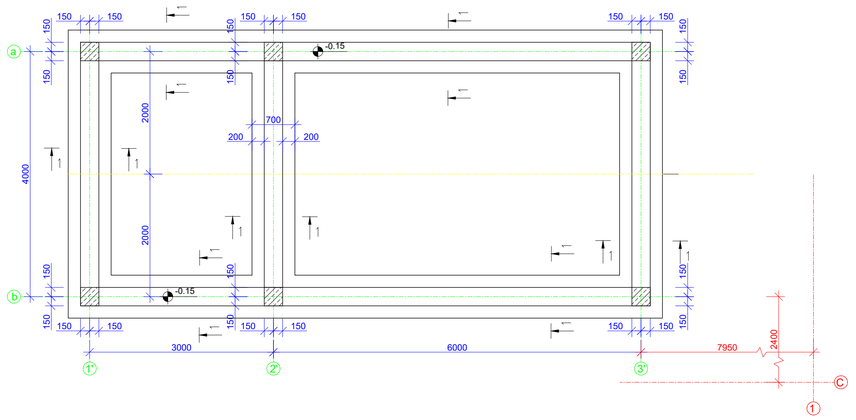
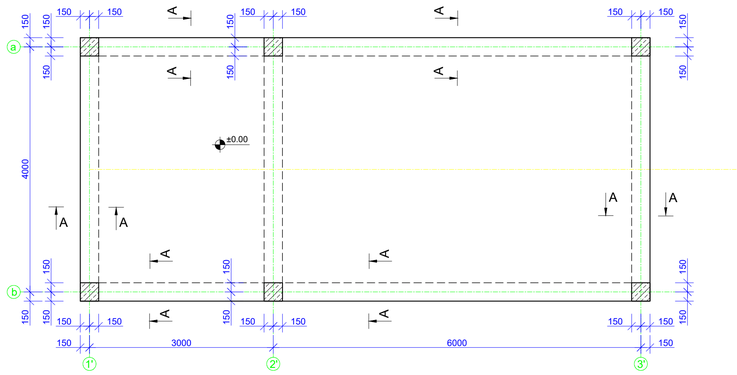
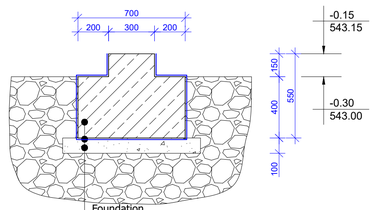
Foundation plan on the level -0.15 s.1:50



Plan on the level ±0.00 s.1:50

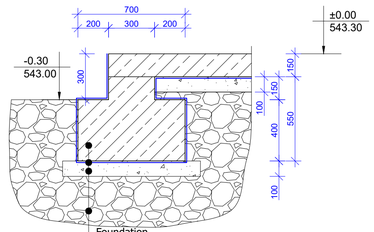


Section 1-1 S.1:20



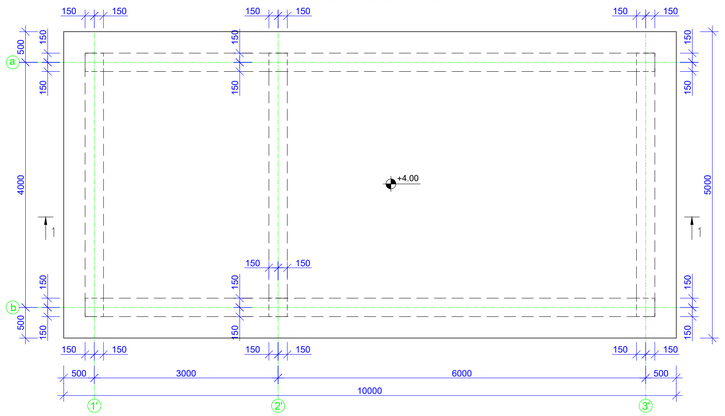
Foundation
Waterproofing
Lean concrete C8/10 (100mm)
Pillow of gravel (800-1000mm)

Section A-A S.1:20

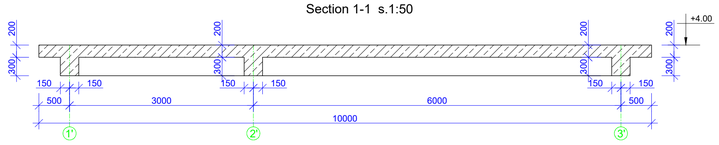


Foundation
Waterproofing
Lean concrete C8/10 (100mm)
Pillow of gravel (800-1000mm)

Plan on the level +4.00 s.1:50



Section 1-1 s.1:50



1. Excavation process occurs in two stages: at I stage doing removal of soil to the level of the design mark; and stage II - arrangement pillow of gravel. (Thickness pillow of gravel 80-:-100 centimeter; wide spread sand-gravel mixture, grainsize 0-65 mm, clay content <10%)
2. The drawing should be considered with reinforcement of foundation.
3. During the arrangement of the gravel pillow, compaction of gravel made layer-by-layer by vibration (thickness of compacted layer is taken equal to 15-20 centimeters) until the compression ratio ky>0.97.
4. After compaction of gravel arrange preparing of lean concrete C8/10 which thickness is equal to 10 centimeters.
5. The drawing should be considered with topographical plan.
6. Volume of removable soil V~40 m^3 (in the volume excluded coefficient of loosening of appropriate soil);
7. The volume of backfill gravel V~ 35 m^3 (in the volume excluded coefficient of loosening of appropriate soil);
8. Construction work must be performed in accordance with "On production and organization of the project." Works should be with strict compliance requirements - СНиП III–4–80* Техника безопасности в строительстве, СНиП 3.03.01-87 НЕСУЩИЕ И ОГРАЖДАЮЩИЕ КОНСТРУКЦИИ.

± 0.000 (+543.30)
Concrete : C25/30; W4; F150;
Rebar: A500C ГОСТ 52544-2006

ORIGINAL 100mm

Index	Modification	Date	Revised by	Date	Approved by
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1	First issue	2016.09.11	...	...	...

Kaspi Cement Plant
Parnavazi Str. 2
2600 Kaspi, Georgia

HEIDELBERGCEMENT GEORGIA

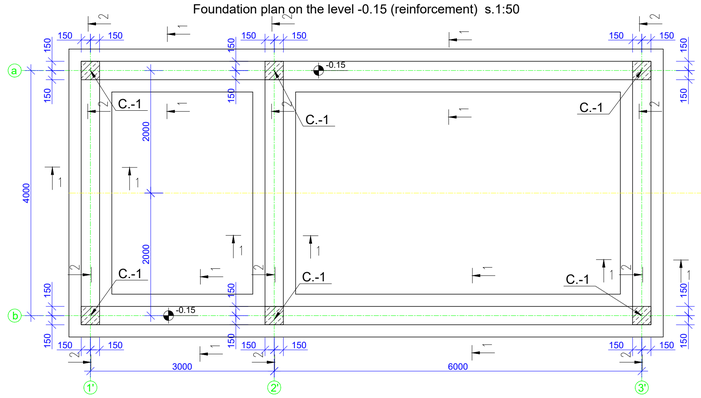
HEIDELBERG TECHNOLOGY CENTER
HEIDELBERGCEMENTGroup

Approved by:

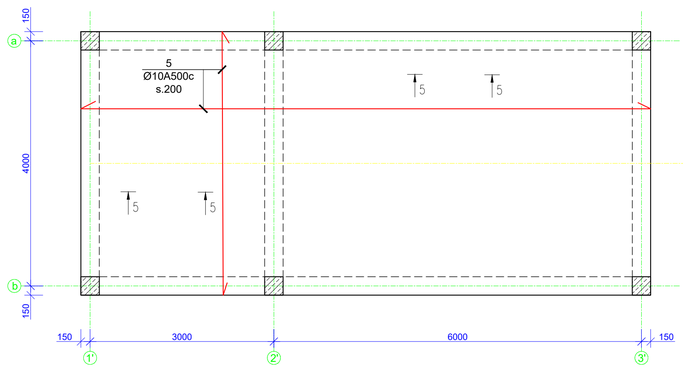
PLANT :KASPI, GEORGIEN PROJECT NO.: GEO 15 SAQ P2996 PROJECT NAME: Clinker bulk loading System
AREA :20
TITLE : Foundation plan on the level -0.15; Plan on the level ±0.00; Plan on the level +4.00 Section 1-1; 2-2; 3-3; A-A; /Limestone crusher and transportation
SCALE: 1:50; 1:20; 1:5
SIZE: DIN A1
D2_KT03_ER_C_FW_001_01
Designing system-consecutive number_Type of drawing-consecutive number_revision index
PAGE: 1/1

HTC-AUTOCAD-DOCUMENT

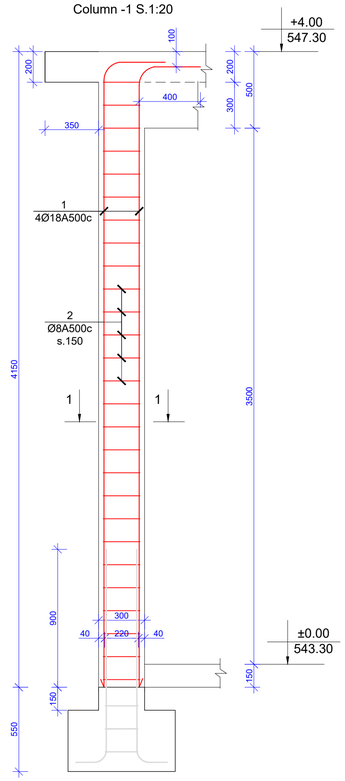
Foundation plan on the level -0.15 (reinforcement) s.1:50



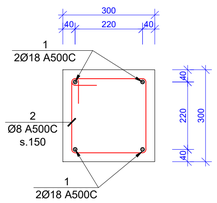
Plan on the level ±0.00 and +1.30 (reinforcement) s.1:50



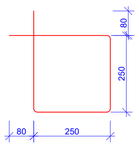
Column -1 S.1:20



Section 1-1 (C-1) S.1:10

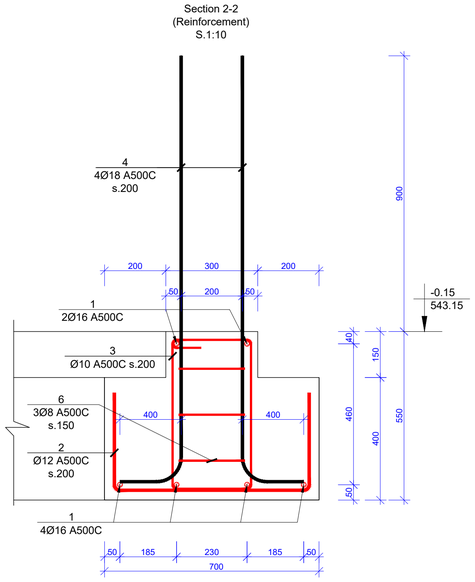


Pos.2 (C-1) S.1:10

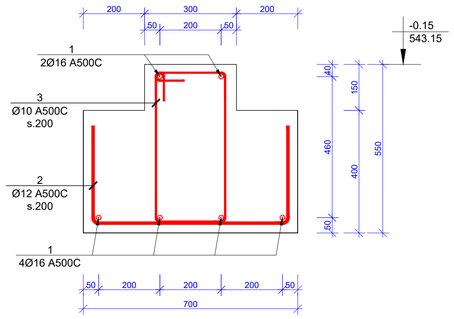


List of materials (Electrical room)											
	Pos. #	Diameter and class D mm	Length L mm	Quantity n	Length Lxn m	Weight q kg	Concrete C25/30 m³ F150	quantity N	Weight qxN kg	Concrete C25/30 m³ F150
Column-1	1	Ø 18 A500c	4450	4	17.8	35.6	0.35	6	213.3	2.11
	2	Ø 8 A500c	1160	27	31.3	12.4			74.1	
					total q=	47.9	0.35	total q=	287.5	2.11

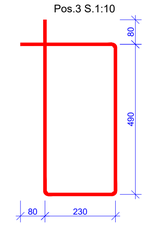
Section 2-2 (Reinforcement) S.1:10



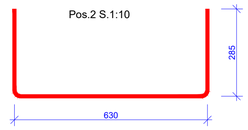
Section 1-1 (Reinforcement) S.1:10



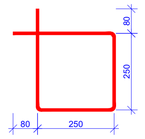
Pos.3 S.1:10



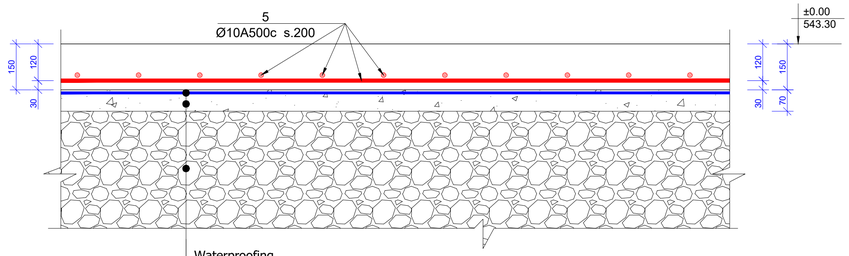
Pos.2 S.1:10



Pos.6 S.1:10



Section 5-5 S.1:10



List of materials (Electrical room)											
	Pos. #	Diameter and class D mm	Length L mm	Quantity n	Length Lxn m	Weight q kg	Concrete C8/10 m³	Concrete C25/30 m³ W4; F150	quantity N	Weight qxN kg	Concrete C8/10 m³	Concrete C25/30 m³ W4; F150
Foundation on the level -0.15 and Slab on the level 0.00	1	Ø 16 A500c	221100	1	221.1	349.0	4.9	15.5	1	349.0	4.9	15.5
	2	Ø 12 A500c	1200	168	201.6	179.0				179.0		
	3	Ø 10 A500c	1600	168	268.8	165.7				165.7		
	4	Ø 18 A500c	1800	24	43.2	86.3				86.3		
	5	Ø 10 A500c	412500	1	412.5	254.3				254.3		
	6	Ø 8 A500c	1160	18	20.9	8.2				8.2		
					total q=	1042.5	4.9	15.5	total q=	1042.5	4.9	15.5

± 0.000 (+543.30)
Concrete : C25/30; W4; F150;
Rebar: A500C ГОСТ 52544-2006

ORIGINAL 100mm

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3					
2					
1	First issue	2016.09.11			

Kaspi Cement Plant
Parnavazi Str. 2
2600 Kaspi, Georgia

HEIDELBERGCEMENT GEORGIA

HEIDELBERG TECHNOLOGY CENTER
HEIDELBERGCEMENTGroup

Approved by:

PLANT :KASPI, GEORGIEN PROJECT NO.: PROJECT NAME: Clinker Bulk loading System
AREA :20
TITLE : Foundation plan on the level -0.15 (reinforcement); Plan on the level ±0.00 (reinforcement); Secton 1-1-:-5-5; column-1; List of materials; /Limestone crusher and transportation

SCALE: 1:10; 1:20; 1:50
SIZE: DIN A1
D2_KT03_ER_C_RW_001_01
Discipline_system+consecutive number_Plate_type of drawing_consecutive number_revision index
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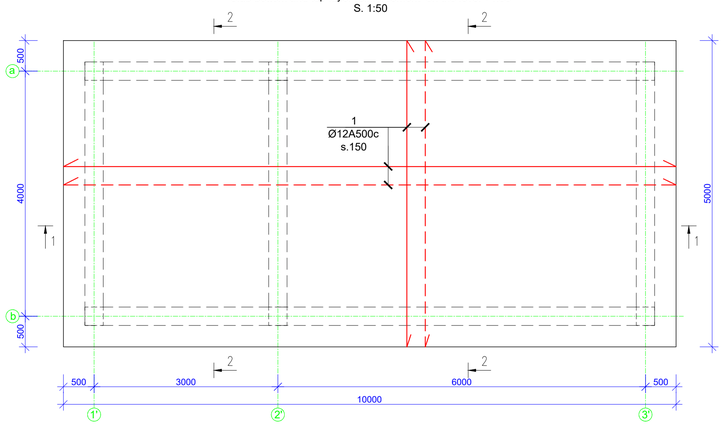
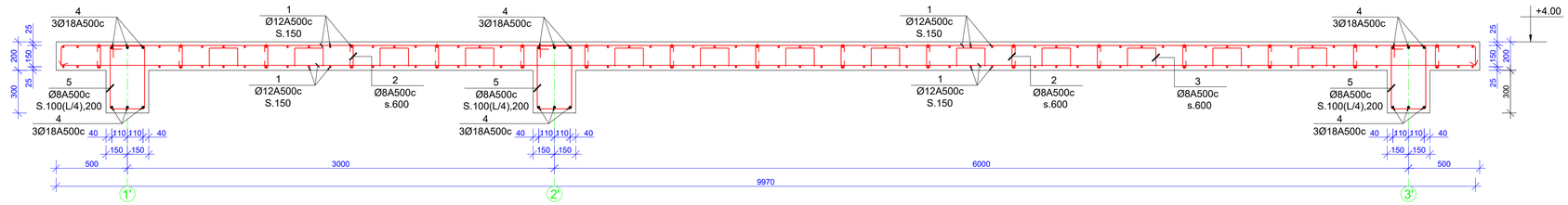
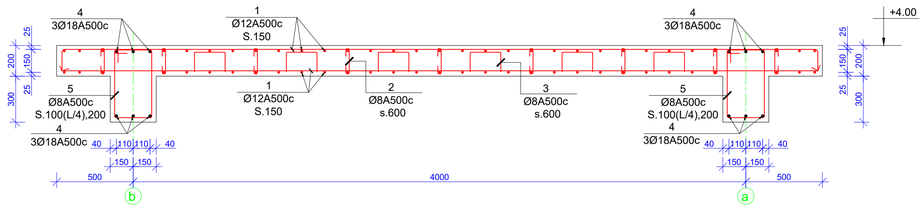
Slab bottom and top layer reinforcement on the level +4.00
S. 1:50



Section 1-1 s.1:20

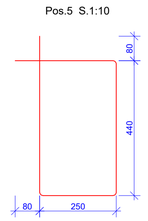


Section 2-2 s.1:20

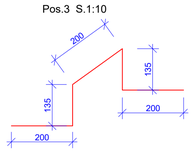


Pos.2 S.1:10

Pos.5 S.1:10



Pos.3 S.1:10



List of materials (Compressor Building)

	Pos. #	Diameter and class D mm	Length L mm	Quantity n	Length LxnxN m	Weight q kg	Concrete C25/30 m³ F150	quantity N	Weight qxN kg	Concrete C25/30 m³ F150
Slab on the level +4.00	1	ø 12 A500c	1500000	1	1500.0	1331.7	12.8	1	1331.7	12.8
	2	ø 8 A500c	290	150	43.5	17.2			17.2	
	3	ø 8 A500c	870	150	130.5	51.5			51.5	
	4	ø 18 A500c	207900	1	207.9	415.3			415.3	
	5	ø 8 A500c	1540	247	380.4	150.1			150.1	
					total q=	1965.7	12.8	total q=	1965.7	12.8

± 0.000 (+543.30)
Concrete : C25/30; W4; F150;
Rebar: A500C ГОСТ 52544-2006

ORIGINAL 100mm

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1	First issue	2016.09.11	...	...	...

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HEIDELBERGCEMENTGroup

Approved by:

PLANT :KASPI, GEORGIEN PROJECT NO.: PROJECT NAME: Clinker Bulk loading System
AREA :20
TITLE : Slab bottom and top layer reinforcement on the level +4.00; Secton 1-1; 2-2; List of materials; /Limestone crusher and transportation

SCALE: 1:10; 1:20; 1:50
SIZE: DIN A1
D2_KT03_ER_C_RW_002_01
Discipline_system+consecutive number_Phase_Type of drawing_consecutive number_revision index
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