

EZ Bark stripper and chopper

Over the loading table the round logs reach the debarking drum. There bark and wood are separated. In the chopper the debarked round logs are processed into wood chips. After that conveyor belts transport them to the wood chips silo. The bark is used as bark mulch and stored in loading silos.

Special requirements for the planning and construction of the building:

- The increased sound insulation to the outside and to the inboard control room.
- The vibration protection and the resulting decoupling of the plant and building foundations.

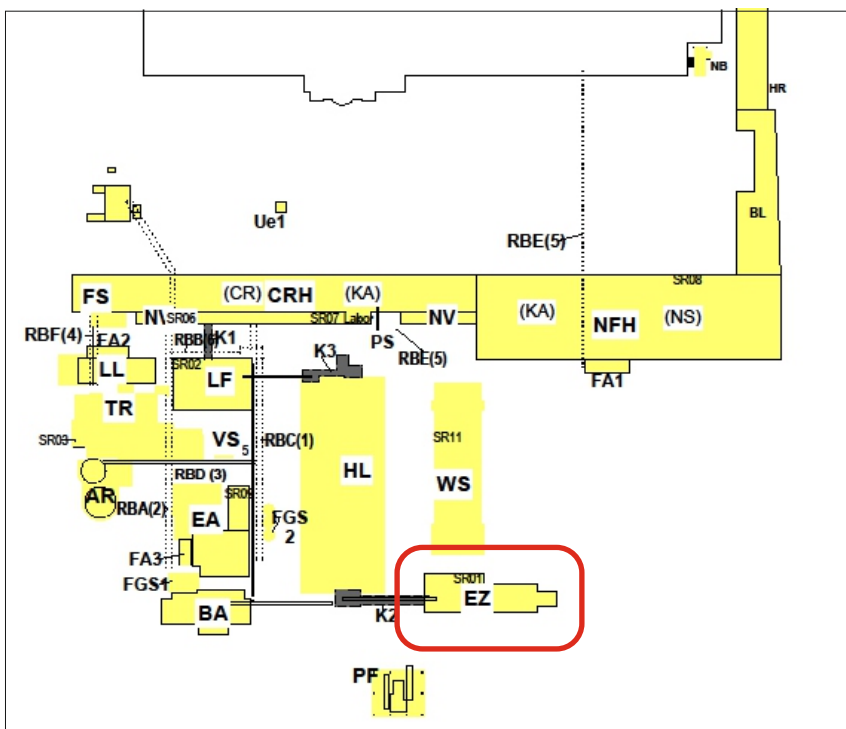
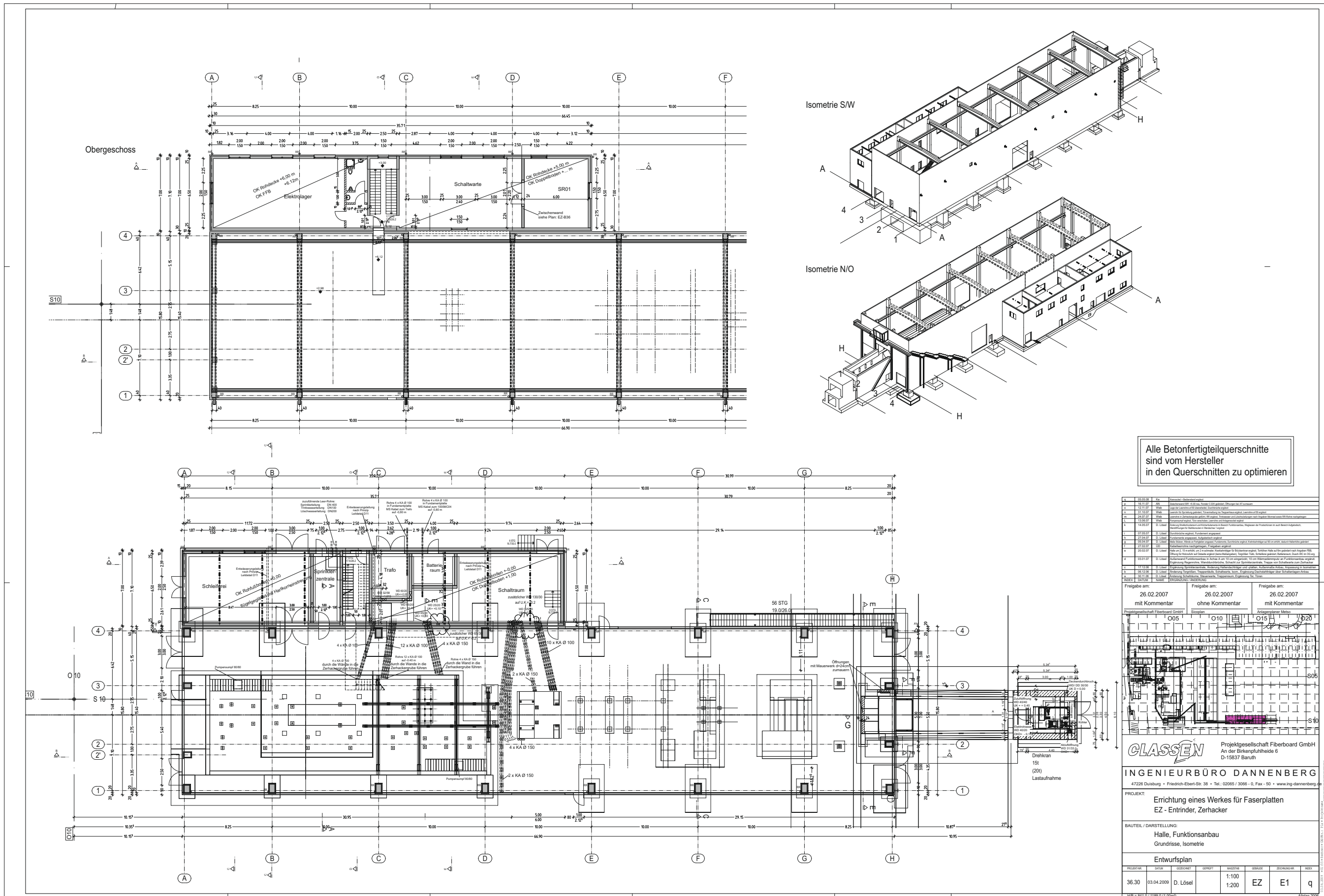


photo view south-west



electric stock, control room



Alle Betonfertigteilquerschnitte sind vom Hersteller in den Querschnitten zu optimieren

1	OK 10/08	OK	Einbauelemente
2	OK 10/08	OK	Einbauelemente
3	OK 10/08	OK	Einbauelemente
4	OK 10/08	OK	Einbauelemente
5	OK 10/08	OK	Einbauelemente
6	OK 10/08	OK	Einbauelemente
7	OK 10/08	OK	Einbauelemente
8	OK 10/08	OK	Einbauelemente
9	OK 10/08	OK	Einbauelemente
10	OK 10/08	OK	Einbauelemente
11	OK 10/08	OK	Einbauelemente
12	OK 10/08	OK	Einbauelemente

Freigabe am:	Freigabe am:	Freigabe am:
26.02.2007	26.02.2007	26.02.2007
mit Kommentar	ohne Kommentar	mit Kommentar
Projektverantwortl. Eberhard Götter	Geplant	Angelegener MäÙ
O05	O10	O15

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An der Birkenpflanzheide 6
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PROJEKT: Errichtung eines Werkes für Faserplatten
EZ - Entrinder, Zerhacker

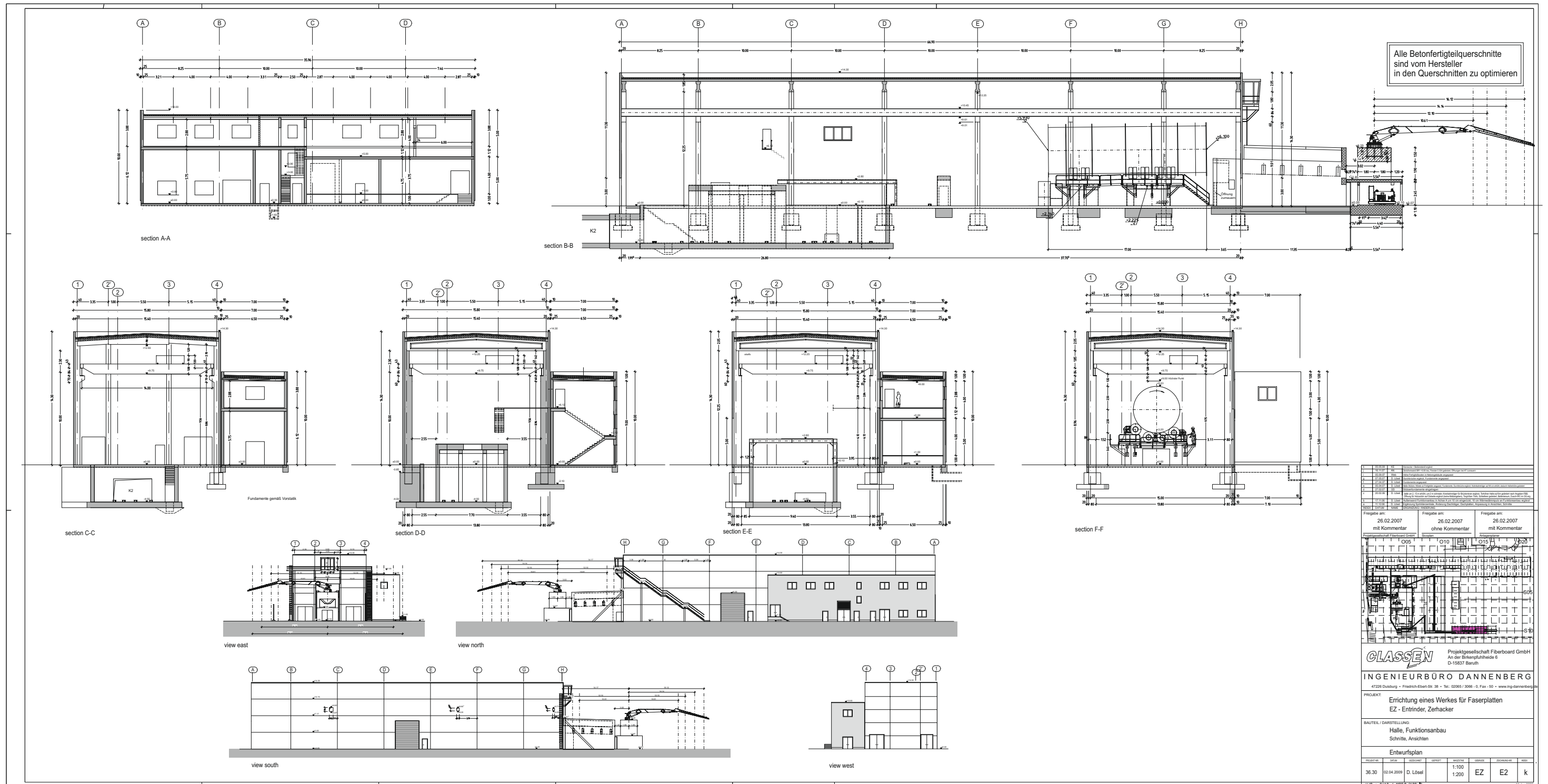
BAUTEIL / DARSTELLUNG:
Halle, Funktionsanbau
Grundrisse, Isometrie

Entwurfsplan

PROJEKT	DATUM	GEZEICNET	GEPRÜFT	MAßSTAB	ZEICHNUNG	ZEICHNER	INDEX
38.30	03.04.2009	D. Lösel		1:100 1:200	EZ	E1	q

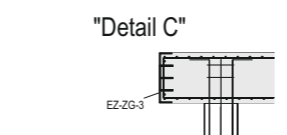
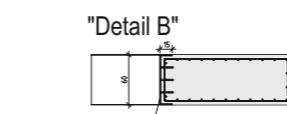
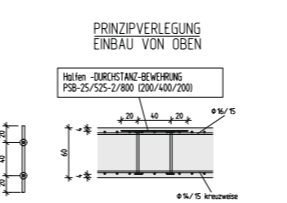
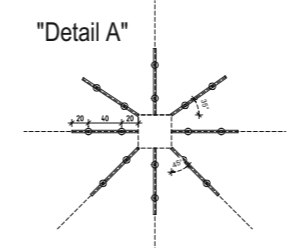
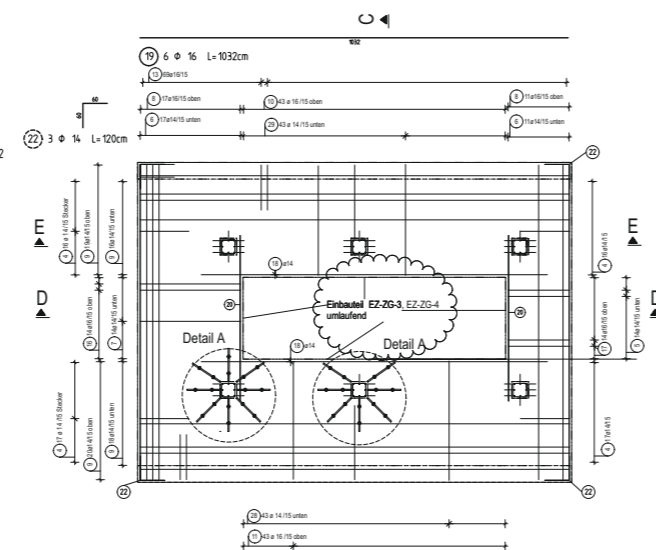
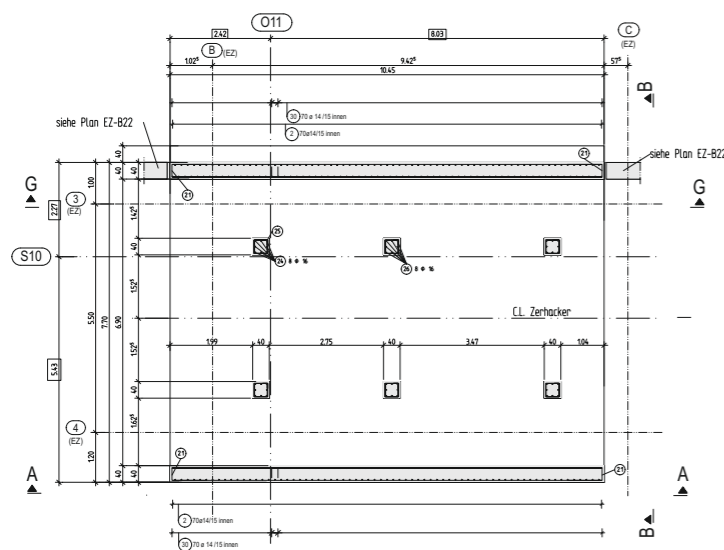
HNB - 841 011188 011 (09/09) Alpen 2008

design plan,
layout,
isometries

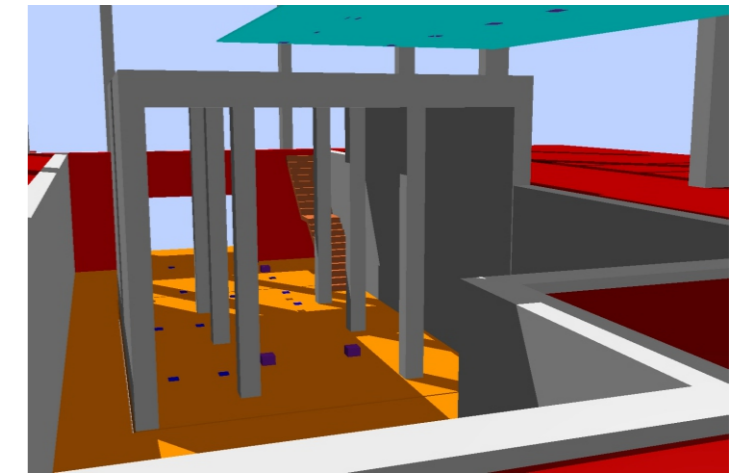


design plan sections, elevations

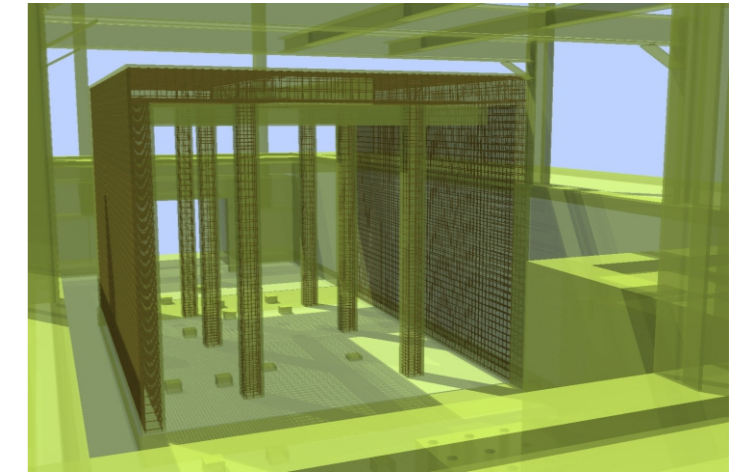
chopper foundation



Stabliste - Biegeformen									
Projekt:		36.30 Fiberober MEDP-Werk Bauhof			Datum:		19.07.2007		
Zw. Plan:		EZ_823			Liste:		EZ_823		
Bauteil:		Hackerfundament			Länge		Masse		
Pos.	Stück	a	b	Einzel Länge [m]	Bemerkte Biegeform (normalschlüssig)	Gesamt Länge [m]	Masse [kg]	Bemerkung	
1	140	16	6.17			863.80	1364.80		
2	140	14	5.68			796.20	962.19		
3	180	14	10.34			1860.40	2001.82		
4	66	14	2.62			172.80	209.23		
5	14	14	3.24			45.36	54.89		
6	32	14	7.59			243.88	293.89		
7	14	14	4.20			58.80	71.15		
8	28	16	7.59			212.52	335.79		
9	73	14	10.37			757.01	915.98		
10	43	16	3.94			169.42	267.68		
11	43	16	4.15			178.45	281.95		
12	138	18	3.60			496.80	784.94		
13	138	18	2.89			371.22	586.53		
16	14	16	3.35			46.90	74.10		
17	14	16	2.40			33.60	53.09		
18	6	14	8.35			50.10	60.62		
19	6	16	10.32			61.92	97.83		
20	6	16	4.00			24.00	37.92		
21	152	14	2.02			307.04	371.52		
22	12	14	1.20			14.40	17.42		
23	8	16	4.10			32.80	51.82		
24	48	16	2.08			99.84	157.75		
25	312	10	1.58			492.96	304.16		
26	48	16	5.58			267.84	423.19		
27	42	10	1.20			50.40	31.10		
28	43	14	2.89			124.27	150.37		
29	43	14	2.89			115.67	139.96		
30	140	14	1.60			224.00	271.04		
31	236	10	0.69			162.84	100.47		
32	236	8	0.50			118.00	46.81		
33	180	16	1.85			296.00	467.68		
Gesamtmasse [kg]:						10987.47			



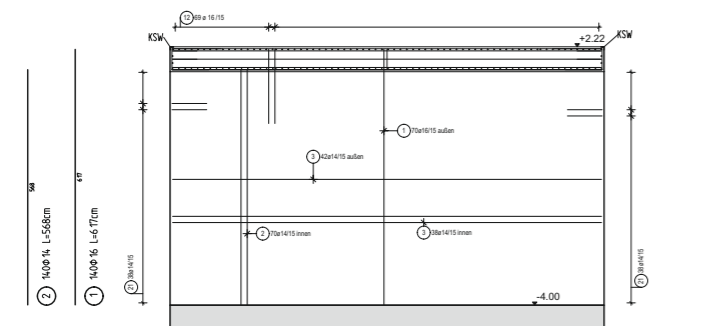
3D-animation



3D reinforcement

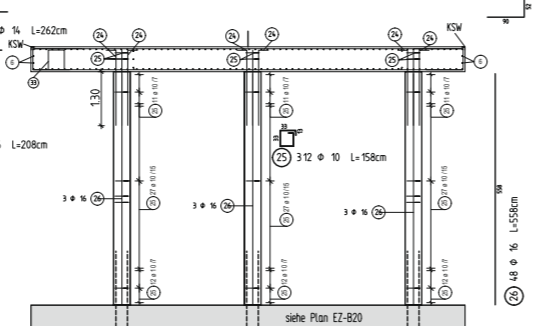


19.09.2007 construction

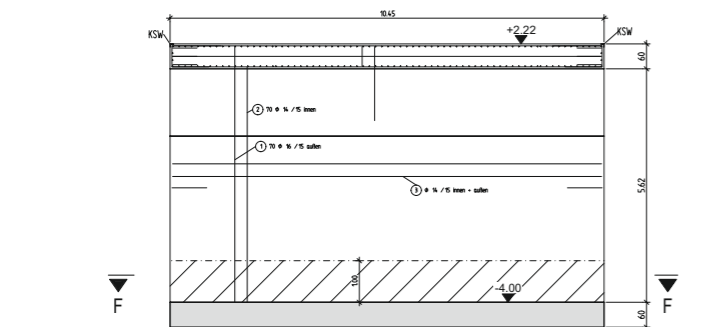


Abstandhalter Wand
 31 236 ϕ 10 L=69cm
 Abstandhalter 2 Stk. / m²
 32 236 ϕ 8 L=50cm
 S-Haken 2 Stk. / m²
 Abstandhalter Decke
 33 160 ϕ 16 L=185cm
 Abstandhalter 2 Stk. / m²

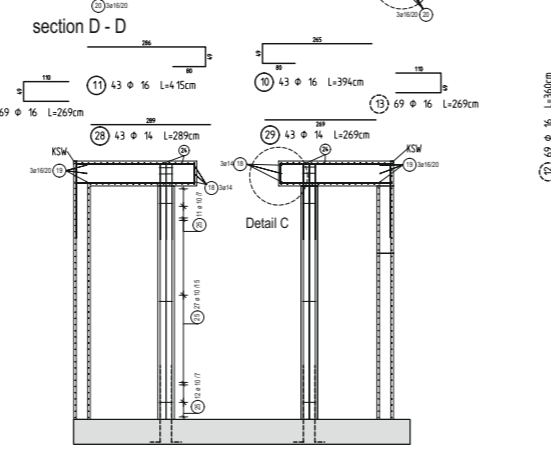
Kantenschutzwinkel KSW
 umlaufend
 Peikko KKT80 (oder vergleichbar)



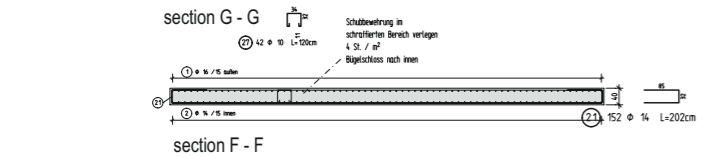
section E - E
 16 14 ϕ 16 L=335cm
 17 14 ϕ 16 L=240cm
 18 14 ϕ 16 L=420cm
 Detail B
 19 69 ϕ 16 L=269cm
 20 43 ϕ 16 L=394cm
 21 69 ϕ 16 L=269cm



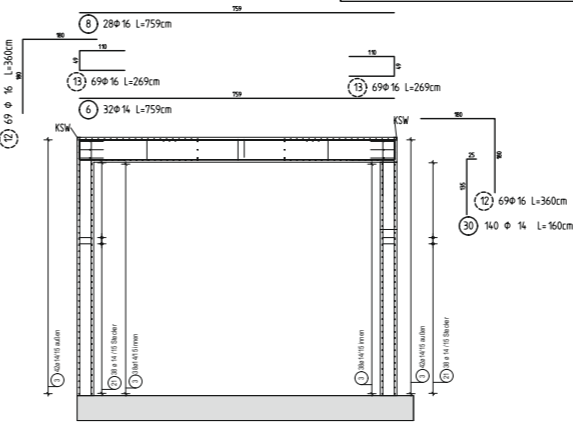
section G - G
 Schüttelehrung in
 unbrüteten Bereich verlegen
 4.50 / m²
 Biegestress nach innen



section D - D
 22 69 ϕ 16 L=269cm
 23 43 ϕ 16 L=415cm
 24 43 ϕ 16 L=394cm
 25 69 ϕ 16 L=269cm
 Detail C
 26 69 ϕ 16 L=269cm
 27 43 ϕ 16 L=394cm
 28 69 ϕ 16 L=269cm



section F - F
 29 152 ϕ 14 L=202cm



section B - B
 30 284 ϕ 16 L=759cm
 31 69 ϕ 16 L=269cm
 32 69 ϕ 16 L=269cm
 33 324 ϕ 14 L=759cm
 34 69 ϕ 16 L=360cm
 35 140 ϕ 14 L=160cm

chopper reinforcement plan



reinforcement base plate, in the background canal 2



formwork column foundation



column foundation



installation of the debarking drum



building during installation



loading table to the bark stripper during operation