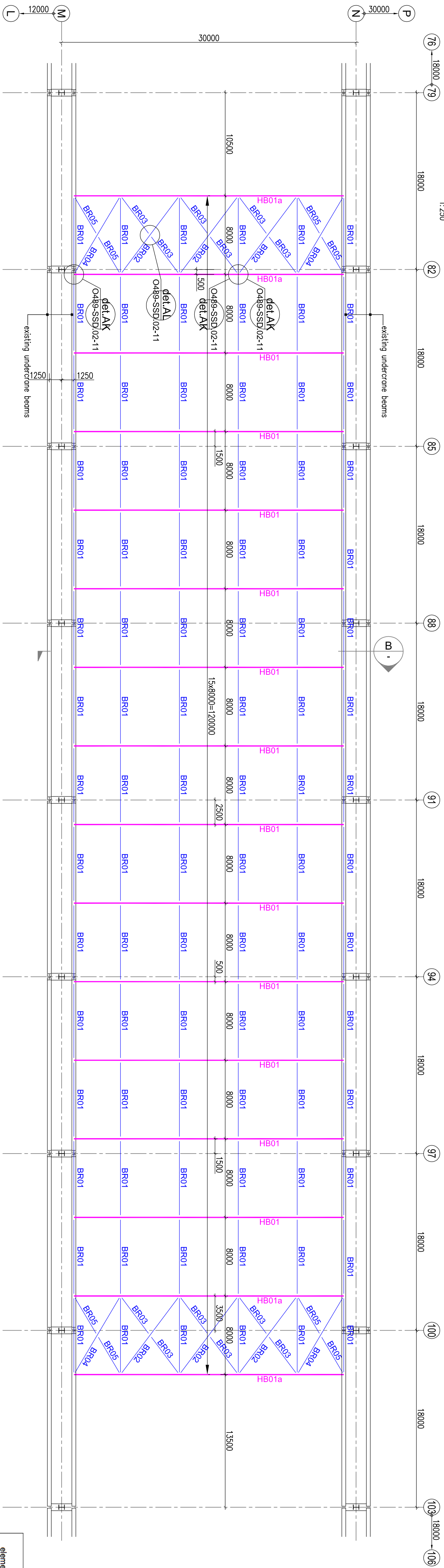


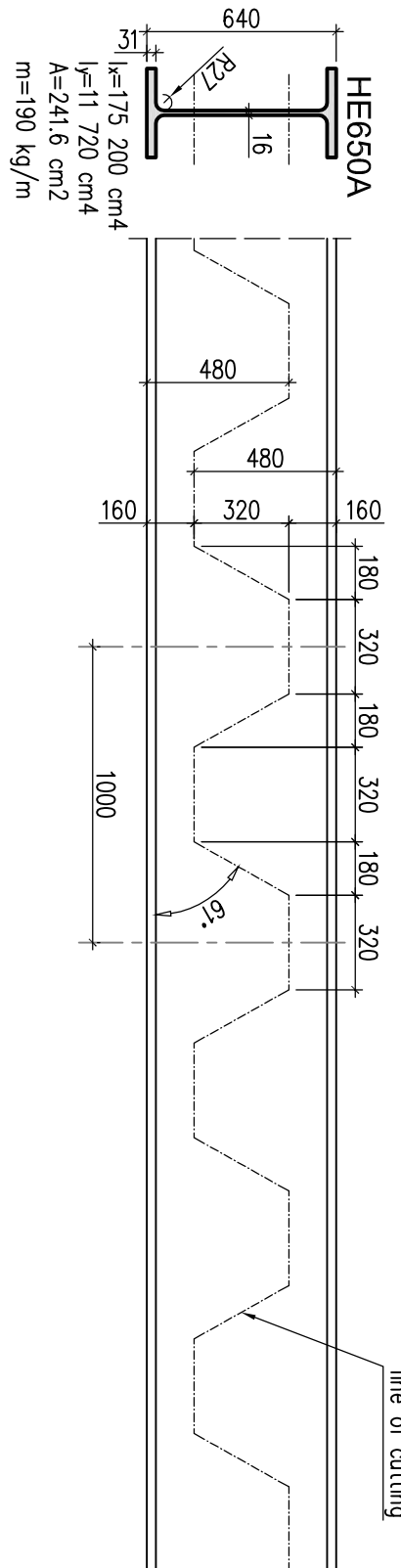


element	section	length	quantity	linear weight	unit weight	total weight	remark
HB01	HE650A	27.900	12	190	5725	68701	hoist beam
HB01a	HE650A	27.900	4	190	5725	22900	hoist beam
BR01	489x5	8000	90	10.3	89	8009	brace
BR02	489x5	10000	6	10.3	111	667	brace
BR03	489x5	5000	12	10.3	56	667	brace
BR04	489x5	9300	4	10.3	103	414	brace
BR05	489x5	4650	8	10.3	52	414	brace

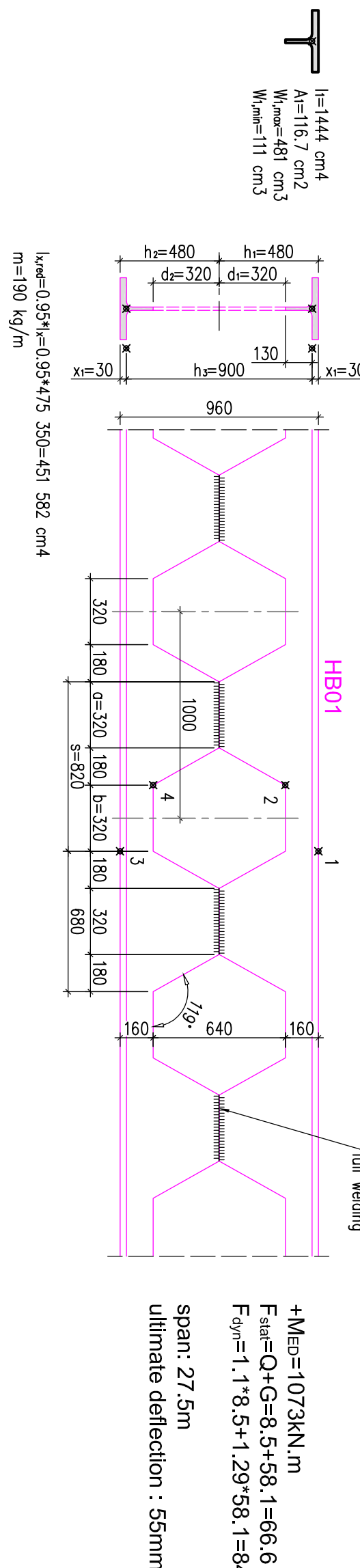
Remarks: * approx. weight, 8% are added for joints detailing

Σ: 101 773 kg

INPUT STEEL PROFILE



FRAGMENT OF HOIST BEAM ("HONEYCOMB BEAM")



- Notes
- Structural steel grade S235J0G2, according standard EN10025
 - Bolts grade 8.8 (M20 if something else is not specified)
 - Anticorrosion protection - see Explanatory note

NOTES

* - the capacity of the hoist have to be tuned to 1790kg(mongre)+3840kg(cris)=5610kg

A04	04/03/2012	RIV	Detailed design issue
A03	12/12/2011	CST	Situation in plan moved 10m towards Area 7
A02	10/10/2011	CST	Preliminary design issue
A01	21/09/2011	CST	Issued for approval
A00	19/09/2011	CST	First issue for information
NUM	DATE	NAME	MODIFICATION
REVISIONS			
PROJECT: O489 - LONG RAIL PRODUCTION FOR			
ARCELOORMITTAL POLAND S.A.			
SUBJECT: TRAVERSE RAIL TRANSPORT, AREA 8			
AUTHOR OF THE PROJECT		CUSTOMER	
Group - IPS		ArcelorMittal	
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AUTHOR'S DRAWING NUMBER		CUSTOMER'S DRAWING NUMBER	
O489-SSD.02-03			
PART: STRUCTURAL		PHASE: DETAILED DESIGN	
DRAWING NAME		SCALE	
HOIST BEAMS ASSEMBLY PLAN		1:250	
DATE		REVISION	
04/03/2012		A04	
DESIGNED BY		DRAWN BY	
dipl. eng. Constantin Stokov		dipl. eng. Răzvan Ivanova	
CHECKED BY		Ic. Jacques Lataste	