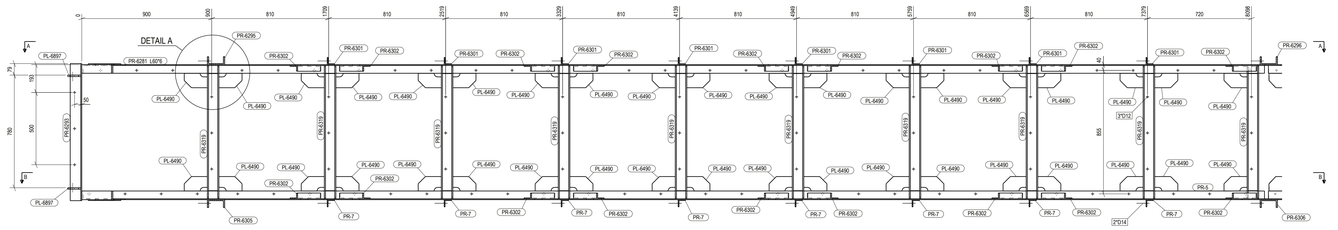
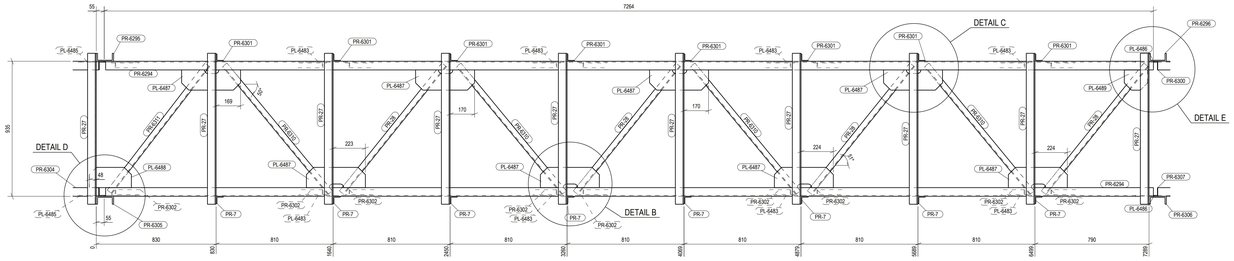
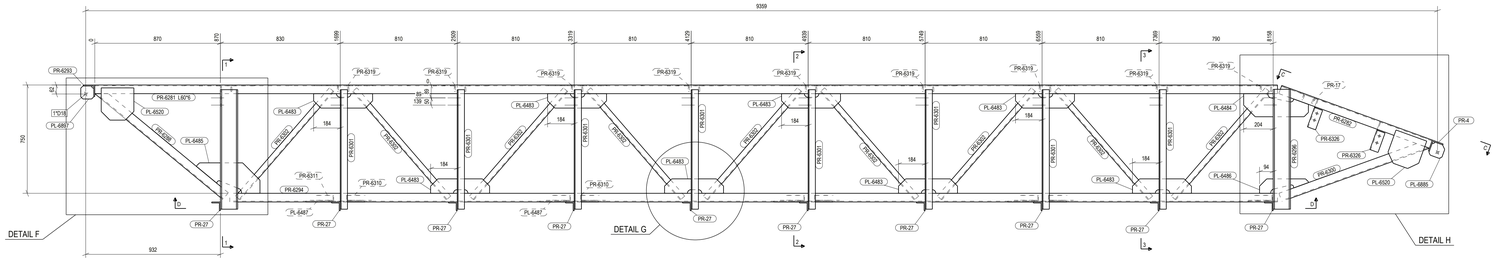
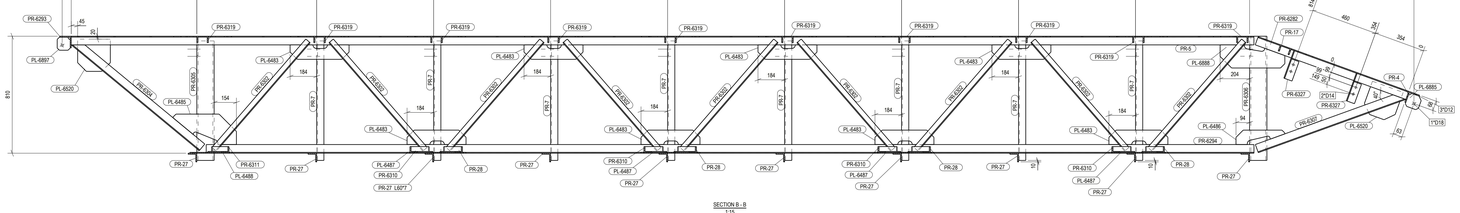




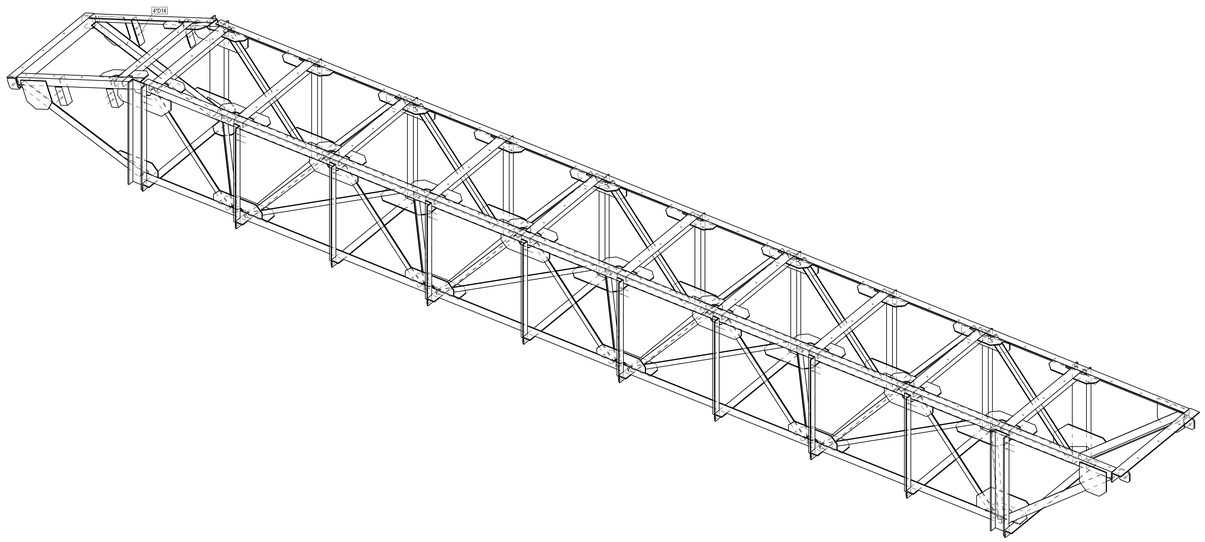
SECTION D - D
1:15

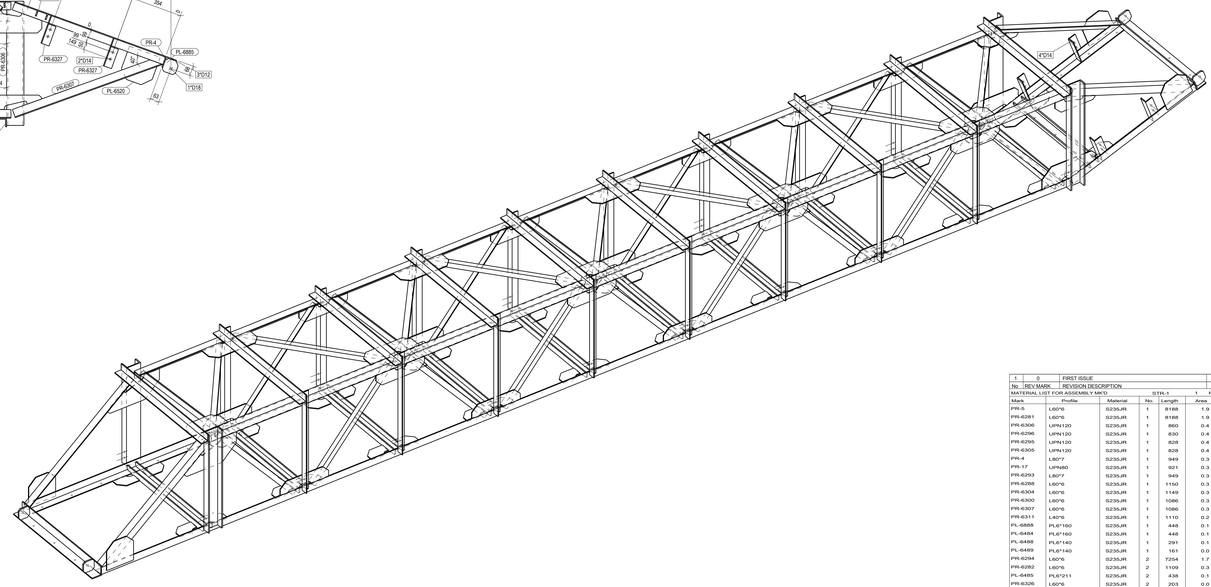


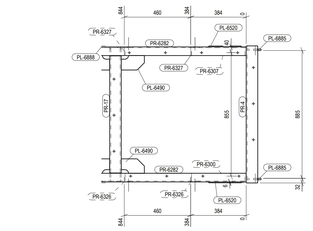
SECTION A - A
1:15



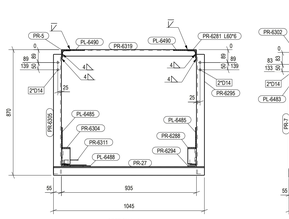
SECTION B - B
1:15



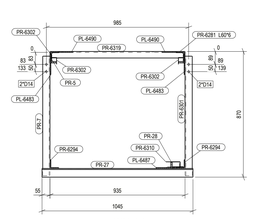




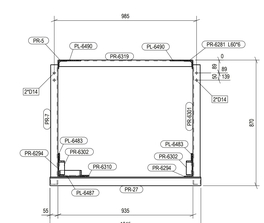
SECTION C - C
1:15



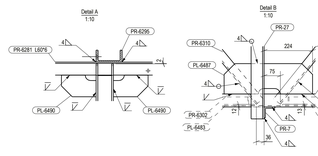
SECTION 1 - 1
1:15

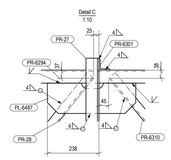


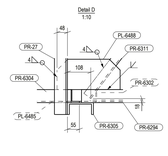
SECTION 2 - 2
1:15

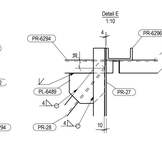


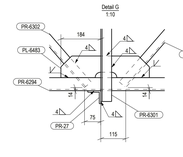
SECTION 3 - 3
1:15

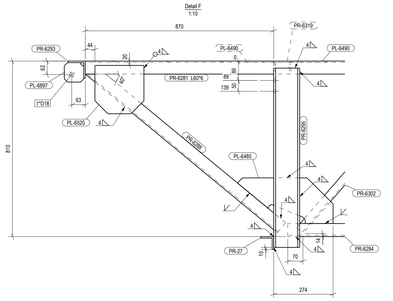


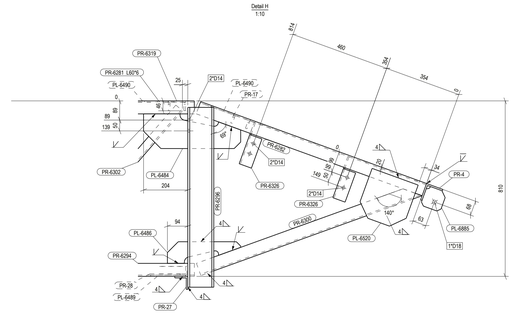












1	0	FIRST ISSUE				31.10.2019
No.	REV.MARK	REVISION DESCRIPTION				REV. DATE
MATERIAL LIST FOR ASSEMBLY MK'D			STR-1	1	No. Required	
Mark	Profile	Material	No.	Length	Area	Weight
PR-5	L80*6	S235JR	1	8188	1.9	44.4
PR-6281	L60*6	S235JR	1	8188	1.9	44.4
PR-6306	UPN120	S235JR	1	860	0.4	11.5
PR-6296	UPN120	S235JR	1	830	0.4	11.1
PR-6295	UPN120	S235JR	1	828	0.4	11.0
PR-6305	UPN120	S235JR	1	828	0.4	11.0
PR-4	L80*7	S235JR	1	949	0.3	8.0
PR-17	UPN80	S235JR	1	921	0.3	8.0
PR-6293	L80*7	S235JR	1	949	0.3	6.0
PR-6288	L60*6	S235JR	1	1150	0.3	6.2
PR-6304	L80*6	S235JR	1	1149	0.3	6.2
PR-6300	L60*6	S235JR	1	1086	0.3	5.9
PR-6307	L60*6	S235JR	1	1086	0.3	5.9
PR-6311	L40*6	S235JR	1	1110	0.2	3.9
PL-6488	PL6*160	S235JR	1	448	0.1	2.7
PL-6484	PL6*160	S235JR	1	448	0.1	2.6
PL-6488	PL6*140	S235JR	1	291	0.1	1.8
PL-6489	PL6*140	S235JR	1	161	0.0	0.9
PR-6294	L60*6	S235JR	2	7254	1.7	39.3
PR-6282	L60*6	S235JR	2	1109	0.3	6.0
PL-6485	PL6*211	S235JR	2	438	0.1	2.7
PR-6326	L60*6	S235JR	2	203	0.0	1.1
PR-6327	L80*6	S235JR	2	203	0.0	1.1
PL-6486	PL6*100	S235JR	2	338	0.0	0.9
PL-6885	PL10*96	S235JR	2	96	0.0	0.7
PL-6897	PL10*90	S235JR	2	90	0.0	0.6
PR-6310	L40*6	S235JR	4	1147	0.2	4.0
PR-28	L40*6	S235JR	4	1135	0.2	4.0
PL-6520	PL6*223	S235JR	4	226	0.1	2.2
PR-7	L50*6	S235JR	8	828	0.2	3.7
PR-6301	L50*6	S235JR	8	828	0.2	3.7
PL-6487	PL6*140	S235JR	8	408	0.1	2.5
PR-6319	UPN80	S235JR	10	919	0.3	7.9
PR-27	L60*7	S235JR	10	1045	0.2	6.5
PL-6483	PL6*100	S235JR	16	408	0.1	1.7
PR-6302	L40*6	S235JR	18	992	0.2	3.5
PL-6490	PL8*100	S235JR	42	160	0.0	0.6
				Total	28.0	679.7

UNMARKED WELDS:
1 Scope elements shall be welded by fillet welds. Welds shall be closed.
2 Size of fillet weld "a" depends on type of welded elements:
a) for T-joint of plate element and flange of I, H profile:
- plate of I, H- shall profile is type "S" means thickness of groove weld but not more than 0.7 of thickness of plate or full rolled profile, plate of I, H- shall profile is type "B" means:
a) for both side fillet weld: a=0.3 of thickness of thinner welded element
b) for one side fillet weld: a=0.5 of thickness of thinner welded element
c) in case of acute joint - full penetration welds shall be done.

BHS SONTHOFEN

OBJECT/AREA: R-25148

PROJECT:

DRAWING NAME:	ASSEMBLY STR-1 TRUSS		
PROJECT PHASE:	WORKSHOP DOCUMENTATION	DATE:	SCALE: 1:10
BRANCH:	STEEL STRUCTURE	31.10.2019	1:15
DESIGN:	M. Sc. Eng. R. Kosakowski Eng. M. Sobolewska M. Sc. Eng. P. Zalonis	PROJECTION:	DRAWING NO.: STR-1 / FORMAT: A0

Field Structures