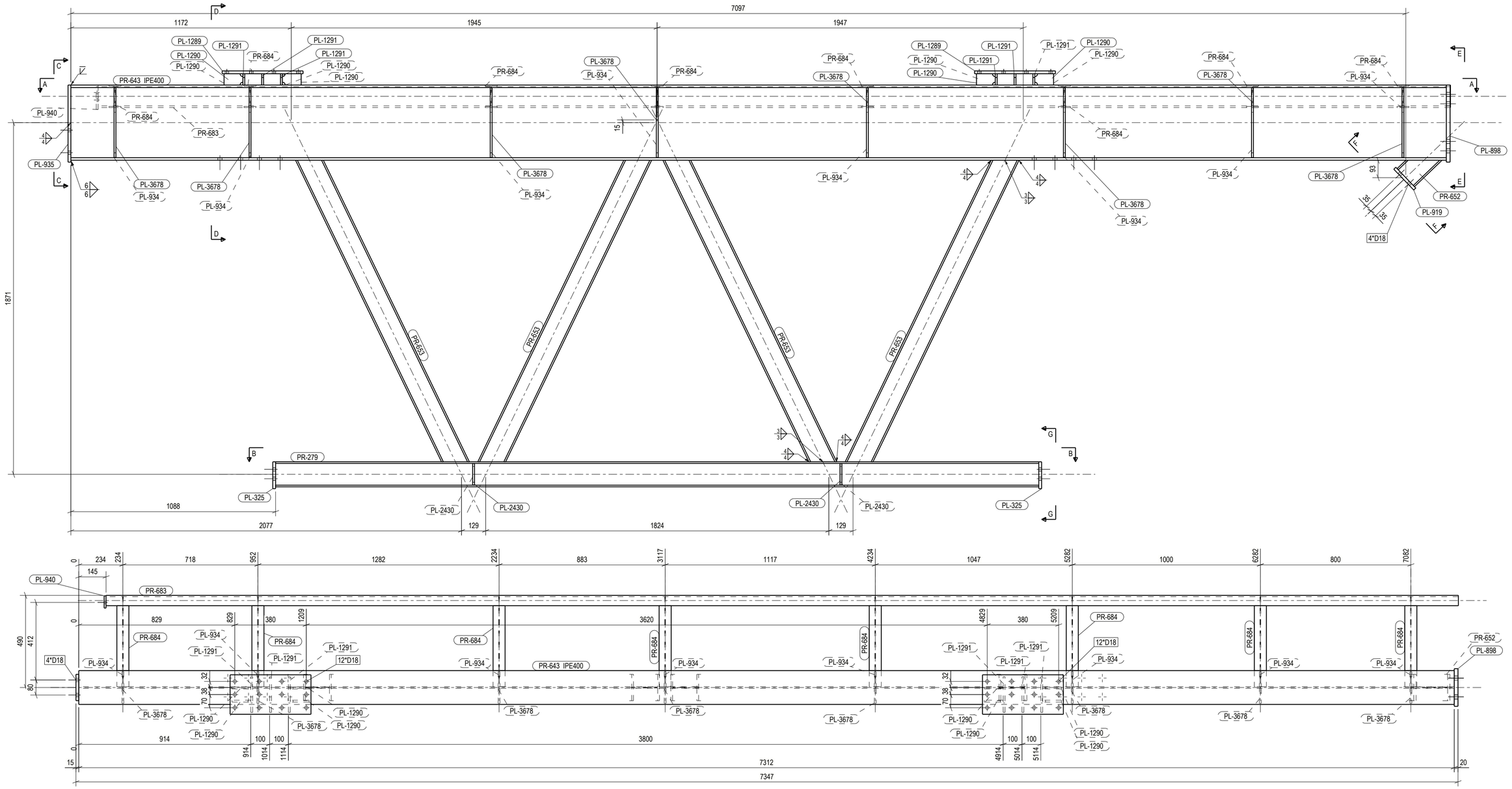
ASSEMBLY	GRID
TRA6-3	4-5/B-C



SECTION A - A
1:15

SECTION B - B
1:15

SECTION C - C
1:15

SECTION D - D
1:15

SECTION E - E
1:15

SECTION F - F
1:15

SECTION G - G
1:15

No	REV MARK	REVISION DESCRIPTION	REV. DATE
1	0	FIRST ISSUE	30.11.2020

MATERIAL LIST FOR ASSEMBLY MK'D TRA6-3 1 No. Required

Mark	Profile	Material	No.	Length	Area	Weight
PR-643	IPE400	S355J2	1	7312	10.7	485.1
PR-279	HEA140	S355J2	1	4057	3.2	100.0
PR-683	UPN120	S355J2	1	7190	3.1	95.9
PL-898	PL20*200	S355J2	1	410	0.2	12.9
PL-935	PL15*140	S355J2	1	410	0.1	6.8
PR-652	HEA140	S355J2	1	203	0.2	5.0
PL-919	PL15*140	S355J2	1	153	0.1	2.5
PL-940	PL10*65	S355J2	1	122	0.0	0.6
PL-1289	PL15*210	S355J2	2	430	0.2	10.6
PL-325	PL15*140	S355J2	2	143	0.0	2.4
PR-653	HEA140	S355J2	4	1846	1.5	45.5
PL-2430	PL10*60	S355J2	4	114	0.0	0.5
PL-1291	PL10*60	S355J2	6	190	0.0	0.8
PR-684	IPE120	S355J2	8	479	0.2	5.0
PL-3678	PL10*80	S355J2	8	371	0.1	2.3
PL-934	PL10*80	S355J2	8	266	0.0	1.6
PL-1290	PL10*60	S355J2	8	100	0.0	0.4
				Total	27.0	997.8

WELDING COMMENTS:
1. Single elements shall be welded by fillet welds. Welds shall be closed.
2. Size of fillet weld throat "a" depends on type of welded elements:
- pipe to pipe: "a" equals thickness of thinner wall pipe,
- plate or hot rolled profile to pipe: "a" means thickness of pipes wall but not more than 0,7 of thickness of plate or hot rolled profile,
- other elements:
a) for both side fillet weld: a=0,5 of thickness of thinner welded element,
b) for one side fillet weld: a=0,7 of thickness of thinner welded element
c) in case of extra joint - full penetration welds shall be done

OBJECT/AREA:	INVESTOR: DRYDEN AQUA
DRAWING NAME	ASSEMBLY TRA6-3 TRUSS
PROJECT PHASE	WORKSHOP DOCUMENTATION
BRANCH	STEEL STRUCTURE
DESIGN	M. Sc., Eng. Maciej Listewnik M. Sc., Eng. Manuela Sobolewska M. Sc., Eng. Marlena Przygodzka
DATE	30.11.2020
SCALE	1:15
PROJECTION	
DRAWING NO.	TRA6-3 - 0

Tekla Structures