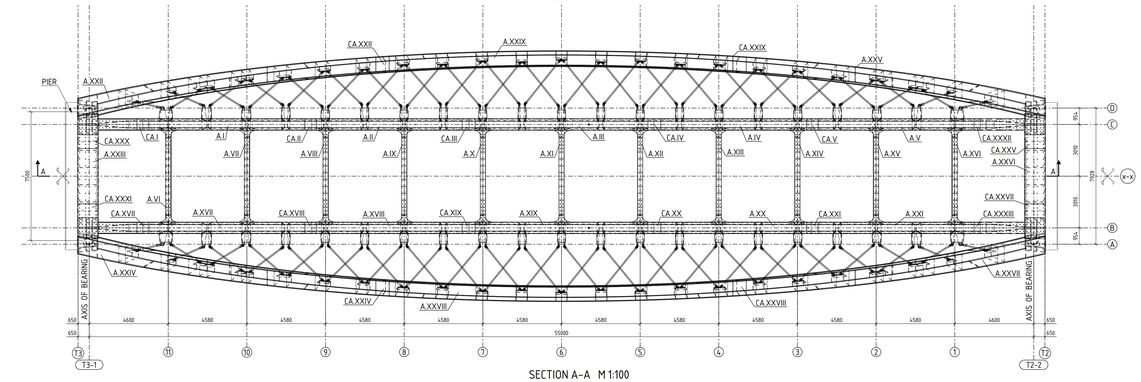
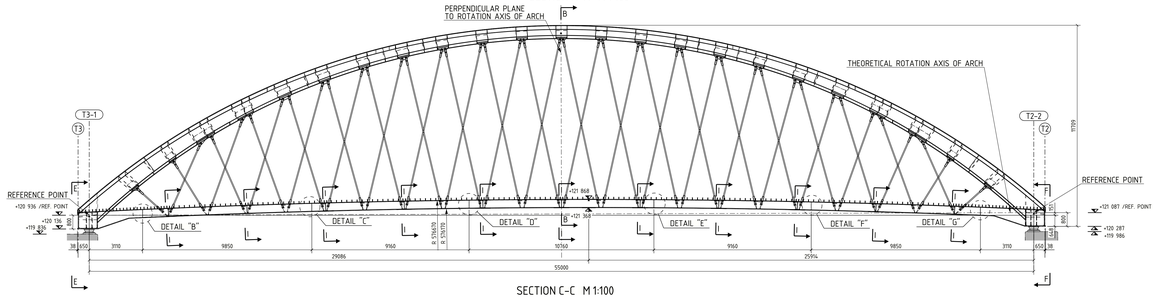
PLAN M1:100

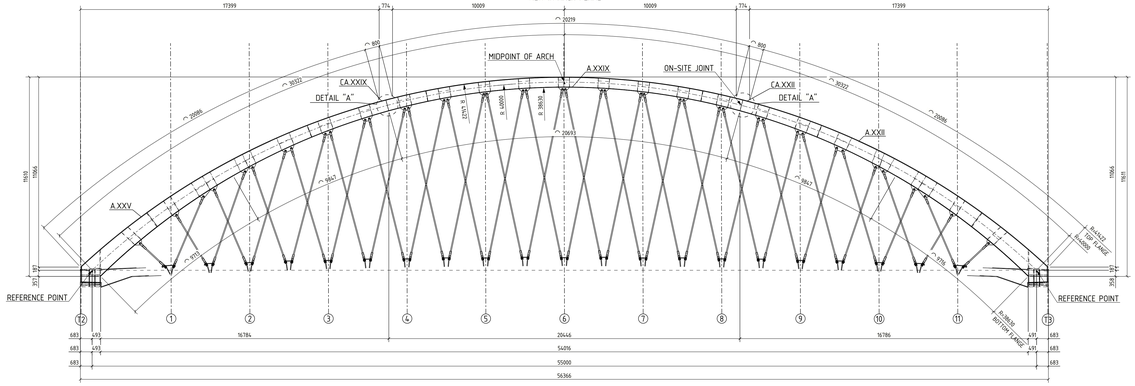


SECTION A-A M 1:100



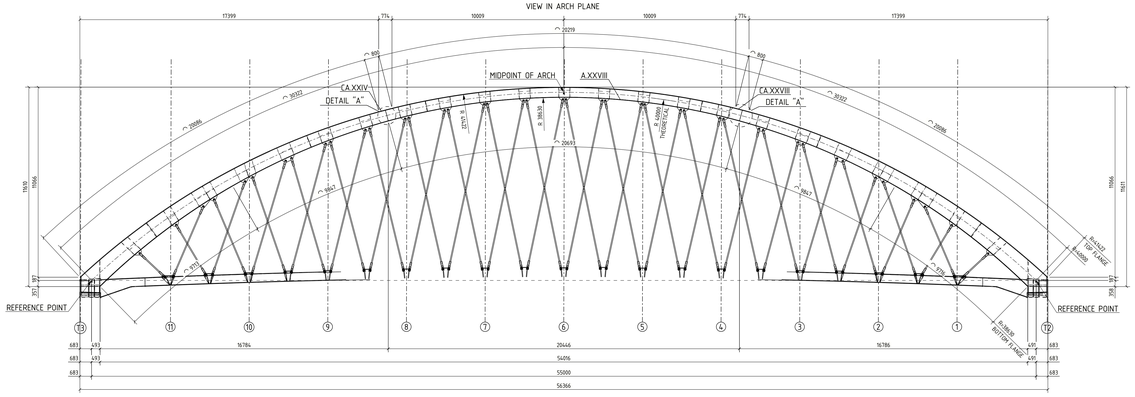
SECTION C-C M 1:100

VIEW IN ARCH PLANE



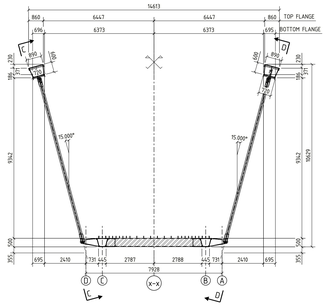
SECTION D-D M 1:100

VIEW IN ARCH PLANE



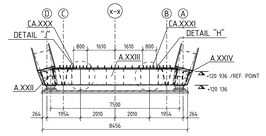
SECTION B-B M 1:100

PERPENDICULAR VIEW TO ROTATION AXIS OF ARCH AT MIDPOINT
NOT VERTICAL



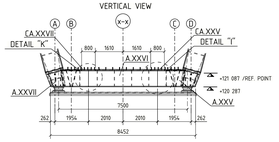
SECTION E-E M 1:100

VERTICAL VIEW



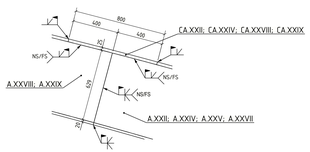
SECTION F-F M 1:100

VERTICAL VIEW



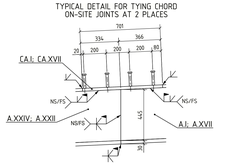
DETAIL "A" M 1:15

TYPICAL DETAIL FOR ARCH
ON-SITE JOINTS AT 4 PLACES



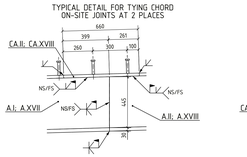
DETAIL "B" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



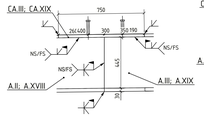
DETAIL "C" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



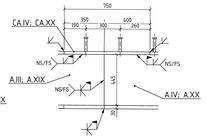
DETAIL "D" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



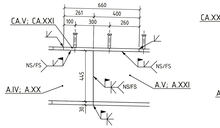
DETAIL "E" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



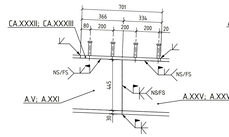
DETAIL "F" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



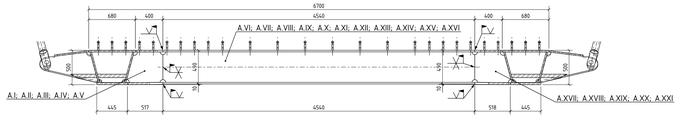
DETAIL "G" M 1:15

TYPICAL DETAIL FOR TYING CHORD
ON-SITE JOINTS AT 2 PLACES



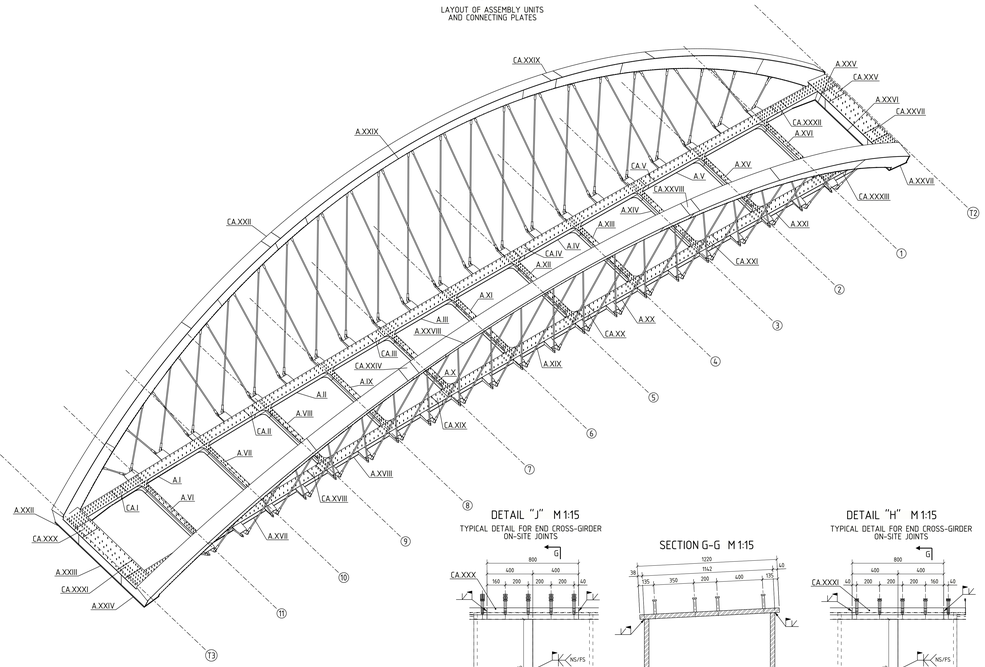
SECTION I-I M 1:25

TYPICAL DETAIL FOR CROSS GIRDER
ON-SITE JOINTS AT 11 PLACES



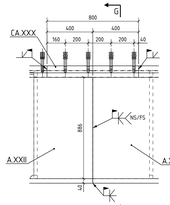
ISO VIEW

LAYOUT OF ASSEMBLY UNITS
AND CONNECTING PLATES

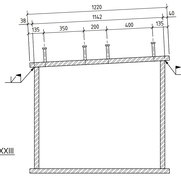


DETAIL "J" M 1:15

TYPICAL DETAIL FOR END CROSS-GIRDER
ON-SITE JOINTS

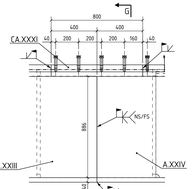


SECTION G-G M 1:15



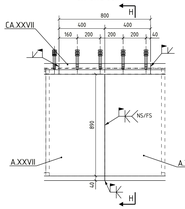
DETAIL "H" M 1:15

TYPICAL DETAIL FOR END CROSS-GIRDER
ON-SITE JOINTS

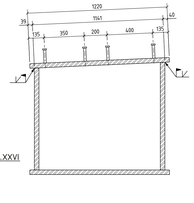


DETAIL "K" M 1:15

TYPICAL DETAIL FOR END CROSS-GIRDER
ON-SITE JOINTS

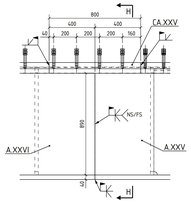


SECTION H-H M 1:15



DETAIL "I" M 1:15

TYPICAL DETAIL FOR END CROSS-GIRDER
ON-SITE JOINTS



ASSEMBLY UNIT LIST

Pos.	Qty	Weight (kg/pcs)	Sum weight (kg/pos)
A I	1	5299.35	5299.35
A II	1	4973.27	4973.27
A III	1	6014.89	6014.89
A IV	1	4974.09	4974.09
A IX	1	718.45	718.45
A V	1	5299.23	5299.23
A VI	1	718.45	718.45
A VII	1	718.45	718.45
A VIII	1	718.45	718.45
A X	1	718.45	718.45
A XI	1	718.45	718.45
A XII	1	718.45	718.45
A XIII	1	718.45	718.45
A XIV	1	718.45	718.45
A XIX	1	6014.89	6014.89
A XV	1	718.45	718.45
A XVI	1	718.45	718.45
A XVII	1	5299.35	5299.35
A XVIII	1	4973.27	4973.27
A XX	1	4974.09	4974.09
A XXI	1	5299.22	5299.22
A XXII	1	23713.97	23713.97
A XXIII	1	6005.41	6005.41
A XXIV	1	23713.98	23713.98
A XXIX	1	11825.80	11825.80
A XXV	1	23707.77	23707.77
A XXVI	1	6007.18	6007.18
A XXVII	1	23707.77	23707.77
A XXVIII	1	11825.80	11825.80
CA I	1	98.31	98.31
CA II	1	90.11	90.11
CA III	1	102.09	102.09
CA IV	1	102.09	102.09
CA V	1	90.10	90.10
CA XIX	1	102.09	102.09
CA XVII	1	98.31	98.31
CA XVIII	1	90.11	90.11
CA XX	1	102.09	102.09
CA XXI	1	90.10	90.10
CA XXII	1	143.24	143.24
CA XXIV	1	143.24	143.24
CA XXIX	1	143.24	143.24
CA XXV	1	312.86	312.86
CA XXVII	1	312.86	312.86
CA XXVIII	1	143.24	143.24
CA XXIX	1	312.86	312.86
CA XXXI	1	312.86	312.86
CA XXXII	1	98.28	98.28
CA XXXIII	1	98.28	98.28
		Total	194,518.6

NOTES:

1. This plan must be handled together with:
   - 17206/C001 General plan of the steel structure
   - 17206/C003 Saffing-out plan
   - 17206/C100 Plan of reinforcement for the concrete deck
   - 17206/C200 Construction technology, Launching phases
   - 17206/C201 Construction technology, Cross sections
   - 17206/C202 Construction technology, Sand filling preload
   - 17206/C30... Assembly unit plans
   - 17206/C330 Connecting plates' plan
2. COORDINATE SYSTEM: ETRS-GK23
3. REFERENCE HEIGHT SYSTEM: N2000
4. Welding quality class "A" by EN ISO 5817:2014.
5. Design of the welds according to EN 1993-1-8:2012.
6. Unmarked welds are full penetration butt welds.
7. All welds on-site are full penetration butt welds.
8. Fabrication plan to be made based on this execution plan.
9. Shear studs are always perpendicular to the plates. Shear studs' layout corresponds to the reinforcement.

V-1	Self revision	26.02.2020	
V-0	First issue	17.02.2020	

Drawing type: Execution plan
WEB ID:

plan: Vanhankirkonsilta

DESIGNER	17.02.2020	FR/Fedor Jolsef
DRAWING	17.02.2020	BG/Brunsik Gábor

plan type: Structure

content: General plan of assembly units

scale: 1:15 / 1:25 / 1:100

HYVINKÄÄN KAUPUNKI
TEKNIIKKA JA YMPÄRISTÖ
KUNTATEKNIIKKA

coord: ETRS-GK25
N2000

drawing number: 17206/C300

version: V-1

Tekla Structures