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DRAWN Darius M D.Mykolaitis 1923	CHECKED	JOB NO. Complex_7 20120403
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CODE TYPE NO.	SCALE 1:350 DRAWING NUMBER	REG.
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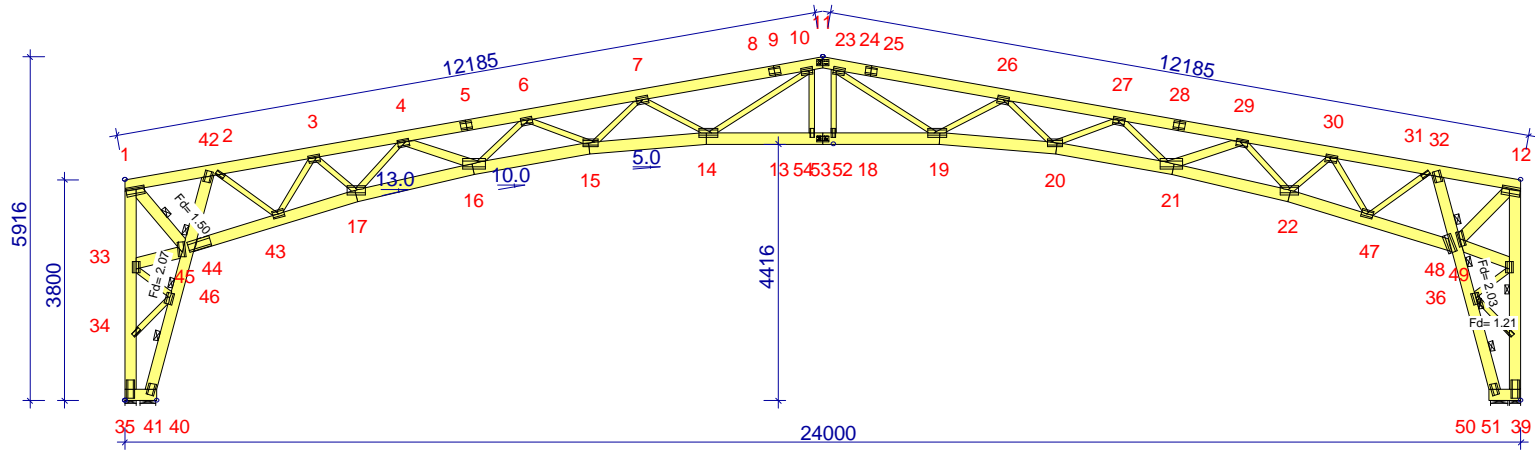
T1 - 1 no. 2-ply

Truss weight: 353 kg/ply

THE INTERNAL STABILITY OF THE TRUSS SYSTEM IS NOT TAKEN INTO ACCOUNT.

INDICATES BRACED WEB
SEE INFO.SHEET TB96-10

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GENERAL DIRECTIONS:

CONSTRUCTION CALCULATED WITH COMPUTER
"TRUSSCON". LIC.NO: 1289
CODE TIMBER: BKR03 (BFS2005:18)
CODE FASTENER: GODKÄNNANDE-
REGLER No 4 1974.

GENERAL SETTINGS:

TIMBER THICKNESS: (mm) 2 x 45
TRUSS CENTRES: (mm) 1200
CLIMATE CLASS: 2
SAFETY CLASS: 2

LOADS (N/m²):

SNOW LOAD (BASE VALUE): 1600
WIND LOAD (BASE VALUE): 640

DEAD LOADS: SEE TIMBER TABLE
OTHER LOADS AS PER CALC. PRINT-OUT

SUPPORT REACTIONS (N) (ULTIMATE):

JOINT NO	DIR.	LC P MAX	LC B MAX	LC C MIN	LC C SUP-W. MAX
35	Vert	-22582	-38517	-5052	-5052
39	Vert	-25790	-43872	-5717	-5717
41	Hori	-12522	-29602	-2397	-2397
41	Vert	39926	93750	8853	8853
51	Hori	12522	29602	2391	2391
51	Vert	43125	101282	9517	9517

SEE CALC.PRINTOUT FOR INFORMATION NOT FOUND IN TABLES

FASTENER LOCATION TOLERANCE: 8 mm

TIMBER: THICKNESS 45 mm 2 PLY					
CONSTR.-PART	DEPTH mm	GRADE	BRACING mm/pcs	LOAD N/m²	CSI %
11-1	195	K24	400	650	90
14-19	195	K24	Full	300	14
14-15	195	K24	Full	300	22
15-16	195	K24	Full	300	11
16-17	195	K24	Full	300	11
19-20	195	K24	Full	300	22
20-21	195	K24	Full	300	11
21-22	195	K24	Full	300	11
11-12	195	K24	400	650	91
17-45	195	K24	Full	300	40
35-40	195	K24	Full	300	30
22-49	195	K24	Full	300	38
39-50	195	K24	Full	300	74
1-35	195	K24	None	150	99
32-33	195	K24	4 pcs	150	79
12-39	195	K24	1 pcs	150	87
41-42	195	K24	3 pcs	150	99
37-46	145	K18	None	73	73
4-16	145	K18	None	73	73
21-29	145	K18	None	73	73
6-15	95	K24	None	75	75
20-27	95	K24	None	75	75
7-15	95	K24	None	75	17

FASTENERS - SPLICES EXCL:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
1	GNT100S	152	317	78
2	GNT100S	76	159	84
3	GNT100S	130	198	50
4	GNT100S	130	198	71
6	GNT100S	130	198	84
7	GNT100S	130	198	92
10	GNT100S	130	198	81
11	MHP_2.0	100	200	89
12	GNT100S	152	317	78
14	GNT100S	152	317	72
15	GNT100S	130	258	79
16	GNT100S	178	396	80
17	GNT100S	152	317	86
19	GNT100S	152	317	72
20	GNT100S	130	258	79
21	GNT100S	178	396	87
22	GNT100S	152	317	81
23	GNT100S	130	198	89
24	GNT100S	130	198	61
26	GNT100S	130	198	61
28	GNT100S	130	198	49
33	GNT100S	130	198	81

FASTENERS - SPLICES:				
JOINT NO	PLATE TYPE	WIDTH mm	LENGTH mm	CSI %
5	GNT100S	130	198	48
9	GNT100S	130	198	61
24	GNT100S	130	198	61
28	GNT100S	130	198	49
53	MHP_2.0	100	200	88

MAX DEFORMATION (mm) (SERVICEABILITY):

JOINT NO	VERT.	HORIZ.	LC NO.
25-26	51.1	-2.3	6
7-8	51.0	1.6	6
33-34	-0.8	-10.3	6

FOR DEFORMATION AT OTHER POINTS - SEE CALC.PRINTOUT

VERSION: 2010 SR5
TIME: 13:55



DRAWN CONSTR.BY D.Mykolaitis CHECKED JOB NO. Complex_7
Inz. A. Labonas, 20110121

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SCALE 1:130(A4)

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