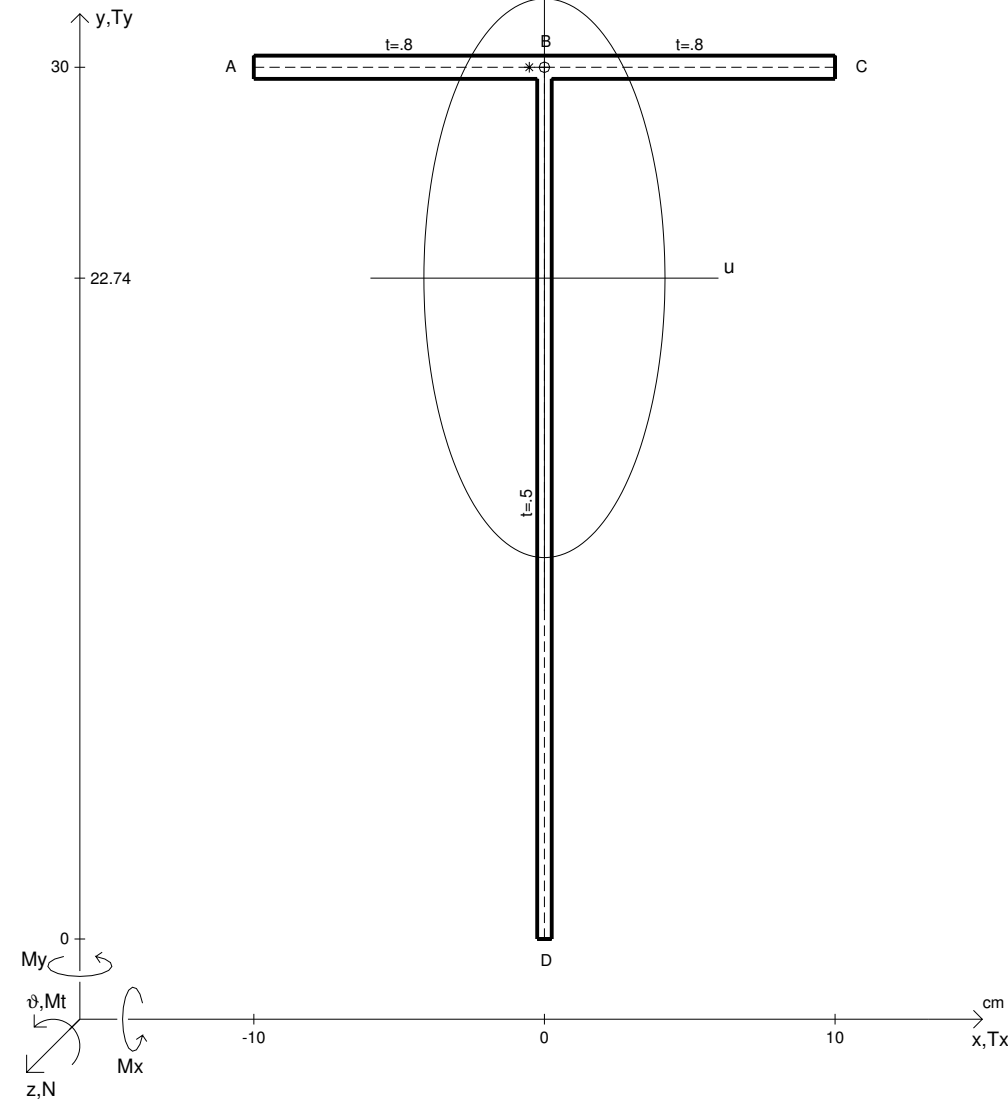
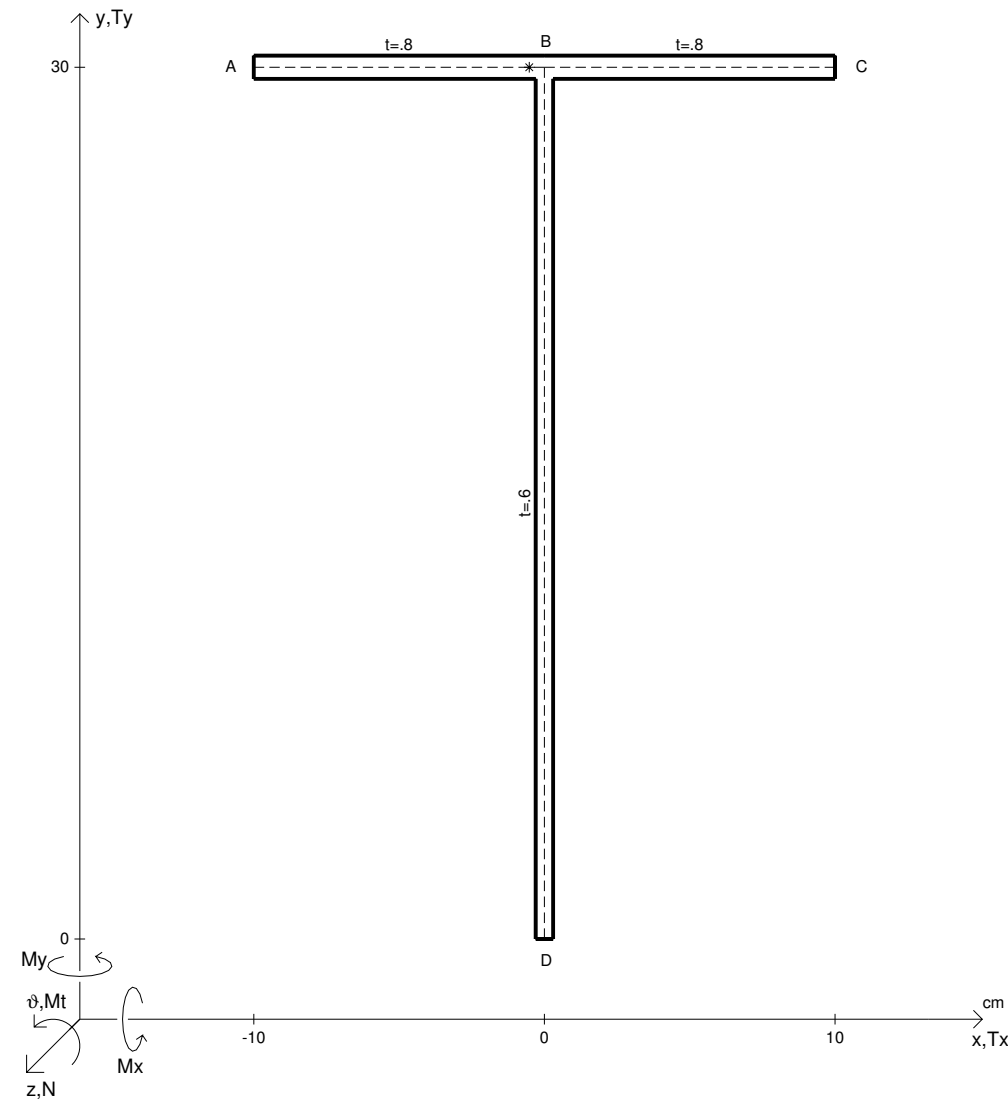


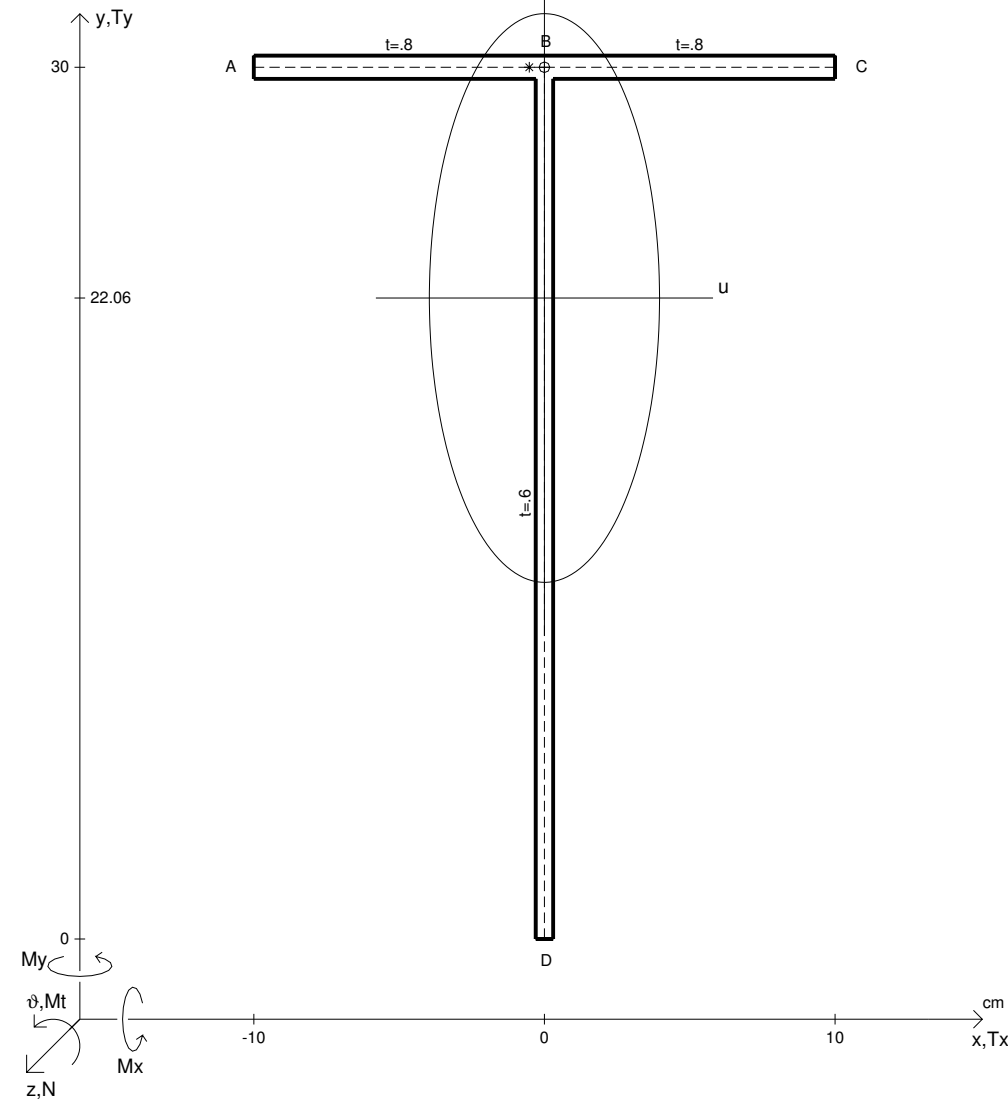
N	$= 34100 \text{ N}$	Mx	$= 125000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 905 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$=$	τ^-	$=$	ϑt	$=$
$\sigma(Mx)$	$=$	σ_{I+}	$=$	r_U	$=$
$\tau(Txc)$	$=$	σ_{II+}	$=$	r_V	$=$
$\tau(Txb)$	$=$	σ_{I-}	$=$	r_O	$=$
$\tau(Tx)+$	$=$	σ_{II-}	$=$	J_P	$=$
$\tau(Tx)-$	$=$	σ_{MISES}	$=$	A_U	$=$
σ	$=$	σ_{GUEST}	$=$	A_V	$=$
$\tau+$	$=$	σ_{ID}	$=$		



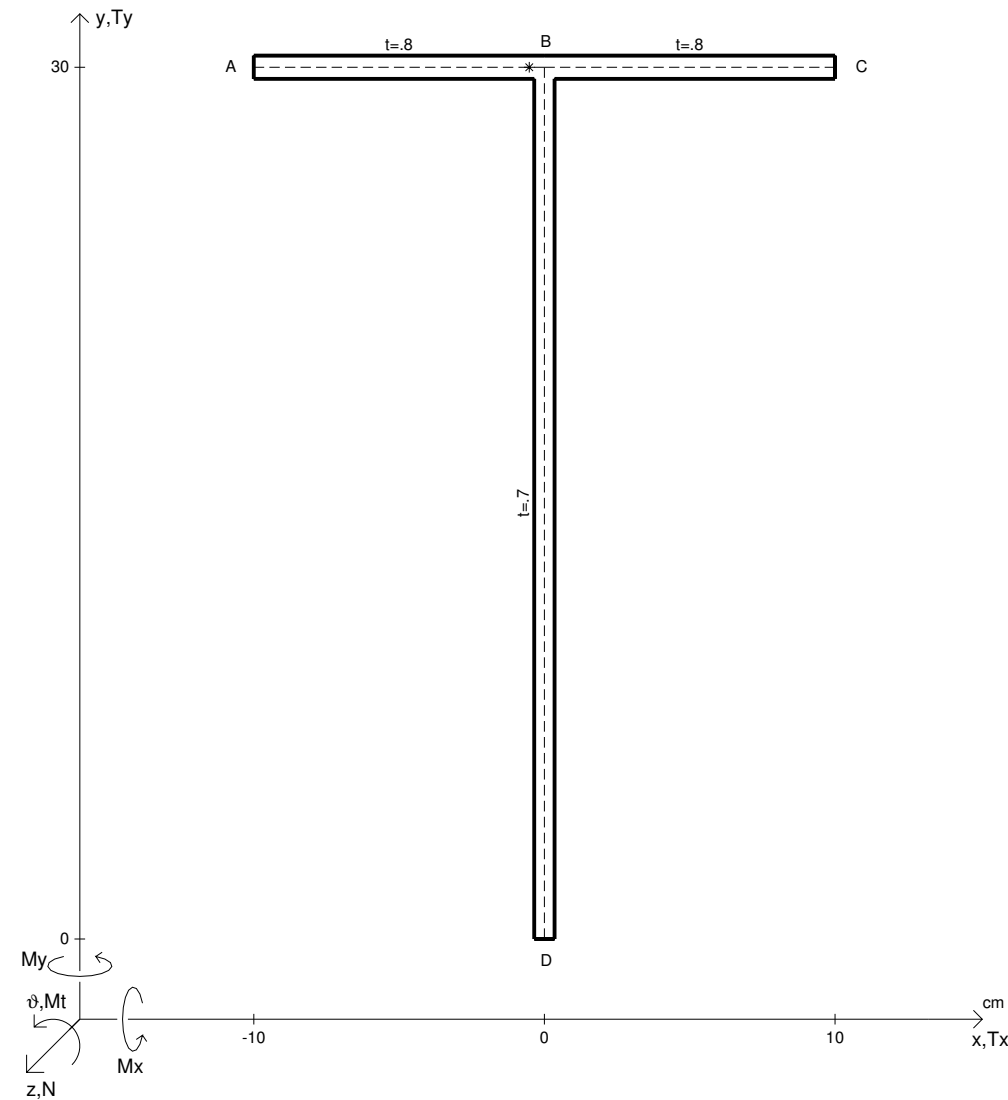
N	$= 34100 \text{ N}$	Mx	$= 125000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 905 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$= 1100 \text{ N/cm}^2$	τ^-	$= -1042 \text{ N/cm}^2$	ϑt	$= .01761 / \text{m}$
$\sigma(Mx)$	$= 316.5 \text{ N/cm}^2$	σ_{I+}	$= 2112 \text{ N/cm}^2$	r_U	$= 9.617 \text{ cm}$
$\tau(Txc)$	$= 84.84 \text{ N/cm}^2$	σ_{II+}	$= -695.3 \text{ N/cm}^2$	r_V	$= 4.148 \text{ cm}$
$\tau(Txb)$	$= 1127 \text{ N/cm}^2$	σ_{I-}	$= 1968 \text{ N/cm}^2$	r_O	$= 12.74 \text{ cm}$
$\tau(Tx)+$	$= 1212 \text{ N/cm}^2$	σ_{II-}	$= -551.7 \text{ N/cm}^2$	J_P	$= 5033 \text{ cm}^4$
$\tau(Tx)-$	$= -1042 \text{ N/cm}^2$	σ_{MISES}	$= 2532 \text{ N/cm}^2$	A_U	$= 13.33 \text{ cm}^2$
σ	$= 1416 \text{ N/cm}^2$	σ_{GUEST}	$= 2807 \text{ N/cm}^2$	A_V	$= 12.45 \text{ cm}^2$
$\tau+$	$= 1212 \text{ N/cm}^2$	σ_{ID}	$= 2286 \text{ N/cm}^2$		



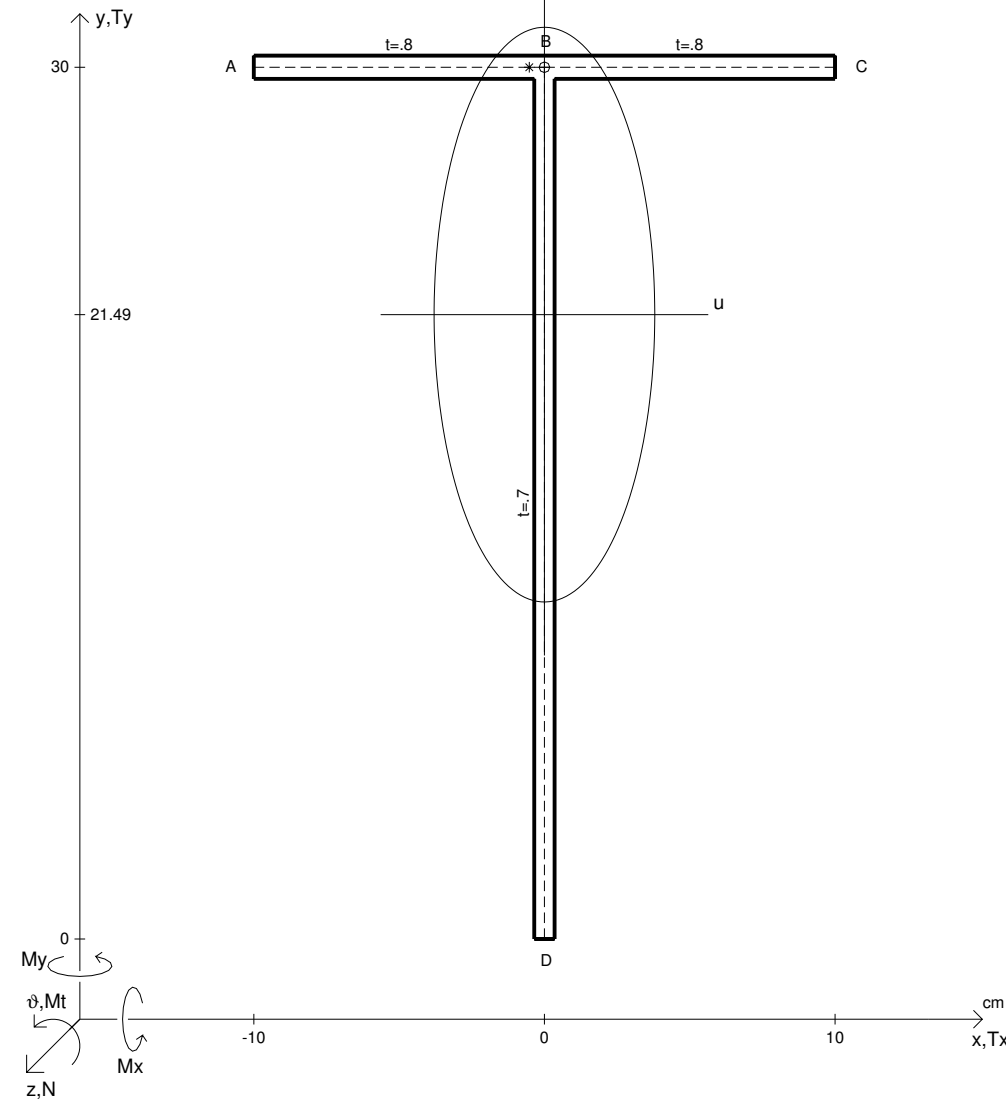
N	$= 40700 \text{ N}$	M_x	$= 160000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
T_x	$= 794 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$=$	τ^-	$=$	ϑ_t	$=$
$\sigma(M_x)$	$=$	σ_{I+}	$=$	r_U	$=$
$\tau(Txc)$	$=$	σ_{II+}	$=$	r_V	$=$
$\tau(Txb)$	$=$	σ_{I-}	$=$	r_O	$=$
$\tau(Tx)+$	$=$	σ_{II-}	$=$	J_P	$=$
$\tau(Tx)-$	$=$	σ_{MISES}	$=$	A_U	$=$
σ	$=$	σ_{GUEST}	$=$	A_V	$=$
τ_+	$=$	σ_{ID}	$=$		



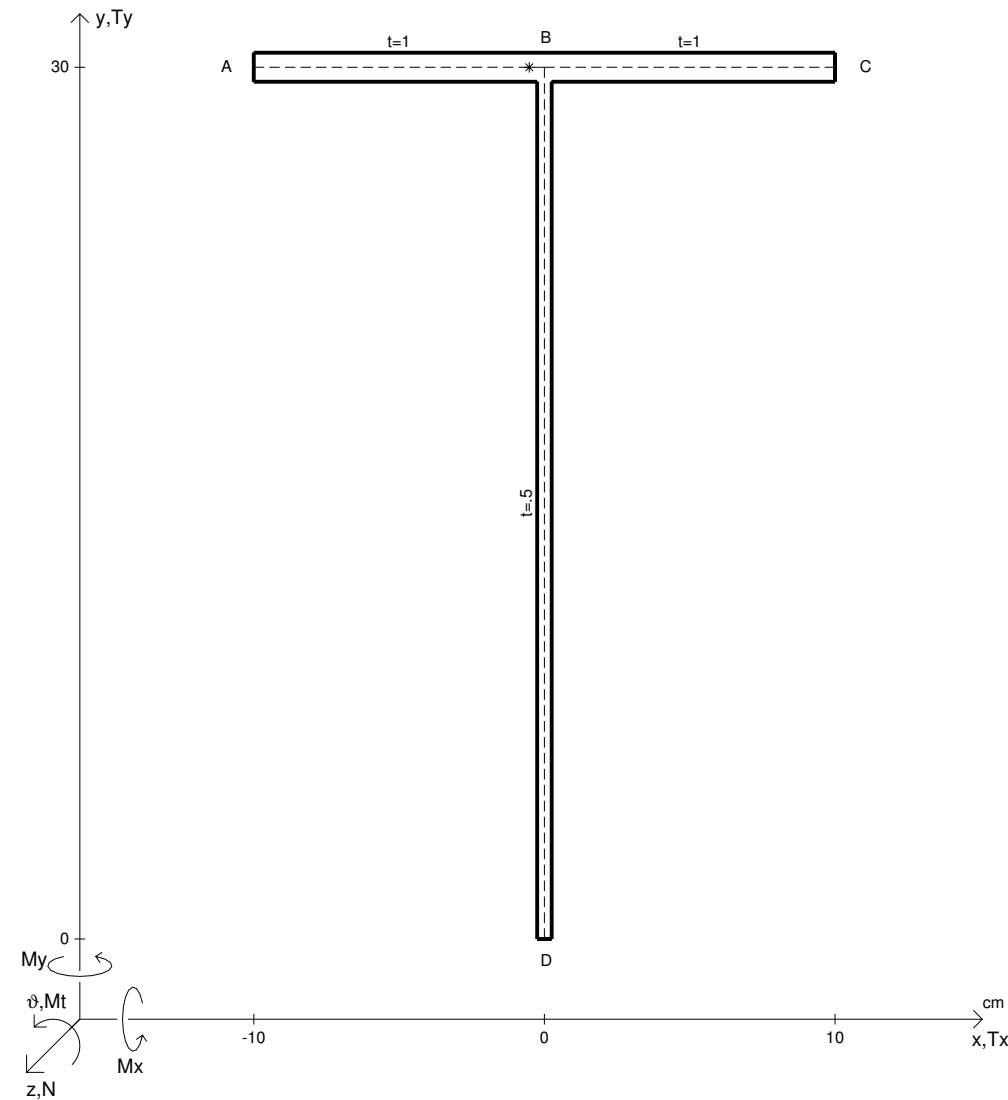
N	$= 40700 \text{ N}$	M_x	$= 160000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
T_x	$= 794 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$= 1197 \text{ N/cm}^2$	τ^-	$= -830.6 \text{ N/cm}^2$	ϑ_t	$= .01414 / \text{m}$
$\sigma(M_x)$	$= 390.2 \text{ N/cm}^2$	σ_{I+}	$= 2054 \text{ N/cm}^2$	r_U	$= 9.786 \text{ cm}$
$\tau(Txc)$	$= 74.44 \text{ N/cm}^2$	σ_{II+}	$= -467 \text{ N/cm}^2$	r_V	$= 3.961 \text{ cm}$
$\tau(Txb)$	$= 905.1 \text{ N/cm}^2$	σ_{I-}	$= 1942 \text{ N/cm}^2$	r_O	$= 13.21 \text{ cm}$
$\tau(Tx)+$	$= 979.5 \text{ N/cm}^2$	σ_{II-}	$= -355.2 \text{ N/cm}^2$	J_P	$= 5933 \text{ cm}^4$
$\tau(Tx)-$	$= -830.6 \text{ N/cm}^2$	σ_{MISES}	$= 2323 \text{ N/cm}^2$	A_U	$= 13.33 \text{ cm}^2$
σ	$= 1587 \text{ N/cm}^2$	σ_{GUEST}	$= 2521 \text{ N/cm}^2$	A_V	$= 14.93 \text{ cm}^2$
τ_+	$= 979.5 \text{ N/cm}^2$	σ_{ID}	$= 2171 \text{ N/cm}^2$		



	N	= 35900 N	Mx	= 199000 Ncm	E	= 20000000 N/cm ²
	Tx	= 990 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²
yG	=	σ(N)	=	τ-	=	ϑt
uO	=	σ(Mx)	=	σI+	=	rU
vO	=	τ(Txc)	=	σII+	=	rV
AN	=	τ(Txb)	=	σI-	=	rO
Cw	=	τ(Tx)+	=	σII-	=	JP
Ju	=	τ(Tx)-	=	σMISES	=	AU
Jv	=	σ	=	σGUEST	=	AV
Jt	=	τ+	=	σID	=	

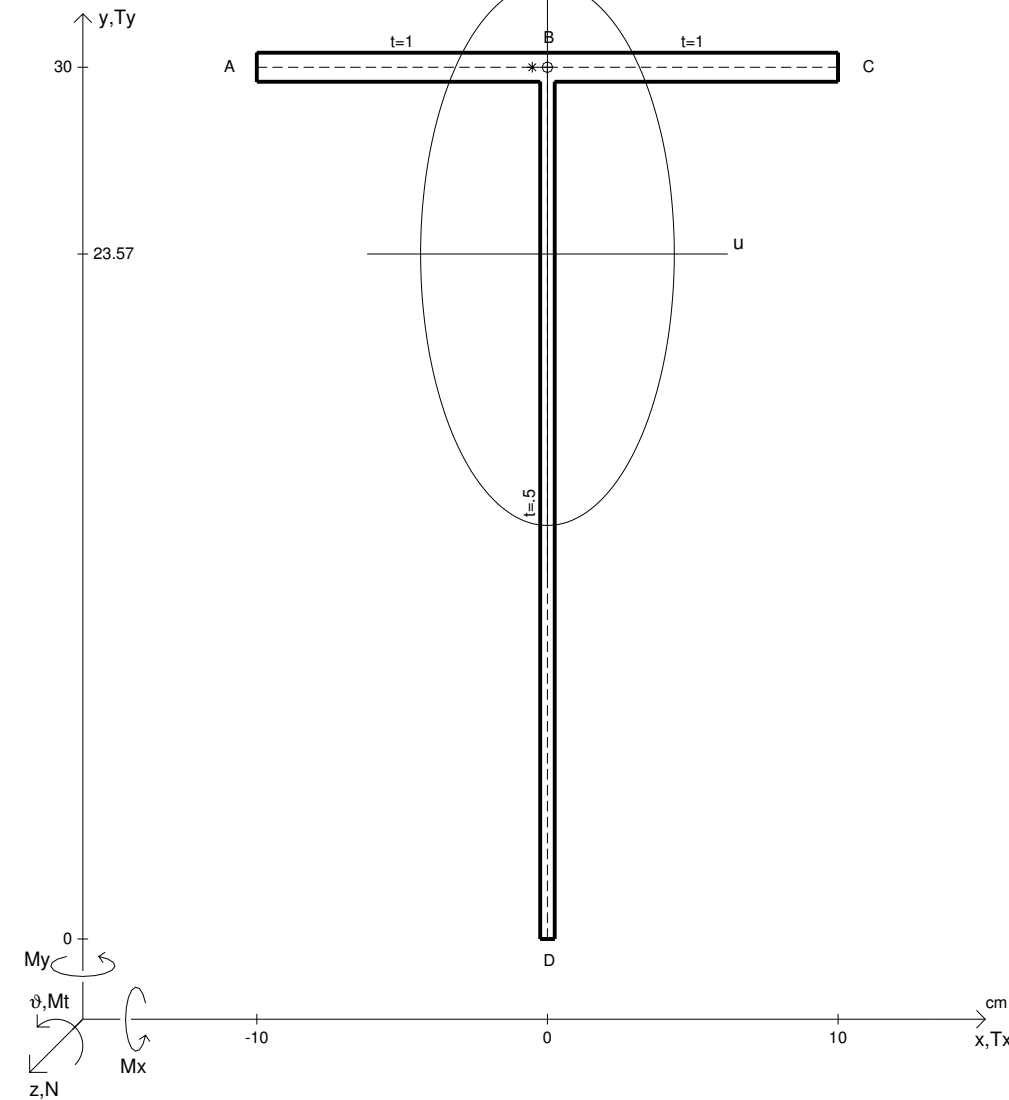


	N	= 35900 N	Mx	= 199000 Ncm	E	= 20000000 N/cm ²	
	Tx	= 990 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²	
	σ(N)	= 970.3 N/cm ²	τ-	= -892.5 N/cm ²	ϑt	= .0154 /m	
yG	= 21.49 cm	σ(Mx)	= 468.2 N/cm ²	σI+	= 2015 N/cm ²	rU	= 9.889 cm
uO	= 0 cm	τ(Txc)	= 92.81 N/cm ²	σII+	= -576.8 N/cm ²	rV	= 3.797 cm
vO	= 8.514 cm	τ(Txb)	= 985.3 N/cm ²	σI-	= 1865 N/cm ²	ro	= 13.59 cm
AN	= 37 cm ²	τ(Tx)+	= 1078 N/cm ²	σII-	= -427 N/cm ²	Jp	= 6833 cm ⁴
Cw	= .7761-8 cm ⁶	τ(Tx)-	= -892.5 N/cm ²	σMISES	= 2357 N/cm ²	AU	= 13.33 cm ²
Ju	= 3618 cm ⁴	σ	= 1439 N/cm ²	σGUEST	= 2592 N/cm ²	AV	= 17.41 cm ²
Jv	= 533.3 cm ⁴	τ+	= 1078 N/cm ²	σID	= 2159 N/cm ²		
Jt	= 6.843 cm ⁴						



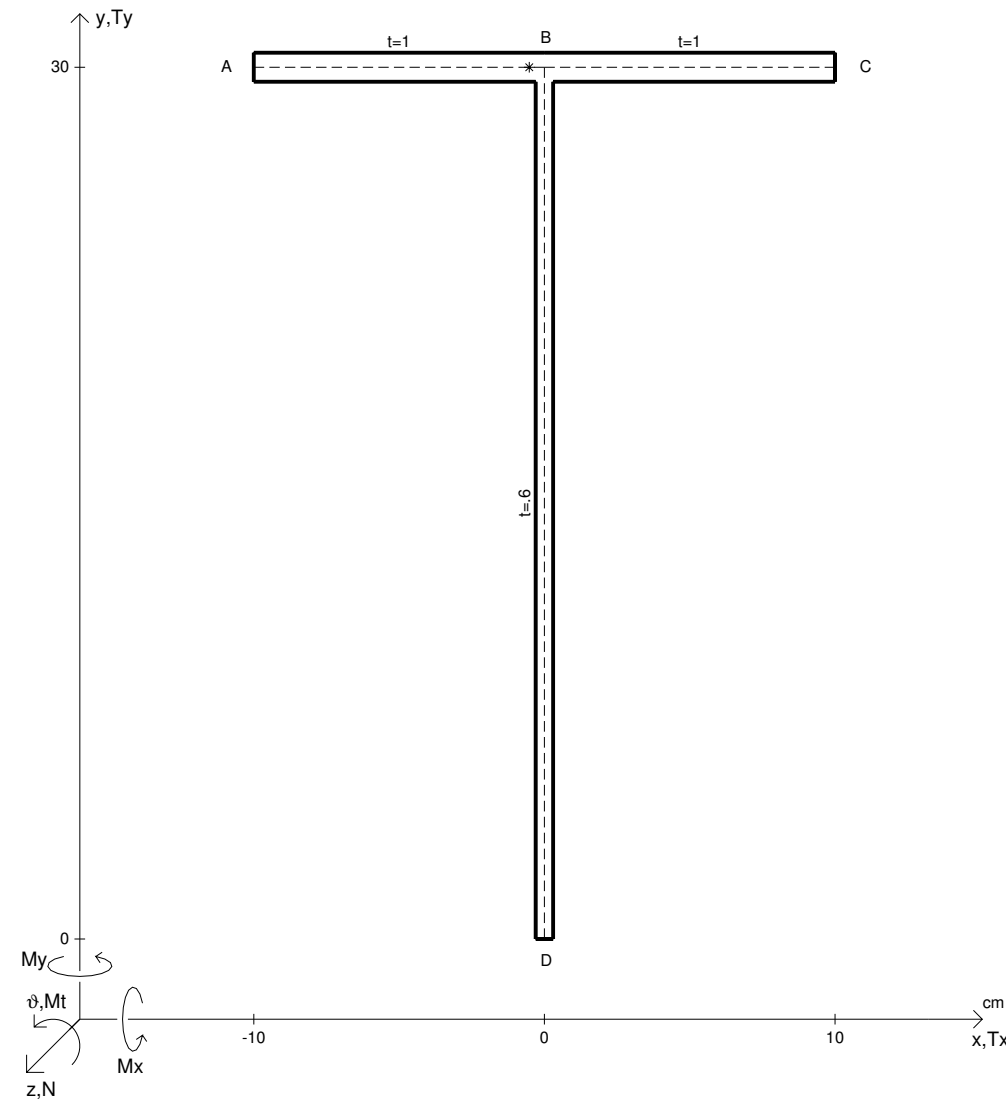
	N	= 39000 N	Mx	= 130000 Ncm	E	= 20000000 N/cm ²
	Tx	= 1380 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²
yG	=	σ(N)	=	τ-	=	ϑt
uO	=	σ(Mx)	=	σI+	=	rU
vO	=	τ(Txc)	=	σII+	=	rV
AN	=	τ(Txb)	=	σI-	=	ro
Cw	=	τ(Tx)+	=	σII-	=	Jp
Ju	=	τ(Tx)-	=	σMISES	=	AU
Jv	=	σ	=	σGUEST	=	AV
Jt	=	τ+	=	σID	=	

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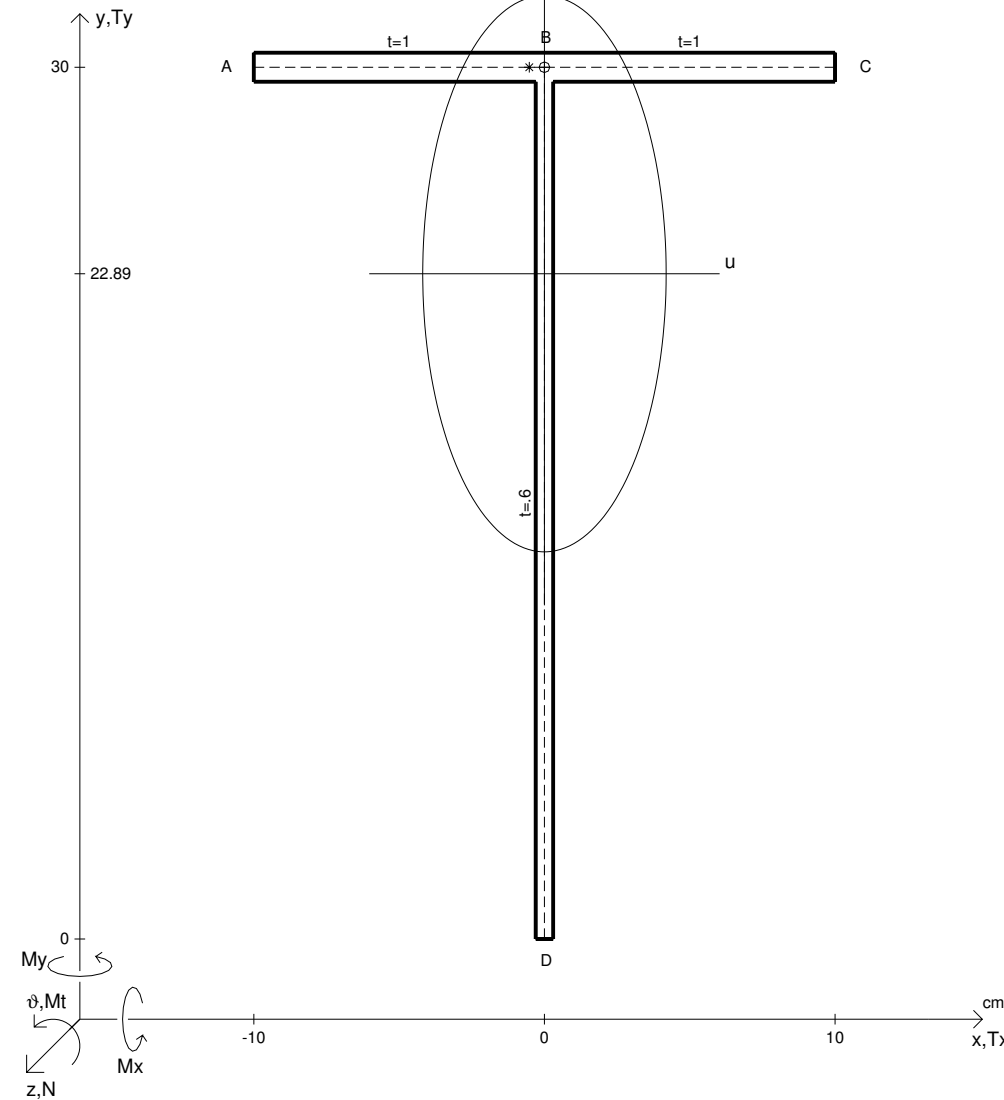


	N	= 39000 N	Mx	= 130000 Ncm	E	= 20000000 N/cm ²	
	Tx	= 1380 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²	
	σ(N)	= 1114 N/cm ²	τ-	= -1017 N/cm ²	ϑt	= .01401 /m	
yG	= 23.57 cm	σ(Mx)	= 273.7 N/cm ²	σI+	= 2101 N/cm ²	rU	= 9.34 cm
uO	= 0 cm	τ(Txc)	= 103.5 N/cm ²	σII+	= -713.2 N/cm ²	rV	= 4.364 cm
vO	= 6.429 cm	τ(Txb)	= 1121 N/cm ²	σI-	= 1925 N/cm ²	ro	= 12.15 cm
AN	= 35 cm ²	τ(Tx)+	= 1224 N/cm ²	σII-	= -537.3 N/cm ²	Jp	= 5167 cm ⁴
Cw	= .9701-8 cm ⁶	τ(Tx)-	= -1017 N/cm ²	σMISES	= 2534 N/cm ²	AU	= 16.67 cm ²
Ju	= 3054 cm ⁴	σ	= 1388 N/cm ²	σGUEST	= 2814 N/cm ²	AV	= 12.45 cm ²
Jv	= 666.7 cm ⁴	τ+	= 1224 N/cm ²	σID	= 2279 N/cm ²		
Jt	= 7.917 cm ⁴						

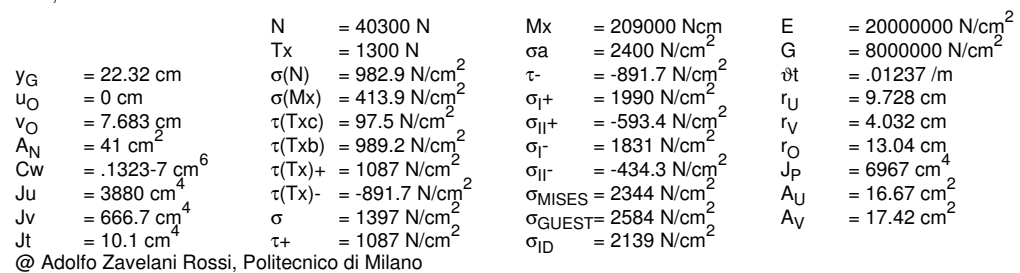
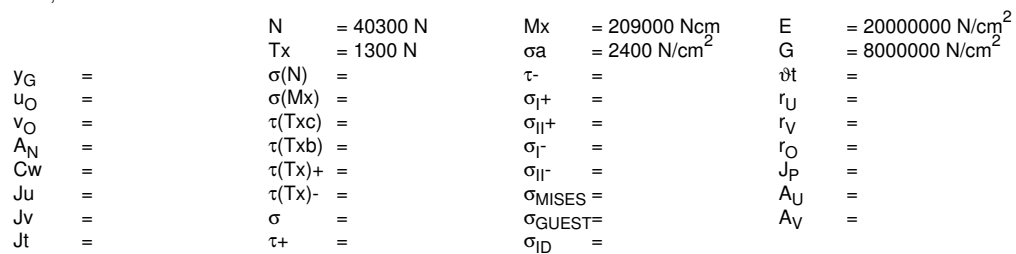
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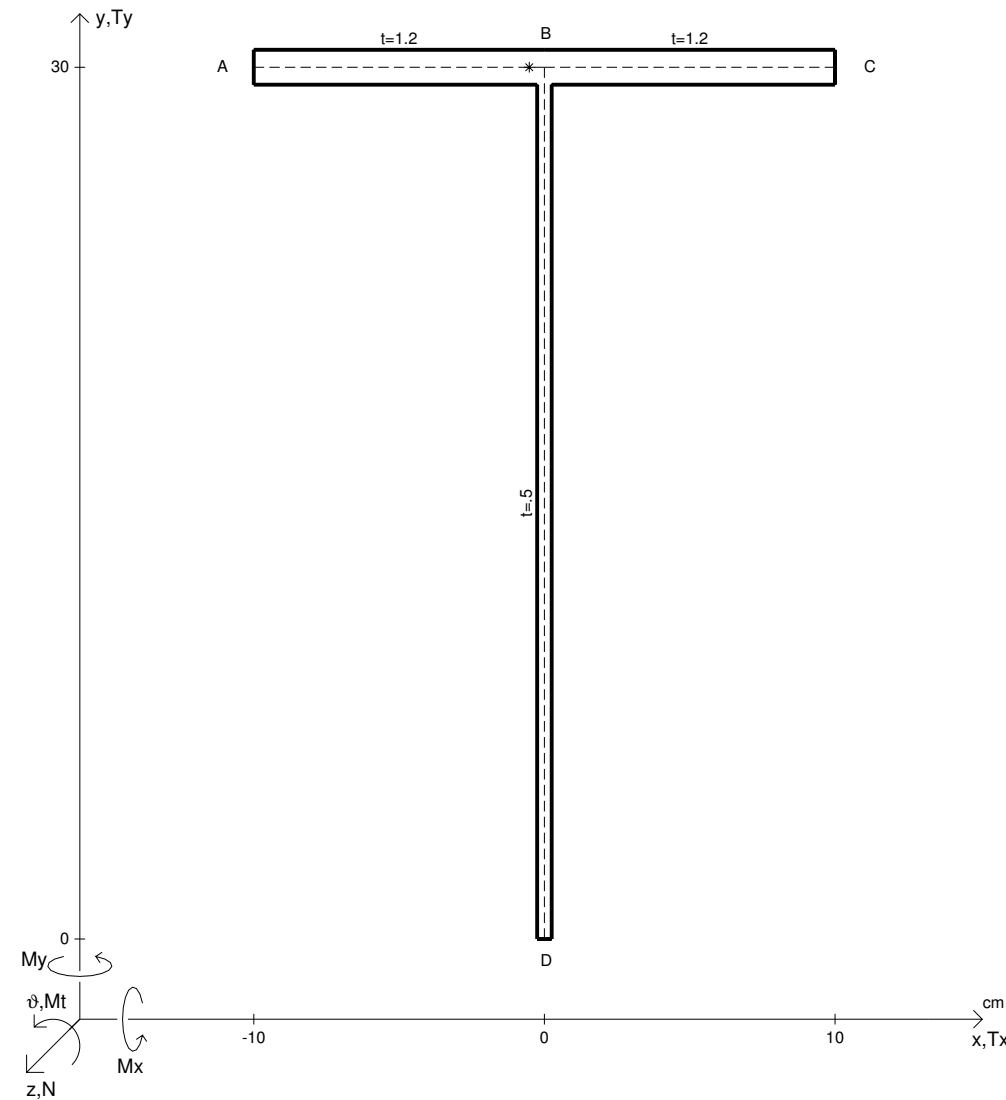


	N	= 46100 N	Mx	= 168000 Ncm	E	= 20000000 N/cm ²	
	Tx	= 1130 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²	
yG	=	σ(N)	=	τ-	=	ϑt	=
uO	=	σ(Mx)	=	σI+	=	rU	=
vO	=	τ(Txc)	=	σII+	=	rV	=
AN	=	τ(Txb)	=	σI-	=	ro	=
Cw	=	τ(Tx)+	=	σII-	=	Jp	=
Ju	=	τ(Tx)-	=	σMISES	=	AU	=
Jv	=	σ	=	σGUEST	=	AV	=
Jt	=	τ+	=	σID	=		

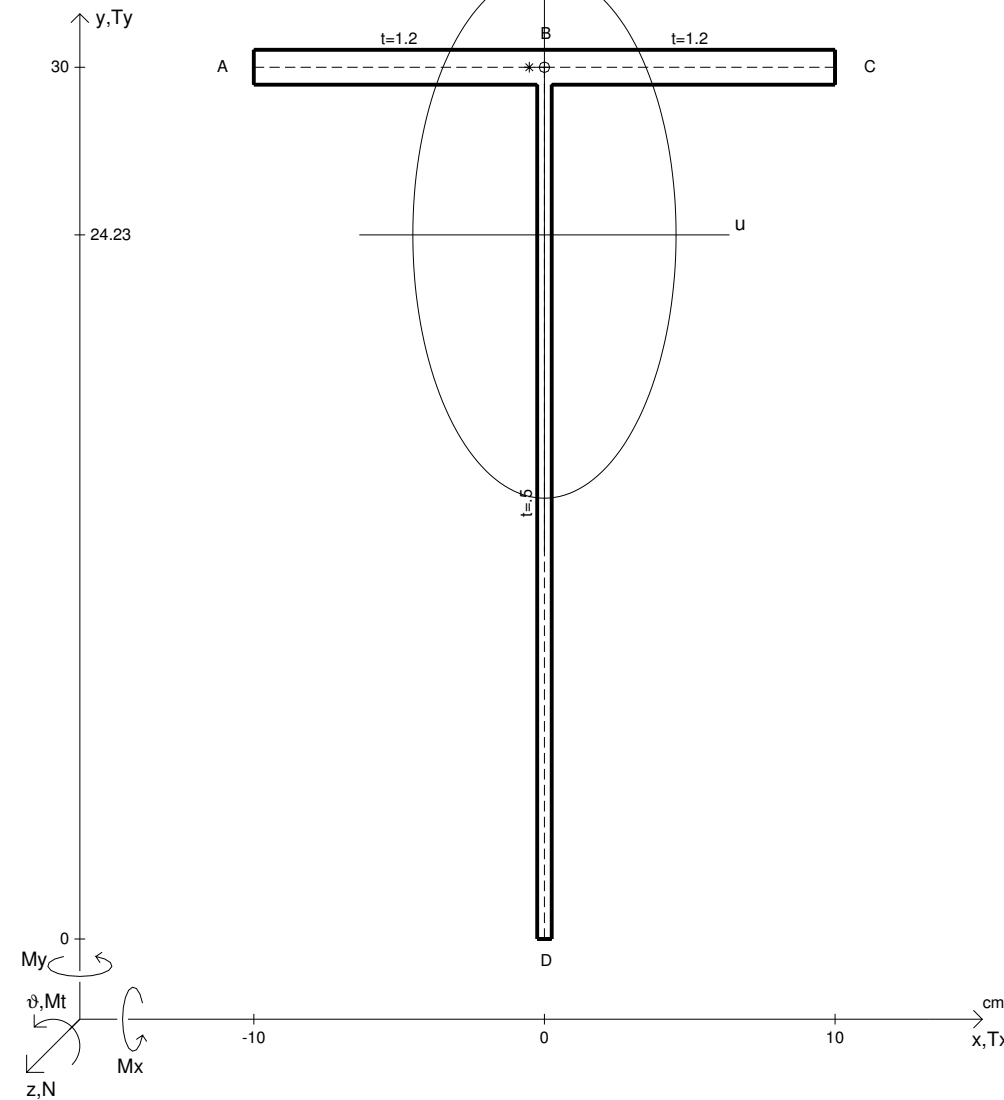


	N	= 46100 N	Mx	= 168000 Ncm	E	= 20000000 N/cm ²	
	Tx	= 1130 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²	
	σ(N)	= 1213 N/cm ²	τ-	= -824.9 N/cm ²	ϑt	= .01137 /m	
yG	= 22.89 cm	σ(Mx)	= 342.9 N/cm ²	σI+	= 2041 N/cm ²	rU	= 9.572 cm
uO	= 0 cm	τ(Txc)	= 84.75 N/cm ²	σII+	= -484.6 N/cm ²	rV	= 4.189 cm
vO	= 7.105 cm	τ(Txb)	= 909.6 N/cm ²	σI-	= 1912 N/cm ²	rO	= 12.64 cm
AN	= 38 cm ²	τ(Tx)+	= 994.4 N/cm ²	σII-	= -355.9 N/cm ²	JP	= 6067 cm ⁴
Cw	= .9701-8 cm ⁶	τ(Tx)-	= -824.9 N/cm ²	σMISES	= 2321 N/cm ²	AU	= 16.67 cm ²
Ju	= 3482 cm ⁴	σ	= 1556 N/cm ²	σGUEST	= 2525 N/cm ²	AV	= 14.94 cm ²
Jv	= 666.7 cm ⁴	τ+	= 994.4 N/cm ²	σID	= 2162 N/cm ²		
Jt	= 8.827 cm ⁴						

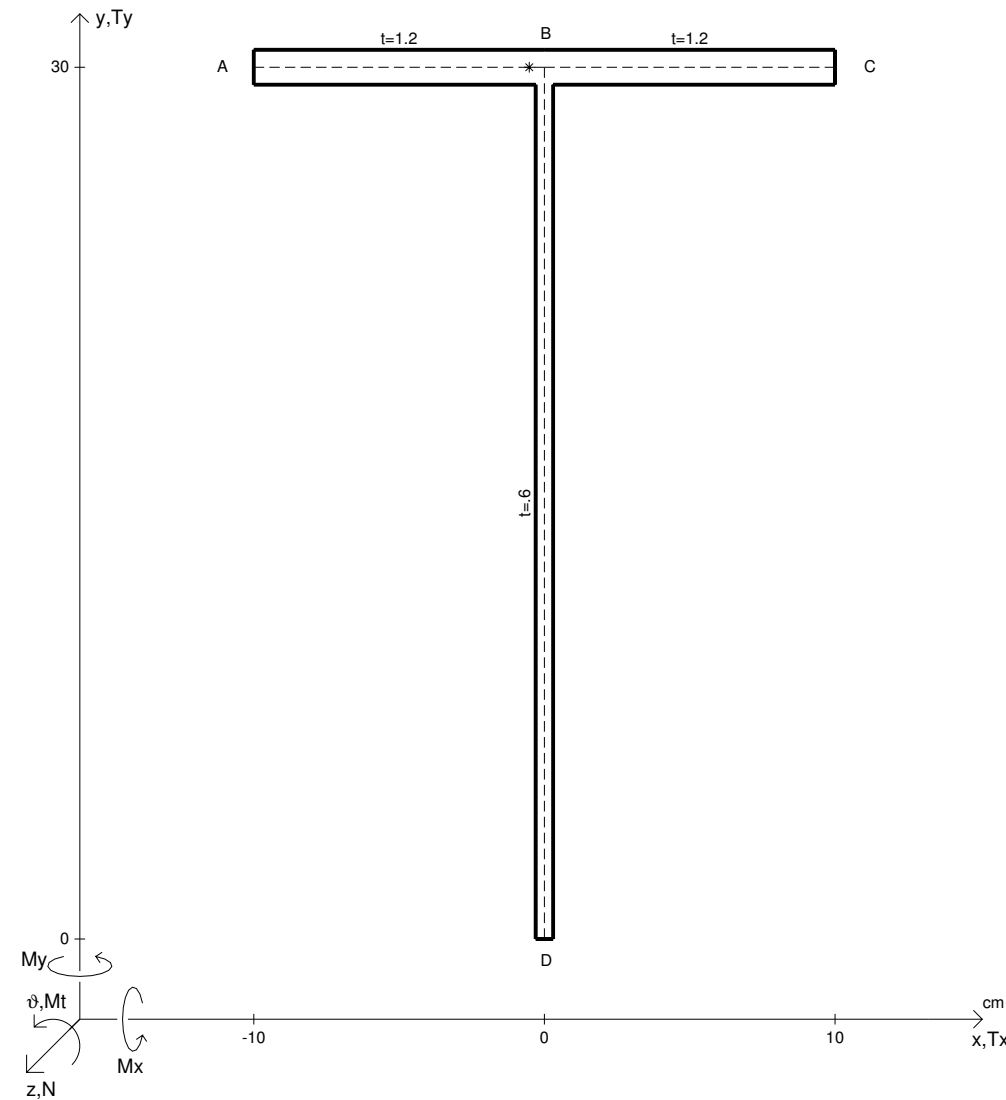




N	$= 43900 \text{ N}$	Mx	$= 134000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 2050 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$=$	τ^-	$=$	ϑt	$=$
$\sigma(Mx)$	$=$	σ_{I+}	$=$	r_U	$=$
$\tau(Txc)$	$=$	σ_{II+}	$=$	r_V	$=$
$\tau(Txb)$	$=$	σ_{I-}	$=$	r_O	$=$
$\tau(Tx)+$	$=$	σ_{II-}	$=$	J_P	$=$
$\tau(Tx)-$	$=$	σ_{MISES}	$=$	A_U	$=$
σ	$=$	σ_{GUEST}	$=$	A_V	$=$
τ_+	$=$	σ_{ID}	$=$		

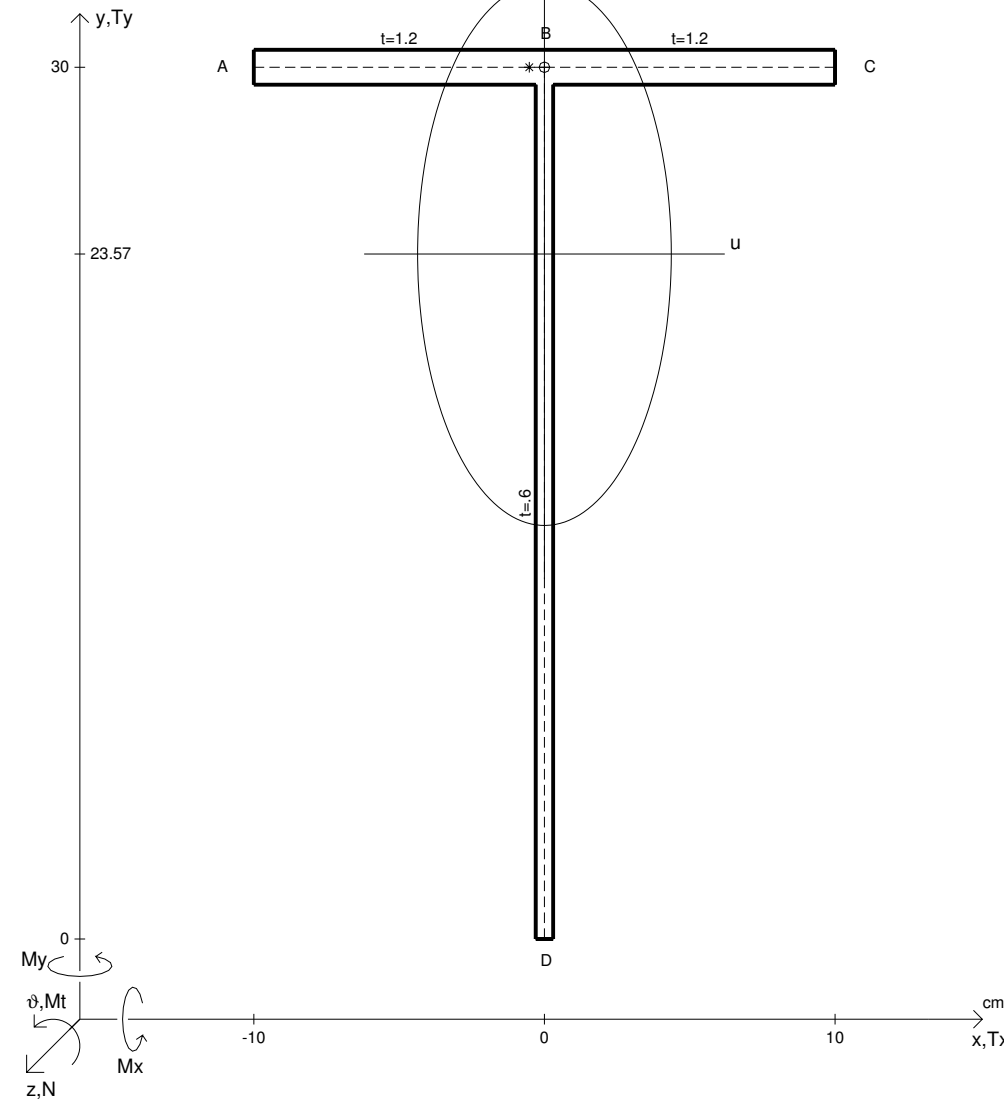


N	$= 43900 \text{ N}$	Mx	$= 134000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 2050 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$= 1126 \text{ N/cm}^2$	τ^-	$= -983.3 \text{ N/cm}^2$	ϑt	$= .01158 / \text{m}$
$\sigma(Mx)$	$= 241.4 \text{ N/cm}^2$	σ_{I+}	$= 2099 \text{ N/cm}^2$	r_U	$= 9.061 \text{ cm}$
$\tau(Txc)$	$= 128.1 \text{ N/cm}^2$	σ_{II+}	$= -731.9 \text{ N/cm}^2$	r_V	$= 4.529 \text{ cm}$
$\tau(Txb)$	$= 1111 \text{ N/cm}^2$	σ_{I-}	$= 1881 \text{ N/cm}^2$	r_O	$= 11.66 \text{ cm}$
$\tau(Tx)+$	$= 1240 \text{ N/cm}^2$	σ_{II-}	$= -514 \text{ N/cm}^2$	J_P	$= 5300 \text{ cm}^4$
$\tau(Tx)-$	$= -983.3 \text{ N/cm}^2$	σ_{MISES}	$= 2545 \text{ N/cm}^2$	A_U	$= 20 \text{ cm}^2$
σ	$= 1367 \text{ N/cm}^2$	σ_{GUEST}	$= 2831 \text{ N/cm}^2$	A_V	$= 12.46 \text{ cm}^2$
τ_+	$= 1240 \text{ N/cm}^2$	σ_{ID}	$= 2282 \text{ N/cm}^2$		



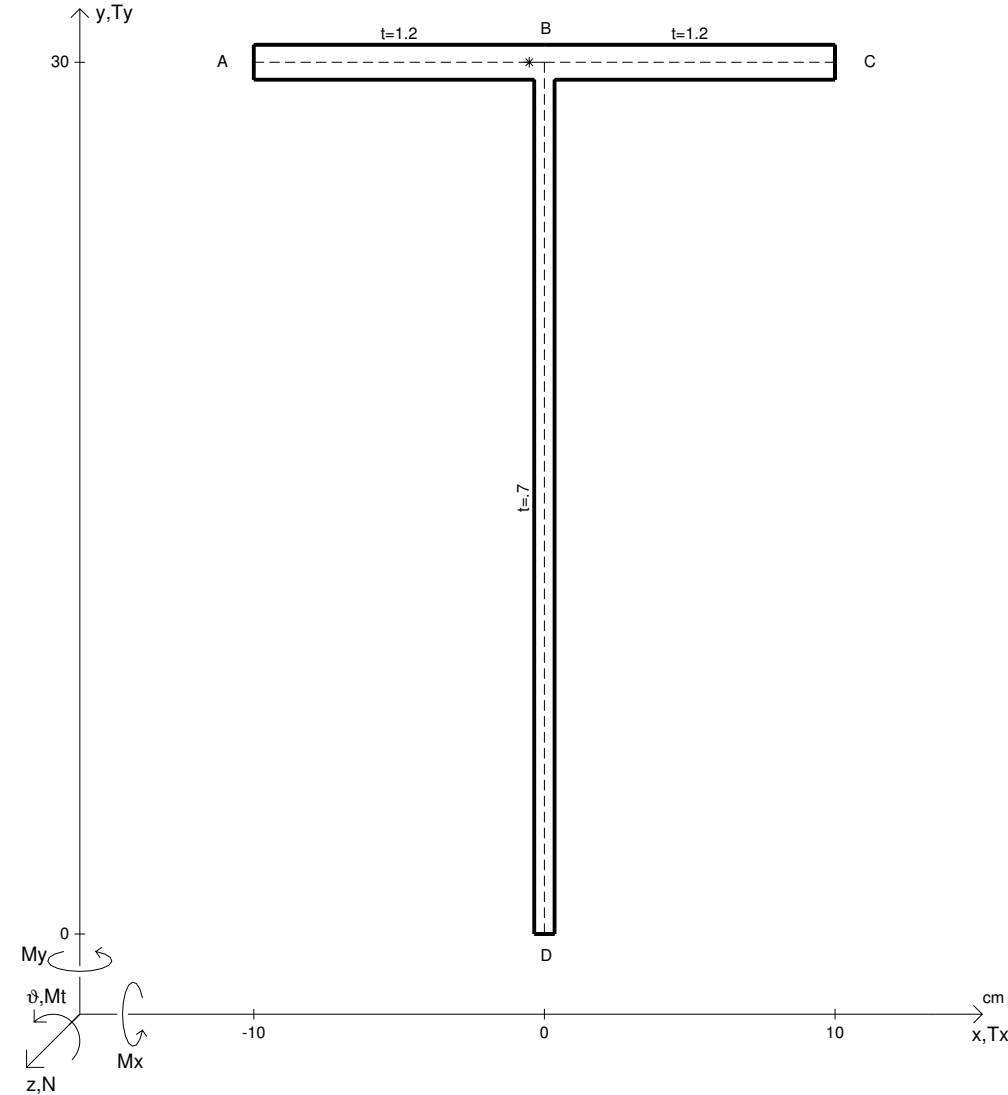
	N	= 51500 N	Mx	= 173000 Ncm	E	= 20000000 N/cm ²
	Tx	= 1600 N	σ_a	= 2400 N/cm ²	G	= 8000000 N/cm ²
	$\sigma(N)$	=	τ^-	=	ϑt	=
y_G	=	$\sigma(Mx)$	σ_{I+}	=	r_U	=
u_O	=	$\tau(Txc)$	σ_{II+}	=	r_V	=
v_O	=	$\tau(Txb)$	σ_{I-}	=	r_O	=
A_N	=	$\tau(Tx)+$	σ_{II-}	=	J_P	=
C_w	=	$\tau(Tx)-$	σ_{MISES}	=	A_U	=
J_u	=	σ	σ_{GUEST}	=	A_V	=
J_v	=	τ_+	σ_{ID}	=		
J_t	=					

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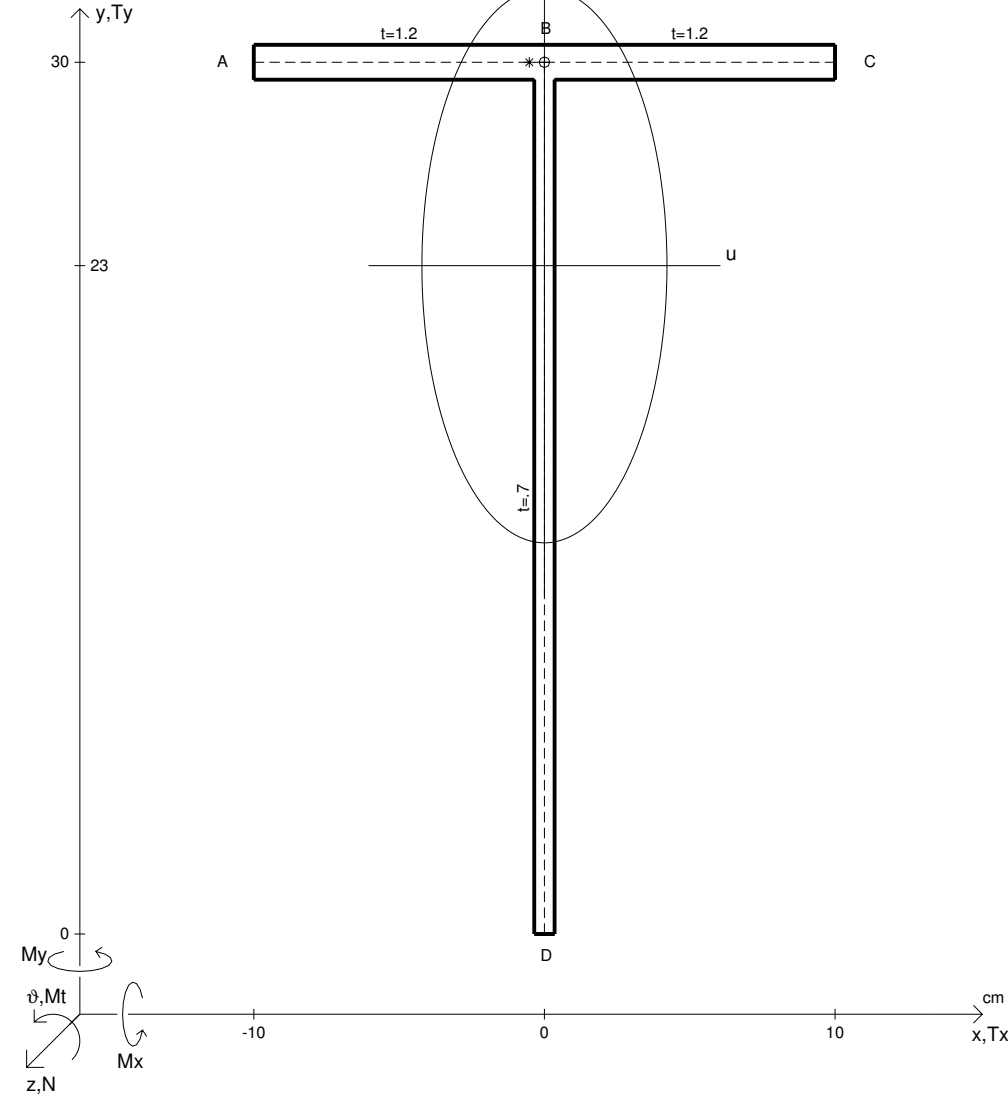


	N	= 51500 N	Mx	= 173000 Ncm	E	= 20000000 N/cm ²
	Tx	= 1600 N	σ_a	= 2400 N/cm ²	G	= 8000000 N/cm ²
	$\sigma(N)$	= 1226 N/cm ²	τ^-	= -802.3 N/cm ²	ϑt	= .009398 /m
y_G	= 23.57 cm	$\sigma(Mx)$	σ_{I+}	= 2026 N/cm ²	r_U	= 9.34 cm
u_O	= 0 cm	$\tau(Txc)$	σ_{II+}	= -495.9 N/cm ²	r_V	= 4.364 cm
v_O	= 6.429 cm	$\tau(Txb)$	σ_{I-}	= 1873 N/cm ²	r_O	= 12.15 cm
A_N	= 42 cm ²	$\tau(Tx)+$	σ_{II-}	= -343.6 N/cm ²	J_P	= 6200 cm ⁴
C_w	= 0 cm ⁶	$\tau(Tx)-$	σ_{MISES}	= 2314 N/cm ²	A_U	= 20 cm ²
J_u	= 3664 cm ⁴	σ	σ_{GUEST}	= 2522 N/cm ²	A_V	= 14.94 cm ²
J_v	= 800 cm ⁴	τ_+	σ_{ID}	= 2150 N/cm ²		
J_t	= 13.68 cm ⁴					

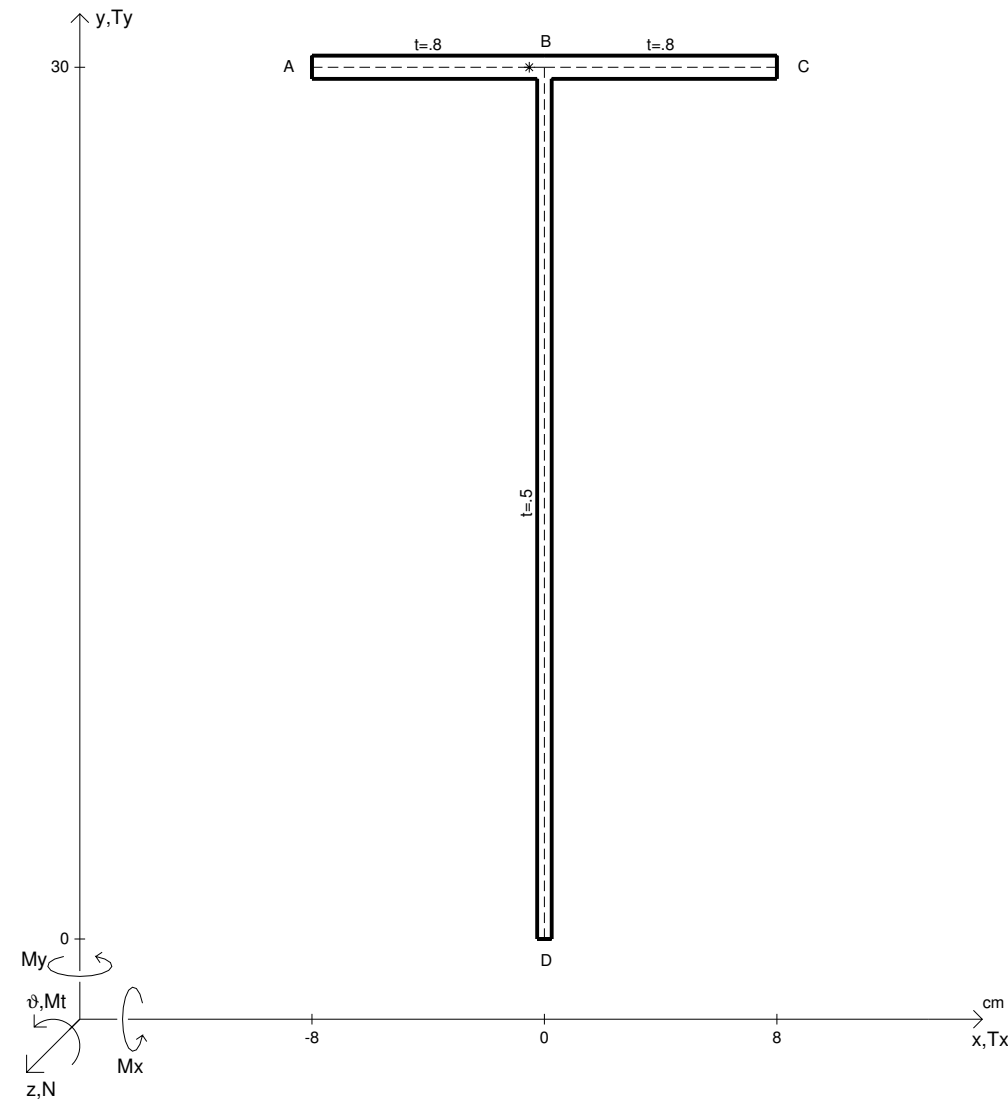
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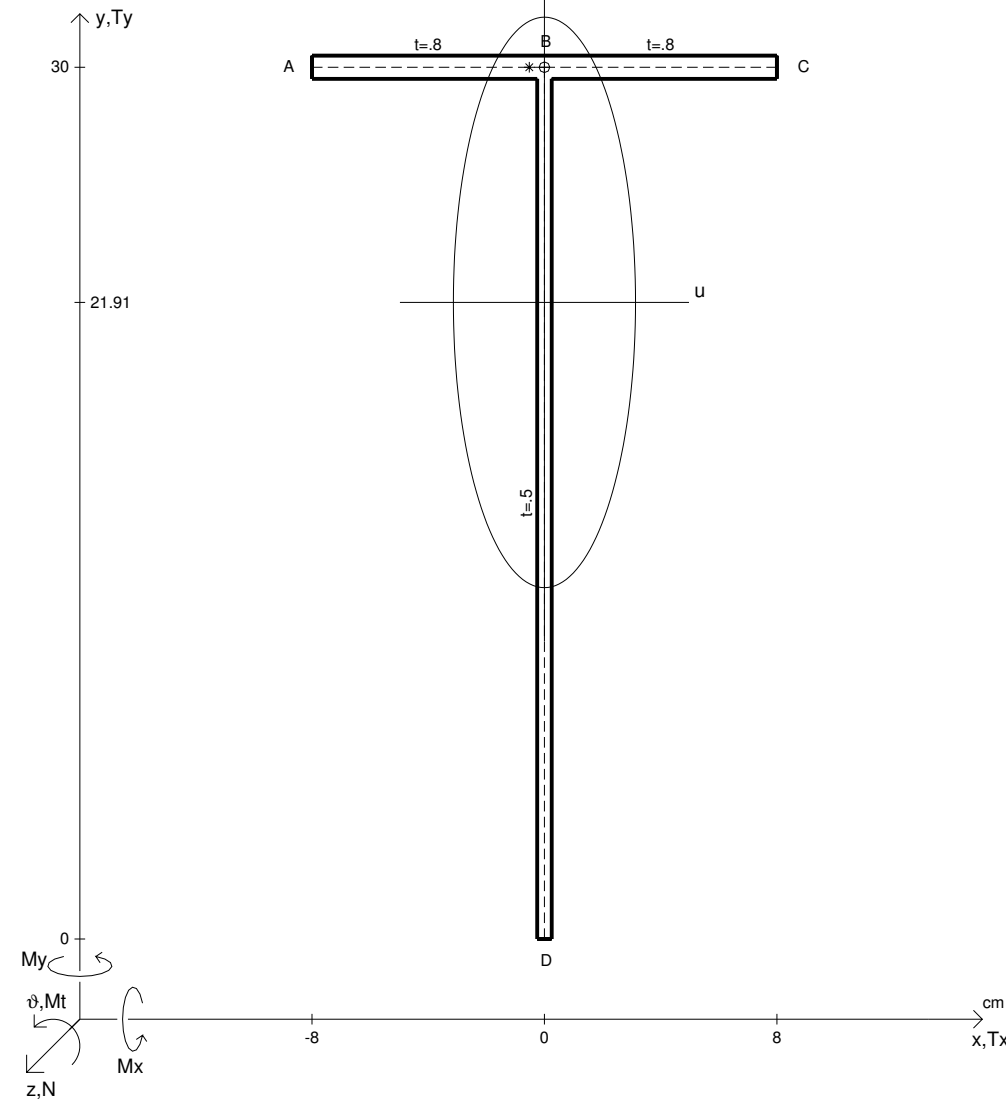
N	$= 44800 \text{ N}$	Mx	$= 216000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 1770 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$=$	τ^-	$=$	ϑt	$=$
$\sigma(Mx)$	$=$	σ_{I+}	$=$	r_U	$=$
$\tau(Txc)$	$=$	σ_{II+}	$=$	r_V	$=$
$\tau(Txb)$	$=$	σ_{I-}	$=$	r_O	$=$
$\tau(Tx+)$	$=$	σ_{II-}	$=$	J_P	$=$
$\tau(Tx-)$	$=$	σ_{MISES}	$=$	A_U	$=$
σ	$=$	σ_{GUEST}	$=$	A_V	$=$
τ_+	$=$	σ_{ID}	$=$		



N	$= 44800 \text{ N}$	Mx	$= 216000 \text{ Ncm}$	E	$= 20000000 \text{ N/cm}^2$
Tx	$= 1770 \text{ N}$	σ_a	$= 2400 \text{ N/cm}^2$	G	$= 8000000 \text{ N/cm}^2$
$\sigma(N)$	$= 995.6 \text{ N/cm}^2$	τ^-	$= -883.9 \text{ N/cm}^2$	ϑt	$= .01036 / \text{m}$
$\sigma(Mx)$	$= 369.2 \text{ N/cm}^2$	σ_{I+}	$= 1981 \text{ N/cm}^2$	r_U	$= 9.539 \text{ cm}$
$\tau(Txc)$	$= 110.6 \text{ N/cm}^2$	σ_{II+}	$= -616.5 \text{ N/cm}^2$	r_V	$= 4.216 \text{ cm}$
$\tau(Txb)$	$= 994.5 \text{ N/cm}^2$	σ_{I-}	$= 1799 \text{ N/cm}^2$	r_O	$= 12.56 \text{ cm}$
$\tau(Tx+)$	$= 1105 \text{ N/cm}^2$	σ_{II-}	$= -434.3 \text{ N/cm}^2$	J_P	$= 7100 \text{ cm}^4$
$\tau(Tx-)$	$= -883.9 \text{ N/cm}^2$	σ_{MISES}	$= 2351 \text{ N/cm}^2$	A_U	$= 20 \text{ cm}^2$
σ	$= 1365 \text{ N/cm}^2$	σ_{GUEST}	$= 2598 \text{ N/cm}^2$	A_V	$= 17.43 \text{ cm}^2$
τ_+	$= 1105 \text{ N/cm}^2$	σ_{ID}	$= 2135 \text{ N/cm}^2$		



	N	= 30200 N	Mx	= 119000 Ncm	E	= 20000000 N/cm ²
	Tx	= 685 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²
	σ(N)	=	τ-	=	ϑt	=
y _G	=	σ(Mx)	=	σ _I +	=	r _U
u _O	=	τ(Txc)	=	σ _{II} +	=	r _V
v _O	=	τ(Txb)	=	σ _I -	=	r _O
A _N	=	τ(Tx)+	=	σ _{II} -	=	J _P
C _w	=	τ(Tx)-	=	σ ^{MISES}	=	A _U
J _u	=	σ	=	σ ^{GUEST}	=	A _V
J _v	=	τ+	=	σ _{ID}	=	
J _t	=					



	N	= 30200 N	Mx	= 119000 Ncm	E	= 20000000 N/cm ²	
	Tx	= 685 N	σa	= 2400 N/cm ²	G	= 8000000 N/cm ²	
	σ(N)	= 1086 N/cm ²	τ-	= -1034 N/cm ²	ϑt	= .01741 /m	
y _G	= 21.91 cm	σ(Mx)	= 359.5 N/cm ²	σ _I +	= 2119 N/cm ²	r _U	= 9.817 cm
u _O	= 0 cm	τ(Txc)	= 80.27 N/cm ²	σ _{II} +	= -673.3 N/cm ²	r _V	= 3.134 cm
v _O	= 8.094 cm	τ(Txb)	= 1114 N/cm ²	σ _I -	= 1985 N/cm ²	r _O	= 13.1 cm
A _N	= 27.8 cm ²	τ(Tx)+	= 1194 N/cm ²	σ _{II} -	= -538.7 N/cm ²	J _P	= 4773 cm ⁴
C _w	= 0 cm ⁶	τ(Tx)-	= -1034 N/cm ²	σ ^{MISES}	= 2524 N/cm ²	A _U	= 10.67 cm ²
J _u	= 2679 cm ⁴	σ	= 1446 N/cm ²	σ ^{GUEST}	= 2792 N/cm ²	A _V	= 12.66 cm ²
J _v	= 273.1 cm ⁴	τ+	= 1194 N/cm ²	σ _{ID}	= 2287 N/cm ²		
J _t	= 3.981 cm ⁴						