

		0.60*5.0*3.75=																
		11.25					11.25					11.25						
		X0	X1	X2	X3	X5	X6	X7	X9	X10	X11	X12	X13	X14	X15	10000	10000	
Y6	269.70	292.00	215.40	622.20	1478.60	1961.20	1596.80	567.30	230.40	312.50	308.40	308.80	303.00	271.50				
Y5			185.80	856.10	1771.90	2510.10	2133.80	781.90	190.10									
Y5a				261.20	332.50	338.10												
Y4	378.60	363.20	271.10	824.00	1307.90	1532.70	1381.90	811.60	235.40	395.30	388.60	389.40	374.60	382.20				
Y3			323.80	870.60	1691.90	2242.70	1683.90	851.30	259.40									
Y2	378.50	363.00	272.10	811.10	1618.30	2063.60	1622.10	798.60	235.40	395.20	388.50	389.30	374.60	382.10				
Y1			184.90	848.70	1629.20	1854.90	1589.60	811.00	190.10									
Y0	269.80	292.20	214.20	606.20	872.70	745.20	831.20	577.90	230.50	312.60	308.50	308.90	303.10	271.60				
(1F)	14500	14500	12000	14000	12000	12000	14000	12000	16000	16000	16000	16000	16000	16000				

Y6	466.30	669.50	553.70	978.90	1887.60	2333.70	1997.30	915.70	598.30	688.30	667.40	659.60	705.50	483.10
Y5	189.10		454.10	1331.40	2480.20	3231.30	2942.50	1253.20	458.30					188.20
Y5a														
Y4	650.10	701.00	665.30	1240.00	1921.30	2147.10	2073.90	1219.20	656.20	731.20	709.30	702.80	734.40	666.40
Y3	177.00		577.10	1324.30	2195.20	2770.00	2169.80	1305.00	512.30					
Y2	650.10	700.90	665.90	1227.50	2111.90	2498.50	2120.70	1206.90	655.90	731.20	709.30	702.70	734.30	666.40
Y1	189.10		455.00	1313.70	2178.00	2451.80	2136.90	1276.40	459.50					188.20
Y0	466.50	669.60	553.00	962.10	1301.00	1146.20	1260.90	924.60	599.50	688.20	667.50	659.60	705.60	483.30
(基礎)	X0	X1	X2	X3	X5	X6	X7	X9	X10	X11	X12	X13	X14	X15









8-2 各部材耐力算出

1) 柱の断面性能(ユニバーサルボックス)

※、コーナー部の突出部は無視した。

- 1C1、2C6、2C7、2C10、2C11、PHC6、PHC7、PHC11

計算結果

□-482×482×16×16

$A = 298.2 (\text{cm}^2)$	$w = 234.1 (\text{kg/m})$		
$I_x = 108068 (\text{cm}^4)$	$I_y = 108068 (\text{cm}^4)$	$i_x = 19.04 (\text{cm})$	$i_y = 19.04 (\text{cm})$
$Z_x = 4484 (\text{cm}^3)$	$Z_y = 4484 (\text{cm}^3)$	$Z_{px} = 5214 (\text{cm}^3)$	$Z_{py} = 5214 (\text{cm}^3)$

記号

- 1C2

計算結果

□-488×488×19×19

$A = 356.4 (\text{cm}^2)$	$w = 279.8 (\text{kg/m})$		
$I_x = 130886 (\text{cm}^4)$	$I_y = 130886 (\text{cm}^4)$	$i_x = 19.16 (\text{cm})$	$i_y = 19.16 (\text{cm})$
$Z_x = 5364 (\text{cm}^3)$	$Z_y = 5364 (\text{cm}^3)$	$Z_{px} = 6272 (\text{cm}^3)$	$Z_{py} = 6272 (\text{cm}^3)$

記号

- 1C3

計算結果

□-494×494×22×22

$A = 415.4 (\text{cm}^2)$	$w = 326.1 (\text{kg/m})$		
$I_x = 154561 (\text{cm}^4)$	$I_y = 154561 (\text{cm}^4)$	$i_x = 19.29 (\text{cm})$	$i_y = 19.29 (\text{cm})$
$Z_x = 6258 (\text{cm}^3)$	$Z_y = 6258 (\text{cm}^3)$	$Z_{px} = 7357 (\text{cm}^3)$	$Z_{py} = 7357 (\text{cm}^3)$

記号

○ 1C4

計算結果

□-500×500×25×25

$A = 475.0 \text{ (cm}^2\text{)}$	$w = 372.9 \text{ (kg/m)}$		
$I_x = 179115 \text{ (cm}^4\text{)}$	$I_y = 179115 \text{ (cm}^4\text{)}$	$i_x = 19.42 \text{ (cm)}$	$i_y = 19.42 \text{ (cm)}$
$Z_x = 7165 \text{ (cm}^3\text{)}$	$Z_y = 7165 \text{ (cm}^3\text{)}$	$Z_{px} = 8469 \text{ (cm}^3\text{)}$	$Z_{py} = 8469 \text{ (cm}^3\text{)}$

記号

○ 1C5、1C6

計算結果

□-514×514×32×32

$A = 817.0 \text{ (cm}^2\text{)}$	$w = 484.3 \text{ (kg/m)}$		
$I_x = 239944 \text{ (cm}^4\text{)}$	$I_y = 239944 \text{ (cm}^4\text{)}$	$i_x = 19.72 \text{ (cm)}$	$i_y = 19.72 \text{ (cm)}$
$Z_x = 9336 \text{ (cm}^3\text{)}$	$Z_y = 9336 \text{ (cm}^3\text{)}$	$Z_{px} = 11168 \text{ (cm}^3\text{)}$	$Z_{py} = 11168 \text{ (cm}^3\text{)}$

記号

○ 1C7

計算結果

□-506×506×28×28

$A = 535.4 \text{ (cm}^2\text{)}$	$w = 420.3 \text{ (kg/m)}$		
$I_x = 204568 \text{ (cm}^4\text{)}$	$I_y = 204568 \text{ (cm}^4\text{)}$	$i_x = 19.55 \text{ (cm)}$	$i_y = 19.55 \text{ (cm)}$
$Z_x = 8086 \text{ (cm}^3\text{)}$	$Z_y = 8086 \text{ (cm}^3\text{)}$	$Z_{px} = 9607 \text{ (cm}^3\text{)}$	$Z_{py} = 9607 \text{ (cm}^3\text{)}$

記号

○ 1C8、1C9、1C10、1C11

計算結果

□-530×530×40×40

$A = 784.0 \text{ (cm}^2\text{)}$	$w = 615.4 \text{ (kg/m)}$		
$I_x = 315821 \text{ (cm}^4\text{)}$	$I_y = 315821 \text{ (cm}^4\text{)}$	$i_x = 20.07 \text{ (cm)}$	$i_y = 20.07 \text{ (cm)}$
$Z_x = 11918 \text{ (cm}^3\text{)}$	$Z_y = 11918 \text{ (cm}^3\text{)}$	$Z_{px} = 14438 \text{ (cm}^3\text{)}$	$Z_{py} = 14438 \text{ (cm}^3\text{)}$

記号



○ 1C12

計算結果

□-388×388×13×13

$A = 195.0 \text{ (cm}^2\text{)}$	$w = 153.1 \text{ (kg/m)}$		
$I_x = 45758 \text{ (cm}^4\text{)}$	$I_y = 45758 \text{ (cm}^4\text{)}$	$i_x = 15.32 \text{ (cm)}$	$i_y = 15.32 \text{ (cm)}$
$Z_x = 2359 \text{ (cm}^3\text{)}$	$Z_y = 2359 \text{ (cm}^3\text{)}$	$Z_{px} = 2743 \text{ (cm}^3\text{)}$	$Z_{py} = 2743 \text{ (cm}^3\text{)}$

記号

○ 1C13

計算結果

□-394×394×16×16

$A = 241.9 \text{ (cm}^2\text{)}$	$w = 189.9 \text{ (kg/m)}$		
$I_x = 57714 \text{ (cm}^4\text{)}$	$I_y = 57714 \text{ (cm}^4\text{)}$	$i_x = 15.45 \text{ (cm)}$	$i_y = 15.45 \text{ (cm)}$
$Z_x = 2930 \text{ (cm}^3\text{)}$	$Z_y = 2930 \text{ (cm}^3\text{)}$	$Z_{px} = 3431 \text{ (cm}^3\text{)}$	$Z_{py} = 3431 \text{ (cm}^3\text{)}$

記号

○ 2C2、2C3、2C4、2C5、2C8

計算結果

□-478×478×13×13

$A = 240.8 \text{ (cm}^2\text{)}$	$w = 189.0 \text{ (kg/m)}$		
$I_x = 86087 \text{ (cm}^4\text{)}$	$I_y = 86087 \text{ (cm}^4\text{)}$	$i_x = 18.91 \text{ (cm)}$	$i_y = 18.91 \text{ (cm)}$
$Z_x = 3617 \text{ (cm}^3\text{)}$	$Z_y = 3617 \text{ (cm}^3\text{)}$	$Z_{px} = 4181 \text{ (cm}^3\text{)}$	$Z_{py} = 4181 \text{ (cm}^3\text{)}$

記号

2) 柱の終局耐力の算定 防災協会仕様

使用部材 □- 482 x 482 x 16.0 x 16.0 角形鋼  
 ○ 1C1 (SM50A)

$Z_x = 4484.0 \text{ cm}^3$      $I_x = 108068 \text{ cm}^4$      $A = 298.20 \text{ cm}^2$   
 $Z_y = 4484.0 \text{ cm}^3$      $I_y = 108068 \text{ cm}^4$   
 $Z_{px} = 5214.0 \text{ cm}^3$      $* i_y = \text{---}$      $k_c = 1.00$   
 $Z_{py} = 5214.0 \text{ cm}^3$   
 $F = 325 \text{ N/mm}^2$      $F_u = 490 \text{ N/mm}^2$

強度割増 = 1.1 倍     $L_{kx} = 630.00 \text{ cm}$   
 $L_{ky} = 630.00 \text{ cm}$   
 $(M_2 / M_1) = 0.000$

部材種別 =     鉛直軸力 = 378.50 KN

$M_b = \min \{ M_p, M_{LB}, M_{FTB} \}$  ※、角型鋼の場合は、 $M_p$  のみ考慮。

$M_p = F \times Z_p =$

$M_{FTB} = p \lambda b \geq \lambda b : M_{FTB} = M_p - e \lambda b \geq \lambda b > p \lambda b : (1 - 0.4 \times [(\sqrt{M_p / M_e}) - p \lambda b]) / (1.29 - p \lambda b) \times M_p$      $\lambda b > e \lambda b : M_p / \lambda b^2 =$

$M_e = C \times Z \times \sqrt{(\sigma_{scr}^2 + \sigma_{wcr}^2)}$    

$C = 1.75 + 1.05 \times (M_2 / M_1) + 0.3 \times (M_2 / M_1)^2 \leq 2.30$

$\sigma_{scr} = 0.65 \times E / (L_{by} \times h / A_f)$     ----

$\sigma_{wcr} = \pi^2 \times E / (k L_{by} / * i_y)^2$     ----     $e \lambda b = 1.29$

$p \lambda b = 0.6 + 0.3 \times (M_2 / M_1)$     ----     $\lambda b = \sqrt{M_p / M_e} =$  ----

$M_{LB} = (1 - N / N_L) \times Z \times \min \{ (670 - (b / t_f) \times \sqrt{F_f}) \times (F_f / 500), (5190 - (d / t_w) \times \sqrt{F_w}) \times (F_w / 4100) \}$

$= Z \times \min \{ \text{----} \}$    

※、上記結果によらず  $M_b = M_p =$

$N_c = \min (N_y, (1.07 - 0.44 \sqrt{N_y / N_E}) \times N_y, 0.83 \times N_E)$   
 $\lambda_c = 0.435$

$N_y = F \times A =$

$N_{Ex} = \pi^2 \times E \times I / (k c^2 \times L_{bx}^2) =$

$N_{Ey} = \pi^2 \times E \times I / (k c^2 \times L_{by}^2) =$

※、 $N_c =$

$N / N_y \leq 0.15 : M_{pc} = M_b$      $N / N_y > 0.15 : M_{pc} = 1.18 \times M_b \times (1 - N / N_y) = 0.036$

$M_{pc} = 1864.01 =$

※、他の部位の詳細計算は省略して後ページに結果表を作成した。(他の部位の詳細計算は別紙とした。)

○ 柱耐力まとめ

符号	材料	部材				種別	Mpc (KNm)		
1C1	(SM50A)	□-	482	x 482	x 16.0	FB	1864.01		
1C2	(SM50A)	□-	488	x 488	x 19.0	FA	2242.24		
1C3	(SM50A)	□-	494	x 494	x 22.0	FA	2630.13		
1C4	(SM50A)	□-	500	x 500	x 25.0	FA	3027.67		
1C5	(SM50A)	□-	514	x 514	x 32.0	FA	3992.56		
1C6	(SM50A)	□-	514	x 514	x 32.0	FA	3992.56		
1C7	(SM50A)	□-	506	x 506	x 28.0	FA	3434.50		
1C8-11	(SM50A)	□-	530	x 530	x 40.0	FA	5161.59		
1C12		□-	388	x 388	x 13.0	FA	709.07		
1C13		□-	394	x 394	x 16.0	FA	886.91		
1C16		H形強軸	H-	200	x 200	x 8.0	x 12.0	FA	135.71
2C2-4		□-	476	x 476	x 13.0	FB	1080.79		
2C5		□-	476	x 476	x 13.0	FB	1080.79		
2C6-7		□-	482	x 482	x 16.0	FA	1347.82		
2C8		□-	476	x 476	x 13.0	FB	1080.79		
2C10-11	(SM50A)	□-	482	x 482	x 16.0	FB	1844.37		
2C18		H形弱軸	H-	350	x 350	x 12.0	x 19.0	FA	305.03
PHC6-7		□-	482	x 482	x 16.0	FA	1347.82		
PHC11	(SM50A)	□-	482	x 482	x 16.0	FB	1864.01		
PHC18		H形強軸	H-	350	x 350	x 12.0	x 19.0	FA	705.71

※、材料の記載無き部材は、SS41とする。

3) BH材の断面性能

2G3 端部

BH -	1300	x	450	x	16.0	x	32	A =	485.76 cm <sup>2</sup>
Z <sub>x</sub> =	21686.8 cm <sup>3</sup>	I <sub>x</sub> =	1409643 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	2161.9 cm <sup>3</sup>	I <sub>y</sub> =	48642 cm <sup>4</sup>						
Z <sub>px</sub> =	24528.2 cm <sup>3</sup>	Z <sub>py</sub> =	3319.1 cm <sup>3</sup>	FD					

2G3 中央

BH -	1300	x	300	x	16.0	x	32	A =	389.76 cm <sup>2</sup>
Z <sub>x</sub> =	15749.0 cm <sup>3</sup>	I <sub>x</sub> =	1023684 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	962.8 cm <sup>3</sup>	I <sub>y</sub> =	14442 cm <sup>4</sup>						
Z <sub>px</sub> =	18441.8 cm <sup>3</sup>	Z <sub>py</sub> =	1519.1 cm <sup>3</sup>	FD					

2G4、2G7 端部

BH -	700	x	450	x	16.0	x	36	A =	424.48 cm <sup>2</sup>
Z <sub>x</sub> =	11157.1 cm <sup>3</sup>	I <sub>x</sub> =	390499 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	2431.0 cm <sup>3</sup>	I <sub>y</sub> =	54696 cm <sup>4</sup>						
Z <sub>px</sub> =	12424.8 cm <sup>3</sup>	Z <sub>py</sub> =	3685.2 cm <sup>3</sup>	FA					

2G4、2G7 中央

BH -	700	x	400	x	16.0	x	36	A =	388.48 cm <sup>2</sup>
Z <sub>x</sub> =	10022.3 cm <sup>3</sup>	I <sub>x</sub> =	350779 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	1921.1 cm <sup>3</sup>	I <sub>y</sub> =	38421 cm <sup>4</sup>						
Z <sub>px</sub> =	11229.6 cm <sup>3</sup>	Z <sub>py</sub> =	2920.2 cm <sup>3</sup>	FA					

2G5 端部

BH -	1300	x	400	x	16.0	x	32	A =	453.76 cm <sup>2</sup>
Z <sub>x</sub> =	19707.5 cm <sup>3</sup>	I <sub>x</sub> =	1280990 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	1708.8 cm <sup>3</sup>	I <sub>y</sub> =	34176 cm <sup>4</sup>						
Z <sub>px</sub> =	22499.4 cm <sup>3</sup>	Z <sub>py</sub> =	2639.1 cm <sup>3</sup>	FD					

2G5 中央

BH -	1300	x	300	x	16.0	x	32	A =	389.76 cm <sup>2</sup>
Z <sub>x</sub> =	15749.0 cm <sup>3</sup>	I <sub>x</sub> =	1023684 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	962.8 cm <sup>3</sup>	I <sub>y</sub> =	14442 cm <sup>4</sup>						
Z <sub>px</sub> =	18441.8 cm <sup>3</sup>	Z <sub>py</sub> =	1519.1 cm <sup>3</sup>	FD					

2G6 端部

BH -	1300	x	450	x	16.0	x	32	A =	485.76 cm <sup>2</sup>
Z <sub>x</sub> =	21686.8 cm <sup>3</sup>	I <sub>x</sub> =	1409643 cm <sup>4</sup>	幅厚比種別					
Z <sub>y</sub> =	2161.9 cm <sup>3</sup>	I <sub>y</sub> =	48642 cm <sup>4</sup>						
Z <sub>px</sub> =	24528.2 cm <sup>3</sup>	Z <sub>py</sub> =	3319.1 cm <sup>3</sup>	FD					

## 2G6 中央

BH = 1300 x 350 x 16.0 x 32	A = 421.76 cm <sup>2</sup>	
Z <sub>x</sub> = 17728.3 cm <sup>3</sup> Z <sub>y</sub> = 1309.1 cm <sup>3</sup>	I <sub>x</sub> = 1152337 cm <sup>4</sup> I <sub>y</sub> = 22909 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 20470.6 cm <sup>3</sup>	Z <sub>py</sub> = 2039.1 cm <sup>3</sup>	FD

## 2G8 端部

BH = 700 x 450 x 16.0 x 36	A = 424.48 cm <sup>2</sup>	
Z <sub>x</sub> = 11157.1 cm <sup>3</sup> Z <sub>y</sub> = 2431.0 cm <sup>3</sup>	I <sub>x</sub> = 390499 cm <sup>4</sup> I <sub>y</sub> = 54696 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 12424.8 cm <sup>3</sup>	Z <sub>py</sub> = 3685.2 cm <sup>3</sup>	FA

## 2G8 中央

BH = 700 x 450 x 16.0 x 36	A = 424.48 cm <sup>2</sup>	
Z <sub>x</sub> = 11157.1 cm <sup>3</sup> Z <sub>y</sub> = 2431.0 cm <sup>3</sup>	I <sub>x</sub> = 390499 cm <sup>4</sup> I <sub>y</sub> = 54696 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 12424.8 cm <sup>3</sup>	Z <sub>py</sub> = 3685.2 cm <sup>3</sup>	FA

## 2G10 端部

BH = 700 x 450 x 12.0 x 25	A = 303.00 cm <sup>2</sup>	
Z <sub>x</sub> = 8110.5 cm <sup>3</sup> Z <sub>y</sub> = 1687.9 cm <sup>3</sup>	I <sub>x</sub> = 283869 cm <sup>4</sup> I <sub>y</sub> = 37978 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 8910.0 cm <sup>3</sup>	Z <sub>py</sub> = 2554.7 cm <sup>3</sup>	FA

## 2G12 端部

BH = 692 x 400 x 12.0 x 22	A = 253.76 cm <sup>2</sup>	
Z <sub>x</sub> = 6497.0 cm <sup>3</sup> Z <sub>y</sub> = 1173.8 cm <sup>3</sup>	I <sub>x</sub> = 224797 cm <sup>4</sup> I <sub>y</sub> = 23476 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 7198.5 cm <sup>3</sup>	Z <sub>py</sub> = 1783.3 cm <sup>3</sup>	FB

## 2G15 端部

BH = 1300 x 450 x 16.0 x 28	A = 451.04 cm <sup>2</sup>	
Z <sub>x</sub> = 19633.5 cm <sup>3</sup> Z <sub>y</sub> = 1891.9 cm <sup>3</sup>	I <sub>x</sub> = 1276179 cm <sup>4</sup> I <sub>y</sub> = 42567 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 22356.7 cm <sup>3</sup>	Z <sub>py</sub> = 2914.6 cm <sup>3</sup>	FD

## 2G15 中央

BH = 1300 x 300 x 16.0 x 28	A = 367.04 cm <sup>2</sup>	
Z <sub>x</sub> = 14405.3 cm <sup>3</sup> Z <sub>y</sub> = 842.8 cm <sup>3</sup>	I <sub>x</sub> = 936348 cm <sup>4</sup> I <sub>y</sub> = 12642 cm <sup>4</sup>	幅厚比種別
Z <sub>px</sub> = 17014.3 cm <sup>3</sup>	Z <sub>py</sub> = 1339.6 cm <sup>3</sup>	FD

## 2G16 端部

BH =	900	x	450	x	16.0	x	32	A =	421.76 cm <sup>2</sup>
Zx =	13791.4 cm <sup>3</sup>	Ix =	620615 cm <sup>4</sup>	幅厚比種別					
Zy =	2161.3 cm <sup>3</sup>	Iy =	48629 cm <sup>4</sup>						
Zpx =	15401.8 cm <sup>3</sup>	Zpy =	3293.5 cm <sup>3</sup>	FA					

## 2G18 端部

BH =	800	x	450	x	16.0	x	28	A =	371.04 cm <sup>2</sup>
Zx =	10763.6 cm <sup>3</sup>	Ix =	430545 cm <sup>4</sup>	幅厚比種別					
Zy =	1891.1 cm <sup>3</sup>	Iy =	42550 cm <sup>4</sup>						
Zpx =	12024.7 cm <sup>3</sup>	Zpy =	2882.6 cm <sup>3</sup>	FA					

## 2G20 端部

BH =	700	x	450	x	12.0	x	25	A =	303.00 cm <sup>2</sup>
Zx =	8110.5 cm <sup>3</sup>	Ix =	283869 cm <sup>4</sup>	幅厚比種別					
Zy =	1687.9 cm <sup>3</sup>	Iy =	37978 cm <sup>4</sup>						
Zpx =	8910.0 cm <sup>3</sup>	Zpy =	2554.7 cm <sup>3</sup>	FA					

## R1G1 全

BH =	1000	x	300	x	12.0	x	22	A =	246.72 cm <sup>2</sup>
Zx =	8061.3 cm <sup>3</sup>	Ix =	403065 cm <sup>4</sup>	幅厚比種別					
Zy =	660.9 cm <sup>3</sup>	Iy =	9914 cm <sup>4</sup>						
Zpx =	9259.7 cm <sup>3</sup>	Zpy =	1024.4 cm <sup>3</sup>	FD					

## R1G2 端部

BH =	500	x	300	x	12.0	x	16	A =	152.16 cm <sup>2</sup>
Zx =	2659.7 cm <sup>3</sup>	Ix =	66492 cm <sup>4</sup>	幅厚比種別					
Zy =	480.4 cm <sup>3</sup>	Iy =	7207 cm <sup>4</sup>						
Zpx =	3002.7 cm <sup>3</sup>	Zpy =	736.8 cm <sup>3</sup>	FB					

## R1G4 端部

BH =	606	x	350	x	12.0	x	22	A =	221.44 cm <sup>2</sup>
Zx =	4921.4 cm <sup>3</sup>	Ix =	149119 cm <sup>4</sup>	幅厚比種別					
Zy =	898.8 cm <sup>3</sup>	Iy =	15729 cm <sup>4</sup>						
Zpx =	5481.4 cm <sup>3</sup>	Zpy =	1367.7 cm <sup>3</sup>	FA					

## R1G13 端部

BH =	500	x	400	x	12.0	x	16	A =	184.16 cm <sup>2</sup>
Zx =	3409.6 cm <sup>3</sup>	Ix =	85240 cm <sup>4</sup>	幅厚比種別					
Zy =	853.7 cm <sup>3</sup>	Iy =	17073 cm <sup>4</sup>						
Zpx =	3777.1 cm <sup>3</sup>	Zpy =	1296.8 cm <sup>3</sup>	FC					